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Analysis of Indoor Environmental Data

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Abstract:

This summary and analysis of indoor temperature and humidity data has been collected over a three and a half year period from 43 houses located mostly in the hot, humid gulf coast region.

ANALYSIS OF INDOOR ENVIRONMENTAL DATA

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Appendix A – Summary of High Humidity Events at Each Site
Appendix B – Cooling, Dehumidification, and Heating Runtimes for Each Site
Appendix C – Various Plots and Graphs for Each Site

1. Introduction

This report summarizes indoor temperature and humidity data that have been collected from houses by the Building Science Consortium of the US Department of Energy Building America Program. Data were collected at 43 houses from May 2000 through February 2005. The houses are located in various southern cities, including Houston, Austin, Dallas, Jacksonville, Fort Meyers, Orlando, and Oklahoma City. Most sites were located in the hot, humid gulf coast region.

The data set includes "high performance" houses that were designed and built to Building America standards as well as standard houses that were monitored in order to establish a baseline. Many of the houses included enhanced air conditioners (e.g., means to improve moisture removal), or dehumidifiers, or energy recovery ventilators (ERVs). Most houses also included an explicit means to deliver ventilation air to the conditioned space.

Battery-powered HOBO dataloggers to measure temperature and humidity were placed in various locations in the conditioned space and in some attics. Campbell dataloggers were also installed at some test sites to measure the runtime/status of the cooling, heating, dehumidification and ventilation systems. Data were collected at hourly intervals for several months at each site.

The data collected from the test homes were analyzed to understand when and for how long high humidity occurred in these homes. The analysis also evaluated how closely high humidity and the need for dehumidification corresponded to cooling operation.

The remainder of this document is organized into the following sections:

- Section 2 describes the test houses;
- Section 3 lists the instrumentation and data collection techniques as well as the types of data collected from each site;
- Section 4 describes the data analysis;
- Appendix A provides Tables showing high humidity events at each site;
- Appendix B gives Tables showing equipment runtime fractions at each site; and
- Appendix C presents a set of plots and graphs for each site.

2. House Characteristics

Table 1 and Table 2 summarize the characteristics of the tested homes by builder and location. The homes shaded as gray in the tables are standard home designs while the non-shaded table entries are higher performance Building America or Energy Star designs. The high performance Building America homes were built to an air tightness standard of 0.25 cfm₅₀ per square foot of envelope area. The standard houses typically have at least 50% more leakage.

#	HouseT ype	Builder No. / City	Stories	Floor Area (sq ft)	Whole- house Ventilation	Cooling System # AHUs / Type	Dehumidification Equipment ³
1	BA	1 / Houston	2	2386	CFI	1 / Std	Stand-alone DH, Closet
2	BA	1 / Houston	2	2397	CFI	1 / Std	Stand-alone DH, Closet
3	BA	1 / Houston	2	2397	CFI	1 / Std	Stand-alone DH, Attic
4	BA	1 / Houston	2	2448	CFI	1 / Std	Stand-alone DH, Attic
5	BA	1 / Houston	1	2100	into DH	1 / Std	High-performance DH
6	BA	1 / Houston	2	2448	into DH	1 / Std	High-performance DH
7	BA	1 / Houston	2	2397	into DH	1 / Std	High-performance DH
8	BA	1 / Houston	1	1830	into box	1 / Std	DH in Ducted Box
9	BA	1 / Houston	1	2100	into box	1 / Std	DH in Ducted Box
10	BA	1 / Houston	2	2386	into box	1 / Std	DH in Ducted Box
11	BA	1 / Houston	1	1830	into ERV	1 / Std	ERV
12	BA	1 / Houston	1	2197	into ERV	1 / Std	ERV
13	BA	1 / Houston	2	2448	into ERV	1 / Std	ERV
14	BA	1 / Houston	1	2197	CFI	1 / 2-Stage w/ECM indoor fan	-
15	BA	1 / Houston	2	2386	CFI	1 / Std	-
16	BA	1 / Houston	1	2197	CFI	1 / Std	-
17	BA	1 / Houston	2	2386	CFI	1 / Std	-
18	STD	1 / Houston	2	2448	none	1 / Std	-
19	STD	1 / Houston	1	2197	none	1 / Std	-
20	STD	1 / Houston	2	~3000	none	2 / Std	-
21	BA	1 / Jacksonville	1	~2500	CFI	1 / Std	Stand-alone DH, Closet
22	BA	1 / Jacksonville	2	~2800	CFI	1 / Std	Stand-alone DH, Closet
23	STD	1 / Ft Myers	1	~2000	none	1 / Std	-
24	STD	1 / Ft Myers	1	~2000	none	1 / Std	-

Table 1 Description of Homes – Builder 1

Notes: 1-Homes 1-17,21-22 are <u>high-performance</u> with unvented/conditioned attic, ducts in conditioned space, roof insulation, shingle roof. (home 22 has vented attic, BUT with ducts in conditioned space).

2-Homes 18-20, 23-24 are *std-performance* with vented attic, ducts in attic, ceiling insulation, shingle roof 18-20, tile roof 23-24

3-Stand alone Dehumidifiers are 50 pint/day units

#	House	Puildon No / City	Starias	Floor Area	Whole- house	Cooling System	Dehumidification
25	STD	2 / Houston	1	(sq 1t)	none	1 / slower fan speed	- Equipment
26	STD	2 / Houston	1		CFI	1 / Std	Site-built ducted DH
27	STD	2 / Houston	1		none	1 / Std	-
28	STD	2 / Houston	1		CFI	1 / Std	Site-built ducted DH
29	STD	2 / Houston	2		CFI	2 / timed low speed	5 minute low speed fan at beginning of cooling
30	STD	2 / Houston	2		CFI	2 / timed low speed	5 minute low speed fan at beginning of cooling
31	STD	2 / Houston	1	~2000	CFI	1 / slower fan speed	ECM indoor section fan with integrated humidistat
32	STD	2 / Houston	1	~2300	CFI	1 / Std	Ducted DH (after Jun-04)
33	STD	2 / Houston	1	~3500	CFI	2 / Std	Ducted DH
34	STD	2 / Austin	2		CFI	2 / Std	-
35	STD	2 / Austin	1		CFI	1 / Std	-
36	STD	2 / Austin	2		CFI	2 / Std	-
37	STD	2 / Dallas	1		CFI	1 / Std	-
38	STD	2 / Dallas	2		CFI	2 / Std	-
39	STD	2 / Dallas	1		CFI	1 / Std	-
40	STD	3 / Orlando	1	~3000	none	2 / Std	Ducted DH
41	ES	4 / Oklahoma City			CFI	1 / Std	-
42	ES	4 / Oklahoma City			CFI	1 / Std	-
43	ES	4 / Oklahoma City			CFI	1 / Std	-

Table 2 Description of Homes – Builder 2, 3 and 4

Notes: 1-Homes 25-40 are all <u>Std-Performance</u> with vented attic, ceiling insulation, ducts in attic, shingle roof

Homes 41-43 are all <u>Medium-Performance</u> Energy Star homes with vented attic, ceiling insulation, ducts in attic, shingle roof

In some cases, the homes used cooling systems with enhanced dehumidification features. One of these homes had a two-stage compressor system, four of them had either: 1) reduced blower speed when humidity levels were high and overcooling by up to three degrees below the thermostat setpoint; or 2) always reduced blower speed for the first 5 minutes of the cooling cycle. Most of the homes had whole-house ventilation systems. Most were of the central-fanintegrated supply ventilation system type, others had separate ventilation supply fans. Several types of dehumidification were used at the homes. Including:

- <u>Stand-alone, Closet</u>. A conventional stand-alone dehumidifier located in a closet, with a louvered door, near the central return air grille.
- <u>Stand-alone, Return, Attic</u>. A conventional stand-alone dehumidifier located in the attic (which is a conditioned space at these sites). A small branch of the return duct pulls air dehumidified air from the attic to dry the entire house.
- <u>Thermastor UltraAire</u>. A more efficient dehumidifier that also brought in fresh air from outdoors with a ratio of 1 part outside air to 2 parts inside air. This mixing ratio was required to avoid introducing high dewpoint air directly into cool central supply ducts.
- <u>Stand-alone, Ducted, Filter-Vent</u>. A conventional stand-alone dehumidifier located in a metal box in the attic. A Filter-Vent ventilation/filtration system pulls air from outdoors (1/3) and the space (2/3) moving that mixed air through the dehumidifier box and then to the central supply ducts.
- <u>Venmar ERV</u>. A Venmar energy recovery ventilator exchanges heat moisture between exhaust and ventilation air streams.
- <u>Aprilaire Model 1700</u>. A factory-built, ducted dehumidifier that includes an internal blower able to overcome the static pressure of a central duct system. The unit was installed in the attic.

3. Data Collection

Temperature and humidity conditions were measured at all the sites in one or more zones in the conditioned space. Typically, battery-powered HOBO dataloggers were used. Other dataloggers were installed to measure the runtime of heating, cooling and dehumidification equipment. Table 3 lists the sensors that were installed at each site. Typically temperature and relative humidity (T/RH) were recorded at 2 to 4 locations in the conditioned space in each house. Some sites recorded ambient conditions as well as conditions in the attic.

	Equipment Status/Runtime Sensors							T/RH Sensors ¹		
	Cooling	Supply Fan	Heating	Dehumidifier	DH Blower	Energy Recovery Ventilator	Filtration Fan	Ambient	No. of Space Sensors	No. of Attic Sensors
1	у	у	у	у					4	1
2	у	у	у	у					4	1
3	У	у	у	у					4	1
4	у	у	у	у					4	1
5	у	у	у	у	у				4	1
6	У	У	у	У	у				2	1
7	у	у	у	у	У				4	1
8	у	у	у	у			У		4	1
9	У	у	у	у			У		4	1
10	У	У	У	у			У		4	1
11	у	у	у			у			4	1
12	У	у	У			у			4	1
13	у	y	y			У			4	1
14	y	y V	y	у				X/	4	1
15	y	y	y					у	4	1
10	y	y V	y V						4	1
18	y	y V	y						4	1
19	y V	y V	y V						4	2
20	v/v	v/v^2	v/v						4	1
21	v	v	v	v				v	1	10
22	y	y	y	y					2	9
23								у	1	6
24								-	1	6
25	у	у	у	у				у	3	2
26									3	0
27									2	0
28									5	0
29									3	0
30									4	0
31	у	у	у	у				у	3	1
32	У	У	у	У				У	3	0
33	У	У	У	у				У	3	1
34									3	0
35									3	0
30									3	0
37								X/	3	0
39								У	3	0
40	V	v	v	V					2	1
41	3	9	3	3				v	3	0
42								v	3	0
43								v	3	0
Notes 1-	T/RH se	ensors are	typically	located i	s various	s indoor spac	ces inclu	ling near	thermostat,	living
	room, b	edrooms,	etc. Atti	c conditio	ons meas	ured at some	e sites	0	,	J
2-	Site 20	had both	upstairs a	nd downs	stairs uni	ts that were	monitore	d.		

 Table 3. Summary of Sensors Installed at the Test Homes

4. Analysis

Tables in Appendix A were designed to break down the measured relative humidity and temperature data into groupings that would facilitate an understanding of when, how often, and how long, relative humidity (RH) conditions existed at each site for every 5% increase between 50% and 70% RH. Temperature data from the thermostat location were included to give an understanding of how the temperature may have affected the indoor relative humidity.

For each house, tables are provided using hourly data based on the following scenarios:

- The *HIGHEST* humidity recorded in the space by any sensor,
- The AVERAGE of all the humidity sensors in the space

Multiple sets of tables are given for a particular site when there was more than 12 months of data available. The year(s) is noted on the top of each page/table. If 12 months or less data are available, the months are all recorded on a single page, even if the data crosses between two years (e.g., "2001, 2002"). In that case, if needed, the year corresponding to each month can be determined from the plots for each site given in Appendix B.

Data in the tables correspond to relative humidity thresholds of 50%, 55%, 60%, 65% and 70%. Generally the hours, percentage hours, and number of events will decrease as the humidity threshold increases. The specific meaning of the table entries are summarized here in Table 4.

	Description
total hours (%)	Percentage of available hourly data when humidity exceeds the RH threshold.
no of $\geq = 4$ h events	Number of events that were <u>4 hours</u> long or greater when the humidity exceeded the RH
	threshold. The humidity must exceed the threshold for every hour of the event or period.
	The events are included within the month which they start.
no of ≥ 8 h events	Number of events that were <u>8 hours</u> long or greater when the humidity exceeded the RH
	threshold. The humidity must exceed the threshold for every hour of the event or period.
	The events are included within the month which they start.
avg duration (h)	Average length (in hours) of <u>all</u> periods when the humidity exceeded a RH threshold
	(includes periods shorter than 4 hours).
max duration (h)	Maximum length (in hours) of <u>all</u> periods when the humidity exceeded a RH threshold
	(includes periods shorter than 4 hours).
avg temperature (F)	Average space temperature for hours when humidity exceeds the RH threshold.
	Temperature is from the corresponding space (i.e., average of all spaces, or highest
	space).

Table 4 Description of high humidity event table entries given in Appendix ALabel in TableDescription

In Appendix B, tables were developed and generated for each site where equipment runtime data were collected. By comparing the hours above humidity thresholds with occurrence of active cooling or dehumidification, inference can be made as to whether high humidity conditions can be linked to equipment operation. The specific meaning of the table entries are summarized here in Table 5.

Label in Table	Description
total hours (%)	Percentage of available hourly data when humidity exceeds the RH threshold.
hours with any cooling (%)	Percentage of hours exceeding the humidity threshold in which any cooling
	operation was recorded.
average cooling runtime	Average fraction of an hour that cooling was active during hours when the
fraction	humidity threshold was exceeded.
hours with any	Percentage of hours exceeding the humidity threshold in which any
dehumidification (%)	dehumidification operation was recorded.
average dehumidification	Average fraction of an hour that dehumidification was active during hours when
runtime fraction	the humidity threshold was exceeded.
hours with any fan-only	Percentage of hours exceeding the humidity threshold in which any fan-only
(%)	operation was recorded.
average fan-only runtime	Average fraction of an hour that fan-only was active during hours when the
fraction	humidity threshold was exceeded.
avg temperature (F)	Average space temperature for hours when humidity exceeds the RH threshold.
	Temperature is from the corresponding space (i.e., average of all spaces, or highest
	space).

Table 5 Description of equipment runtime table entries in Appendix B

Appendix C presents a set of figures that were developed from the data available from each site. A description of each figure along with its intended purpose is given below:

Time Series Plot:

This plot shows the daily average temperature, humidity ratio, and relative humidity for all the space conditions measured in each house. Each house typically had 3-5 sensors in the space.

Daily Temperature/Humidity Difference Plot:

This plot shows the difference between the thermostat sensor and the average of the other sensors in the house. Statistics indicate the degree of variation. Separate plots are given for the temperature and humidity.

Pysch Plot:

The Hourly data for each sensor in the house are shown on the pyschrometric chart. Each sensor is shown with a different symbol. The ASHRAE comfort zone for cooling is also shown on the plot for reference.

Runtime Shade Plots:

The runtime or status of the Cooling, Dehumidification and Heating equipment are qualitatively shown on three shade plots (at sites where that data was collected). Runtime is measured as the minutes of operation in each hour.

Greater amounts of runtime or operation for an hour are shown with darker shades of gray. Light gray indicates the unit was off for the hour.

Humidity Level Plots:

This shade plot indicates when the space humidity (measured at the thermostat) exceed various threshold levels. Separate plots are given for relative humidity and humidity ratio. Hours when the humidity was below 55% (or 75 gr/lb) are shown as light gray. Hours with higher humidity levels are shaded with successively darker shades of gray. This plot is useful for qualitatively understanding the timing and duration of the high humidity events. Both the time of day and seasonal variations can be discerned from the shade plot.

Humidity Histograms:

This histogram shows the number of hours at each humidity level. Histograms are given for relative humidity and humidity ratio. The hours in each bin are further identified as cooling or non-cooling hourrs (if runtime data were available). "Cooling Hours" indicate that the runtime was greater than zero for that hour. "Non-Cooling Hours" indicate that there was no AC operation for the hour.

Detailed Short Period Plots:

These plots show indoor temperature and humidity conditions, the outdoor humidity level, and the equipment runtime all on one plot. These plots are produced for some sites for key periods when the humidity exceeded 65% for several hours. The purpose of the plot is to help examine the causes of this specific high humidity event. One or two of these plots are provided if the humidity level exceeds 65%.

Histogram of Event Duration:

This histogram indicates the number of events where the space humidity exceeded 65% for various durations. This is a graphical representation of the data shown in the tables in Appendix A.

Appendix A High Humidity Event Tables

2001		Relative Humidity Threshold					
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	M	
Jan							
total hours (6)					ľ	
number of >= 4 h ever	ts						
number of >= 8 h ever	ts						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Feb						A	
total hours (9	6)						
number of >= 4 h ever	ts						
number of >= 8 h ever	ts						
avg duration (n)						
max duration (h)						
avg temperature (F)						
Mar						S	
total hours (9	(6)						
number of >= 4 h ever	ts						
number of >= 8 h ever	ts						
avg duration (n)						
max duration (n)						
avg temperature (-)						
Apr		1				C	
total hours ((6)						
number of >= 4 h ever	ts						
number of >= 8 h ever	ts						
avg duration (n)						
	n)						
avg temperature (-)						
total hours (0					n	
rumber of >= 4 h over	o)						
number of $>= 8$ h ever	te						
	13 h)						
max duration (h)						
ava temperature (=)						
Jun	7	L		L		п	
total hours (6)						
number of >= 4 h ever	ts						
number of >= 8 h ever	ts						
avg duration (h)						
max duration (h)						
avg temperature (F)						

Table 1. Site 1 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul								
total hours (%)								
number of >= 4 h events	; 							
number of >= 8 h events								
avg duration (h								
max duration (h								
avg temperature (F)							
Aug								
total hours (%								
number of >= 4 h events	i							
number of >= 8 h events								
avg duration (h								
max duration (h								
avg temperature (F)							
Sep		1		1				
total hours (%								
number of >= 4 h events								
number of >= 8 h events								
avg duration (h								
max duration (h	1							
avg temperature (F)							
Oct				1				
total hours (%)	100%	84%	30%	6%	2%			
number of >= 4 h events	0	11	6	2	1			
number of >= 8 h events	. 0	11	2	1	0			
avg duration (h)	22	9	6	5			
max duration (h		62	39	13	5			
avg temperature (F	77.6	78.3	81.0	83.8	82.5			
Nov				1				
total hours (%)	94%	82%	30%	3%	0%			
number of >= 4 h events	5 2	5	9	1				
number of >= 8 h events	1	5	7	1				
avg duration (h	143	114	14	4				
max duration (h)	562	331	56	13				
avg temperature (F	76.6	77.5	78.3	79.1				
Dec								
total hours (%)	82%	63%	39%	17%	1%			
number of >= 4 h events	3	6	5	5	1			
number of >= 8 h events	1	5	5	4	1			
avg duration (h	7	29	29	10	9			
max duration (h)	32	150	111	43	9			
avg temperature (F	72.5	72.4	73.6	75.1	75.7			

	2001	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Мо
lan							Jul
oun	total hours (%)						ou
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb							Au
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Mar							Se
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Apr			1	1	1		Oc
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
Mari	avg temperature (F)						No
мау	total basing (0/)		1	1	1		NO
	total nours (%)						
	number of $>= 4$ if events						
	number of ≥ 8 h events						
	avy duration (h)						
	max duration (ii)						
lun	avy temperature (F)						De
Jun	total hours (%)						De
	number of $>= 4$ h events						
	number of $>= 8 h events$						
	ava duration (h)						
	max duration (h)						
	avo temperature (F)						

Table 2. Site 1 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

2001	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
Jul									
total hours (%)									
number of >= 4 h events									
number of >= 8 h events									
avg duration (h)									
max duration (h)									
avg temperature (F)									
Aug									
total hours (%)									
number of >= 4 h events									
number of >= 8 h events									
avg duration (h)									
max duration (h)									
avg temperature (F)									
Sep									
total hours (%)									
number of >= 4 h events									
number of >= 8 h events									
avg duration (h)									
max duration (h)									
avg temperature (F)									
Oct									
total hours (%)	97%	52%	18%	3%	0%				
number of >= 4 h events	3	8	2	1	0				
number of >= 8 h events	3	6	2	1	0				
avg duration (h)	103	14	30	10	1				
max duration (h)	138	49	31	10	1				
avg temperature (F)	76.3	78.4	81.5	83.3	81.2				
Nov									
total hours (%)	91%	71%	15%	0%	0%				
number of >= 4 h events	4	8	5						
number of >= 8 h events	3	6	5						
avg duration (h)	157	41	8						
max duration (h)	413	231	23						
avg temperature (F)	75.8	76.7	77.2						
Dec									
total hours (%)	76%	51%	31%	5%	0%				
number of >= 4 h events	6	6	5	1	0				
number of >= 8 h events	5	5	5	1	0				
avg duration (h)	95	48	46	9	2				
max duration (h)	219	133	98	31	2				
avg temperature (F)	71.4	71.7	73.5	73.0	74.9				

	2002	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jan									
	total hours (%)	52%	29%	16%	6%	0%			
	number of >= 4 h events	7	5	2	2				
	number of >= 8 h events	4	5	2	2				
	avg duration (h)	33	20	17	21				
	max duration (h)	111	83	68	21				
	avg temperature (F)	73.6	75.4	77.3	78.7				
Feb									
	total hours (%)	34%	11%	0%	0%	0%			
	number of >= 4 h events	6	5	0					
	number of >= 8 h events	4	3	0					
	avg duration (h)	22	10	2					
	max duration (h)	101	29	2					
	avg temperature (F)	72.9	74.3	62.9					
Mar									
	total hours (%)	70%	46%	23%	5%	0%			
	number of >= 4 h events	4	7	6	3				
	number of >= 8 h events	3	7	5	3				
	avg duration (h)	205	30	18	8				
	max duration (h)	1353	96	55	14				
	avg temperature (F)	75.6	76.7	78.1	79.5				
Apr									
	total hours (%)	100%	91%	62%	33%	4%			
	number of >= 4 h events	0	15	23	22	2			
	number of >= 8 h events	0	15	21	12	1			
	avg duration (h)		41	12	7	5			
	max duration (h)		170	59	25	13			
	avg temperature (F)	74.0	74.2	75.2	76.1	78.3			
May									
	total hours (%)	99%	82%	40%	11%	0%			
	number of >= 4 h events	2	23	22	7	0			
	number of >= 8 h events	2	23	16	3	0			
	avg duration (h)	94	19	7	4	1			
	max duration (h)	164	65	23	12	1			
	avg temperature (F)	74.3	74.8	75.9	77.2	72.5			
Jun									
	total hours (%)	100%	86%	45%	7%	2%			
	number of >= 4 h events	0	20	29	5	2			
	number of >= 8 h events	0	20	12	1	0			
	avg duration (h)		29	5	3	4			
	max duration (h)		115	16	13	7			
	avg temperature (F)	75.9	76.3	77.1	78.6	78.9			

Table 3. Site 1 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2	002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jul								
	total hours (%)	100%	87%	46%	10%	1%		
numb	er of >= 4 h events	0	16	25	7	0		
numb	er of >= 8 h events	0	16	14	0	0		
	avg duration (h)		26	6	3	2		
	max duration (h)		61	28	7	3		
a	vg temperature (F)	76.1	76.4	77.7	78.8	80.5		
Aug		1000/	070/	= 404	70/	10/		
	total hours (%)	100%	87%	51%	7%	1%		
numb	er of >= 4 h events	0	17	25	6	0		
numb	er of >= 8 h events	0	17	14	1	0		
	avg duration (n)		30	7	3	3		
-	max duration (n)	77.0	117	80	13	3		
e an	vg temperature (F)	//.0	77.9	79.5	78.3	80.0		
Sep	total hours (9/)	100%	950/	E 20/	100/	10/		
numb	or of $> - 4$ b over the	100%	00%	33%	1276	170		
numb	er of >= 8 h events	0	21	18	5	0		
numb	er of zero of the error of the	0	20	10	5	2		
	max duration (h)		140	38	15	2		
а	va temperature (F)	75.8	76.2	77.0	78.3	79.4		
Oct		10.0	10.2	11.0	10.0	70.1		
•••	total hours (%)	100%	91%	54%	3%	0%		
numb	er of >= 4 h events	0	10	15	2	0		
numb	er of >= 8 h events	0	9	11	0	0		
	avg duration (h)		29	10	3	2		
	max duration (h)		97	55	5	2		
а	vg temperature (F)	75.0	75.1	75.7	75.5	72.1		
Nov								
	total hours (%)							
numb	er of >= 4 h events							
numb	er of >= 8 h events							
	avg duration (h)							
	max duration (h)							
a	vg temperature (F)							
Dec								
	total hours (%)							
numb	er of >= 4 h events							
numb	er of >= 8 h events							
	avg duration (h)							
	max duration (h)							
a	vg temperature (F)							

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	45%	23%	14%	0%	0%		
	number of >= 4 h events	5	5	2				
	number of >= 8 h events	4	3	2				
	avg duration (h)	37	24	35				
	max duration (h)	107	79	65				
	avg temperature (F)	73.3	75.2	77.0				
Feb								
	total hours (%)	26%	7%	0%	0%	0%		
	number of >= 4 h events	4	4					
	number of >= 8 h events	4	2					
	avg duration (h)	19	8					
	max duration (h)	92	25					
	avg temperature (F)	72.6	73.5					
Mar								
	total hours (%)	64%	39%	17%	0%	0%		
	number of >= 4 h events	6	8	4	0			
	number of >= 8 h events	6	8	3	0			
	avg duration (h)	63	29	15	1			
	max duration (h)	206	75	51	1			
	avg temperature (F)	74.8	76.3	77.8	66.8			
Apr								
	total hours (%)	99%	77%	55%	13%	2%		
	number of >= 4 h events	4	25	22	7	1		
	number of >= 8 h events	4	23	18	4	0		
	avg duration (h)	220	21	16	5	3		
	max duration (h)	645	72	58	19	4		
	avg temperature (F)	72.9	73.7	74.6	76.4	77.5		
Мау								
	total hours (%)	95%	67%	27%	2%	0%		
	number of >= 4 h events	13	32	17	2			
	number of >= 8 h events	13	27	10	0			
	avg duration (h)	46	13	7	4			
	max duration (h)	213	39	16	7			
	avg temperature (F)	73.3	74.4	75.1	79.5			
Jun				-		1		
	total hours (%)	97%	77%	24%	3%	1%		
	number of >= 4 h events	8	24	13	2	0		
	number of >= 8 h events	8	22	4	1	0		
	avg duration (h)	144	15	3	5	2		
	max duration (h)	840	113	16	13	3		
	avg temperature (F)	75.0	75.6	76.5	78.0	78.1		

Table 4. Site 1 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002		Relative	Humidity Th	nreshold	-
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul						
oui	total hours (%)	100%	70%	30%	2%	0%
	number of $>= 4$ h events	1	27	24	0	0
	number of >= 8 h events	1	23	8	0	0
	avg duration (h)	48	12	5	2	3
	max duration (h)	48	38	14	3	3
	avg temperature (F)	75.2	76.1	77.8	80.1	81.2
Aug						
	total hours (%)	95%	62%	25%	1%	1%
	number of >= 4 h events	10	33	16	1	0
	number of >= 8 h events	10	18	6	0	0
	avg duration (h)	71	9	7	3	2
	max duration (h)	283	80	26	4	3
	avg temperature (F)	76.7	77.8	80.3	78.9	78.7
Sep						
	total hours (%)	93%	60%	22%	3%	0%
	number of >= 4 h events	14	28	11	2	
	number of >= 8 h events	13	22	9	0	
	avg duration (h)	40	9	6	3	
	max duration (h)	192	43	25	5	
	avg temperature (F)	75.0	75.9	77.2	78.0	
Oct						
	total hours (%)	96%	64%	10%	0%	0%
	number of >= 4 h events	7	15	5	0	
	number of >= 8 h events	7	11	2	0	
	avg duration (h)	47	11	5	2	
	max duration (h)	200	61	15	2	
	avg temperature (F)	74.0	74.5	74.6	71.2	
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec			1			
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2001	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Mont
lan							Jul
Van	total hours (%)						oui
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb							Aug
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Mar							Sep
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						_
Apr				1	1	1	Oct
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (n)						
Mari	avg temperature (F)						Marri
way	total basing (0/)			1	1	1	NOV
	total nours (%)						
	number of >= 4 h events						
	number of ≥ 0 if evenits						
	avy duration (II)						
	max duration (n)						
lun	avy temperature (F)						Dec
Jun	total hours (%)						Dec
	number of $>= 4$ h events					+	
	number of $>= 8 h events$					+	
	ava duration (h)					+	
	max duration (h)					+	
	avg temperature (F)					+	

Table 5. Site 2 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001	Relative Humidity Threshold					
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jul						
total hours (%)						
number of >= 4 h events						
number of >= 8 h events						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Aug						
total hours (%)						
number of >= 4 h events						
number of >= 8 h events						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Sep						
total hours (%)						
number of >= 4 h events						
number of >= 8 h events						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Oct						
total hours (%)	92%	72%	45%	17%	0%	
number of >= 4 h events	8	10	16	7	0	
number of >= 8 h events	6	10	10	1	0	
avg duration (h)	42	30	6	3		
max duration (h)	188	146	40	9		
avg temperature (F)	73.4	73.7	74.1	74.3	74.8	
Nov						
total hours (%)	92%	67%	12%	3%	0%	
number of >= 4 h events	7	25	8	1	0	
number of >= 8 h events	5	19	2	1	0	
avg duration (h)	95	12	3	3		
max duration (h)	373	90	15	10		
avg temperature (F)	71.7	71.8	72.3	72.6	72.5	
Dec						
total hours (%)	62%	42%	15%	6%	0%	
number of >= 4 h events	9	13	9	2	0	
number of >= 8 h events	6	6	5	0	0	
avg duration (h)	18	14	5	2	1	
max duration (h)	137	184	19	7	1	
avg temperature (F)	72.7	72.6	72.0	71.7	71.8	

	2001		Relative	Humidity T	hreshold			
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							Aug	
	total hours (%)							
	number of >= 4 h events							I
	number of >= 8 h events							r
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							I
	number of >= 8 h events							I
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							r
	number of >= 8 h events							r
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Мау							Nov	
	total hours (%)							
	number of >= 4 h events							r
	number of >= 8 h events							r
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun							Dec	
	total hours (%)							
	number of >= 4 h events							1
	number of >= 8 h events							r
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

Table 6. Site 2 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

2001	Relative Humidity Threshold					
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jui			1	1	1	
total hours (%)						
number of >= 4 h events						
number of ≥ 8 h events						
avg duration (n)						
max duration (n)						
avg temperature (F)						
Aug						
Iotal Hours (%)						
number of $y = 4$ h events						
$\frac{1}{2} = 0 + \frac{1}{2} = 0 + $						
avg duration (h)						
ava tomporaturo (E)						
avg temperature (r)						
total hours (%)						
number of >-4 b events						
number of $>= 8$ h events						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Oct						
total hours (%)	82%	63%	34%	7%	0%	
number of $>= 4$ h events	8	14	16	1	0,0	
number of $>= 8$ h events	6	12	7	0		
avg duration (h)	38	25	5	2		
max duration (h)	166	86	39	5		
avg temperature (F)	72.7	73.0	73.4	73.8		
Nov			1	1		
total hours (%)	84%	39%	2%	0%	0%	
number of >= 4 h events	5	23	2			
number of >= 8 h events	5	12	0			
avg duration (h)	88	6	3			
max duration (h)	350	27	4			
avg temperature (F)	71.1	71.4	71.9			
Dec						
total hours (%)	46%	24%	10%	2%	0%	
number of >= 4 h events	12	3	8	0	0	
number of >= 8 h events	7	2	5	0	0	
avg duration (h)	20	20	5	2	1	
max duration (h)	206	153	14	3	1	
avg temperature (F)	71.6	71.0	71.1	70.9	71.4	

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	32%	10%	2%	0%	0%		
	number of >= 4 h events	15	5	1	0			
	number of >= 8 h events	13	3	0	0			
ı.	avg duration (h)	7	3	2	2			
	max duration (h)	25	13	5	2			
	avg temperature (F)	75.3	76.1	76.5	76.6			
Feb								
	total hours (%)	16%	3%	0%	0%	0%		
	number of >= 4 h events	7	1	0				
	number of >= 8 h events	5	1	0				
	avg duration (h)	5	2					
	max duration (h)	38	8					
	avg temperature (F)	74.9	74.6	73.8				
Mar								
	total hours (%)	47%	23%	5%	1%	1%		
	number of >= 4 h events	14	12	1	1	1		
	number of >= 8 h events	10	7	1	0	0		
	avg duration (h)	17	5	2	5	4		
	max duration (h)	102	40	10	5	4		
	avg temperature (F)	76.1	76.2	76.6	75.5	75.6		
Apr						-		
	total hours (%)	52%	19%	6%	1%	0%		
	number of >= 4 h events	14	6	3	1			
	number of >= 8 h events	8	4	1	0			
	avg duration (h)	6	3	3	2			
	max duration (h)	123	17	9	5			
	avg temperature (F)	76.0	76.3	77.1	76.5			
May								
	total hours (%)	63%	41%	15%	0%	0%		
	number of >= 4 h events	5	16	4	0			
	number of >= 8 h events	4	9	0	0			
	avg duration (h)	42	6	2	1			
1	max duration (h)	288	48	7	1			
ı.	avg temperature (F)	75.0	75.0	75.1	76.9			
Jun								
	total hours (%)	97%	67%	19%	1%	0%		
	number of >= 4 h events	0	21	7	0			
	number of >= 8 h events	0	11	2	0			
1	avg duration (h)	1	7	2	2			
	max duration (h)	2	204	10	2			
	avg temperature (F)	75.6	75.8	76.2	76.4			

Table 7. Site 2 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002			Relative	Humidity TI	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul						
oui	total hours (%)	99%	84%	24%	1%	0%
	number of $>= 4$ h events	2	26	9	0	0,0
	number of >= 8 h events	0	15	0	0	
	avg duration (h)	4	14	2	1	
	max duration (h)	6	146	8	2	
	avg temperature (F)	76.6	76.7	76.8	77.0	
Aug			1			1
•	total hours (%)	95%	31%	1%	0%	0%
	number of >= 4 h events	16	14	0		
	number of >= 8 h events	13	5	0		
	avg duration (h)	59	3	2		
	max duration (h)	814	22	3		
	avg temperature (F)	76.2	76.3	77.6		
Sep						
	total hours (%)	100%	54%	6%	0%	0%
	number of >= 4 h events	0	29	2		
	number of >= 8 h events	0	10	0		
	avg duration (h)		5	2		
	max duration (h)		47	7		
	avg temperature (F)	75.6	75.7	75.9		
Oct						
	total hours (%)	92%	56%	11%	0%	0%
	number of >= 4 h events	2	13	2		
	number of >= 8 h events	2	9	0		
	avg duration (h)	75	7	2		
	max duration (h)	209	38	5		
	avg temperature (F)	75.1	75.1	75.0		
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2002		Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
lan									
Jan	total hours (%)	6%	0%	0%	0%	0%			
	number of $>= 4$ h events	4	0						
	number of >= 8 h events	2	0						
	avg duration (h)	3							
	max duration (h)	9							
	avg temperature (F)	75.3	75.9						
Feb	<u> </u>					<u>.</u>			
	total hours (%)	2%	0%	0%	0%	0%			
	number of >= 4 h events	1							
	number of >= 8 h events	0							
	avg duration (h)	3							
	max duration (h)	7							
	avg temperature (F)	73.8							
Mar					1				
	total hours (%)	24%	4%	1%	0%	0%			
	number of >= 4 h events	13	1	1					
	number of >= 8 h events	7	1	0					
	avg duration (h)	4	2	4					
	max duration (h)	28	11	4					
	avg temperature (F)	75.1	75.1	73.5					
Apr									
•	total hours (%)	26%	5%	1%	0%	0%			
	number of >= 4 h events	10	2	1					
	number of >= 8 h events	7	0	0					
	avg duration (h)	3	3	6					
	max duration (h)	16	8	6					
	avg temperature (F)	75.1	76.0	77.4					
May						-			
	total hours (%)	60%	33%	8%	0%	0%			
	number of >= 4 h events	6	16	0					
	number of >= 8 h events	3	9	0					
	avg duration (h)	48	5	2					
	max duration (h)	273	34	4					
	avg temperature (F)	74.3	74.4	74.6					
Jun									
	total hours (%)	96%	53%	12%	0%	0%			
	number of >= 4 h events	2	16	3	0				
	number of >= 8 h events	2	7	0	0				
	avg duration (h)	51	6	2	1				
	max duration (h)	126	124	7	1				
	avg temperature (F)	75.0	75.4	75.7	75.2				

Table 8. Site 2 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002	Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jul							
total hours (%) 96%	65%	16%	0%	0%		
number of >= 4 h events	s 2	23	3	0			
number of >= 8 h events	s 1	12	0	0			
avg duration (h) 4	6	2	1			
max duration (h) 17	65	5	1			
avg temperature (F) 76.0	76.2	76.1	75.2			
Aug							
total hours (%) 76%	16%	0%	0%	0%		
number of >= 4 h events	s 29	6					
number of >= 8 h events	s 17	1					
avg duration (h) 15	2					
max duration (h) 261	11					
avg temperature (F) 75.4	75.4					
Sep							
total hours (%) 95%	35%	2%	0%	0%		
number of >= 4 h events	s 12	17	0				
number of >= 8 h events	s <u>1</u> 0	7	0				
avg duration (h) 24	3	2				
max duration (h) 141	20	3				
avg temperature (F) 74.9	74.9	74.7				
Oct							
total hours (%) 85%	43%	0%	0%	0%		
number of >= 4 h events	6 6	11	0				
number of >= 8 h events	5 5	7	0				
avg duration (h) 38	5					
max duration (h) 187	26					
avg temperature (F) 74.5	74.5	75.9				
NOV							
total nours (%)						
number of >= 4 h events	6						
number of >= 8 n events	6						
avg duration (n	2						
	2						
avg temperature (F)						
total hours (0/	\						
1000000000000000000000000000000000000							
number of >= off events	<u> </u>						
avy duration (h	<u></u>						
ava temperature (F	<u> </u>						
avy temperature (F	/						

2001		Relative Humidity Threshold				2001	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan						Jul	
total hours (%	.)					• •	tota
number of >= 4 h event	s						number of >=
number of $>= 8$ h event	s						number of >=
avg duration (h	1)						avo
max duration (h	Ú.						max
avg temperature (F	í)						avg tem
Feb	/	1	1	1		Aug	
total hours (%	5)						tota
number of >= 4 h event	s						number of >=
number of >= 8 h event	s						number of >=
avg duration (h	1)						avg
max duration (h	Ú)						max
avg temperature (F	j –						ava tem
Mar	/	1	1	1		Sep	
total hours (%	5)					•	tota
number of >= 4 h event	s						number of >=
number of >= 8 h event	s						number of >=
avg duration (h	1)						avq
max duration (h	j)						max
avg temperature (F)						avg tem
Apr	<u></u>	1	1			Oct	
total hours (%	.)						tota
number of >= 4 h event	s						number of >=
number of >= 8 h event	s						number of >=
avg duration (h	1)						avg
max duration (h	i)						max
avg temperature (F	-)						avg tem
May	<u></u>	·	·			Nov	ŭ .
total hours (%	o)						tota
number of >= 4 h event	s						number of >=
number of >= 8 h event	s						number of >=
avg duration (h	1)						avg
max duration (h	i)						max
avg temperature (F	-)						avg tem
Jun	<u></u>					Dec	
total hours (%	b)						tota
number of >= 4 h event	s						number of >=
number of >= 8 h event	s						number of >=
avg duration (h	ı)						avg
max duration (h	ı)						max
avg temperature (F	-)						avg tem

Table 9. Site 3 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lul					
total hours (%	6) 100%	23%	0%	0%	0%
number of >= 4 h even	ts 0	0			
number of >= 8 h even	ts 0	0			
avg duration (ר)	3			
max duration () (r	3			
avg temperature (I) 76.2	77.6			
Aug					
total hours (%	6) 27%	1%	0%	0%	0%
number of >= 4 h even	ts 19	0			
number of >= 8 h even	ts 5	0			
avg duration (n) 3	1			
max duration (I	1) 9	2			
avg temperature (I	-) 76.3	75.4			
Бер					
total hours (%	6) 47%	6%	1%	0%	0%
number of >= 4 h even	ts 25	1	0		
number of >= 8 h even	ts 11	1	0		
avg duration (l	ר) 4	2	1		
max duration (I	ר) <u>31</u>	12	1		
avg temperature (I	-) 76.3	75.8	75.2		
Dct					
total hours (%	67%	23%	3%	0%	0%
number of >= 4 h even	ts 36	13	0	0	0
number of >= 8 h even	ts 27	2	0	0	0
avg duration (I	1) 8	3	1	1	1
max duration (I	ר) 23	10	2	1	1
avg temperature (I) 74.8	75.1	75.1	75.9	76.6
Nov				1	1
total hours (%	68%	32%	4%	1%	0%
number of >= 4 h even	ts 25	16	0	0	
number of >= 8 h even	ts 22	6	0	0	
avg duration (ר) <u>9</u>	3	1	1	
max duration (ר) 45	16	3	2	
avg temperature (I	-) 75.0	75.2	74.4	74.6	
Dec					
total hours (%	6) 77%	41%	14%	2%	0%
number of >= 4 h even	ts 19	22	6	0	0
number of >= 8 h even	ts 15	14	1	0	0
avg duration (נו) 20	7	2	2	
max duration (116 (n	43	10	2	
avg temperature (I	-) 73.7	74.4	74.7	74.2	73.2

Relative Humidity Threshold

	2001	Relative	Humidity Threshold			2001		Relative	Humidity Th	nreshold	
Month		Above 50% Above 55%	Above 60% Above 65%	6 Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan					Jul						
	total hours (%)					total hours (%)	54%	0%	0%	0%	0%
	number of >= 4 h events					number of >= 4 h events	1				
	number of >= 8 h events					number of >= 8 h events	0				
	avg duration (h)					avg duration (h)	4				
	max duration (h)					max duration (h)	6				
	avg temperature (F)					avg temperature (F)	75.1				
Feb					Aug	<u> </u>					
	total hours (%)				_	total hours (%)	5%	0%	0%	0%	0%
	number of >= 4 h events					number of >= 4 h events	3				
	number of >= 8 h events					number of >= 8 h events	0				
	avg duration (h)					avg duration (h)	2				
	max duration (h)					max duration (h)	6				
	avg temperature (F)					avg temperature (F)	75.4				
Mar					Sep	. , ,					
	total hours (%)				-	total hours (%)	15%	0%	0%	0%	0%
	number of >= 4 h events					number of >= 4 h events	6				
	number of >= 8 h events					number of >= 8 h events	1				
	avg duration (h)					avg duration (h)	2				
	max duration (h)					max duration (h)	12				
	avg temperature (F)					avg temperature (F)	74.9				
Apr	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				Oct	3 1	-				
•	total hours (%)					total hours (%)	27%	1%	0%	0%	0%
	number of >= 4 h events					number of >= 4 h events	14	0			
	number of >= 8 h events					number of >= 8 h events	3	0			
	avg duration (h)					avg duration (h)	2	1			
	max duration (h)					max duration (h)	9	1			
	avg temperature (F)					avg temperature (F)	73.8	74.1			
May			÷		Nov	<u> </u>					
-	total hours (%)					total hours (%)	37%	2%	0%	0%	0%
	number of >= 4 h events					number of >= 4 h events	20	0			
	number of >= 8 h events					number of >= 8 h events	6	0			
	avg duration (h)					avg duration (h)	3	1			
	max duration (h)					max duration (h)	18	2			
	avg temperature (F)					avg temperature (F)	74.1	73.5			
Jun					Dec						
	total hours (%)					total hours (%)	46%	13%	0%	0%	0%
	number of >= 4 h events					number of $>= 4$ h events	19	5	0		
1	number of >= 8 h events					number of >= 8 h events	13	1	0		
1	avg duration (h)					avg duration (h)	10	2	1		
1	max duration (h)			1		max duration (h)	63	10	1		
1	avg temperature (F)					avg temperature (F)	73.0	73.2	73.3		
				1			10.0	70.2	, 5.5		

Table 10. Site 3 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

	2002	Relative Humidity Threshold								
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
.lan										
Jan	total hours (%)	68%	38%	19%	6%	0%				
	number of $>= 4$ h events	11	9	5	1					
	number of >= 8 h events	7	5	3	1					
	avg duration (h)	19	8	5	2					
	max duration (h)	113	54	32	13					
1	avg temperature (F)	73.0	73.5	74.6	76.0					
Feb			1							
	total hours (%)	71%	22%	5%	1%	0%				
	number of >= 4 h events	17	9	3	0					
	number of >= 8 h events	16	5	0	0					
	avg duration (h)	21	5	3	2					
	max duration (h)	96	22	7	2					
	avg temperature (F)	71.7	73.3	73.3	74.7					
Mar			1							
	total hours (%)	79%	55%	23%	3%	1%				
	number of >= 4 h events	11	26	14	0	0				
	number of >= 8 h events	11	22	4	0	0				
	avg duration (h)	31	8	3	1	1				
	max duration (h)	192	39	15	3	2				
	avg temperature (F)	72.4	72.8	73.2	73.4	73.7				
Apr										
•	total hours (%)	93%	60%	26%	2%	0%				
	number of >= 4 h events	16	30	12	0					
	number of >= 8 h events	16	23	4	0					
	avg duration (h)	29	6	3	1					
	max duration (h)	115	21	12	2					
	avg temperature (F)	74.6	74.5	74.4	74.9					
May										
	total hours (%)	57%	15%	3%	0%	0%				
	number of >= 4 h events	30	8	0	0					
	number of >= 8 h events	18	1	0	0					
	avg duration (h)	6	2	1	1					
	max duration (h)	42	9	3	1					
	avg temperature (F)	75.3	75.5	76.2	76.3					
Jun										
	total hours (%)	25%	3%	0%	0%	0%				
	number of >= 4 h events	11	0	0						
	number of >= 8 h events	4	0	0						
	avg duration (h)	3	2	1						
	max duration (h)	19	2	1						
1	avg temperature (F)	75.7	76.3	77.3						

Table 11. Site 3 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Iul					
total hours (%)	16%	1%	0%	0%	0%
number of ≥ 4 h events	7	0	070	070	0,0
number of $>= 8$ h events	3	0			
avg duration (h)	3	1			
max duration (h)	15	2			
avg temperature (F)	76.4	76.5			
Aug					
total hours (%)	16%	2%	0%	0%	0%
number of >= 4 h events	6	0			
number of >= 8 h events	2	0			
avg duration (h)	2	1			
max duration (h)	14	3			
avg temperature (F)	76.0	75.9			
Sep					
total hours (%)	13%	2%	0%	0%	0%
number of >= 4 h events	4	0	0		
number of >= 8 h events	0	0	0		
avg duration (h)	2	1			
max duration (h)	6	2			
avg temperature (F)	74.3	74.5	74.5		
Oct					
total hours (%)	33%	5%	0%	0%	0%
number of >= 4 h events	10	0	0	0	
number of >= 8 h events	5	0	0	0	
avg duration (h)	4	1	1	1	
max duration (h)	14	2	1	1	
avg temperature (F)	73.5	73.7	74.2	73.8	
Nov					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Dec					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					

	2002	Relative Humidity Threshold								
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
Jan										
	total hours (%)	39%	16%	5%	0%	0%				
	number of >= 4 h events	6	3	1						
	number of >= 8 h events	4	2	1						
	avg duration (h)	10	7	3						
	max duration (h)	54	43	13						
	avg temperature (F)	72.4	74.0	74.9						
Feb										
	total hours (%)	30%	4%	0%	0%	0%				
	number of >= 4 h events	14	1							
	number of >= 8 h events	5	0							
	avg duration (h)	7	2							
	max duration (h)	50	7							
	avg temperature (F)	72.7	73.9							
Mar										
	total hours (%)	62%	26%	3%	0%	0%				
	number of >= 4 h events	17	13	0	0					
	number of >= 8 h events	15	5	0	0					
	avg duration (h)	14	3	2	1					
	max duration (h)	92	16	3	1					
	avg temperature (F)	72.0	72.3	72.6	74.0					
Apr		_	-	-	-	Į				
•	total hours (%)	73%	31%	0%	0%	0%				
	number of >= 4 h events	31	17	0						
	number of >= 8 h events	27	3	0						
	avg duration (h)	8	3	1						
	max duration (h)	43	12	1						
	avg temperature (F)	73.7	73.7	74.8						
May			-	-						
-	total hours (%)	29%	4%	0%	0%	0%				
	number of >= 4 h events	12	0							
	number of >= 8 h events	6	0							
	avg duration (h)	3	1							
	max duration (h)	16	4							
	avg temperature (F)	74.4	75.2							
Jun				1	1	1				
	total hours (%)	5%	0%	0%	0%	0%				
	number of >= 4 h events	1								
	number of >= 8 h events	0								
	avg duration (h)	2								
	max duration (h)	4								
	avg temperature (F)	75.1								

Table 12. Site 3 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002		Relative	Humidity TI	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul						
• ai	total hours (%)	4%	0%	0%	0%	0%
	number of >= 4 h events	1				
	number of >= 8 h events	0				
	avg duration (h)	2				
	max duration (h)	4				
	avg temperature (F)	75.4				
Aug						
	total hours (%)	1%	0%	0%	0%	0%
	number of >= 4 h events	0				
	number of >= 8 h events	0				
	avg duration (h)	2				
	max duration (h)	3				
	avg temperature (F)	75.3				
Sep						
	total hours (%)	1%	0%	0%	0%	0%
	number of >= 4 h events	0	0			
	number of >= 8 h events	0	0			
	avg duration (h)	1				
	max duration (h)	2				
	avg temperature (F)	73.8	74.3			
Oct						
	total hours (%)	8%	1%	0%	0%	0%
	number of >= 4 h events	2	0	0		
	number of >= 8 h events	0	0	0		
	avg duration (h)	2	2	1		
	max duration (h)	6	2	1		
	avg temperature (F)	73.1	73.5	73.4		
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec			1	1		1
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2002	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
.lan									
oun	total hours (%)	43%	20%	0%	0%	0%			
	number of $>= 4$ h events	1	3	0,0	0,0	0,0			
	number of $>= 8$ h events	1	1						
	avg duration (h)	72	6						
	max duration (h)	72	21						
	avg temperature (F)	83.2	83.7						
Feb	<u> </u>			1					
	total hours (%)	1%	0%	0%	0%	0%			
	number of >= 4 h events	1							
	number of >= 8 h events	0							
	avg duration (h)	5							
	max duration (h)	7							
	avg temperature (F)	82.1							
Mar									
	total hours (%)	35%	13%	6%	1%	0%			
	number of >= 4 h events	8	6	4	0				
	number of >= 8 h events	7	4	1	0				
	avg duration (h)	26	7	7	1				
	max duration (h)	78	32	18	2				
	avg temperature (F)	83.2	84.5	85.1	85.8				
Apr									
	total hours (%)	69%	26%	7%	0%	0%			
	number of >= 4 h events	17	9	5	0				
	number of >= 8 h events	17	5	1	0				
	avg duration (h)	23	13	4	2				
	max duration (h)	102	67	12	2				
	avg temperature (F)	86.5	87.8	88.3	87.7				
May									
	total hours (%)	62%	30%	9%	2%	0%			
	number of >= 4 h events	29	15	4	2	0			
	number of >= 8 h events	22	9	4	1	0			
	avg duration (h)	10	5	5	5	1			
	max duration (h)	46	23	21	9	1			
	avg temperature (F)	85.2	86.8	89.3	89.4	89.1			
Jun			_	1					
	total hours (%)	77%	52%	19%	2%	0%			
	number of >= 4 h events	24	25	12	1	0			
	number of >= 8 h events	24	18	5	0	0			
	avg duration (h)	22	9	5	2				
	max duration (h)	112	34	19	5				
	avg temperature (F)	86.0	87.0	87.5	87.2	86.6			

Table 13. Site 4 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

	2002		Relative	Humidity Th	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
montari		1.0010.0070	1.0010.0070		/	1.00101070
Jul						
	total hours (%)	70%	50%	30%	12%	3%
	number of >= 4 h events	23	22	19	6	1
	number of >= 8 h events	20	16	9	1	0
	avg duration (h)	14	13	7	4	2
	max duration (h)	51	48	22	19	4
	avg temperature (F)	85.7	86.5	87.2	87.3	87.3
Aug						
	total hours (%)	61%	15%	1%	0%	0%
	number of >= 4 h events	37	4	0		
	number of >= 8 h events	17	1	0		
	avg duration (h)	5	2	1		
	max duration (h)	25	13	2		
	avg temperature (F)	80.1	79.8	79.6		
Sep						
	total hours (%)	81%	42%	12%	4%	1%
	number of >= 4 h events	27	24	4	2	0
	number of >= 8 h events	19	10	1	0	0
	avg duration (h)	14	5	3	2	2
	max duration (h)	130	39	14	6	3
	avg temperature (F)	80.9	80.7	79.5	78.9	78.8
Oct						
	total hours (%)	81%	54%	4%	0%	0%
	number of $>= 4$ h events	8	16	2		
	number of >= 8 h events	7	12	0		
	avg duration (h)	19	8	2		
	max duration (h)	148	25	6		
	avg temperature (F)	81.4	81.4	80.9		
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
_	avg temperature (F)					
Dec	total have (0/)					1
	total noul's (%)					
	number of >= 4 n events					
	number of $>= 8$ n events					
	avg duration (h)					
	max duration (n)					
	avg temperature (F)					

	2002		Relative	e Humidity 1	hreshold			2002		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	% Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan	total hours (9/)	10/	00/	00/	<u></u>	/ 09/	Jui	total hours (9/)	E 20/	220/	10/	00/	09/
	101a110015(70)	1 %	0%	5 0%	b 07	0 0 70		101a110015 (70)	2/	13	4%	070	076
	number of $>= 8$ h events	0						number of $>= 8$ h events	18	13	2		
	ava duration (b)	2						ava duration (b)	10	5	2		
	max duration (h)	2						max duration (h)	13	25	2		
	ava temperature (F)	83.2						ava temperature (F)	84.9	85.0	85.7		
Feb	avg temperature (r)	03.2					Aug	avg temperature (r)	04.9	05.9	05.7		
1.60	total hours (%)	0%	0%	0%	6 0%	6 0%	Aug	total hours (%)	31%	2%	0%	0%	0%
	number of $>= 4$ h events	0,0	070			0,0		number of $>= 4$ h events	16	0	0,0	0,0	
	number of $>= 8$ h events							number of $>= 8$ h events	4	0			
	avg duration (h)							avg duration (h)	3	2			
	max duration (h)							max duration (h)	13	3			
	avg temperature (F)							avg temperature (F)	78.8	78.5			
Mar	0 1 (/						Sep	0 1 (7				1	1
	total hours (%)	13%	5%	0%	6 0%	6 0%	-	total hours (%)	55%	12%	2%	0%	0%
	number of >= 4 h events	6	3	3				number of >= 4 h events	20	3	0		
	number of >= 8 h events	5	1					number of >= 8 h events	13	1	0		
	avg duration (h)	11	6	6				avg duration (h)	6	3	2		
	max duration (h)	36	18	3				max duration (h)	67	14	3		
	avg temperature (F)	83.0	84.0)				avg temperature (F)	80.0	79.2	78.8		
Apr							Oct						
	total hours (%)	26%	1%	0%	6 0%	6 0%		total hours (%)	65%	19%	0%	0%	0%
	number of >= 4 h events	9	C)				number of >= 4 h events	9	4	0		
	number of >= 8 h events	5	C)				number of >= 8 h events	8	1	0		
	avg duration (h)	14	2	2				avg duration (h)	12	4			
	max duration (h)	67	3	3				max duration (h)	80	16			
	avg temperature (F)	86.4	85.9)				avg temperature (F)	80.8	80.0	78.0		
Мау							Nov						
	total hours (%)	31%	3%	5 1%	5 O%	6 0%		total hours (%)					
	number of >= 4 h events	15	2	2 ()			number of >= 4 h events					
	number of >= 8 h events	7	1	()			number of >= 8 h events					
	avg duration (h)	6	5	5 3	3			avg duration (h)					
	max duration (h)	21	12	2 3	3			max duration (h)					
	avg temperature (F)	85.4	87.8	8 89.4	1		_	avg temperature (F)					
Jun							Dec						1
	total hours (%)	52%	17%	5 1%	6 09	6 0%		total hours (%)					
	number of >= 4 h events	30	11	()			number of >= 4 h events	-				
	number of >= 8 h events	18	5) ()			number of >= 8 h events					
	avg duration (h)	10	8	3	3			avg duration (h)					
	max duration (h)	34	23	3 4	1			max duration (h)					
	avg temperature (F)	85.4	86.3	87.0	ו			avg temperature (F)					

Table 14. Site 4 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2001		Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	N	lonth
Jan							J	lul
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							A	Aug
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)						L	
Mar							S	Бер
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)						L	
Apr							C	Oct
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)						Ļ	
Мау					1		N	lov
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (n)							
Less	avg temperature (F)	-					-	
Jun	total hours (0/)				1			Jec
	total nours (%)					ļ		
	number of >= 4 if events							
	number or $>= \delta$ n events							
	avy duration (h)							
	niax uuration (n)							
	avg temperature (F)	1						

Table 15. Site 5 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

	2001		Relative	elative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul									
ou.	total hours (%)				1	1			
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Aug									
_	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Sep									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
Oct	avg temperature (F)								
Oct	total hours (0/)	0.40/	E10/	220/	20/	00/			
	101a1 1001S (%)	04%	51%	23%	2%	0%			
	number of $>= 8$ h events	4	1	4	0	0			
	number of $>=$ of the vertice (b)	4	13	0	1	0			
	max duration (h)	40	51	7	2				
	ava temperature (F)	74.8	73.9	73.5	73.4	73.2			
Nov		74.0	10.0	70.0	10.4	10.2			
	total hours (%)	80%	59%	15%	0%	0%			
	number of $>= 4$ h events	5	24	1					
	number of $>= 8$ h events	5	19	0					
	avg duration (h)	52	7	1					
	max duration (h)	300	28	6					
	avg temperature (F)	73.1	73.2	73.5					
Dec					1				
	total hours (%)	57%	31%	12%	2%	0%			
	number of >= 4 h events	9	17	4	1	0			
	number of >= 8 h events	5	12	0	0	0			
	avg duration (h)	39	7	2	2				
	max duration (h)	151	33	7	5				
	avg temperature (F)	70.5	71.0	71.1	71.4	71.8			

	2001		Relative	Humidity T	hreshold			2001
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
••••	total hours (%)						• •	
	number of $>= 4$ h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t
Feb				1			Aug	
	total hours (%)						Ū	
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t
Mar							Sep	
	total hours (%)						-	
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t
May							Nov	
	total hours (%)							
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t
Jun							Dec	
	total hours (%)							
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t

Table 16. Site 5 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

2001		Relative	Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Aug					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (n)					
avg temperature (F)					
Sep		[
total hours (%)					
number of $> = 9$ h events					
number of ≥ 0 if evenis					
avg duration (h)					
max duration (n)					
Oct					
total bours (%)	71%	30%	13%	0%	0%
number of $>= 4$ h events	7170	9	10/0	0,0	070
number of $>= 8$ h events	. 5	4	0	0	
avg duration (h)	12	5	1		
max duration (h)	52	32	3		
avg temperature (F)	73.2	72.8	72.3	72.3	
Nov			-	-	
total hours (%)	74%	45%	3%	0%	0%
number of >= 4 h events	8	19	0		
number of >= 8 h events	8	13	0		
avg duration (h)	38	4	1		
max duration (h)	178	22	2		
avg temperature (F)	71.8	72.3	71.7		
Dec					
total hours (%)	50%	26%	5%	0%	0%
number of >= 4 h events	6	18	0	0	
number of >= 8 h events	5	10	0	0	
avg duration (h)	62	5	1	1	
max duration (h)	151	20	3	1	
avg temperature (F)	69.8	70.3	70.5	71.0	

	2002		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						
	total hours (%)	41%	21%	8%	0%	0%
	number of >= 4 h events	5	7	2		
	number of >= 8 h events	5	6	0		
	avg duration (h)	52	15	2		
	max duration (h)	106	49	6		
	avg temperature (F)	70.6	71.3	71.7		
Feb						
	total hours (%)	16%	5%	1%	0%	0%
	number of >= 4 h events	4	2	0	0	
	number of >= 8 h events	4	1	0	0	
	avg duration (h)	15	11	2	1	
	max duration (h)	43	26	2	1	
	avg temperature (F)	71.7	72.0	72.5	73.2	
Mar						
	total hours (%)	53%	36%	13%	0%	0%
	number of >= 4 h events	5	12	8	0	0
	number of >= 8 h events	4	11	1	0	0
	avg duration (h)	95	19	3		
	max duration (h)	195	46	21		
	avg temperature (F)	72.7	73.2	73.1	71.1	71.1
Apr						
	total hours (%)	95%	77%	18%	0%	0%
	number of >= 4 h events	4	41	7		
	number of >= 8 h events	4	22	0		
	avg duration (h)	152	11	2		
	max duration (h)	566	41	6		
	avg temperature (F)	73.1	73.3	73.3		
May						
	total hours (%)	99%	83%	22%	0%	0%
	number of >= 4 h events	2	32	4		
	number of >= 8 h events	2	22	1		
	avg duration (h)	661	13	2		
	max duration (h)	1306	50	25		
	avg temperature (F)	74.6	74.9	75.4		
Jun						
	total hours (%)	100%	88%	21%	0%	0%
	number of >= 4 h events	0	30	3		
	number of >= 8 h events	0	25	0		
	avg duration (h)		16	2		
	max duration (h)		76	7		
	avg temperature (F)	75.3	75.3	75.3		

Table 17. Site 5 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

	2002	Relative Humidity Threshold								
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
hul										
Jui	total hours (%)	94%	38%	2%	0%	0%				
	number of $>= 4$ h events	19	6	0	0,0	070				
	number of >= 8 h events	15	2	0						
	avg duration (h)	13	5	2						
	max duration (h)	66	102	4						
	avg temperature (F)	74.0	74.1	74.0						
Aug										
-	total hours (%)	100%	27%	0%	0%	0%				
	number of >= 4 h events	1	14							
	number of >= 8 h events	1	3							
	avg duration (h)	822	3							
	max duration (h)	822	17							
	avg temperature (F)	74.1	74.2							
Sep										
	total hours (%)	99%	31%	2%	1%	0%				
	number of >= 4 h events	9	14	2	2	0				
	number of >= 8 h events	7	1	0	0	0				
	avg duration (h)	40	2	4	3	1				
	max duration (h)	154	11	6	5	1				
	avg temperature (F)	75.0	74.9	76.7	75.8	75.2				
Oct										
	total hours (%)	86%	28%	3%	2%	0%				
	number of >= 4 h events	16	4	2	0	0				
	number of >= 8 h events	13	1	0	0	0				
	avg duration (h)	14	2	3	1	2				
	max duration (h)	66	22	4	2	2				
	avg temperature (F)	75.6	75.6	76.5	76.6	75.9				
Nov										
	total hours (%)									
	number of >= 4 h events									
	number of >= 8 h events									
	avg duration (h)									
	max duration (h)									
Dee	avg temperature (F)									
Dec	total hours (%)									
	101a1 + 1001S (%)									
	number of $>= 9$ h overte									
	ava duration (h)									
	may duration (h)									
	ava temperature (F)									
	avy temperature (1)		1	1						

	2002		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						
oun	total hours (%)	39%	17%	3%	0%	0%
	number of $>= 4$ h events	7	11	0		
	number of >= 8 h events	7	5	0		
	avg duration (h)	42	7	1		
	max duration (h)	102	29	2		
	avg temperature (F)	70.1	71.0	71.2		
Feb			1			
	total hours (%)	12%	3%	0%	0%	0%
	number of >= 4 h events	3	1	0		
	number of >= 8 h events	3	1	0		
	avg duration (h)	14	11	2		
	max duration (h)	36	19	2		
	avg temperature (F)	71.2	71.7	72.5		
Mar			1			
	total hours (%)	50%	30%	4%	0%	0%
	number of >= 4 h events	5	14	1	0	
	number of >= 8 h events	5	11	0	0	
	avg duration (h)	90	11	2		
	max duration (h)	177	33	4		
	avg temperature (F)	72.3	72.7	73.0	70.6	
Apr					·	
•	total hours (%)	93%	69%	5%	0%	0%
	number of >= 4 h events	4	53	2		
	number of >= 8 h events	4	19	0		
	avg duration (h)	150	6	1		
	max duration (h)	561	26	4		
	avg temperature (F)	72.7	72.8	72.8		
May						
	total hours (%)	98%	69%	5%	0%	0%
	number of >= 4 h events	4	51	1		
	number of >= 8 h events	4	20	1		
	avg duration (h)	262	6	2		
	max duration (h)	1169	35	10		
	avg temperature (F)	74.0	74.4	76.0		
Jun	/					
	total hours (%)	100%	68%	7%	0%	0%
	number of >= 4 h events	0	43	0		
	number of >= 8 h events	0	22	0		
	avg duration (h)		5	1		
	max duration (h)		24	2		
	avg temperature (F)	74.5	74.6	74.6		

Table 18. Site 5 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002		Relative	Humidity TI	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Int						
Jui	total hours (%)	89%	13%	0%	0%	0%
	number of $>= 4$ h events	24	8	0,0	070	070
	number of $>= 8$ h events	15	1	0		
	avg duration (h)		3			
	max duration (h)	66	10			
	avg temperature (F)	73.1	73.1	73.0		
Aug			_			
•	total hours (%)	83%	10%	0%	0%	0%
	number of >= 4 h events	20	2			
	number of >= 8 h events	11	0			
	avg duration (h)	17	2			
	max duration (h)	243	5			
	avg temperature (F)	73.3	73.4			
Sep						
	total hours (%)	93%	14%	1%	1%	0%
	number of >= 4 h events	35	1	1	0	
	number of >= 8 h events	29	0	0	0	
	avg duration (h)	14	2	4	3	
	max duration (h)	98	7	6	4	
	avg temperature (F)	73.9	74.1	76.9	75.7	
Oct						
	total hours (%)	75%	9%	1%	0%	0%
	number of >= 4 h events	28	3	1	0	
	number of >= 8 h events	15	0	0	0	
	avg duration (h)	7	2	3	1	
	max duration (h)	34	6	4	1	
	avg temperature (F)	74.7	74.9	77.4	75.9	
Nov			1			
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2001		Relative	Humidity T	hreshold			2001
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)
Feb							Aug	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)
Mar							Sep	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)
Apr							Oct	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)
May							Nov	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)
Jun							Dec	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)

Table 19. Site 6 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

Relative Humidity Threshold Above 50% Above 55% Above 60% Above 65% Above 70%

20%

78.0

24%

76.1

58%

77.1

38%

76.6

31%

76.2

10%

75.3

0%

0%

77.3

17%

77.7

5%

76.8

2%

76.3

1%

75.3

0%

0%

0%

77.3

0%

0%

0%

100%

76.3

99%

76.0

99%

76.7

84%

76.0

70%

75.9

33%

74.7

100%

76.3

100%

76.0

100%

76.6

98%

75.7

85%

75.5

68%

73.5

2001		Relative	Humidity T	hreshold			2001		Relative	e Humidity Tl	nreshold	-
Month	Above 50%	6 Above 55%	Above 60%	Above 65%	% Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul						
total hours ((6)						total hours (%)	100%	60%	0%	0%	0%
number of >= 4 h ever	ts						number of >= 4 h events	0	0			
number of >= 8 h ever	ts						number of >= 8 h events	0	0			
avg duration	h)						avg duration (h)		3			
max duration	h)						max duration (h)		3			
avg temperature	F)						avg temperature (F)	76.1	76.0			
Feb						Aug						
total hours (9	6)						total hours (%)	100%	96%	9%	0%	0%
number of >= 4 h ever	ts						number of >= 4 h events	0	13	0		
number of >= 8 h ever	ts						number of >= 8 h events	0	11	0		
avg duration	h)						avg duration (h)		40	1		
max duration	h)						max duration (h)		191	3		
avg temperature	F)						avg temperature (F)	75.0	75.0	75.2		
Mar						Sep						
total hours (6)						total hours (%)	100%	95%	43%	13%	0%
number of >= 4 h ever	ts						number of >= 4 h events	0	13	13	9	
number of >= 8 h ever	ts						number of >= 8 h events	0	10	10	2	
avg duration	h)						avg duration (h)		41	4	4	
max duration	h)						max duration (h)		253	46	12	
avg temperature	F)						avg temperature (F)	75.8	75.8	76.4	76.9	
Apr						Oct						
total hours (6)						total hours (%)	97%	78%	26%	1%	0%
number of >= 4 h ever	ts						number of >= 4 h events	3	15	11	0	
number of >= 8 h ever	ts						number of >= 8 h events	2	14	5	0	
avg duration	h)						avg duration (h)	108	24	3	2	
max duration	h)						max duration (h)	259	208	17	2	
avg temperature	F)						avg temperature (F)	75.0	75.2	75.7	75.5	
Мау						Nov						
total hours (6)						total hours (%)	84%	67%	22%	0%	0%
number of >= 4 h ever	ts						number of >= 4 h events	4	9	14	0	
number of >= 8 h ever	ts						number of >= 8 h events	4	6	4	0	
avg duration	h)						avg duration (h)	70	22	3	1	
max duration	h)						max duration (h)	334	235	18	1	
avg temperature	F)						avg temperature (F)	75.1	75.5	75.8	75.6	
Jun						Dec				1		
total hours (6)						total hours (%)	64%	29%	8%	1%	0%
number of >= 4 h ever	ts						number of >= 4 h events	7	12	2	1	
number of >= 8 h ever	ts						number of >= 8 h events	6	6	2	0	
avg duration	h)						avg duration (h)	53	6	8	2	
max duration	h)						max duration (h)	181	64	39	4	
avg temperature	F)					1	avg temperature (F)	73.3	74.6	74.9	74.9	

Table 20. Site 6 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

	2002		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lan						
Jan	total hours (%)	52%	30%	20%	1%	0%
	number of $>= 4$ h events	5	4	4	0	
	number of >= 8 h events	3	2	4	0	
	avg duration (h)	32	24	22	1	
	max duration (h)	111	87	48	1	
	avg temperature (F)	74.4	75.8	76.6	76.8	
Feb						
	total hours (%)	30%	13%	1%	0%	0%
	number of >= 4 h events	6	4	0		
	number of >= 8 h events	4	4	0		
	avg duration (h)	11	6	2		
	max duration (h)	96	26	3		
	avg temperature (F)	73.5	74.9	75.5		
Mar						
	total hours (%)	72%	47%	23%	1%	0%
	number of >= 4 h events	6	6	10	0	0
	number of >= 8 h events	6	5	8	0	0
	avg duration (h)	43	30	8	1	
	max duration (h)	208	153	27	1	
	avg temperature (F)	74.9	75.6	76.0	76.1	78.0
Apr	- · · · · ·		·		·	÷
	total hours (%)	100%	92%	61%	12%	0%
	number of >= 4 h events	0	5	37	0	
	number of >= 8 h events	0	5	18	0	
	avg duration (h)		55	5	1	
	max duration (h)		298	23	2	
	avg temperature (F)	75.1	75.2	75.4	75.8	
May						
	total hours (%)	100%	90%	43%	6%	0%
	number of >= 4 h events	0	14	28	0	
	number of >= 8 h events	0	9	10	0	
	avg duration (h)		48	3	1	
	max duration (h)		405	15	3	
	avg temperature (F)	75.6	75.6	75.9	76.5	
Jun						
	total hours (%)	100%	98%	59%	17%	0%
	number of >= 4 h events	0	5	33	8	
	number of >= 8 h events	0	5	22	0	
	avg duration (h)		57	6	2	
	max duration (h)		265	42	6	
	avg temperature (F)	73.7	73.7	74.1	74.4	

Table 21. Site 6 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

	2002		Relative	Humidity T	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul						
oui	total hours (%)	100%	96%	45%	5%	0%
	number of >= 4 h events	0	7	26	0	
	number of >= 8 h events	0	7	12	0	
	avg duration (h)		40	4	2	
	max duration (h)		208	16	3	
	avg temperature (F)	74.2	74.2	74.6	74.5	
Aug						
•	total hours (%)	100%	94%	45%	5%	0%
	number of >= 4 h events	0	13	25	0	
	number of >= 8 h events	0	13	18	0	
	avg duration (h)		51	5	2	
	max duration (h)		388	25	4	
	avg temperature (F)	74.1	74.1	74.5	74.6	
Sep						
	total hours (%)	100%	98%	60%	11%	0%
	number of >= 4 h events	0	6	24	4	
	number of >= 8 h events	0	6	16	0	
	avg duration (h)		106	7	2	
	max duration (h)		265	45	8	
	avg temperature (F)	74.2	74.2	74.4	74.5	
Oct						
	total hours (%)	98%	87%	58%	7%	0%
	number of >= 4 h events	1	5	18	1	
	number of >= 8 h events	1	3	13	0	
	avg duration (h)	18	20	8	2	
	max duration (h)	18	64	46	4	
	avg temperature (F)	74.0	74.2	74.5	74.4	
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2002	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jan									
	total hours (%)	46%	27%	15%	0%	0%			
	number of >= 4 h events	4	2	5					
	number of >= 8 h events	3	2	4					
	avg duration (h)	32	29	7					
	max duration (h)	110	81	19					
	avg temperature (F)	74.2	75.5	76.1					
Feb						•			
	total hours (%)	23%	7%	0%	0%	0%			
	number of >= 4 h events	4	4						
	number of >= 8 h events	3	2						
	avg duration (h)	22	6						
	max duration (h)	92	20						
	avg temperature (F)	73.7	75.1						
Mar			•			•			
	total hours (%)	67%	43%	14%	0%	0%			
	number of >= 4 h events	10	9	7	0				
	number of >= 8 h events	9	8	4	0				
	avg duration (h)	126	30	4					
	max duration (h)	1126	97	15					
	avg temperature (F)	74.5	75.2	75.7	77.3				
Apr			°	•	•	°			
-	total hours (%)	100%	90%	36%	0%	0%			
	number of >= 4 h events	0	9	16	0				
	number of >= 8 h events	0	8	1	0				
	avg duration (h)		49	2	1				
	max duration (h)		298	8	1				
	avg temperature (F)	74.3	74.5	74.8	75.4				
May									
-	total hours (%)	99%	87%	28%	1%	0%			
	number of >= 4 h events	0	21	14	0				
	number of >= 8 h events	0	14	8	0				
	avg duration (h)		30	3	1				
	max duration (h)		405	15	2				
	avg temperature (F)	75.0	75.1	75.2	74.5				
Jun									
	total hours (%)	100%	98%	59%	17%	0%			
	number of >= 4 h events	0	5	33	8				
	number of >= 8 h events	0	5	22	0				
	avg duration (h)		57	6	2				
	max duration (h)		265	42	6				
	avg temperature (F)	73.7	73.7	74.1	74.4				

Table 22. Site 6 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002		Relative	Humidity T	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
11						
Jui	total hours (%)	100%	96%	15%	5%	0%
	number of >-4 h events	100 /8	3078		0,0	070
	number of $>= 8$ h events	0	7	12	0	
	avg duration (h)		40	4	2	
	max duration (h)		208	16	3	
	avg temperature (F)	74.2	74.2	74.6	74.5	
Aug						
Ū	total hours (%)	100%	94%	45%	5%	0%
	number of >= 4 h events	0	13	25	0	
	number of >= 8 h events	0	13	18	0	
	avg duration (h)		51	5	2	
	max duration (h)		388	25	4	
	avg temperature (F)	74.1	74.1	74.5	74.6	
Sep	· · · · · · ·					
	total hours (%)	100%	98%	60%	11%	0%
	number of >= 4 h events	0	6	24	4	
	number of >= 8 h events	0	6	16	0	
	avg duration (h)		106	7	2	
	max duration (h)		265	45	8	
	avg temperature (F)	74.2	74.2	74.4	74.5	
Oct						
	total hours (%)	98%	87%	58%	7%	0%
	number of >= 4 h events	1	5	18	1	
	number of >= 8 h events	1	3	13	0	
	avg duration (h)	18	20	8	2	
	max duration (h)	18	64	46	4	
	avg temperature (F)	74.0	74.2	74.5	74.4	
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2001		Relative	Humidity T	hreshold		[
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		Mon
.lan								.lul
oan	total hours (%)						ľ	oui
	number of $>= 4$ h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb								Aug
	total hours (%)							-
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							-	Sep
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)						L	
Apr							1	Oct
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)						Ļ	
Мау				1	1			Nov
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)						-	
Jun	total have (0/)							Dec
	total nours (%)							
	number of >= 4 n events					<u> </u>		
	number of >= 8 h events					<u> </u>		
	avg duration (h)					<u> </u>		
	max duration (h)					<u> </u>		
	avg temperature (F)							

Table 23. Site 7 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001	Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
1.1							
Jui			1		1		
total nours (%)							
number of - 9 h events							
number of >= on events							
avg duration (h)							
max duration (n)							
avg temperature (F)							
Aug							
Iotal Hours (%)							
number of >= 4 h events							
number of >= on events							
avg duration (h)							
max duration (n)							
avg temperature (F)							
Sep							
Iotal Hours (%)							
number of $s = 2$ h events							
number of >= 6 if events							
avg duration (h)							
max duration (n)							
avg temperature (F)							
	E 20/	210/	E0/	00/	00/		
$\frac{1}{10000000000000000000000000000000000$	32%	21%	J%	0%	076		
number of $y = 4$ in events	11	6	1	0			
number of >= 8 if events	10	5	0	0			
avg duration (h)	10	5	2				
max duration (n)	72.4	10	4	72.2			
avg temperature (F)	73.4	73.5	73.4	13.2			
total bours (%)	00/	10/	20/	0%	0%		
number of >= 4 h overts	0 /0	4 /0	2 /0	0 /8	078		
number of $> - 9$ h events	1	2	1	0			
number of >= 8 if events	0	0	0	0			
avg duration (h)	2	5	5	2			
	72.1	72.0	72.9	71.0			
	73.1	12.9	12.0	71.0			
total bours (%)	520/	26%	120/	20/	0%		
number of >-4 b evonts	12	20% Q	13%	3%	076		
number of $>= 4$ if events	12	7	1	1			
number of $z = 0$ if events ava duration (b)	11	11	2	I າ			
avy duration (h)	163	۲۱ ۶۹	20	10			
	7/ 1			76.2			
avg temperature (F)	74.1	/ 0.1	10.0	/0.3			

2001		Relative Humidity Threshold					2001	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
••••	total hours (%)						• •	
	number of $>= 4$ h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t
Feb				1			Aug	
	total hours (%)							
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t
Mar				1			Sep	
	total hours (%)						•	
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t
Apr				1			Oct	ŭ
•	total hours (%)							
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t
May							Nov	
	total hours (%)							
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t
Jun							Dec	
	total hours (%)							
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t

Table 24. Site 7 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

2001	Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Ind							
Jui total hours (%)			1				
number of >-4 b events							
number of $>= 8$ h events							
ava duration (b)							
max duration (h)							
ava temperature (F)							
total hours (%)							
number of $>= 4$ h events							
number of $>= 8$ h events							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Sep							
total hours (%)							
number of $>= 4$ h events							
number of >= 8 h events							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Oct					1		
total hours (%)	27%	8%	1%	0%	0%		
number of >= 4 h events	8	3	0				
number of >= 8 h events	5	0	0				
avg duration (h)	7	3	2				
max duration (h)	24	8	2				
avg temperature (F)	71.6	71.7	71.1				
Nov							
total hours (%)	5%	2%	0%	0%	0%		
number of >= 4 h events	2	0					
number of >= 8 h events	0	0					
avg duration (h)	4	2					
max duration (h)	6	2					
avg temperature (F)	71.3	71.6					
Dec		•					
total hours (%)	34%	17%	3%	0%	0%		
number of >= 4 h events	12	8	2				
number of >= 8 h events	8	3	1				
avg duration (h)	16	8	5				
max duration (h)	66	43	14				
	00		14				
	2002		Relative	Humidity T	hreshold		
-------	-------------------------	-----------	-----------	------------	-----------	-----------	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
••••	total hours (%)	51%	26%	11%	4%	0%	
	number of >= 4 h events	6	11	6	3	0	
	number of >= 8 h events	6	7	3	1	0	
	avg duration (h)	43	11	5	4	1	
	max duration (h)	111	64	30	10	1	
	avg temperature (F)	73.6	74.6	75.3	75.8	74.1	
Feb							
	total hours (%)	26%	7%	2%	0%	0%	
	number of >= 4 h events	6	3	1	0		
	number of >= 8 h events	4	2	0	0		
	avg duration (h)	16	7	3			
	max duration (h)	90	22	8			
	avg temperature (F)	73.5	74.6	74.4	73.8		
Mar							
	total hours (%)	62%	35%	16%	4%	0%	
	number of >= 4 h events	10	16	8	0	0	
	number of >= 8 h events	8	13	3	0	0	
	avg duration (h)	36	9	3	2		
	max duration (h)	119	36	18	4		
	avg temperature (F)	74.8	75.0	75.3	75.3	74.9	
Apr				·	·		
-	total hours (%)	70%	34%	10%	1%	0%	
	number of >= 4 h events	27	23	3	0		
	number of >= 8 h events	22	4	0	0		
	avg duration (h)	10	4	2	1		
	max duration (h)	51	29	5	2		
	avg temperature (F)	75.5	75.1	74.7	73.8		
May							
	total hours (%)	48%	20%	9%	2%	0%	
	number of >= 4 h events	27	4	1	0	0	
	number of >= 8 h events	14	1	1	0	0	
	avg duration (h)	4	2	1	1	1	
	max duration (h)	18	8	8	1	1	
	avg temperature (F)	76.5	76.2	76.1	75.9	76.6	
Jun	/	1					
	total hours (%)	36%	14%	6%	2%	0%	
	number of >= 4 h events	13	4	0	0	0	
	number of >= 8 h events	4	0	0	0	0	
	avg duration (h)	3	2	1	1	1	
	max duration (h)	26	5	3	2	1	
	avg temperature (F)	76.0	75.6	75.6	75.7	76.3	

Table 25. Site 7 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002			Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
1.1						-		
Jui	total hours (%)	15%	8%	4%	1%	0%		
r	number of >-4 h events	1070	0/0	470	170	078		
r	number of $>= 8$ h events	0	0	0	0			
	ava duration (h)	2	1	1	1			
	max duration (h)	7	3	2	1			
	avg temperature (F)	75.9	75.3	75.2	75.5			
Aua						1		
	total hours (%)	94%	52%	19%	5%	0%		
r	number of $>= 4$ h events	6	28	4	0			
r	number of >= 8 h events	4	14	0	0			
	avg duration (h)	56	4	2	1			
	max duration (h)	460	21	5	2			
	avg temperature (F)	76.1	76.1	75.8	75.6			
Sep			1	1	1	1		
•	total hours (%)	100%	99%	62%	29%	4%		
r	number of >= 4 h events	0	6	35	18	1		
r	number of >= 8 h events	0	6	16	4	0		
	avg duration (h)		123	5	3	1		
	max duration (h)		301	26	11	5		
	avg temperature (F)	76.2	76.2	76.1	75.9	75.8		
Oct								
	total hours (%)	100%	97%	70%	28%	2%		
r	number of >= 4 h events	0	3	19	6	0		
r	number of >= 8 h events	0	3	9	1	0		
	avg duration (h)		98	6	3	1		
	max duration (h)		203	40	18	2		
	avg temperature (F)	75.8	75.8	75.8	76.0	76.0		
Nov								
	total hours (%)							
r	number of >= 4 h events							
r	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Dec								
	total hours (%)							
r	number of >= 4 h events							
r	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

	2002		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						
•	total hours (%)	40%	14%	5%	0%	0%
	number of $>= 4$ h events	10	4	3	0	
	number of >= 8 h events	9	3	2	0	
	avg duration (h)	30	8	4	1	
	max duration (h)	85	51	12	1	
	avg temperature (F)	73.1	74.2	75.2	76.8	
Feb			1			1
	total hours (%)	15%	3%	0%	0%	0%
	number of >= 4 h events	5	1	0		
	number of >= 8 h events	3	1	0		
	avg duration (h)	12	4			
	max duration (h)	37	15			
	avg temperature (F)	73.3	73.8	73.5		
Mar						
	total hours (%)	50%	26%	5%	0%	0%
	number of >= 4 h events	18	17	1		
	number of >= 8 h events	13	9	0		
	ava duration (h)	18	7	2		
	max duration (h)	59	19	7		
	avg temperature (F)	74.1	74.4	74.8		
Apr					1	<u>l</u>
	total hours (%)	51%	14%	0%	0%	0%
	number of $>= 4$ h events	30	8			
	number of $>= 8$ h events	17	2			
	ava duration (h)	6	3			
	max duration (h)	30	8			
	avg temperature (F)	74.4	74.3			
May						<u> </u>
	total hours (%)	29%	1%	0%	0%	0%
	number of $>= 4$ h events	19	0	0,0	0,0	0,0
	number of $>= 8$ h events	5	0			
	ava duration (h)	3	1			
	max duration (h)	11	2			
	avg temperature (F)	75.6	75.5			
Jun		10.0	10.0			
	total hours (%)	14%	1%	0%	0%	0%
	number of $>= 4 h events$	2	0	570	570	070
	number of $>= 8 h events$	1	0			
	ava duration (h)	2	1			
	max duration (h)	16	1			
	ava temperature (F)	7/ 0	7/ 8			
		14.3	14.0	1	1	1

Table 26. Site 7 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul									
Jui	total hours (%)	3%	0%	0%	0%	0%			
	number of $>= 4$ h events	0,0	0.70	0,0	0,0	0,0			
	number of $>= 8$ h events	0							
	avg duration (h)	1							
	max duration (h)	3							
	avg temperature (F)	74.7							
Aug			1			1			
-	total hours (%)	79%	21%	1%	0%	0%			
	number of >= 4 h events	21	15	0					
	number of >= 8 h events	12	1	0					
	avg duration (h)	35	3	1					
	max duration (h)	1139	10	1					
	avg temperature (F)	74.7	74.6	74.8					
Sep									
	total hours (%)	100%	84%	34%	2%	0%			
	number of >= 4 h events	0	30	19	0				
	number of >= 8 h events	0	20	7	0				
	avg duration (h)		12	3	1				
	max duration (h)		93	14	2				
	avg temperature (F)	74.5	74.6	74.6	74.8				
Oct									
	total hours (%)	99%	84%	38%	2%	0%			
	number of >= 4 h events	0	8	11	1				
	number of >= 8 h events	0	7	2	0				
	avg duration (h)		18	3	3				
	max duration (h)		116	10	6				
	avg temperature (F)	73.9	74.1	74.1	74.6				
Nov									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Dec				1	1				
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								

	2001	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month
Jan							Jul
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb							Aug
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Mar							Sep
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						-
Apr							Oct
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Мау					1		Nov
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
1	avg temperature (F)						Dee
Jun	total hours (0/)		1		1		Dec
	total nours (%)						
	number of >= 4 n events						
	number or >= 8 n events						
	avg duration (h)						
	max ouration (n)						
	avg temperature (F)						

Table 27. Site 8 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001	Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
		•	•				
Jul							
total hours (%)						
number of >= 4 h events	6						
number of >= 8 h events	6						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Aug							
total hours (%)						
number of >= 4 h events	6						
number of >= 8 h events	6						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Sep							
total hours (%)						
number of >= 4 h events	6						
number of >= 8 h events	6						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Oct							
total hours (%	48%	15%	0%	0%	0%		
number of >= 4 h events	6	7	0				
number of >= 8 h events	s 3	3	0				
avg duration (h	23	7					
max duration (h	110	11					
avg temperature (F) 74.7	75.3	73.8				
Nov							
total hours (%	74%	23%	1%	0%	0%		
number of >= 4 h events	5 5	9	0				
number of >= 8 h events	5 5	3	0				
avg duration (h	56	4	3				
max duration (h	297	33	4				
avg temperature (F) 76.2	76.4	75.9				
Dec							
total hours (%	34%	20%	2%	0%	0%		
number of >= 4 h events	s 4	3	1				
number of >= 8 h events	s 4	3	1				
avg duration (h	32	38	2				
max duration (h	131	89	8				
avg temperature (F) 75.0	75.3	76.7				

	2001		Relative	Humidity T	hreshold			2001
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)
Feb				•			Aug	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)
Mar							Sep	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)
Apr							Oct	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)
Мау			1				Nov	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)
Jun		-	1	1	1	1	Dec	
	total hours (%)							total hours (%)
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h)
	max duration (h)							max duration (h)
	avg temperature (F)							avg temperature (F)

Table 28. Site 8 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Relative Humidity Threshold Above 50% Above 55% Above 60% Above 65% Above 70%

9%

2

1

3

11

74.3

13%

8

3

5

25

76.0

19%

4

3

28

83

74.9

0%

0%

1

1

1%

1

0

3

4

77.6

41%

4

3

21

102

74.0 71%

7

7

39

203

75.6

32%

4

4

60

130

74.6

0%

0%

0%

0%

0%

0%

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
lan								
Jan	total hours (%)	17%	4%	0%	0%	0%		
	number of $>= 4$ h events	3	2	070	070	070		
	number of $>= 8$ h events	3	1					
	avg duration (h)	25	10					
	max duration (h)	55	25					
	avg temperature (F)	77.4	78.2					
Feb						1		
	total hours (%)	0%	0%	0%	0%	0%		
	number of >= 4 h events	0						
	number of >= 8 h events	0						
	avg duration (h)	3						
	max duration (h)	3						
	avg temperature (F)	76.9						
Mar					1	1		
	total hours (%)	25%	5%	0%	0%	0%		
	number of >= 4 h events	10	3					
	number of >= 8 h events	7	2					
	avg duration (h)	16	7					
	max duration (h)	144	17					
	avg temperature (F)	78.3	78.9					
Apr								
-	total hours (%)	88%	69%	8%	0%	0%		
	number of >= 4 h events	2	10	2				
	number of >= 8 h events	2	8	1				
	avg duration (h)	192	34	2				
	max duration (h)	754	293	13				
	avg temperature (F)	78.9	79.2	79.1				
May					·			
-	total hours (%)	88%	71%	22%	0%	0%		
	number of >= 4 h events	5	3	11				
	number of >= 8 h events	2	2	3				
	avg duration (h)	13	49	6				
	max duration (h)	71	511	56				
	avg temperature (F)	79.6	79.8	79.9				
Jun						-		
	total hours (%)	100%	99%	69%	10%	0%		
	number of >= 4 h events	0	1	9	3			
	number of >= 8 h events	0	1	6	2			
	avg duration (h)		237	22	4			
	max duration (h)		237	261	27			
	avg temperature (F)	79.8	79.8	79.9	79.1			

Table 29. Site 8 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002	Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jul							
total hours (%)	98%	92%	68%	1%	0%		
number of >= 4 h events	1	0	18	1			
number of >= 8 h events	1	0	12	0			
avg duration (h)	8		13	7			
max duration (h)	14		88	7			
avg temperature (F)	79.5	79.5	79.7	78.7			
Aug							
total hours (%)	23%	0%	0%	0%	0%		
number of >= 4 h events	19						
number of >= 8 h events	8						
avg duration (h)	5						
max duration (h)	14						
avg temperature (F)	80.4						
Sep							
total hours (%)	25%	0%	0%	0%	0%		
number of >= 4 h events	12	0					
number of >= 8 h events	5	0					
avg duration (h)	5	1					
max duration (h)	65	1					
avg temperature (F)	80.3	81.5					
Oct							
total hours (%)	15%	0%	0%	0%	0%		
number of >= 4 h events	8						
number of >= 8 h events	1						
avg duration (h)	3						
max duration (h)	12						
avg temperature (F)	80.3						
Nov							
total hours (%)							
number of >= 4 h events							
number of >= 8 h events							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Dec							
total hours (%)							
number of >= 4 h events							
number of >= 8 h events							
avg duration (h)							
max duration (h)							
avg temperature (F)							
	I		1	1			

	2002							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)	13%	3%	0%	0%	0%		
	number of >= 4 h events	3	1					n
	number of >= 8 h events	3	1					n
	avg duration (h)	23	8					
	max duration (h)	50	22					
	avg temperature (F)	77.2	78.1					
Feb							Aug	
	total hours (%)	0%	0%	0%	0%	0%	-	
ı.	number of >= 4 h events							nı
	number of >= 8 h events							nı
ı.	avg duration (h)							
1	max duration (h)							
ı.	avg temperature (F)							
Mar							Sep	
	total hours (%)	16%	3%	0%	0%	0%	-	
	number of >= 4 h events	4	2					nı
	number of >= 8 h events	3	2					ทเ
	avg duration (h)	12	6					
	max duration (h)	87	13					
ı.	avg temperature (F)	77.9	78.3					
Apr							Oct	
	total hours (%)	86%	59%	3%	0%	0%		
	number of >= 4 h events	3	14	1				nı
1	number of >= 8 h events	2	11	0				nı
	avg duration (h)	201	26	2				
	max duration (h)	751	161	6				
	avg temperature (F)	78.1	78.5	78.7				
May	<u> </u>			÷	÷		Nov	
	total hours (%)	84%	65%	7%	0%	0%		
	number of >= 4 h events	5	9	5				n
1	number of >= 8 h events	4	7	2				nı
1	avg duration (h)	12	34	4				
	max duration (h)	65	315	12				
	avg temperature (F)	78.8	78.9	79.0				
Jun							Dec	
1	total hours (%)	100%	96%	47%	5%	0%		
	number of >= 4 h events	0	7	17	3			n
1	number of >= 8 h events	0	7	11	1			n
1	avg duration (h)		53	13	4			
	max duration (h)		152	148	13			
	avg temperature (F)	78.9	78.9	78.8	78.3			

Table 30. Site 8 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002		Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul								
total hours	(%) 97%	92%	30%	1%	0%			
number of >= 4 h eve	ents 2	0	16	0				
number of >= 8 h eve	ents 2	0	7	0				
avg duration	(n) 7		7	3				
max duration	(n) 10	70.0	27	3				
avg temperature	(F) 78.6	78.6	78.6	78.3				
Aug	(0()	00/	00/	00/	00/			
total hours	(%) 2%	0%	0%	0%	0%			
number of >= 4 h eve	ents 1							
number of >= 8 h eve	ents 0							
avg duration	(n) 2							
max duration	(n) 4							
avg temperature	(F) 77.8							
Sep	(0() 4.00(00/	00/	00/	00/			
total nours	(%) 10%	0%	0%	0%	0%			
number of >= 4 h eve	ents 3	0						
number of >= 8 h eve	ents 1	0						
avg duration	(n) 9	1						
max duration	(h) 53	1						
avg temperature	(F) 79.2	80.1						
Oct	(0)	001	224	224	00/			
total hours	(%) 1%	0%	0%	0%	0%			
number of >= 4 h eve	ents 0							
number of >= 8 n eve	ents 0							
avg duration	(h) 1							
max duration	(h) 2							
avg temperature	(F) 78.4							
Nov	(0/)							
total hours	(%)							
number of >= 4 h eve	ents							
number of >= 8 h eve	ents							
avg duration	(n)							
max duration	(n)							
avg temperature	(F)							
Dec	(0/)	1						
total nours	(%)							
number of >= 4 h eve	ents							
avg duration	(1)							
	(1)							
avg temperature	(F)							

	2001	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Mont
lan							1.11
Jan	total hours (%)						Jui
	number of $>= 4$ h events						
	number of $>= 8$ h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb							Aug
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Mar							Sep
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Apr			1	1			Oct
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						New
way	total hours (0/)				1		NOV
	total nours (%)						
	number of >= 4 If events						
	number of ≥ 8 h events						
	avy uuration (h)						
	max duration (n)						
lun	avg temperature (r)						Dec
Jun	total hours (%)						Dec
	number of $>= 4$ h events						
	number of $>= 8 h events$						
	ava duration (h)						
	max duration (h)						
	ave temperature (F)						

Table 31. Site 9 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative Humidity Threshold			
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul		L	1	1	1
total hours (%)				
number of >= 4 h events	5				
number of >= 8 h events	6				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Aug				1	
total hours (%)				
number of >= 4 h events	5				
number of >= 8 h events	5				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Sep		1			
total hours (%)				
number of >= 4 h events	6				
number of >= 8 h events	6				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Oct		1			
total hours (%	98%	66%	10%	0%	0%
number of >= 4 h events	5 2	10	2	0	
number of >= 8 h events	s 1	7	1	0	
avg duration (h	413	16	3		
max duration (h	821	118	14		
avg temperature (F) 73.0	73.6	74.6	75.2	
Nov					
total hours (%	93%	75%	30%	1%	0%
number of >= 4 h events	5 2	18	14	0	
number of >= 8 h events	5 2	12	8	0	
avg duration (h	374	25	6	1	
max duration (h	572	140	42	2	
avg temperature (F) 74.2	74.8	75.6	76.2	
Dec		1			
total hours (%	85%	63%	35%	12%	1%
number of >= 4 h events	5 2	5	12	8	1
number of >= 8 h events	5 2	4	9	3	0
avg duration (h	23	68	15	5	5
max duration (h	48	209	64	25	7
avg temperature (F) 71.0	71.5	72.8	73.7	74.7

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
.lan							Jul	
• • • •	total hours (%)						• •	
	number of >= 4 h events							nur
	number of >= 8 h events							nu
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb				1			Aug	
	total hours (%)						-	
	number of >= 4 h events							nur
	number of >= 8 h events							nur
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							nur
	number of >= 8 h events							nur
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							nur
	number of >= 8 h events							nur
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
May							Nov	
	total hours (%)							
	number of >= 4 h events							nur
	number of >= 8 h events							nur
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun							Dec	
	total hours (%)							
	number of >= 4 h events							nur
	number of >= 8 h events							nur
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

Table 32. Site 9 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

	2001	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Aug									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Sep									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Oct									
	total hours (%)	96%	50%	4%	0%	0%			
	number of >= 4 h events	4	12	1					
	number of >= 8 h events	4	9	1					
	avg duration (h)	75	10	4					
	max duration (h)	199	38	9					
	avg temperature (F)	72.6	73.1	74.3					
Nov									
	total hours (%)	91%	69%	20%	0%	0%			
	number of >= 4 h events	5	25	10					
	number of >= 8 h events	4	14	4					
	avg duration (h)	219	18	4					
	max duration (h)	567	138	30					
	avg temperature (F)	73.9	74.5	75.5					
Dec		0001	E 4 6 4	0001		10/			
	total hours (%)	82%	51%	28%	8%	1%			
	number of >= 4 h events	2	4	12	5	1			
	number of >= 8 h events	2	4	10	1	0			
	avg duration (h)	15	76	13	4	6			
	max duration (h)	31	186	31	23	6			
	avg temperature (F)	70.6	/1.4	72.5	/3.3	/4.5			

2002	Relative Humidity Threshold						
	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
total hours (%)	22%	13%	6%	1%	0%		
number of >= 4 h events	7	2	4	1			
number of >= 8 h events	2	1	2	0			
avg duration (h)	12	17	6	3			
max duration (h)	109	87	16	5			
avg temperature (F)	75.0	74.7	74.4	75.2			
total hours (%)	32%	13%	2%	0%	0%		
number of >= 4 h events	7	4	1				
number of >= 8 h events	7	4	1				
avg duration (h)	21	9	13				
max duration (h)	111	35	13				
avg temperature (F)	71.7	72.7	74.6				
		1					
total hours (%)	75%	59%	35%	10%	0%		
number of >= 4 h events	3	7	16	7			
number of >= 8 h events	3	6	12	2			
avg duration (h)	322	48	12	5	2		
max duration (h)	1540	200	45	15	2		
avg temperature (F)	73.5	73.9	74.7	75.6			
total hours (%)	100%	93%	74%	26%	2%		
number of >= 4 h events	0	2	25	21	0		
number of >= 8 h events	0	1	24	7	0		
avg duration (h)		112	17	5	2		
max duration (h)		880	51	12	3		
avg temperature (F)	75.1	75.3	75.7	76.6	76.3		
			1	1			
total hours (%)	88%	52%	24%	9%	1%		
number of >= 4 h events	15	5	14	8	0		
number of >= 8 h events	12	2	11	0	0		
avg duration (h)	16	3	8	4	2		
max duration (h)	70	11	17	6	3		
avg temperature (F)	76.7	76.1	76.3	76.2	75.5		
total hours (%)	76%	7%	1%	0%	0%		
number of >= 4 h events	22	2	0				
number of >= 8 h events	12	0	0				
avg duration (h)	16	2	1				
max duration (h)	198	7	1				
avg temperature (F)	77.2	77.3	77.1				
	2002 total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F) total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) avg temperature (F) total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F) total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F) total hours (%) number of >= 8 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F) total hours (%) number of >= 8 h events avg duration (h) max duration (h) avg temperature (F)	2002Above 50%total hours (%)22%number of >= 4 h events7number of >= 8 h events2avg duration (h)109avg temperature (F)75.0total hours (%)avg duration (h)21max duration (h)211max duration (h)211max duration (h)211max duration (h)211max duration (h)211max duration (h)111avg duration (h)111avg temperature (F)71.7total hours (%)75%number of >= 4 h events3number of >= 8 h events3avg duration (h)322max duration (h)1540avg temperature (F)73.5total hours (%)100%number of >= 4 h events0number of >= 8 h events0avg duration (h)100%number of >= 8 h events10avg duration (h)16max duration (h)16max duration (h)16max duration (h)76%number of >= 8 h events22number of >= 8 h events12avg duration (h)16max duration (h)76%number of >= 8 h events22number of >= 8 h events12avg duration (h)16max duration (h)16max duration (h)16max duration (h)16max duration (h)16max duration (h)16 <td>2002RelativeAbove 50%Above 50%Above 50%Above 55%number of >= 4 h events72number of >= 8 h eventsavg duration (h)109avg temperature (F)75.074 h events74 h events74 h events74 h events74 h eventsavg duration (h)21number of >= 8 h events37total hours (%)75%59%number of >= 4 h events37total hours (%)75%59%number of >= 4 h events37total hours (%)100%number of >= 4 h events0total hours (%)100%number of >= 4 h events0total hours (%)avg duration (h)100%avg duration (h)<td colspan<="" td=""><td>2002 Relative Humidity TI Above 50% Above 55% Above 60% number of >= 4 h events 7 2 4 number of >= 8 h events 2 1 2 avg duration (h) 12 17 6 max duration (h) 109 87 16 avg duration (h) 109 87 16 avg temperature (F) 75.0 74.7 74.4 total hours (%) 32% 13% 2% number of >= 8 h events 7 4 1 avg duration (h) 21 9 13 max duration (h) 21 9 13 max duration (h) 111 35 13 avg temperature (F) 71.7 72.6 74.6 total hours (%) 75% 59% 35% number of >= 8 h events 3 6 12 avg duration (h) 322 48 12 max duration (h) 320 44 12</td><td>2002 Relative Humidity Threshold Above 50% Above 60% Above 65% number of >= 4 h events 7 2 4 1 number of >= 8 h events 2 1 2 0 avg duration (h) 12 17 6 3 max duration (h) 109 87 16 5 avg temperature (F) 75.0 74.7 74.4 75.2 total hours (%) 32% 13% 2% 0% number of >= 8 h events 7 4 1 1 avg temperature (F) 71.7 72.7 74.6 1 number of >= 8 h events 7 4 1 1 avg duration (h) 111 35 13 1 avg duration (h) 21 9 13 1 number of >= 4 h events 3 7 16 7 number of >= 4 h events 3 2 2 2 number of >= 4 h events 3</td></td></td>	2002RelativeAbove 50%Above 50%Above 50%Above 55%number of >= 4 h events72number of >= 8 h eventsavg duration (h)109avg temperature (F)75.074 h events74 h events74 h events74 h events74 h eventsavg duration (h)21number of >= 8 h events37total hours (%)75%59%number of >= 4 h events37total hours (%)75%59%number of >= 4 h events37total hours (%)100%number of >= 4 h events0total hours (%)100%number of >= 4 h events0total hours (%)avg duration (h)100%avg duration (h) <td colspan<="" td=""><td>2002 Relative Humidity TI Above 50% Above 55% Above 60% number of >= 4 h events 7 2 4 number of >= 8 h events 2 1 2 avg duration (h) 12 17 6 max duration (h) 109 87 16 avg duration (h) 109 87 16 avg temperature (F) 75.0 74.7 74.4 total hours (%) 32% 13% 2% number of >= 8 h events 7 4 1 avg duration (h) 21 9 13 max duration (h) 21 9 13 max duration (h) 111 35 13 avg temperature (F) 71.7 72.6 74.6 total hours (%) 75% 59% 35% number of >= 8 h events 3 6 12 avg duration (h) 322 48 12 max duration (h) 320 44 12</td><td>2002 Relative Humidity Threshold Above 50% Above 60% Above 65% number of >= 4 h events 7 2 4 1 number of >= 8 h events 2 1 2 0 avg duration (h) 12 17 6 3 max duration (h) 109 87 16 5 avg temperature (F) 75.0 74.7 74.4 75.2 total hours (%) 32% 13% 2% 0% number of >= 8 h events 7 4 1 1 avg temperature (F) 71.7 72.7 74.6 1 number of >= 8 h events 7 4 1 1 avg duration (h) 111 35 13 1 avg duration (h) 21 9 13 1 number of >= 4 h events 3 7 16 7 number of >= 4 h events 3 2 2 2 number of >= 4 h events 3</td></td>	<td>2002 Relative Humidity TI Above 50% Above 55% Above 60% number of >= 4 h events 7 2 4 number of >= 8 h events 2 1 2 avg duration (h) 12 17 6 max duration (h) 109 87 16 avg duration (h) 109 87 16 avg temperature (F) 75.0 74.7 74.4 total hours (%) 32% 13% 2% number of >= 8 h events 7 4 1 avg duration (h) 21 9 13 max duration (h) 21 9 13 max duration (h) 111 35 13 avg temperature (F) 71.7 72.6 74.6 total hours (%) 75% 59% 35% number of >= 8 h events 3 6 12 avg duration (h) 322 48 12 max duration (h) 320 44 12</td> <td>2002 Relative Humidity Threshold Above 50% Above 60% Above 65% number of >= 4 h events 7 2 4 1 number of >= 8 h events 2 1 2 0 avg duration (h) 12 17 6 3 max duration (h) 109 87 16 5 avg temperature (F) 75.0 74.7 74.4 75.2 total hours (%) 32% 13% 2% 0% number of >= 8 h events 7 4 1 1 avg temperature (F) 71.7 72.7 74.6 1 number of >= 8 h events 7 4 1 1 avg duration (h) 111 35 13 1 avg duration (h) 21 9 13 1 number of >= 4 h events 3 7 16 7 number of >= 4 h events 3 2 2 2 number of >= 4 h events 3</td>	2002 Relative Humidity TI Above 50% Above 55% Above 60% number of >= 4 h events 7 2 4 number of >= 8 h events 2 1 2 avg duration (h) 12 17 6 max duration (h) 109 87 16 avg duration (h) 109 87 16 avg temperature (F) 75.0 74.7 74.4 total hours (%) 32% 13% 2% number of >= 8 h events 7 4 1 avg duration (h) 21 9 13 max duration (h) 21 9 13 max duration (h) 111 35 13 avg temperature (F) 71.7 72.6 74.6 total hours (%) 75% 59% 35% number of >= 8 h events 3 6 12 avg duration (h) 322 48 12 max duration (h) 320 44 12	2002 Relative Humidity Threshold Above 50% Above 60% Above 65% number of >= 4 h events 7 2 4 1 number of >= 8 h events 2 1 2 0 avg duration (h) 12 17 6 3 max duration (h) 109 87 16 5 avg temperature (F) 75.0 74.7 74.4 75.2 total hours (%) 32% 13% 2% 0% number of >= 8 h events 7 4 1 1 avg temperature (F) 71.7 72.7 74.6 1 number of >= 8 h events 7 4 1 1 avg duration (h) 111 35 13 1 avg duration (h) 21 9 13 1 number of >= 4 h events 3 7 16 7 number of >= 4 h events 3 2 2 2 number of >= 4 h events 3	

Table 33. Site 9 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

	2002	Relative Humidity Threshold				
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul			1.10/	201	201	
	total hours (%)	88%	14%	0%	0%	0%
	number of >= 4 h events	11	3	0		
	number of >= 8 h events	5	0	0		
	avg duration (h)	23	2	1		
	max duration (h)	342	5	1		
	avg temperature (F)	77.3	77.2	78.0		
Aug	(-(-))	750/	00/	00/	00/	00/
	total hours (%)	/5%	3%	0%	0%	0%
	number of >= 4 h events	16	0	0	0	0
	number of >= 8 h events	6	0	0	0	0
	avg duration (h)	17	1			
	max duration (h)	274	2			
	avg temperature (F)	78.2	78.8	79.1	78.0	78.0
Sep						
	total hours (%)	65%	4%	0%	0%	0%
	number of >= 4 h events	28	1	0	0	
	number of >= 8 h events	15	0	0	0	
	avg duration (h)	8	2	1	1	
	max duration (h)	80	5	1	1	
	avg temperature (F)	78.8	79.0	78.5	79.4	
Oct						
	total hours (%)	39%	2%	0%	0%	0%
	number of >= 4 h events	15	0	0		
	number of >= 8 h events	5	0	0		
	avg duration (h)	5	1			
	max duration (h)	17	1			
	avg temperature (F)	80.0	80.6	82.2		
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	18%	12%	4%	0%	0%		
	number of >= 4 h events	5	3	3	0			
	number of >= 8 h events	2	2	2	0			
	avg duration (h)	18	18	4				
	max duration (h)	108	47	10				
	avg temperature (F)	74.3	74.2	73.9	75.6			
Feb								
	total hours (%)	22%	8%	0%	0%	0%		
	number of >= 4 h events	5	4	0				
	number of >= 8 h events	4	2	0				
	avg duration (h)	29	9	1				
	max duration (h)	93	25	1				
	avg temperature (F)	71.6	72.9	74.5				
Mar								
	total hours (%)	73%	52%	25%	4%	0%		
	number of >= 4 h events	7	11	14	4			
	number of >= 8 h events	6	9	11	1			
	avg duration (h)	80	42	10	4			
	max duration (h)	298	149	21	11			
	avg temperature (F)	73.0	73.6	74.5	75.7			
Apr								
•	total hours (%)	100%	91%	64%	18%	0%		
	number of >= 4 h events	3	4	27	14	0		
	number of >= 8 h events	3	4	24	4	0		
	avg duration (h)	317	117	13	4	2		
	max duration (h)	902	263	46	12	2		
	avg temperature (F)	74.6	74.9	75.4	76.4	77.3		
May			1	1	1	1		
-	total hours (%)	83%	44%	19%	7%	1%		
	number of >= 4 h events	18	5	14	5	0		
	number of >= 8 h events	14	4	7	0	0		
	avg duration (h)	12	18	6	3	2		
	max duration (h)	69	139	15	6	2		
	avg temperature (F)	76.2	75.5	75.8	76.1	75.1		
Jun	U ()		1		-	-		
	total hours (%)	62%	3%	0%	0%	0%		
	number of >= 4 h events	22	0					
	number of >= 8 h events	13	0					
1	avg duration (h)	8	1					
1	max duration (h)	99	2					
	avg temperature (F)	76.8	77.0					

Table 34. Site 9 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002			Relative	Humidity T	hreshold	
Month	Abov	/e 50%	Above 55%	Above 60%	Above 65%	Above 70%
L.I.						
Jui total bours	(0/)	700/	70/	09/	09/	09/
lotal hours	(%)	10%	1%	0%	0%	0%
number of $>= 8 h over$	onte	17 Q	1			
	h)	12	0			
avy duration	(II) (b)	2/1	5			
		76.7	76.5			
Aug temperature	(I)	70.7	70.5			
total hours	(%)	61%	1%	0%	0%	0%
number of >-4 b eve	ents	24	0	0,0	070	070
number of $>= 8$ h eve	ents	11	0	0		
avg duration	(h)	9	1	0		
max duration	(h)	73	1			
avg temperature	(F)	77.4	79.3	77.8		
Sep	, (1)		10.0	11.0		
total hours	(%)	41%	0%	0%	0%	0%
number of ≥ 4 h eve	ents	23	0	070	070	0,0
number of $>= 8 h eve$	ents	11	0			
avg duration	(h)	4	1			
max duration	(h)	24	1			
avg temperature	(F)	78.0	78.1			
Oct	(.)					
total hours	(%)	29%	0%	0%	0%	0%
number of >= 4 h eve	ents	10	0			
number of >= 8 h eve	ents	2	0			
avg duration	(h)	3				
max duration	ı (h)	13				
avg temperature	(F)	79.1	81.0			
Nov	< /			1	1	
total hours	(%)					
number of >= 4 h eve	ents					
number of >= 8 h eve	ents					
avg duration	ı (h)					
max duration	ı (h)					
avg temperature	: (F)					
Dec						
total hours	(%)					
number of >= 4 h eve	ents					
number of >= 8 h eve	ents					
avg duration	ı (h)					
max duration	n (h)					
avg temperature	e (F)					

	2001		Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Мо	on
Jan							Ju	ıl
	total hours (%)						•	
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							Au	Jg
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Se	эр
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)						_	_
Apr					1		00	ct
	total hours (%)							
	number of $>= 4$ h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (n)							
Mov	avg temperature (F)						No	
way	total bours $(9/)$						INC	J V
	101a110015(76)							
	number of $>= 8$ h events							
	ava duration (b)							
	max duration (h)							
	avg temperature (F)							
Jun	avy temperature (1)					1	De	20
- 411	total hours (%)							
	number of $>= 4$ h events							
	number of $>= 8$ h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

Table 35. Site 10 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jul								
oui	total hours (%)				1	1		
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Aug				•		-		
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
_	avg temperature (F)							
Sep			1	1	1	1		
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (n)							
Oct	avg temperature (F)							
001	total bours (9/)	0.20/	110/	1.09/	20/	0%		
	101a110015(%)	03%	44 %	10%	2%	0%		
	number of >-8 h events	5	12	0	0			
	ava duration (h)	25	5	2	1			
	max duration (h)	213	27	4	1			
	avg temperature (F)	75.0	75.3	75.2	75.5			
Nov		1010	. 0.0	. 0.2				
	total hours (%)	81%	39%	8%	0%	0%		
	number of $>= 4$ h events	12	18	2	0			
	number of >= 8 h events	11	7	0	0			
	avg duration (h)	29	3	2	1			
	max duration (h)	120	16	5	1			
	avg temperature (F)	74.8	75.0	75.1	74.5			
Dec	· · · · · · · · · · · · · · · · · · ·							
	total hours (%)	46%	25%	7%	1%	0%		
	number of >= 4 h events	6	10	2	0			
	number of >= 8 h events	6	7	0	0			
	avg duration (h)	39	9	3	1			
	max duration (h)	137	53	7	2			
	avg temperature (F)	73.6	74.9	75.1	75.2			

	2001	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Ν
.lan							
oun	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb							4
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Mar							5
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Apr				1	1		C
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (n)						
Mov	avg temperature (F)						
way	total houre (%)			1	1		r
	number of >-4 b events						
	number of $>= 8$ h events						
	ava duration (b)						
	max duration (h)						
	avg temperature (F)						
Jun							Ē
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						

Table 36. Site 10 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

	2001	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul									
	total hours (%)								
	number of >= 4 h events	-							
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Aug	· · · · · ·								
	total hours (%)								
	number of >= 4 h events	-							
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Sep									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Oct									
	total hours (%)	75%	27%	3%	0%	0%			
	number of >= 4 h events	13	15	0					
	number of >= 8 h events	9	3	0					
	avg duration (h)	22	3	1					
	max duration (h)	172	16	2					
	avg temperature (F)	74.2	74.4	74.4					
Nov									
	total hours (%)	/0%	22%	0%	0%	0%			
	number of >= 4 h events	25	12	0					
	number of >= 8 h events	18	1	0					
	avg duration (h)	10	2	1					
	max duration (n)	53	9	1					
	avg temperature (F)	73.8	74.1	/4./					
Dec	total barra (0()	200/	4.00/	00/	00/	00/			
	total nours (%)	38%	18%	2%	0%	0%			
	number of >= 4 n events	7	12	0					
		/	6	0					
	avy duration (h)	28	0	1					
	max ouration (n)	78	20	Z 74.2					
	avg temperature (F)	13.2	74.0	14.2					

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	29%	12%	2%	0%	0%		
	number of >= 4 h events	8	9	0	0			
	number of >= 8 h events	5	4	0	0			
	avg duration (h)	14	6	2	1			
	max duration (h)	99	16	3	1			
	avg temperature (F)	75.6	77.2	77.2	71.8			
Feb								
	total hours (%)	16%	2%	1%	0%	0%		
	number of >= 4 h events	7	1	0				
1	number of >= 8 h events	5	0	0				
1	avg duration (h)	6	2	1				
	max duration (h)	24	5	2				
	avg temperature (F)	73.3	73.5	72.1				
Mar								
	total hours (%)	53%	25%	5%	0%	0%		
	number of >= 4 h events	12	13	1	0			
	number of >= 8 h events	10	8	0	0			
	avg duration (h)	16	3	2	1			
	max duration (h)	123	13	4	1			
	avg temperature (F)	74.6	75.0	75.2	75.9			
Apr	C							
•	total hours (%)	89%	46%	11%	1%	0%		
	number of >= 4 h events	17	24	2	0			
	number of >= 8 h events	13	4	0	0			
	avg duration (h)	23	3	1	1			
	max duration (h)	187	12	6	1			
	avg temperature (F)	75.0	75.2	75.3	75.0			
May	C							
	total hours (%)	73%	19%	2%	0%	0%		
	number of >= 4 h events	33	6	0	0			
	number of >= 8 h events	16	0	0	0			
	avg duration (h)	6	2	1	1			
	max duration (h)	93	6	2	1			
	avg temperature (F)	75.4	75.2	74.9	73.8			
Jun	C							
	total hours (%)	67%	14%	1%	0%	0%		
	number of >= 4 h events	31	5	0	0			
	number of >= 8 h events	21	1	0	0			
	avg duration (h)	6	2	1	1			
	max duration (h)	49	10	2	1			
	avg temperature (F)	78.3	78.9	77.7	76.9			

Table 37. Site 10 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

	2002	Relative Humidity Threshold								
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
Ind										
Jui	total hours (%)	41%	8%	1%	0%	0%				
	number of >-4 h events	15	0/0	1/0	0,0	070				
	number of $>= 8$ h events	13	0	0	0					
	avg duration (h)	3	2	1	1					
	max duration (h)	18	4	1	1					
	avg temperature (F)	78.1	77.9	76.8	75.9					
Aug	<u> </u>		-			1				
0	total hours (%)	54%	13%	2%	1%	0%				
	number of >= 4 h events	36	1	0	0					
	number of >= 8 h events	10	0	0	0					
	avg duration (h)	4	2	1	1					
	max duration (h)	15	5	2	2					
	avg temperature (F)	77.4	77.1	76.7	76.3					
Sep										
	total hours (%)	88%	33%	7%	2%	1%				
	number of >= 4 h events	32	18	2	1	0				
	number of >= 8 h events	23	2	1	0	0				
	avg duration (h)	14	3	2	2	1				
	max duration (h)	121	11	10	5	1				
	avg temperature (F)	76.6	76.4	76.1	75.9	75.6				
Oct										
	total hours (%)	94%	48%	13%	4%	0%				
	number of >= 4 h events	4	18	1	0					
	number of >= 8 h events	4	6	0	0					
	avg duration (h)	22	4	2	1					
	max duration (h)	111	13	5	3					
	avg temperature (F)	75.4	75.4	75.1	74.8					
Nov			1							
	total hours (%)									
	number of >= 4 h events									
	number of >= 8 h events									
	avg duration (h)									
	max duration (h)									
	avg temperature (F)									
Dec										
	total hours (%)									
	number of >= 4 h events									
	number of >= 8 h events									
	avg duration (h)									
	max duration (h)									
	avg temperature (F)									

	2002	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jan									
	total hours (%)	21%	8%	0%	0%	0%			
	number of >= 4 h events	9	6	0					
	number of >= 8 h events	6	3	0					
	avg duration (h)	12	5						
	max duration (h)	28	16						
	avg temperature (F)	75.6	76.7	79.1					
Feb									
	total hours (%)	9%	1%	0%	0%	0%			
	number of >= 4 h events	5	0						
	number of >= 8 h events	2	0						
	avg duration (h)	3	2						
	max duration (h)	9	3						
	avg temperature (F)	72.7	72.5						
Mar				1					
	total hours (%)	43%	12%	0%	0%	0%			
	number of >= 4 h events	15	8	0					
	number of >= 8 h events	10	0	0					
	avg duration (h)	11	2	1					
	max duration (h)	71	7	1					
	avg temperature (F)	73.4	73.9	74.5					
Apr			°	•	•				
	total hours (%)	79%	23%	1%	0%	0%			
	number of >= 4 h events	37	6	0					
	number of >= 8 h events	23	0	0					
	avg duration (h)	9	2	1					
	max duration (h)	44	7	2					
	avg temperature (F)	73.9	74.1	74.1					
May									
	total hours (%)	51%	5%	0%	0%	0%			
	number of >= 4 h events	26	0						
	number of >= 8 h events	11	0						
	avg duration (h)	5	2						
	max duration (h)	44	4						
	avg temperature (F)	74.1	74.2						
Jun									
	total hours (%)	32%	2%	0%	0%	0%			
	number of >= 4 h events	13	0						
	number of >= 8 h events	7	0						
	avg duration (h)	3	2						
	max duration (h)	21	4						
	avg temperature (F)	77.4	77.0						

2002 **Relative Humidity Threshold** Above 50% Above 55% Above 60% Above 65% Above 70% Month Jul 10% 0% 0% 0% 0% total hours (%) number of >= 4 h events 2 0 0 0 number of >= 8 h events avg duration (h) 2 1 6 1 max duration (h) avg temperature (F) 75.8 75.9 Aug 28% 2% 0% 0% 0% total hours (%) number of >= 4 h events 13 0 1 0 number of >= 8 h events avg duration (h) 2 1 2 9 max duration (h) 75.7 avg temperature (F) 75.7 Sep total hours (%) 65% 10% 1% 0% 0% number of >= 4 h events 33 0 0 1 number of >= 8 h events 18 0 0 0 avg duration (h) 6 1 1 1 2 max duration (h) 40 4 1 avg temperature (F) 75.4 75.4 75.1 74.8 Oct total hours (%) 84% 25% 3% 0% 0% number of >= 4 h events 15 9 1 0 number of >= 8 h events 12 2 0 0 avg duration (h) 14 3 2 2 max duration (h) 59 11 5 2 avg temperature (F) 74.5 74.6 74.5 73.8 Nov total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F) Dec total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F)

Table 38. Site 10 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Mont	
.lan							Jul	
oun	total hours (%)						ou.	
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							Aug	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
мау					1		Nov	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
lun	avg temperature (F)					[Dec	
Jun	total hours (9/)						Dec	
	101a1 11001S(%)							
	number of $>= 9$ h events							
	ava duration (h)							
	max duration (h)							
	ava temperature (F)							
	avg duration (h) max duration (h) avg temperature (F)							

Table 39. Site 11 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001	Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
hul							
total hours (%)	88%	88%	75%	38%	0%		
number of $>= 4$ h events	1	1	1	0	0,0		
number of $>= 8$ h events	1	1	0	0			
avg duration (h)	2891	1619	6	3			
max duration (h)	2891	1619	6	3			
avg temperature (F)	75.9	75.9	76.2	76.4			
Aug							
total hours (%)	100%	100%	84%	47%	14%		
number of >= 4 h events	0	0	16	19	10		
number of >= 8 h events	0	0	10	18	4		
avg duration (h)			22	13	4		
max duration (h)			228	46	13		
avg temperature (F)	74.3	74.3	74.6	75.2	75.7		
Sep							
total hours (%)	100%	100%	89%	28%	1%		
number of >= 4 h events	0	0	18	13	0		
number of >= 8 h events	0	0	14	8	0		
avg duration (h)			24	4	1		
max duration (h)			361	19	2		
avg temperature (F)	74.5	74.5	74.6	74.9	/5.5		
Oct	4000/	000/	700/	400/	00/		
total nours (%)	100%	99%	72%	16%	2%		
number of $>= 4$ n events	0	3	25	7	0		
number of >= 8 if events	0	410	10	0	0		
avy duration (h)		7419	132	7	2		
ava temperature (F)	73.1	742	73.3	74.0	74.2		
Nov	70.1	10.2	70.0	74.0	14.2		
total hours (%)	98%	93%	81%	30%	2%		
number of $>= 4$ h events	1	1	22	17	1		
number of $>= 8$ h events	1	1	18	7	0		
avg duration (h)	215	567	20	4	2		
max duration (h)	642	567	70	29	8		
avg temperature (F)	72.4	72.6	72.8	73.1	73.6		
Dec		_		-			
total hours (%)	94%	81%	65%	33%	9%		
number of >= 4 h events	3	1	11	18	5		
number of >= 8 h events	3	1	8	12	1		
avg duration (h)	17	10	30	8	3		
max duration (h)	44	32	126	28	12		
avg temperature (F)	70.5	70.7	70.8	71.5	72.4		

2001		Relative	2001				
	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
						Jul	
total hours (%)						e ui	
number of $>= 4$ h events							number o
number of $>= 8$ h events							number o
avg duration (h)							a
max duration (h)							m
avg temperature (F)							avo t
						Aug	argt
total hours (%)							
number of $>= 4$ h events							number o
number of $>= 8$ h events							number o
avg duration (h)							a
max duration (h)							m
avg temperature (F)							avo t
						Sep	avgt
total hours (%)							
number of $>= 4$ b events							number o
number of $>= 8$ h events							number o
avg duration (h)							a
max duration (h)							m
avg temperature (F)							avo t
						Oct	avgt
total hours (%)							
number of $>= 4$ h events							number o
number of $>= 8 h$ events							number o
ava duration (b)							a
max duration (h)							m
avg temperature (F)							avo t
			Į	l.		Nov	argt
total hours (%)							
number of $>= 4$ h events							number o
number of $> - 8$ b events							number o
ava duration (b)							a
max duration (h)							m
ava temperature (F)							avat
avg temperature (i)						Dec	avyt
total bours (%)						Dec	
number of $>= 4$ h events							number o
number of >-8 h events							number o
ava duration (h)							number 0
max duration (h)							m
ava temperaturo (E)							11 2)/0 t
	total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F) total hours (%) number of >= 8 h events avg duration (h) avg temperature (F) total hours (%) number of >= 8 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F) total hours (%) number of >= 8 h events number of >= 8 h events number of >= 8 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F) total hours (%) number of >= 8 h events number of >= 8 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F) total hours (%) number of >= 8 h events avg duration (h) max duration (h) avg temperature (F) total hours (%) number of >= 8 h events avg duration (h) avg temperature (F)	2001Above 50%total hours (%)number of >= 4 h eventsnumber of >= 8 h eventsavg duration (h)max duration (h)max duration (h)avg temperature (F)total hours (%)number of >= 4 h eventsnumber of >= 8 h eventsavg duration (h)max duration (h)avg temperature (F)total hours (%)number of >= 4 h eventsnumber of >= 8 h eventsavg temperature (F)total hours (%)number of >= 4 h eventsnumber of >= 8 h eventsavg duration (h)max duration (h)avg temperature (F)total hours (%)number of >= 4 h eventsnumber of >= 8 h eventsavg duration (h)max duration (h)avg temperature (F)total hours (%)number of >= 4 h eventsnumber of >= 8 h eventsavg duration (h)max duration (h)avg turation (h)max duration (h)avg duration (h)max duration (h)avg duration (h)max duration (h)avg duration (2001RelativeAbove 50%Above 50%Above 55%number of >= 4 h eventsavg duration (h)max duration (h)max duration (h)avg duration (h)avg duration (h)max duration (h)avg duration (Z001 Relative Humilaty I Above 50% Above 55% Above 60% number of >= 4 h events	Z001 Relative Humilaty Threshold Above 50% Above 60% Above 65% number of >= 4 h events	Z001 Relative Humidity Infestiold Above 50%, Above 55%, Above 60%, Above 65%, Above 70%, Above 70%, Above 60%, Above 65%, Above 70%, Above 70%, Above 65%, Above 70%, Above 70%, Above 70%, Above 70%, Above 65%, Above 70%, Above 70%, Above 70%, Above 70%, Above 70%, Above 70%, Above 65%, Above 70%, Above 70\%, Above 70\%, Above 70\%, Above 70\%,	Z001 Relative Humany Intesnola Month Above 50% Above 55% Above 66% Above 70% Month Jul total hours (%)

Table 40. Site 11 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul						
oui	total hours (%)	88%	88%	50%	0%	0%
	number of $>= 4$ h events	1	1	1		
	number of >= 8 h events	1	1	0		
	avg duration (h)	2886	516	4		
	max duration (h)	2886	516	4		
	avg temperature (F)	74.4	74.4	75.0		
Aug						
	total hours (%)	100%	98%	60%	22%	0%
	number of >= 4 h events	0	5	18	12	
	number of >= 8 h events	0	5	16	9	
	avg duration (h)		123	12	6	
	max duration (h)		636	137	20	
	avg temperature (F)	72.7	72.7	73.3	73.8	
Sep						
	total hours (%)	100%	98%	57%	6%	0%
	number of >= 4 h events	0	7	28	4	
	number of >= 8 h events	0	7	21	1	
	avg duration (h)		14	8	2	
	max duration (h)		83	40	8	
	avg temperature (F)	73.2	73.3	73.6	74.1	
Oct						
	total hours (%)	100%	91%	44%	4%	0%
	number of >= 4 h events	0	16	27	1	0
	number of >= 8 h events	0	13	14	0	0
	avg duration (h)		29	6	2	
	max duration (h)		169	22	4	
	avg temperature (F)	71.9	72.1	72.5	73.0	74.5
Nov						
	total hours (%)	94%	89%	55%	10%	0%
	number of $>= 4$ h events	1	6	24	4	
	number of >= 8 h events	1	5	21	1	
	avg duration (h)	284	75	6	3	
	max duration (h)	566	313	45	17	
	avg temperature (F)	71.4	71.6	72.0	72.4	
Dec		000/	0001		1001	10/
	total hours (%)	82%	69%	44%	19%	1%
	number of >= 4 n events	3	7	12	10	0
	number of $>= 8$ h events	1	5	9	7	0
	avg duration (h)	13	51	16	5	2
	max duration (n)	38	221	76	16	2
	avg temperature (F)	69.7	69.8	70.4	/1.5	/1./

Relative Humidity Threshold

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
.lan								
Can	total hours (%)	68%	48%	21%	5%	0%		
	number of >= 4 h events	3	6	5	2	0		
	number of >= 8 h events	1	3	4	1	0		
	avg duration (h)	5	16	14	3	1		
	max duration (h)	19	72	42	11	1		
	avg temperature (F)	72.4	72.8	73.8	74.0	72.8		
Feb								
	total hours (%)	81%	46%	19%	3%	0%		
	number of >= 4 h events	9	8	5	2			
	number of >= 8 h events	6	6	3	0			
	avg duration (h)	37	17	10	3			
	max duration (h)	212	161	85	6			
	avg temperature (F)	70.9	71.2	71.9	73.2			
Mar								
	total hours (%)	86%	75%	53%	25%	3%		
	number of >= 4 h events	2	3	16	12	2		
	number of >= 8 h events	2	3	14	9	0		
	avg duration (h)	43	318	15	6	2		
	max duration (h)	98	1497	97	19	6		
	avg temperature (F)	74.1	74.3	74.6	75.2	75.0		
Apr								
	total hours (%)	100%	100%	98%	53%	7%		
	number of >= 4 h events	0	0	8	30	2		
	number of >= 8 h events	0	0	8	20	0		
	avg duration (h)			92	7	2		
	max duration (h)			238	24	5		
	avg temperature (F)	74.7	74.7	74.7	74.8	74.6		
Мау								
	total hours (%)	100%	99%	78%	23%	3%		
	number of >= 4 h events	0	4	24	11	0		
	number of >= 8 h events	0	4	19	6	0		
	avg duration (h)		114	15	5	2		
	max duration (h)		193	70	34	2		
	avg temperature (F)	76.7	76.8	76.9	77.3	75.6		
Jun			-	-				
	total hours (%)	100%	99%	63%	10%	0%		
	number of >= 4 h events	0	3	35	2	0		
	number of >= 8 h events	0	3	21	0	0		
	avg duration (h)		351	7	2			
	max duration (h)		673	25	6			
1	avg temperature (F)	76.3	76.3	76.4	76.2	75.2		

Table 41. Site 11 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

	2002	Relative Humidity Threshold								
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
hul										
Jui	total hours (%)	100%	100%	58%	6%	0%				
	number of $>= 4$ h events	0	0	28	0	0				
	number of $>= 8$ h events	0	0	16	0	0				
	avg duration (h)			6	1	1				
	max duration (h)			25	3	1				
	avg temperature (F)	76.7	76.8	76.9	76.1	75.7				
Aug	<u> </u>				-					
•	total hours (%)	100%	100%	50%	8%	1%				
	number of >= 4 h events	0	1	26	2	0				
	number of >= 8 h events	0	1	10	0	0				
	avg duration (h)		1028	4	2	1				
	max duration (h)		1028	27	8	2				
	avg temperature (F)	76.0	76.0	76.1	76.0	75.5				
Sep				1						
-	total hours (%)	100%	100%	66%	14%	1%				
	number of >= 4 h events	0	1	38	0	0				
	number of >= 8 h events	0	1	21	0	0				
	avg duration (h)		711	5	2	1				
	max duration (h)		711	33	4	2				
	avg temperature (F)	75.9	75.9	76.1	76.0	76.5				
Oct										
	total hours (%)	99%	95%	72%	20%	1%				
	number of >= 4 h events	1	2	21	3	0				
	number of >= 8 h events	0	1	16	0	0				
	avg duration (h)	7	12	7	2	2				
	max duration (h)	7	26	36	4	2				
	avg temperature (F)	75.7	75.8	75.9	76.0	75.6				
Nov										
	total hours (%)									
	number of >= 4 h events									
	number of >= 8 h events									
	avg duration (h)									
	max duration (h)									
	avg temperature (F)									
Dec										
	total hours (%)									
	number of >= 4 h events									
	number of >= 8 h events									
	avg duration (h)									
	max duration (h)									
	avg temperature (F)									

	2002	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jan									
	total hours (%)	57%	28%	8%	0%	0%			
	number of >= 4 h events	3	6	3	0				
	number of >= 8 h events	2	4	2	0				
	avg duration (h)	32	13	6	1				
	max duration (h)	125	60	11	1				
	avg temperature (F)	69.9	70.8	71.2	71.9				
Feb			1						
	total hours (%)	56%	23%	7%	0%	0%			
	number of >= 4 h events	11	7	3	0				
	number of >= 8 h events	5	2	1	0				
	avg duration (h)	19	11	6	2				
	max duration (h)	196	85	17	2				
	avg temperature (F)	68.5	69.5	70.4	71.2				
Mar			1						
	total hours (%)	80%	63%	33%	8%	0%			
	number of >= 4 h events	3	11	19	7				
	number of >= 8 h events	2	6	11	1				
	avg duration (h)	25	28	8	4				
	max duration (h)	70	278	36	8				
	avg temperature (F)	69.6	69.8	70.6	71.0				
Apr				1	1	1			
-	total hours (%)	100%	100%	79%	21%	0%			
	number of >= 4 h events	0	1	38	17	0			
	number of >= 8 h events	0	1	23	1	0			
	avg duration (h)		798	11	3	2			
	max duration (h)		798	69	11	2			
	avg temperature (F)	71.0	71.1	71.2	71.3	72.1			
Mav									
	total hours (%)	100%	89%	30%	3%	0%			
	number of >= 4 h events	0	22	18	1	0			
	number of >= 8 h events	0	19	12	0	0			
	avg duration (h)	-	18	6	2	1			
	max duration (h)		73	19	4	1			
	avg temperature (F)	72.5	72.7	73.0	72.7	73.3			
Jun									
	total hours (%)	100%	77%	13%	0%	0%			
	number of >= 4 h events	0	24	3	0				
	number of >= 8 h events	0	19	1	0				
	avg duration (h)		13	2					
	max duration (h)		155	10					
	avg temperature (F)	72.2	72.3	72.9	72.5				

Table 42. Site 11 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002	Relative Humidity Threshold								
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
			•							
Jul			- 101							
	total hours (%)	100%	74%	6%	0%	0%				
	number of >= 4 h events	0	29	2	0					
	number of >= 8 h events	0	20	0	0					
	avg duration (h)		9	2	2					
	max duration (h)		51	5	2					
	avg temperature (F)	72.4	72.6	72.8	73.5					
Aug		1000/	700/	1001	10/	001				
	total hours (%)	100%	/8%	10%	1%	0%				
	number of $>= 4$ h events	0	27	3	0	0				
	number of >= 8 h events	0	21	2	0	0				
	avg duration (h)		11	2	1	1				
	max duration (h)		72	11	2	1				
_	avg temperature (F)	72.2	72.4	72.9	72.7	73.2				
Sep										
	total hours (%)	100%	88%	25%	1%	0%				
	number of $>= 4$ h events	0	22	9	0					
	number of >= 8 h events	0	19	1	0					
	avg duration (h)		17	2	1					
	max duration (h)		118	8	1					
	avg temperature (F)	72.3	72.4	72.9	73.9					
Oct										
	total hours (%)	97%	89%	43%	1%	0%				
	number of >= 4 h events	1	9	12	0					
	number of >= 8 h events	1	7	8	0					
	avg duration (h)	16	25	4	2					
	max duration (h)	16	123	20	2					
	avg temperature (F)	72.4	72.5	72.8	74.0					
Nov										
	total hours (%)									
	number of >= 4 h events									
	number of >= 8 h events									
	avg duration (h)									
	max duration (h)									
	avg temperature (F)									
Dec										
	total hours (%)									
	number of >= 4 h events									
	number of >= 8 h events									
	avg duration (h)									
	max duration (h)									
	avg temperature (F)									

	2001	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Мо
Jan							Jul
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb							Aug
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Mar			L	1	T		Sep
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
A	avg temperature (F)						0.01
Apr	total hours (0/)						001
	101a1 Hours(%)						
	number of $>= 4$ h events						
	$\frac{1}{10000000000000000000000000000000000$						
	max duration (h)						
	ava temperature (F)						
Mav	avy temperature (1)						Nov
way	total bours (%)						100
	number of $>= 4$ h events						
	number of $>= 8$ h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						1
Jun	5 5 m m e e e e e e e e e e e e e e e e		1	1	1		Dec
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						

Table 43. Site 12 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001	Relative Humidity Threshold					
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
1.1						
total hours (%)				,		
number of $>= 4$ h events						
number of $>= 8$ h events						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Aug			1	<u> </u>		
total hours (%)						
number of >= 4 h events						
number of >= 8 h events						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Sep						
total hours (%)						
number of >= 4 h events						
number of >= 8 h events						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Oct						
total hours (%)	94%	62%	8%	1%	0%	
number of >= 4 h events	5	10	2	0		
number of >= 8 h events	5	1	0	0		
avg duration (h)	167	21	2	2		
max duration (n)	728	121	8	2		
avg temperature (F)	/1.5	70.2	70.1	70.9		
NOV	0.7%	000/	559/	120/	0%	
$r_{\rm cont}$	91%	00 %	20	13%	0%	
number of $>= 8$ h events	3	9	17	4	0	
ava duration (b)	120	62	11	5	0	
max duration (h)	503	222	83	27		
avg temperature (F)	74 1	74.6	74 9	74.2	73.2	
Dec	74.1	74.0	74.5	14.2	10.2	
total hours (%)	75%	51%	29%	10%	0%	
number of $>= 4$ h events	2	6	4	8	0	
number of >= 8 h events	1	5	3	4	0	
avg duration (h)	35	38	36	7	1	
max duration (h)	64	193	126	17	1	
avg temperature (F)	76.1	75.7	75.9	75.2	75.2	

	2001	Relative Humidity Threshold				
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
.lan						
•	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Feb						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Mar			[T	1	1
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
A 10.11	avg temperature (F)					
Арг	total hours (0()					
	101a1 Hours(%)					
	number of $>= 8$ h events					
	number of $>=$ of the vertice (b)					
	max duration (h)					
	ava temperature (F)					
Mav						
may	total hours (%)					
	number of $>= 4$ h events					
	number of $>= 8$ h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Jun				1	1	·
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

Table 44. Site 12 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

2001	Relative Humidity Threshold					
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jul				1		
total nours (%)						
number of >= 4 h events						
number of >= 8 h events						
avg duration (h)						
max duration (n)						
avg temperature (F)						
Aug				1		
$r_{\rm control}$						
number of $y = 4$ h events						
number of >= on events						
avy duration (h)						
avg temperature (F)						
sep				1		
number of > -4 b events						
number of $>= 8$ h events						
number of >= of revents						
avg duration (h)						
niax duration (ii)						
avg temperature (i)						
total hours (%)	7/0/	10%	10/	0%	0%	
number of >-4 b events	14/0	1370	170	070	070	
number of >= 8 h events	0	3	0			
ava duration (h)	107	5	2			
max duration (h)	519	16	2			
ava temperature (F)	69.2	68.7	69.5			
Nov	03.2	00.7	03.5			
total hours (%)	93%	71%	28%	4%	0%	
number of >-4 h events	2	15	10	1	070	
number of $>= 8$ h events	2	10	8	1		
avg duration (h)	126	25	8	4		
max duration (h)	208	217	56	21		
avg temperature (F)	73.1	73.7	73.6	73.7		
	75.1	10.1	73.0	13.1		
total hours (%)	51%	34%	18%	4%	0%	
number of $>= 4$ h events	4	4	4	4	070	
number of $>= 8 h events$	4	3	4	0		
avg duration (h)	30	43	27	5		
max duration (h)	68	173	91	7		
avg temperature (F)	73.1	73.0	73.4	73.3		
	10.1	70.0	70.4	10.0	1	

	2002	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
.Jan							
•	total hours (%)	37%	17%	11%	3%	0%	
	number of >= 4 h events	5	3	4	3		
	number of >= 8 h events	4	3	3	1		
	avg duration (h)	45	31	9	4		
	max duration (h)	94	80	42	8		
	avg temperature (F)	75.2	76.0	76.0	76.1		
Feb		†	1				
	total hours (%)	18%	4%	2%	0%	0%	
	number of >= 4 h events	6	2	1	0		
	number of >= 8 h events	5	1	1	0		
	avg duration (h)	13	5	14	2		
	max duration (h)	37	18	14	2		
	avg temperature (F)	74.1	74.2	73.7	73.8		
Mar		1					
	total hours (%)	72%	50%	34%	16%	1%	
	number of >= 4 h events	10	7	5	3	1	
	number of >= 8 h events	9	7	4	2	0	
	avg duration (h)	200	45	32	15	3	
	max duration (h)	1565	184	107	61	4	
	avg temperature (F)	75.5	76.1	76.9	77.9	78.2	
Apr		-					
· •	total hours (%)	100%	90%	85%	52%	2%	
	number of >= 4 h events	0	1	3	23	0	
	number of $>= 8$ h events	0	1	3	10	0	
	avg duration (h)	-	258	218	9	1	
	max duration (h)		772	471	59	3	
i i	avg temperature (F)	77.0	77.5	77.6	78.3	75.7	
May		+					
	total hours (%)	100%	90%	50%	21%	4%	
l	number of $>= 4$ h events	0	30	19	9	2	
	number of $>= 8$ h events	Ő	26	5	3	- 0	
	ava duration (h)	Ť	13	4	3	2	
	max duration (h)		46	39	20	- 7	
	avg temperature (F)	76.1	76.2	76.5	76.6	76.1	
Jun	avy temperature (1)	10.1	10.2	10.0	10.0	70.1	
Jun	total hours (%)	99%	73%	40%	23%	5%	
	number of $>= 4$ h events	4	33	16	9	1	
	number of $>= 8$ h events	4	21	5	0		
	ava duration (b)	89	7	3	2	1	
	max duration (h)	313	43	16	7		
	ava temperature (F)	76.3	76.4	76.4	76.3	75.9	
	avy temperature (r)	70.5	70.4	70.4	70.5	15.5	

Table 45. Site 12 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

Month Above 50% Above 60% Above 66% Above 66% Above 70% Jul total hours (%) 96% 62% 33% 20% 5% number of >= 4 h events 2 28 9 2 1 number of >= 8 h events 1 15 1 1 0 66 avg duration (h) 3 4 2 2 2 max duration (h) 10 31 21 10 66 avg temperature (F) 75.3 75.5 75.4 75.2 74.5 Aug 0 0 0 0 0 0 number of >= 8 h events 34 9 2 0 0 0 number of >= 8 h events 71 0 0 0 0 0 avg duration (h) 5 2 2 1 1 1 max duration (h) 5 3 0 0 0 0 number of >= 8 h events 21		2002	Relative Humidity Threshold					
Jul total hours (%) number of >= 4 h events 96% 62% 33% 20% 5% number of >= 8 h events 1 15 1 1 0 avg duration (h) 3 4 2 2 2 max duration (h) 10 31 21 10 6 avg temperature (F) 75.3 75.5 75.4 75.2 74.5 Aug total hours (%) 60% 32% 17% 4% 0% number of >= 8 h events 34 9 2 0 0 0 avg temperature (F) 76.5 76.3 76.2 76.2 78.7 Sep total hours (%) 73% 35% 16% 3% 0% number of >= 4 h events 37 19 5 0 1 max duration (h) 7 2 2 1 1 max duration (h) 7 2 2 1 1 1 0 0 </th <th>Month</th> <th></th> <th>Above 50%</th> <th>Above 55%</th> <th>Above 60%</th> <th>Above 65%</th> <th>Above 70%</th>	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
total hours (%) number of >= 4 h events 96% 62% 33% 20% 5% number of >= 8 h events 1 15 1 1 0 avg duration (h) 3 4 2 2 2 max duration (h) 10 31 21 10 6 avg duration (h) 10 31 21 10 6 avg temperature (F) 75.3 75.5 75.4 75.2 74.5 Aug 0 0 0 0 0 0 number of >= 4 h events 34 9 2 0 0 0 avg duration (h) 5 2 2 1 1 0 0 0 avg duration (h) 5 2 2 1 1 1 0 0 0 number of >= 4 h events 37 19 5 0 0 0 0 0 0 0 0 0 0 0 0	11							
Interform Solve	Jui	total hours (%)	96%	62%	33%	20%	5%	
number of >= 8 h events avg duration (h) 1 15 1 1 0 avg duration (h) 3 4 2 2 2 max duration (h) 10 31 21 10 6 avg temperature (F) 75.3 75.5 75.4 75.2 74.5 Aug total hours (%) 60% 32% 17% 4% 0% number of >= 8 h events 34 9 2 0 0 number of >= 8 h events 17 1 0 0 0 avg temperature (F) 76.5 76.3 76.2 78.7 Sep total hours (%) 73% 35% 16% 3% 0% number of >= 8 h events 21 3 0 0 0 0 avg temperature (F) 75.6 75.6 75.5 75.3 0 0 number of >= 8 h events 11 7 0 0 0 0 avg temperature (F) 74.9 </td <td></td> <td>number of $>= 4$ h events</td> <td>2</td> <td>28</td> <td>9</td> <td>2070</td> <td>1</td>		number of $>= 4$ h events	2	28	9	2070	1	
avg duration (h) 3 4 2 2 2 max duration (h) 10 31 21 10 6 avg temperature (F) 75.3 75.5 75.4 75.2 74.5 Aug total hours (%) 60% 32% 17% 4% 0% number of >= 4 h events 34 9 2 0 0 avg duration (h) 5 2 2 1 1 max duration (h) 5 2 2 1 1 max duration (h) 25 8 4 3 1 avg temperature (F) 76.5 76.3 76.2 78.7 Sep total hours (%) 73% 35% 16% 3% 0% number of >= 8 h events 21 3 0 0 0 avg temperature (F) 75.6 75.5 75.3 Oct total hours (%) number of >= 8 h events 20 11 2 0 0 1		number of >= 8 h events	1	15	1	1	0	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		avg duration (h)	3	4	2	2	2	
avg temperature (F) 75.3 75.5 75.4 75.2 74.5 Aug total hours (%) 60% 32% 17% 4% 0% number of >= 4 h events 34 9 2 0 0 0 avg duration (h) 5 2 2 1 1 0 0 0 mumber of >= 8 h events 17 1 0 0 0 0 avg temperature (F) 76.5 76.3 76.2 78.7 78.7 Sep total hours (%) 73% 35% 16% 3% 0% number of >= 8 h events 21 3 0 0 0 0 avg duration (h) 7 2 2 1 0 0 0 avg temperature (F) 75.6 75.6 75.5 75.3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		max duration (h)	10	31	21	10	6	
Aug total hours (%) 60% 32% 17% 4% 0% number of >= 4 h events 34 9 2 0 0 avg duration (h) 5 2 2 1 1 max duration (h) 25 8 4 3 1 avg temperature (F) 76.5 76.3 76.2 78.7 Sep total hours (%) 73% 35% 16% 3% 0% number of >= 4 h events 37 19 5 0 0 avg temperature (F) 75.6 75.5 75.3 0 Oct avg temperature (F) 75.6 75.5 75.3 Oct total hours (%) 82% 44% 11% 0% number of >= 4 h events 20 11 2 0 number of >= 8 h events 20 11 2 0 number of >= 4 h events 20 1 2 1 max duration (h) <t< td=""><td></td><td>avg temperature (F)</td><td>75.3</td><td>75.5</td><td>75.4</td><td>75.2</td><td>74.5</td></t<>		avg temperature (F)	75.3	75.5	75.4	75.2	74.5	
total hours (%) 60% 32% 17% 4% 0% number of >= 8 h events 34 9 2 0 0 avg duration (h) 5 2 2 1 1 max duration (h) 25 8 4 3 1 avg temperature (F) 76.5 76.3 76.2 78.7 Sep	Aug	· · · ·						
number of >= 4 h events 34 9 2 0 0 number of >= 8 h events 17 1 0 0 0 avg duration (h) 5 2 2 1 1 max duration (h) 25 8 4 3 1 avg temperature (F) 76.5 76.3 76.2 78.7 Sep		total hours (%)	60%	32%	17%	4%	0%	
number of >= 8 h events 17 1 0 0 0 avg duration (h) 5 2 2 1 1 max duration (h) 25 8 4 3 1 avg temperature (F) 76.5 76.2 76.2 78.7 Sep		number of >= 4 h events	34	9	2	0	0	
avg duration (h) 5 2 2 1 1 max duration (h) 25 8 4 3 1 avg temperature (F) 76.5 76.3 76.2 76.2 78.7 Sep		number of >= 8 h events	17	1	0	0	0	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		avg duration (h)	5	2	2	1	1	
avg temperature (F) 76.5 76.3 76.2 76.2 78.7 Sep total hours (%) 73% 35% 16% 3% 0% number of >= 4 h events 37 19 5 0 0 avg duration (h) 7 2 2 1 0 0 avg duration (h) 49 10 6 2 1 0 0 avg temperature (F) 75.6 75.6 75.5 75.3 0 0 Oct total hours (%) 82% 44% 11% 1% 0% number of >= 4 h events 20 11 2 0 0 0 number of >= 8 h events 11 7 0 0 0 0 avg duration (h) 12 4 2 1 0 0 0 number of >= 8 h events 11 7 0 0 0 0 0 0 0 0 0 0 0<		max duration (h)	25	8	4	3	1	
Sep total hours (%) 73% 35% 16% 3% 0% number of >= 4 h events 37 19 5 0 <t< td=""><td></td><td>avg temperature (F)</td><td>76.5</td><td>76.3</td><td>76.2</td><td>76.2</td><td>78.7</td></t<>		avg temperature (F)	76.5	76.3	76.2	76.2	78.7	
total hours (%) 73% 35% 16% 3% 0% number of >= 4 h events 37 19 5 0	Sep							
number of >= 4 h events 37 19 5 0 number of >= 8 h events 21 3 0 0 avg duration (h) 7 2 2 1 max duration (h) 49 10 6 2 avg temperature (F) 75.6 75.6 75.3 0 Oct 8 8 9 10 6 2 number of >= 4 h events 20 11 2 0 0 number of >= 8 h events 20 11 2 0 0 number of >= 8 h events 11 7 0 0 0 avg temperature (F) 74.9 75.0 75.3 75.0 Nov total hours (%) number of >= 4 h events 1 1 1 1 1 number of >= 8 h events 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		total hours (%)	73%	35%	16%	3%	0%	
number of >= 8 h events avg duration (h) max duration (h) 21 3 0 0 avg duration (h) max duration (h) 7 2 2 1 avg temperature (F) 75.6 75.5 75.3 Oct total hours (%) number of >= 4 h events avg duration (h) 82% 44% 11% 1% 0% number of >= 8 h events avg duration (h) 20 11 2 0 max duration (h) 12 4 2 1 max duration (h) 69 27 4 2 avg temperature (F) 74.9 75.0 75.3 75.0 Nov total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h)		number of $>= 4$ h events	37	19	5	0		
avg duration (h) 7 2 2 1 max duration (h) 49 10 6 2 avg temperature (F) 75.6 75.6 75.5 75.3 Oct		number of >= 8 h events	21	3	0	0		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		avg duration (h)	7	2	2	1		
avg temperature (F) 75.6 75.6 75.5 75.3 Oct		max duration (h)	49	10	6	2		
total hours (%) 82% 44% 11% 1% 0% number of >= 4 h events 20 11 2 0 number of >= 8 h events 11 7 0 0 avg duration (h) 12 4 2 1 max duration (h) 69 27 4 2 avg temperature (F) 74.9 75.0 75.3 75.0 Nov total hours (%)		avg temperature (F)	75.6	75.6	75.5	75.3		
total nours (%) 82% 44% 11% 1% 0% number of >= 4 h events 20 11 2 0 avg duration (h) 12 4 2 1 max duration (h) 69 27 4 2 avg temperature (F) 74.9 75.0 75.3 75.0 Nov total hours (%)	Oct		0.00/	4.40/	440/	40/	00/	
Number of >= 4 h events 20 11 2 0 number of >= 8 h events 11 7 0 0 avg duration (h) 12 4 2 1 max duration (h) 69 27 4 2 avg temperature (F) 74.9 75.0 75.3 75.0 Nov total hours (%)		total hours (%)	82%	44%	11%	1%	0%	
number of >= 8 h events 11 7 0 0 avg duration (h) 12 4 2 1 max duration (h) 69 27 4 2 avg temperature (F) 74.9 75.0 75.3 75.0 Nov v v v total hours (%) number of >= 4 h events avg duration (h) avg duration (h) avg temperature (F) Dec total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) avg duration (h) avg duration (h)		number of $>= 4$ h events	20	11	2	0		
avg duration (h) 12 4 2 1 max duration (h) 69 27 4 2 avg temperature (F) 74.9 75.0 75.3 75.0 Nov v v v total hours (%) number of >= 4 h events avg duration (h) max duration (h) avg duration (h) avg duration (h) avg temperature (F) Dec total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h)		number of ≥ 8 h events	11	1	0	0		
Initial duration (ii) 09 27 4 2 avg temperature (F) 74.9 75.0 75.3 75.0 Nov v v v v v number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) u u u u Opec v v u u u u number of >= 4 h events avg duration (h) u u u u u Dec v u u u u u u number of >= 4 h events number of >= 8 h events avg duration (h) u		avg duration (h)	12	4	2	1		
avg temperature (r) 74.9 75.0 75.0 Nov total hours (%)		max duration (n)	59	21	4	Z 75 0		
total hours (%)	Nov	avg temperature (F)	74.9	75.0	75.5	75.0		
number of >= 4 h events	140 V	total bours (%)						
number of >= 8 h events		number of >-4 b events						
avg duration (h)		number of $>= 8$ h events						
max duration (h)		avg duration (h)						
avg temperature (F) Image: Constraint of the second s		max duration (h)						
Dec total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h)		avg temperature (F)						
total hours (%)	Dec							
number of >= 4 h events		total hours (%)						
number of >= 8 h events avg duration (h)		number of >= 4 h events						
avg duration (h)		number of >= 8 h events						
		avg duration (h)						
max duration (h)		max duration (h)						
avg temperature (F)		avg temperature (F)						

	2002	Relative Humidity Threshold				
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						
	total hours (%)	22%	14%	6%	0%	0%
	number of >= 4 h events	4	4	4		
	number of >= 8 h events	4	3	3		
	avg duration (h)	33	21	7		
	max duration (h)	83	66	13		
	avg temperature (F)	74.5	75.0	75.5		
Feb						
	total hours (%)	5%	2%	0%	0%	0%
	number of >= 4 h events	2	1			
	number of >= 8 h events	2	1			
	avg duration (h)	8	13			
	max duration (h)	22	13			
	avg temperature (F)	72.9	72.7			
Mar						
	total hours (%)	54%	40%	23%	2%	0%
	number of >= 4 h events	6	4	4	3	
	number of >= 8 h events	6	4	4	0	
	avg duration (h)	53	44	24	4	
	max duration (h)	199	163	85	5	
	avg temperature (F)	74.4	75.0	75.7	76.9	
Apr			°	•	•	°
	total hours (%)	92%	87%	72%	11%	0%
	number of >= 4 h events	3	3	25	9	
	number of >= 8 h events	1	3	18	3	
	avg duration (h)	315	175	14	4	
	max duration (h)	934	471	78	10	
	avg temperature (F)	76.0	76.2	76.5	77.5	
May						
	total hours (%)	99%	70%	21%	2%	0%
	number of >= 4 h events	4	29	12	1	
	number of >= 8 h events	4	16	6	0	
	avg duration (h)	95	6	4	2	
	max duration (h)	192	56	15	4	
	avg temperature (F)	74.5	74.7	75.7	75.8	
Jun						
	total hours (%)	93%	40%	3%	0%	0%
	number of >= 4 h events	16	20	3		
	number of >= 8 h events	16	5	0		
	avg duration (h)	31	3	4		
	max duration (h)	173	16	8		
	avg temperature (F)	74.7	75.0	76.6		

Table 46. Site 12 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002		Relative	Humidity T	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
11						
Jui	total hours (%)	86%	39%	9%	0%	0%
	number of $>= 4$ h events	13	15	370	0,0	070
	number of $>= 8$ h events	8	4	1	0	
	avg duration (h)	22	3	2	1	
	max duration (h)	321	29	10	1	
	avg temperature (F)	74.4	74.6	74.5	74.7	
Aug			-	-		
•	total hours (%)	29%	3%	0%	0%	0%
	number of >= 4 h events	11	1			
	number of >= 8 h events	2	0			
	avg duration (h)	2	2			
	max duration (h)	18	4			
	avg temperature (F)	75.0	74.9			
Sep						
	total hours (%)	45%	8%	0%	0%	0%
	number of >= 4 h events	24	3			
	number of >= 8 h events	8	0			
	avg duration (h)	4	2			
	max duration (h)	24	6			
	avg temperature (F)	74.6	75.2			
Oct						
	total hours (%)	60%	15%	0%	0%	0%
	number of >= 4 h events	14	6	0		
	number of >= 8 h events	8	1	0		
	avg duration (h)	7	3	1		
	max duration (h)	44	13	1		
	avg temperature (F)	74.1	74.1	74.4		
Nov						
	total hours (%)					
	number of $>= 4$ h events					
	number of $>= 8$ h events					
	avg duration (h)					
	max duration (n)					
Dee	avg temperature (F)					
Dec	total hours (%)					
	number of > -4 b overte					
	number of $>= 9$ h overte					
	ava duration (h)					
	may duration (h)					
	ava temperature (F)					
	avy temperature (r)					1

	2001, 2002	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
oun	total hours (%)	41%	22%	15%	6%	3%	
	number of >= 4 h events	8	11	9	5	4	
	number of >= 8 h events	6	6	4	2	0	
	avg duration (h)	26	9	9	6	4	
	max duration (h)	77	64	25	16	6	
	avg temperature (F)	74.8	75.0	75.1	75.1	75.8	
Feb	Q , , , , , , , , , , , , , , , , ,						
	total hours (%)	38%	19%	8%	6%	4%	
	number of >= 4 h events	16	14	6	6	5	
	number of >= 8 h events	10	6	1	0	0	
	avg duration (h)	9	6	5	5	4	
	max duration (h)	44	17	8	7	6	
	avg temperature (F)	74.6	75.1	75.7	76.4	76.9	
Mar							
	total hours (%)	65%	46%	25%	6%	0%	
	number of >= 4 h events	10	17	13	2		
	number of >= 8 h events	8	11	8	0		
	avg duration (h)	30	12	6	2		
	max duration (h)	199	95	30	8		
	avg temperature (F)	74.3	74.1	74.3	73.9		
Apr							
	total hours (%)	100%	92%	56%	18%	1%	
	number of >= 4 h events	2	16	30	12	C	
	number of >= 8 h events	2	12	22	1	0	
	avg duration (h)	469	41	5	3	2	
	max duration (h)	892	266	19	8	2	
	avg temperature (F)	73.9	74.0	73.9	73.9	73.8	
Мау							
	total hours (%)	100%	72%	23%	3%	0%	
	number of >= 4 h events	2	29	15	0		
	number of >= 8 h events	2	21	1	0		
	avg duration (h)	430	6	3	1		
	max duration (h)	836	70	9	3		
	avg temperature (F)	73.7	73.8	73.6	74.3		
Jun			1				
	total hours (%)	100%	57%	12%	0%	0%	
	number of >= 4 h events	0	31	4			
	number of >= 8 h events	0	15	0			
	avg duration (h)		5	2			
	max duration (h)		37	7			
	avg temperature (F)	73.9	73.9	73.7			

Table 47. Site 13 - Indoor RH Data by month and threshold level for 2001, 2002 (HIGHEST humidity in any space)

	2001, 2002		Relative	Humidity TI	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
hal						
Jui	total hours (%)	100%	68%	10%	0%	0%
	number of $>= 4$ h events	10070	38	3	0,0	070
	number of $>= 8$ h events	0	21	0	0	
	ava duration (h)	0	5	2	0	
	max duration (h)		23	8		
	avg temperature (F)	74.6	74 7	74.2	74.2	
Aua		7 1.0		7 1.2	1.12	
	total hours (%)	100%	65%	17%	1%	0%
	number of $>= 4$ h events	0	39	5	0	
	number of $>= 8$ h events	0	19	0	0	
	avg duration (h)		5	2	1	
	max duration (h)		30	5	1	
	avg temperature (F)	74.7	74.8	74.4	74.9	
Sep						
	total hours (%)	100%	71%	20%	2%	0%
	number of $>= 4$ h events	0	36	10	0	
	number of >= 8 h events	0	26	2	0	
	avg duration (h)		7	2	1	
	max duration (h)		36	9	2	
	avg temperature (F)	74.4	74.4	74.2	75.0	
Oct				1		
	total hours (%)	97%	74%	38%	6%	1%
	number of >= 4 h events	6	18	16	2	0
	number of >= 8 h events	5	13	7	1	0
	avg duration (h)	18	10	5	3	3
	max duration (h)	45	57	15	11	3
	avg temperature (F)	74.1	74.2	74.3	74.5	73.7
Nov						
	total hours (%)	90%	77%	39%	4%	0%
	number of >= 4 h events	2	20	23	0	
	number of >= 8 h events	2	13	12	0	
	avg duration (h)	187	20	6	2	
	max duration (h)	392	186	23	4	
	avg temperature (F)	74.1	74.3	74.4	74.3	
Dec						
	total hours (%)	68%	44%	26%	10%	1%
	number of >= 4 h events	10	10	13	6	1
	number of >= 8 h events	9	8	7	2	0
	avg duration (h)	39	19	12	5	3
	max duration (h)	205	139	48	14	5
	avg temperature (F)	74.3	74.5	74.9	75.2	76.3

	2001, 2002	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
	total hours (%)	33%	16%	9%	2%	0%	
	number of >= 4 h events	10	6	3	1	0	
	number of >= 8 h events	6	3	3	0	C	
	avg duration (h)	22	12	7	2	1	
	max duration (h)	75	63	22	4	1	
	avg temperature (F)	74.0	74.1	74.1	73.8	74.5	
Feb				1	1		
	total hours (%)	19%	5%	1%	0%	0%	
	number of >= 4 h events	10	4	0			
	number of >= 8 h events	5	0	0			
	avg duration (h)	11	3	2			
	max duration (h)	35	6	2			
	avg temperature (F)	73.8	74.5	74.7			
Mar					1		
	total hours (%)	55%	33%	9%	0%	0%	
	number of >= 4 h events	12	18	7			
	number of >= 8 h events	9	9	0			
	avg duration (h)	36	7	3			
	max duration (h)	167	34	8			
	avg temperature (F)	73.2	73.2	72.9			
Apr					1		
-	total hours (%)	99%	80%	32%	1%	0%	
	number of >= 4 h events	5	30	25	0		
	number of >= 8 h events	4	24	6	0		
	avg duration (h)	167	14	4	2		
	max duration (h)	777	50	12	2		
	avg temperature (F)	72.8	72.9	72.9	73.3		
May							
	total hours (%)	98%	48%	7%	0%	0%	
	number of >= 4 h events	8	26	3			
	number of >= 8 h events	8	13	1			
	avg duration (h)	79	5	2			
	max duration (h)	309	42	9			
	avg temperature (F)	72.8	72.8	72.9			
Jun	U I I I I I I I I I I				1		
	total hours (%)	94%	32%	2%	0%	0%	
	number of >= 4 h events	13	22	1			
	number of >= 8 h events	13	8	0			
	avg duration (h)	27	4	2			
	max duration (h)	271	17	4			
	avg temperature (F)	73.0	73.1	73.2			

Table 48. Site 13 - Indoor RH Data by month and threshold level for 2001, 2002 (AVERAGE of all spaces)

2001, 2002		Relative Humidity Threshold					
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
		•		•	•		
Jul					1		
total hours (%) 100%	27%	1%	0%	0%		
number of >= 4 h ever	nts 0	14	0				
number of >= 8 h ever	nts 0	2	0				
avg duration	h)	3	1				
max duration	(h)	13	2				
avg temperature	F) 73.5	73.5	73.2				
Aug			1		1		
total hours (%) 99%	35%	3%	0%	0%		
number of >= 4 h ever	nts 4	20	0				
number of >= 8 h ever	nts 4	8	0				
avg duration	h) 239	4	1				
max duration	h) 624	16	2				
avg temperature	F) 73.6	73.7	73.6				
Sep							
total hours (%) 99%	47%	5%	0%	0%		
number of >= 4 h ever	nts 3	29	0	0			
number of >= 8 h ever	nts 3	15	0	0			
avg duration	h) 158	4	2	1			
max duration	h) 380	18	3	1			
avg temperature	F) 73.5	73.6	73.6	76.3			
Oct							
total hours (%) 95%	56%	20%	2%	0%		
number of >= 4 h ever	nts 6	19	6	1	0		
number of >= 8 h ever	nts 6	9	2	1	0		
avg duration	h) 67	7	3	9			
max duration	h) 300	48	12	9			
avg temperature	F) 73.4	73.5	73.6	73.1	72.5		
Nov							
total hours (%) 90%	64%	21%	0%	0%		
number of >= 4 h ever	nts 6	18	13	0			
number of >= 8 h ever	nts 5	17	5	0			
avg duration	h) 92	13	4	2			
max duration	h) 327	69	18	2			
avg temperature (F) 73.4	73.8	73.9	74.7			
Dec							
total hours (%) 56%	33%	19%	4%	0%		
number of >= 4 h ever	nts 7	9	10	3			
number of >= 8 h ever	nts 6	8	7	1			
avg duration	h) 41	17	8	3			
max duration	h) 183	107	20	9			
avg temperature (F) 73.7	74.1	74.4	74.7			

	2001, 2002	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
•	total hours (%)	62%	42%	20%	10%	0%	
	number of >= 4 h events	8	9	4	5	0	
	number of >= 8 h events	5	6	3	2	0	
	avg duration (h)	36	19	12	5	1	
	max duration (h)	132	110	70	20	1	
	avg temperature (F)	70.0	70.3	70.3	69.8	70.1	
Feb			1	1	1		
	total hours (%)	39%	20%	5%	0%	0%	
	number of >= 4 h events	12	8	3	0		
	number of >= 8 h events	9	5	1	0		
	avg duration (h)	16	10	4	1		
	max duration (h)	97	42	16	1		
	avg temperature (F)	69.8	70.4	71.2	70.7		
Mar			-	1	-		
	total hours (%)	70%	58%	42%	12%	1%	
	number of >= 4 h events	8	8	8	6	0	
	number of >= 8 h events	6	7	5	2	0	
	avg duration (h)	144	43	23	5	2	
	max duration (h)	1318	222	130	25	3	
	avg temperature (F)	70.1	70.1	70.0	69.7	69.7	
Apr			-				
•	total hours (%)	100%	100%	88%	29%	0%	
	number of >= 4 h events	0	1	14	15	0	
	number of >= 8 h events	0	1	11	9	0	
	avg duration (h)		921	43	5	1	
	max duration (h)		921	195	21	1	
	avg temperature (F)	71.0	71.0	71.1	71.1	71.1	
May							
	total hours (%)	100%	87%	36%	3%	0%	
	number of >= 4 h events	0	19	14	3		
	number of >= 8 h events	0	15	10	0		
	avg duration (h)		11	8	3		
	max duration (h)		25	46	8		
	avg temperature (F)	72.8	72.8	72.5	71.7		
Jun	U ()				1	1	
	total hours (%)	100%	75%	4%	0%	0%	
	number of >= 4 h events	0	33	3			
	number of >= 8 h events	0	25	0			
	avg duration (h)		10	3			
	max duration (h)		73	6			
	avg temperature (F)	73.5	73.7	74.1			

Table 49. Site 14 - Indoor RH Data by month and threshold level for 2001, 2002 (HIGHEST humidity in any space)

	2001, 2002		Relative	Humidity Th	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul	total having (0()	4000/	CC0/	50/	00/	00/
	total nours (%)	100%	66%	5%	0%	0%
r	1000000000000000000000000000000000000	0	34	4		
r	1000000000000000000000000000000000000	0	23	0		
	avg duration (n)		8	3		
	max duration (n)	70.0	21	8		
A	avg temperature (F)	73.8	74.1	/4./		
Aug	(-(-))					
	total nours (%)					
r	number of $>= 4$ h events					
r	number of $>= 8$ h events					
	avg duration (h)					
	max duration (h)					
_	avg temperature (F)					
Sep			1	1		1
	total hours (%)					
r	number of $>= 4$ h events					
r	number of $>= 8$ h events					
	avg duration (h)					
	max duration (h)					
-	avg temperature (F)					
Oct			1	1		1
	total hours (%)	86%	86%	57%	0%	0%
r	number of >= 4 h events	1	1	0		
r	number of >= 8 h events	1	1	0		
	avg duration (h)	492	20	4		
	max duration (h)	492	20	4		
	avg temperature (F)	74.4	74.4	74.5		
Nov			1	1		1
	total hours (%)	96%	87%	47%	5%	0%
r	number of >= 4 h events	3	8	13	1	0
r	number of >= 8 h events	2	5	8	0	0
	avg duration (h)	134	51	9	3	
	max duration (h)	474	315	91	5	
	avg temperature (F)	71.4	71.5	71.1	70.0	76.6
Dec						
	total hours (%)	81%	72%	49%	17%	3%
r	number of >= 4 h events	7	9	9	5	1
r	number of >= 8 h events	4	7	8	5	1
	avg duration (h)	14	35	24	5	18
	max duration (h)	70	213	146	24	18
	avg temperature (F)	69.1	69.1	69.3	69.6	71.9

	2001, 2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above	70%	
.lan								
oun	total hours (%)	50%	28%	16%	4%		0%	
	number of >= 4 h events	5	7	5	4			
	number of >= 8 h events	4	7	3	0			
	avg duration (h)	54	30	17	3			
	max duration (h)	114	85	69	6			
	avg temperature (F)	69.3	69.4	68.9	68.6			
Feb	Q;							
	total hours (%)	25%	7%	1%	0%		0%	
	number of >= 4 h events	4	4	1				
	number of >= 8 h events	4	1	1				
	avg duration (h)	16	6	10				
	max duration (h)	90	25	10				
	avg temperature (F)	69.4	70.7	71.9				
Mar	Q;							
	total hours (%)	65%	49%	33%	3%		0%	
	number of >= 4 h events	6	6	10	3			
	number of >= 8 h events	5	5	7	0			
	avg duration (h)	220	78	11	4			
	max duration (h)	1159	194	61	8			
	avg temperature (F)	69.3	69.1	68.8	68.3			
Apr								
	total hours (%)	100%	96%	57%	5%		0%	
	number of >= 4 h events	0	4	26	3			
	number of >= 8 h events	0	4	23	1			
	avg duration (h)		106	10	4			
	max duration (h)		377	44	10			
	avg temperature (F)	69.9	69.9	69.7	69.8			
May								
	total hours (%)	96%	47%	6%	0%		0%	
	number of >= 4 h events	16	15	4				
	number of >= 8 h events	15	12	1				
	avg duration (h)	23	7	3				
	max duration (h)	72	45	9				
	avg temperature (F)	71.2	71.0	70.4				
Jun								
	total hours (%)	90%	8%	0%	0%		0%	
	number of >= 4 h events	31	5					
	number of >= 8 h events	25	1					
	avg duration (h)	19	3					
	max duration (h)	146	10					
	avg temperature (F)	71.9	72.1					

Table 50. Site 14 - Indoor RH Data by month and threshold level for 2001, 2002 (AVERAGE of all spaces)

	2001, 2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jul								
	total hours (%)	82%	6%	0%	0%	0%		
	number of >= 4 h events	27	4					
	number of >= 8 h events	24	0					
	avg duration (h)	14	3					
	max duration (h)	27	8					
	avg temperature (F)	72.0	72.4					
Aug	(-(-))							
	total hours (%)							
	number of $>= 4$ h events							
	number of $>= 8$ h events							
	avg duration (n)							
	max duration (n)							
•	avg temperature (F)							
Sep								
	total hours (%)							
	number of $>= 4$ h events							
	number of >= 8 h events							
	avg duration (n)							
	max duration (n)							
0.1	avg temperature (F)							
OCt		0.00/	000/	00/	00(00/		
	total hours (%)	86%	86%	0%	0%	0%		
	number of $>= 4$ h events	1	1					
	number of >= 8 h events	1	1					
	avg duration (n)	118	20					
	max duration (n)	118	20					
N	avg temperature (F)	73.6	73.6					
NOV		0.00/	740/	050/	40/	00/		
	total nours (%)	92%	74%	25%	1%	0%		
	number of $>= 4$ h events	4	11	8	0			
	number of ≥ 8 h events	4	6	7	0			
	avg duration (h)	138	32	1	1			
	max duration (h)	354	256	44	70.4			
D	avg temperature (F)	70.4	70.5	69.6	70.4			
Dec	total hours (0/)	700/	E00/	0.40/	70/	00/		
	total nouls (%) number of $x = 4$ b success	/ 3%	59%	34%	1%	2%		
	number of >= 4 ii events	5	8	13	3	1		
	$\frac{1}{10000000000000000000000000000000000$	5	1	9	2	1		
	avg duration (h)	90	44	16	6	10		
	max duration (h)	234	185	47	22	13		
	avg temperature (F)	68.3	68.3	68.7	/0.0	/2.1		

	2001	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
.lan							
oun	total hours (%)					1	
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	1	J	
	total hours (%)	100%	99%	95%	68%	18%	
	number of >= 4 h events	0	0	4	8	8	
	number of >= 8 h events	0	0	4	8	5	
	avg duration (h)			231	49	7	
	max duration (h)			491	150	23	
	avg temperature (F)	70.8	70.8	70.9	73.1	74.0	
Mar						1	
	total hours (%)	100%	97%	79%	43%	2%	
	number of >= 4 h events	1	2	7	10	1	
	number of >= 8 h events	1	2	6	6	1	
	avg duration (h)	347	194	40	21	21	
	max duration (h)	692	573	269	67	21	
	avg temperature (F)	68.3	68.2	68.5	69.0	72.2	
Apr					1		
-	total hours (%)	77%	65%	54%	25%	2%	
	number of >= 4 h events	2	2	8	13	1	
	number of >= 8 h events	2	2	7	8	0	
	avg duration (h)	11	10	18	10	3	
	max duration (h)	34	49	94	43	6	
	avg temperature (F)	73.0	73.5	73.9	73.7	73.9	
May	<u> </u>		·		÷		
•	total hours (%)	96%	54%	11%	0%	0%	
	number of >= 4 h events	8	29	8	0		
	number of >= 8 h events	8	13	1	0		
	avg duration (h)	35	6	3	1		
	max duration (h)	180	86	9	1		
	avg temperature (F)	72.1	72.1	72.1	73.5		
Jun	- · · · /						
	total hours (%)	96%	54%	17%	5%	1%	
	number of >= 4 h events	10	19	7	1	C	
	number of >= 8 h events	9	11	0	0	C	
	avg duration (h)	37	6	3	2	1	
	max duration (h)	311	64	8	6	1	
	avg temperature (F)	75.9	76.0	75.7	75.6	76.3	

Table 51. Site 15 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

	2001	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul									
	total hours (%)	97%	40%	2%	0%	0%			
	number of >= 4 h events	8	27	0					
	number of >= 8 h events	7	10	0					
	avg duration (h)	87	4	1					
	max duration (h)	594	31	3					
	avg temperature (F)	75.2	75.5	75.1					
Aug									
	total hours (%)	94%	40%	2%	0%	0%			
	number of >= 4 h events	15	29	0	0	0			
	number of >= 8 h events	14	12	0	0	0			
	avg duration (h)	48	5	2	2				
	max duration (h)	452	47	3	2				
	avg temperature (F)	74.5	74.7	74.8	78.0	78.7			
Sep									
	total hours (%)	96%	36%	1%	0%	0%			
	number of >= 4 h events	11	19	0					
	number of >= 8 h events	7	10	0					
	avg duration (h)	30	5	1					
	max duration (h)	139	30	2					
	avg temperature (F)	74.5	74.2	74.3					
Oct									
	total hours (%)	84%	31%	2%	0%	0%			
	number of >= 4 h events	16	14	0					
	number of >= 8 h events	12	12	0					
	avg duration (h)	24	5	1					
	max duration (h)	197	52	2					
	avg temperature (F)	73.3	73.4	74.2					
Nov		070/	0.404	201	224	224			
	total hours (%)	87%	31%	2%	0%	0%			
	number of >= 4 h events	12	11	1					
	number of >= 8 h events	6	8	0					
	avg duration (h)	39	5	2					
	max duration (n)	236	35	5					
	avg temperature (F)	71.9	72.1	71.4					
Dec	total baura (0/)	700/	430/	160/	00/	00/			
	101a1 1001S (%)	13%	43%	10%	2%	0%			
	number of $z = 9$ h events	5	0	0	1	0			
	number of $>= 0$ if events	4	1	4	1	0			
	avy uuration (II) may duration (b)	92	105	20	15	2			
	max uuration (II)	293	70 0	41 75 1	10	2 72 2			
	avg temperature (F)	10.3	12.2	/ 3.1	/4.6	13.2			

	2001	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
•	total hours (%)					1	
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb	<u> </u>	1					
	total hours (%)	100%	99%	95%	68%	18%	
	number of >= 4 h events	0	0	4	8	8	
	number of >= 8 h events	0	0	4	8	5	
	avg duration (h)			231	49	7	
	max duration (h)			491	150	23	
	avg temperature (F)	70.8	70.8	70.9	73.1	74.0	
Mar	<u> </u>				_		
	total hours (%)	100%	97%	79%	43%	2%	
	number of >= 4 h events	1	2	7	10	1	
	number of >= 8 h events	1	2	6	6	1	
	avg duration (h)	347	194	40	21	21	
	max duration (h)	692	573	269	67	21	
	avg temperature (F)	68.3	68.2	68.5	69.0	72.2	
Apr	<u> </u>						
•	total hours (%)	77%	65%	54%	25%	2%	
	number of >= 4 h events	2	2	8	13	1	
	number of >= 8 h events	2	2	7	8	0	
	avg duration (h)	11	10	18	10	3	
	max duration (h)	34	49	94	43	6	
	avg temperature (F)	73.0	73.5	73.9	73.7	73.9	
Mav							
	total hours (%)	96%	54%	11%	0%	0%	
	number of >= 4 h events	8	29	8	0		
	number of >= 8 h events	8	13	1	0		
	avg duration (h)	35	6	3	1		
	max duration (h)	180	86	9	1		
	avg temperature (F)	72.1	72.1	72.1	73.5		
Jun							
	total hours (%)	82%	27%	1%	0%	0%	
	number of >= 4 h events	18	13	0		1	
	number of >= 8 h events	17	8	0			
	avg duration (h)	16	4	2			
	max duration (h)	267	19	3			
	avg temperature (F)	74.7	74.8	74.2			
	avg temperature (F)	74.7	74.8	74.2			

Table 52. Site 15 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
11								
Jui	total hours (0/)	0.40/	100/	09/	00/	09/		
	101a1 Hours (%)	04%	12%	0%	0%	0%		
	number of $x = 9$ h events	20	10					
	$\frac{1}{2} = 0$	17	1					
	avy duration (h)	20	11					
	max duration (II)	72.0	74.0					
Aug	avg temperature (F)	73.9	74.0					
Aug	total bours (9/)	010/	120/	09/	0%	0%		
	101a110015(%)	01%	13%	0%	0%	076		
	number of $>= 4$ h events	25	5	0	0			
	$\frac{1}{2} = 0$	19	2	0	0			
	avy duration (h)	23	3	1				
	max duration (II)	431	20	76.2	77 0			
Can	avg temperature (F)	73.0	73.9	70.2	11.0			
Sep	total bours (9/)	070/	100/	09/	09/	09/		
	101a110015(%)	01%	10%	076	0%	076		
	number of $x = 9$ h events	20	10					
	$\frac{1}{2} = 0$	13	3					
	avy duration (h)	10	3					
	max duration (n)	41	10					
Oat	avg temperature (F)	73.4	13.3					
001	total bours (9/)	720/	150/	09/	0%	0%		
	101a110015(%)	13%	13%	0%	0%	076		
	number of $x = 9$ h events	20	11	0				
	number of $2 = 0$ if events	10	2	0				
	avy duration (h)	10	4					
	max duration (II)	72.1	70 7	71.0				
Nov	avg temperature (1)	12.1	12.1	71.5				
NOV	total hours (%)	80%	20%	0%	0%	0%		
	101a110015(76)	00%	20%	0%	0%	076		
	number of $x = 9$ h events	15	14	0				
	$\frac{1}{2} = 0$	13	0	0				
	avy duration (h)	17	4	1				
		92	71.0	71 5				
Dee	avg temperature (F)	71.1	71.3	71.5				
Dec	total hours (%)	67%	350/	9 0/	0 0/	0%		
	number of >-4 h events	01%	50%	0%	∠%	0%		
	number of $x = 9$ h events	9	5	4	1	0		
	ava duration (b)	50		10	10	0		
	avy uuration (II)	210	104	10	13	2		
	max ouration (n)	210	104	30	13	72.4		
	avg temperature (F)	70.0	12.8	/4.5	74.3	12.4		

	2002	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
	total hours (%)	63%	34%	13%	1%	0%	
	number of >= 4 h events	12	13	7	0	0	
	number of >= 8 h events	9	9	4	0	0	
	avg duration (h)	20	8	5	1	1	
	max duration (h)	117	35	22	1	1	
	avg temperature (F)	72.3	72.7	74.4	73.0	72.7	
Feb							
	total hours (%)	29%	3%	0%	0%	0%	
	number of >= 4 h events	9	1				
	number of >= 8 h events	8	0				
	avg duration (h)	8	2				
	max duration (h)	40	4				
	avg temperature (F)	71.7	71.3				
Mar			•				
	total hours (%)	67%	41%	14%	5%	1%	
	number of >= 4 h events	11	19	8	3	0	
	number of >= 8 h events	9	13	5	0	0	
	avg duration (h)	60	8	4	3	1	
	max duration (h)	504	42	14	7	1	
	avg temperature (F)	71.9	71.9	71.1	70.7	72.3	
Apr							
	total hours (%)	100%	60%	3%	0%	0%	
	number of >= 4 h events	1	27	0			
	number of >= 8 h events	1	16	0			
	avg duration (h)	337	5	1			
	max duration (h)	337	29	4			
	avg temperature (F)	73.7	73.5	73.8			
May							
	total hours (%)	85%	11%	0%	0%	0%	
	number of >= 4 h events	31	2				
	number of >= 8 h events	17	0				
	avg duration (h)	10	2				
	max duration (h)	177	6				
	avg temperature (F)	73.4	73.2				
Jun							
	total hours (%)	76%	17%	0%	0%	0%	
	number of >= 4 h events	33	6	0			
	number of >= 8 h events	18	0	0			
	avg duration (h)	8	2	1			
	max duration (h)	139	7	1			
	avg temperature (F)	74.2	74.0	74.5			

Table 53. Site 15 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
				•	•	•		
Jul								
	total hours (%)	70%	7%	0%	0%	0%		
	number of >= 4 h events	25	3					
	number of >= 8 h events	16	0					
	avg duration (h)	6	2					
	max duration (h)	89	7					
A	avg temperature (F)	76.4	76.0					
Aug	total hours (0/)	740/	100/	00/	0.00/	00/		
	Iotal hours (%)	74%	10%	0%	0%	0%		
	number of >= 4 h events	30	3					
	number of ≥ 0 if events	17	1					
	avy duration (II)	150	Z					
	max duration (n)	159	15					
Son	avg temperature (F)	74.7	14.2					
Sep	total hours (%)	06%	36%	0%	0%	0%		
	r_{10}	30%	17	0/8	0 78	078		
	number of $>= 8$ h events	12	5	0				
	ava duration (b)	10	3	1				
	max duration (h)	285	20	1				
	avg temperature (F)	73.8	73.8	74 1				
Oct		10.0	10.0	,				
	total hours (%)	93%	44%	1%	0%	0%		
	number of $>= 4$ h events	6	13	0	0,0	0,0		
	number of $>= 8$ h events	3	6	0				
	avg duration (h)	31	3	1				
	max duration (h)	221	24	1				
	avg temperature (F)	73.3	73.3	74.7				
Nov	3			1	1			
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Dec								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

	2002	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
	total hours (%)	52%	24%	9%	1%	0%	
	number of >= 4 h events	10	10	4	0		
	number of >= 8 h events	9	9	3	0		
	avg duration (h)	26	8	8	1		
	max duration (h)	92	25	19	1		
	avg temperature (F)	72.1	72.9	74.7	72.1		
Feb							
	total hours (%)	17%	0%	0%	0%	0%	
	number of >= 4 h events	9	0				
	number of >= 8 h events	6	0				
	avg duration (h)	8	1				
	max duration (h)	22	1				
	avg temperature (F)	71.2	71.1				
Mar							
	total hours (%)	60%	33%	3%	0%	0%	
	number of >= 4 h events	15	17	1	0		
	number of >= 8 h events	8	10	0	0		
	avg duration (h)	25	6	2	1		
	max duration (h)	185	23	6	1		
	avg temperature (F)	71.2	71.2	71.3	71.7		
Apr							
	total hours (%)	95%	39%	0%	0%	0%	
	number of >= 4 h events	20	17				
	number of >= 8 h events	17	11				
	avg duration (h)	20	4				
	max duration (h)	121	15				
	avg temperature (F)	72.8	72.6				
May							
	total hours (%)	59%	1%	0%	0%	0%	
	number of >= 4 h events	31	0				
	number of >= 8 h events	15	0				
	avg duration (h)	4	1				
	max duration (h)	21	2				
	avg temperature (F)	72.2	72.4				
Jun							
	total hours (%)	51%	5%	0%	0%	0%	
	number of >= 4 h events	19	2				
	number of >= 8 h events	6	0				
	avg duration (h)	4	2				
1	max duration (h)	92	4				
1	avg temperature (F)	73.1	73.1				

Table 54. Site 15 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002		Relative	Humidity TI	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul						
oui	total hours (%)	43%	2%	0%	0%	0%
	number of >= 4 h events	19	1			
	number of >= 8 h events	5	0			
	avg duration (h)	3	3			
	max duration (h)	41	4			
	avg temperature (F)	75.1	75.0			
Aug						
	total hours (%)	45%	4%	0%	0%	0%
	number of >= 4 h events	15	2			
	number of >= 8 h events	4	0			
	avg duration (h)	3	2			
	max duration (h)	65	5			
	avg temperature (F)	73.1	72.6			
Sep						
	total hours (%)	76%	12%	0%	0%	0%
	number of >= 4 h events	23	4			
	number of >= 8 h events	17	0			
	avg duration (h)	9	2			
	max duration (h)	120	7			
	avg temperature (F)	72.3	72.6			
Oct						
	total hours (%)	84%	26%	0%	0%	0%
	number of >= 4 h events	10	6	0		
	number of >= 8 h events	7	3	0		
	avg duration (h)	16	3			
	max duration (h)	183	12			
	avg temperature (F)	72.2	72.7	72.8		
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2001	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb	<u> </u>						
	total hours (%)	100%	100%	99%	90%	72%	
	number of $>= 4$ h events	0	0	1	2	4	
	number of $>= 8$ h events	0	0	1	2	3	
	ava duration (h)			565	335	78	
	max duration (h)			565	415	198	
	avg temperature (F)	67.5	67.5	67.6	68.0	69.5	
Mar	avg temperature (r)	07.0	07.0	07.0	00.0	00.0	
mai	total bours (%)	99%	99%	98%	83%	50%	
	number of >-4 b events	0.00	0070	1	7	0070	
	number of $>= 8$ h events	0	0	1	6	8	
	ava duration (b)	0	0	24	55	35	
	avy duration (h)			24	202	124	
		65.9	65.9	65.9	303	124	
Anr	avg temperature (F)	05.0	05.0	05.0	00.2	00.0	
Apr		C 40/	500/	400/	400/	400/	
	total nours (%)	64%	53%	49%	49%	46%	
	number of $>= 4$ h events	5	4	1	1	5	
	number of >= 8 h events	3	1	0	0	5	
	avg duration (n)	18	6	4	3	46	
	max duration (n)	50	13	4	4	1/2	
	avg temperature (F)	/1.5	72.5	72.9	72.9	72.9	
Мау				101			
	total hours (%)	22%	6%	4%	1%	0%	
	number of >= 4 h events	11	1	1	0		
	number of >= 8 h events	6	0	0	0		
	avg duration (h)	5	2	2	1		
	max duration (h)	13	4	6	1		
	avg temperature (F)	72.7	73.5	73.2	73.4		
Jun							
	total hours (%)	57%	4%	0%	0%	0%	
	number of >= 4 h events	18	2	0			
	number of >= 8 h events	12	1	0			
	avg duration (h)	16	3	2			
	max duration (h)	150	10	2			
	avg temperature (F)	73.1	73.5	73.2			

Table 55. Site 16 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

	2001		Relative	Humidity TI	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Int						
Jui	total hours (%)	64%	20%	1%	0%	0%
	number of $>= 4$ h events	24	18	1	0,0	0,0
	number of $>= 8$ h events	20	5	0		
	avg duration (h)	15	6	5		
	max duration (h)	90	19	5		
	avg temperature (F)	73.4	73.8	74.5		
Aug	5. [(,			-		
U	total hours (%)	82%	12%	1%	0%	0%
	number of >= 4 h events	27	9	0	0	0
	number of >= 8 h events	27	1	0	0	0
	avg duration (h)	29	3	2	1	1
	max duration (h)	282	8	2	1	1
	avg temperature (F)	73.6	74.2	76.1	77.3	77.3
Sep				1		
•	total hours (%)	90%	23%	2%	0%	0%
	number of >= 4 h events	30	6	3	0	
	number of >= 8 h events	19	3	0	0	
	avg duration (h)	11	3	3	1	
	max duration (h)	59	33	6	1	
	avg temperature (F)	75.6	75.7	75.9	75.7	
Oct				•		
	total hours (%)	79%	39%	7%	1%	0%
	number of >= 4 h events	20	24	1	0	
	number of >= 8 h events	13	7	1	0	
	avg duration (h)	51	5	3	2	
	max duration (h)	687	52	25	3	
	avg temperature (F)	76.0	76.3	76.4	76.5	
Nov						
	total hours (%)	97%	76%	26%	1%	0%
	number of >= 4 h events	3	20	12	1	0
	number of >= 8 h events	1	12	6	0	0
	avg duration (h)	195	16	4	3	
	max duration (h)	573	181	29	6	
	avg temperature (F)	74.1	74.9	75.4	76.1	74.5
Dec						
	total hours (%)	80%	69%	39%	22%	1%
	number of >= 4 h events	3	8	6	9	0
	number of >= 8 h events	2	7	5	7	0
	avg duration (h)	6	47	21	12	2
	max duration (h)	14	190	130	37	4
	avg temperature (F)	70.9	71.3	73.0	74.5	74.4

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
• • • •	total hours (%)					1		
	number of $>= 4$ h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb			I		I			
	total hours (%)	100%	100%	99%	90%	72%		
	number of $>= 4$ h events	0	0	1	2	4		
	number of $>= 8$ h events	0	0	1	2	3		
	ava duration (h)			565	335	78		
	max duration (h)			565	415	198		
	avg temperature (F)	67.5	67.5	67.6	68.0	69.5		
Mar								
	total hours (%)	99%	99%	98%	83%	50%		
	number of $>= 4$ h events	0	0	1	7	8		
	number of $>= 8$ h events	0	0	1	6	8		
	ava duration (h)			24	55	35		
	max duration (h)			44	383	124		
	avg temperature (F)	65.8	65.8	65.8	66.2	66.5		
Anr		00.0	00.0	00.0	00.2	00.0		
, .p.	total hours (%)	64%	53%	49%	49%	46%		
	number of $>= 4$ h events	5	4	10,0	10,0	5		
	number of $>= 8$ h events	3	1	0	0	5		
	ava duration (b)	18	6	4	3	46		
	max duration (h)	50	13	4	4	172		
	avg temperature (F)	71.5	72.5	72 9	72 9	72.9		
Mav		11.0	12.0	72.0	12.0	12.0		
may	total bours (%)	22%	6%	4%	1%	0%		
	number of $>= 4$ h events	11	1	1/0	0	070		
	number of $>= 8$ b events	6	0	0	0			
	ava duration (b)	5	2	2	1			
	max duration (h)	13	4	6	1			
	avg temperature (F)	72 7	73.5	73.2	73.4			
Jun		12.1	10.0	10.2	70.4			
oun	total hours (%)	57%	4%	0%	0%	0%		
	number of $>= 4 h events$	18	-+70	0.0	578	070		
	number of >= 8 h events	10	1	0		+		
	ava duration (h)	12	3	2				
	max duration (h)	150	10	2		+		
	ava temperature (F)	73.1	73.5	73.2		+		
	avy compenditie (1)	10.1	10.0	10.2	1	1		

Table 56. Site 16 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

	2001		Relative	Humidity TI	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul		0.404	0001	10/	221	221
	total hours (%)	64%	20%	1%	0%	0%
	number of $>= 4$ n events	24	18	1		
	number of $>= 8$ h events	20	5	0		
	avg duration (h)	15	6	5		
	max duration (h)	90	19	5		
A	avg temperature (F)	73.4	73.8	74.5		
Aug	(000/	400/	40/	00/	00/
	total nours (%)	82%	12%	1%	0%	0%
	number of >= 4 h events	27	9	0	0	0
	number of $>= 8$ h events	27	1	0	0	0
	avg duration (h)	29	3	2	1	1
	max duration (h)	282	8	2	1	1
_	avg temperature (F)	73.6	74.2	76.1	11.3	77.3
Sep	(0.00/	000/	00/	00/	00/
	total nours (%)	90%	23%	2%	0%	0%
	number of >= 4 h events	30	6	3	0	
	number of >= 8 h events	19	3	0	0	
	avg duration (h)	11	3	3	1	
	max duration (h)	59	33	6	1	
. .	avg temperature (F)	75.6	75.7	75.9	75.7	
Oct						
	total hours (%)	79%	39%	7%	1%	0%
	number of $>= 4$ h events	20	24	1	0	
	number of >= 8 h events	13	/	1	0	
	avg duration (h)	24	5	3	2	
	max duration (h)	158	52	25	3	
	avg temperature (F)	76.0	76.3	76.4	76.5	
Nov						
	total hours (%)	94%	66%	17%	1%	0%
	number of >= 4 h events	6	22	12	0	
	number of >= 8 h events	5	15	3	0	
	avg duration (h)	136	10	4	3	
	max duration (h)	570	82	22	3	
	avg temperature (F)	73.6	74.4	74.8	75.4	
Dec	tatelles and the	700/	5001	0001	4701	401
	total hours (%)	/6%	58%	33%	1/%	1%
	number of >= 4 h events	0	7	8	9	0
	number of >= 8 h events	0	6	7	6	0
	avg duration (h)	2	33	27	7	2
	max duration (h)	2	150	80	25	3
	avg temperature (F)	70.0	70.9	72.8	74.0	72.6

	2002	002 Relative Humidity Threshold				
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						
	total hours (%)	52%	34%	17%	7%	0%
	number of >= 4 h events	5	6	2	4	0
1	number of >= 8 h events	4	5	2	3	0
	avg duration (h)	33	18	21	7	1
	max duration (h)	141	108	76	25	1
	avg temperature (F)	72.7	73.3	74.8	75.6	71.1
Feb						
1	total hours (%)	49%	19%	3%	0%	0%
	number of >= 4 h events	11	5	2	0	
1	number of >= 8 h events	10	4	0	0	
	avg duration (h)	18	11	4		
	max duration (h)	103	35	8		
1	avg temperature (F)	69.6	71.6	71.7	73.2	
Mar						
	total hours (%)	73%	56%	31%	6%	0%
	number of >= 4 h events	8	7	16	3	0
	number of >= 8 h events	8	7	10	0	0
	avg duration (h)	145	31	10	2	
	max duration (h)	1483	187	37	7	
	avg temperature (F)	73.2	73.8	74.8	75.6	76.6
Apr			·	÷		·
•	total hours (%)	100%	99%	67%	23%	0%
	number of >= 4 h events	0	8	29	12	0
	number of >= 8 h events	0	7	17	3	0
	avg duration (h)		97	6	2	
	max duration (h)		326	65	12	
	avg temperature (F)	74.9	74.9	75.3	75.9	75.9
May						
-	total hours (%)	95%	62%	34%	2%	0%
	number of >= 4 h events	14	6	7	1	
1	number of >= 8 h events	13	2	2	0	
	avg duration (h)	18	5	8	2	
	max duration (h)	178	222	164	7	
	avg temperature (F)	77.8	79.2	82.1	80.1	
Jun	<u> </u>					1
	total hours (%)	92%	41%	3%	0%	0%
	number of >= 4 h events	25	13	0		
	number of >= 8 h events	14	2	0		
	avg duration (h)	14	2	1		
1	max duration (h)	152	9	2		
	avg temperature (F)	76.8	76.7	77.4		

Table 57. Site 16 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

	2002		Relative	ve Humidity Threshold			
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
hul							
Jui	total hours (%)	83%	29%	1%	0%	0%	
	number of $>= 4$ h events	31	4	0	0,0	0,0	
	number of >= 8 h events	18	0	0			
	avg duration (h)	9	2	1			
	max duration (h)	130	7	1			
	avg temperature (F)	77.5	77.3	78.0			
Aug							
	total hours (%)	57%	8%	0%	0%	0%	
	number of >= 4 h events	28	3				
	number of >= 8 h events	13	0				
	avg duration (h)	5	2				
	max duration (h)	62	5				
	avg temperature (F)	77.3	76.9				
Sep							
	total hours (%)	85%	18%	1%	1%	0%	
	number of >= 4 h events	22	5	1	0	0	
	number of >= 8 h events	18	1	0	0	0	
	avg duration (h)	16	2	2	3	3	
	max duration (h)	135	10	4	3	3	
0	avg temperature (F)	76.2	76.1	76.8	77.0	76.9	
Oct	total hours (9/)	0.29/	409/	10/	0%	0%	
	101a1 HOUTS(%)	93%	40%	4%	0%	0%	
	number of $z = 8$ h events	0	10	3			
	ava duration (b)	32	3	0			
	max duration (h)	198	18	6			
	avg temperature (F)	75.7	75.4	75.7			
Nov		10.1	70.4	70.7			
	total hours (%)						
	number of $>= 4$ h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Dec	. , ,						
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
.lan								
Van	total hours (%)	48%	27%	15%	4%	0%		
	number of $>= 4$ h events	8	4	2	2			
	number of >= 8 h events	7	3	2	2			
	avg duration (h)	37	20	28	7			
	max duration (h)	120	100	72	11			
	avg temperature (F)	72.1	73.1	74.9	75.8			
Feb	<u> </u>			1		1		
	total hours (%)	35%	13%	1%	0%	0%		
	number of >= 4 h events	10	4	1				
	number of >= 8 h events	5	4	0				
	avg duration (h)	15	17	4				
	max duration (h)	97	31	5				
	avg temperature (F)	69.5	71.6	71.8				
Mar								
	total hours (%)	67%	49%	25%	3%	0%		
	number of >= 4 h events	6	6	14	1	0		
	number of >= 8 h events	5	4	8	0	0		
	avg duration (h)	171	29	8	2			
	max duration (h)	1246	184	26	5			
	avg temperature (F)	72.8	73.5	74.5	75.5	76.6		
Apr								
•	total hours (%)	100%	94%	58%	5%	0%		
	number of >= 4 h events	0	15	22	4			
	number of >= 8 h events	0	13	12	1			
	avg duration (h)		35	5	3			
	max duration (h)		206	51	9			
	avg temperature (F)	74.1	74.2	74.6	75.6			
May	<u> </u>			1		1		
-	total hours (%)	81%	42%	21%	0%	0%		
	number of >= 4 h events	23	8	6				
	number of >= 8 h events	7	4	3				
	avg duration (h)	4	7	5				
	max duration (h)	16	192	72				
	avg temperature (F)	77.1	79.6	81.8				
Jun	. (7							
	total hours (%)	57%	9%	0%	0%	0%		
	number of >= 4 h events	25	0					
	number of >= 8 h events	8	0					
	avg duration (h)	4	2					
	max duration (h)	42	3					
	avg temperature (F)	75.5	75.9					

Table 58. Site 16 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002		Relative	Humidity TI	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
1.4						
Jui	total bours (9/)	409/	20/	09/	00/	09/
	101a1 Hours (%)	40%	3%	0%	0%	0%
	number of $>= 8$ h events	12	0			
	ava duration (b)	3	1			
	max duration (h)	41	2			
	avg temperature (F)	76.2	76.3			
Aua	avg tompolatalo (r)	10.2	10.0			
	total hours (%)	12%	0%	0%	0%	0%
	number of $>= 4$ h events	2				
	number of $>= 8$ h events	2				
	avg duration (h)	3				
	max duration (h)	28				
	avg temperature (F)	75.8				
Sep						
-	total hours (%)	50%	6%	1%	0%	0%
	number of >= 4 h events	25	2	1	0	
	number of >= 8 h events	11	0	0	0	
	avg duration (h)	5	2	4	2	
	max duration (h)	40	6	4	2	
	avg temperature (F)	75.1	75.7	76.1	76.6	
Oct						
	total hours (%)	71%	27%	0%	0%	0%
	number of >= 4 h events	10	5	0		
	number of >= 8 h events	8	3	0		
	avg duration (h)	10	3	1		
	max duration (h)	61	13	1		
	avg temperature (F)	74.7	74.7	75.1		
Nov			1	1	1	1
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
D	avg temperature (F)					
Dec	total hours (0/)					1
	total hours (%)					
	number of >= 4 n events					
	number of $>= \delta$ n events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2001	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Mont
lan							Jul
van	total hours (%)						oui
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb							Aug
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Mar							Sep
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Apr			1		1		Oct
	total hours (%)						
	number of $>= 4$ h events						
	number of >= 8 n events						
	avg duration (h)						
	max duration (n)						
Mov	avg temperature (F)						Nev
way	total bours (%)						NOV
	number of >-4 b events						
	number of $>= 8$ h events						
	ava duration (b)						
	max duration (h)						
	avg temperature (F)						
Jun	avg temperature (r)		1		1		Dec
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						

Table 59. Site 17 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

	2001	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul		1000/	400/	00/	00(00/			
	total nours (%)	100%	40%	0%	0%	0%			
	number of $>= 4$ n events	0	0						
	number of ≥ 8 h events	0	0						
	avy duration (n)								
	max duration (II)	79.6	70.9						
Aug	avg temperature (F)	70.0	19.0						
Aug	total bours (%)	100%	57%	3%	0%	0%			
	number of >-4 b events	10070	33	2	0,0	070			
	number of $>= 8$ h events	0	24	1	0				
	avg duration (h)		12	3	3				
	max duration (h)		90	10	3				
	avg temperature (F)	77.4	77.9	78.2	79.2				
Sep									
	total hours (%)	100%	77%	13%	1%	0%			
	number of >= 4 h events	0	24	7	0				
	number of >= 8 h events	0	15	1	0				
	avg duration (h)		12	4	2				
	max duration (h)		106	27	2				
	avg temperature (F)	76.7	77.0	78.1	78.0				
Oct									
	total hours (%)	100%	90%	30%	2%	0%			
	number of >= 4 h events	1	17	18	1	0			
	number of >= 8 h events	1	14	9	0	0			
	avg duration (h)	2051	29	5	2	1			
	max duration (h)	2051	150	29	7	1			
	avg temperature (F)	75.4	75.6	76.6	76.9	76.6			
Nov									
	total hours (%)	100%	93%	67%	6%	0%			
	number of >= 4 h events	0	3	15	2				
	number of >= 8 h events	0	2	14	1				
	avg duration (h)		112	15	2				
	max duration (h)		490	97	12				
	avg temperature (F)	74.0	74.4	75.2	76.1				
Dec									
	total hours (%)	98%	85%	64%	28%	3%			
	number of >= 4 h events	2	4	9	9	1			
	number of >= 8 h events	2	3	5	8	1			
	avg duration (h)	58	71	34	10	7			
	max duration (h)	96	581	161	52	19			
	avg temperature (F)	/1.8	72.0	/2.4	/4.1	/5.8			

2001		Relative Humidity Threshold					200	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
lan							Ind	
Jan	total hours (%)						Sui	
	number of $>= 4$ h events							number o
	number of $>= 8$ h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avo t
Feb						1	Aua	
	total hours (%)	-						
	number of $>= 4$ h events							number o
	number of >= 8 h events							number of
	avg duration (h)	-						а
	max duration (h)							m
	avg temperature (F)							ava te
Mar				1	1		Sep	
	total hours (%)							
	number of >= 4 h events	-						number of
	number of >= 8 h events	-						number of
	avg duration (h)	-						а
	max duration (h)							m
	avg temperature (F)							avg te
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							number of
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg te
Мау							Nov	
	total hours (%)							
	number of >= 4 h events							number of
	number of >= 8 h events							number of
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg te
Jun							Dec	
	total hours (%)							
	number of >= 4 h events							number of
	number of >= 8 h events							number of
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg te

Table 60. Site 17 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

	2001		Relative	ive Humidity Threshold			
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
hul							
Jui	total hours (%)	100%	40%	0%	0%	0%	
	number of $>= 4$ h events	100 /8	4078	070	0 /0	078	
	number of $>= 8$ h events	0	0				
	ava duration (b)	0	0				
	max duration (h)						
	avg temperature (F)	77.0	78.4				
Aua	avg tomporatare (r)	11.0	10.1				
	total hours (%)	100%	38%	1%	0%	0%	
	number of >= 4 h events	0	25	1			
	number of >= 8 h events	0	15	0			
	avg duration (h)		7	5			
	max duration (h)		38	5			
	avg temperature (F)	76.2	77.0	77.9			
Sep	Q						
-	total hours (%)	100%	60%	7%	0%	0%	
	number of >= 4 h events	2	23	4	0		
	number of >= 8 h events	2	16	1	0		
	avg duration (h)	121	11	5			
	max duration (h)	121	69	25			
	avg temperature (F)	75.4	76.0	78.6	79.4		
Oct							
	total hours (%)	100%	77%	19%	1%	0%	
	number of >= 4 h events	2	21	10	0		
	number of >= 8 h events	2	19	6	0		
	avg duration (h)	705	18	4	3		
	max duration (h)	824	106	17	4		
	avg temperature (F)	74.3	74.7	75.7	76.2		
Nov							
	total hours (%)	97%	88%	51%	2%	0%	
	number of >= 4 h events	1	9	21	2		
	number of >= 8 h events	1	7	12	0		
	avg duration (h)	593	63	9	3		
	max duration (h)	593	310	63	8		
	avg temperature (F)	73.1	73.7	74.3	75.2		
Dec							
	total hours (%)	89%	73%	42%	17%	2%	
	number of >= 4 h events	2	6	6	8	1	
	number of >= 8 h events	2	5	5	6	1	
	avg duration (h)	37	68	35	10	12	
	max duration (h)	58	232	94	43	12	
	avg temperature (F)	70.6	71.0	72.4	73.6	75.9	
	2002	Relative Humidity Threshold					
-------	---------------------------	-----------------------------	-----------	-----------	-----------	-----------	--
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
lan							
Jun	total hours (%)	81%	54%	23%	9%	1%	
	number of $>= 4$ h events	5	8	8	8	0	
	number of >= 8 h events	4	5	5	3	0	
	avg duration (h)	67	29	12	7	2	
	max duration (h)	529	123	42	15	3	
	avg temperature (F)	71.6	72.2	73.3	74.1	73.2	
Feb	U						
	total hours (%)	87%	62%	19%	2%	0%	
	number of >= 4 h events	5	13	7	1	0	
	number of >= 8 h events	5	9	5	1	0	
	avg duration (h)	90	17	9	4	2	
	max duration (h)	330	71	37	10	2	
	avg temperature (F)	71.9	72.0	72.6	72.1	72.5	
Mar							
	total hours (%)	81%	66%	38%	8%	0%	
	number of >= 4 h events	3	5	14	4	0	
	number of >= 8 h events	3	4	8	2	0	
	avg duration (h)	23	95	13	3	1	
	max duration (h)	43	847	66	14	1	
	avg temperature (F)	72.6	72.7	73.8	74.0	73.8	
Apr							
	total hours (%)	100%	100%	82%	34%	1%	
	number of >= 4 h events	0	0	21	21	1	
	number of >= 8 h events	0	0	19	13	0	
	avg duration (h)			20	4	3	
	max duration (h)			98	16	5	
	avg temperature (F)	75.2	75.2	75.3	75.7	76.1	
Мау							
	total hours (%)	100%	84%	28%	9%	0%	
	number of >= 4 h events	0	26	16	7	0	
	number of >= 8 h events	0	26	15	2	0	
	avg duration (h)		17	6	5	3	
	max duration (h)		70	18	9	3	
	avg temperature (F)	76.0	76.2	76.9	77.8	77.5	
Jun							
	total hours (%)	100%	59%	9%	0%	0%	
	number of >= 4 h events	0	31	8			
	number of >= 8 h events	0	29	2			
	avg duration (h)		12	4			
	max duration (h)		22	10			
1	avg temperature (F)	76.5	76.9	77.8			

Table 61. Site 17 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
				•	•	•		
Jul								
	total hours (%)	98%	61%	17%	1%	0%		
	number of >= 4 h events	1	28	15	0			
	number of >= 8 h events	1	24	1	0			
	avg duration (h)	13	11	4	1			
	max duration (h)	13	39	9	2			
	avg temperature (F)	76.4	77.0	77.3	76.6			
Aug	total barres (0/)	C10/	00/	40/	00/	00/		
	total hours (%)	61%	9%	1%	0%	0%		
	number of $>= 4$ h events	27	1	0	0			
	number of >= 8 n events	25	0	0	0			
	avg duration (h)	12	3	2	2			
	max duration (h)	95	8	4	2			
0	avg temperature (F)	76.5	77.0	78.0	/8./			
Sep		000/	4.504	001	201	224		
	total hours (%)	82%	15%	0%	0%	0%		
	number of $>= 4$ h events	20	10	0				
	number of >= 8 n events	20	4	0				
	avg duration (h)	23	4	1				
	max duration (n)	116	12	1				
	avg temperature (F)	75.8	76.5	11.3				
Oct	(-(-))	750/	400/	40/	00/	00/		
	total hours (%)	/5%	12%	1%	0%	0%		
	number of >= 4 h events	11	4	0				
	number of >= 8 h events	10	1	0				
	avg duration (h)	16	4	1				
	max duration (n)	105	29	2				
Maria	avg temperature (F)	75.2	76.0	76.6				
NOV	total having (0()			1	1			
	total hours (%)							
	number of >= 4 n events							
	number of >= 8 n events							
	avg duration (h)							
Dee	avg temperature (F)							
Dec	total hours (9/)							
	101a1 + 1001S(%)							
	number of $>= 4$ n events							
	number of >= o n events							
	avy duration (h)							
	max ouration (n)							
	avg temperature (F)							

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
Jan	total hours (%)	61%	37%	16%	6%	0%		
	number of $>= 4$ h events	7	6	6	4			
1	number of $>= 8$ h events	6	5	5	1			
	avg duration (h)	53	28	18	5			
	max duration (h)	131	105	38	13			
	avg temperature (F)	70.7	71.8	73.0	74.2			
Feb	3 1 1 1 1 1 1 1 1 1 1		-		1			
	total hours (%)	64%	25%	5%	0%	0%		
	number of >= 4 h events	9	7	2				
	number of >= 8 h events	9	5	1				
	avg duration (h)	42	16	5				
	max duration (h)	139	50	18				
	avg temperature (F)	70.3	71.6	72.7				
Mar								
1	total hours (%)	75%	57%	29%	4%	0%		
	number of >= 4 h events	3	9	13	1			
	number of >= 8 h events	3	8	7	1			
	avg duration (h)	565	95	10	3			
	max duration (h)	2191	623	66	14			
	avg temperature (F)	71.9	72.3	73.4	73.7			
Apr								
•	total hours (%)	100%	100%	72%	20%	0%		
	number of >= 4 h events	0	2	23	14			
	number of >= 8 h events	0	2	22	2			
	avg duration (h)		59	17	4			
	max duration (h)		95	98	15			
1	avg temperature (F)	74.3	74.3	74.5	75.4			
May								
	total hours (%)	100%	76%	20%	4%	0%		
	number of >= 4 h events	0	29	13	3			
	number of >= 8 h events	0	29	13	0			
	avg duration (h)		16	7	3			
	max duration (h)		46	13	6			
	avg temperature (F)	74.9	75.1	76.3	77.5			
Jun	5 1		_		-			
	total hours (%)	99%	47%	5%	0%	0%		
1	number of >= 4 h events	3	28	4				
	number of >= 8 h events	3	22	2				
	avg duration (h)	128	9	4				
	max duration (h)	499	20	8				
	avg temperature (F)	75.3	76.0	76.6				

Table 62. Site 17 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
1.1					•			
Jui	07%	E09/	70/	09/	09/			
10000 (%)	97%	30%	170	0%	076			
number of $>= 8$ h events	1	23	4					
ava duration (h)	10	10	3					
max duration (h)	10	30	8					
avg temperature (F)	75.4	76.3	76.5					
Aug	70.1	10.0	10.0					
total hours (%)	48%	2%	0%	0%	0%			
number of ≥ 4 h events	29	2	0					
number of >= 8 h events	21	0	0					
avg duration (h)	9	2	2					
max duration (h)	24	5	2					
avg temperature (F)	75.9	77.1	77.9					
Sep								
total hours (%)	67%	8%	0%	0%	0%			
number of >= 4 h events	28	6						
number of >= 8 h events	27	2						
avg duration (h)	13	5						
max duration (h)	42	10						
avg temperature (F)	75.0	75.9						
Oct								
total hours (%)	61%	5%	0%	0%	0%			
number of >= 4 h events	14	2	0					
number of >= 8 h events	11	1	0					
avg duration (h)	13	7						
max duration (h)	68	17						
avg temperature (F)	74.1	75.0	79.4					
Nov								
total hours (%)								
number of $>= 4$ h events								
number of >= 8 h events								
avg duration (h)								
max duration (h)								
avg temperature (F)								
total hours (9/)								
10001S(%)								
number of $>= 8$ h events								
ava duration (h)								
max duration (h)								
avg temperature (F)			<u> </u>					

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
• • • •	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb			1					
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr			1	1				
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)				ļ			
мау	total barras (0()				1	1		
	101a1 Hours(%)							
	number of $> = 9$ h events							
	number of ≥ 0 if events							
	avg duration (h)							
	ava temperaturo (E)							
Jun	avy temperature (F)							
oun	total hours (%)	100%	75%	27%	7%	በ%		
	number of $>= 4 h events$	10078	18	14	6	0.0		
	number of $>= 8 h events$	1	10	11	3	0		
	avg duration (h)	1058	23	10	5	0		
	max duration (h)	1058	211	20	10			
	avg temperature (F)	75.3	74.9	74.3	74.6	77.0		

Table 63. Site 18 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
11								
Jui	total hours (0/)	1009/	710/	170/	20/	10/		
	101a1 Hours(%)	100%	71%	17%	3%	1%		
	number of $z = 2$ h events	0	21	7	1	1		
	number of ≥ 8 if events	0	24	5	1	1		
	max duration (h)		51	34	15	9		
	ava temperature (F)	76 5	76.1	75.8	75.4	75.6		
Διια		70.0	70.1	10.0	70.4	10.0		
/ lug	total hours (%)	100%	55%	12%	0%	0%		
	number of $>= 4$ h events	1	27	2	0	0,0		
	number of $>= 8$ h events	1	19	2	0			
	avg duration (h)	1337	14	10	1			
	max duration (h)	1337	193	68	1			
	avg temperature (F)	77.4	76.4	75.1	75.2			
Sep					1			
•	total hours (%)	100%	81%	32%	8%	0%		
	number of >= 4 h events	0	22	15	6	0		
	number of >= 8 h events	0	21	11	1	0		
	avg duration (h)		19	8	5			
	max duration (h)		146	21	15			
	avg temperature (F)	75.8	75.6	75.3	76.3	75.6		
Oct								
	total hours (%)	100%	90%	36%	1%	0%		
	number of >= 4 h events	0	21	18	1			
	number of >= 8 h events	0	21	13	0			
	avg duration (h)		30	8	2			
	max duration (h)		142	37	4			
	avg temperature (F)	73.8	73.7	73.7	72.7			
Nov								
	total hours (%)	100%	98%	67%	5%	0%		
	number of >= 4 h events	0	1	12	2	0		
	number of >= 8 h events	0	1	11	0	0		
	avg duration (h)		23	13	2			
	max duration (h)		23	42	4			
_	avg temperature (F)	73.7	73.7	73.6	73.1	73.2		
Dec								
	total nours (%)							
	number of >= 4 n events							
	number of $>= 8$ n events							
	avg duration (h)							
	max duration (n)							
	avg temperature (F)							

	2001							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)							
	number of >= 4 h events							nu
	number of >= 8 h events							nu
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							Aug	
	total hours (%)							
	number of >= 4 h events							nu
1	number of >= 8 h events							nı
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							nu
	number of >= 8 h events							nu
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							nu
	number of >= 8 h events							nu
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Мау							Nov	
	total hours (%)							
	number of >= 4 h events							nu
	number of >= 8 h events							nu
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun							Dec	
	total hours (%)	92%	49%	14%	1%	0%		
	number of >= 4 h events	11	19	8	1			nu
	number of >= 8 h events	11	13	5	0			nı
	avg duration (h)	58	14	7	5			
	max duration (h)	377	95	17	5			
ĺ	avg temperature (F)	73.2	73.0	73.4	74.8			

Table 64. Site 18 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Relative Humidity Threshold						
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
000/	0.49/	00/	00/	00/		
) 89%	34%	2%	0%	0%		
3 17	18	0				
3 17	12	0				
) 30	0	2				
74.1	30	3				
) 74.1	74.2	74.4				
75%	24%	5%	0%	0%		
24	12	2/0	078	070		
24	12	1				
30	10	8				
402	152	41				
74.6	74.2	73.8				
,		1010	<u> </u>	<u> </u>		
87%	47%	17%	1%	0%		
18	14	9	0			
18	9	8	0			
) 19	12	6	3			
) 67	46	19	3			
) 73.8	74.2	74.8	76.8			
) 87%	36%	2%	0%	0%		
s 18	18	1				
s 17	14	0				
) 37	13	3				
) 118	41	8				
) 71.9	72.6	73.3				
) 91%	44%	0%	0%	0%		
6 7	11	0				
6 7	8	0				
) 23	10	1				
) 47	17	1				
) 71.5	71.8	71.9				
)						
š						
2						
2						
)				<u> </u>		
	Above 50% Above 50% 3 17 3 17 17 3 17 300 118 74.1 75% 24 300 74.1 0 74.6 0 0 87% 5 18 19 0 73.8 19 0 77.3.8 10 71.9 1118 177.9 1118 171.9 118 171.9 118 171.9 118 171.9 118 171.9 118 171.9 118 118 118 119 110 1110 1110 1110	Relative Above 50% Above 55% Above 50% Above 55% 89% 34% 17 18 17 12 30 88 118 38 74.1 74.2 24 12 30 88 74.1 74.2 24 12 30 10 402 152 74.6 74.2 74.6 74.2 87% 47% 5 18 14 9 19 12 67 46 73.8 74.2 87% 36% 8 18 18 9 19 12 67 46 73.8 74.2 9 118 41 37 133 118 41 7 8 23 10	Relative Humidity II Above 50% Above 55% Above 60% 3 17 18 0 3 17 18 0 3 17 12 0 30 8 2 118 38 3 74.1 74.2 74.4 75% 24% 5% 24 12 2 24 4 1 30 10 8 402 152 41 30 10 8 402 152 41 74.6 74.2 73.8 18 14 9 3 18 14 9 8 19 19 12 6 6 67 46 19 73.8 74.2 73.8 13 37 13 33 118 41 8 71.9	Relative Humidity Threshold Above 50% Above 55% Above 60% Above 65% Above 50% Above 55% Above 60% Above 65% 3 17 18 0 0 3 17 12 0 0 3 17 12 0 0 3 17 12 0 0 3 17 12 0 0 3 74.1 74.2 74.4 0 75% 24% 5% 0% 5 24 12 2 5 24 3 74.6 74.2 73.8 0 0 87% 47% 17% 1% 3 18 14 9 0 3 73.8 74.2 73.8 0 3 73.8 74.2 74.8 76.8 4 1 9 3 3 3 71.3		

	2002	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
	total hours (%)	73%	59%	50%	4%	0%	
	number of >= 4 h events	1	2	4	0		
	number of >= 8 h events	1	2	4	0		
	avg duration (h)	107	27	23	2		
	max duration (h)	107	53	25	3		
	avg temperature (F)	76.0	76.2	76.6	77.3		
Feb							
	total hours (%)	19%	6%	0%	0%	0%	
	number of >= 4 h events	3	4				
	number of >= 8 h events	2	1				
	avg duration (h)	31	6				
	max duration (h)	82	12				
	avg temperature (F)	74.2	74.4				
Mar							
	total hours (%)	69%	52%	24%	1%	0%	
	number of >= 4 h events	5	6	11	1	0	
	number of >= 8 h events	5	6	9	0	0	
	avg duration (h)	174	31	11	3	1	
	max duration (h)	1254	175	38	5	1	
	avg temperature (F)	74.3	74.7	74.7	75.0	75.2	
Apr			·	·		÷	
	total hours (%)	100%	84%	43%	8%	0%	
	number of >= 4 h events	0	22	21	3		
	number of >= 8 h events	0	22	18	2		
	avg duration (h)		22	10	7		
	max duration (h)		116	53	24		
	avg temperature (F)	74.2	74.3	74.7	75.4		
May							
	total hours (%)	99%	61%	11%	1%	0%	
	number of >= 4 h events	3	31	7	0	0	
	number of >= 8 h events	3	27	2	0	0	
	avg duration (h)	200	10	3	3	2	
	max duration (h)	361	23	13	3	2	
	avg temperature (F)	74.4	74.3	74.7	74.1	73.2	
Jun							
	total hours (%)	96%	57%	12%	0%	0%	
	number of >= 4 h events	5	25	8	0		
	number of >= 8 h events	5	22	3	0		
	avg duration (h)	72	11	4			
	max duration (h)	313	50	12			
	avg temperature (F)	75.2	74.8	75.0	76.6		

Table 65. Site 18 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002		Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
hul									
Jui	total hours (%)	96%	54%	9%	0%	0%			
	number of $>= 4$ h events	3	24	6	070	0,0			
	number of $>= 8$ h events	3	19	2					
	avg duration (h)	19	9	3					
	max duration (h)	23	24	13					
	avg temperature (F)	76.1	75.8	75.5					
Aug	U U U								
•	total hours (%)	61%	16%	1%	0%	0%			
	number of >= 4 h events	26	11	0					
	number of >= 8 h events	19	5	0					
	avg duration (h)	15	5	1					
	max duration (h)	123	19	1					
	avg temperature (F)	75.6	75.6	75.7					
Sep									
	total hours (%)	74%	20%	1%	0%	0%			
	number of >= 4 h events	26	11	0					
	number of >= 8 h events	26	6	0					
	avg duration (h)	16	4	3					
	max duration (h)	72	15	3					
	avg temperature (F)	74.6	74.7	74.3					
Oct									
	total hours (%)	95%	57%	15%	0%	0%			
	number of >= 4 h events	3	11	2					
	number of >= 8 h events	3	10	1					
	avg duration (h)	18	13	4					
	max duration (h)	19	46	21					
	avg temperature (F)	74.4	74.1	74.1					
Nov			1	1	1	1			
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
D	avg temperature (F)								
Dec									
	total nours (%)								
	number of $>= 4$ h events								
	number of $>= 8$ n events								
	avg duration (h)								
	max duration (n)								
	avg temperature (F)								

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	59%	40%	0%	0%	0%		
num	ber of >= 4 h events	2	4	0				
num	ber of >= 8 h events	2	4	0				
	avg duration (h)	41	12	1				
	max duration (h)	53	24	1				
	avg temperature (F)	74.5	74.7	74.9				
Feb	U							
	total hours (%)	2%	0%	0%	0%	0%		
num	ber of >= 4 h events	1						
num	ber of >= 8 h events	0						
	avg duration (h)	3						
	max duration (h)	6						
	avg temperature (F)	71.8						
Mar	J J J J J J J J J J	_		I				
	total hours (%)	50%	23%	1%	0%	0%		
num	ber of >= 4 h events	5	7	1				
num	ber of >= 8 h events	5	7	0				
	avg duration (h)	80	19	3				
	max duration (h)	205	43	6				
	avg temperature (F)	72.7	72.8	74.8				
Apr	J J J J J J J J J J		-	-	l			
	total hours (%)	97%	58%	14%	0%	0%		
num	ber of >= 4 h events	4	27	4				
num	ber of $>= 8$ h events	4	26	2				
	avg duration (h)	228	13	6				
	max duration (h)	738	56	51				
	ava temperature (F)	72.8	73.2	74.3				
Mav	J J J J J J J J J J	_	_	-				
	total hours (%)	90%	42%	2%	0%	0%		
num	ber of >= 4 h events	16	23	1				
num	ber of >= 8 h events	15	17	0				
	avg duration (h)	16	9	2				
	max duration (h)	65	21	4				
	avg temperature (F)	73.2	73.7	74.2				
Jun	ung tomporatare (r.)	1012						
	total hours (%)	83%	37%	5%	0%	0%		
ทมฑ	ber of $>= 4$ h events	14	22	2	0			
num	ber of $>= 8$ h events	13	16	2	0	<u></u>		
	avg duration (h)	32	.0	3		<u> </u>		
	max duration (h)	212	24	9		<u></u>		
	avg temperature (F)	73.9	74.2	74.6	75 9	<u> </u>		

Table 66. Site 18 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
l. d									
Jui	total hours (%)	86%	38%	10/	0%	0%			
	number of >-1 h events	13	20	1 /0	0 78	078			
	number of $>=$ 8 h events	13	15	0					
	avg duration (b)	30	7	3					
	max duration (h)	166	20	5					
	avg temperature (F)	74 7	75.0	74.8					
Aua			1010	1 110		<u> </u>			
	total hours (%)	39%	4%	0%	0%	0%			
	number of $>= 4$ h events	22	1						
	number of >= 8 h events	18	1						
	avg duration (h)	9	3						
	max duration (h)	44	15						
	avg temperature (F)	74.7	74.9						
Sep			1	1	1				
	total hours (%)	50%	6%	0%	0%	0%			
	number of >= 4 h events	25	3						
	number of >= 8 h events	18	2						
	avg duration (h)	10	3						
	max duration (h)	46	10						
	avg temperature (F)	74.0	74.2						
Oct									
	total hours (%)	84%	35%	5%	0%	0%			
	number of >= 4 h events	12	7	0					
	number of >= 8 h events	12	6	0					
	avg duration (h)	26	14						
	max duration (h)	89	40						
	avg temperature (F)	73.6	73.3	73.4					
Nov			1	1	1	1			
	total hours (%)								
	number of $>= 4$ h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
_	avg temperature (F)								
Dec									
	total hours (%)								
	number of $>= 4$ h events								
	number of $>= 8$ n events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								

2001		Relative	Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan					
total hours (9	%)				
number of >= 4 h even	its				
number of >= 8 h ever	its				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Feb	<i>.</i>				
total hours (S	%)				
number of >= 4 h ever	its				
number of >= 8 h ever	its				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Mar					
total hours (9	%)				
number of >= 4 h ever	its				
number of >= 8 h ever	its				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Apr					
total hours (9	%)				
number of >= 4 h ever	its				
number of >= 8 h ever	its				
avg duration (h)				
max duration (h)				
avg temperature (F)			ļ	
Мау		1	1	1	
total hours (9	%)				
number of >= 4 h ever	its				
number of >= 8 h ever	its				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Jun	4000	001	<u> </u>	CCCCCCCCCCCCC	00/
total hours (9	%) <u>100%</u>	0%	0%	0%	0%
number of >= 4 h ever	ts 0				
number of >= 8 h even	its 0				
avg duration (n)				
max duration (n)				
avg temperature (⊢) 73.6				

Table 67. Site 19 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

	2001		Relative	Humidity TI	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul						
Jui	total hours (%)	81%	9%	0%	0%	0%
	number of $>= 4$ h events	25	7	0	070	0,0
	number of >= 8 h events	13	2	0		
	avg duration (h)	13	5	1		
	max duration (h)	98	14	1		
	avg temperature (F)	78.1	79.1	79.4		
Aug						
	total hours (%)	74%	13%	7%	0%	0%
	number of >= 4 h events	21	1	1		
	number of >= 8 h events	9	1	1		
	avg duration (h)	13	34	36		
	max duration (h)	219	158	69		
	avg temperature (F)	79.2	78.5	78.4		
Sep						
	total hours (%)	95%	45%	6%	0%	0%
	number of >= 4 h events	11	17	2		
	number of >= 8 h events	10	9	2		
	avg duration (h)	44	8	4		
	max duration (h)	264	42	13		
	avg temperature (F)	76.6	77.6	78.7		
Oct						
	total hours (%)	81%	48%	9%	0%	0%
	number of >= 4 h events	6	16	3		
	number of >= 8 h events	4	8	3		
	avg duration (h)	60	14	9		
	max duration (h)	557	93	30		
	avg temperature (F)	73.8	74.6	76.1		
Nov						
	total hours (%)	93%	65%	31%	1%	0%
	number of >= 4 h events	4	6	6	1	
	number of >= 8 h events	4	6	4	1	
	avg duration (h)	114	43	22	9	
	max duration (h)	524	1/8	126	9	
Dee	avg temperature (F)	/1.9	73.2	73.9	74.6	
Dec	total hours (9/)	1000/	010/	600/	400/	70/
	101a1 Hours(%)	100%	91%	400	40%	1%
	number of $>= 4$ in events	0	0	1	1	3
	number of >= o n events	0	0	E 4	00	
	avy unation (1) may duration (b)			150	30	10
	max uurauuri (II)	60 0	60.1	71.0	707	74.4
	avy temperature (F)	0.00	09.1	11.0	12.1	14.4

	2001		Relative	Humidity T	hreshold			2001
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)	-						
	number of >= 4 h events	-						number of
	number of >= 8 h events							number of
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg te
Feb							Aug	
	total hours (%)						_	
	number of >= 4 h events							number of
	number of >= 8 h events							number of
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg te
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							number of
	number of >= 8 h events							number of
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg te
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							number of
	number of >= 8 h events							number of
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg te
May							Nov	
	total hours (%)							
	number of >= 4 h events							number of
	number of >= 8 h events							number of
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg te
Jun							Dec	
	total hours (%)	0%	0%	0%	0%	0%		
	number of >= 4 h events							number of
	number of >= 8 h events							number of
	avg duration (h)							a
	max duration (h)							m
	avg temperature (F)							avg t

Table 68. Site 19 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

	2001		Relative	Humidity T	hreshold		
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above	70%
Int							
Jui	total hours (%)	42%	1%	0%	0%		0%
	number of $>= 4$ h events	19	1,0	070	070		070
	number of $>= 8$ h events	12	0				
	avg duration (h)	.2	2				
	max duration (h)	52	4				
	avg temperature (F)	77.8	78.3				
Aua							
	total hours (%)	31%	10%	4%	0%		0%
	number of >= 4 h events	10	1	2			
	number of >= 8 h events	5	1	1			
	avg duration (h)	11	121	25			
	max duration (h)	192	121	44			
	avg temperature (F)	78.2	78.0	78.1			
Sep			1				
-	total hours (%)	71%	25%	3%	0%		0%
	number of >= 4 h events	16	10	0			
	number of >= 8 h events	8	8	0			
	avg duration (h)	17	7	3			
	max duration (h)	133	18	3			
	avg temperature (F)	76.3	77.4	78.0			
Oct							
	total hours (%)	73%	27%	3%	0%		0%
	number of >= 4 h events	8	11	1			
	number of >= 8 h events	6	7	1			
	avg duration (h)	42	12	7			
	max duration (h)	192	88	19			
	avg temperature (F)	73.4	74.2	75.8			
Nov							
	total hours (%)	87%	60%	23%	0%		0%
	number of >= 4 h events	10	6	6			
	number of >= 8 h events	9	6	5			
	avg duration (h)	52	48	24			
	max duration (h)	385	173	48			
	avg temperature (F)	71.7	72.8	73.2			
Dec			1			1	
	total hours (%)	100%	90%	54%	34%		0%
	number of >= 4 h events	0	0	1	2		
	number of >= 8 h events	0	0	1	2		
	avg duration (h)			137	46		
	max duration (h)			137	84		
	avg temperature (F)	68.3	68.6	71.2	72.7		

	2002		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						
	total hours (%)	100%	67%	41%	18%	1%
	number of >= 4 h events	0	2	2	1	0
	number of >= 8 h events	0	2	1	1	0
	avg duration (h)		32	8	14	1
	max duration (h)		81	42	26	1
	avg temperature (F)	66.3	67.9	69.4	71.7	72.1
Feb						
	total hours (%)	41%	14%	1%	0%	0%
	number of >= 4 h events	7	3	1		
	number of >= 8 h events	7	3	1		
	avg duration (h)	25	10	9		
	max duration (h)	98	44	9		
	avg temperature (F)	67.2	68.6	69.6		
Mar						
	total hours (%)	72%	59%	32%	5%	1%
	number of >= 4 h events	2	8	5	4	1
	number of >= 8 h events	2	7	5	1	1
	avg duration (h)	404	38	35	5	6
	max duration (h)	1564	221	126	16	10
	avg temperature (F)	70.7	71.1	72.2	73.9	75.7
Apr						
•	total hours (%)	100%	96%	57%	22%	0%
	number of >= 4 h events	0	5	11	10	0
	number of >= 8 h events	0	5	11	5	0
	avg duration (h)		71	18	11	1
	max duration (h)		222	103	44	1
	avg temperature (F)	73.2	73.3	73.5	73.9	73.2
May	<u> </u>		1	1	1	1
-	total hours (%)	99%	46%	6%	0%	0%
	number of >= 4 h events	3	8	3		
	number of >= 8 h events	3	5	2		
	avg duration (h)	167	19	6		
	max duration (h)	383	109	25		
	avg temperature (F)	75.5	75.5	77.0		
Jun					1	1
	total hours (%)	97%	33%	1%	0%	0%
	number of >= 4 h events	6	15	1		
	number of >= 8 h events	4	7	0		
	avg duration (h)	67	9	3		
	max duration (h)	407	86	5		
	avg temperature (F)	77.2	76.9	78.2		

Table 69. Site 19 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

Month Above 50% Above 60% Above 65% Above 70% Jul		2002		Relative	Humidity Tl	hreshold	
Jul total hours (%) 99% 17% 0% 0% 0% number of >= 4 h events 2 7 0 0 0 0 0 0 0 0 0%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul total hours (%) 99% 17% 0% 0% 0% number of >= 4 h events 2 7 0 0 0 0 0 0 0 0 0%				•	•	•	•
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Jul						
number of >= 4 h events 2 7 0 avg duration (h) 17 3 1 max duration (h) 20 24 1 avg temperature (F) 75.9 77.3		total hours (%)	99%	17%	0%	0%	0%
number of >= 8 h events avg duration (h) 2 4 0 max duration (h) avg temperature (F) 17 3 1 Aug total hours (%) number of >= 4 h events 98% 33% 3% 0% 0% number of >= 8 h events 7 6 0 0 avg duration (h) avg duration (h) 79 10 3 avg temperature (F) 76.6 76.4 76.0 76.3 Sep total hours (%) 95% 44% 9% 0% 0% number of >= 4 h events 15 10 3 number of >= 8 h events 11 7 3 number of >= 8 h events 15 10 3 avg duration (h) 28 11 11 number of >= 8 h events 0 9 1		number of >= 4 h events	2	7	0		
avg duration (h) 17 3 1 max duration (h) 20 24 1 avg temperature (F) 75.9 77.3 Aug		number of >= 8 h events	2	4	0		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		avg duration (h)	17	3	1		
avg temperature (F) 75.9 75.9 77.3 Aug total hours (%) 98% 33% 3% 0% 0% number of >= 4 h events 8 10 2 0 0 number of >= 8 h events 7 6 0 0 0 avg duration (h) 79 10 3 0% 0% 0% max duration (h) 435 126 6 0 0 0 avg temperature (F) 76.6 76.4 76.0 76.3 76.3 Sep total hours (%) 95% 44% 9% 0% 0% number of >= 4 h events 15 10 3 0 0% 0% number of >= 8 h events 11 7 3 39 0% 0		max duration (h)	20	24	1		
Aug total hours (%) 98% 33% 3% 0% 0% number of >= 4 h events 8 10 2 0 number of >= 8 h events 7 6 0 0 avg duration (h) 79 10 3 - max duration (h) 435 126 6 - avg temperature (F) 76.6 76.4 76.0 76.3 Sep	A	avg temperature (F)	75.9	75.9	77.3		
total nours (%) 98% 33% 3% 0% 0% number of >= 4 h events 8 10 2 0 number of >= 8 h events 7 6 0 0 avg duration (h) 79 10 3 - max duration (h) 435 126 6 - avg temperature (F) 76.6 76.4 76.0 76.3 Sep	Aug	total barras (0()	0.00/	220/	20/	00/	00/
number of >= 4 h events 8 10 2 0 number of >= 8 h events 7 6 0 0 avg duration (h) 79 10 3		total nours (%)	98%	33%	3%	0%	0%
number of $>= 8$ h events avg duration (h) 7 6 0 0 avg duration (h) 79 10 3		number of $>= 4$ h events	8	10	2	0	
avg duration (h) 79 10 3		number of >= 8 n events	70	6	0	0	
max duration (n) 435 126 6 avg temperature (F) 76.6 76.4 76.0 76.3 Sep total hours (%) 95% 44% 9% 0% 0% number of >= 4 h events number of >= 8 h events avg duration (h) 15 10 3		avg duration (n)	79	10	3		
avg temperature (r) 76.6 76.4 76.0 76.3 Sep		max duration (n)	435	126	6	70.0	
Sep total hours (%) 95% 44% 9% 0% 0% number of >= 4 h events 15 10 3 10 3 10 number of >= 8 h events 11 7 3 10 1	Con	avg temperature (F)	76.6	76.4	76.0	76.3	
number of >= 4 h events 15 10 3 number of >= 8 h events 11 7 3 avg duration (h) 28 11 11 max duration (h) 237 93 39 avg temperature (F) 76.1 77.1 78.5 Oct total hours (%) 100% 63% 16% 0% 0% number of >= 4 h events 0 9 1 - - number of >= 8 h events 0 8 1 - - - number of >= 8 h events 0 8 1 - <	Sep	total hours (0/)	059/	440/	00/	00/	00/
Indifice of $3 \ge 4$ if events 13 10 3 number of $3 \ge 8$ h events 11 7 3 avg duration (h) 28 11 11 max duration (h) 237 93 39 avg temperature (F) 76.1 77.1 78.5 Oct 100% 63% 16% 0% 0% number of $3 \ge 4$ h events 0 9 1 1 1 number of $3 \ge 4$ h events 0 8 1 1 1 1 number of $3 \ge 4$ h events 0 8 1		101a1 Hours(%)	95%	44%	9%	0%	0%
Initial of $J \ge 8$ in events 11 7 3 avg duration (h) 28 11 11 max duration (h) 237 93 39 avg temperature (F) 76.1 77.1 78.5 Oct total hours (%) number of >= 4 h events 0 9 1 number of >= 8 h events 0 8 1 avg duration (h) 14 7 1 max duration (h) 54 42 1 avg temperature (F) 74.5 74.5 74.8 Nov total hours (%) number of >= 4 h events 1 1 number of >= 8 h events 1 1 1 number of >= 8 h events 1 1 1 number of >= 8 h events 1 1 1 number of >= 8 h events 1 1 1 number of >= 8 h events 1 1 1 number of >= 8 h events 1 1 1 number of s = 8 h events 1 1		number of $z = 8$ h events	10	10	3		
avg duration (h) 28 11 11 max duration (h) 237 93 39 avg temperature (F) 76.1 77.1 78.5 Oct		number of >= off events	11	11	3		
avg temperature (F) 76.1 77.1 78.5 Oct Total hours (%) 100% 63% 16% 0% 0% number of >= 4 h events number of >= 8 h events avg duration (h) 100% 63% 16% 0% 0% avg duration (h) 14 7 74.5 74.8 74.5 74.8 Nov total hours (%) Total hours (%) <t< td=""><td></td><td>avy duration (h)</td><td>20</td><td>11</td><td>30</td><td></td><td></td></t<>		avy duration (h)	20	11	30		
avg temperature (r) 77.1 76.3 Oct 100% 63% 16% 0% 0% number of >= 4 h events 0 9 1		ava tomporaturo (E)	76.1	77 1	78.5		
total hours (%) 100% 63% 16% 0% 0% number of >= 4 h events number of >= 8 h events avg duration (h) 0 9 1 <td< td=""><td>Oct</td><td>avg temperature (r)</td><td>70.1</td><td>77.1</td><td>70.5</td><td></td><td></td></td<>	Oct	avg temperature (r)	70.1	77.1	70.5		
number of >= 4 h events 0 9 1 number of >= 8 h events 0 8 1 avg duration (h) 14 7 max duration (h) 54 42 avg temperature (F) 74.5 74.8 Nov $total hours (%)$ $total hours (%)$ $total hours (%)$ number of >= 8 h events $total hours (%)$ $total hours (%)$ number of >= 8 h events $total hours (%)$ $total hours (%)$ number of >= 8 h events $total hours (%)$ $total hours (%)$ number of >= 8 h events $total hours (%)$ $total hours (%)$ number of >= 8 h events $total hours (%)$ $total hours (%)$ number of >= 8 h events $total hours (%)$ $total hours (%)$ number of >= 8 h events $total hours (%)$ $total hours (%)$ number of >= 8 h events $total hours (%)$ $total hours (%)$ number of >= 8 h events $total hours (%)$ $total hours (%)$ number of >= 8 h events $total hours (%)$ $total hours (%)$ number of >= 8 hours $total hours (%)$ $total hours (%)$ number of >= 8 hours	001	total bours (%)	100%	63%	16%	0%	0%
Now total hours (%) number of >= 8 h events 0 avg duration (h) 14 max duration (h) 54 avg temperature (F) 74.5 74.5 74.8		number of $>= 4$ h events	0	9	1070	070	070
Initial of or point of the original of		number of $>= 8$ h events	0	8	1		
Image duration (h) Image d		ava duration (b)	0	14	7		
avg temperature (F) 74.5 74.5 74.8 Nov total hours (%)		max duration (h)		54	42		
Nov total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h)		avg temperature (F)	74.5	74.5	74.8		
total hours (%)	Nov		1 110		1 110		
number of $>= 4$ h events		total hours (%)					
number of >= 8 h events		number of $>= 4$ h events					
avg duration (h) max duration (h) avg temperature (F)		number of >= 8 h events					
max duration (h)		avg duration (h)					
avg temperature (E)		max duration (h)					
		avg temperature (F)					
Dec	Dec			1		1	
total hours (%)		total hours (%)					
number of >= 4 h events		number of >= 4 h events					
number of >= 8 h events		number of >= 8 h events					
avg duration (h)		avg duration (h)					
max duration (h)		max duration (h)					
avg temperature (F)		avg temperature (F)					

	2002		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						
oun	total hours (%)	100%	62%	27%	12%	1%
	number of >= 4 h events	0	3	1	1	0
	number of >= 8 h events	0	3	1	1	0
	avg duration (h)		27	34	18	
	max duration (h)		57	34	18	
	avg temperature (F)	65.7	67.5	69.7	71.5	71.8
Feb					-	-
	total hours (%)	34%	8%	0%	0%	0%
	number of >= 4 h events	7	3			
	number of >= 8 h events	7	1			
	avg duration (h)	30	17			
	max duration (h)	95	37			
	avg temperature (F)	66.7	68.5			
Mar						
	total hours (%)	70%	50%	25%	2%	1%
	number of >= 4 h events	3	7	9	1	1
	number of >= 8 h events	3	6	8	1	0
	avg duration (h)	303	71	16	15	7
	max duration (h)	1139	216	42	15	7
	avg temperature (F)	70.1	71.0	71.7	74.9	74.9
Apr						
•	total hours (%)	100%	75%	46%	9%	0%
	number of >= 4 h events	1	8	13	4	
	number of >= 8 h events	1	6	9	2	
	avg duration (h)	262	34	18	6	
	max duration (h)	262	184	102	28	
	avg temperature (F)	72.5	72.6	73.0	73.3	
May	<u> </u>			1	1	
-	total hours (%)	88%	18%	0%	0%	0%
	number of >= 4 h events	16	9	0		
	number of >= 8 h events	16	6	0		
	avg duration (h)	21	8	3		
	max duration (h)	116	27	3		
	avg temperature (F)	74.4	74.8	76.9		
Jun	5 1 2 2 ()				1	1
	total hours (%)	66%	2%	0%	0%	0%
	number of >= 4 h events	20	2	0		
	number of >= 8 h events	16	0	0		
	avg duration (h)	11	2	3		
	max duration (h)	115	7	3		
	avg temperature (F)	76.3	77.3	77.7		

Table 70. Site 19 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002		Relative	Humidity Th	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
l. d						
Jui	total hours (%)	46%	2%	0%	0%	0%
	number of >-4 b events	18	2 /0	070	070	078
	number of $>= 8$ h events	10	0			
	avg duration (h)	.2	5			
	max duration (h)	35	7			
	avg temperature (F)	75.1	76.6			
Aug						
0	total hours (%)	61%	6%	0%	0%	0%
	number of >= 4 h events	22	3	0		
	number of >= 8 h events	13	1	0		
	avg duration (h)	9	5			
	max duration (h)	139	21			
	avg temperature (F)	75.7	75.4	76.1		
Sep			1		1	
	total hours (%)	60%	20%	1%	0%	0%
	number of >= 4 h events	13	7	2		
	number of >= 8 h events	11	6	0		
	avg duration (h)	21	16	5		
	max duration (h)	163	39	5		
	avg temperature (F)	76.1	77.6	77.8		
Oct						
	total hours (%)	82%	29%	6%	0%	0%
	number of >= 4 h events	7	6	1		
	number of >= 8 h events	5	2	1		
	avg duration (h)	25	7	26		
	max duration (h)	137	43	26		
	avg temperature (F)	73.9	74.2	74.1		
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2001		Relative	e Humidity T	hreshold			2001		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan							Jul						
	total hours (%)							total hours (%)	38%	2%	0%	0%	0%
	number of >= 4 h events							number of >= 4 h events	25	1			
	number of >= 8 h events							number of >= 8 h events	11	0			
	avg duration (h)							avg duration (h)	5	3			
	max duration (h)							max duration (h)	21	7			
	avg temperature (F)							avg temperature (F)	76.7	77.3			
Feb							Aug						
	total hours (%)							total hours (%)	51%	9%	0%	0%	0%
	number of >= 4 h events							number of >= 4 h events	26	3			
	number of >= 8 h events							number of >= 8 h events	13	3			
	avg duration (h)							avg duration (h)	8	6			
	max duration (h)							max duration (h)	260	20			
	avg temperature (F)							avg temperature (F)	76.1	75.5			
Mar							Sep						
	total hours (%)							total hours (%)	67%	16%	0%	0%	0%
	number of >= 4 h events							number of >= 4 h events	19	11	0		
	number of >= 8 h events							number of >= 8 h events	13	3	0		
	avg duration (h)							avg duration (h)	9	4	1		
	max duration (h)							max duration (h)	70	14	1		
	avg temperature (F)							avg temperature (F)	75.0	74.8	73.2		
Apr							Oct						
	total hours (%)							total hours (%)	66%	17%	1%	0%	0%
	number of >= 4 h events							number of >= 4 h events	22	8	0		
	number of >= 8 h events							number of >= 8 h events	18	6	0		
	avg duration (h)							avg duration (h)	13	6	1		
	max duration (h)							max duration (h)	95	33	2		
	avg temperature (F)		ļ				New	avg temperature (F)	74.0	73.1	73.2		
way	total hours (9()						NOV	total hours (0()	710/	1 4 0/	00/	09/	00/
	101a1 Hours (%)							101a1 Hours(%)	/1%	14%	0%	0%	0%
	number of $> = 4$ in events							number of $y = 4$ if events	12	4			
	number of >= on events							number of >= on events	9	2			
	max duration (h)							max duration (h)	70	15			
	ava tomporaturo (E)							ava tomporaturo (E)	73.0	72.2			
lun	avg temperature (r)						Dec	avg temperature (r)	75.9	75.5			
Juli	total hours (%)	47%	12%	1%	0%	0%	Dec	total hours (%)					
1	number of $>= 4$ h events	17	5	0	070	578		number of $>= 4 h events$					
	number of $>= 8 h events$	8	4	0	0			number of $>= 8 h events$					
	ava duration (h)	7	6	2	1			ava duration (h)					
1	max duration (h)	98	23	4	1			max duration (h)					
1	ave temperature (F)	76.4	76.7	76.0	75.2			ave temperature (F)					
		10.4	10.1	10.0	10.2				1		1		

Table 71. Site 20 Upstairs - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

Relative Humidity Threshold

	2001		Relative	Humidity T	hreshold			2
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)							
	number of >= 4 h events							num
	number of >= 8 h events							numl
ı.	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							Aug	
	total hours (%)							
	number of >= 4 h events							num
ı.	number of >= 8 h events							num
ı.	avg duration (h)							
ı.	max duration (h)							
1	avg temperature (F)							
Mar							Sep	
1	total hours (%)							
ı.	number of >= 4 h events							num
	number of >= 8 h events							numl
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							numl
1	number of >= 8 h events							numl
1	avg duration (h)							
	max duration (h)							
1	avg temperature (F)							
Мау							Nov	
	total hours (%)							
	number of >= 4 h events							numl
1	number of >= 8 h events							numl
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun							Dec	
	total hours (%)	29%	4%	0%	0%	0%		
	number of >= 4 h events	10	3					numl
1	number of >= 8 h events	7	1					num
1	avg duration (h)	8	5					
	max duration (h)	53	12					
	avg temperature (F)	75.1	75.3					

Table 72. Site 20 Upstairs - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

2001		Relative	Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lul.					
Jui total hours (%)	12%	0%	0%	0%	0%
number of $>= 4$ h events	12.70	078	070	078	070
number of >= 8 h events	1				
avg duration (h)	4				
max duration (h)	10				
avg temperature (F)	74.8				
Aug					
total hours (%)	22%	3%	0%	0%	0%
number of >= 4 h events	9	3			
number of >= 8 h events	2	0			
avg duration (h)	11	3			
max duration (h)	199	8			
avg temperature (F)	74.4	74.1			
Sep					
total hours (%)	47%	5%	0%	0%	0%
number of >= 4 h events	11	2			
number of >= 8 h events	8	0			
avg duration (h)	10	2			
max duration (h)	44	4			
avg temperature (F)	73.5	73.6			
Oct					
total hours (%)	40%	8%	0%	0%	0%
number of >= 4 h events	16	6			
number of >= 8 h events	14	3			
avg duration (h)	9	7			
max duration (h)	46	16			
avg temperature (F)	72.6	71.2			
Nov	470/	40/	00/	00/	00/
total nours (%)	47%	1%	0%	0%	0%
number of >= 4 if events	11	1			
number of $>= 0$ if events	9	0			
avg duration (h)	10	2			
	72.9	72.1			
avg temperature (F)	12.0	72.1			
total hours (%)					
number of >-4 b events					
number of >-8 b events					
ava duration (h)					
max duration (h)					
avg temperature (F)					
	1			1	1

Month Above 50% Above 65% Above 65% Above 65% Above 50% Above 50% Above 50% Above 65% Ab	2001		Relativ	e Humidity Thre	shold		2001		Relative	Humidity T	hreshold	
Jan Image: constraint of the second of the sec	Month	Above	50% Above 559	% Above 60% Ab	ove 65% Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jain total hours (%) Image: marked second s	lan					l. l						
Interform Interform <t< td=""><td>Jan total hours (%)</td><td>ooure (%)</td><td></td><td></td><td></td><td>Jui</td><td>total hours (%)</td><td>38%</td><td>20/</td><td>0%</td><td>0%</td><td>0%</td></t<>	Jan total hours (%)	ooure (%)				Jui	total hours (%)	38%	20/	0%	0%	0%
Inditide of b > 4 it revents 1 1 1 number of > 8 h events 1 0 1 avg duration (h) 1 1 1 1 avg duration (h) 1 1 0 1 avg duration (h) 1 1 0 1 avg duration (h) 1 1 0 1 avg temperature (F) 1 0 1 0 Feb	number of >-4 b events	h events					number of >-4 b events	25	2 /0	078	0 78	078
Maine of J=2 of events 11 0 11 0 avg duration (h) avg duration (h) avg duration (h) 5 3 1 avg temperature (F) avg temperature (F) 77.3 1 1 1 Feb avg temperature (F) 76.7 77.3 1 1 1 number of >= 4 h events avg temperature (F) 76.7 77.3 1 1 number of >= 4 h events 1 <t< td=""><td>number of $>= 8$ h events</td><td>h events</td><td></td><td></td><td></td><td></td><td>number of $>= 8$ h events</td><td>11</td><td>0</td><td></td><td></td><td></td></t<>	number of $>= 8$ h events	h events					number of $>= 8$ h events	11	0			
Area duration (h) Image: Constraint of the second sec	ava duration (b)	ration (h)					ava duration (b)	5	3			
Intex duation (ii) Intex duation (iii) Intex duation (iii) <thintex (iii)<="" duation="" th=""> Intex duation (iii)</thintex>	max duration (h)	ration (h)					max duration (h)	21	7			
Feb avg temperature (r)	ava topporaturo (E)	raturo (E)					ava tomporaturo (E)	76.7	77.3			
Mag total hours (%) fully total hours (%) 51% 9% 0% 0% number of >= 4 h events number of >= 4 h events 26 3	avg temperature (F)					Aug	avg temperature (F)	70.7	11.3			
Number of >= 4 h events Image: Second S	total hours (%)	00Ure (%)				Aug	total hours (%)	51%	0%	0%	0%	0%
number of >= 8 h events image: sevents	$r_{\rm control}$	h overte					$r_{\rm control}$	3170	370	078	078	078
Automotion (b) Image: Constraint of point of po	number of $>= 4$ if events	h ovente					number of $>= 8$ h events	13	3			
ary duration (h) ary duration (h) b b ary duration (h) b c ary duration (h) b c ary duration (h) ary duration (h) <td>number of >= off events</td> <td>ration (b)</td> <td></td> <td></td> <td></td> <td></td> <td>number of >= off events</td> <td>13</td> <td>5</td> <td></td> <td></td> <td></td>	number of >= off events	ration (b)					number of >= off events	13	5			
Intax duration (h) Intax duration (h) 200 20	avg duration (h)	ration (h)					avg duration (h)	260	20			
Mar Sep total hours (%) inumber of >= 4 h events number of >= 4 h events inumber of >= 4 h events avg duration (h) inumber of >= 8 h events avg duration (h) inumber of >= 8 h events avg temperature (F) inumber of >= 4 h events Apr inumber of >= 4 h events Oct inumber of >= 4 h events inumber of >= 8 h events inumber of >= 8 h events avg temperature (F) inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events avg temperature (F) inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h events inumber of >= 8 h eve	ava topporaturo (E)	raturo (E)					ava tomporaturo (E)	76.1	75.5			
Mail Corr Corr <th< td=""><td>avg temperature (F)</td><td></td><td></td><td></td><td></td><td>Son</td><td>avg temperature (F)</td><td>70.1</td><td>75.5</td><td></td><td></td><td></td></th<>	avg temperature (F)					Son	avg temperature (F)	70.1	75.5			
number of >= 4 h events inumber of >= 4 h events inumet ovents inumeto events <	total hours (%)	ooure (%)				Sep	total hours (%)	67%	16%	0%	0%	0%
Indifider of >= 4 frevents 11 0 number of >= 8 h events 13 3 0 avg duration (h) avg temperature (F) 14 1 Apr Oct Oct 0	$r_{\rm control}$	h overte					$r_{\rm control}$	10	10 /0	0/8	078	078
Autor of Parameters Image: Second s	number of $>= 4$ if events	h ovonte					number of $>= 8$ h events	13	3	0		
Ary duration (h) avg duration (h) avg duration (h) avg duration (h) avg temperature (F) avg temperature (F) 75.0 74.8 73.2	number of >= off events	ration (b)					number of >= off events	13	3	0		
avg temperature (F) Oct Oct Oct	avg duration (h)	ration (h)					avg duration (h)	3	4	1		
Apr Oct	niax duration (ii)	raturo (E)					niax duration (ii)	70	74 9	73.2		
	avg temperature (r.)					Oct	avg temperature (r)	75.0	74.0	13.2		
total hours (%) 66% 17% 1% 0% 0%	total hours (%)	00Ure (%)				001	total hours (%)	66%	17%	10/	0%	0%
r_{1} r_{2} r_{2} r_{3} r_{3	number of > -4 b events	h ovonte					r_{1}	22	17/0	170	0 /8	078
	number of $>= 4$ if events	h ovonte					number of $>= 8$ h events	19	6	0		
	ava duration (b)	ration (h)					ava duration (b)	13	6	1		
	avg duration (h)	ration (h)					avg duration (h)	15	33	2		
	ava temperature (F)	rature (F)					ava temperature (F)	74.0	73 1	73.2		
	Avg temperature (r)					Nov	avg temperature (r)	74.0	75.1	15.2		
total hours (%) 71% 14% 0% 0% 0%	total hours (%)					NOV	total hours (%)	71%	1/1%	0%	0%	0%
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	number of >-4 b events	h events					number of >-4 h events	12	1470	070	070	078
	number of $>= 8$ h events	h events					number of $>= 8$ h events	0				
	ava duration (b)	ration (h)					ava duration (h)	14	5			
	max duration (h)	ration (h)					max duration (h)	70	15			
	ava topporaturo (E)	raturo (E)					ava tomporaturo (E)	73.0	73.3			
lun	lun					Dec	avg temperature (r)	15.5	75.5			
total hours (%) 47% 12% 1% 0% 0% total hours (%)	total hours (%)	ours (%)	7% 129	6 1%	0% 0%	200	total hours (%)					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	number of >-4 b events	h events	17	5 0	0/0 0/0		number of >-4 h events					
	number of >-8 h events	h events	8	4 0	0		number of >-8 h events					
	avg duration (h)	ration (h)	7	6 2	1		ava duration (h)		<u></u>			
max duration (h) 98 23 4 1 max duration (h)	max duration (h)	ration (h)		3 4	1		max duration (h)		<u></u>			
avg temperature (F) 76.4 76.7 76.0 75.2 avg temperature (F)	avg temperature (F)	rature (F)	6.4 76	7 76.0	75.2		avg temperature (F)					

Table 73. Site 20 Downstairs - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

	2001		Relative Humidity Threshold		2001		Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60% A	bove 65%	6 Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan							Jul						
	total hours (%)							total hours (%)	12%	0%	0%	0%	0%
	number of >= 4 h events							number of >= 4 h events	11				
	number of >= 8 h events							number of >= 8 h events	1				
	avg duration (h)							avg duration (h)	4				
	max duration (h)							max duration (h)	10				
	avg temperature (F)							avg temperature (F)	74.8				
Feb							Aug						
	total hours (%)							total hours (%)	22%	3%	0%	0%	0%
	number of >= 4 h events							number of >= 4 h events	9	3			
	number of >= 8 h events							number of >= 8 h events	2	0			
	avg duration (h)							avg duration (h)	11	3			
	max duration (h)							max duration (h)	199	8			
	avg temperature (F)							avg temperature (F)	74.4	74.1			
Mar							Sep						
	total hours (%)							total hours (%)	47%	5%	0%	0%	0%
	number of >= 4 h events							number of >= 4 h events	11	2			
	number of >= 8 h events							number of >= 8 h events	8	0			
	avg duration (h)							avg duration (h)	10	2			
	max duration (h)							max duration (h)	44	4			
	avg temperature (F)							avg temperature (F)	73.5	73.6			
Apr			1				Oct						
	total hours (%)							total hours (%)	40%	8%	0%	0%	0%
	number of >= 4 h events							number of >= 4 h events	16	6			
	number of >= 8 h events							number of >= 8 h events	14	3			
	avg duration (h)							avg duration (h)	9	7			
	max duration (h)							max duration (h)	46	16			
	avg temperature (F)							avg temperature (F)	72.6	71.2			
Мау							Nov						
	total hours (%)							total hours (%)	47%	1%	0%	0%	0%
	number of >= 4 h events							number of >= 4 h events	11	1			
	number of >= 8 h events							number of >= 8 h events	9	0			
	avg duration (h)							avg duration (h)	10	2			
	max duration (h)							max duration (n)	21	4			
l	avg temperature (F)	-						avg temperature (F)	72.8	72.1			
Jun	total basis (0/)	000/	40/	001	00/	001	Dec	total have (0/)			1		
	total nours (%)	29%	4%	0%	0%	0%		total nours (%)					
	number of >= 4 n events	10	3					number of >= 4 n events					
		/	1										
	avy duration (n)	8	5					avy duration (h)					
	max duration (n)	53	75.0					max uuradon (n)					
	avg temperature (F)	/5.1	/5.3					avg temperature (F)	1				

Table 74. Site 20 Downstairs - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

	2002		Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
lan									
Jan	total hours (%)	83%	70%	48%	9%	1%			
	number of $>= 4$ h events	1	3	4	2	0			
	number of $>= 8$ h events	1	2	4	0	0			
	avg duration (h)	125	35	17	4	1			
	max duration (h)	125	100	45	8	1			
	avg temperature (F)	72.2	72.7	73.6	73.9	73.6			
Feb			1						
	total hours (%)	41%	20%	7%	2%	0%			
	number of >= 4 h events	10	4	1	0	0			
	number of >= 8 h events	6	3	1	0	0			
	avg duration (h)	14	7	3	2	1			
	max duration (h)	105	65	21	3	1			
	avg temperature (F)	70.8	71.7	70.6	70.6	66.7			
Mar									
	total hours (%)	72%	51%	19%	3%	1%			
	number of >= 4 h events	9	17	11	1	0			
	number of >= 8 h events	9	15	6	1	0			
	avg duration (h)	51	13	6	2	1			
	max duration (h)	214	60	30	9	1			
	avg temperature (F)	72.1	72.3	72.1	72.2	69.4			
Apr				°					
	total hours (%)	86%	51%	19%	6%	1%			
	number of >= 4 h events	23	24	12	2	0			
	number of >= 8 h events	18	20	5	2	0			
	avg duration (h)	15	9	6	4	1			
	max duration (h)	117	44	22	15	2			
	avg temperature (F)	76.1	75.8	74.5	73.6	71.5			
May									
	total hours (%)	48%	14%	1%	0%	0%			
	number of >= 4 h events	26	7	0					
	number of >= 8 h events	18	3	0					
	avg duration (h)	8	9	1					
	max duration (h)	134	96	1					
	avg temperature (F)	79.2	82.9	73.5					
Jun									
	total hours (%)	46%	18%	3%	0%	0%			
ĺ	number of >= 4 h events	20	6	3					
Í	number of >= 8 h events	9	2	1					
ĺ	avg duration (h)	9	4	5					
	max duration (h)	38	11	11					
	avg temperature (F)	82.2	85.5	86.1					

Table 75. Site 20 Upstairs - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

	2002		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Int						•
Jui	total hours (%)	31%	7%	1%	0%	0%
	number of $>= 4$ h events	13	2	0	0,0	070
	number of $>= 8$ h events	8	2	0		
	avg duration (h)	5	3	1		
	max duration (h)	25	12	2		
	avg temperature (F)	78.9	78.6	76.6		
Aug	U					
-	total hours (%)	28%	8%	1%	0%	0%
	number of >= 4 h events	17	5	1		
	number of >= 8 h events	9	2	0		
	avg duration (h)	5	4	2		
	max duration (h)	36	15	5		
	avg temperature (F)	79.6	79.0	78.4		
Sep						
-	total hours (%)	52%	19%	3%	0%	0%
	number of >= 4 h events	21	9	2		
	number of >= 8 h events	17	4	0		
	avg duration (h)	10	4	2		
	max duration (h)	60	18	6		
	avg temperature (F)	78.0	77.8	78.3		
Oct						
	total hours (%)	78%	41%	15%	3%	0%
	number of >= 4 h events	13	10	4	1	0
	number of >= 8 h events	7	8	1	0	0
	avg duration (h)	16	11	6	2	1
	max duration (h)	115	45	28	4	1
	avg temperature (F)	75.1	73.8	73.7	72.6	75.9
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2002	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jan									
	total hours (%)	78%	60%	25%	0%	0%			
	number of >= 4 h events	1	4	5					
	number of >= 8 h events	1	4	2					
	avg duration (h)	60	24	8					
	max duration (h)	117	65	24					
	avg temperature (F)	71.3	71.8	72.6					
Feb									
	total hours (%)	19%	4%	0%	0%	0%			
	number of >= 4 h events	4	1	0					
	number of >= 8 h events	3	1	0					
	avg duration (h)	19	8	1					
	max duration (h)	43	22	1					
	avg temperature (F)	70.5	70.3	66.6					
Mar									
	total hours (%)	59%	26%	1%	0%	0%			
	number of >= 4 h events	16	14	0					
	number of >= 8 h events	14	9	0					
	avg duration (h)	20	9	1					
	max duration (h)	67	35	3					
	avg temperature (F)	71.2	71.7	72.9					
Apr			·						
	total hours (%)	61%	17%	3%	0%	0%			
	number of >= 4 h events	26	8	2					
	number of >= 8 h events	21	5	2					
	avg duration (h)	11	7	8					
	max duration (h)	69	22	11					
	avg temperature (F)	74.2	73.0	72.3					
May									
	total hours (%)	20%	0%	0%	0%	0%			
	number of >= 4 h events	14							
	number of >= 8 h events	4							
	avg duration (h)	9							
	max duration (h)	97							
	avg temperature (F)	80.4							
Jun									
	total hours (%)	23%	4%	0%	0%	0%			
	number of >= 4 h events	9	3						
	number of >= 8 h events	5	2						
	avg duration (h)	11	8						
	max duration (h)	27	15						
	avg temperature (F)	82.2	85.5						

Table 76. Site 20 Upstairs - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Int						
Jui	total hours (%)	12%	2%	0%	0%	0%
	number of $>= 4$ h events	,.	1	0,0	0,0	0,0
	number of >= 8 h events	5	1			
	avg duration (h)	4	5			
	max duration (h)	14	9			
	avg temperature (F)	77.4	78.0			
Aug	U					
	total hours (%)	10%	2%	0%	0%	0%
	number of >= 4 h events	3	2			
	number of >= 8 h events	1	0			
	avg duration (h)	4	6			
	max duration (h)	32	7			
	avg temperature (F)	78.6	78.7			
Sep						
	total hours (%)	29%	5%	0%	0%	0%
	number of >= 4 h events	16	3			
	number of >= 8 h events	8	0			
	avg duration (h)	8	4			
	max duration (h)	59	8			
	avg temperature (F)	76.5	76.4			
Oct						
	total hours (%)	59%	24%	6%	0%	0%
	number of >= 4 h events	13	4	2		
	number of >= 8 h events	9	3	2		
	avg duration (h)	16	13	5		
	max duration (h)	63	37	10		
	avg temperature (F)	73.7	72.9	74.0		
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2002		Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jan									
	total hours (%)	83%	70%	48%	9%	1%			
	number of >= 4 h events	1	3	4	2	0			
	number of >= 8 h events	1	2	4	0	0			
	avg duration (h)	125	35	17	4	1			
	max duration (h)	125	100	45	8	1			
	avg temperature (F)	72.2	72.7	73.6	73.9	73.6			
Feb									
	total hours (%)	41%	20%	7%	2%	0%			
	number of >= 4 h events	10	4	1	0	0			
	number of >= 8 h events	6	3	1	0	0			
	avg duration (h)	14	7	3	2	1			
	max duration (h)	105	65	21	3	1			
	avg temperature (F)	70.8	71.7	70.6	70.6	66.7			
Mar									
	total hours (%)	72%	51%	19%	3%	1%			
	number of >= 4 h events	9	17	11	1	0			
	number of >= 8 h events	9	15	6	1	0			
	avg duration (h)	51	13	6	2	1			
	max duration (h)	214	60	30	9	1			
	avg temperature (F)	72.1	72.3	72.1	72.2	69.4			
Apr									
	total hours (%)	86%	51%	19%	6%	1%			
	number of >= 4 h events	23	24	12	2	0			
	number of >= 8 h events	18	20	5	2	0			
	avg duration (h)	15	9	6	4	1			
	max duration (h)	117	44	22	15	2			
	avg temperature (F)	76.1	75.8	74.5	73.6	71.5			
May									
	total hours (%)	48%	14%	1%	0%	0%			
	number of >= 4 h events	26	7	0					
	number of >= 8 h events	18	3	0					
	avg duration (h)	8	9	1					
	max duration (h)	134	96	1					
	avg temperature (F)	79.2	82.9	73.5					
Jun									
	total hours (%)	46%	18%	3%	0%	0%			
	number of >= 4 h events	20	6	3					
	number of >= 8 h events	9	2	1					
	avg duration (h)	9	4	5					
	max duration (h)	38	11	11					
1	avg temperature (F)	82.2	85.5	86.1					

Table 77. Site 20 Downstairs - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
1.1					
total hours (%	() 31%	7%	1%	0%	0%
number of $>= 4$ h even	ts 13	2	0	070	070
number of $>= 8$ h even	ts 8	2	0		
avg duration (n) 5	3	1		
max duration (n) 25	12	2		
avg temperature (-) 78.9	78.6	76.6		
Aug	/				
total hours (%	6) 28%	8%	1%	0%	0%
number of $>= 4$ h even	ts 17	5	1		
number of >= 8 h even	ts 9	2	0		
avg duration (n) 5	4	2		
max duration (n) 36	15	5		
avg temperature (-) 79.6	79.0	78.4		
Sep	/				
total hours (%	6) 52%	19%	3%	0%	0%
number of >= 4 h even	ts 21	9	2		
number of >= 8 h even	ts 17	4	0		
avg duration (n) 10	4	2		
max duration (n) 60	18	6		
avg temperature (-) 78.0	77.8	78.3		
Oct	,		1		
total hours (%	6) 78%	41%	15%	3%	0%
number of >= 4 h even	ts 13	10	4	1	0
number of >= 8 h even	ts 7	8	1	0	0
avg duration (n) 16	11	6	2	1
max duration (n) 115	45	28	4	1
avg temperature (-) 75.1	73.8	73.7	72.6	75.9
Nov					
total hours (%	6)				
number of >= 4 h even	ts				
number of >= 8 h even	ts				
avg duration (n)				
max duration (n)				
avg temperature (I	=)				
Dec				•	
total hours (%	6)				
number of >= 4 h even	ts				
number of >= 8 h even	ts				
avg duration (n)				
max duration (n)				
avg temperature (-)				

	2002	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70°			
Jan									
	total hours (%)	78%	60%	25%	0%	0%			
	number of >= 4 h events	1	4	5					
	number of >= 8 h events	1	4	2					
	avg duration (h)	60	24	8					
	max duration (h)	117	65	24					
	avg temperature (F)	71.3	71.8	72.6					
Feb									
	total hours (%)	19%	4%	0%	0%	0%			
	number of >= 4 h events	4	1	0					
	number of >= 8 h events	3	1	0					
	avg duration (h)	19	8	1					
	max duration (h)	43	22	1					
	avg temperature (F)	70.5	70.3	66.6					
Mar									
	total hours (%)	59%	26%	1%	0%	0%			
	number of >= 4 h events	16	14	0					
	number of >= 8 h events	14	9	0					
	avg duration (h)	20	9	1					
	max duration (h)	67	35	3					
	avg temperature (F)	71.2	71.7	72.9					
Apr			·		·				
	total hours (%)	61%	17%	3%	0%	0%			
	number of >= 4 h events	26	8	2					
	number of >= 8 h events	21	5	2					
	avg duration (h)	11	7	8					
	max duration (h)	69	22	11					
	avg temperature (F)	74.2	73.0	72.3					
May						-			
	total hours (%)	20%	0%	0%	0%	0%			
	number of >= 4 h events	14							
	number of >= 8 h events	4							
	avg duration (h)	9							
	max duration (h)	97							
	avg temperature (F)	80.4							
Jun									
	total hours (%)	23%	4%	0%	0%	0%			
	number of >= 4 h events	9	3						
	number of >= 8 h events	5	2						
	avg duration (h)	11	8						
	max duration (h)	27	15						
	avg temperature (F)	82.2	85.5						

Table 78. Site 20 Downstairs - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	2002		Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
Jul	(-(-))	4.00/	00/	00/	00/	00/				
	total nours (%)	12%	2%	0%	0%	0%				
	number of $>= 4$ n events	6	1							
	number of $>= 8$ n events	5	1							
	avg duration (h)	4	5							
	max duration (n)	77.4	9							
Aug	avg temperature (F)	11.4	78.0							
Aug	total hours (%)	10%	20/	0%	0%	0%				
	101a110015(%)	10%	270	076	0%	076				
	number of $>= 4$ if events	3	2							
	$\frac{1}{2} = 0 + \frac{1}{2} = 0 + $	1	0							
	avy duration (I)	4	7							
	ava tomporaturo (E)	78.6	78 7							
Son	avy temperature (1)	70.0	70.7							
oep	total hours (%)	20%	5%	0%	0%	0%				
	number of >-4 h events	16	3/0	070	078	070				
	number of $>= 8$ h events	8	0							
	ava duration (b)	8	4							
	max duration (h)	59	8							
	avg temperature (F)	76.5	76.4							
Oct		10.0	10.1							
	total hours (%)	59%	24%	6%	0%	0%				
	number of $>= 4$ h events	13	4	2						
	number of $>= 8$ h events	9	3	2						
	avg duration (h)	16	13	5						
	max duration (h)	63	37	10						
	avg temperature (F)	73.7	72.9	74.0						
Nov	6 1 ()									
	total hours (%)									
	number of >= 4 h events									
	number of >= 8 h events									
	avg duration (h)									
	max duration (h)									
	avg temperature (F)									
Dec										
	total hours (%)									
	number of >= 4 h events									
	number of >= 8 h events									
	avg duration (h)									
	max duration (h)									
	avg temperature (F)									

	2000	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar								
	total hours (%)							
	number of $>= 4$ h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
Apr	avg temperature (F)							
Арі	total bours $(9/)$							
	101a1 Hours(%)							
	number of $>= 8$ h events							
	number of $>=$ of the vents							
	max duration (h)							
	ava temperature (F)							
May								
may	total hours (%)							
	number of $>= 4$ h events							
	number of $>= 8$ h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun	(i)		1	1	1			
	total hours (%)	100%	87%	3%	0%	0%		
	number of >= 4 h events	0	13	1				
	number of >= 8 h events	0	9	1				
	avg duration (h)		33	4				
	max duration (h)		169	16				
	avg temperature (F)	74.4	74.4	74.9				

Table 79. Site 21 - Indoor RH Data by month and threshold level for 2000 (HIGHEST humidity in any space)

	2000		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
11						
Jui	total hours (%)	94%	12%	2%	0%	0%
	number of >-4 b events	11	42 /0	2 /0	070	070
	number of $>= 8$ h events	9	5	0		
	ava duration (h)	19	19	1		
	max duration (h)	95	91	1		
	avg temperature (F)	76.0	75.8	75.1		
Aua	ang temperatare (r /	. 0.0	1010			
	total hours (%)	35%	0%	0%	0%	0%
	number of >= 4 h events	25				
	number of >= 8 h events	13				
	avg duration (h)	6				
	max duration (h)	46				
	avg temperature (F)	76.9				
Sep						
-	total hours (%)	96%	6%	0%	0%	0%
	number of >= 4 h events	8	4			
	number of >= 8 h events	4	3			
	avg duration (h)	89	3			
	max duration (h)	798	12			
	avg temperature (F)	75.6	75.4			
Oct						
	total hours (%)	92%	55%	35%	21%	7%
	number of >= 4 h events	2	16	7	7	3
	number of >= 8 h events	2	8	5	5	1
	avg duration (h)	253	22	27	13	7
	max duration (h)	368	263	149	88	32
	avg temperature (F)	73.7	73.7	73.3	73.5	73.8
Nov						
	total hours (%)	100%	97%	86%	43%	12%
	number of >= 4 h events	0	1	4	5	2
	number of >= 8 h events	0	1	2	3	1
	avg duration (h)		347	77	25	5
	max duration (h)		347	287	141	29
	avg temperature (F)	71.7	71.8	72.1	73.9	74.0
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

2000			Relative		2000			
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)							
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							rr
1	avg temperature (F)							avg t
Feb							Aug	
	total hours (%)							
	number of >= 4 h events							number of
	number of >= 8 h events							number of
	avg duration (h)							a
	max duration (h)							m
0	avg temperature (F)							avg t
Mar			1				Sep	
	total hours (%)							
	number of >= 4 h events							number o
	number of >= 8 h events							number o
	avg duration (h)							a
	max duration (h)							m
A	avg temperature (F)						0.01	avg t
Apr	(-1-1)(0()						Oct	
	total nours (%)							numbere
	number of $>= 4$ n events							number of
	number of >= 8 n events							
	avg duration (h)							a ~
	ava temperature (F)							n avet
May	avg temperature (r)			l			Nov	avyt
way	total hours (%)						NOV	
	number of $>= 4$ h events							number o
	number of $>= 8$ h events							number o
	ava duration (h)							a
	max duration (h)							m
	avg temperature (F)							avo t
Jun							Dec	
	total hours (%)	100%	87%	3%	0%	0%		
	number of >= 4 h events	0	13	1				number o
	number of >= 8 h events	0	9	1				number o
	avg duration (h)		33	4				a
	max duration (h)		169	16	i			rr
1	avg temperature (F)	74.4	74.4	74.9				avg t

Table 80. Site 21 - Indoor RH Data by month and threshold level for 2000 (AVERAGE of all spaces)

2000		Relative	Humidity T	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
total hours (%)	94%	42%	2%	0%	0%
number of >= 4 h events	11	10	0		
number of >= 8 h events	9	5	0		
avg duration (h)	19	19	1		
max duration (h)	95	91	1		
avg temperature (F)	76.0	75.8	75.1		
Aug	250/	00/	00/	00/	00/
total hours (%)	35%	0%	0%	0%	0%
number of $>= 4$ n events	25				
number of ≥ 8 n events	13				
avg duration (n)	6				
	40				
avg temperature (F)	76.9				
total hours (%)	06%	6%	0%	0%	0%
1000000000000000000000000000000000000	90%	0%	0%	076	076
number of $>= 8$ h events	0	4			
number of >= on events	4	3			
avy duration (h)	709	12			
ava temperature (E)	756	75.4			
Oct	75.0	73.4			
total bours (%)	92%	55%	35%	21%	7%
number of >-4 h events	2	16	7	7	3
number of $>= 8$ h events	2	8	5	5	1
ava duration (h)	253	22	27	13	7
max duration (h)	368	263	149	88	32
avg temperature (F)	73.7	73.7	73.3	73.5	73.8
Nov					
total hours (%)	100%	97%	86%	43%	12%
number of >= 4 h events	0	1	4	5	2
number of >= 8 h events	0	1	2	3	1
avg duration (h)		347	77	25	5
max duration (h)		347	287	141	29
avg temperature (F)	71.7	71.8	72.1	73.9	74.0
Dec					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar			1	1				
	total hours (%)	87%	61%	30%	17%	3%		
	number of >= 4 h events	3	4	2	2			
	number of >= 8 h events	3	3	2	2	(
	avg duration (h)	59	31	33	12	Į		
	max duration (h)	100	74	49	17	Ę		
	avg temperature (F)	70.5	71.1	72.4	73.9	73.7		
Apr					·			
	total hours (%)	86%	63%	17%	4%	2%		
	number of >= 4 h events	6	13	8	2			
	number of >= 8 h events	4	9	4	1			
	avg duration (h)	87	31	8	12	Ę		
	max duration (h)	410	157	33	19	ę		
	avg temperature (F)	73.5	73.7	73.2	73.2	73.1		
May								
	total hours (%)	66%	28%	14%	2%	0%		
	number of >= 4 h events	14	4	3	2			
	number of >= 8 h events	5	2	3	0			
	avg duration (h)	6	14	15	2			
	max duration (h)	20	66	46	4			
	avg temperature (F)	73.6	73.5	73.4	73.5			
Jun								
	total hours (%)	52%	11%	0%	0%	0%		
	number of >= 4 h events	10	10					
	number of >= 8 h events	7	3					
	avg duration (h)	11	5					
	max duration (h)	138	13					
	avg temperature (F)	78.2	78.5					

Table 81. Site 21 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

	2001		Relative	Humidity T	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Int						
Jui	total hours (%)	13%	0%	0%	0%	0%
	number of $>= 4$ h events	9	070	070	070	070
	number of $>= 8$ h events	1				
	avg duration (h)	2				
	max duration (h)	10				
	avg temperature (F)	76.9				
Aua						
J	total hours (%)	20%	0%	0%	0%	0%
	number of >= 4 h events	14	0			
	number of >= 8 h events	4	0			
	avg duration (h)	4	1			
	max duration (h)	19	1			
	avg temperature (F)	76.2	75.9			
Sep			1	1		
-	total hours (%)	78%	0%	0%	0%	0%
	number of >= 4 h events	4				
	number of >= 8 h events	4				
	avg duration (h)	16				
	max duration (h)	22				
	avg temperature (F)	77.9				
Oct						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb		1						
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar		1						
	total hours (%)	87%	61%	30%	17%	3%		
	number of >= 4 h events	3	4	2	2			
	number of >= 8 h events	3	3	2	2	(
	avg duration (h)	59	31	33	12	Į		
	max duration (h)	100	74	49	17	ł		
	avg temperature (F)	70.5	71.1	72.4	73.9	73.7		
Apr			•	•	•			
-	total hours (%)	86%	63%	17%	4%	2%		
	number of >= 4 h events	6	13	8	2			
	number of >= 8 h events	4	9	4	1			
	avg duration (h)	87	31	8	12	Ę		
	max duration (h)	410	157	33	19	ç		
	avg temperature (F)	73.5	73.7	73.2	73.2	73.1		
May					•			
	total hours (%)	66%	28%	14%	2%	0%		
	number of >= 4 h events	14	4	3	2			
	number of >= 8 h events	5	2	3	0			
	avg duration (h)	6	14	15	2			
	max duration (h)	20	66	46	4			
	avg temperature (F)	73.6	73.5	73.4	73.5			
Jun								
	total hours (%)	52%	11%	0%	0%	0%		
	number of >= 4 h events	10	10					
	number of >= 8 h events	7	3					
	avg duration (h)	11	5					
	max duration (h)	138	13					
	avg temperature (F)	78.2	78.5					

Table 82. Site 21 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

	2001		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul						
	total hours (%)	13%	0%	0%	0%	0%
	number of >= 4 h events	9				
	number of >= 8 h events	1				
	avg duration (h)	2				
	max duration (h)	10				
	avg temperature (F)	76.9				
Aug						
	total hours (%)	20%	0%	0%	0%	0%
	number of >= 4 h events	14	0			
	number of >= 8 h events	4	0			
	avg duration (h)	4	1			
	max duration (h)	19	1			
	avg temperature (F)	76.2	75.9			
Sep						
	total hours (%)	78%	0%	0%	0%	0%
	number of >= 4 h events	4				
	number of >= 8 h events	4				
	avg duration (h)	16				
	max duration (h)	22				
	avg temperature (F)	77.9				
Oct						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Nov						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2000	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Mont
lan							Jul
oun	total hours (%)						U u
	number of $>= 4$ h events						
	number of $>= 8$ h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb							Aug
•••	total hours (%)						
	number of $>= 4$ h events						
	number of $>= 8$ h events						
	ava duration (b)						
	max duration (h)						
	ava temperature (F)						
Mar	avg temperature (r)						Son
viai	total bours (%)						Och
	number of > -4 b events						
	number of $>= 8$ h events						
	number of $>=$ of the vents						
	avy duration (h)						
	max duration (n)						
Anr	avg temperature (r)						Oct
чрі	total bours (9/)						001
	101a110015(%)						
	number of $> = 9$ h events						
	number of >= off events						
	avg duration (n)						
	max duration (n)						
Maria	avg temperature (F)						Neur
way			1	1	1		NOV
	total nours (%)						
	number of >= 4 h events						
	number of >= 8 n events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Jun	La (- 1 1,	0000	0401	001	001	001	Dec
	total hours (%)	92%	31%	3%	0%	0%	
	number of >= 4 h events	11	8	1	0		
	number of >= 8 h events	10	6	1	0		
	avg duration (h)	39	9	4	1		
	max duration (h)	117	65	10	1		
	avg temperature (F)	72.5	73.3	73.4	75.9		

Table 83. Site 22 - Indoor RH Data by month and threshold level for 2000 (HIGHEST humidity in any space)

2000		Relative	Humidity TI	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
hul					
total hours (%)	96%	77%	40%	1%	0%
number of $>= 4$ b events	3078	12	18	2	078
number of $>= 8$ h events	7	11	15	0	0
avg duration (h)	101	48	14	7	
max duration (h)	564	277	35	8	
avg temperature (F)	74.3	74.2	73.5	74.0	83.0
Aug				-	
total hours (%)	72%	36%	8%	0%	0%
number of >= 4 h events	22	13	6		
number of >= 8 h events	21	12	1		
avg duration (h)	18	20	7		
max duration (h)	46	129	27		
avg temperature (F)	78.1	77.1	76.3		
Sep					
total hours (%)	100%	97%	74%	25%	3%
number of >= 4 h events	0	7	21	14	3
number of >= 8 h events	0	6	16	8	1
avg duration (h)		109	26	10	5
max duration (h)		319	275	49	9
avg temperature (F)	75.2	75.2	75.5	76.1	77.7
Oct	1000/	000/	000/	1100	10/
total hours (%)	100%	93%	60%	11%	1%
number of >= 4 n events	0	5	3	4	0
number or >= 8 n events	0	5	2	3	0
avg duration (n)		37	47	8	4
	74.5	74.6	201	20	4
avg temperature (F)	74.5	74.0	75.4	70.0	11.1
total hours (%)	100%	100%	69%	11%	0%
number of $>= 4$ h events	100 /0	100 /8	5	2	070
number of $>= 8$ h events	0	0	4	2	
avg duration (h)		0	35	13	
max duration (h)			171	28	
avg temperature (F)	72.3	72.3	73.9	76.0	
Dec					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
		-	-	-	-

	2000	Relative Humidity Threshold					2000	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
•	total hours (%)						• •	total hours
	number of >= 4 h events							number of >= 4 h ev
	number of >= 8 h events							number of $>= 8 h e$
	avg duration (h)	-						avg duratio
	max duration (h)							max duratio
	avg temperature (F)							avg temperatur
Feb	3 1		1	1			Aug	J
	total hours (%)						Ū.	total hours
	number of >= 4 h events							number of >= 4 h ev
	number of >= 8 h events							number of >= 8 h ev
	avg duration (h)							avg duratio
	max duration (h)							max duratio
	avg temperature (F)							avg temperatur
Mar							Sep	
	total hours (%)						-	total hours
	number of >= 4 h events							number of >= 4 h ev
	number of >= 8 h events							number of >= 8 h ev
	avg duration (h)							avg duratio
	max duration (h)							max duratio
ı.	avg temperature (F)							avg temperatur
Apr							Oct	
	total hours (%)							total hours
	number of >= 4 h events							number of >= 4 h ev
	number of >= 8 h events							number of >= 8 h ev
	avg duration (h)							avg duratio
	max duration (h)							max duratio
	avg temperature (F)							avg temperatur
May							Nov	
	total hours (%)							total hours
	number of >= 4 h events							number of >= 4 h ev
	number of >= 8 h events							number of >= 8 h ev
	avg duration (h)							avg duratio
	max duration (h)							max duratio
	avg temperature (F)							avg temperatur
Jun							Dec	
	total hours (%)	92%	31%	3%	0%	0%		total hours
	number of >= 4 h events	11	8	1	0			number of >= 4 h ev
	number of >= 8 h events	10	6	1	0			number of >= 8 h ev
	avg duration (h)	39	9	4	1			avg duratio
	max duration (h)	117	65	10	1			max duratio
1	avg temperature (F)	72.5	73.3	73.4	75.9			avg temperatur

Table 84. Site 22 - Indoor RH Data by month and threshold level for 2000 (AVERAGE of all spaces)

Jul total hours (%) number of >= 4 h events 96% 77% 40% 1% 0% number of >= 4 h events 7 11 15 0 0 avg duration (h) 101 48 14 7 0 83.0 Aug avg temperature (F) 74.3 74.2 73.5 74.0 83.0 Aug total hours (%) 72% 36% 8% 0% 0% number of >= 4 h events 22 13 6 0 0 number of >= 8 h events 21 12 1 0 0% 0% number of >= 4 h events 0 7 21 14 3 number of >= 4 h events 0 7 21 14 3 number of >= 4 h events 0 7 21 14 3 number of >= 8 h events 0 7 21 14 3 number of >= 4 h events 0 7 21 14 3 number of	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
total hours (%) number of >= 4 h events 96% 77% 40% 1% 0% number of >= 4 h events 7 12 18 2 0 arg duration (h) 101 48 14 7 0 0 arg temperature (F) 74.3 74.2 73.5 74.0 83.0 Aug	Jul					
number of >= 4 h events 7 12 18 2 0 number of >= 8 h events 7 11 15 0 0 avg duration (h) 101 48 14 7 0 0 max duration (h) 564 277 35 8 0 0 avg temperature (F) 74.3 74.2 73.5 74.0 83.0 Aug total hours (%) 72% 36% 8% 0% 0% number of >= 4 h events 22 13 6 0 0 10 <td>total hours (%)</td> <td>96%</td> <td>77%</td> <td>40%</td> <td>1%</td> <td>0%</td>	total hours (%)	96%	77%	40%	1%	0%
number of >= 8 h events avg duration (h) 7 11 15 0 0 max duration (h) 564 277 35 8 - avg temperature (F) 74.3 74.2 73.5 74.0 83.0 Aug total hours (%) 72% 36% 8% 0% 0% number of >= 4 h events 22 13 6 - - - number of >= 8 h events 21 12 1 - - - avg temperature (F) 78.1 77.1 76.3 - - - startion (h) 46 129 27 -	number of $>= 4$ h events	7	12	18	2	0
avg duration (h) 101 48 14 7 max duration (h) 564 277 35 8 avg temperature (F) 74.3 74.2 73.5 74.0 83.0 Aug total hours (%) 72% 36% 8% 0% 0% number of >= 4 h events 22 13 6 - - avg duration (h) 18 20 7 - - max duration (h) 16 129 27 - - avg temperature (F) 78.1 77.1 76.3 - - Sep	number of >= 8 h events	7	11	15	0	0
max duration (h) 564 277 35 8 avg temperature (F) 74.3 74.2 73.5 74.0 83.0 Aug total hours (%) 72% 36% 8% 0% 0% number of >= 4 h events 22 13 6 1 1 1 avg duration (h) 18 20 7 1 <td>avg duration (h)</td> <td>101</td> <td>48</td> <td>14</td> <td>7</td> <td></td>	avg duration (h)	101	48	14	7	
avg temperature (F) 74.3 74.2 73.5 74.0 83.0 Aug total hours (%) 72% 36% 8% 0% 0% number of >= 4 h events 22 13 6 avg duration (h) 18 20 7	max duration (h)	564	277	35	8	
Aug $$	avg temperature (F)	74.3	74.2	73.5	74.0	83.0
total hours (%) 72% 36% 8% 0% 0% number of >= 4 h events 22 13 6 number of >= 8 h events 21 12 1 avg duration (h) 18 20 7 max duration (h) 46 129 27 avg temperature (F) 78.1 77.1 76.3 Sep total hours (%) 100% 97% 74% 25% 3% number of >= 4 h events 0 7 21 14 3 number of >= 4 h events 0 6 16 8 1 avg duration (h) 319 275 49 9 9 avg temperature (F) 75.2 75.5 76.1 77.7 Oct total hours (%) 100% 93% 60% 11% 1% number of >= 8 h events 0 5 2 3	Aug					
number of >= 4 h events 22 13 6 number of >= 8 h events 21 12 1	total hours (%)	72%	36%	8%	0%	0%
number of s= 8 h events avg duration (h) 21 12 1 avg duration (h) 18 20 7	number of >= 4 h events	22	13	6		
avg duration (h) 18 20 7 max duration (h) 46 129 27 avg temperature (F) 78.1 77.1 76.3 Sep	number of >= 8 h events	21	12	1		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	avg duration (h)	18	20	7		
avg temperature (F) 78.1 77.1 76.3 Sep total hours (%) 100% 97% 74% 25% 3% number of >= 4 h events 0 7 21 114 3 number of >= 8 h events 0 6 16 8 1 avg duration (h) 109 26 10 5 max duration (h) 319 275 49 9 avg temperature (F) 75.2 75.5 76.1 77.7 Oct	max duration (h)	46	129	27		
Sep total hours (%) 100% 97% 74% 25% 3% number of >= 4 h events 0 7 21 14 3 number of >= 8 h events 0 6 16 8 1 avg duration (h) 109 26 10 5 max duration (h) 319 275 49 9 avg temperature (F) 75.2 75.2 75.5 76.1 77.7 Oct	avg temperature (F)	78.1	77.1	76.3		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Sep					
number of >= 4 h events 0 7 21 14 3 number of >= 8 h events 0 6 16 8 1 avg duration (h) 109 26 10 5 max duration (h) 319 275 49 9 avg temperature (F) 75.2 75.5 76.1 77.7 Oct	total hours (%)	100%	97%	74%	25%	3%
number of >= 8 h events avg duration (h) 0 6 16 8 1 avg duration (h) 109 26 10 5 max duration (h) 319 275 49 9 avg temperature (F) 75.2 75.5 76.1 77.7 Oct 100% 93% 60% 11% 1% number of >= 4 h events number of >= 8 h events 0 5 3 4 0 avg duration (h) max duration (h) 37 47 8 4 avg temperature (F) 74.5 74.6 75.4 76.8 77.7 Nov total hours (%) 100% 100% 69% 11% 0% number of >= 4 h events 0 0 5 2 3 0 number of >= 8 h events 0 0 5 2 3 0 number of >= 8 h events 0 0 4 2 3 10 35 13 3 3 3 3<	number of >= 4 h events	0	7	21	14	3
avg duration (h) 109 26 10 5 max duration (h) 319 275 49 9 avg temperature (F) 75.2 75.2 75.5 76.1 77.7 Oct 100% 93% 60% 11% 1% number of >= 4 h events 0 5 3 4 0 number of >= 8 h events 0 5 2 3 0 avg duration (h) 37 47 8 4 max duration (h) 131 261 26 4 avg temperature (F) 74.5 74.6 75.4 76.8 77.7 Nov 100% 100% 69% 11% 0% number of >= 4 h events 0 0 5 2 10% number of >= 8 h events 0 0 4 2 10% 0% 10%	number of >= 8 h events	0	6	16	8	1
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	avg duration (h)		109	26	10	5
avg temperature (F) 75.2 75.2 75.5 76.1 77.7 Oct total hours (%) 100% 93% 60% 11% 1% number of >= 4 h events 0 5 3 4 0 number of >= 8 h events 0 5 2 3 0 avg duration (h) 37 47 8 4 max duration (h) 131 261 26 4 avg temperature (F) 74.5 74.6 75.4 76.8 77.7 Nov	max duration (h)	75.0	319	275	49	9
total hours (%) 100% 93% 60% 11% 1% number of >= 4 h events 0 5 3 4 0 number of >= 8 h events 0 5 2 3 0 avg duration (h) 37 47 8 4 max duration (h) 131 261 26 4 avg temperature (F) 74.5 74.6 75.4 76.8 77.7 Nov total hours (%) 100% 100% 69% 11% 0% number of >= 4 h events 0 0 5 2 . . number of >= 8 h events 0 0 4 2 .	avg temperature (F)	75.2	75.2	75.5	76.1	11.1
number of >= 4 h events 0 5 3 4 0 number of >= 8 h events 0 5 2 3 0 avg duration (h) 37 47 8 4 max duration (h) 131 261 26 4 avg temperature (F) 74.5 74.6 75.4 76.8 77.7 Nov		1009/	029/	60%	110/	10/
Indifice of $3 = 4$ if events 0 3 3 4 0 number of $3 = 8$ h events 0 5 2 3 0 avg duration (h) 37 47 8 4 max duration (h) 131 261 26 4 avg temperature (F) 74.5 74.6 75.4 76.8 77.7 Nov 100% 100% 69% 11% 0% number of >= 4 h events 0 0 5 2 2 number of >= 8 h events 0 0 4 2 2 avg duration (h) 35 13 3 4 2 2 avg duration (h) 171 28 2	1000000000000000000000000000000000000	100%	93%	00%	11%	1%
Indificient of b = 0 frevents 0 3 2 3 0 avg duration (h) 37 47 8 4 max duration (h) 131 261 26 4 avg temperature (F) 74.5 74.6 75.4 76.8 77.7 Nov 0 100% 69% 11% 0% number of >= 4 h events 0 0 5 2 2 number of >= 8 h events 0 0 4 2 2 2 avg duration (h) 35 13 3	number of $>= 4$ if events	0	5	3	4	0
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	number of >= of revents	0	37	47	3	0
Intervention Instruction	max duration (h)		131	261	26	4
Nov total hours (%) 100% 100% 69% 11% 0% number of >= 4 h events 0 0 5 2 0 0 4 2 0 0 4 2 0 0 4 2 0 0 4 2 0 0 4 2 0 0 11% 0% 0	ava temperature (F)	74 5	74.6	75.4	76.8	77 7
total hours (%) 100% 100% 69% 11% 0% number of >= 4 h events 0 0 5 2 number of >= 8 h events 0 0 4 2 avg duration (h) 35 13 35 max duration (h) 171 28 36 avg temperature (F) 72.3 73.9 76.0 Dec	Nov	1 1.0	7 1.0	70.1	10.0	
number of >= 4 h events 0 0 5 2 number of >= 8 h events 0 0 4 2 avg duration (h) 35 13 max duration (h) 171 28 avg temperature (F) 72.3 73.9 76.0 Dec	total hours (%)	100%	100%	69%	11%	0%
number of >= 8 h events avg duration (h) max duration (h) 0 0 4 2 max duration (h) max duration (h) 35 13 avg temperature (F) 72.3 73.9 76.0 Dec	number of $>= 4$ h events	0	0	5	2	
avg duration (h) max duration (h) 35 13 avg temperature (F) 72.3 73.9 76.0 Dec 72.3 72.3 73.9 76.0 number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F) 1171 28	number of >= 8 h events	0	0	4	2	
max duration (h) 171 28 avg temperature (F) 72.3 73.9 76.0 Dec total hours (%) Image: Comparison of the second	avg duration (h)			35	13	
avg temperature (F) 72.3 72.3 73.9 76.0 Dec total hours (%) umber of >= 4 h events umber of >= 8 h events <td>max duration (h)</td> <td></td> <td></td> <td>171</td> <td>28</td> <td></td>	max duration (h)			171	28	
total hours (%)	avg temperature (F)	72.3	72.3	73.9	76.0	
total hours (%)	Dec					
number of >= 4 h events	total hours (%)					
number of >= 8 h events	number of >= 4 h events					
avg duration (h)	number of >= 8 h events					
max duration (h) avg temperature (F)	avg duration (h)					
avg temperature (F)	max duration (h)					
	avg temperature (F)					

Relative Humidity Threshold

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
• • • •	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb								
	total hours (%)	100%	100%	100%	78%	39%		
	number of $>= 4$ h events	0	0	0	2	2		
	number of $>= 8$ h events	0	0	0	2	2		
	avg duration (h)				63	7		
	max duration (h)				174	31		
	avg temperature (F)	73.8	73.8	73.8	74.8	74.2		
Mar		1 010	1010	1010	1 110			
	total hours (%)	85%	74%	47%	27%	7%		
	number of $>= 4$ h events	4	5	7	8	5		
	number of $>= 8$ h events	4	5	7	6	1		
	ava duration (h)	102	62	21	16	6		
	max duration (h)	233	187	69	32	24		
	avg temperature (F)	71.8	72.2	73.6	75.1	75.9		
Anr		1.110		1010				
, (þ.	total hours (%)	82%	53%	26%	1%	0%		
	number of $>= 4$ h events	13	10	12	0	0,0		
	number of $>= 8$ h events	10	10	8	0			
	ava duration (b)	72	32	10	2			
	max duration (h)	577	93	37	3			
	avg temperature (F)	75.6	75.9	76.3	77.0			
May		10.0	10.0	10.0	11.0			
	total hours (%)	99%	62%	8%	1%	0%		
	number of $>= 4$ h events	1	26	5	1	0,0		
	number of $>= 8$ h events	1	15	2	0			
	ava duration (h)	10	11	5	7	1		
	max duration (h)	10	73	24	7	1		
	avg temperature (F)	76.6	76.3	77.8	75.9			
Jun		, 0.0	70.0		70.0			
	total hours (%)	100%	95%	23%	3%	1%		
	number of $>= 4 h events$	0	6	13	1	. /0		
	number of $>= 8 h events$	0	6	5	0	0		
	avg duration (h)		76	4	2	2		
	max duration (h)		283	27	4	2		
	avg temperature (F)	75.4	75.4	76.3	76 9	78.0		

Table 85. Site 22 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001			Relative	Humidity TI	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lul.						
Jui total bourg	s (%)	100%	91%	12%	1%	1%
number of >-4 h ev	ents	100 /8	11	7	1/0	170
number of $>= 8 h e$	/ents	0	11	1	0	0
avg duratio	n (h)	0	35	3	5	3
max duratio	n (h)		300	18	7	3
avg temperatur	e (F)	75.4	75.4	75.5	75.7	76.2
Aug	U (I)	70.1	10.1	10.0	10.1	10.2
total hours	s (%)	100%	100%	9%	0%	0%
number of $>= 4 h e$	vents	0	0	0,0	0,0	0,0
number of $>= 8 h e$	/ents	0	0	0		
avg duratio	n (h)			2		
max duratio	n (h)			3		
avg temperatur	e (F)	76.7	76.7	76.6		
Sep	- (.)					
total hours	s (%)					
number of >= 4 h ev	ents					
number of >= 8 h ev	vents					
avo duratio	n (h)					
max duratio	n (h)					
avg temperatur	e (F)					
Oct				1	1	
total hours	s (%)					
number of >= 4 h ev	/ents					
number of >= 8 h ev	/ents					
avg duratio	n (h)					
max duratio	n (h)					
avg temperatur	e (F)					
Nov						
total hours	s (%)					
number of >= 4 h ev	/ents					
number of >= 8 h ev	/ents					
avg duratio	n (h)					
max duratio	n (h)					
avg temperatur	e (F)					
Dec						
total hours	s (%)					
number of >= 4 h ev	/ents					
number of >= 8 h ev	/ents					
avg duratio	n (h)					
max duratio	n (h)					
avg temperatur	e (F)					

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb								
	total hours (%)	100%	100%	100%	78%	39%		
	number of >= 4 h events	0	0	0	2	2		
	number of >= 8 h events	0	0	0	2	2		
	avg duration (h)				63	7		
	max duration (h)				174	31		
	avg temperature (F)	73.8	73.8	73.8	74.8	74.2		
Mar								
	total hours (%)	85%	74%	47%	27%	7%		
	number of >= 4 h events	4	5	7	8	5		
	number of >= 8 h events	4	5	7	6	1		
	avg duration (h)	102	62	21	16	6		
	max duration (h)	233	187	69	32	24		
	avg temperature (F)	71.8	72.2	73.6	75.1	75.9		
Apr								
-	total hours (%)	82%	53%	26%	1%	0%		
	number of >= 4 h events	13	10	12	0			
	number of >= 8 h events	10	10	8	0			
	avg duration (h)	72	32	10	2			
	max duration (h)	577	93	37	3			
	avg temperature (F)	75.6	75.9	76.3	77.0			
May					1			
-	total hours (%)	99%	62%	8%	1%	0%		
	number of >= 4 h events	1	26	5	1			
	number of >= 8 h events	1	15	2	0			
	avg duration (h)	10	11	5	7	1		
	max duration (h)	10	73	24	7	1		
	avg temperature (F)	76.6	76.3	77.8	75.9			
Jun	/							
	total hours (%)	100%	95%	23%	3%	1%		
	number of >= 4 h events	0	6	13	1	0		
	number of >= 8 h events	0	6	5	0	0		
	avg duration (h)		76	4	2	2		
	max duration (h)		283	27	4	2		
	avg temperature (F)	75.4	75.4	76.3	76.9	78.0		

Table 86. Site 22 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

2001	1		Relative	Humidity Th	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
			•			
Jul	total hours (0()	1000/	019/	100/	10/	10/
number	total nours (%)	100%	91%	12%	1%	1%
number	of $>= 8$ h events	0	11	1	1	0
number	2 = 0 if events	0	35	3	5	0
	avy duration (h)		300	18	7	3
ava	temperature (F)	75.4	75.4	75.5	75.7	76.2
Δυα		70.4	73.4	10.0	10.1	10.2
	total hours (%)	100%	100%	9%	0%	0%
number (of $>= 4$ h events	0	0	0,0	0,0	0,0
number	of $>= 8$ h events	0	0	0		
	avg duration (h)			2		
r	max duration (h)			3		
avg	temperature (F)	76.7	76.7	76.6		
Sep					1	
	total hours (%)					
number	of >= 4 h events					
number	of >= 8 h events					
	avg duration (h)					
r	max duration (h)					
avg	temperature (F)					
Oct						
	total hours (%)					
number	of >= 4 h events					
number	of >= 8 h events					
	avg duration (h)					
r	max duration (h)					
avg	temperature (F)					
Nov						1
	total hours (%)					
number	of >= 4 h events					
number	of >= 8 n events					
	avg duration (n)					
1	nax duration (n)					
avg	temperature (F)					
Dec	total hours (%)					
number	of >-4 h events					
number	of >-8 h events	1				
	ava duration (h)					
r	max duration (h)					
ava	temperature (F)					
avy	iomperature (L)		1	1	1	

2000		Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		Mon
lan								11
Jan	total hours (%)							Jui
	number of $>= 4$ h events							ĺ
	number of $>= 8$ h events							ĺ
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb					1			Aug
	total hours (%)							Ū
	number of >= 4 h events							ĺ
	number of >= 8 h events							ĺ
	avg duration (h)							1
	max duration (h)							ĺ
	avg temperature (F)							i
Mar	.					-	ľ	Sep
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr								Oct
	total hours (%)							ĺ
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							ĺ
	max duration (h)							ĺ
	avg temperature (F)							
Мау								Nov
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							_
Jun								Dec
	total hours (%)	ļ						l
	number of >= 4 h events							i
	number of >= 8 h events							ĺ
	avg duration (h)							1
	max duration (h)							i
	avg temperature (F)							l

Table 87. Site 23 - Indoor RH Data by month and threshold level for 2000 (HIGHEST humidity in any space)

	2000		Relative	Humidity TI	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul	total having (0/)			1		
	total nours (%)					
	number of >= 4 If events					
	number of ≥ 8 h events					
	avg duration (n)					
	max duration (n)					
A	avg temperature (F)					
Aug	total bours (9/)	0.09/	969/	E 20/	210/	00/
	Iotal hours (%)	99%	00%	52%	21%	0%
	number of >= 4 h events	1	8	6	3	0
	number of ≥ 8 h events	1 1 2 0	6	3	1	0
	avg duration (n)	189	12	4	2	1
	max duration (n)	189	45	18	8	2
C	avg temperature (F)	89.4	88.6	89.2	85.9	83.7
Sep	total hours (0/)	1009/	069/	019/	900/	E C 0/
	lotal hours (%)	100%	90%	91%	00%	50%
	number of $>= 4$ h events	1	1	10	13	14
	number of ≥ 8 h events	1045	6	/	10	9
	avg duration (n)	1045	76	23	18	9
	max duration (n)	1045	893	633	378	183
Oct	avg temperature (F)	91.3	91.2	91.0	89.8	88.9
Oct	total barra (0()	4000/	4000/	0.40/	500/	500/
	total nours (%)	100%	100%	84%	59%	53%
	number of $>= 4$ h events	0	0	5	C C	9
	number of >= on events	0	0	4	4	9
	avg duration (n)			49	39	16
	max duration (n)	04.0	04.0	208	174	126
Mari	avg temperature (F)	84.3	84.2	84.7	85.2	85.2
NOV	total barras (0/)					
	Iotal hours (%)					
	number of >= 4 h events					
	number of >= 8 n events					
	avg duration (n)					
	max duration (n)					
D	avg temperature (F)					
Dec				1		
	total nours (%)					
	number of >= 4 n events					
	number of >= 8 n events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2000		Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
•	total hours (%)						• •	
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							Aug	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Мау					1		Nov	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun			1	1			Dec	
	total hours (%)							
	number of >= 4 n events					<u> </u>		
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)					<u> </u>		
	avg temperature (F)	1						

Table 88. Site 23 - Indoor RH Data by month and threshold level for 2000 (AVERAGE of all spaces)

2000	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
11								
Jui								
total hours (%)								
number of >= 4 if events								
number of ≥ 8 n events								
avg duration (h)								
avg temperature (F)								
Aug	0.0%	969/	E 20/	219/	00/			
Iotal Hours (%)	99%	00%	52%	2170	0%			
number of $s = 8$ h events	1	0	0	3	0			
$\frac{1}{10000000000000000000000000000000000$	190	12	3	2	1			
avy duration (h)	189	12	4	2	2			
	109	40	10	0 95 0	02.7			
avg temperature (F)	69.4	00.0	09.2	65.9	03.7			
sep	100%	069/	019/	909/	E60/			
101a11001S(%)	100%	90%	91%	00%	50%			
number of $z = 9$ h events	1	1	10	10	14			
number of >= 8 if events	1045	76	1	10	9			
avy duration (h)	1045	202	622	270	102			
	01.2	093	033	370	103			
	31.5	91.2	91.0	09.0	00.9			
total hours (%)	100%	100%	8/10/	50%	53%			
number of > -4 b events	100 /8	100 %	5	5576	0			
number of $>= 8$ h events	0	0	3	3	9			
ave duration (b)	0	0	4		16			
avy duration (h)			208	174	126			
	84.3	84.2	84.7	85.2	85.2			
Nov	04.5	04.2	04.7	00.2	00.2			
total hours (%)								
number of >-4 h events								
number of $>= 8$ b events								
ava duration (b)								
max duration (h)								
ava temperature (F)								
avg temperature (r)	1			I	<u>.</u>			
total hours (%)								
number of >-4 b events								
number of >-8 b events								
ava duration (h)		<u> </u>	<u> </u>					
max duration (h)								
ava temperature (F)								
avy temperature (F)	1							

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
•	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb			1				7	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							•	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
May							1	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun							Π	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

Table 89. Site 23 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul								
total hours (%)								
number of >= 4 h events								
number of >= 8 h events								
avg duration (h)								
max duration (h)								
avg temperature (F)								
Aug	4000/	4000/	4000/	4000/	4000/			
	100%	100%	100%	100%	100%			
number of >= 4 h events	0	0	0	0	0			
number of >= on evenus	0	0	0	0	0			
avg duration (h)								
max duration (n)	07.2	07.2	07.2	07.2	07.2			
avg temperature (F)	97.2	97.2	97.2	97.2	97.2			
Sep	1009/	1009/	1009/	1009/	0.00/			
total hours (%)	100%	100%	100%	100%	98%			
number of $> = 8$ h events	0	0	0	0	4			
number of >= on events	0	0	0	0	4			
avg duration (h)					220			
max duration (n)	80.6	80.6	80.6	80.6	230			
avg temperature (r)	09.0	09.0	09.0	09.0	09.5			
total hours (%)	100%	00%	06%	01%	81%			
number of >-4 b events	100 %	3578	30%	31/0	2			
number of $>= 8$ h events	0	1	1	2	2			
ava duration (b)	0	020	155	465	376			
max duration (h)		020	904	505	587			
ava tomporaturo (E)	85.6	95.6	86.0	86.7	87.4			
avg temperature (r)	05.0	05.0	00.0	00.7	07.4			
total bours (%)	100%	100%	100%	97%	62%			
number of >-4 b events	10070	100 /0	10070	2	12			
number of $>= 8$ h events	0	0	0	2	6			
avg duration (h)	0	0	0	175	24			
max duration (h)				439	283			
avg temperature (F)	80.6	80.6	80.6	80.8	81.1			
Dec	00.0	00.0	00.0	00.0	01.1			
total hours (%)	100%	100%	100%	100%	100%			
number of $>= 4$ h events	0	0	0	0	0			
number of $>= 8 h events$	0	0	0	0	0			
ava duration (h)								
max duration (h)								
avg temperature (F)	80.4	80.4	80.4	80.4	80.4			
	2911	2011	2011	2011	2011			

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
.lan								
••••	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb			1					
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr				·	°			
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
May								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

Table 90. Site 23 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Month Above 50% Above 55% Above 60% Above 65% Above 55% Jul total hours (%) number of >= 4 h events number of >= 8 h events	e 70%
Jul total hours (%)	100%
total hours (%)	100%
number of >= 4 h events	100%
number of >= 8 h events	100%
	100%
avg duration (h)	100%
max duration (h)	100%
avg temperature (F)	100%
Aug	100%
total hours (%) 100% 100% 100% 100%	
number of >= 4 h events $0 0 0 0$	0
number of >= 8 h events $0 0 0$	0
avg duration (h)	
max duration (h)	
avg temperature (F) 97.2 97.2 97.2 97.2	97.2
Sep	
total hours (%) 100% 100% 100% 100%	98%
number of >= 4 h events $0 0 0$	4
number of >= 8 h events $0 0 0$	4
avg duration (h)	85
max duration (h)	230
avg temperature (F) 89.6 89.6 89.6 89.6	89.3
Oct	
total hours (%) 100% 99% 96% 91%	84%
number of >= 4 h events $0 0 1 2$	2
number of >= 8 h events $0 0 0 2$	2
avg duration (h) 6 465	376
max duration (h) 6 595	587
avg temperature (F) 85.6 85.6 86.0 86.7	87.4
Nov	000/
total hours (%) 100% 100% 100% 97%	62%
number of >= 4 h events 0 0 0 1	
number of >= 8 n events $0 0 0 1$	0
avg duration (h) 43	0
	01 1
	01.1
total hours (%) 100% 100% 100%	100%
number of >= 4 h events $0 0 0 0$	0
number of >= 8 h events $0 0 0$	0
avg duration (h)	
max duration (h)	
avg temperature (F) 80.4 80.4 80.4 80.4	80.4

	2000	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Mor
lan							1.1
Jan	total hours (%)						Jui
	number of $>= 4$ h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb	<u> </u>			1			Aug
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Mar							Sep
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Apr							Oct
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Мау							Nov
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Jun					1		Dec
	total hours (%)	L					
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						

Table 91. Site 24 - Indoor RH Data by month and threshold level for 2000 (HIGHEST humidity in any space)

	2000	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul									
oui	total hours (%)				1				
	number of $>= 4$ h events								
	number of $>= 8$ h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Aua									
	total hours (%)	100%	94%	73%	28%	1%			
	number of >= 4 h events	0	3	7	2	0			
	number of >= 8 h events	0	3	6	2	0			
	avg duration (h)		54	10	3	1			
	max duration (h)		96	41	12	1			
	avg temperature (F)	89.3	88.2	85.4	82.8	93.6			
Sep			1	1					
	total hours (%)	100%	99%	96%	93%	89%			
	number of >= 4 h events	0	2	3	2	2			
	number of >= 8 h events	0	2	3	1	2			
	avg duration (h)		535	222	124	169			
	max duration (h)		1053	864	856	831			
	avg temperature (F)	92.9	92.7	92.3	92.6	92.6			
Oct									
	total hours (%)	99%	99%	95%	70%	32%			
	number of >= 4 h events	0	0	3	11	3			
	number of >= 8 h events	0	0	3	8	1			
	avg duration (h)			157	21	5			
	max duration (h)			260	103	9			
	avg temperature (F)	85.6	85.5	85.6	86.0	88.8			
Nov									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Dec									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								

	2000		Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
•	total hours (%)						• •	
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							Aug	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Мау					1		Nov	
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun			1	1			Dec	
	total hours (%)							
	number of >= 4 n events					<u> </u>		
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)					<u> </u>		
	avg temperature (F)	1						

Table 92. Site 24 - Indoor RH Data by month and threshold level for 2000 (AVERAGE of all spaces)

2000	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
hul								
Jui total bours (%)				1	1			
number of > -4 b events								
number of $> - 9$ h events								
number of >= 8 if events								
avg duration (h)								
max duration (II)								
avg temperature (F)								
total bours (%)	100%	94%	73%	28%	1%			
number of > -4 b events	100 %	34 /0	73%	2078	1 78			
number of $>=$ 8 h events	0	3	6	2	0			
ava duration (b)	0	54	10	2	0			
max duration (h)		96	10	12	1			
ava tomporaturo (E)	80.3	88.2	95.4	82.8	03.6			
avg temperature (F)	09.3	00.2	03.4	02.0	93.0			
total bours (%)	100%	00%	96%	03%	80%			
number of > -4 b events	100 /0	3370	3070	3570	0370			
number of $>= 8$ h events	0	2	3	1	2			
ava duration (h)	0	535	222	124	160			
max duration (h)		1053	864	856	831			
ava temperature (F)	02.0	92.7	004	92.6	92.6			
Oct	32.3	52.1	32.5	32.0	52.0			
total hours (%)	00%	00%	95%	70%	32%			
number of >-4 b events	3370	3370	3570	11	32.70			
number of >= 8 h events	0	0	3	8	1			
ava duration (h)	0	0	157	21	5			
max duration (h)			260	103	3			
ava temperature (F)	85.6	85.5	85.6	86.0	88.8			
Nov	00.0	00.0	00.0	00.0	00.0			
total bours (%)								
number of $>= 4$ h events								
number of $>= 8$ h events								
ava duration (h)								
max duration (h)								
avg temperature (F)								
Dec								
total hours (%)								
number of $>= 4$ h events								
number of $>= 8 h events$								
avg duration (h)								
max duration (h)								
avg temperature (F)								
	1	I	I	<u> </u>	<u> </u>			

	2001	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
May								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

Table 93. Site 24 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative Humidity Threshold			
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Aug					
total hours (%)	100%	100%	100%	96%	71%
number of >= 4 h events	0	0	0	4	3
number of >= 8 h events	0	0	0	3	2
avg duration (h)				207	23
max duration (h)				783	34
avg temperature (F)	98.6	98.6	98.6	98.8	98.6
Sep					
total hours (%)	100%	100%	100%	100%	74%
number of >= 4 h events	0	0	0	0	5
number of >= 8 h events	0	0	0	0	5
avg duration (h)					77
max duration (h)	00.0	00.0	00.0		405
avg temperature (F)	90.6	90.6	90.6	90.6	90.1
Uct	000/	070/	0.00/	770/	E 40/
101a1 Hours (%)	99%	97%	09%	11%	54%
number of - 9 h events	0	1		7	9
number of >= on events	0	0	3	1	10
avy duration (II)		7	320	32	204
ava tomporaturo (E)	86.0	86.3	86.6	86.8	86.0
Nov	80.0	00.5	00.0	00.0	00.9
total hours (%)	100%	100%	100%	98%	46%
number of $>= 4$ h events	0	0	0	0	12
number of >= 8 h events	0	0	0	0	
avg duration (h)					14
max duration (h)					67
avg temperature (F)	81.2	81.2	81.2	81.4	83.2
Dec		-	_		
total hours (%)	100%	100%	100%	100%	81%
number of >= 4 h events	0	0	0	0	1
number of >= 8 h events	0	0	0	0	1
avg duration (h)					38
max duration (h)					38
avg temperature (F)	80.9	80.9	80.9	80.9	82.9

	2001	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb							
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Mar							
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)					[
Apr							
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Мау							
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
_	avg temperature (F)						L
Jun				1			
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						1
	max duration (h)						
	avg temperature (F)						

Table 94. Site 24 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

	2001		Relative	Humidity Th	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
.lul						
Jui	total hours (%)					
	number of $>= 4$ h events					
	number of $>= 8$ h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Aug						
•	total hours (%)	100%	100%	100%	96%	71%
	number of >= 4 h events	0	0	0	4	3
	number of >= 8 h events	0	0	0	3	2
	avg duration (h)				207	23
	max duration (h)				783	34
	avg temperature (F)	98.6	98.6	98.6	98.8	98.6
Sep	· · · · · · ·					
	total hours (%)	100%	100%	100%	100%	74%
	number of >= 4 h events	0	0	0	0	5
	number of >= 8 h events	0	0	0	0	5
	avg duration (h)					77
	max duration (h)					405
	avg temperature (F)	90.6	90.6	90.6	90.6	90.1
Oct						
	total hours (%)	99%	97%	89%	77%	54%
	number of >= 4 h events	0	1	7	11	9
	number of >= 8 h events	0	0	5	7	7
	avg duration (h)		7	46	32	18
	max duration (h)		7	329	320	204
	avg temperature (F)	86.0	86.3	86.6	86.8	86.9
Nov						
	total hours (%)	100%	100%	100%	98%	46%
	number of >= 4 h events	0	0	0	0	12
	number of >= 8 h events	0	0	0	0	9
	avg duration (h)					14
	max duration (h)					67
	avg temperature (F)	81.2	81.2	81.2	81.4	83.2
Dec						
	total hours (%)	100%	100%	100%	100%	81%
	number of >= 4 h events	0	0	0	0	1
	number of >= 8 h events	0	0	0	0	1
	avg duration (h)					38
	max duration (h)					38
	avg temperature (F)	80.9	80.9	80.9	80.9	82.9

	2002	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	N	/lon	
lan								hul	
oan	total hours (%)						ľ	, ui	
	number of $>= 4$ h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Feb				1			A	٨ug	
	total hours (%)							-	
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Mar							S	Зер	
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)						L		
Apr							C	Ct	
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)				ļ				
Мау				1	1		N	łov	
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)						_		
Jun	total have (0/)							Jec	
	total nours (%)								
	number of >= 4 n events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)	1							

Table 95. Site 25 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
Jul									
total hours (%)									
number of >= 4 if events									
number of >= 8 n events									
avg duration (h)									
avg temperature (F)									
Aug									
Iotal hours (%)									
number of >= 4 if events									
number of >= off events									
avg duration (h)									
avg temperature (F)									
sep									
101a11001S(%)									
number of $>= 4$ h events									
number of ≥ 0 if events									
avy duration (h)									
avg temperature (r)									
total hours (9/)	0.09/	05%	010/	FC 9/	20/				
101a11001S(%)	99%	90%	01%	50%	3%				
number of $>= 4$ if events	1	3	4	4	0				
ava duration (b)	132	99		16	1				
avy duration (h)	263	100	56	10	1				
ava temperature (F)	74.6	74.6	74.7	74.7	74.0				
Nov	74.0	74.0	74.7	74.7	74.0				
total bours (%)	67%	47%	18%	3%	0%				
number of >-4 b events	13	14	7	2	0,0				
number of >= 8 h events	7	6	3	0	0				
ava duration (b)	15	9	13	3	1				
max duration (h)	63	30	83	8	1				
avg temperature (F)	71.3	71.1	70.6	68.6	66.3				
Dec	71.0	71.1	70.0	00.0	00.0				
total hours (%)	38%	18%	2%	0%	0%				
number of $>= 4$ h events	9	7	2,0	070	070				
number of $>= 8$ h events	5	5	0						
avg duration (h)	22	11	2						
max duration (h)	99	33	4						
avg temperature (F)	71.9	72.2	72.1						
	11.5	12.2	12.1	1	1				

	2002	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Mor
lan							1.1
Jan	total hours (%)						Jui
	number of $>= 4$ h events						
	number of $>= 8$ h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb	<u> </u>			1			Aug
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Mar							Sep
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Apr							Oct
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Мау							Nov
	total hours (%)						
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Jun					1		Dec
	total hours (%)	L					
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						

Table 96. Site 25 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
hul									
total bours (%)				,					
number of $>= 4$ h events									
number of $>= 8$ h events									
avg duration (h)									
max duration (h)									
avg temperature (F)									
Aug					-				
total hours (%)									
number of >= 4 h events									
number of >= 8 h events									
avg duration (h)									
max duration (h)									
avg temperature (F)									
Sep									
total hours (%)									
number of >= 4 h events									
number of >= 8 h events									
avg duration (h)									
max duration (h)									
avg temperature (F)									
Oct									
total hours (%)	99%	94%	79%	45%	0%				
number of >= 4 h events	1	3	4	5					
number of >= 8 h events	1	3	4	4					
avg duration (h)	132	46	30	12	L				
max duration (h)	263	140	56	33					
avg temperature (F)	74.3	74.3	74.3	74.2					
Nov									
total hours (%)	57%	33%	12%	0%	0%				
number of >= 4 h events	10	7	3						
number of >= 8 h events	5	6	1						
avg duration (h)	10	29	17						
max duration (h)	62	126	69						
avg temperature (F)	70.8	71.0	69.9		l				
Dec									
total hours (%)	28%	10%	0%	0%	0%				
number of >= 4 h events	5	6							
number of >= 8 h events	5	4		ļ	<u> </u>				
avg duration (h)	26	8							
max duration (h)	54	17							
avg temperature (F)	71.8	72.5							
	2003	Relative Humidity Threshold							
-------	---------------------------------------	-----------------------------	-----------	-----------	-----------	-----------	--	--	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
.lan									
oun	total hours (%)	14%	2%	0%	0%	0%			
	number of $>= 4$ h events	4	2						
	number of >= 8 h events	3	0						
	avg duration (h)	11	3						
	max duration (h)	44	6						
	avg temperature (F)	71.7	72.4						
Feb					1				
	total hours (%)	45%	31%	14%	2%	0%			
	number of >= 4 h events	5	6	8	1	C			
	number of >= 8 h events	5	4	5	0	C			
	avg duration (h)	43	24	7	2	1			
	max duration (h)	104	73	31	6	1			
	avg temperature (F)	71.5	71.3	71.1	71.2	69.4			
Mar					1				
	total hours (%)	87%	69%	42%	7%	1%			
	number of >= 4 h events	5	12	21	3	C			
	number of >= 8 h events	5	10	17	2	C			
	avg duration (h)	59	25	10	3	1			
	max duration (h)	395	113	42	14	1			
	avg temperature (F)	70.7	70.9	70.7	69.1	68.8			
Apr									
•	total hours (%)	92%	62%	37%	8%	1%			
	number of >= 4 h events	19	27	20	3	1			
	number of >= 8 h events	16	18	14	2	C			
	avg duration (h)	28	10	7	4	3			
	max duration (h)	199	61	38	19	4			
	avg temperature (F)	73.2	73.5	73.9	73.6	71.9			
May									
-	total hours (%)	80%	40%	15%	1%	0%			
	number of >= 4 h events	26	22	10	0	C			
	number of >= 8 h events	23	18	8	0	C			
	avg duration (h)	13	5	6	2				
	max duration (h)	119	17	11	2				
	avg temperature (F)	74.5	75.4	76.7	75.9	73.8			
Jun	· · · · · · · · · · · · · · · · · · ·								
	total hours (%)	26%	2%	0%	0%	0%			
	number of >= 4 h events	11	0						
	number of >= 8 h events	2	0						
	avg duration (h)	2	1						
	max duration (h)	13	2						
	avg temperature (F)	75.2	74.6						

Table 97. Site 25 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

	2003	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul									
	total hours (%)	32%	2%	1%	0%	0%			
	number of >= 4 h events	15	0	0	0				
	number of >= 8 h events	4	0	0	0				
	avg duration (h)	2	1	1	1				
	max duration (h)	19	2	1	1				
A	avg temperature (F)	75.4	75.3	75.0	75.9				
Aug	total hours (0/)	1 40/	10/	00/	00/	00/			
	total nours (%)	14%	1%	0%	0%	0%			
	number of $>= 4$ h events	8	0						
	number of >= 8 h events	4	0						
	avg duration (h)	3	1						
	max duration (n)	28	2						
Sam	avg temperature (F)	78.3	76.5						
Sep	total hours (0/)	210/	E0/	10/	00/	00/			
	total nours (%)	31%	5%	1%	0%	0%			
	number of $>= 4$ h events	18	4	0					
	$\frac{1}{10000000000000000000000000000000000$	9	0	0					
	avy duration (h)	5	2	1					
	max duration (n)	20	0 79 5	1					
Oct	avg temperature (F)	11.4	76.5	11.2					
Oct	total bours (9/)	1 0 0/	20/	10/	0%	0%			
	101a110015(%)	10%	2 70	1 70	0%	076			
	number of $z = 9$ h events	12	1	1					
	$\frac{1}{10000000000000000000000000000000000$	3	0	0					
	max duration (h)	13	2	2					
		74.2	75.0	76.1					
Nov	avg temperature (1)	74.5	75.0	70.1					
	total bours (%)	60%	38%	16%	3%	0%			
	number of >-4 b events	17	22	9	370	0,0			
	number of >-8 h events	16	12	5	0	0			
	ava duration (h)	20	9	6	2	1			
	max duration (h)	115	43	20	7	1			
	avg temperature (F)	73.8	73.6	73.9	72.8	72.5			
Dec		10.0	10.0	10.0	72.0	12.0			
	total hours (%)	7%	3%	0%	0%	0%			
	number of $>= 4$ h events	5	3/8	0	570	370			
	number of >= 8 h events	3	0	0					
	avg duration (h)	7	4	1					
	max duration (h)	14	7	1					
	avg temperature (F)	73.2	72.4	74.2					
	÷								

	2003	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jan									
	total hours (%)	2%	0%	0%	0%	0%			
	number of >= 4 h events	2							
	number of >= 8 h events	1							
	avg duration (h)	4							
	max duration (h)	9							
	avg temperature (F)	72.6							
Feb				1		1			
	total hours (%)	33%	13%	1%	0%	0%			
	number of >= 4 h events	6	3	1					
	number of >= 8 h events	5	3	0					
	avg duration (h)	28	9	3					
	max duration (h)	77	32	5					
	avg temperature (F)	71.1	71.2	72.2					
Mar			1	1		1			
	total hours (%)	72%	43%	5%	0%	0%			
	number of >= 4 h events	12	16	4					
	number of >= 8 h events	11	14	2					
	avg duration (h)	34	13	4					
	max duration (h)	113	43	12					
	avg temperature (F)	70.5	70.9	71.7					
Apr				l	Į	l			
•	total hours (%)	60%	27%	5%	0%	0%			
	number of >= 4 h events	24	14	2					
	number of >= 8 h events	18	10	2					
	avg duration (h)	11	7	12					
	max duration (h)	63	35	20					
	avg temperature (F)	73.2	73.9	74.3					
Mav									
	total hours (%)	33%	11%	1%	0%	0%			
	number of >= 4 h events	22	10	0					
	number of >= 8 h events	14	4	0					
	avg duration (h)	5	6	2					
	max duration (h)	15	11	3					
	avg temperature (F)	75.6	76.8	78.8					
Jun	3 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					1			
	total hours (%)	2%	0%	0%	0%	0%			
	number of $>= 4$ h events	0							
	number of >= 8 h events	0							
	avg duration (h)	1							
	max duration (h)	2							
	avg temperature (F)	75.0							

Table 98. Site 25 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

	2003	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul									
oui	total hours (%)	8%	0%	0%	0%	0%			
	number of $>= 4$ h events	1	0	0,0	0,0	0,0			
	number of $>= 8$ h events	1	0						
	avg duration (h)	2	1						
	max duration (h)	17	1						
	avg temperature (F)	76.3	75.0						
Aug	3 1 1 1 1 1 1 1 1 1 1					1			
•	total hours (%)	6%	0%	0%	0%	0%			
	number of >= 4 h events	2							
	number of >= 8 h events	1							
	avg duration (h)	6							
	max duration (h)	26							
	avg temperature (F)	80.4							
Sep									
•	total hours (%)	17%	1%	0%	0%	0%			
	number of >= 4 h events	10	0						
	number of >= 8 h events	7	0						
	avg duration (h)	6	2						
	max duration (h)	27	3						
	avg temperature (F)	78.4	80.5						
Oct									
	total hours (%)	5%	1%	0%	0%	0%			
	number of >= 4 h events	3	1	0					
	number of >= 8 h events	2	0	0					
	avg duration (h)	3	4	1					
	max duration (h)	8	7	1					
	avg temperature (F)	75.7	76.0	76.9					
Nov									
	total hours (%)	54%	24%	9%	0%	0%			
	number of >= 4 h events	18	15	6	0				
	number of >= 8 h events	18	9	3	0				
	avg duration (h)	18	8	5	1				
	max duration (h)	97	40	15	1				
	avg temperature (F)	73.1	73.6	73.7	71.8				
Dec									
	total hours (%)	4%	0%	0%	0%	0%			
	number of >= 4 h events	3	0						
	number of >= 8 h events	2	0						
	avg duration (h)	10	1						
	max duration (h)	12	1						
	avg temperature (F)	72.2	72.4						

	2004	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	34%	24%	12%	4%	1%		
	number of >= 4 h events	8	5	4	2	1		
	number of >= 8 h events	4	4	4	2	1		
	avg duration (h)	18	16	7	5	9		
	max duration (h)	105	64	36	12	9		
	avg temperature (F)	72.8	72.9	72.9	72.3	70.5		
Feb								
	total hours (%)	25%	14%	2%	0%	0%		
	number of >= 4 h events	7	5	2				
	number of >= 8 h events	7	3	0				
	avg duration (h)	22	33	3				
	max duration (h)	163	137	6				
	avg temperature (F)	72.1	72.0	72.6				
Mar								
	total hours (%)	77%	64%	39%	16%	2%		
	number of >= 4 h events	8	13	15	7	1		
	number of >= 8 h events	8	8	12	4	0		
	avg duration (h)	41	17	10	5	2		
	max duration (h)	167	77	47	40	6		
	avg temperature (F)	74.1	74.2	74.1	73.6	73.3		
Apr								
	total hours (%)	90%	66%	34%	13%	3%		
	number of >= 4 h events	18	23	16	9	1		
	number of >= 8 h events	15	22	11	5	1		
	avg duration (h)	25	13	7	5	4		
	max duration (h)	162	89	41	18	13		
	avg temperature (F)	73.9	73.6	73.8	73.8	73.0		
Мау								
	total hours (%)	91%	68%	48%	26%	7%		
	number of >= 4 h events	21	27	23	13	4		
	number of >= 8 h events	19	24	18	9	2		
	avg duration (h)	19	11	7	5	3		
	max duration (h)	268	66	40	22	14		
	avg temperature (F)	74.6	74.6	74.7	74.8	74.4		
Jun								
	total hours (%)	87%	54%	41%	22%	4%		
	number of >= 4 h events	18	23	23	12	2		
	number of >= 8 h events	18	19	13	6	0		
	avg duration (h)	14	8	6	5	3		
	max duration (h)	66	18	15	13	7		
	avg temperature (F)	75.4	75.7	75.9	75.4	74.5		

Table 99. Site 25 - Indoor RH Data by month and threshold level for 2004 (HIGHEST humidity in any space)

2004	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul								
total hours (%)								
number of $>= 4$ h events								
number of $>= 8$ h events								
avg duration (h)								
max duration (h)								
avg temperature (F)								
Aug								
total hours (%)								
number of $>= 4$ h events								
number of $>= 8$ h events								
avg duration (h)								
max duration (h)								
avg temperature (F)								
Sep								
total hours (%)								
number of $>= 4$ h events								
number of $>= 8$ h events								
ava duration (h)								
max duration (h)								
avg temperature (F)								
Oct								
total hours (%)								
number of $>= 4$ h events								
number of $>= 8$ h events								
ava duration (h)								
max duration (h)								
avg temperature (F)								
Nov								
total hours (%)								
number of >-4 h events								
number of $>= 8$ h events								
ava duration (h)								
max duration (h)								
ava temperature (F)								
total hours (%)								
number of >-4 h events								
number of >-8 h events								
ava duration (h)								
max duration (h)								
niak duration (II)								
avg temperature (F)								

	2004	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	27%	19%	6%	1%	0%		
	number of >= 4 h events	5	4	2	1			
	number of >= 8 h events	3	4	1	0			
	avg duration (h)	25	23	11	4			
	max duration (h)	90	59	31	4			
	avg temperature (F)	72.3	72.4	72.0	70.7			
Feb								
	total hours (%)	18%	10%	0%	0%	0%		
	number of >= 4 h events	5	1	0				
	number of >= 8 h events	4	1	0				
	avg duration (h)	44	13	2				
	max duration (h)	158	62	2				
	avg temperature (F)	71.5	71.9	71.0				
Mar								
	total hours (%)	73%	57%	31%	8%	0%		
	number of >= 4 h events	10	14	12	2	0		
	number of >= 8 h events	8	11	11	2	0		
	avg duration (h)	37	19	12	7	3		
	max duration (h)	118	104	47	39	3		
	avg temperature (F)	73.6	73.8	73.7	73.4	72.3		
Apr								
	total hours (%)	81%	52%	19%	7%	1%		
	number of >= 4 h events	22	23	10	3	1		
	number of >= 8 h events	19	16	9	2	0		
	avg duration (h)	18	11	8	6	4		
	max duration (h)	95	70	18	17	5		
	avg temperature (F)	73.3	73.2	73.8	73.3	71.8		
Мау								
	total hours (%)	80%	58%	37%	13%	2%		
	number of >= 4 h events	24	27	21	9	1		
	number of >= 8 h events	22	20	16	5	1		
	avg duration (h)	16	10	8	6	6		
	max duration (h)	114	66	36	22	9		
	avg temperature (F)	74.0	74.2	74.5	74.8	75.1		
Jun								
	total hours (%)	65%	45%	28%	6%	0%		
	number of >= 4 h events	21	23	16	3	0		
	number of >= 8 h events	17	15	8	1	0		
	avg duration (h)	11	8	6	4			
	max duration (h)	40	15	13	9			
	avg temperature (F)	75.0	75.5	75.7	76.2	74.5		

Table 100. Site 25 - Indoor RH Data by month and threshold level for 2004 (AVERAGE of all spaces)

2004	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
lul								
total hours (%)								
number of $>= 4$ h events								
number of $>= 8$ h events								
avg duration (h)								
max duration (h)								
avg temperature (F)								
Aug								
total hours (%)								
number of $>= 4$ b events								
number of $>= 8$ h events								
avg duration (b)								
max duration (h)								
ava temperature (F)								
Sen								
total hours (%)								
number of >-4 b events								
number of >-8 h events								
ava duration (b)								
max duration (h)								
ava temporaturo (E)								
avg temperature (r)								
total hours (%)								
number of > -4 b events								
number of $>= 8$ h events								
number of >= off events								
avy duration (II)								
avg temperature (F)								
NOV								
total hours (%)								
number of >= 4 n events								
number of >= 8 n events								
avg duration (h)								
max duration (n)								
avg temperature (F)								
		1						
total nours (%)								
number of >= 4 h events								
number of >= 8 h events	·							
avg duration (h)								
max duration (h)								
avg temperature (F)								

	2002	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Mon	th
Jan							Jul	
	total hours (%)							
	number of >= 4 h events							r
	number of >= 8 h events							r
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							Aug	
	total hours (%)						_	
	number of >= 4 h events							r
	number of >= 8 h events							r
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)						-	
	number of >= 4 h events							r
	number of >= 8 h events							r
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							r
	number of >= 8 h events							r
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
May							Nov	
	total hours (%)							
	number of >= 4 h events							r
	number of >= 8 h events							r
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun							Dec	
	total hours (%)							
	number of >= 4 h events							r
	number of >= 8 h events							r
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

Table 101. Site 26 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
total hours (%))				
number of >= 4 h events	; 				
number of >= 8 h events					
avg duration (h))				
max duration (h)					
avg temperature (F))				
Aug					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h))				
max duration (h))				
avg temperature (F))				
Sep					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h))				
max duration (h)					
avg temperature (F))				
Oct					
total hours (%)	100%	62%	7%	3%	3%
number of >= 4 h events	0	7	0	0	0
number of >= 8 h events	0	3	0	0	0
avg duration (h))	7	1		
max duration (h))	16	1		
avg temperature (F)	72.1	72.5	73.0	73.8	73.8
Nov					
total hours (%)	25%	5%	0%	0%	0%
number of >= 4 h events	3	4	0		
number of >= 8 h events	2	1	0		
avg duration (h)	6	3	2		
max duration (h)	78	9	2		
avg temperature (F)	73.2	74.1	72.8		
Dec					
total hours (%)	15%	1%	0%	0%	0%
number of >= 4 h events	7	0	0		
number of >= 8 h events	5	0	0		
avg duration (h)	7	1	2		
max duration (h)	29	2	2		
avg temperature (F)	74.5	74.8	73.8		

	2002							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
•	total hours (%)						• •	
	number of >= 4 h events							nu
	number of >= 8 h events							nu
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							Aug	
	total hours (%)							
	number of >= 4 h events							nu
	number of >= 8 h events							ทเ
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							ทเ
	number of >= 8 h events							ทเ
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							nı
	number of >= 8 h events							nı
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Мау							Nov	
	total hours (%)							
	number of >= 4 h events							nu
	number of >= 8 h events							ทเ
	avg duration (h)							
	max duration (h)							
	avg temperature (F)						_	
Jun				1	1		Dec	
	total hours (%)						1	
	number of >= 4 h events							nu
	number of >= 8 h events							nu
	avg duration (h)							
	max duration (h)						1	
	avg temperature (F)							

Table 102. Site 26 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul								
total hours (%)								
number of >= 4 h events								
number of >= 8 h events	;							
avg duration (h)								
max duration (h)								
avg temperature (F))							
Aug		1	1	T	1			
total hours (%)								
number of >= 4 h events								
number of >= 8 h events								
avg duration (h)								
max duration (h)								
avg temperature (F))							
Sep								
total hours (%)								
number of >= 4 h events								
number of >= 8 h events								
avg duration (h)								
max duration (h)								
avg temperature (F))							
Oct								
total hours (%)	96%	34%	4%	3%	2%			
number of >= 4 h events	1	4	0	0	1			
number of >= 8 h events	0	2	0	0	0			
avg duration (h)	4	5			4			
max duration (h)	6	17			4			
avg temperature (F)	71.3	71.6	72.1	72.4	72.6			
Nov								
total hours (%)	15%	1%	0%	0%	0%			
number of >= 4 h events	5 7	0						
number of >= 8 h events	5 5	0						
avg duration (h)	9	2						
max duration (h)	31	2						
avg temperature (F)	72.3	71.4						
Dec								
total hours (%)	8%	0%	0%	0%	0%			
number of >= 4 h events	5 7	0						
number of >= 8 h events	1	0						
avg duration (h)	3	2						
max duration (h)	10	2						
avg temperature (F)	73.7	73.7						

	2003	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
.lan								
oun	total hours (%)	1%	0%	0%	0%	0%		
	number of $>= 4$ h events	0	0					
	number of >= 8 h events	0	0					
	avg duration (h)	1	1					
	max duration (h)	2	1					
	avg temperature (F)	73.5	70.4					
Feb				1				
	total hours (%)	14%	1%	0%	0%	0%		
	number of >= 4 h events	4	1					
	number of >= 8 h events	3	0					
	avg duration (h)	7	4					
	max duration (h)	28	4					
	avg temperature (F)	74.1	74.4					
Mar								
	total hours (%)	20%	2%	0%	0%	0%		
	number of >= 4 h events	10	0					
	number of >= 8 h events	6	0					
	avg duration (h)	6	2					
	max duration (h)	23	3					
	avg temperature (F)	73.4	73.7					
Apr								
•	total hours (%)	11%	0%	0%	0%	0%		
	number of >= 4 h events	7	0					
	number of >= 8 h events	4	0					
	avg duration (h)	4	1					
	max duration (h)	13	1					
	avg temperature (F)	74.1	72.9					
May								
	total hours (%)	23%	0%	0%	0%	0%		
	number of >= 4 h events	13	0					
	number of >= 8 h events	8	0					
	avg duration (h)	9	2					
	max duration (h)	45	2					
	avg temperature (F)	74.4	74.5					
Jun								
	total hours (%)	7%	0%	0%	0%	0%		
	number of >= 4 h events	3	0	0	0			
	number of >= 8 h events	1	0	0	0			
	avg duration (h)	2	2					
	max duration (h)	9	2					
	avg temperature (F)	74.7	72.8	72.5	72.5			

Table 103. Site 26 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

2003	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
Int									
total hours (%)	8%	0%	0%	0%	0%				
number of >= 4 h events	4	0.10	0,0	0,0	0,0				
number of >= 8 h events	0								
avg duration (h)	2								
max duration (h)	5								
avg temperature (F)	75.0								
Aug									
total hours (%)	3%	0%	0%	0%	0%				
number of >= 4 h events	1	0							
number of >= 8 h events	0	0							
avg duration (h)	2	2							
max duration (h)	5	2							
avg temperature (F)	74.3	71.8							
Sep									
total hours (%)	3%	0%	0%	0%	0%				
number of >= 4 h events	0	0							
number of >= 8 h events	0	0							
avg duration (h)	2	1							
max duration (h)	3	1							
avg temperature (F)	74.7	75.2							
Oct									
total hours (%)	33%	4%	0%	0%	0%				
number of >= 4 h events	15	2							
number of >= 8 h events	9	1							
avg duration (h)	8	4							
max duration (h)	40	13							
avg temperature (F)	73.6	73.8							
Nov			1						
total hours (%)	100%	58%	4%	0%	0%				
number of >= 4 h events	0	4	0						
number of >= 8 h events	0	3	0						
avg duration (h)		6	4						
max duration (h)		16	4						
avg temperature (F)	74.4	74.3	74.4						
Dec					1				
Iotal Hours (%)									
number of $x = 8$ h events									
$\frac{1}{2} = 0 \text{ If events}$									
max duration (h)									
niak uuraii011 (11) ava temperatura (E)									
avy temperatule (F)									

	2003	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jan									
	total hours (%)	0%	0%	0%	0%	0%			
	number of >= 4 h events	0							
	number of >= 8 h events	0							
	avg duration (h)	1							
	max duration (h)	1							
	avg temperature (F)	71.1							
Feb									
	total hours (%)	7%	0%	0%	0%	0%			
	number of >= 4 h events	6							
	number of >= 8 h events	1							
	avg duration (h)	4							
	max duration (h)	11							
	avg temperature (F)	73.8							
Mar									
	total hours (%)	9%	0%	0%	0%	0%			
	number of >= 4 h events	5	0						
	number of >= 8 h events	3	0						
	avg duration (h)	5	1						
	max duration (h)	16	1						
A	avg temperature (F)	73.1	73.4						
Apr	total hours (0/)	20/	00/	00/	09/	00/			
	101a1 Hours(%)	3%	0%	0%	0%	0%			
	number of >= 4 if events	3							
	number of ≥ 0 if events	0							
	max duration (h)	3							
	max uuraii0n (n)	74.2							
May	avy temperature (F)	14.2							
may	total hours (%)	4%	0%	0%	0%	0%			
	number of $>= 4$ h events	3	070	070	070	0,1			
	number of $>= 8$ h events	0							
	avg duration (h)	3							
	max duration (h)	7							
	avg temperature (F)	73.5							
Jun		1010							
-	total hours (%)	1%	0%	0%	0%	0%			
	number of >= 4 h events	0	0	0					
	number of >= 8 h events	0	0	0					
	avg duration (h)	3							
	max duration (h)	3							
	avg temperature (F)	73.2	71.8	71.8					

Table 104. Site 26 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

	2003		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
hul						
Jui	total hours (%)	1%	0%	0%	0%	0%
	number of $>= 4$ h events	0	070	070	070	070
	number of $>= 8$ h events	0				
	avg duration (h)	1				
	max duration (h)	2				
	avg temperature (F)	74.3				
Aug					1	
•	total hours (%)	0%	0%	0%	0%	0%
	number of >= 4 h events	0				
	number of >= 8 h events	0				
	avg duration (h)	2				
	max duration (h)	2				
	avg temperature (F)	74.1				
Sep						
	total hours (%)	0%	0%	0%	0%	0%
	number of >= 4 h events	0				
	number of >= 8 h events	0				
	avg duration (h)	1				
	max duration (h)	1				
	avg temperature (F)	74.0				
Oct						
	total hours (%)	20%	2%	0%	0%	0%
	number of >= 4 h events	10	2			
	number of >= 8 h events	5	0			
	avg duration (h)	7	3			
	max duration (h)	72	6			
	avg temperature (F)	73.0	73.2			
Nov						
	total hours (%)	98%	36%	4%	0%	0%
	number of >= 4 h events	0	1	0		
	number of >= 8 h events	0	1	0		
	avg duration (h)	1	4	4		
	max duration (h)	1	15	4		
	avg temperature (F)	73.4	73.4	73.8		
Dec			1		1	1
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2003	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)							
	number of $>= 4$ h events							
	number of $>= 8$ h events							
	ava duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb								
	total hours (%)	30%	5%	1%	0%	0%		
	number of $>= 4$ h events	2	0	0				
	number of $>= 8$ h events	0	0	0				
1	ava duration (h)	3	1					
1	max duration (h)	8	1					
	avg temperature (F)	66.9	69.2	72.5				
Mar								
	total hours (%)	85%	64%	20%	1%	0%		
	number of >= 4 h events	5	26	13	0	0		
	number of >= 8 h events	4	22	6	0	0		
	avg duration (h)	70	13	5	1	1		
	max duration (h)	440	47	21	1	1		
	avg temperature (F)	70.2	70.1	69.8	69.6	69.0		
Apr								
	total hours (%)	88%	37%	8%	0%	0%		
	number of >= 4 h events	21	19	3	0			
	number of >= 8 h events	17	9	2	0			
	avg duration (h)	20	4	2	1			
	max duration (h)	158	28	17	1			
1	avg temperature (F)	70.7	71.3	72.3	70.7			
May								
	total hours (%)	55%	12%	1%	0%	0%		
	number of >= 4 h events	27	8	0				
	number of >= 8 h events	17	3	0				
	avg duration (h)	6	3	2				
	max duration (h)	62	9	3				
	avg temperature (F)	72.4	74.2	75.8				
Jun								
	total hours (%)	48%	4%	0%	0%	0%		
	number of >= 4 h events	3	0					
	number of >= 8 h events	2	0					
	avg duration (h)	5	2					
	max duration (h)	14	2					
	avg temperature (F)	70.7	71.1					

Table 105. Site 27 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

2003	Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jul							
total hours (%)						
number of >= 4 h events	6						
number of >= 8 h events	6						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Aug		1	1				
total hours (%)						
number of >= 4 h events	6						
number of >= 8 h events	3						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Sep		1	1				
total hours (%)						
number of >= 4 h events	3						
number of >= 8 h events	3						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Oct							
total hours (%)						
number of >= 4 h events	6						
number of >= 8 h events	6						
avg duration (h)						
max duration (h)						
avg temperature (F)						
Nov							
total hours (%)						
number of >= 4 n events	S						
number of >= 8 n events	6						
avg duration (n)						
max duration (n)						
avg temperature (F)						
Dec							
total nours (%	2						
number of >= 4 h events							
avg duration (n	2						
	<						
avg temperature (F	/						

	2003	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jan									
• • • •	total hours (%)								
	number of $>= 4$ h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Feb	<u> </u>		1	1	1	1			
	total hours (%)	9%	2%	0%	0%	0%			
	number of >= 4 h events	0	0						
	number of >= 8 h events	0	0						
	avg duration (h)	2							
	max duration (h)	2							
	avg temperature (F)	66.7	68.9						
Mar									
	total hours (%)	83%	48%	10%	0%	0%			
	number of >= 4 h events	11	22	5					
	number of >= 8 h events	9	17	3					
	avg duration (h)	39	10	6					
	max duration (h)	237	37	16					
	avg temperature (F)	69.6	69.7	69.9					
Apr				1					
-	total hours (%)	73%	25%	3%	0%	0%			
	number of >= 4 h events	25	14	2					
	number of >= 8 h events	20	5	1					
	avg duration (h)	11	4	3					
	max duration (h)	120	28	11					
	avg temperature (F)	70.2	71.3	72.7					
May			•	•	•	°			
	total hours (%)	42%	6%	0%	0%	0%			
	number of >= 4 h events	23	4	0					
	number of >= 8 h events	14	0	0					
	avg duration (h)	5	3						
	max duration (h)	30	8						
	avg temperature (F)	72.3	74.5	75.9					
Jun									
	total hours (%)	20%	0%	0%	0%	0%			
	number of >= 4 h events	2							
	number of >= 8 h events	0							
	avg duration (h)	2							
	max duration (h)	5							
	avg temperature (F)	70.8							

Table 106. Site 27 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

2003	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
lul.								
Jui total hours (%)								
number of >-4 b events								
number of $>= 8$ h events								
ava duration (h)								
max duration (h)								
ava temperature (F)								
total bours (%)								
number of >-4 b events								
number of >= 8 h events								
ava duration (h)								
max duration (h)								
ava temperature (F)								
Sen								
total bours (%)								
number of >-4 b events								
number of >= 8 h events								
ava duration (h)								
max duration (h)								
nax duration (n)								
avg temperature (1)								
total hours (%)								
number of >-4 b events								
number of >= 8 h events								
ava duration (b)								
avy duration (II)								
nax duration (n)								
avg temperature (1)								
total hours (%)								
number of >-4 b events								
number of $>= 8$ h events								
number of >= on events								
avg duration (h)								
max duration (II)								
total hours (%)								
number of >-4 b events								
number of $z = 2$ h events								
avy duration (n)								
max duration (n)								
avg temperature (F)								

2002								
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							Aug	
	total hours (%)						_	
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
May					·		Nov	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun							Dec	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

Table 107. Site 28 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002		Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
Jul total barra (1	1	1	1				
total nours ((o)								
number of >= 4 n ever	its								
number of >= 8 h ever	Its								
avg duration (n)								
max duration (n)								
avg temperature (F)								
Aug									
total nours ((o)								
number of >= 4 h ever	its								
number of >= 8 h ever	Its								
avg duration (n)								
max duration (n)								
avg temperature (F)								
Sep									
total nours ((o)								
number of >= 4 n ever	its								
number of >= 8 n ever	ITS								
avg duration (n)								
max duration (n)								
avg temperature (F)								
Oct	40000	000/	540 (010/	4.00/				
total nours (S	%) 100%	92%	51%	21%	16%				
number of >= 4 h ever	its 1	2	1	2	2				
number of >= 8 n ever	Its 1	2	4	1	1				
avg duration (h) 221	61	6	5	11				
max duration (n) 221	135	37	28	27				
avg temperature (F) 71.9	72.0	72.4	73.5	73.6				
Nov		0001	1001	201	001				
total nours (6) 67%	38%	18%	0%	0%				
number of >= 4 h ever	its 6	/	5	0					
number of >= 8 h ever	its 5	1	4	0					
avg duration (n) 65	20	18						
max duration (n) 345	125	82						
avg temperature (F) 72.3	72.1	/1.9	/1.8					
Dec tatal have (000/	00/	4.04	00/				
total nours (%) 39%	22%	9%	1%	0%				
number of >= 4 h ever	its 6	5	6	1					
number of >= 8 h ever	115 5	4	4	0					
avg duration (n) 26	33	8	3					
max duration (n) 94	65	16	74.4					
avg temperature (r) 72.8	/3.3	/3./	/4.1					

2002		Relative Humidity Threshold						
Month		Above 50% Above 55% Above 60% Above 65% Above 70%					Month	
Jan							Jul	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb							Aug	
	total hours (%)						-	
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
May							Nov	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun							Dec	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

Table 108. Site 28 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002		Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul								
total hours (%	%)							
number of >= 4 h even	its							
number of >= 8 h even	its							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Aug		1	1	1	1			
total hours (9	%)							
number of >= 4 h even	its							
number of >= 8 h even	its							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Sep		1	1	1	1			
total hours (9	%)							
number of >= 4 h even	its							
number of >= 8 h even	its							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Oct								
total hours (9	%) 98%	83%	37%	17%	12%			
number of >= 4 h even	its 1	5	4	2	1			
number of >= 8 h even	its 1	4	4	1	1			
avg duration (h) 218	28	5	9	12			
max duration (h) 218	118	30	26	21			
avg temperature (F) 71.4	71.4	72.2	73.1	73.7			
Nov		0001	001	224				
total hours (9	%) 55%	28%	8%	0%	0%			
number of >= 4 h even	its 4	9	4					
number of >= 8 h even	its 4	6	2					
avg duration (h) 53	14	8					
max duration (h) 265	89	30					
avg temperature (F) 71.5	71.5	71.6					
Dec		100(50(001	001			
total hours (9	%) <u>30%</u>	18%	5%	0%	0%			
number of >= 4 h even	15 5	5	4	0				
number of >= 8 h even	ITS 5	5	3	0				
avg duration (n) 38	14	6	2				
max duration (n) 82	40	10	2				
avg temperature (r) 72.6	73.1	73.5	74.2	<u> </u>			

	2003	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	8%	1%	0%	0%	0%		
	number of >= 4 h events	6	1					
	number of >= 8 h events	2	0					
	avg duration (h)	10	2					
	max duration (h)	23	4					
	avg temperature (F)	72.9	72.9					
Feb								
	total hours (%)	29%	13%	1%	0%	0%		
	number of >= 4 h events	6	4	1				
	number of >= 8 h events	4	2	0				
	avg duration (h)	22	18	5				
	max duration (h)	76	43	5				
	avg temperature (F)	73.0	72.9	74.3				
Mar								
	total hours (%)	53%	26%	3%	0%	0%		
	number of $>= 4$ h events	10	13	2	0			
	number of $>= 8$ h events	7	10	1	0			
	ava duration (h)	19	7	3	1			
	max duration (h)	130	33	10	1			
	avg temperature (F)	73.0	73.3	74.6	73.8			
Anr		. 0.0		1				
	total hours (%)	76%	44%	14%	1%	0%		
	number of $>= 4$ h events	7	16	9	0			
	number of $>= 8$ h events	6	14	4	0			
	ava duration (h)	95	13	5	1			
	max duration (h)	502	77	19	1			
	avg temperature (F)	73.4	73.5	73.9	73.5			
May			. 0.0	1010				
	total hours (%)	84%	35%	5%	0%	0%		
	number of $>= 4$ h events	11	17	4				
	number of $>= 8$ h events		14	0				
	ava duration (h)	12	8	4				
	max duration (h)	85	46	7				
	avg temperature (F)	74.3	74.5	74.4				
Jun		74.0	74.0	74.4				
	total hours (%)	87%	11%	1%	0%	0%		
	number of $>= 4 h events$	14	6	1/0	570	070		
	number of $>= 8 h events$	14	3	0				
	ava duration (h)	24	3	2				
	max duration (h)	156	11	<u> </u>				
	ava temperature (F)	7/ 8	75.0	7/1				

Table 109. Site 28 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

	2003	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul	(-(-))	000/	4.40/	10/	00/	00/			
	total nours (%)	89%	14%	1%	0%	0%			
	number of $>= 4$ n events	17	9	0					
	number or $>= 8$ n events	15	3	0					
	avg duration (n)	24	3	2					
	max duration (n)	1/1	16	3					
A	avg temperature (F)	74.8	74.9	74.3					
Aug	total basing (0()	700/	40/	00/	00/	00/			
	total nours (%)	79%	4%	0%	0%	0%			
	number of $>= 4$ h events	32	2	0					
	number of $>= 8$ n events	26	0	0					
	avg duration (n)	15	2						
	max duration (n)	182	5	70.0					
0	avg temperature (F)	/4./	74.1	73.8					
Sep		070/	70/	224	001				
	total hours (%)	67%	/%	0%	0%	0%			
	number of $>= 4$ n events	15	3	0					
	number of >= 8 n events	12	1	0					
	avg duration (h)	14	3	1					
	max duration (h)	95	14	1					
<u> </u>	avg temperature (F)	74.1	/3./	73.8					
Oct									
	total hours (%)	42%	12%	1%	0%	0%			
	number of >= 4 h events	13	5	0					
	number of $>= 8$ h events	10	3	0					
	avg duration (h)	20	5	1					
	max duration (h)	125	33	2					
	avg temperature (F)	73.7	73.5	74.4					
Nov			0001	1001	224				
	total hours (%)	41%	33%	16%	0%	0%			
	number of $>= 4$ h events	1	2	1					
	number of $>= 8$ h events	1	2	1					
	avg duration (h)	98	43	11					
	max duration (h)	98	75	57					
	avg temperature (F)	70.2	70.2	70.9					
Dec			1	1					
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								

2003		Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jan								
total hours	(%) 4%	0%	0%	0%	0%			
number of >= 4 h eve	ents 3	0						
number of >= 8 h eve	ents 1	0						
avg duration	(h) 4	1						
max duration	(h) 9	1						
avg temperature	(F) 72.4	72.5						
Feb								
total hours	(%) 23%	7%	0%	0%	0%			
number of >= 4 h eve	ents 4	2						
number of >= 8 h eve	ents 3	2						
avg duration	(h) 39	16						
max duration	(h) 62	33						
avg temperature	(F) 72.5	73.2						
Mar								
total hours	(%) 44%	15%	1%	0%	0%			
number of >= 4 h eve	ents 12	11	1					
number of >= 8 h eve	ents 10	6	0					
avg duration	(h) 16	5	3					
max duration	(h) 84	18	6					
avg temperature	(F) 72.7	72.9	74.0		-			
Apr	()			J	4			
total hours	(%) 70%	34%	8%	0%	0%			
number of >= 4 h eve	ents 11	16	5					
number of >= 8 h eve	ents 9	13	4					
avg duration	(h) 70	9	6					
max duration	(h) 471	33	14					
avg temperature	(F) 73.0	73.2	73.7					
May	()	-	_	1				
total hours	(%) 74%	25%	2%	0%	0%			
number of >= 4 h eve	ents 12	16	1					
number of >= 8 h eve	ents 9	11	0					
avg duration	(h) 8	7	3					
max duration	(h) 17	24	4					
avg temperature	(F) 74.0	74.1	74.0					
Jun	()		-					
total hours	(%) 68%	6%	0%	0%	0%			
number of >= 4 h eve	ents 27	5						
number of >= 8 h eve	ents 21	1						
avg duration	(h) 11	4			1			
max duration	(h) 64	9						
avg temperature	(F) 74.6	74.3						

Table 110. Site 28 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

	2003	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul		0.00/	00/	00/	00/	00/			
	total hours (%)	66%	8%	0%	0%	0%			
	number of $>= 4$ h events	28	6	0					
	number of ≥ 8 h events	20	1	0					
	avg duration (h)	11	3	2					
	max duration (n)	69	13	2					
A	avg temperature (F)	74.6	74.4	74.2					
Aug	total hours (0()	400/	20/	09/	00/	00/			
	Iotal hours (%)	40%	2%	0%	0%	0%			
	number of $>= 4$ h events	31	0						
	number of ≥ 8 h events	24	0						
	avg duration (h)	9	2						
	max duration (n)	113	3						
0	avg temperature (F)	74.8	73.6						
Sep		400/	00/	00/	00/	00/			
	total hours (%)	43%	2%	0%	0%	0%			
	number of $>= 4$ h events	17	2						
	number of >= 8 n events	8	0						
	avg duration (h)	/	3						
	max duration (h)	34	6						
	avg temperature (F)	/3./	72.9						
Oct		000/	70/	224	201	224			
	total hours (%)	29%	/%	0%	0%	0%			
	number of >= 4 h events	12	3	0					
	number of >= 8 h events	9	1	0					
	avg duration (h)	12	4	1					
	max duration (h)	102	27	1					
	avg temperature (F)	72.9	72.0	73.2					
Nov									
	total hours (%)	40%	31%	14%	0%	0%			
	number of $>= 4$ h events	1	2	2					
	number of >= 8 h events	1	2	1					
	avg duration (h)	95	31	14					
	max duration (h)	95	71	47					
	avg temperature (F)	70.0	69.9	70.5					
Dec									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								

	2002, 2003			2				
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)	0%	0%	0%	0%	0%	•	
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)	1						
	max duration (h)	1						
	avg temperature (F)							
Feb							Aug	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr			1	1	1	1	Oct	
	total hours (%)							
	number of >= 4 h events							ทเ
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)			ļ			New	
way	total having (0()		1	1	1		NOV	
	total nours (%)							~
	number of >= 4 n events							n
	number of >= 8 n events							n
	avg duration (h)							
	ava tomporaturo (E)							
lun	avg temperature (r)						Dec	
Juli	total hours (%)						Dec	
	number of $>= 4 h events$					<u> </u>		n
	number of $>= 8 h events$							n
	ava duration (h)							
	max duration (h)							
	ave temperature (F)							
	avy temperature (F)	1						

Table 111. Site 29 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

	2002, 2003	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul									
oui	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Aug									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Sep									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Oct									
	total hours (%)	100%	100%	98%	21%	0%			
	number of >= 4 h events	0	0	2	2				
	number of >= 8 h events	0	0	2	1				
	avg duration (h)			112	7				
	max duration (h)			162	31				
	avg temperature (F)	74.2	74.2	74.2	74.8				
Nov									
	total hours (%)	64%	36%	14%	0%	0%			
	number of >= 4 h events	5	6	4	0				
	number of >= 8 h events	5	4	1	0				
	avg duration (h)	28	11	8	1				
	max duration (h)	175	62	37	1				
_	avg temperature (F)	72.6	73.0	72.8	74.9				
Dec	1. (-1.)	050/	001	001	001	001			
	total nours (%)	25%	6%	0%	0%	0%			
	number of >= 4 n events	6	3						
	number of >= 8 n events	4	1						
	avg duration (h)	23	11						
	max duration (h)	76	29						
	avg temperature (F)	/3.9	/4./						

	2002, 2003							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Mont	th
Jan							Jul	
	total hours (%)	0%	0%	0%	0%	0%	•	
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb			1	1			Aug	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
May							Nov	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Jun					1		Dec	
	total hours (%)							
	number of >= 4 h events							n
	number of >= 8 h events							n
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

Table 112. Site 29 - Indoor RH Data by month and threshold level for 2002, 2003 (AVERAGE of all spaces)

	2002, 2003	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul									
oui	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Aug									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Sep									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Oct									
	total hours (%)	100%	100%	95%	14%	0%			
	number of >= 4 h events	0	0	3	2				
	number of >= 8 h events	0	0	3	1				
	avg duration (h)			72	14				
	max duration (h)			146	20				
	avg temperature (F)	73.6	73.6	73.7	74.5				
Nov									
	total hours (%)	57%	27%	5%	0%	0%			
	number of >= 4 n events	9	5	1					
	number of >= 8 h events	9	4	1					
	avg duration (h)	25	15	5					
	max duration (n)	63	38	9					
Dee	avg temperature (F)	71.8	72.2	/1.6					
Dec	total hours (9/)	170/	20/	09/	09/	09/			
	$r_{\rm constant}$	1776	2%	0%	0%	0%			
	number of $>= 4 \text{ if events}$	4	2						
	ava duration (h)	4	5						
	max duration (h)	52	2 2						
	ava temperaturo (E)	73.2	0 7/ Ω						
L	avy temperature (F)	13.2	/ 4.0						

2002, 2003		Relative Humidity Threshold						
Month	Above 50%	6 Above 55%	Above 60%	Above 65%	Above 70%			
Jan								
total hour	rs (%) 8%	0%	0%	0%	0%			
number of >= 4 h e	vents	3 0	070	070	070			
number of $>= 8 h e$	vents	2 0						
avo duratio	on (h)	1 1						
max duratio	on (h) 16	5 1						
avg temperatu	re (F) 69.3	69.5						
Feb		0010			<u> </u>			
total hour	rs (%) 38%	19%	1%	0%	0%			
number of $>= 4$ h e	vents	3 4	0	0				
number of $>= 8 h e$	vents	3 4	0	0				
avo duratio	on (h) 28	3 12	1					
max duratio	on (h) 124	46	2					
avg temperatu	re (F) 71.4	1 71.5	70.6	71.8				
Mar				1.110	<u> </u>			
total hour	rs (%) 84%	32%	2%	0%	0%			
number of $>= 4$ h e	vents	11	0					
number of $>= 8 h e$	vents	7 8	0					
ava duratio	on (h) 52	2 8	1					
max duratio	on (h) 32^{\prime}	1 70	2					
ava temperatu	re (F) 68 8	3 70.3	69.9					
Apr			00.0		<u> </u>			
total hour	rs (%) 70%	16%	1%	0%	0%			
number of $>= 4 h e$	vents 17	7 7	0					
number of $>= 8 h e$	vents 13	3 2	0					
avo duratio	on (h) 27	7 5	1					
max duratio	on (h) 137	7 40	2					
avg temperatu	re (F) 72.9	73.9	75.0					
Mav				1	<u>l</u>			
total hour	rs (%) 53%	3%	0%	0%	0%			
number of >= 4 h e	vents	7 1	0					
number of $>= 8 h e$	vents	5 0	0					
avg duratio	on (h) 15	5 1	1					
max duratio	on (h) 209	9 4	1					
avg temperatu	re (F) 74.3	3 74.6	74.2					
Jun					1			
total hour	rs (%) 7%	6 0%	0%	0%	0%			
number of >= 4 h e	vents)						
number of >= 8 h e	vents ()						
ava duratio	on (h)	2						
max duratio	on (h)	2						
avg temperatu	re (F) 75.9	9						

Table 113. Site 30 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

2002, 2003		Relative	Humidity TI	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Aug					
total hours (%)					
number of $>= 4$ h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Sep					
total hours (%)					
number of $>= 4$ h events					
number of $>= 8$ h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Oct					
total hours (%)	100%	100%	43%	2%	0%
number of >= 4 h events	0	0	2	0	
number of >= 8 h events	0	0	1	0	
avg duration (h)			11	1	
max duration (h)	70.4	70.4	/1	1	
avg temperature (F)	73.4	73.4	74.4	74.8	
NOV	040/	E40 /	400/	00/	00/
total hours (%)	81%	51%	13%	2%	0%
number of >= 4 h events	4	5	0	1	
number of >= on evenus	2	5	4	1	
avg duration (h)	29	10	6	4	
max duration (ii)	60.9	70.9	40	9	
	09.0	70.8	72.4	11.3	
total hours (%)	39%	22%	۵%	0%	0%
number of $>= 4$ h events	7	4	2	570	570
number of $>= 8$ b events	5	4	2		
avg duration (h)	17	13	4		
max duration (h)	102	68	12		
avg temperature (F)	71.9	73.4	75.8		
	, 1.5	10.4	, 5.0	l	

	2002, 2003	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70°	%	
Jan								
	total hours (%)	1%	0%	0%	0%	0%	%	
	number of >= 4 h events	1						
	number of >= 8 h events	0						
	avg duration (h)	2						
	max duration (h)	4						
	avg temperature (F)	69.9						
Feb								
	total hours (%)	29%	6%	0%	0%	0%	%	
	number of >= 4 h events	4	2					
	number of >= 8 h events	4	2					
	avg duration (h)	40	8					
	max duration (h)	85	20					
	avg temperature (F)	70.0	70.1					
Mar								
	total hours (%)	62%	6%	0%	0%	0%	%	
	number of >= 4 h events	11	3					
	number of >= 8 h events	10	3					
	avg duration (h)	21	3					
	max duration (h)	218	12					
	avg temperature (F)	68.1	68.2					
Apr								
	total hours (%)	37%	2%	0%	0%	0%	%	
	number of >= 4 h events	11	1					
	number of >= 8 h events	4	0					
	avg duration (h)	11	2					
	max duration (h)	80	4					
	avg temperature (F)	72.3	73.5					
May								
	total hours (%)	32%	0%	0%	0%	0%	%	
	number of >= 4 h events	15						
	number of >= 8 h events	8						
	avg duration (h)	7						
	max duration (h)	96						
_	avg temperature (F)	72.3						
Jun			1	1	1			
	total hours (%)	0%	0%	0%	0%	0%	%	
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							

Table 114. Site 30 - Indoor RH Data by month and threshold level for 2002, 2003 (AVERAGE of all spaces)

2002, 2003	Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jul							
total hours (%)							
number of >= 4 h events							
number of >= 8 h events							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Aug		1	1	1	1		
total hours (%)							
number of >= 4 h events							
number of >= 8 h events							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Sep							
total nours (%)							
number of >= 4 h events							
number of >= on events							
avg duration (h)							
max duration (n)							
avg temperature (F)							
total hours (%)	100%	02%	17%	0%	0%		
number of $>= 4$ h events	100 /0	4	2	070	070		
number of $>= 8$ h events	0	4	2				
avg duration (h)		53	9				
max duration (h)		75	21				
avg temperature (F)	72.5	72.6	74.2				
Nov							
total hours (%)	66%	30%	3%	0%	0%		
number of $>= 4$ h events	4	5	1				
number of >= 8 h events	3	5	1				
avg duration (h)	16	18	8				
max duration (h)	56	88	22				
avg temperature (F)	69.2	70.4	74.7				
Dec							
total hours (%)	29%	9%	0%	0%	0%		
number of >= 4 h events	5	2					
number of >= 8 h events	4	1					
avg duration (h)	44	10					
max duration (h)	87	52					
avg temperature (F)	71.3	73.7					

	2003, 2004	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
oun	total hours (%)	29%	21%	13%	5%	0%		
	number of >= 4 h events	4	4	4	1	0		
	number of >= 8 h events	4	3	3	1	0		
	avg duration (h)	31	11	9	9	1		
	max duration (h)	97	82	58	30	1		
	avg temperature (F)	72.3	72.2	71.7	71.9	71.8		
Feb	- · · · · · ·							
	total hours (%)	15%	7%	1%	0%	0%		
	number of >= 4 h events	3	5	0				
	number of >= 8 h events	3	2	0				
	avg duration (h)	94	6	3				
	max duration (h)	198	17	3				
	avg temperature (F)	72.2	71.7	71.2				
Mar								
	total hours (%)	83%	76%	64%	44%	24%		
	number of >= 4 h events	3	7	18	12	9		
	number of >= 8 h events	3	5	9	4	5		
	avg duration (h)	186	121	13	8	6		
	max duration (h)	511	476	139	124	80		
	avg temperature (F)	72.4	72.3	72.3	72.5	72.8		
Apr								
	total hours (%)	95%	90%	81%	55%	24%		
	number of >= 4 h events	0	1	12	19	11		
	number of >= 8 h events	0	0	11	10	5		
	avg duration (h)	1	3	36	9	8		
	max duration (h)	1	6	344	119	83		
	avg temperature (F)	71.7	71.7	71.7	71.6	71.4		
Мау								
	total hours (%)	100%	100%	97%	78%	53%		
	number of >= 4 h events	0	0	10	14	25		
	number of >= 8 h events	0	0	7	11	15		
	avg duration (h)			51	18	10		
	max duration (h)			623	257	109		
	avg temperature (F)	72.0	72.0	72.0	72.0	72.1		
Jun					-			
	total hours (%)	100%	100%	100%	91%	61%		
	number of >= 4 h events	0	0	0	14	29		
	number of >= 8 h events	0	0	0	12	10		
	avg duration (h)				18	7		
	max duration (h)				96	56		
	avg temperature (F)	72.6	72.6	72.6	72.5	72.4		

Table 115. Site 31 - Indoor RH Data by month and threshold level for 2003, 2004 (HIGHEST humidity in any space)

2003, 2004		Relative	Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul		1	1		1
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Aug		1	1	1	1
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Sep					
total hours (%)	0%	0%	0%	0%	0%
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Oct					
total hours (%)	80%	52%	26%	8%	0%
number of >= 4 h events	14	15	9	5	
number of >= 8 h events	12	10	7	3	
avg duration (h)	47	19	26	5	
max duration (h)	356	253	123	12	
avg temperature (F)	72.9	72.6	72.7	72.7	
Nov					
total hours (%)	73%	61%	40%	24%	5%
number of >= 4 h events	5	7	8	10	3
number of >= 8 h events	3	5	7	9	1
avg duration (h)	25	28	13	10	4
max duration (h)	105	71	42	37	12
avg temperature (F)	74.0	74.0	74.0	73.8	73.6
Dec					
total hours (%)	10%	5%	0%	0%	0%
number of >= 4 h events	2	1	0		
number of >= 8 h events	2	1	0		
avg duration (h)	19	34	2		
max duration (h)	64	34	2		
avg temperature (F)	71.5	73.5	71.8		

	2003, 2004	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	28%	20%	12%	3%	0%		
	number of >= 4 h events	4	5	3	1			
	number of >= 8 h events	3	4	3	1			
	avg duration (h)	30	12	10	9			
	max duration (h)	96	71	57	16			
	avg temperature (F)	71.7	71.6	71.3	71.4			
Feb						1		
	total hours (%)	14%	6%	0%	0%	0%		
	number of >= 4 h events	4	4	0				
	number of >= 8 h events	3	1	0				
	avg duration (h)	55	5					
	max duration (h)	195	13					
	avg temperature (F)	71.5	70.8	69.9				
Mar	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1			
	total hours (%)	82%	75%	60%	40%	19%		
	number of >= 4 h events	3	6	17	13	8		
	number of >= 8 h events	2	4	9	5	3		
	avg duration (h)	245	70	10	8	5		
	max duration (h)	509	475	139	121	44		
	avg temperature (F)	71.7	71.6	71.6	71.8	72.1		
Apr	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-	-	-			
•	total hours (%)	95%	89%	77%	44%	20%		
	number of >= 4 h events	0	2	18	16	7		
	number of >= 8 h events	0	1	11	8	4		
	avg duration (h)		52	26	6	7		
	max duration (h)		393	332	95	59		
	avg temperature (F)	71.3	71.3	71.3	71.1	71.0		
Mav								
	total hours (%)	100%	99%	93%	70%	47%		
	number of >= 4 h events	0	3	20	22	21		
	number of >= 8 h events	0	3	12	17	7		
	avg duration (h)		27	26	16	7		
	max duration (h)		37	265	112	108		
	avg temperature (F)	71.5	71.5	71.5	71.6	71.6		
Jun								
	total hours (%)	100%	100%	97%	81%	49%		
	number of $>= 4$ h events	0	0	7	19	22		
	number of >= 8 h events	0	0	7	13	8		
	avg duration (h)	Ŭ		43	13	6		
	max duration (h)			187	91	35		
	avg temperature (F)	72.2	72.2	72.2	72.1	72.0		

Table 116. Site 31 - Indoor RH Data by month and threshold level for 2003, 2004 (AVERAGE of all spaces)

2003, 2004		Relative	Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul		1	1	1	1
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Aug					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Sep	00/	201	00(001	00(
total hours (%)	0%	0%	0%	0%	0%
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Oct					
total hours (%)	77%	48%	21%	4%	0%
number of >= 4 h events	14	13	9	2	
number of >= 8 h events	13	10	7	0	
avg duration (h)	39	24	10	3	
max duration (h)	350	249	31	8	
avg temperature (F)	72.2	72.0	72.1	72.3	
Nov					
total hours (%)	70%	59%	38%	20%	2%
number of >= 4 h events	3	8	8	10	1
number of >= 8 h events	3	7	8	8	1
avg duration (h)	52	19	21	9	3
max duration (h)	105	68	90	29	8
avg temperature (F)	73.4	73.4	73.5	73.1	73.8
Dec					
total hours (%)	9%	4%	0%	0%	0%
number of >= 4 h events	2	2	0		
number of >= 8 h events	2	2	0		
avg duration (h)	17	10	2		
max duration (h)	56	19	2		
avg temperature (F)	71.3	73.1	71.7		

	2003		Relative	Humidity Tl	hreshold			20
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)							
	number of >= 4 h events							numbe
	number of >= 8 h events							numbe
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							a
Feb							Aug	
	total hours (%)							
	number of >= 4 h events							numbe
	number of >= 8 h events							numbe
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							a
Mar							Sep	
	total hours (%)							
	number of >= 4 h events							numbe
	number of >= 8 h events							numbe
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							a
Apr							Oct	
	total hours (%)							
	number of >= 4 h events							numbe
	number of >= 8 h events							numbe
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							a
Мау							Nov	
	total hours (%)							
	number of >= 4 h events							numbe
	number of >= 8 h events							numbe
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							a
Jun							Dec	
	total hours (%)	91%	27%	3%	0%	0%		
	number of >= 4 h events	24	11	0	0			numbe
	number of >= 8 h events	16	2	0	0			numbe
	avg duration (h)	13	3	2	1			
	max duration (h)	55	16	3	1			
	avg temperature (F)	74.7	75.4	75.2	76.6			a

Table 117. Site 32 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

2003	Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
1.1							
Jui	0.00/	220/	40/	00/	09/		
total hours (%)	92%	33%	4%	0%	0%		
number of $y = 4$ in events	20	10	1	0			
$\frac{1}{10000000000000000000000000000000000$	24	0	1	0			
max duration (h)	74	21	13	2			
ava temperature (F)	75.0	75.6	75.7	75.7			
	75.0	75.0	15.1	15.1			
total hours (%)	86%	8%	0%	0%	0%		
number of $>= 4$ h events	28	1	0	0	0,0		
number of $>= 8$ h events	22	0	0	0			
avg duration (h)	18	2	1	1			
max duration (h)	97	4	1	1			
avg temperature (F)	75.4	74.9	72.8	71.8			
Sep							
total hours (%)	85%	20%	1%	0%	0%		
number of >= 4 h events	39	10	0				
number of >= 8 h events	29	1	0				
avg duration (h)	11	2	1				
max duration (h)	39	15	1				
avg temperature (F)	73.8	74.0	74.3				
Dct							
total hours (%)	75%	9%	0%	0%	0%		
number of >= 4 h events	34	3	0				
number of $>= 8$ h events	15	1	0				
avg duration (h)	11	2	1				
max duration (h)	153	8	1				
avg temperature (F)	73.3	73.7	73.8				
Nov							
total hours (%)	76%	21%	2%	0%	0%		
number of >= 4 h events	22	13	0				
number of >= 8 h events	16	4	0				
avg duration (h)	23	3	1				
max duration (h)	118	16	1				
avg temperature (F)	72.4	/2./	72.3				
	440/	169/	20/	00/	00/		
$r_{\rm cont}$	41%	10%	2%	0%	0%		
number of $>= 4$ if events	0	1	0				
number of $\geq = 0$ if events ava duration (b)	0	10	2				
avy duration (h)	116	26	2				
ava temperature (F)	69.5	70.5	70 7				
avy temperatule (F)	09.5	70.5	10.1				

	2003		Relative	Humidity T	hreshold			2003		Relative	Humidity Tl	nreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	% Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan							Jul						
	total hours (%)							total hours (%)	79%	12%	2%	0%	0%
	number of >= 4 h events							number of >= 4 h events	40	4	1		
	number of >= 8 h events							number of >= 8 h events	29	1	0		
	avg duration (h)							avg duration (h)	10	2	2		
	max duration (h)							max duration (h)	46	14	6		
	avg temperature (F)							avg temperature (F)	74.3	74.5	74.6		
Feb							Aug						
	total hours (%)							total hours (%)	48%	3%	0%	0%	0%
	number of >= 4 h events							number of >= 4 h events	32	0	0		
	number of >= 8 h events							number of >= 8 h events	14	0	0		
	avg duration (h)							avg duration (h)	6	1	1		
	max duration (h)							max duration (h)	24	3	1		
	avg temperature (F)							avg temperature (F)	74.3	73.6	72.6		
Mar				1			Sep						1
	total hours (%)							total hours (%)	68%	10%	1%	0%	0%
	number of >= 4 h events							number of >= 4 h events	39	0	0		
	number of >= 8 h events							number of >= 8 h events	21	0	0		
	avg duration (h)							avg duration (h)	7	1	1		
	max duration (h)							max duration (h)	27	3	1		
_	avg temperature (F)							avg temperature (F)	73.3	73.3	73.7		
Apr				1			Oct						1
	total hours (%)							total hours (%)	59%	3%	0%	0%	0%
	number of >= 4 h events							number of >= 4 h events	33	0	0		
	number of >= 8 h events							number of >= 8 h events	17	0	0		
	avg duration (h)							avg duration (h)	7	1			
	max duration (h)							max duration (h)	28	3			
	avg temperature (F)							avg temperature (F)	72.7	72.8	72.9		
Мау			1				Nov						
	total hours (%)							total hours (%)	68%	13%	1%	0%	0%
	number of >= 4 h events							number of >= 4 h events	32	6	0		
	number of >= 8 h events							number of >= 8 h events	18	0	0		
	avg duration (h)							avg duration (h)	11	2	1		
	max duration (h)							max duration (h)	109	8	1		
	avg temperature (F)							avg temperature (F)	71.9	72.0	/1.9		
Jun	(a) (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b	370/	100/	40/	00	(00(Dec	(a) (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b	400/	400/	40/	00/	00/
	total nours (%)	11%	10%	1%	0%	° 0%		total nours (%)	40%	13%	1%	0%	0%
	number of >= 4 n events	37	2	0				number of >= 4 n events	6	10	0		
		25	1	0					6	4	0		
	avy duration (n)	8	2	1				avy duration (n)	24	17	2		
	max duration (n)	21	744	747	,			max duration (n)	69	17	2		
	avg temperature (F)	73.9	/4.1	/4./				avg temperature (F)	69.3	70.2	70.4		

Table 118. Site 32 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

	2004	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	53%	25%	1%	0%	0%		
	number of >= 4 h events	6	17	0				
	number of >= 8 h events	6	6	0				
	avg duration (h)	36	5	1				
	max duration (h)	149	22	1				
	avg temperature (F)	69.7	70.4	71.5				
Feb								
	total hours (%)	43%	7%	0%	0%	0%		
	number of >= 4 h events	11	3					
	number of >= 8 h events	10	2					
	avg duration (h)	13	6					
	max duration (h)	79	24					
	avg temperature (F)	68.3	68.0					
Mar								
	total hours (%)	76%	29%	9%	3%	0%		
	number of >= 4 h events	20	12	2	1	0		
	number of >= 8 h events	13	7	1	1	0		
	avg duration (h)	16	5	7	11			
	max duration (h)	170	66	46	18			
	avg temperature (F)	72.7	72.5	71.4	70.8	69.7		
Apr								
	total hours (%)	72%	11%	0%	0%	0%		
	number of >= 4 h events	30	2	0				
	number of >= 8 h events	19	1	0				
	avg duration (h)	7	3					
	max duration (h)	100	25					
	avg temperature (F)	72.7	70.7	71.8				
May								
	total hours (%)	51%	8%	1%	0%	0%		
	number of >= 4 h events	32	0	0				
	number of >= 8 h events	5	0	0				
	avg duration (h)	4	1	1				
	max duration (h)	21	3	1				
	avg temperature (F)	75.4	73.3	73.6				
Jun								
	total hours (%)	64%	11%	1%	0%	0%		
	number of >= 4 h events	38	1	0				
	number of >= 8 h events	11	0	0				
	avg duration (h)	4	1	1				
	max duration (h)	25	5	2				
	avg temperature (F)	77.0	74.8	74.0				

Table 119. Site 32 - Indoor RH Data by month and threshold level for 2004 (HIGHEST humidity in any space)

2004		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
1.d					
Jui					
Iotal Hours (%)					
number of $>= 8$ h events					
number of >= 8 if events					
avg duration (h)					
max duration (n)					
total hours (%)					
number of > -4 b events					
number of $>=$ 8 h events					
ava duration (b)					
max duration (h)					
ava temperature (F)					
Sen					
total hours (%)					
number of >-4 b events					
number of $>= 8$ h events					
ava duration (b)					
max duration (h)					
ava temperature (F)					
Oct					
total hours (%)					
number of $>= 4$ h events					
number of $>= 8$ h events					
ava duration (h)					
max duration (h)					
avg temperature (F)					
Nov					
total hours (%)					
number of $>= 4$ h events					
number of $>= 8$ h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Dec					
total hours (%)					
number of $>= 4$ h events			<u> </u>		
number of $>= 8$ h events			<u> </u>		
avg duration (h)					
max duration (h)					
avg temperature (F)					

	2004	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	51%	19%	0%	0%	0%		
	number of >= 4 h events	9	12	0				
	number of >= 8 h events	7	4	0				
	avg duration (h)	33	3	1				
	max duration (h)	147	10	1				
	avg temperature (F)	69.3	69.9	69.9				
Feb								
	total hours (%)	35%	6%	0%	0%	0%		
	number of >= 4 h events	9	2					
	number of >= 8 h events	6	2					
	avg duration (h)	8	7					
	max duration (h)	69	23					
1	avg temperature (F)	67.7	67.7					
Mar								
	total hours (%)	51%	19%	6%	2%	0%		
	number of >= 4 h events	18	4	2	2			
	number of >= 8 h events	13	2	2	0			
	avg duration (h)	6	6	11	6			
	max duration (h)	68	66	24	7			
	avg temperature (F)	71.2	70.9	69.8	69.4			
Apr								
	total hours (%)	40%	2%	0%	0%	0%		
	number of >= 4 h events	20	0					
	number of >= 8 h events	9	0					
	avg duration (h)	4	2					
	max duration (h)	49	4					
	avg temperature (F)	70.9	69.9					
May								
	total hours (%)	14%	2%	0%	0%	0%		
	number of >= 4 h events	3	0					
	number of >= 8 h events	1	0					
	avg duration (h)	2	1					
	max duration (h)	13	2					
	avg temperature (F)	72.3	71.8					
Jun								
	total hours (%)	13%	2%	0%	0%	0%		
	number of >= 4 h events	0	0					
	number of >= 8 h events	0	0					
	avg duration (h)	1	1					
	max duration (h)	3	1					
	avg temperature (F)	73.2	72.3					

Table 120. Site 32 - Indoor RH Data by month and threshold level for 2004 (AVERAGE of all spaces)

2004		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Ini					
total hours (%)					
number of $>= 4$ h events					
number of $>= 8$ h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Aug					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Sep					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Oct					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Nov					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Dec					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					

	2004	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb								
	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Mar								
	total hours (%)	55%	18%	3%	0%	0%		
	number of >= 4 h events	21	9	2	0	0		
	number of >= 8 h events	16	3	0	0	0		
	avg duration (h)	8	3	2	1	1		
	max duration (h)	43	11	4	1	1		
	avg temperature (F)	72.3	72.2	72.3	71.1	69.7		
Apr								
•	total hours (%)	61%	23%	5%	1%	0%		
	number of >= 4 h events	29	19	1	0	0		
	number of >= 8 h events	18	4	0	0	0		
	avg duration (h)	10	5	2	1	1		
	max duration (h)	52	17	6	1	1		
	avg temperature (F)	72.3	72.0	72.2	72.8	73.8		
May								
	total hours (%)	46%	15%	1%	0%	0%		
	number of >= 4 h events	24	10	0				
	number of >= 8 h events	17	2	0				
	avg duration (h)	6	3	1				
	max duration (h)	27	13	2				
	avg temperature (F)	72.0	72.0	71.5				
Jun	v i • • ()		-					
	total hours (%)	23%	5%	0%	0%	0%		
	number of >= 4 h events	8	4	0				
	number of >= 8 h events	5	0	0				
	avg duration (h)	3	3					
	max duration (h)	14	5					
	avg temperature (F)	73.0	72.5	74.5				

Table 121. Site 33 - Indoor RH Data by month and threshold level for 2004 (HIGHEST humidity in any space)

	Relative	Humidity TI	hreshold	
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
`				
1				
	Above 50% Above 50%	Relative Above 50% Above 55% Above 50% Above 50% Above 50% Above 50%	Relative Humidity TI Above 50% Above 55% Above 60%	Relative Humidity Threshold Above 50% Above 55% Above 60% Above 65%

Relative Humidity Threshold					
70%					
0%					
0%					
0%					
0%					

Table 122. Site 33 - Indoor RH Data by month and threshold level for 2004 (AVERAGE of all spaces)

2004	Relative Humidity Threshold					
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
hul						
total hours (%)						
number of $>= 4$ h events						
number of >-8 h events						
avg duration (h)						
max duration (h)	<u></u>					
avg temperature (F)	<u></u>					
Aug	, 					
total hours (%))					
number of $>= 4$ h events	6					
number of $>= 8$ h events	5					
avg duration (h))					
max duration (h)						
avg temperature (F						
Sep		1	1			
total hours (%))					
number of >= 4 h events	6					
number of >= 8 h events	6					
avg duration (h))					
max duration (h))					
avg temperature (F)					
Oct						
total hours (%))					
number of >= 4 h events	6					
number of >= 8 h events	6					
avg duration (h))					
max duration (h))					
avg temperature (F))					
Nov						
total hours (%))					
number of >= 4 h events	6					
number of >= 8 h events	6					
avg duration (h))					
max duration (h))					
avg temperature (F))					
Dec						
total hours (%))					
number of >= 4 h events	6					
number of >= 8 h events	6					
avg duration (h))					
max duration (h))					
avg temperature (F))					

	2002, 2003	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
lan							
Jan	total hours (%)	0%	0%	0%	0%	0%	
	number of $>= 4$ h events	070	070	070	070	070	
	number of $>= 8$ h events						
	ava duration (b)						
	max duration (h)						
	ava temperature (F)						
Feb	avg temperature (r)						
1.60	total bours (%)	9%	1%	0%	0%	0%	
	number of >-4 b events	370	1 /0	070	070	070	
	number of $>= 8$ h events	1	0				
	ava duration (b)	31	5				
	max duration (h)	56	2 2				
	ava tomporaturo (E)	71.0	71.5				
Mar	avg temperature (F)	71.0	71.5				
Wai	total hours (%)	3/0/	13%	0%	0%	0%	
	r_{10}	3470	1378	078	078	078	
	number of $x = 9$ h events	4	5				
	$\frac{1}{10000000000000000000000000000000000$	3	4				
	avy duration (h)	32	9				
	max duration (n)	103	30				
A	avg temperature (F)	/1.0	/1./				
Apr		F7 0/	4.00/	00/	00/	00/	
	Iotal hours (%)	5/%	12%	0%	0%	0%	
	number of >= 4 If events	11	0				
	number of >= on events	9	0				
	avg duration (n)	13	6				
	max duration (n)	80	18				
	avg temperature (F)	13.2	73.4				
мау		4000/	750/	50/	00/	00(
	total nours (%)	100%	75%	5%	0%	0%	
	number of $>= 4$ h events	0	16	1			
	number of >= 8 h events	0	12	0			
	avg duration (h)		21	2			
	max duration (h)	747	255	4			
	avg temperature (F)	/4./	74.6	74.5			
Jun	total have (0/)	40000	470/	001	00/	00/	
	total nours (%)	100%	17%	0%	0%	0%	
	number of >= 4 n events	0	0				
	number of >= 8 h events	0	0				
	avg duration (h)		3				
	max duration (h)		3				
	avg temperature (F)	75.0	75.3				

Table 123. Site 34 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

	2002, 2003		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
hul						
Jui	total hours (%)					
	number of $>= 4$ h events					
	number of $>= 8$ h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Aug	<u> </u>			1	1	1
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Sep					1	
-	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Oct						
	total hours (%)	100%	100%	85%	0%	0%
	number of >= 4 h events	0	0	4		
	number of >= 8 h events	0	0	4		
	avg duration (h)			22	1	
	max duration (h)			45	1	
	avg temperature (F)	72.1	72.1	72.3		
Nov						
	total hours (%)	38%	16%	0%	0%	0%
	number of >= 4 h events	5	5	0		
	number of >= 8 h events	3	5	0		
	avg duration (h)	18	14	2		
	max duration (h)	104	39	2		
	avg temperature (F)	72.1	72.6	76.6		
Dec						
	total hours (%)	6%	0%	0%	0%	0%
	number of >= 4 h events	2				
	number of >= 8 h events	2				
	avg duration (h)	12				
	max duration (h)	34				
	avg temperature (F)	72.1				

	2002, 2003	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 7	'0%
Jan							
	total hours (%)	0%	0%	0%	0%		0%
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb							
	total hours (%)	0%	0%	0%	0%		0%
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Mar							
	total hours (%)	0%	0%	0%	0%		0%
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Apr				1			
	total hours (%)	0%	0%	0%	0%		0%
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Мау		0.01	224	224	001	1	0 01
	total nours (%)	0%	0%	0%	0%		0%
	number of $>= 4$ h events						
	number of $>= 8$ h events						
	avg duration (n)						
	max duration (n)						
lun	avg temperature (F)					<u> </u>	
Jun	total hours (%)	0%	00/	0%	0%	1	0%
	number of >-4 h events	0%	0%	0%	0%	<u> </u> '	0 /0
	number of $>= 8$ h events						
	ava duration (h)						
	max duration (h)						
	ava temperature (F)						
	avy iemperature (F)	I	1				

Table 124. Site 34 - Indoor RH Data by month and threshold level for 2002, 2003 (AVERAGE of all spaces)

	2002, 2003		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
11						
Jui	total houre (%)		1		1	1
	number of >-4 b events					
	number of $>= 8$ h events					
	ava duration (b)					
	max duration (h)					
	ava temperature (F)					
Διια						
Aug	total hours (%)					
	number of $>= 4$ h events					
	number of $>= 8$ h events					
	ava duration (h)					
	max duration (h)					
	avg temperature (F)					
Sep						
	total hours (%)					
	number of $>= 4$ h events					
	number of $>= 8$ h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Oct						
	total hours (%)	7%	0%	0%	0%	0%
	number of >= 4 h events	2				
	number of >= 8 h events	0				
	avg duration (h)	3				
	max duration (h)	7				
	avg temperature (F)	71.9				
Nov						
	total hours (%)	0%	0%	0%	0%	0%
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Dec						
	total hours (%)	0%	0%	0%	0%	0%
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2003	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	4%	2%	0%	0%	0%		
	number of >= 4 h events	1	1	0	0			
	number of >= 8 h events	1	0	0	0			
	avg duration (h)	8	5					
	max duration (h)	15	5					
	avg temperature (F)	72.0	73.0	69.7	69.7			
Feb								
	total hours (%)	22%	6%	0%	0%	0%		
	number of >= 4 h events	5	1					
	number of >= 8 h events	4	1					
	avg duration (h)	19	21					
	max duration (h)	79	41					
	avg temperature (F)	70.4	71.3					
Mar								
	total hours (%)	47%	25%	1%	0%	0%		
	number of >= 4 h events	3	2	1				
	number of >= 8 h events	3	2	0				
	avg duration (h)	88	94	4				
	max duration (h)	214	163	7				
	avg temperature (F)	71.6	72.1	74.3				
Apr				-	I			
•	total hours (%)	74%	37%	8%	3%	1%		
	number of >= 4 h events	4	6	5	1	1		
	number of >= 8 h events	4	6	3	1	0		
	avg duration (h)	198	59	8	7	5		
	max duration (h)	587	291	23	18	5		
	avg temperature (F)	75.6	75.9	76.3	76.6	77.5		
Mav								
,	total hours (%)	98%	96%	66%	15%	1%		
	number of >= 4 h events	0	0	9	7	1		
	number of $>= 8$ h events	0	0	7	4	0		
	avg duration (h)			24	6	4		
	max duration (h)			229	41	5		
	avg temperature (F)	76.9	76.9	77.0	77.0	76.0		
Jun		. 0.0	. 0.0			. 0.0		
	total hours (%)	100%	100%	0%	0%	0%		
	number of $>= 4$ h events	0	0	570	570	0,0		
	number of $>= 8 h events$	0	0					
	avg duration (h)	Ű						
	max duration (h)							
	avg temperature (F)	76.5	76.5					

Table 125. Site 35 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

2003		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
total hours (%)				
number of >= 4 h events	6				
number of >= 8 h events	6				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Aug					
total hours (%)				
number of >= 4 h events	5				
number of >= 8 h events	6				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Sep					
total hours (%)				
number of >= 4 h events	5				
number of >= 8 h events	5				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Oct					
total hours (%)				
number of >= 4 h events	6				
number of >= 8 h events	6				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Nov					
total hours (%)				
number of >= 4 h events	6				
number of >= 8 h events	6				
avg duration (h)				
max duration (h)				
avg temperature (F)				
Dec					
total hours (%)				
number of >= 4 h events	6				
number of >= 8 h events	6				
avg duration (h)				
max duration (h)				
avg temperature (F)				

	2003	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70	
Jan							
••••	total hours (%)	2%	0%	0%	0%	00	
	number of >= 4 h events	1	0				
	number of >= 8 h events	0	0				
	avg duration (h)	5					
	max duration (h)	5					
	avg temperature (F)	71.9	68.8				
Feb							
	total hours (%)	10%	4%	0%	0%	00	
	number of >= 4 h events	2	1				
	number of >= 8 h events	2	1				
	avg duration (h)	18	25				
	max duration (h)	56	25				
	avg temperature (F)	69.8	70.4				
Mar							
	total hours (%)	35%	16%	0%	0%	00	
	number of >= 4 h events	4	4				
	number of >= 8 h events	3	2				
	avg duration (h)	43	20				
	max duration (h)	189	68				
	avg temperature (F)	70.9	71.6				
Apr			•				
	total hours (%)	65%	29%	5%	2%	19	
	number of >= 4 h events	7	7	2	1		
	number of >= 8 h events	7	7	2	1		
	avg duration (h)	103	51	12	17		
	max duration (h)	330	283	22	17		
	avg temperature (F)	74.9	75.4	75.8	76.3	76.	
May							
	total hours (%)	98%	96%	53%	8%	09	
	number of >= 4 h events	0	3	11	3		
	number of >= 8 h events	0	3	8	1		
	avg duration (h)		160	18	2		
	max duration (h)		433	207	12		
	avg temperature (F)	76.3	76.3	76.4	76.1		
Jun							
	total hours (%)	100%	90%	0%	0%	09	
	number of >= 4 h events	0	1				
	number of >= 8 h events	0	1				
	avg duration (h)		18				
	max duration (h)		18				
	avg temperature (F)	75.9	76.1				

Table 126. Site 35 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

2003		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Iul					
total bours (%)					
number of $>= 4$ h events					
number of $>= 8$ h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
total hours (%)					
number of $>= 4$ h events					
number of $>= 8$ h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Sep					
total hours (%)					
number of $>= 4$ h events					
number of $>= 8$ h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Oct					
total hours (%)					
number of $>= 4$ h events					
number of $>= 8$ h events					
ave duration (h)					
max duration (h)					
avg temperature (F)					
Nov		I			
total hours (%)					
number of $>= 4$ h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Dec					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
.					

	2003	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan								
	total hours (%)	0%	0%	0%	0%	0%		
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb								
	total hours (%)	5%	0%	0%	0%	0%		
	number of >= 4 h events	1	0					
	number of >= 8 h events	1	0					
	avg duration (h)	9	1					
	max duration (h)	32	1					
	avg temperature (F)	71.9	71.5					
Mar								
	total hours (%)	25%	3%	0%	0%	0%		
	number of >= 4 h events	5	2					
	number of >= 8 h events	5	0					
	avg duration (h)	19	2					
	max duration (h)	62	7					
	avg temperature (F)	73.8	74.8					
Apr								
-	total hours (%)	26%	1%	0%	0%	0%		
	number of >= 4 h events	9	0					
	number of >= 8 h events	8	0					
	avg duration (h)	12	2					
	max duration (h)	47	2					
	avg temperature (F)	77.0	76.5					
May								
•	total hours (%)	73%	17%	0%	0%	0%		
	number of >= 4 h events	16	12	0	0			
	number of >= 8 h events	11	6	0	0			
	avg duration (h)	16	4	1	1			
	max duration (h)	207	14	1	1			
	avg temperature (F)	77.1	77.5	76.6	76.6			
Jun	.							
	total hours (%)	41%	3%	0%	0%	0%		
	number of >= 4 h events	1	0					
	number of >= 8 h events	1	0					
	avg duration (h)	6	1					
	max duration (h)	10	1					
	avg temperature (F)	78.4	78.4					

Table 127. Site 36 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

2003		Relative	Humidity Th	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
hal					
Jui					
101a1 Hours (%)	!				
number of $z = 8$ h events					
number or >= on events					
avg duration (n					
	·				
avg temperature (F	1				
Aug					
total hours (%)					
number of >= 4 if events					
number or >= on events					
avg duration (n					
avg temperature (F	1				
Sep					
Iotal Hours (%					
number of >= 4 if events					
number of >= o n events					
avg duration (n					
max duration (n					
avg temperature (F	1				
total nours (%	!				
number of >= 4 n events	·				
number of >= 8 n events	·				
avg duration (n					
max duration (n					
avg temperature (F	1				
NOV		1			
total hours (%)					
number of $>= 4$ n events	i				
number of >= 8 h events					
avg duration (n					
max duration (n					
avg temperature (F)				
total nours (%					
number of >= 4 h events	·				
number of >= 8 h events	·				
avg duration (h					
max duration (h	·				
avg temperature (F)				

	2003	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
lan							
oun	total hours (%)	0%	0%	0%	0%	0%	
	number of $>= 4$ h events	0,0	0,0	0,0	0,0		
	number of $>= 8$ h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb						1	
	total hours (%)	4%	0%	0%	0%	0%	
	number of $>= 4$ h events	1					
	number of >= 8 h events	1					
	avg duration (h)	30					
	max duration (h)	30					
	avg temperature (F)	71.7					
Mar	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	1	<u> </u>	
	total hours (%)	15%	0%	0%	0%	0%	
	number of >= 4 h events	6					
	number of >= 8 h events	4					
	avg duration (h)	7					
	max duration (h)	35					
	avg temperature (F)	73.1					
Apr							
	total hours (%)	14%	0%	0%	0%	0%	
	number of >= 4 h events	8					
	number of >= 8 h events	6					
	avg duration (h)	14					
	max duration (h)	27					
	avg temperature (F)	76.6					
May							
	total hours (%)	50%	5%	0%	0%	0%	
	number of >= 4 h events	19	3				
	number of >= 8 h events	11	0				
	avg duration (h)	13	3				
	max duration (h)	114	7				
	avg temperature (F)	76.5	77.1				
Jun							
	total hours (%)	17%	0%	0%	0%	0%	
	number of >= 4 h events	0					
	number of >= 8 h events	0					
	avg duration (h)	2					
	max duration (h)	2					
	avg temperature (F)	78.2					

Table 128. Site 36 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

MonthAbove 50%Above 60%Above 60%Above 60%Above 70%Jultotal hours (%)number of >= 4 h eventsavg duration (h)max duration (h)avg temperature (F)Augtotal hours (%)number of >= 4 h eventsnumber of >= 8 h eventsnumber of >= 8 h eventsnumber of >= 8 h eventsavg duration (h)max duration (h)avg duration (h)max duration (h)max duration (h)mumber of >= 4 h eventsavg duration (h)max duration (h)avg temperature (F)Septotal hours (%)number of >= 4 h eventsavg duration (h)avg temperature (F)say duration (h)avg duration (h)avg duration (h)avg temperature (F)total hours (%)number of >= 4 h eventsavg duration (h)avg temperature (F)total hours (%)number of >= 4 h eventsavg duration (h)avg temperature (F)number of >= 4 h eventsnumber of >=	2003		Relative	Humidity Th	nreshold	
Jul total hours (%) number of >= 8 h events avg duration (h) avg duration (h) avg duration (h) Aug Aug number of >= 4 h events number of >= 8 h events avg duration (h) avg temperature (F) avg temperature (F) savg temperature (F) Sep total hours (%)	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jui total hours (%) number of >= 4 h events avg duration (h) avg temperature (F) Aug number of >= 4 h events number of >= 4 h events number of >= 8 h events avg duration (h) </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
total nours (%)	Jul					
number of >= 8 h events	total hours (%)					
number of >= 0 h events	number of >= 4 h events					
avg duration (h)	number of ≥ 8 h events					
Aug	avg duration (n)					
Aug	max duration (n)					
Aug total hours (%) Image: constraint of the second secon	avg temperature (F)					
Interpretation Image: Constraint of Section Image: Constr	Aug					
number of >= 8 h events	total hours (%)					
number of >= 8 n events	number of >= 4 h events					
avg duration (h)	number of >= 8 h events					
max duration (h) image: max duration (h) avg temperature (F) image: max duration (h) image: max duration (h) number of >= 4 h events image: max duration (h) image: max duration (h) avg duration (h) image: max duration (h) image: max duration (h) avg temperature (F) image: max duration (h) image: max duration (h) Oct image: max duration (h) image: max duration (h) number of >= 4 h events image: max duration (h) image: max duration (h) max duration (h) image: max duration (h) image: max duration (h) max duration (h) image: max duration (h) image: max duration (h) max duration (h) image: max duration (h) image: max duration (h) mumber of >= 4 h events image: max duration (h) image: max duration (h) number of >= 4 h events image: max duration (h) image: max duration (h) max duration (h) image: max duration (h) image: max duration (h) max duration (h) image: max duration (h) image: max duration (h) max duration (h) image: max duration (h) image: max duration (h) mumber of >= 4 h e	avg duration (h)					
avg temperature (F)	max duration (n)					
total hours (%)	avg temperature (F)					
total nours (%) Image: constraint of the second secon	Sep					
number of >= 8 h events	total hours (%)					
number of >= 8 h events avg duration (h) max duration (h) Image: mail of the second seco	number of >= 4 h events					
avg duration (h)Image of the second sec	number of >= 8 h events					
max duration (h)Image: constraint of the second secon	avg duration (h)					
avg temperature (F)Image: constraint of temperature (F)OctImage: constraint of temperature (F)number of >= 8 h eventsavg duration (h)avg duration (h)avg duration (h)avg duration (h)avg temperature (F)Novtotal hours (%)number of >= 8 h eventsavg duration (h)avg temperature (F)Image: constraint of temperature (F)Novtotal hours (%)number of >= 8 h eventsavg duration (h)avg temperature (F)Dectotal hours (%)number of >= 4 h eventsnumber of >= 4 h eventsavg temperature (F)Dectotal hours (%)number of >= 8 h eventsavg duration (h)mumber of >= 8 h eventsavg duration (h)avg temperature (F)	max duration (h)					
Oct total hours (%)	avg temperature (F)					
total hours (%)Image: constraint of the events	Oct					
number of >= 4 h events Image: second s	total hours (%)					
number of >= 8 h events Image: state of the	number of $>= 4$ h events					
avg duration (h) <td< td=""><td>number of >= 8 h events</td><td></td><td></td><td></td><td></td><td></td></td<>	number of >= 8 h events					
$\begin{array}{c c c c c c c } max duration (h) & & & & & & & & & & & & & & & & & & &$	avg duration (h)					
avg temperature (F) Nov total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) avg temperature (F)	max duration (h)					
Nov total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) <	avg temperature (F)					
total hours (%)	Nov					
number of >= 4 h events	total hours (%)					
number of >= 8 h events	number of >= 4 h events					
avg duration (h) <td< td=""><td>number of >= 8 h events</td><td></td><td></td><td></td><td></td><td></td></td<>	number of >= 8 h events					
max duration (h) avg temperature (F) Image: Constraint of the sector of th	avg duration (h)					
avg temperature (F) Image: Constraint of the second s	max duration (h)					
total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) avg temperature (F)	avg temperature (F)					
total hours (%)	Dec					
number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F)	total hours (%)					
number of >= 8 h events	number of >= 4 h events					
avg duration (h) avg temperature (F)	number of >= 8 h events					
max duration (h)	avg duration (h)					
avg temperature (F)	max duration (h)					
	avg temperature (F)					

	2002, 2003	Relative Humidity Threshold				
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						
oun	total hours (%)	0%	0%	0%	0%	0%
	number of $>= 4$ h events	070	070	070	070	070
	number of $>= 8$ h events					
	ava duration (h)					
	max duration (h)					
	avg temperature (F)					
Feb					1	<u> </u>
	total hours (%)	4%	0%	0%	0%	0%
	number of $>= 4$ h events	1	0,0	0,0	0,0	
	number of $>= 8$ h events	1				
	ava duration (h)	14				
	max duration (h)	27				
	avg temperature (F)	70.0				
Mar					1	<u> </u>
	total hours (%)	7%	0%	0%	0%	0%
	number of $>= 4$ h events	2				
	number of $>= 8$ h events	2				
	ava duration (h)	13				
	max duration (h)	35				
	avg temperature (F)	72.0				
Apr		. 2.0			1	<u> </u>
	total hours (%)	22%	4%	2%	1%	0%
	number of $>= 4$ h events	9	2	0	0	
	number of $>= 8$ h events	7	1	0	0	
	ava duration (h)	13	3	1	1	
	max duration (h)	62	11	3	1	
	avg temperature (F)	74.1	73.9	73.8	74.0	
Mav	<u> </u>				-	<u> </u>
,	total hours (%)	94%	73%	34%	9%	0%
	number of $>= 4$ h events	7	29	17	0	0
	number of >= 8 h events	6	18	8	0	0
	avg duration (h)	51	11	3	1	1
	max duration (h)	342	78	21	2	1
	avg temperature (F)	75.4	75.2	75.3	74.7	74.5
Jun			. 012	. 0.0		
	total hours (%)	98%	73%	38%	6%	0%
	number of $>= 4$ h events	5	33	12	2	0
	number of >= 8 h events	3	16	5	0	0
	avg duration (h)	23	5	2	2	
	max duration (h)	86	44	16	4	
	avg temperature (F)	76.0	75.9	75.7	75.6	76.6

Table 129. Site 37 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

2002, 2003	Relative Humidity Threshold					
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
lul.						
Jui					1	
1000000000000000000000000000000000000						
number of >= 4 if events						
number of >= 8 h events						
avg duration (h)						
max duration (n)						
avg temperature (F)						
Aug					1	
number of >= 4 h events						
number of >= on events						
avg duration (h)						
max duration (n)						
avg temperature (F)						
Sep			1	1	1	
Iotal Hours (%)						
number of >= 4 h events						
number of >= on events						
avg duration (h)						
max duration (n)						
avg temperature (F)						
	09/	00/	09/	00/	00/	
Iotal Hours (%)	0%	0%	0%	0%	0%	
number of $y = 4$ h events						
number of >= on events						
avg duration (h)						
max duration (n)						
avg temperature (F)						
NOV	69/	09/	09/	0%	0%	
1000000000000000000000000000000000000	0%	0%	0%	0%	0%	
number of $>= 8$ h events	4	0				
number of >= on events	10	0				
avy duration (II)	10	2				
	72.4	72.0				
	12.4	12.0				
total hours (%)	0%	0%	0%	0%	0%	
number of >-4 b events	076	076	076	0%	0%	
number of $>= 4$ if events						
ava duration (h)						
avy duration (h)						
ava temperatura (E)						
avy temperature (F)	<u> </u>			1	1	

	2002, 2003	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
••••	total hours (%)	0%	0%	0%	0%	0%	
	number of $>= 4$ h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb				1	1		
	total hours (%)	3%	0%	0%	0%	0%	
	number of $>= 4$ h events	1					
	number of $>= 8$ h events	1					
	avg duration (h)	10					
	max duration (h)	19					
	avg temperature (F)	70.2					
Mar	(·)						
	total hours (%)	6%	0%	0%	0%	0%	
	number of $>= 4$ h events	2					
	number of $>= 8$ h events	2					
	avg duration (h)	15					
	max duration (h)	31					
	avg temperature (F)	71.5					
Apr		_		I	I		
•	total hours (%)	18%	3%	1%	0%	0%	
	number of $>= 4$ h events	10	2	0			
	number of >= 8 h events	8	1	0			
	avg duration (h)	10	2	2			
	max duration (h)	51	11	2			
	avg temperature (F)	73.7	73.3	73.3			
Mav							
	total hours (%)	88%	60%	20%	0%	0%	
	number of >= 4 h events	17	33	8			
	number of >= 8 h events	13	18	5			
	avg duration (h)	25	5	3			
	max duration (h)	130	59	21			
	avg temperature (F)	74.6	74.7	74.9			
Jun		_		-	1		
	total hours (%)	89%	52%	12%	0%	0%	
	number of >= 4 h events	32	23	4	0		
	number of >= 8 h events	18	12	0	0		
	avg duration (h)	12	3	2	1		
	max duration (h)	70	17	6	1		
	avg temperature (F)	75.1	75.0	75.1	75.9		

Table 130. Site 37 - Indoor RH Data by month and threshold level for 2002, 2003 (AVERAGE of all spaces)

2002, 2003		Relative	Humidity TI	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
1.1					
Jul				1	1
total hours (%)					
number of $y = 4$ in events					
number of >= on events					
avy duration (h)					
avg temperature (F)					
total hours (%)					1
number of > -4 b events					
number of $>= 8$ h events					
ava duration (h)					
max duration (h)					
ava temperature (F)					
Sen					
total hours (%)					
number of >-4 h events					
number of $>= 8$ h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Oct					
total hours (%)	0%	0%	0%	0%	0%
number of $>= 4$ h events					
number of $>= 8$ h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Nov				1	1
total hours (%)	1%	0%	0%	0%	0%
number of >= 4 h events	1				
number of >= 8 h events	0				
avg duration (h)	6				
max duration (h)	6				
avg temperature (F)	72.1				
Dec				1	1
total hours (%)	0%	0%	0%	0%	0%
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					

2002, 2003 Relativ				ative Humidity Threshold			
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
•	total hours (%)	0%	0%	0%	0%	0%	
	number of >= 4 h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb	<u> </u>				1	1	
	total hours (%)	5%	0%	0%	0%	0%	
	number of >= 4 h events	1	0				
	number of >= 8 h events	1	0				
	avg duration (h)	18	2				
	max duration (h)	32	2				
	avg temperature (F)	71.5	71.8				
Mar	<u> </u>	_	-		1	1	
	total hours (%)	15%	1%	0%	0%	0%	
	number of >= 4 h events	5	0				
	number of >= 8 h events	4	0				
	avg duration (h)	9	1				
	max duration (h)	41	2				
	avg temperature (F)	71.0	71.6				
Apr			1			1	
-	total hours (%)	31%	5%	0%	0%	0%	
	number of >= 4 h events	11	5				
	number of >= 8 h events	7	1				
	avg duration (h)	28	4				
	max duration (h)	317	9				
	avg temperature (F)	74.3	75.7				
May							
•	total hours (%)	98%	89%	51%	16%	0%	
	number of >= 4 h events	2	14	22	10		
	number of >= 8 h events	2	10	12	4		
	avg duration (h)	96	37	8	3		
	max duration (h)	454	208	72	12		
	avg temperature (F)	75.5	75.5	75.9	76.3		
Jun							
	total hours (%)	100%	79%	3%	0%	0%	
	number of >= 4 h events	0	1	0			
	number of >= 8 h events	0	0	0			
	avg duration (h)		4	1			
	max duration (h)		6	1			
	avg temperature (F)	76.3	76.4	77.3			

Table 131. Site 38 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

2002, 2003	Relative Humidity Threshold				
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Aug					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					
Sep			1	1	1
total hours (%)					
number of >= 4 h events					
number of >= 8 n events					
avg duration (h)					
max duration (n)					
avg temperature (F)					
	00/	00/	00/	00/	00/
total hours (%)	0%	0%	0%	0%	0%
number of >= 4 if events					
number of >= on events					
avg duration (h)					
max duration (n)					
avg temperature (F)					
total hours (%)	20/	0%	0%	0%	0%
number of >-4 b events	2 /0	0 78	078	0 78	078
number of $>= 8$ h events	1				
ava duration (b)	0				
max duration (h)	5				
ava temperature (F)	72.6				
	72.0				
total hours (%)	1%	0%	በ%	0%	0%
number of $>= 4$ h events	1/0	0,0	070	070	070
number of $>= 8$ b events	0	0		+	
avg duration (h)	6	1			
max duration (h)	6	1			
avg temperature (F)	72.4	72.5			
	12.4	12.0	1	1	1

	2002, 2003	Relative Humidity Threshold					
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan							
•	total hours (%)	0%	0%	0%	0%	0%	
	number of $>= 4$ h events						
	number of >= 8 h events						
	avg duration (h)						
	max duration (h)						
	avg temperature (F)						
Feb							
	total hours (%)	4%	0%	0%	0%	0%	
	number of $>= 4$ h events	1					
	number of $>= 8$ h events	1					
	avg duration (h)	30					
	max duration (h)	30					
	avg temperature (F)	70.8					
Mar							
	total hours (%)	11%	0%	0%	0%	0%	
	number of $>= 4$ h events	5					
	number of $>= 8$ h events	3					
	avg duration (h)	9					
	max duration (h)	22					
	avg temperature (F)	70.9					
Apr							
	total hours (%)	25%	4%	0%	0%	0%	
	number of $>= 4$ h events	8	3				
	number of >= 8 h events	8	0				
	avg duration (h)	29	3				
	max duration (h)	283	7				
	avg temperature (F)	73.9	75.0				
Mav	5 - T			l	l	l	
,	total hours (%)	95%	80%	35%	7%	0%	
	number of >= 4 h events	9	21	22	4		
	number of >= 8 h events	8	16	11	1		
	avg duration (h)	43	17	5	3		
	max duration (h)	214	83	19	10		
	avg temperature (F)	74.8	74.9	75.3	75.7		
Jun						1	
	total hours (%)	95%	47%	0%	0%	0%	
	number of >= 4 h events	0	1				
	number of >= 8 h events	0	0				
	avg duration (h)		3				
	max duration (h)		6				
	avg temperature (F)	75.4	75.8				

Table 132. Site 38 - Indoor RH Data by month and threshold level for 2002, 2003 (AVERAGE of all spaces)

2002, 2003	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul								
total hours (%)							
number of >= 4 h events	6							
number of >= 8 h events	6							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Aug								
total hours (%)							
number of >= 4 h events	3							
number of >= 8 h events	3							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Sep								
total hours (%)							
number of >= 4 h events	3							
number of >= 8 h events	3							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Oct	-							
total hours (%) 0%	0%	0%	0%	0%			
number of >= 4 h events	6							
number of >= 8 h events	6							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Nov			1		1			
total hours (%) 0%	0%	0%	0%	0%			
number of >= 4 h events	6							
number of >= 8 h events	6							
avg duration (h)							
max duration (h)							
avg temperature (F)							
Dec								
total hours (%) 0%	0%	0%	0%	0%			
number of >= 4 h events	s 0							
number of >= 8 h events	s 0							
avg duration (h	1							
max duration (h	1							
avg temperature (F) 71.4							
	2002, 2003	Relative Humidity Threshold						
----------	---------------------------	-----------------------------	-----------	-----------	-----------	-----------	--	--
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
.lan								
oun	total hours (%)	0%	0%	0%	0%	0%		
	number of $>= 4$ h events	0,0	0,0	0,0	0,0	0,0		
	number of $>= 8$ h events							
	avg duration (h)	2						
	max duration (h)	2						
	avg temperature (F)							
Feb						<u> </u>		
	total hours (%)	2%	0%	0%	0%	0%		
	number of $>= 4$ h events	1	0					
	number of $>= 8$ h events	1	0					
	ava duration (h)	5						
	max duration (h)	9						
	avg temperature (F)	73.4	73.8					
Mar			1010			<u> </u>		
	total hours (%)	2%	0%	0%	0%	0%		
	number of $>= 4$ h events	1						
	number of $>= 8$ h events	0						
	avg duration (h)	4						
	max duration (h)	6						
	avg temperature (F)	72.1						
Apr						<u> </u>		
	total hours (%)	20%	2%	0%	0%	0%		
	number of $>= 4$ h events	9	1					
	number of $>= 8$ h events	7	0					
	ava duration (h)	8	2					
	max duration (h)	32	4					
	avg temperature (F)	73.9	74.2					
Mav				ļ	ļ	<u> </u>		
,	total hours (%)	94%	65%	24%	3%	0%		
	number of $>= 4$ h events	16	28	11	0			
	number of $>= 8$ h events	10	16	3	0			
	avg duration (h)	37	8	3	2			
	max duration (h)	252	42	12	4			
	avg temperature (F)	73.6	73.8	74.3	75.1			
Jun			1010			<u> </u>		
	total hours (%)	93%	32%	8%	0%	0%		
	number of $>= 4$ h events	1	0	0	570			
	number of >= 8 h events	0	0	0				
	avg duration (h)	4	2	2				
	max duration (h)	4	4	2				
	avg temperature (F)	74.1	74 2	74 8				
					1	1		

Table 133. Site 39 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

	2002, 2003		Relative	Humidity T	hreshold	
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul						
•ui	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Aug						
-	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Sep			1			1
	total hours (%)					
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Oct	<u> </u>					
	total hours (%)	0%	0%	0%	0%	0%
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					
Nov						
	total hours (%)	1%	0%	0%	0%	0%
	number of >= 4 h events	0				
	number of >= 8 h events	0				
	avg duration (h)	2				
	max duration (h)	2				
	avg temperature (F)	73.0				
Dec						
	total hours (%)	0%	0%	0%	0%	0%
	number of >= 4 h events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
	avg temperature (F)					

	2002, 2003	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
lan									
oun	total hours (%)	0%	0%	0%	0%	0%			
	number of $>= 4$ h events	070	070	070	070	070			
	number of >-8 b events								
	ava duration (h)								
	max duration (h)								
	avg temperature (F)								
Feb									
100	total hours (%)	0%	0%	0%	0%	0%			
	number of >-4 b events	070	070	070	070	070			
	number of $>= 8$ h events								
	ava duration (b)								
	max duration (h)								
	ava temperature (F)								
Mar	avy temperature (F)	<u> </u>	1	1					
Iniai	total hours (%)	0%	0%	0%	0%	0%			
	number of > -4 b events	070	070	070	070	070			
	number of $>= 8$ h events								
	ava duration (b)								
	max duration (h)								
	ava tomporaturo (E)								
Apr	avg temperature (1)	-							
лрі	total hours (%)	18%	2%	0%	0%	0%			
	number of > -4 b events	10/0	2 /0	0 /0	070	070			
	number of $>= 8$ h events	0	1						
	number of ≥ 0 if events	7	2						
	max duration (h)	22	2						
	ava tomporaturo (E)	73.6	74.0						
Mov	avg temperature (1)	73.0	74.0	ļ	ļ				
way	total hours (0/)	010/	590/	210/	20/	00/			
	number of >-4 h overte	3170		2170	270	0%			
	number of $>= 9$ h events	17	20	9	0				
	number of >= on events	12	14	1	0				
	avy duration (h)	30	1	3	2				
	max uuration (n)	100	40	74.4	74.9				
lun	avg temperature (F)	/ 3.3	73.6	74.1	74.8				
Juli	total hours (9/)	g.20/	3.00/	20/	00/	00/			
	101a1 HOURS(%)	02%	32%	3%	0%	0%			
	number of $x = 9$ h events		0	0					
		- 0	0	0					
	avg duration (h)	5	2	1					
	max duration (h)	707	4	1					
	avg temperature (F)	/3.7	/3.9	/4.9					

Table 134. Site 39 - Indoor RH Data by month and threshold level for 2002, 2003 (AVERAGE of all spaces)

2002, 2003		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
total hours (%)				1
number of >= 4 h ever	nts				
number of >= 8 h ever	nts				
avg duration	(h)				
max duration	(h)				
avg temperature	(F)				
Aug	()				1
total hours (%)				
number of >= 4 h ever	nts				
number of >= 8 h ever	nts				
avg duration	(h)				
max duration	(h)				
avg temperature	(F)				
Sep			1		
total hours (%)				
number of >= 4 h ever	nts				
number of >= 8 h ever	nts				
avg duration	(h)				
max duration	(h)				
avg temperature	(F)				
Oct					
total hours (%) 0%	0%	0%	0%	0%
number of >= 4 h ever	nts				
number of >= 8 h ever	nts				
avg duration	(h)				
max duration	(h)				
avg temperature	(F)				
Nov					
total hours (%) 0%	0%	0%	0%	0%
number of >= 4 h ever	nts 0				
number of >= 8 h ever	nts 0				
avg duration	(h) 2				
max duration	(h) 2				
avg temperature	(F) 72.5				
Dec					
total hours (%) 0%	0%	0%	0%	0%
number of >= 4 h ever	nts				
number of >= 8 h ever	nts				
avg duration	(h)				
max duration	(h)				
avg temperature	(F)				

	2004, 2005	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
.lan									
oun	total hours (%)	50%	12%	0%	0%	0%			
	number of $>= 4$ h events	14	4	0	0				
	number of $>= 8$ h events	12	2	0	0				
	avg duration (h)	12	6	1	1				
	max duration (h)	59	43	1	1				
	avg temperature (F)	72.7	71.3	72.1	72.5				
Feb									
	total hours (%)	46%	5%	0%	0%	0%			
	number of $>= 4$ h events	1	1						
	number of $>= 8$ h events	1	0						
	avg duration (h)	28	3						
	max duration (h)	55	8						
	avg temperature (F)	71.9	72.2						
Mar									
	total hours (%)								
	number of $>= 4$ h events								
	number of $>= 8$ h events								
	ava duration (h)								
	max duration (h)								
	avg temperature (F)								
Apr									
	total hours (%)	78%	6%	2%	2%	1%			
	number of $>= 4$ h events	4	0	0	0	C			
	number of $>= 8$ h events	2	0	0	0	C			
	ava duration (h)	6	1	1	1				
	max duration (h)	16	2	1	1				
	avg temperature (F)	74.7	75.1	74.9	74.9	75.2			
Mav									
,	total hours (%)	62%	8%	0%	0%	0%			
	number of $>= 4$ h events	24	4	0					
	number of $>= 8$ h events	16	2	0					
	avg duration (h)	9	3	1					
	max duration (h)	122	9	1					
	avg temperature (F)	77.1	77.6	75.9					
Jun				70.0	1	1			
	total hours (%)	90%	16%	0%	0%	0%			
	number of $>= 4$ h events	14	10	570	570				
	number of $>= 8 h events$	12	2						
	ava duration (h)	38	3						
	max duration (h)	215	10						
	avg temperature (F)	78 3	78 3						

Table 135. Site 40 - Indoor RH Data by month and threshold level for 2004, 2005 (HIGHEST humidity in any space)

2004, 2005	Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Ind							
total bours (%	01%	8%	0%	0%	0%		
number of >-4 b events	21	5	0/0	070	070		
number of $>=$ 8 h events	15	2	0				
ava duration (h	74	2	0				
max duration (h	1618	10					
ava temperature (F	77 7	77.8	77.3				
Aug	, , , , , , ,	11.0	11.0				
total hours (%	100%	19%	3%	0%	0%		
number of $>= 4$ h events	0	11	1	0			
number of $>= 8$ h events	s 0	2	1	0			
avg duration (h)	3	5				
max duration (h)	41	15				
avg temperature (F	77.0	77.2	79.1	77.3			
Sep				_			
total hours (%) 100%	76%	25%	5%	0%		
number of $>= 4$ h events	s 0	14	10	1	0		
number of >= 8 h events	s 0	12	6	1	0		
avg duration (h)	20	6	6	1		
max duration (h)	138	53	29	1		
avg temperature (F	76.4	76.6	76.7	78.2	77.3		
Oct							
total hours (%) 48%	12%	2%	0%	0%		
number of >= 4 h events	s 19	2	2	0			
number of >= 8 h events	s 9	2	1	0			
avg duration (h) 6	8	10	2			
max duration (h) 34	66	11	2			
avg temperature (F) 76.4	76.6	77.1	77.3			
Nov							
total hours (%) 48%	2%	0%	0%	0%		
number of >= 4 h events	s 28	1					
number of >= 8 h events	s 20	0					
avg duration (h) 8	2					
max duration (h) 21	5					
avg temperature (F) 74.3	74.2					
Dec							
total hours (%) 41%	4%	0%	0%	0%		
number of >= 4 h events	s 16	2	0				
number of >= 8 h events	s 12	1	0				
avg duration (h) 16	3	1				
max duration (h) 164	10	1				
avg temperature (F) 71.5	72.5	72.5				

	2004, 2005	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
.lan									
oun	total hours (%)	43%	7%	0%	0%	0%			
	number of $>= 4$ h events	17	3	0					
	number of >= 8 h events	13	1	0					
	avg duration (h)	12	7	1					
	max duration (h)	33	32	1					
	avg temperature (F)	72.2	70.7	72.1					
Feb									
	total hours (%)	44%	4%	0%	0%	0%			
	number of >= 4 h events	1	0						
	number of >= 8 h events	1	0						
	avg duration (h)	26	3						
	max duration (h)	51	3						
	avg temperature (F)	71.6	71.9						
Mar									
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Apr									
	total hours (%)	25%	2%	1%	1%	0%			
	number of >= 4 h events	3	0	0	0				
	number of >= 8 h events	0	0	0	0				
	avg duration (h)	4	1						
	max duration (h)	6	1						
	avg temperature (F)	73.8	74.8	75.2	75.2				
Мау									
	total hours (%)	23%	0%	0%	0%	0%			
	number of >= 4 h events	8							
	number of >= 8 h events	7							
	avg duration (h)	6							
	max duration (h)	27							
	avg temperature (F)	76.1							
Jun									
	total hours (%)	57%	0%	0%	0%	0%			
	number of >= 4 h events	26							
	number of >= 8 h events	17							
	avg duration (h)	9							
	max duration (h)	46			L				
	avg temperature (F)	76.6							

Table 136. Site 40 - Indoor RH Data by month and threshold level for 2004, 2005 (AVERAGE of all spaces)

2004, 2005		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
total hours (%)	47%	0%	0%	0%	0%
number of >= 4 h events	25	0			
number of >= 8 h events	14	0			
avg duration (h)	9				
max duration (h)	123				
avg temperature (F)	76.7	78.2			
Aug	0.404	50/	201	224	
total hours (%)	94%	5%	2%	0%	0%
number of $>= 4$ h events	15	1	1		
number of $>= 8$ h events	13	1	1		
avg duration (h)	24	4	13		
max duration (h)	161	24	13		
avg temperature (F)	75.9	77.1	79.0		
Sep					
total hours (%)	99%	46%	8%	2%	0%
number of $>= 4$ h events	3	16	2	1	
number of >= 8 h events	2	11	2	1	
avg duration (h)	274	11	8	14	
max duration (h)	410	73	37	14	
avg temperature (F)	75.5	76.0	77.0	78.3	
Oct					
total hours (%)	37%	4%	0%	0%	0%
number of >= 4 h events	14	3	0		
number of >= 8 h events	6	2	0		
avg duration (h)	5	6	1		
max duration (h)	15	12	1		
avg temperature (F)	75.9	75.8	76.2		
Nov					
total hours (%)	34%	1%	0%	0%	0%
number of >= 4 h events	25	1			
number of >= 8 h events	13	0			
avg duration (h)	7	4			
max duration (h)	18	4			
avg temperature (F)	74.0	75.1			
Dec					
total hours (%)	31%	1%	0%	0%	0%
number of >= 4 h events	15	0	0		
number of >= 8 h events	10	0	0		
avg duration (h)	13	2	1		
max duration (h)	107	3	1		
avg temperature (F)	71.0	73.5	72.5		
- J - I ()	-		-		

	2003	Relative Humidity Threshold						
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Ν	M
lan								h
Jan	total hours (%)						Ĭ	<i>,</i> ,,
	number of $>= 4$ h events							
	number of $>= 8$ h events							
	ava duration (h)							
	max duration (h)							
	avg temperature (F)							
Feb		1					4	Αu
	total hours (%)						ľ	
	number of $>= 4$ h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avo temperature (F)							
Mar		1					S	Se
	total hours (%)							
	number of $>= 4$ h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
Apr							C	Do
-	total hours (%)							
	number of >= 4 h events							
	number of >= 8 h events							
	avg duration (h)							
	max duration (h)							
	avg temperature (F)							
May							N	No
-	total hours (%)	100%	100%	99%	85%	46%		
	number of >= 4 h events	1	1	3	9	10		
	number of >= 8 h events	1	1	3	8	2		
	avg duration (h)	3743	1836	67	12	4		
	max duration (h)	3743	1836	106	23	9		
	avg temperature (F)	71.0	71.0	71.0	71.2	71.4		
Jun							0	De
	total hours (%)	100%	100%	100%	94%	67%		
	number of >= 4 h events	0	0	2	17	33		
	number of >= 8 h events	0	0	2	16	22		
	avg duration (h)			479	29	7		
	max duration (h)			911	189	45		
	avg temperature (F)	72.6	72.6	72.6	72.8	73.0		

Table 137. Site 41 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

	2003	Relative Humidity Threshold				
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
11						
Jui	total hours (%)	100%	100%	01%	58%	28%
	number of >-4 b events	100 /8	100 /0	15	20	16
	number of $>= 8$ h events	0	0	15	16	7
	ava duration (h)	0	0	23	10	5
	max duration (h)			94	98	24
	avg temperature (F)	76.2	76.2	76.4	76.5	76.2
Aua			1012		1 010	1012
J	total hours (%)	100%	99%	38%	0%	0%
	number of >= 4 h events	0	4	18	0	
	number of >= 8 h events	0	4	8	0	
	avg duration (h)		220	6		
	max duration (h)		448	100		
	avg temperature (F)	77.6	77.7	80.4	85.8	
Sep						
	total hours (%)	100%	98%	60%	21%	10%
	number of >= 4 h events	0	4	18	15	5
	number of >= 8 h events	0	4	12	7	1
	avg duration (h)		171	14	6	3
	max duration (h)		524	125	16	9
	avg temperature (F)	73.8	73.9	74.2	72.7	71.8
Oct						
	total hours (%)	100%	83%	48%	8%	3%
	number of >= 4 h events	0	8	18	4	2
	number of >= 8 h events	0	7	15	2	1
	avg duration (h)		21	10	3	4
	max duration (h)		71	45	10	8
	avg temperature (F)	71.2	71.7	72.0	71.3	69.9
Nov						
	total hours (%)					
	number of >= 4 n events					
	number of >= 8 h events					
	avg duration (h)					
	max duration (h)					
Dee	avg temperature (F)					
Dec	total hours (9()					
	101a110015(76)					
	number of $>= 4$ if events					
	number of $>= 0$ if events					
	avy uniation (1) may duration (b)					
	ava temperaturo (E)					
	avy temperature (F)	1				

	2003		Relative	Humidity T	hreshold			2003
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
• • • •	total hours (%)						• •	total hours (%
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of $>= 8$ h events
	avg duration (h)	-						avg duration (h
	max duration (h)							max duration (h
	avg temperature (F)	-						avg temperature (F
Feb	J J i i i i i i i i i i		1	1		1	Aug	J (
	total hours (%)						0	total hours (%
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h
	max duration (h)							max duration (h
	avg temperature (F)							avg temperature (F
Mar			1	1			Sep	<u>v </u>
	total hours (%)						-	total hours (%
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h
	max duration (h)							max duration (h
	avg temperature (F)							avg temperature (F
Apr	÷ · · ·						Oct	÷
	total hours (%)							total hours (%
	number of >= 4 h events							number of >= 4 h events
	number of >= 8 h events							number of >= 8 h events
	avg duration (h)							avg duration (h
	max duration (h)							max duration (h
	avg temperature (F)							avg temperature (F
May							Nov	
	total hours (%)	100%	100%	96%	75%	30%		total hours (%
	number of >= 4 h events	1	1	5	9	6		number of >= 4 h events
	number of >= 8 h events	1	1	5	8	2		number of >= 8 h events
	avg duration (h)	3707	1164	33	8	4		avg duration (h
	max duration (h)	3707	1164	106	22	9		max duration (h
	avg temperature (F)	70.0	70.0	70.0	70.1	70.3		avg temperature (F
Jun							Dec	
	total hours (%)	100%	100%	99%	84%	44%		total hours (%
	number of >= 4 h events	0	0	7	28	28		number of >= 4 h events
	number of >= 8 h events	0	0	7	26	10		number of >= 8 h events
	avg duration (h)			101	13	4		avg duration (h
	max duration (h)			286	62	18		max duration (h
	avg temperature (F)	71.4	71.4	71.4	71.6	71.7		avg temperature (F

Table 138. Site 41 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

Relative Humidity Threshold Above 50% Above 55% Above 60% Above 65% Above 70%

72%

30

19

11

167

74.6

15%

4

3

8

57 82.3

44%

18

12

8

37

73.3

37%

15

11

8

39

71.7

30%

17

9

5

18

74.6

0%

5%

2

0

4

8

72.2

3%

1

0

2

6

70.7

6%

3

0

3

7

74.1

0%

0%

0%

98%

8

8

54

166

74.4

87%

23

20

26

187

76.8

96%

10

10

46

189

73.1

79%

10

31

285

71.2

8

100%

74.4

100%

0

0

76.4

100%

73.0

99%

2

1

20

34

70.8

0

0

0

0

	2003	Relative Humidity Threshold							
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Мо		
Jan							Ju		
-	total hours (%)						• •		
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Feb				1			Au		
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Mar							Se		
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Apr							Oc		
	total hours (%)								
	number of >= 4 h events								
	number of >= 8 h events								
	avg duration (h)								
	max duration (h)								
	avg temperature (F)								
Мау				-			No		
	total hours (%)	100%	100%	99%	55%	11%			
	number of >= 4 h events	0	0	1	7	2			
	number of >= 8 h events	0	0	1	2	0			
	avg duration (h)			192	9	3			
	max duration (h)			192	82	8			
	avg temperature (F)	77.0	77.0	77.0	76.8	77.2	_		
Jun	(-(-)) (- (-))	1000	10001	40000	0001	0001	De		
	total hours (%)	100%	100%	100%	82%	29%			
	number of >= 4 n events	0	0	1	22	19			
	number of >= 8 n events	0	0	1	16	8			
	avg duration (h)			1067	18	3			
	max duration (h)	70.5	70 5	7007	150	70.0			
	avg temperature (F)	/8.5	/8.5	/8.5	/8.7	79.2			

Table 139. Site 42 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
total hours (%)	100%	100%	97%	54%	6%
number of >= 4 h events	0	0	4	30	1
number of >= 8 h events	0	0	3	18	0
avg duration (h)			31	6	2
max duration (h)			144	47	5
avg temperature (F)	80.5	80.5	80.5	80.5	81.0
Aug					
total hours (%)	100%	100%	85%	25%	6%
number of $>= 4$ h events	0	1	17	11	4
number of $>= 8$ h events	0	1	14	4	1
avg duration (h)		705	24	4	4
max duration (h)		705	269	76	14
avg temperature (F)	81.0	81.0	81.2	81.3	81.3
Sep	1000/	070/	0.00/	400/	140/
total hours (%)	100%	97%	80%	46%	11%
number of $>= 4$ n events	0	4	6	20	0
number of ≥ 0 if evenits	0	50	0	13	3
avg duration (II)		50	30	0	4
max duration (n)	79.0	70.0	70.5	49	10
	70.9	79.0	79.5	00.5	00.7
total hours (%)	83%	63%	28%	13%	.3%
number of $>= 4$ h events	3	11	8	8	3
number of $>= 8$ h events	2		5	6	1
avg duration (h)	9	35	18	12	6
max duration (h)	20	228	63	21	9
avg temperature (F)	75.1	75.4	75.5	76.1	76.7
Nov					
total hours (%)	92%	62%	41%	0%	0%
number of >= 4 h events	1	0	1		
number of >= 8 h events	1	0	1		
avg duration (h)	5	1	17		
max duration (h)	9	1	17		
avg temperature (F)	75.0	75.7	76.4		
Dec					
total hours (%)					
number of >= 4 h events					
number of >= 8 h events					
avg duration (h)					
max duration (h)					
avg temperature (F)					

Relative Humidity Threshold

2003

	2003		Relative		2003			
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	
Jan							Jul	
	total hours (%)							to
	number of >= 4 h events							number of >
	number of >= 8 h events							number of >
	avg duration (h)							avo
	max duration (h)							max
	avg temperature (F)							avg ten
Feb	<u> </u>						Aug	
	total hours (%)						_	to
	number of >= 4 h events							number of >
	number of >= 8 h events							number of >
	avg duration (h)							avg
	max duration (h)							max
	avg temperature (F)							avg ten
Mar							Sep	
	total hours (%)							to
	number of >= 4 h events							number of >
	number of >= 8 h events							number of >
	avg duration (h)							avg
	max duration (h)							max
	avg temperature (F)							avg ten
Apr							Oct	
	total hours (%)							to
	number of >= 4 h events							number of >
	number of >= 8 h events							number of >
	avg duration (h)							avg
	max duration (h)							max
	avg temperature (F)							avg ten
Мау		40004	40004	000/	0.404	10/	Nov	
	total hours (%)	100%	100%	93%	34%	1%		to
	number of >= 4 h events	0	0	6	4	0		number of >
	number of >= 8 h events	0	0	2	3	0		number of >
	avg duration (h)			16	8	1		avg
	max duration (n)	75.0	75.0	64	29	1		max
l	avg temperature (F)	75.6	75.6	/5.6	75.4	76.3	Dee	avg ten
Jun	total baura (0/)	100%	100%	000/	C 40/	120/	Dec	10
	101a1 HOURS (%)	100%	100%	98%	04%	13%		to number of s
	number of $x = 9$ h events	0	0	5	10	/		
		0	0	5	11	0		
	avy duration (h)			100	10	2		avg
1		77.0	77.0	315	105	70 4		
	avg temperature (F)	//.0	//.0	11.1	11.2	78.1		avg ten

Table 140. Site 42 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

	2003	Relative Humidity Threshold									
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%					
Jul											
	total hours (%)	100%	100%	90%	28%	0%					
	number of >= 4 h events	0	0	15	14	0					
	number of >= 8 h events	0	0	10	4	0					
	avg duration (h)			18	4	2					
	max duration (h)			190	23	2					
	avg temperature (F)	78.9	78.9	78.9	79.0	78.4					
Aug			1		1	1					
	total hours (%)	100%	99%	62%	11%	2%					
	number of >= 4 h events	0	2	30	4	1					
	number of >= 8 h events	0	2	15	2	0					
	avg duration (h)		485	13	4	3					
	max duration (h)		689	216	32	5					
	avg temperature (F)	79.3	79.3	79.5	79.4	79.9					
Sep											
	total hours (%)	100%	93%	72%	30%	3%					
	number of >= 4 h events	0	6	11	12	2					
	number of >= 8 h events	0	4	9	7	0					
	avg duration (h)		38	25	5	2					
	max duration (h)		172	105	36	7					
	avg temperature (F)	77.6	77.8	78.0	78.7	78.8					
Oct											
	total hours (%)	81%	55%	26%	12%	3%					
	number of >= 4 h events	2	14	8	6	2					
	number of >= 8 h events	2	9	5	5	1					
	avg duration (h)	70	21	14	9	7					
	max duration (h)	191	172	59	21	9					
	avg temperature (F)	75.0	75.3	75.4	76.0	76.6					
Nov											
	total hours (%)	90%	60%	26%	0%	0%					
	number of >= 4 h events	1	0	0							
	number of >= 8 h events	0	0	0							
	avg duration (h)	8	1								
	max duration (h)	8	1								
	avg temperature (F)	74.8	75.5	76.7							
Dec											
	total hours (%)										
	number of >= 4 h events										
	number of >= 8 h events										
	avg duration (h)										
	max duration (h)										
	avg temperature (F)										

	2003, 2004	Relative Humidity Threshold									
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%					
lan											
oun	total hours (%)	8%	1%	0%	0%	0%					
	number of $>= 4$ h events	5	0	0	0	0					
	number of >= 8 h events	2	0	0	0	0					
	avg duration (h)	4	1								
	max duration (h)	22	1								
	avg temperature (F)	70.4	70.7	71.1	71.1	71.1					
Feb				1							
	total hours (%)	1%	0%	0%	0%	0%					
	number of >= 4 h events	0	0	0							
	number of >= 8 h events	0	0	0							
	avg duration (h)	3	2	1							
	max duration (h)	4	2	1							
	avg temperature (F)	72.5	72.9	73.8							
Mar			1								
	total hours (%)	45%	33%	20%	10%	1%					
	number of >= 4 h events	6	3	3	5	0					
	number of >= 8 h events	2	2	3	3	0					
	avg duration (h)	24	31	19	5	2					
	max duration (h)	255	176	105	33	2					
	avg temperature (F)	71.8	72.0	72.3	72.5	73.2					
Apr											
	total hours (%)	67%	21%	1%	0%	0%					
	number of >= 4 h events	2	3	0							
	number of >= 8 h events	2	1	0							
	avg duration (h)	8	4								
	max duration (h)	14	11								
	avg temperature (F)	70.9	71.1	73.2							
May			°	•	•	°					
	total hours (%)										
	number of >= 4 h events										
	number of >= 8 h events										
	avg duration (h)										
	max duration (h)										
	avg temperature (F)										
Jun											
	total hours (%)										
	number of >= 4 h events										
	number of >= 8 h events										
	avg duration (h)										
	max duration (h)										
	avg temperature (F)										

Table 141. Site 43 - Indoor RH Data by month and threshold level for 2003, 2004 (HIGHEST humidity in any space)

2003, 2004		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
1.1					
Jui total hours (%)					
1000000000000000000000000000000000000					
number of $>=$ 8 h events					
number of >= 8 nevents					
avg duration (h)					
Aug					
Iotal Hours (%)					
number of >= 4 h events					
number of >= 6 if evenis					
avg duration (h)					
max duration (n)					
avg temperature (F)					
Sep					
Iotal Hours (%)					
number of >= 4 h events					
number of >= 8 if evenis					
avg duration (n)					
max duration (n)					
avg temperature (F)					
Oct	4000/	44.0/	4.40/	00/	00/
Iotal Hours (%)	100%	41%	14%	0%	0%
number of >= 4 h events	0	0	0		
number of >= 8 n events	0	0	0		
avg duration (n)			1		
max duration (n)	70.2	70.0	74.5		
avg temperature (F)	70.3	13.2	74.5		
NOV	629/	200/	2.40/	120/	F 0/
Iotal Hours (%)	03%	30%	24%	13%	5%
number of - 9 h events	9	0	5	0	4
number of ≥ 8 n events	1	16	4	4	1
avg duration (h)	41	10	24	0	4
max duration (n)	135	02	0C	43	14
avg temperature (F)	70.6	/1.3	/1.8	72.1	73.1
	40/	00/	00/	00/	00/
101a1 HOURS(%)	4%	0%	0%	0%	0%
number of >= 4 h events	1	0	0		
number or $>= \delta$ h events	1	0	0		
avg duration (h)	6	2			
max duration (n)	22	2	74.4		
avg temperature (F)	/1.2	/1.4	/1.1		

	2003, 2004	Relative Humidity Threshold									
Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%					
.lan											
oun	total hours (%)	6%	0%	0%	0%	0%					
	number of $>= 4$ h events	3	0	0							
	number of >= 8 h events	1	0	0							
	avg duration (h)	5	1								
	max duration (h)	20	1								
	avg temperature (F)	69.7	70.2	70.2							
Feb											
	total hours (%)	1%	0%	0%	0%	0%					
	number of >= 4 h events	0	0								
	number of >= 8 h events	0	0								
	avg duration (h)	2	2								
	max duration (h)	3	2								
	avg temperature (F)	72.5	73.7								
Mar											
	total hours (%)	42%	30%	18%	8%	0%					
	number of >= 4 h events	7	4	3	2	0					
	number of >= 8 h events	3	4	2	1	0					
	avg duration (h)	46	31	16	6	2					
	max duration (h)	255	126	93	31	2					
	avg temperature (F)	71.2	71.4	71.9	72.2	72.6					
Apr											
	total hours (%)	62%	10%	1%	0%	0%					
	number of >= 4 h events	2	2	0							
	number of >= 8 h events	2	0	0							
	avg duration (h)	13	5								
	max duration (h)	14	6								
	avg temperature (F)	70.4	71.6	72.8							
May											
	total hours (%)										
	number of >= 4 h events										
	number of >= 8 h events										
	avg duration (h)										
	max duration (h)										
	avg temperature (F)										
Jun			1	1							
	total hours (%)										
	number of >= 4 h events										
	number of >= 8 h events										
	avg duration (h)										
	max duration (h)										
	avg temperature (F)										

Table 142. Site 43 - Indoor RH Data by month and threshold level for 2003, 2004 (AVERAGE of all spaces)

Month Above 50% Above 60% Above 65% Above 70% Jul total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F)
Jul total hours (%) number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h) avg temperature (F)
Jul total hours (%)
total hours (%)
number of >= 4 h events
number of >= 8 h events
avg duration (h) max duration (h) max duration (h) max duration (h) avg temperature (F) max total hours (%) max number of >= 4 h events max avg duration (h) max avg duration (h) max avg duration (h) max avg temperature (F) max Sep total hours (%) number of >= 8 h events max number of >= 8 h events max avg duration (h) max avg temperature (F) max
max duration (h) avg temperature (F) avg temperature (F) Aug
avg temperature (F)
Aug total hours (%)
total hours (%)
number of >= 4 h events
number of >= 8 h events
avg duration (h)
max duration (h) avg temperature (F) avg temperature (F) Sep
avg temperature (F) Image: Constraint of the second s
Sep total hours (%)
total hours (%)
number of >= 4 h events number of >= 8 h events avg duration (h) max duration (h)
number of >= 8 h events avg duration (h) max duration (h)
avg duration (h)
max duration (h)
avg temperature (F)
Oct
total hours (%) 97% 34% 3% 0% 0%
number of >= 4 h events $0 0 0$
number of >= 8 h events $0 0 0$
avg duration (h) 1
max duration (h) 1
avg temperature (F) 69.5 72.5 72.9
Nov
total hours (%) 61% 35% 22% 11% 5%
number of >= 4 h events 9 7 5 5 4
number of >= 8 h events 7 7 4 3 1
avg duration (h) 29 20 18 6 5
max duration (h) 128 82 55 37 13
avg temperature (F) 70.2 70.9 71.4 72.0 72.7
Dec
total hours (%) 3% 0% 0% 0% 0%
number of >= 4 h events 1 0
number of >= 8 h events 1 0
avg duration (h) 12 2
max duration (h) 22 2
avg temperature (F) 70.6 70.7

Appendix B Humidity and Runtime Tables

2001	Relativ	e Humidity Th	reshold		2001	ļ,	Relative	Humidity Th	reshold	
Month	Above 50% Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan					Jul					
Total Hours (%)					Total Hours (%)					
Hours With Any Cooling (%)					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)					
Feb					Aug	· · · · ·		L		
Total Hours (%)					Total Hours (%)					
Hours With Any Cooling (%)					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)					Hours with Any Dehumid (%)					
Average Dehumid Runtime Fraction (-)					Average Dehumid Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%)					Hours with Ean-only (No cool or debumid) (%)					
Average Ean-Only Runtime Fraction (-)					Average Ean-Only Runtime Fraction (-)					
Average Tamonay Runnine Traction ()					Average Temperature (F)					
Average remperature (r)					Son	┟────┘		L I		
Total Hours (%)					Total Hours (%)	T T		<u>г т</u>		
Hours With Apy Cooling (%)					Hours With Any Cooling (%)					
Ava Cooling Puntimo Fraction ()					Ava Cooling Puntime Fraction ()					
Avg. Cooling Runnine Flaction (-)					Avg. Cooling Runtime Flaction (-)					
Hours with Any Denumia. (%)					Hours with Any Denumid. (%)					
Average Denumid. Runtime Fraction (-)					Average Denumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or denumid) (%)					Hours with Fan-only (No cool or denumid) (%)					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)	ļl				
Apr		1			Uct	4000/	0.40/	200/	<u> </u>	00/
I otal Hours (%)					I otal Hours (%)	100%	84%	30%	6%	2%
Hours With Any Cooling (%)					Hours With Any Cooling (%)	9%	4%	2%	0%	0%
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)	0.77	0.60	0.52		1000/
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)	96%	99%	100%	100%	100%
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)	0.06	0.07	0.07	0.08	0.09
Hours with Fan-only (No cool or dehumid) (%)			-		Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)			-		Average Fan-Only Runtime Fraction (-)	0.33				
Average Temperature (F)					Average Temperature (F)	//.6	78.3	81.0	83.8	82.5
May		1			Nov					00/
I otal Hours (%)			-		I otal Hours (%)	94%	82%	30%	3%	0%
Hours With Any Cooling (%)			-		Hours With Any Cooling (%)	2%	2%	1%	5%	
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)	0.50	0.35	0.03	0.03	
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)	98%	99%	100%	100%	
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)	0.07	0.07	0.08	0.09	
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)	76.6	77.5	78.3	79.1	
Jun					Dec					
Total Hours (%)					Total Hours (%)	82%	63%	39%	17%	1%
Hours With Any Cooling (%)					Hours With Any Cooling (%)	0%	0%	0%	0%	0%
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)	100%	100%	100%	100%	100%
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)	0.08	0.08	0.09	0.09	0.10
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)	72.5	72.4	73.6	75.1	75.7

Table 1. Site 1 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative	2001 Relative Humidity Threshold			2001	Relative Humidity Threshold				
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Feb					· · · · · ·	Aug					
Total Hours (%)						Total Hours (%)			1		
Hours With Any Cooling (%)	-					Hours With Any Cooling (%)			+		
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Debumid (%)						Hours with Any Debumid (%)					
Average Debumid Runtime Fraction (-)						Average Debumid, Runtime Fraction (-)					
Hours with Eap-only (No cool or debumid) (%)						Hours with Ean-only (No cool or debumid) (%)					
Average Eap-Only Runtime Eraction (-)						Average Ean-Only Puntime Fraction (-)					
Average 1 all-Only Runtime 1 action (-)						Average 1 all-Only Runtime 1 laction (-)					
Average Temperature (F)						Average Temperature (F)			<u> </u>		
Total Hours (%)			1			Sep			T		
I Javas Mith Asso Casting (%)						I Jaure Mith Ann Casting (%)					
Hours With Any Cooling (%)						Hours with Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	-					Avg. Cooling Runtime Fraction (-)					
Hours with Any Denumid. (%)						Hours with Any Denumid. (%)					
Average Dehumid. Runtime Fraction (-)	-					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)			<u> </u>		
Apr			1	1		Oct					
Total Hours (%)						Total Hours (%)	97%	52%	18%	3%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	7%	4%	0%	0%	0%
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.71	0.48			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	97%	100%	100%	100%	100%
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)	0.06	0.07	0.07	0.08	0.10
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	0%	0%	. 0%	0%	0%
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.33				
Average Temperature (F)						Average Temperature (F)	76.3	78.4	81.5	83.3	81.2
Мау			r.	r		Nov		r			
Total Hours (%)						Total Hours (%)	91%	71%	15%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	2%	1%	2%		
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.41	0.19	0.03		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	98%	99%	100%		
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)	0.07	0.08	0.08		
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)	75.8	76.7	77.2		
Jun						Dec					
Total Hours (%)						Total Hours (%)	76%	51%	31%	5%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	0%	0%	0%	0%	0%
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	100%	100%	100%	100%	100%
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)	0.08	0.09	0.09	0.10	0.09
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)	71.4	71.7	73.5	73.0	74.9

Table 2. Site 1 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 3. Site 1 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002	Humidity T					
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month
lan						Int
Total Hours (%)	52%	29%	16%	6%	0%	oui
Hours With Any Cooling (%)	0%	0%	1%	0%	070	
Ava. Cooling Runtime Fraction (-)	0.12	0.12	0.12	0,0		
Hours with Any Dehumid. (%)	52%	64%	89%	100%		
Average Dehumid. Runtime Fraction (-	0.07	0.07	0.08	0.08		
Hours with Fan-only (No cool or dehumid) (%	48%	36%	11%	0%		Hou
Average Fan-Only Runtime Fraction (-	0.29	0.28	0.28			
Average Temperature (F	73.6	75.4	77.3	78.7		
Feb						Aug
Total Hours (%)	34%	11%	0%	0%	0%	_
Hours With Any Cooling (%)) 0%	0%	0%			
Avg. Cooling Runtime Fraction (-)	0.23					
Hours with Any Dehumid. (%)) 22%	19%	100%			
Average Dehumid. Runtime Fraction (-	0.06	0.07	0.09			
Hours with Fan-only (No cool or dehumid) (%) 78%	81%	0%			Hou
Average Fan-Only Runtime Fraction (-)	1.00	1.00				
Average Temperature (F)	72.9	74.3	62.9			
Mar		1				Sep
Total Hours (%)	70%	46%	23%	5%	0%	
Hours With Any Cooling (%)	5%	3%	1%	3%		
Avg. Cooling Runtime Fraction (-)	0.67	0.39	0.02	0.02		
Hours with Any Dehumid. (%)	60%	65%	68%	95%		
Average Dehumid. Runtime Fraction (-)	0.06	0.07	0.07	0.07		
Hours with Fan-only (No cool or dehumid) (%) 37%	33%	31%	3%		Hou
Average Fan-Only Runtime Fraction (-	0.34	0.33	0.35	1.00		
Average Temperature (F)	75.6	76.7	78.1	79.5		-
Apr	40000	0.10/	000/	000/	40/	Oct
I otal Hours (%)	100%	91%	62%	33%	4%	
Hours With Any Cooling (%)	29%	25%	11%	6%	4%	
Avg. Cooling Runtime Flaction (-)	0.70	0.00	0.30	0.25	0.11	
Average Debumid Bustime Fraction (04%	00%	90%	92%	52%	
Average Denumid. Runtime Fraction (-,	0.07	0.07	0.06	0.06	0.09	Hour
Average Eep Oply Buntime Fraction (1.00	1.00	1.00	1.00	0%	HOU
Average Fail-Only Kuntime Flaction (-,	74.0	74.2	75.2	76.1	78.3	
May	74.0	74.2	13.2	70.1	70.5	Nov
Total Hours (%)	99%	82%	40%	11%	0%	
Hours With Any Cooling (%)	40%	35%	24%	17%	0%	
Ava Cooling Runtime Fraction (-)	0.72	0.73	0.63	0.65	070	
Hours with Any Debumid (%)	77%	80%	86%	94%	100%	
Average Dehumid Runtime Fraction (-)	0.05	0.05	0.05	0.07	0.03	
Hours with Ean-only (No cool or dehumid) (%)	4%	4%	5%	0%	0%	Hou
Average Fan-Only Runtime Fraction (-)	0.31	0.31	0.28	0,0	0,0	
Average Temperature (F)	74.3	74.8	75.9	77.2	72.5	
Jun		-				Dec
Total Hours (%)	100%	86%	45%	7%	2%	
Hours With Any Coolina (%)	66%	65%	63%	76%	80%	
Avg. Cooling Runtime Fraction (-)	0.53	0.52	0.52	0.53	0.48	
Hours with Any Dehumid. (%	73%	74%	75%	73%	80%	
Average Dehumid. Runtime Fraction (-	0.06	0.06	0.07	0.06	0.06	
Hours with Fan-only (No cool or dehumid) (%	3%	3%	2%	0%	0%	Hour
Average Fan-Only Runtime Fraction (-	0.29	0.29	0.29		7.0	
Average Temperature (F)	75.9	76.3	77.1	78.6	78.9	

2002	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
Jul Tatal Hours (%)	1000/	070/	460/	100/	10/				
Lours With Any Cooling (%)	100%	87%	46%	10%	1%				
Avg. Cooling Puntime Eraction (-)	0.54	0.51	05%	09%	1.00				
Hours with Any Debumid (%)	53%	56%	56%	60%	25%				
Average Debumid Runtime Fraction (-)	0.08	0.08	0.08	0.08	0.14				
Hours with Ean-only (No cool or dehumid) (%)	6%	5%	6%	4%	25%				
Average Ean-Only Runtime Eraction (-)	0.29	0.29	0.29	0.30	0.27				
Average Temperature (F)	76.1	76.4	77.7	78.8	80.5				
Aug	70.1	10.4		70.0	00.0				
Total Hours (%)	100%	87%	51%	7%	1%				
Hours With Any Cooling (%)	58%	55%	46%	55%	44%				
Avg. Cooling Runtime Fraction (-)	0.60	0.57	0.61	0.63	0.63				
Hours with Any Dehumid. (%)	37%	40%	39%	40%	33%				
Average Dehumid. Runtime Fraction (-)	0.07	0.07	0.07	0.07	0.08				
Hours with Fan-only (No cool or dehumid) (%)	22%	23%	29%	18%	44%				
Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.29	0.30	0.31				
Average Temperature (F)	77.6	77.9	79.5	78.3	80.0				
Sep									
Total Hours (%)	100%	85%	53%	12%	1%				
Hours With Any Cooling (%)	56%	51%	49%	39%	14%				
Avg. Cooling Runtime Fraction (-)	0.56	0.57	0.55	0.44	1.00				
Hours with Any Dehumid. (%)	39%	42%	47%	56%	57%				
Average Dehumid. Runtime Fraction (-)	0.07	0.07	0.07	0.07	0.06				
Hours with Fan-only (No cool or dehumid) (%)	19%	21%	20%	21%	29%				
Average Fan-Only Runtime Fraction (-)	0.28	0.29	0.28	0.29	0.30				
Average Temperature (F)	75.8	76.2	77.0	78.3	79.4				
Dct	1000/		= 10/						
I otal Hours (%)	100%	91%	54%	3%	0%				
Hours With Any Cooling (%)	40%	38%	37%	44%	0%				
Avg. Cooling Runtime Fraction (-)	0.48	0.45	0.40	0.49	500/				
Hours with Any Denumid. (%)	31%	34%	34%	50%	50%				
Average Denumic. Runtime Fraction (-)	0.07	0.07	0.07	0.06	0.07				
Average Eep Only (No cool of denumid) (%)	30%	30%	0.20	23%	0.22				
Average Fait-Only Runnine Flaction (-)	75.0	75.1	0.29	75.5	0.33				
	75.0	75.1	15.1	75.5	72.1				
Total Hours (%)									
Hours With Any Cooling (%)									
Avg. Cooling Runtime Fraction (-)									
Hours with Any Dehumid. (%)									
Average Dehumid, Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)									
Average Fan-Only Runtime Fraction (-)									
Average Temperature (F)									
Dec		_							
Total Hours (%)									
Hours With Any Cooling (%)									
Avg. Cooling Runtime Fraction (-)									
Hours with Any Dehumid. (%)									
Average Dehumid. Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)									
Average Fan-Only Runtime Fraction (-)									
Average Temperature (F)									

Table 4. Site 1 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002	Relative Humidity Threshold		2002	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul					
Total Hours (%)	45%	23%	14%	0%	0%	Total Hours (%)	100%	70%	30%	2%	0%
Hours With Any Cooling (%)	0%	1%	1%			Hours With Any Cooling (%)	76%	73%	66%	70%	100%
Avg. Cooling Runtime Fraction (-)	0.12	0.12	0.12			Avg. Cooling Runtime Fraction (-)	0.54	0.51	0.56	0.83	1.00
Hours with Any Dehumid. (%)	51%	74%	99%			Hours with Any Dehumid. (%)	53%	55%	58%	50%	33%
Average Denumid. Runtime Fraction (-)	0.07	0.08	0.08			Average Denumid. Runtime Fraction (-)	0.08	0.08	0.08	0.07	0.14
Average Eap-Only Puptime Eraction (-)	49%	20%	0.27			Average Ean-Only (No cool of denumid) (%)	0 20	0%	0.30	0.27	0%
Average Temperature (F)	73.3	75.2	77.0				75.2	76.1	77.8	80.1	81.2
Feb	10.0	10.2	11.0			Aug	13.2	70.1	11.0	00.1	01.2
Total Hours (%)	26%	7%	0%	0%	0%	Total Hours (%)	95%	62%	25%	1%	1%
Hours With Any Cooling (%)	0%	0%				Hours With Any Cooling (%)	57%	49%	51%	60%	43%
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.59	0.59	0.65	0.73	0.59
Hours with Any Dehumid. (%)	15%	13%				Hours with Any Dehumid. (%)	38%	39%	35%	30%	29%
Average Dehumid. Runtime Fraction (-)	0.07	0.07				Average Dehumid. Runtime Fraction (-)	0.07	0.07	0.08	0.08	0.09
Hours with Fan-only (No cool or dehumid) (%)	85%	87%				Hours with Fan-only (No cool or dehumid) (%)	22%	26%	28%	30%	43%
Average Fan-Only Runtime Fraction (-)	1.00	1.00				Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.29	0.30	0.30
Average Temperature (F)	72.6	73.5				Average Temperature (F)	76.7	77.8	80.3	78.9	78.7
Mar						Sep					
Total Hours (%)	64%	39%	17%	0%	0%	Total Hours (%)	93%	60%	22%	3%	0%
Hours With Any Cooling (%)	4%	2%	1%	100%		Hours With Any Cooling (%)	53%	48%	39%	62%	
Avg. Cooling Runtime Fraction (-)	0.63	0.28	0.02	0.02		Avg. Cooling Runtime Fraction (-)	0.56	0.54	0.49	0.41	
Average Debumid, Runtime Fraction ()	63%	6/%	79%	0%		Hours with Any Denumid. (%)	41%	46%	52%	52%	
Average Denumic. Rumine Fraction (-)	0.00	0.07	0.07	09/		Hours with Eap only (No cool or dobumid) (%)	0.07	0.07	0.07	1.49/	
Average Ean-Only Runtime Fraction (-)	0.33	0.32	20%	0%		Average Ean-Only Runtime Fraction (-)	0.28	0.28	0.28	0.31	
Average Temperature (F)	74.8	76.3	77.8	66.8		Average Tamoniy Runnine Traction ()	75.0	75.9	77.2	78.0	
Apr	74.0	10.0	11.0	00.0		Oct	10.0	10.0	11.2	70.0	
Total Hours (%)	99%	77%	55%	13%	2%	Total Hours (%)	96%	64%	10%	0%	0%
Hours With Any Cooling (%)	28%	17%	6%	4%	0%	Hours With Any Cooling (%)	39%	39%	33%	0%	
Avg. Cooling Runtime Fraction (-)	0.69	0.51	0.31	0.18		Avg. Cooling Runtime Fraction (-)	0.46	0.42	0.33		
Hours with Any Dehumid. (%)	85%	94%	95%	84%	62%	Hours with Any Dehumid. (%)	32%	33%	40%	50%	
Average Dehumid. Runtime Fraction (-)	0.07	0.07	0.08	0.08	0.10	Average Dehumid. Runtime Fraction (-)	0.07	0.08	0.07	0.07	
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	1%	1%	0%	Hours with Fan-only (No cool or dehumid) (%)	38%	37%	38%	50%	
Average Fan-Only Runtime Fraction (-)	1.00	1.00	1.00	1.00		Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.28	0.33	
Average Temperature (F)	72.9	73.7	74.6	76.4	77.5	Average Temperature (F)	74.0	74.5	74.6	71.2	
May		070/	070/			Nov			[]		
I otal Hours (%)	95%	67%	27%	2%	0%	I otal Hours (%)					
Hours With Any Cooling (%)	39%	32%	19%	11%		Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.72	0.00	0.01	0.23		Avg. Cooling Runume Flaction (-)					
Average Debumid, Ruptime Fraction (-)	70%	0.05	92%	94%		Average Debumid Runtime Fraction (-)					
Hours with Ean-only (No cool or debumid) (%)	0.05	5%	3%	0.00		Hours with Ean-only (No cool or debumid) (%)					
Average Ean-Only Runtime Fraction (-)	0.31	0.31	0.28	078		Average Ean-Only Runtime Fraction (-)					
Average Temperature (F)	73.3	74.4	75.1	79.5		Average Temperature (F)					
Jun						Dec					
Total Hours (%)	97%	77%	24%	3%	1%	Total Hours (%)					
Hours With Any Cooling (%)	67%	64%	68%	79%	100%	Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.53	0.52	0.55	0.54	0.50	Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	73%	75%	74%	75%	75%	Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.06	0.06	0.08	0.06	0.07	Average Dehumid. Runtime Fraction (-)		-		-	-
Hours with Fan-only (No cool or dehumid) (%)	2%	3%	1%	0%	0%	Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.28			Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	75.0	75.6	76.5	78.0	78.1	Average Temperature (F)					

2001		Relative	Humidity Th	reshold		2001	Relative Humidity Threshold				
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan			<u>г г</u>			Jul			ب	,	
I otal Hours (%)			H			I otal Hours (%)			┥────┤		
Hours with Any Cooling (%)			H			Hours With Any Cooling (%)			┥────┤		
Avg. Cooling Runtime Fraction (-)			├ ────			Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)			├ ────			Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)			L			Average Dehumid. Runtime Fraction (-)			L		
Hours with Fan-only (No cool or dehumid) (%)			I			Hours with Fan-only (No cool or dehumid) (%)			L		
Average Fan-Only Runtime Fraction (-)			I			Average Fan-Only Runtime Fraction (-)			L		
Average Temperature (F)			<u> </u>			Average Temperature (F)					
Feb			г			Aug					
Total Hours (%)			I			Total Hours (%)					
Hours With Any Cooling (%)			I			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)			L			Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)			1			Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)			L			Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)			1			Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)				.	
Mar						Sep					
Total Hours (%)			1			Total Hours (%)					
Hours With Any Cooling (%)			Í			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)			Í			Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Apr						Oct		1	·		
Total Hours (%)			Í Í			Total Hours (%)	92%	72%	45%	17%	0%
Hours With Any Cooling (%)			1			Hours With Any Cooling (%)	9%	11%	9%	5%	
Avg. Cooling Runtime Fraction (-)			1			Avg. Cooling Runtime Fraction (-)	0.48	0.45	0.33	0.33	
Hours with Any Dehumid (%)			[]			Hours with Any Debumid (%)	20%	24%	28%	25%	
Average Dehumid Runtime Fraction (-)			[]			Average Dehumid Runtime Fraction (-)	0.08	0.08	0.08	0.09	
Hours with Ean-only (No cool or dehumid) (%)			[]			Hours with Ean-only (No cool or debumid) (%)	0.00	0.00	0.00	0.00	
Average Ean-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)	0.33	0.33	0.33	070	
Average Temperature (F)						Average Temperature (F)	73.4	73.7	74.1	74.3	74.8
May			l			Nov	10.1	10.1		14.0	74.0
Total Hours (%)						Total Hours (%)	92%	67%	12%	3%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	0270	0170	1270	070	070
Ava Cooling Ruptime Fraction (-)						Ava Cooling Puntime Fraction (-)			<u>├</u> ────┤		
Hours with Any Dohumid (%)			+			Hours with Any Dobumid (%)			├		
Average Debumid Buptime Fraction ()			+			Average Debumid, Buntime Fraction ()			├		
Average Denumia. Rumanie Flaction (-)			+			Hours with Ean only (No cool or dobumid) (9()			├		
Average For Only (No cool of defumid) (%)			<u>⊢</u>			Average For Only Runtime Fraction ()					
Average Fan-Only Runtime Flaction (-)			<u>⊢</u>			Average Fan-Only Runtime Flaction (-)	71.7	71.0	70.0	70.6	70.5
Average Temperature (F)			l			Average Temperature (F)	/1./	/1.0	12.3	72.0	72.5
Jun Tatal Haura (8()						Dec	000/	400/	4.50/	C 0/	00/
I otal Hours (%)			H			I otal Hours (%)	62%	42%	15%	6%	0%
Hours With Any Cooling (%)			⊢ −−−−−		<u> </u>	Hours With Any Cooling (%)			┟────┤		
Avg. Cooling Runtime Fraction (-)			⊢ −−−−−		<u> </u>	Avg. Cooling Runtime Fraction (-)			┟────┤		
Hours with Any Dehumid. (%)			┥────┤		<u> </u>	Hours with Any Dehumid. (%)			ļļ		
Average Dehumid. Runtime Fraction (-)			I			Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)			ļ			Hours with Fan-only (No cool or dehumid) (%)			ļ]		
Average Fan-Only Runtime Fraction (-)			ļ			Average Fan-Only Runtime Fraction (-)			L		
Average Temperature (F)			1			Average Temperature (F)	72.7	72.6	72.0	71.7	71.8

Table 5. Site 2 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative	e Humidity T	hreshold		2001		Relative	Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
len						hat a					
Total Hours (%						Jui Total Hours (%	\		1	T	
Hours With Any Cooling (%	<u> </u>					Hours With Any Cooling (%	<u>`</u>				
Avg. Cooling Runtime Eraction (-	<u> </u>					Avg. Cooling Runtime Fraction (-	ý –				
Hours with Any Dehumid (%	Ś					Hours with Any Dehumid (%	Ś.	-	-	-	
Average Dehumid, Runtime Fraction (-	Ś					Average Dehumid, Runtime Fraction (-	Ś			-	
Hours with Fan-only (No cool or dehumid) (%	Ś					Hours with Fan-only (No cool or dehumid) (%	Ś.	-	-	-	
Average Fan-Only Runtime Fraction (-	Ś					Average Fan-Only Runtime Fraction (-	Ś			-	
Average Temperature (F	ý					Average Temperature (F)				
Feb		1	1			Aug	-		J	1	
Total Hours (%)					Total Hours (%)			1	
Hours With Any Cooling (%)					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-	Ó					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-	Ś					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-	ý					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)					Average Temperature (F)				
Mar			1			Sep				4	
Total Hours (%)					Total Hours (%))				
Hours With Any Cooling (%)					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)					Average Temperature (F)				
Apr						Oct					
Total Hours (%)					Total Hours (%) 82%	63%	, 34%	7%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%) 11%	12%	, 8%	0%	
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-) 0.48	0.43	0.32		
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%) 22%	26%	, 28%	9%	
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-) 0.08	0.08	0.08	0.11	
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%) 0%	0%	, 0%	0%	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-) 0.33	0.33)		
Average Temperature (F)					Average Temperature (F) 72.7	73.0	73.4	73.8	
Мау			1	i		Nov					т
Total Hours (%))					Total Hours (%)) 84%	39%	2%	0%	0%
Hours With Any Cooling (%))					Hours With Any Cooling (%))				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)					Average Temperature (F) 71.1	71.4	71.9	<u> </u>	
Jun		1	1	1		Dec		T			
I otal Hours (%)					I otal Hours (%) 46%	24%	10%	2%	0%
Hours With Any Cooling (%	2					Hours With Any Cooling (%	<u>/</u>				
Avg. Cooling Runtime Fraction (-	2				<u> </u>	Avg. Cooling Runtime Fraction (-	1	 		<u> </u>	
Hours with Any Dehumid. (%	2					Hours with Any Dehumid. (%	신			<u> </u>	
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-	!	L			
Hours with Fan-only (No cool or dehumid) (%	2					Hours with Fan-only (No cool or dehumid) (%	신			<u> </u>	
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only Runtime Fraction (-	<u>ا</u> ــــــــــــــــــــــــــــــــــــ				
Average Temperature (F)					Average Temperature (F) 71.6	71.0	71.1	70.9	71.

Table 6. Site 2 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 7. Site 2 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

Month Jan

Feb

Mar

Apr

May

Jun

2002		Relative	Humidity Th	reshold			2002	Relative Humidity Threshold				
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70	0%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
n T (111) - (01)	000/	400/	001	00/		00(Jul	000/	0.40/	0.49/	40/	00/
I otal Hours (%)	32%	10%	2%	0%	(0%	Lours With Any Cooling (%)	99%	84%	24%	1%	0%
Ava Cooling Runtime Fraction (-)	24%	0.23	0.20				Ava Cooling Runtime Fraction (-)	0.76				
Hours with Any Dehumid (%)	28%	27%	15%				Hours with Any Debumid (%)	1%				
Average Dehumid Runtime Fraction (-)	0.05	0.06	0.04				Average Dehumid Runtime Fraction (-)	0.08				
Hours with Fan-only (No cool or dehumid) (%)	2%	0%	0%				Hours with Fan-only (No cool or dehumid) (%)	0%				
Average Fan-Only Runtime Fraction (-)	0.29	0,0	070				Average Fan-Only Runtime Fraction (-)	070				
Average Temperature (F)	75.3	76.1	76.5	76.6			Average Temperature (F)	76.6	76.7	76.8	77.0	
b							Aug					
Total Hours (%)	16%	3%	0%	0%	(0%	Total Hours (%)	95%	31%	1%	0%	0%
Hours With Any Cooling (%)	59%	65%	100%				Hours With Any Cooling (%)	49%	50%	83%		
Avg. Cooling Runtime Fraction (-)	0.32	0.23	0.48				Avg. Cooling Runtime Fraction (-)	0.47	0.41	0.68		
Hours with Any Dehumid. (%)	61%	85%	0%				Hours with Any Dehumid. (%)	50%	53%	67%		
Average Dehumid. Runtime Fraction (-)	0.04	0.05					Average Dehumid. Runtime Fraction (-)	0.06	0.06	0.10		
Hours with Fan-only (No cool or dehumid) (%)	16%	5%	0%				Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)	0.27	0.33					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	74.9	74.6	73.8				Average Temperature (F)	76.2	76.3	77.6		
	470/	000/	50/	40/		4.07	Sep	4000/	E 40/	C0/	00/	00/
I otal Hours (%)	47%	23%	5%	1%		1%	I otal Hours (%)	100%	54%	6%	0%	0%
Hours with Any Cooling (%)	67%	67%	67%	20%	2:	15	Hours with Any Cooling (%)					
Avg. Cooling Runtime Flaction (-)	0.30	0.24	0.19	100%	10	.15	Avg. Cooling Runtime Fraction (-)					
Average Debumid Puntime Fraction (-)	0.05	90%	97 %	100%	100	070	Average Debumid, Runtime Eraction (-)	-				
Hours with Ean-only (No cool or debumid) (%)	0.03	1%	0.00	0.07	0.	.07	Hours with Ean-only (No cool or debumid) (%)	-				
Average Ean-Only Runtime Fraction (-)	0.29	0.30	078	078		0 70	Average Ean-Only Runtime Fraction (-)					
Average Temperature (F)	76.1	76.2	76.6	75.5	7	5.6	Average Temperature (F)	75.6	75.7	75.9		
r		10.2	10.0	1010		0.0	Oct	1010		1010		
Total Hours (%)	52%	19%	6%	1%	(0%	Total Hours (%)	92%	56%	11%	0%	0%
Hours With Any Cooling (%)	78%	63%	57%	67%			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.48	0.29	0.22	0.14			Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	66%	86%	95%	100%			Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.05	0.06	0.06	0.06			Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	3%	4%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.29	0.28					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	76.0	76.3	77.1	76.5			Average Temperature (F)	75.1	75.1	75.0		
ay Tarahla a (0)	000/	440/	4.50/	00/		00/	Nov					
I otal Hours (%)	63%	41%	15%	0%	(0%	I otal Hours (%)					
Hours With Any Cooling (%)	59%	65%	71%	100%			Hours With Any Cooling (%)					
Avg. Cooling Runume Fraction (-)	0.43	0.40	0.41	0.39			Avg. Cooling Runtime Fraction (-)					
Average Debumid Puptime Eraction (-)	70%	00%	01%	100%			Average Debumid, Puntime Fraction (-)	-				
Hours with Ean-only (No cool or dehumid) (%)	0.00	2%	2%	0.09			Hours with Ean-only (No cool or debumid) (%)					
Average Ean-Only Runtime Fraction (-)	0.28	0.29	0.30	078			Average Ean-Only Runtime Fraction (-)					
Average Temperature (F)	75.0	75.0	75.1	76.9			Average Temperature (F)					
n					I		Dec					
Total Hours (%)	97%	67%	19%	1%	(0%	Total Hours (%)					
Hours With Any Cooling (%)							Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)		-		-			Average Dehumid. Runtime Fraction (-)		-		-	
Hours with Fan-only (No cool or dehumid) (%)							Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	75.6	75.8	76.2	76.4			Average Temperature (F)	L				

Table 8.	Site 2	 Indoor 	RH Da	ata by	month	and	threshol	d level	for 200	2 (4	AVERA	GE of	all s	paces)

Month Jan

Feb

Mar

Apr

May

Jun

	1										
2002		Relative	Humidity Th	reshold		2002	ļ	Relative H	lumidity Th	reshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55% A	bove 60%	Above 65%	Above 70%
an			1	r.		Jul					
Total Hours (%)	6%	0%	0%	0%	0%	Total Hours (%)	96%	65%	16%	0%	0%
Hours With Any Cooling (%)	32%	100%				Hours With Any Cooling (%)	0%				
Avg. Cooling Runtime Fraction (-)	0.21	0.29				Avg. Cooling Runtime Fraction (-)	0.89				
Hours with Any Dehumid. (%)	38%	100%				Hours with Any Dehumid. (%)	0%			H	
Average Denumid. Runtime Fraction (-)	0.06	0.08				Average Denumid. Runtime Fraction (-)	0.07			H	
Hours with Fan-only (No cool of denumid) (%)	0%	0%				Hours with Fan-only (No cool or denumid) (%)	0%				
Average Fan-Only Runtime Fraction (-)	75.2	75.0				Average Fan-Only Runtime Fraction (-)	76.0	76.2	76.1	75.2	
Average Temperature (F)	75.5	75.9			l	Average remperature (F)	70.0	70.2	70.1	15.2	
Total Hours (%)	2%	0%	0%	0%	0%	Total Hours (%)	76%	16%	0%	0%	0%
Hours With Any Cooling (%)	75%	070	070	070	070	Hours With Any Cooling (%)	48%	55%	070	070	070
Avg. Cooling Runtime Fraction (-)	0.25					Avg. Cooling Runtime Fraction (-)	0.44	0.39			
Hours with Any Dehumid (%)	92%					Hours with Any Dehumid (%)	50%	58%			
Average Dehumid, Runtime Fraction (-)	0.05					Average Dehumid, Runtime Fraction (-)	0.06	0.06			
Hours with Fan-only (No cool or dehumid) (%)	0%					Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.8					Average Temperature (F)	75.4	75.4			
ar	1					Sep	1	1			
Total Hours (%)	24%	4%	1%	0%	0%	Total Hours (%)	95%	35%	2%	0%	0%
Hours With Any Cooling (%)	71%	50%	25%			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.29	0.19	0.15			Avg. Cooling Runtime Fraction (-)	1				
Hours with Any Dehumid. (%)	92%	100%	100%			Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.05	0.07	0.07			Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	1%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)				L	
Average Fan-Only Runtime Fraction (-)	0.27					Average Fan-Only Runtime Fraction (-)				L	
Average Temperature (F)	75.1	75.1	73.5			Average Temperature (F)	74.9	74.9	74.7		
pr						Oct					
Total Hours (%)	26%	5%	1%	0%	0%	Total Hours (%)	85%	43%	0%	0%	0%
Hours With Any Cooling (%)	73%	51%	17%			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.33	0.21	0.05			Avg. Cooling Runtime Fraction (-)					
Hours with Any Denumid. (%)	74%	92%	100%			Hours with Any Denumid. (%)					
Average Denumid. Runtime Fraction (-)	0.05	0.07	0.08			Average Denumid. Runtime Fraction (-)					
Average Eap Only Puptime Fraction ()	3%	0%	0%			Average Eap Only Puntime Fraction ()					
Average Fail-Only Runtime Flaction (-)	75.1	76.0	77 /			Average Fail-Only Runtime Fraction (-)	74.5	74.5	75.0	r	
av	75.1	70.0	11.4		l	Nov	74.5	74.5	10.0		
Total Hours (%)	60%	33%	8%	0%	0%	Total Hours (%)				i – – – – – – – – – – – – – – – – – – –	
Hours With Any Cooling (%)	59%	65%	66%	0,0	0,0	Hours With Any Cooling (%)				i	
Ava. Cooling Runtime Fraction (-)	0.43	0.40	0.38			Ava, Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	77%	86%	97%			Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.06	0.06	0.06			Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	2%	2%	3%			Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.30			Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	74.3	74.4	74.6			Average Temperature (F)					
In			•	•		Dec					
Total Hours (%)	96%	53%	12%	0%	0%	Total Hours (%)	1				
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)		-				Avg. Cooling Runtime Fraction (-)					-
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				⊢	
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				⊢	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	75.0	75.4	75.7	75.2		Average Temperature (F)					
ore: average Runtime Fractions only include per	rinde whore the	runtima is a	reater than 70	aro							

Note: Averag

2001		Relative	e Humidity T	hreshold		2001			Relative	Humidity T	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lan						1.1						
Jan Total Hours (%						Jui	Total Hours (%)	100%	220/	09/	09/	09/
Hours With Apy Cooling (%	(Hours	Vith Any Cooling (%)	100%	23%	0%	0%	0%
Ava Cooling Puntime Eraction (-	<						Puntime Eraction (-)	0.94	1.00%			
Hours with Any Debumid (%	<u></u>					Hours w	ith Any Debumid (%)	100%	1.00			
Average Debumid Runtime Fraction (-	(Average Debumid	Runtime Fraction (-)	0.93	1.00			
Hours with Ean-only (No cool or dehumid) (%	<u></u>					Hours with Ean-only (No	cool or deburnid) (%)	0.93	1.00			
Average Ean-Only Runtime Fraction (-	(Average Ean-Only	(Runtime Fraction (-)	078	078			
	í –					Average Fair Only	ane Temperature (F)	76.2	77.6			
Feb	/		1		L	Aug	age remperatore (r)	70.2	11.0			
Total Hours (%							Total Hours (%)	27%	1%	0%	0%	0%
Hours With Any Cooling (%	í –					Hours	With Any Cooling (%)	26%	29%	070	0,0	
Avg Cooling Runtime Fraction (-	í –					Avg Cooling	Runtime Fraction (-)	0.84	0.57			
Hours with Any Dehumid (%	í –					Hours w	ith Any Dehumid (%)	28%	57%			
Average Dehumid, Runtime Fraction (-	í –					Average Dehumid	Runtime Fraction (-)	0.82	0.59			Í
Hours with Fan-only (No cool or dehumid) (%	ý					Hours with Fan-only (No	cool or dehumid) (%)	0%	0%			ĺ
Average Fan-Only Runtime Fraction (-	í –					Average Fan-Only	Runtime Fraction (-)	0,0	0,0			Í
Average Temperature (F	Ś					Aver	age Temperature (F)	76.3	75.4			
Mar	/			1	<u> </u>	Sep	age remperature (r)	. 0.0	1011			
Total Hours (%)						Total Hours (%)	47%	6%	1%	0%	0%
Hours With Any Cooling (%	ý – – – – – – – – – – – – – – – – – – –					Hours	With Any Cooling (%)					
Ava, Cooling Runtime Fraction (-	ý					Ava. Cooling	Runtime Fraction (-)					1
Hours with Any Dehumid. (%	ý					Hours w	ith Any Dehumid. (%)					1
Average Dehumid, Runtime Fraction (-	ý					Average Dehumid	Runtime Fraction (-					
Hours with Fan-only (No cool or dehumid) (%	ý					Hours with Fan-only (No	cool or dehumid) (%)					1
Average Fan-Only Runtime Fraction (-	ý					Average Fan-Only	Runtime Fraction (-					1
Average Temperature (F	ý					Aver	age Temperature (F)	76.3	75.8	75.2		l
Apr					· · · · · · · · · · · · · · · · · · ·	Oct	0					-
Total Hours (%)						Total Hours (%)	67%	23%	3%	0%	0%
Hours With Any Cooling (%)					Hours	With Any Cooling (%)	4%	3%	0%		
Avg. Cooling Runtime Fraction (-)					Avg. Cooling	Runtime Fraction (-)	0.31	0.16			
Hours with Any Dehumid. (%)					Hours w	ith Any Dehumid. (%)	10%	12%	5%		I
Average Dehumid. Runtime Fraction (-)					Average Dehumid	. Runtime Fraction (-)	0.99	0.99	1.00		1
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No	cool or dehumid) (%)	0%	0%	0%		1
Average Fan-Only Runtime Fraction (-)					Average Fan-Only	Runtime Fraction (-)					l
Average Temperature (F)					Aver	age Temperature (F)	74.8	75.1	75.1	75.9	76.6
Мау						Nov						
Total Hours (%)						Total Hours (%)	68%	32%	4%	1%	0%
Hours With Any Cooling (%)					Hours	With Any Cooling (%)					1
Avg. Cooling Runtime Fraction (-)					Avg. Cooling	Runtime Fraction (-)					1
Hours with Any Dehumid. (%)					Hours w	ith Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid	. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No	cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only	Runtime Fraction (-)					
Average Temperature (F)					Aver	age Temperature (F)	75.0	75.2	74.4	74.6	1
Jun				1		Dec						
Total Hours (%)						Total Hours (%)	77%	41%	14%	2%	0%
Hours With Any Cooling (%)					Hours	With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					Avg. Cooling	Runtime Fraction (-)					
Hours with Any Dehumid. (%)					Hours w	ith Any Dehumid. (%)	·				
Average Dehumid. Runtime Fraction (-)					Average Dehumid	. Runtime Fraction (-)	·				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No	cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only	Runtime Fraction (-)					-
Average Temperature (F)					Aver	age Temperature (F)	73.7	74.4	74.7	74.2	73.2

Table 9. Site 3 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative	Humidity T	hreshold		2001		Relative	Humidity T	y Threshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
len						Let .					
Total Hours (%)						Jui Total Hours (%	54%	0%	0%	0%	0%
Hours With Any Cooling (%	Ś.					Hours With Any Cooling (%	100%	0,0	0,0	0,0	
Avg. Cooling Runtime Fraction (-	Ś					Avg. Cooling Runtime Fraction (-	0.98				-
Hours with Any Dehumid. (%	Ś					Hours with Any Dehumid. (%	100%				-
Average Dehumid, Runtime Fraction (-	Ś					Average Dehumid, Runtime Fraction (-	1.00				
Hours with Fan-only (No cool or dehumid) (%	Ś					Hours with Fan-only (No cool or dehumid) (%	0%				
Average Fan-Only Runtime Fraction (-	Ś					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F	Ó					Average Temperature (F	75.1				
Feb					· · · · · · · · · · · · · · · · · · ·	Aug		1		1	
Total Hours (%)					Total Hours (%)	5%	0%	0%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%	28%				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	0.58				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%	36%				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-	0.66				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%) 0%				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-	j				
Average Temperature (F)					Average Temperature (F	75.4				
Mar						Sep		•			
Total Hours (%)					Total Hours (%	15%	0%	0%	0%	. 0%
Hours With Any Cooling (%)					Hours With Any Cooling (%	j				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-	1				
Average Temperature (F)					Average Temperature (F	74.9				
Apr			1			Oct		1		T	т
Total Hours (%)					Total Hours (%	27%	1%	0%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%	3%				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	0.18				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%	11%				
Average Dehumid. Runtime Fraction (-	2					Average Dehumid. Runtime Fraction (-	0.99			<u> </u>	
Hours with Fan-only (No cool or dehumid) (%	2					Hours with Fan-only (No cool or dehumid) (%	0%			<u> </u>	
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only Runtime Fraction (-	70.0	74.4			-
Average Temperature (F)					Average Temperature (F	/ 3.8	74.1		L	
Total Hours (%)			1			Total Hours (%)	270/	20/	0%	0%	00
Hours With Any Cooling (%)	<u></u>					Hours With Any Cooling (%)	3170	2.70	076	076	07
Ava Cooling Puptime Fraction (2					Avg. Cooling Puntime Fraction (<u></u>				
Hours with Any Dohumid (%	<u></u>					Avg. Cooling Runtime Fraction (-	<u></u>				
Average Debumid Puptime Fraction (-	<					Average Debumid, Puntime Fraction (-	<u>.</u>				-
Hours with Ean-only (No cool or dehumid) (%	(Hours with Ean-only (No cool or dehumid) (%	,				-
Average Eap-Only Puntime Eraction (-	(Average Ean-Only Runtime Fraction (-					-
	(74.1	73.5			-
	/				<u> </u>	Dec	74.1	75.5		<u> </u>	<u>I</u>
Total Hours (%)						Total Hours (%)	46%	13%	0%	0%	0%
Hours With Any Cooling (%	(<u> </u>]	Hours With Apy Cooling (%	10/0	1370	070	078	
Ava Cooling Runtime Fraction (-	(— — — — — — — — — — — — — — — — — — —				<u> </u>	Avg. Cooling Runtime Fraction (-			<u> </u>	<u> </u>	1
Hours with Any Dehumid (%					<u> </u>	Hours with Any Dehumid (%	\			<u> </u>	<u> </u>
Average Dehumid Runtime Fraction (-	í –				<u> </u>	Average Debumid Runtime Fraction (-					
Hours with Fan-only (No cool or debumid) (%	(<u> </u>	Hours with Fan-only (No cool or dehumid) (%	\				
Average Fan-Only Runtime Fraction (-	í –				<u> </u>	Average Fan-Only Runtime Fraction (-					
Average Temperature (F	(<u> </u>]	Average Temperature (F	73.0	73.2	73 3		+
Average remperature (F	/		1	1	1	Average remperature (F	13.0	13.2	10.0	<u> </u>	1

Table 10. Site 3 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 11. Site 3 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002		Relative	Humidity Th	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
Total Hours (%)	16%	1%	0%	0%	0%
Hours With Any Cooling (%)	100%	100%			
Avg. Cooling Runtime Fraction (-)	0.51	0.57			
Hours with Any Dehumid. (%)	100%	100%			
Average Dehumid. Runtime Fraction (-)	0.97	0.96			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	76.4	76.5			
Aug		1	1	1	1
Total Hours (%)	16%	2%	0%	0%	0%
Hours With Any Cooling (%)	15%	8%			
Avg. Cooling Runtime Fraction (-)	0.54	0.42			
Hours with Any Dehumid. (%)	15%	8%			
Average Dehumid. Runtime Fraction (-)	1.00	1.00			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	76.0	75.9			
Sep	400/	00/	00(00(00(
I otal Hours (%)	13%	2%	0%	0%	0%
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	=				
Average Temperature (F)	74.3	74.5	74.5		
Total Hours (%)	33%	5%	0%	0%	0%
Hours With Any Cooling (%)	0070	070	070	070	070
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)					
Average Debumid, Runtime Fraction (-)					
Hours with Ean-only (No cool or debumid) (%)					
Average Eap-Only Puntime Eraction (-)					
Average Temperature (F)	73.5	73.7	74.2	73.8	
Nov	10.0	10.1	74.2	10.0	
Total Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)					
Average Dehumid, Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
Dec		1	1	1	
Total Hours (%)					
Hours With Any Coolina (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
	1	1	1	1	1

2002		Relative	Humidity Th	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
len					
Jan Total Hours (%)	68%	38%	19%	6%	0%
Hours With Any Cooling (%)	14%	18%	20%	12%	07
Avg. Cooling Runtime Fraction (-)	0.34	0.28	0.22	0.19	
Hours with Any Dehumid. (%)	53%	69%	90%	100%	
Average Dehumid. Runtime Fraction (-)	0.42	0.43	0.46	0.50	
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-)	0.39				
Average Temperature (F)	73.0	73.5	74.6	76.0	
Feb		I.	I.	I.	1
Total Hours (%)	71%	22%	5%	1%	0%
Hours With Any Cooling (%)	7%	8%	13%	25%	
Avg. Cooling Runtime Fraction (-)	0.34	0.28	0.22	0.12	
Hours with Any Denumid. (%)	99%	99%	100%	100%	
Hours with Ean-only (No cool or debumid) (%)	0.47	0.47	0.50	0.45	
Average Ean-Only Runtime Fraction (-)	0.31	0.32	078	078	
Average Temperature (F)	71 7	73.3	73.3	74 7	
Mar		10.0	10.0		
Total Hours (%)	79%	55%	23%	3%	1%
Hours With Any Cooling (%)	44%	44%	40%	31%	40%
Avg. Cooling Runtime Fraction (-)	0.37	0.31	0.22	0.31	0.26
Hours with Any Dehumid. (%)	99%	99%	99%	100%	100%
Average Dehumid. Runtime Fraction (-)	0.61	0.62	0.64	0.62	0.74
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)	0.26	0.26			
Average Temperature (F)	72.4	72.8	73.2	73.4	73.7
Apr		I.	I.	I.	1
Total Hours (%)	93%	60%	26%	2%	0%
Hours With Any Cooling (%)	62%	50%	28%	46%	
Avg. Cooling Runtime Fraction (-)	0.44	0.31	0.21	0.23	
Hours with Any Dehumid. (%)	96%	96%	95%	92%	
Average Denumid. Runtime Fraction (-)	0.59	0.53	0.46	0.62	
Hours with Fan-only (No cool or denumid) (%)	0%	0%	0%	0%	
Average Fan-Only Runtime Flaction (-)	74.6	74.5	74.4	74.0	
May	74.0	14.5	74.4	14.5	
Total Hours (%)	57%	15%	3%	0%	0%
Hours With Any Cooling (%)	83%	79%	65%	50%	
Avg. Cooling Runtime Fraction (-)	0.41	0.27	0.18	0.33	
Hours with Any Dehumid. (%)	100%	100%	100%	100%	
Average Dehumid. Runtime Fraction (-)	0.60	0.50	0.40	0.41	
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	75.3	75.5	76.2	76.3	
Jun					
Total Hours (%)	25%	3%	0%	0%	0%
Hours With Any Cooling (%)	97%	100%	100%		
Avg. Cooling Runtime Fraction (-)	0.46	0.52	0.53		
Hours with Any Dehumid. (%)	100%	100%	100%		
Average Denumid. Runtime Fraction (-)	0.93	1.00	1.00		
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)	L				

 Average Temperature (F)
 75.7
 76.3
 77.3

 Note: Average Runtime Fractions only include periods where the runtime is greater than zero.
 Temperature (F)
 Tempe

Table 12. Site 3 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

eshold		2002		Relative	Humidity Th	reshold	
bove 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
0%	0%	Jui Total Hours (%)	4%	0%	0%	0%	0%
078	078	Hours With Any Cooling (%)	100%	078	078	078	0 78
		Avg. Cooling Runtime Fraction (-)	0.42				
		Hours with Any Dehumid (%)	100%				
		Average Dehumid, Runtime Fraction (-)	0.99				
		Hours with Fan-only (No cool or dehumid) (%)	0%				
		Average Fan-Only Runtime Fraction (-)					
		Average Temperature (F)	75.4				
		Aug					
0%	0%	Total Hours (%)	1%	0%	0%	0%	0%
		Hours With Any Cooling (%)	17%				
		Avg. Cooling Runtime Fraction (-)	0.73				
		Hours with Any Dehumid. (%)	17%				
		Average Dehumid. Runtime Fraction (-)	1.00				
		Hours with Fan-only (No cool or dehumid) (%)	0%				
		Average Fan-Only Runtime Fraction (-)					
		Average Temperature (F)	75.3				
		Sep		1		1	
0%	0%	Total Hours (%)	1%	0%	0%	0%	0%
0%		Hours With Any Cooling (%)					
		Avg. Cooling Runtime Fraction (-)					
100%		Hours with Any Dehumid. (%)					
0.74		Average Dehumid. Runtime Fraction (-)					
0%		Hours with Fan-only (No cool or dehumid) (%)					
		Average Fan-Only Runtime Fraction (-)					
74.0		Average Temperature (F)	73.8	74.3			
		Oct					
0%	0%	Total Hours (%)	8%	1%	0%	0%	0%
		Hours With Any Cooling (%)					
		Avg. Cooling Runtime Fraction (-)					
		Hours with Any Dehumid. (%)					
		Average Dehumid. Runtime Fraction (-)					
		Hours with Fan-only (No cool or dehumid) (%)					
		Average Fan-Only Runtime Fraction (-)					
		Average Temperature (F)	73.1	73.5	73.4		
		Nov					
0%	0%	Total Hours (%)					
		Hours With Any Cooling (%)					
		Avg. Cooling Runtime Fraction (-)					
		Hours with Any Dehumid. (%)					
		Average Dehumid. Runtime Fraction (-)					
		Hours with Fan-only (No cool or dehumid) (%)					
		Average Fan-Only Runtime Fraction (-)					
		Average Temperature (F)					
		Dec					
0%	0%	Total Hours (%)					
		Hours With Any Cooling (%)					
		Avg. Cooling Runtime Fraction (-)					
		Hours with Any Dehumid. (%)					
		Average Dehumid. Runtime Fraction (-)					
		Hours with Fan-only (No cool or dehumid) (%)					
		Average Fan-Only Runtime Fraction (-)					
		Average Temperature (F)					

2002		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan					
Total Hours (%)	39%	16%	5%	0%	0%
Hours With Any Cooling (%)	22%	30%	16%		
Avg. Cooling Runtime Fraction (-)	0.34	0.25	0.12		
Hours with Any Dehumid. (%)	79%	96%	100%		
Average Dehumid. Runtime Fraction (-)	0.46	0.49	0.59		
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.4	74.0	74.9		
Feb			r.		
Total Hours (%)	30%	4%	0%	0%	0%
Hours With Any Cooling (%)	12%	12%			
Avg. Cooling Runtime Fraction (-)	0.32	0.21			
Hours with Any Dehumid. (%)	100%	100%			
Average Dehumid. Runtime Fraction (-)	0.52	0.55			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.7	73.9			
Mar Tatal Llaura (0()	C00/	000/	201	00(00/
I otal Hours (%)	62%	26%	3%	0%	0%
Hours With Any Cooling (%)	49%	45%	41%	0%	
Avg. Cooling Runtime Fraction (-)	0.35	0.24	0.26	4000(
Hours with Any Denumid. (%)	100%	99%	100%	100%	
Average Denumid. Runtime Fraction (-)	0.63	0.63	0.54	0.74	
Average Eap Only Runtime Fraction ()	0%	0%	0%	0%	
Average Fail-Only Runtime Flaction (-)	72.0	70.0	72.6	74.0	
Average Temperature (F)	72.0	12.3	72.0	74.0	
Total Hours (%)	73%	31%	0%	0%	0%
Hours With Any Cooling (%)	57%	35%	0%	070	070
Avg. Cooling Runtime Fraction (-)	0.36	0.22	0,0		
Hours with Any Dehumid. (%)	96%	96%	100%		
Average Dehumid, Runtime Fraction (-)	0.56	0.50	0.39		
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.7	73.7	74.8		
May					
Total Hours (%)	29%	4%	0%	0%	0%
Hours With Any Cooling (%)	79%	67%			
Avg. Cooling Runtime Fraction (-)	0.32	0.18			
Hours with Any Dehumid. (%)	100%	100%			
Average Dehumid. Runtime Fraction (-)	0.53	0.42			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	74.4	75.2			
Jun		1		1	1
Total Hours (%)	5%	0%	0%	0%	0%
Hours With Any Cooling (%)	97%				
Avg. Cooling Runtime Fraction (-)	0.49				
Hours with Any Dehumid. (%)	100%				
Average Dehumid. Runtime Fraction (-)	0.95				
Hours with Fan-only (No cool or dehumid) (%)	0%				
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	75.1	1			1

Table 13. Site 4 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Average Temperature (F)

Average Temperature (F)

Month

Jan

Feb

Mar

Apr

May

Jun

	Relative	Humidity Th	reshold		2002		Relative	Humidity Th	nreshold	
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
120/	20%	0%	0%	0%	Jui Total Hours (%)	70%	50%	20%	1.20/	20/
43%	20%	0%	0%	0%	Hours With Any Cooling (%)	70%	31%	30%	30%	3% 17%
078	078				Ava Cooling Runtime Fraction (-)	0.86	0.84	0.80	0.73	0.87
100%	100%				Hours with Any Debumid (%)	100%	100%	100%	100%	100%
0.97	0.98				Average Debumid, Runtime Fraction (-)	0.99	0.99	0.99	0.98	1 00
0.01	0.00				Hours with Ean-only (No cool or dehumid) (%)	0%	0.00	0.00	0.00	0%
070	070				Average Fan-Only Runtime Fraction (-)	070	070	070	070	070
83.2	83.7				Average Temperature (F)	85.7	86.5	87.2	87.3	87.3
00.2	00.1			L	Aug	00.1	00.0	07.2	07.0	07.0
1%	0%	0%	0%	0%	Total Hours (%)	61%	15%	1%	0%	0%
0%	0,0				Hours With Any Cooling (%)	81%	73%	78%		
					Avg. Cooling Runtime Fraction (-)	0.49	0.43	0.56		
100%					Hours with Any Dehumid. (%)	100%	100%	100%		
1.00					Average Dehumid, Runtime Fraction (-)	0.89	0.89	0.91		
0%					Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
070				<u> </u>	Average Fan-Only Runtime Fraction (-)	070	070	070		
82.1					Average Temperature (F)	80.1	79.8	79.6		
02.1	1			<u> </u>	Sep	00.1	75.0	75.0	1	
35%	13%	6%	1%	0%	Total Hours (%)	81%	42%	12%	4%	1%
7%	8%	2%	0%	070	Hours With Any Cooling (%)	59%	59%	69%	65%	57%
0.68	0.58	0.10	070		Avg. Cooling Runtime Fraction (-)	0.54	0.57	0.57	0.55	0.52
100%	100%	100%	100%		Hours with Any Debumid (%)	100%	100%	100%	100%	100%
1.00/0	1.00	1.00	1.0070		Average Debumid, Runtime Fraction (-)	0.91	0.91	0.92	0.92	0.84
0%	0%	0%	0%		Hours with Ean-only (No cool or debumid) (%)	0.01	0.01	0.02	0.02	0.04
070	070	070	070		Average Fan-Only Runtime Fraction (-)	070	070	070	070	070
83.2	84.5	85.1	85.8			80.9	80.7	79.5	78.9	78.8
00.2	04.5	00.1	00.0	L	Oct	00.5	00.7	75.5	70.5	70.0
69%	26%	7%	0%	0%	Total Hours (%)	81%	54%	4%	0%	0%
4%	3%	4%	0,0	0,0	Hours With Any Cooling (%)	30%	28%	38%	0,0	0,0
0.54	0.23	0.07			Avg. Cooling Runtime Eraction (-)	0.44	0.44	0.77		
97%	94%	81%			Hours with Any Debumid (%)	75%	67%	67%		
1 00	1.00	1 00			Average Dehumid, Runtime Eraction (-)	0.56	0.54	0.65		
0%	0%	0%			Hours with Ean-only (No cool or dehumid) (%)	25%	33%	33%		
070	070	070			Average Ean-Only Runtime Fraction (-)	0.33	0.33	0.33		
86.5	87.8	88.3	87 7		Average Temperature (F)	81.4	81.4	80.9		
00.0	01.0	00.0	0.11		Nov	0	0	00.0		
62%	30%	9%	2%	0%	Total Hours (%)					
15%	10%	6%	0%	0%	Hours With Any Cooling (%)					
0.74	0.55	0.49	070	075	Avg. Cooling Runtime Fraction (-)					
100%	100%	100%	100%	100%	Hours with Any Dehumid (%)					
0.98	0,99	1.00	1.00	1.00	Average Dehumid, Runtime Fraction (-)					
0%	0%	0%		0%	Hours with Fan-only (No cool or dehumid) (%)					
070	0.70	0.70	070	075	Average Fan-Only Runtime Fraction (-)					
85.2	86.8	89.3	89.4	89.1	Average Temperature (F)					
50.L	23.0		00.4		Dec	1	1	I.		
77%	52%	19%	2%	0%	Total Hours (%)					
31%	32%	33%	24%	100%	Hours With Any Cooling (%)					
0.86	0.88	0.86	0.58	0.04	Avg. Cooling Runtime Fraction (-)					
100%	100%	100%	100%	100%	Hours with Any Dehumid (%)					
0.99	1 00	1 00	1 00	1 00	Average Dehumid Runtime Fraction (-)					
0.00	0%	0%	0%	0%	Hours with Fan-only (No cool or dehumid) (%)					
070	0.70	0.78	078	073	Average Fan-Only Runtime Fraction (-)					
86.0	87.0	87 5	87 2	86.6	Average Temperature (F)					
	01.0	01.5	01.2	00.0			1	1		

2002		Relative	Humidity T	hreshold		2002		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
1											
	4.07	00/	00/	00/	00/	Jui	500/	000/	40/	00/	00/
I otal Hours (%)	1%	0%	0%	0%	0%	I otal Hours (%) 52%	22%	4%	0%	0%
Hours with Any Cooling (%)	0%					Hours with Any Cooling (%) 32%	30%	40%		
Avg. Cooling Runtime Fraction (-)	4000/					Avg. Cooling Runtime Fraction (-	0.84	0.81	0.79		
Hours with Any Denumid. (%)	100%					Hours with Any Denumid. (%	100%	100%	100%		
Average Denumic. Runtime Fraction (-)	1.00					Average Denumid. Runtime Fraction (-	0.99	0.99	1.00		
Hours with Fan-only (No cool or denumid) (%)	0%					Hours with Fan-only (No cool or denumid) (%	/ 0%	0%	0%		
Average Fan-Only Runtime Fraction (-)	00.0					Average Fan-Only Runtime Fraction (-	/	05.0	05.7		
Average Temperature (F)	83.2				L	Average Temperature (F	1 84.9	85.9	85.7		
	00/	00/	00/	00/	00/	Aug) 010/	00/	00/	00/	00/
I otal Hours (%)	0%	0%	0%	0%	0%	Total Hours (%) 31%	2%	0%	0%	0%
Hours With Any Cooling (%)						Hours with Any Cooling (%	/ /5%	69%			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-	0.45	0.46			
Hours with Any Denumid. (%)						Hours with Any Denumid. (%	100%	100%			
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-	0.88	0.95			
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%) 0%	0%			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-	/	L			
Average Temperature (F)						Average Temperature (F) 78.8	78.5			
vlar Tarihi (a)	1001	=0/				Sep					
I otal Hours (%)	13%	5%	0%	0%	0%	I otal Hours (%) 55%	12%	2%	0%	0%
Hours With Any Cooling (%)	7%	3%				Hours With Any Cooling (%) 60%	72%	62%		
Avg. Cooling Runtime Fraction (-)	0.54	0.10				Avg. Cooling Runtime Fraction (-) 0.53	0.53	0.43		
Hours with Any Dehumid. (%)	100%	100%				Hours with Any Dehumid. (%) 100%	100%	100%		
Average Dehumid. Runtime Fraction (-)	1.00	1.00				Average Dehumid. Runtime Fraction (-) 0.92	0.93	0.92		
Hours with Fan-only (No cool or dehumid) (%)	0%	0%				Hours with Fan-only (No cool or dehumid) (%) 0%	0%	0%		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	L			
Average Temperature (F)	83.0	84.0				Average Temperature (F) 80.0	79.2	78.8		
Apr Trial Line (84)	000/	10/	00/	00/	00/	Oct	050/	100/		00/	00/
I otal Hours (%)	26%	1%	0%	0%	0%	Total Hours (%) 65%	19%	0%	0%	0%
Hours With Any Cooling (%)	3%	0%				Hours with Any Cooling (%) 27%	13%	0%		
Avg. Cooling Runtime Fraction (-)	0.23					Avg. Cooling Runtime Fraction (-	0.44	0.77			
Hours with Any Dehumid. (%)	93%	80%				Hours with Any Dehumid. (%) 68%	36%	0%		
Average Denumid. Runtime Fraction (-)	1.00	1.00				Average Denumid. Runtime Fraction (-	0.56	0.64	1000/		
Hours with Fan-only (No cool or denumid) (%)	0%	0%				Hours with Fan-only (No cool or denumid) (%) 32%	64%	100%		
Average Fan-Only Runtime Fraction (-)	00.4	05.0				Average Fan-Only Runtime Fraction (-	0.33	0.33	0.33		
Average Temperature (F)	86.4	85.9				Average Temperature (F	/ 80.8	80.0	78.0		
Total Hours (%)	210/	20/	10/	00/	09/	Nov	、	<u>г</u>			
I otal Hours (%)	31%	3%	1%	0%	0%	Total Hours (%	<u>'</u>	┝─────			
Hours With Any Cooling (%)	10%	0%	0%	1		Hours With Any Cooling (%	(
Avg. Cooling Runtime Fraction (-)	0.50	1000/	4000/			Avg. Cooling Runtime Fraction (-	<u>'</u>	┝─────			
Hours with Any Dehumid. (%)	100%	100%	100%			Hours with Any Dehumid. (%	!	l			
Average Denumid. Runtime Fraction (-)	0.99	1.00	1.00			Average Denumid. Runtime Fraction (-	<u>'</u>	┝─────			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%	!	l			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-	!	l			
Average Temperature (F)	85.4	87.8	89.4			Average Temperature (F	<u>/</u>	<u> </u>			
Jun	500/					Dec		<u>т</u>			
I otal Hours (%)	52%	17%	1%	0%	0%	I otal Hours (%	/				
Hours With Any Cooling (%)	33%	40%	33%			Hours With Any Cooling (%	<u>/</u>	┟────┤			
Avg. Cooling Runtime Fraction (-)	0.87	0.89	0.43			Avg. Cooling Runtime Fraction (-	1	┟────┤			
Hours with Any Dehumid. (%)	100%	100%	100%			Hours with Any Dehumid. (%	<u>/</u>	↓			
Average Dehumid. Runtime Fraction (-)	1.00	1.00	1.00			Average Dehumid. Runtime Fraction (-	신	┥────┤			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%	<u>ا</u> ــــــــــــــــــــــــــــــــــــ	↓			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-	<u>/</u>	↓			
Average Temperature (F)	85.4	86.3	87.0	1		Average Temperature (F	1				
teter Orienees Dructiese Exections and the should be											

2001	Relative	Humidity Th	reshold		2001		Relative	Humidity Th	reshold	
onth	Above 50% Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
							-			
n					Jul					
Total Hours (%)					Total Hours (%)					
Hours With Any Cooling (%)					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)					
b					Aug			·		
Total Hours (%)					Total Hours (%)					
Hours With Any Cooling (%)					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)					
ar Tatalilla a (0()		1	1		Sep			η	1	
I otal Hours (%)					Total Hours (%)					
Hours With Any Cooling (%)					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Denumid. (%)					Hours with Any Denumid. (%)					
Average Denumid. Runtime Fraction (-)					Average Denumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or denumid) (%)					Hours with Fan-only (No cool or denumid) (%)					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)			I		
Total Hours (%)					Total Hours (%)	0.40/	E10/	220/	20/	0%
Hours With Apy Cooling (%)					Hours With Any Cooling (%)	04 %	420/	23%	2 /0	100%
Ava Cooling Puntime Eraction (-)					Avg. Cooling Puntime Eraction (-)	0.50	42 /8	0.30	0.27	0.07
Hours with Any Debumid (%)					Hours with Any Debumid (%)	42%	46%	40%	83%	100%
Average Debumid Runtime Fraction (-)					Average Debumid Runtime Fraction (-)	0.47	0.48	-43%	0.49	0.18
Hours with Ean-only (No cool or dehumid) (%)					Hours with Ean-only (No cool or debumid) (%)	21%	20%	35%	17%	0.10
Average Ean-Only Runtime Fraction (-)					Average Ean-Only Runtime Fraction (-)	0.33	0.33	0.32	0.33	078
Average Temperature (F)					Average Temperature (F)	74.8	73.9	73.5	73.4	73.2
av					Nov	14.0	10.0	10.0	10.1	70.2
Total Hours (%)					Total Hours (%)	80%	59%	15%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%)	48%	45%	54%	0,0	0,0
Avg Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)	0.44	0.36	0.27		
Hours with Any Dehumid (%)					Hours with Any Dehumid (%)	8%	6%	3%		
Average Dehumid, Runtime Fraction (-)					Average Dehumid, Runtime Fraction (-)	0.55	0.56	0.72		
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	42%	44%	36%		
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33		
Average Temperature (F)					Average Temperature (F)	73.1	73.2	73.5		
n					Dec					
Total Hours (%)					Total Hours (%)	57%	31%	12%	2%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%)	27%	35%	43%	29%	100%
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)	0.41	0.35	0.25	0.50	0.82
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)	54%	52%	54%	86%	0%
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)	0.89	0.89	0.89	0.89	570
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	27%	26%	20%	0%	0%
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33		
Average Temperature (F)					Average Temperature (F)	70.5	71.0	71.1	71.4	71.8

Table 15. Site 5 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

Month Jan

Feb

Mar

Apr

May

Jun

2001		Relative	Humidity Th	reshold		2001		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan				1		Jul					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Feb						Aug					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Mar					·	Sep		II	1		
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)						Hours with Any Dehumid (%)					
Average Debumid Runtime Fraction (-)						Average Dehumid Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or debumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Anr											
Total Hours (%)						Total Hours (%)	71%	30%	13%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	33%	34%	31%	100%	070
Avg. Cooling Puntime Eraction (-)						Ava Cooling Puntime Fraction (-)	0.47	0.35	0.23	0.07	
Hours with Any Dohumid (%)						Hours with Any Dobumid (%)	410/	470/	40%	10.07	
Average Debumid Puptime Fraction ()						Average Debumid, Puntime Fraction ()	41%	4770	49%	0.19	
Average Denumu. Rumine Flaction (-)						Average Denutritu. Rutturne Fraction (-)	0.47	0.40	0.41	0.10	
Hours with Fan-only (No cool of denumic) (%)						Average For Only Runtime Fraction ()	25%	30%	30%	0%	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.31	70.0	
Average Temperature (F)						Average Temperature (F)	13.2	12.0	12.3	12.3	
Tatal Haura (%)						Nov Total Hours (9()	740/	450/	20/	09/	00/
I Utar Mith Any Casting (%)						I Jawa Mith Any Casting (%)	14%	43%	3%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	49%	35%	55%		
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.41	0.28	0.30		
Hours with Any Denumia. (%)						Hours with Any Denumid. (%)	/%	5%	0%		
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-)	0.56	0.58	4504		
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	42%	52%	45%		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33		
Average Temperature (F)						Average Temperature (F)	/1.8	72.3	/1./		
Jun						Dec					
Total Hours (%)						Total Hours (%)	50%	26%	5%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	31%	32%	51%	100%	
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.41	0.30	0.29	0.47	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	51%	53%	46%	50%	
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)	0.89	0.89	0.89	0.89	
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	28%	28%	15%	0%	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33		
Average Temperature (F)						Average Temperature (F)	69.8	70.3	70.5	71.0	

Table 16. Site 5 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 17. Site 5 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

21%

32%

0.31

62%

0.47

23%

0.33

71.3

5%

9%

41%

19%

0.33

33%

0.49

50%

0.33

70.6

16%

7%

Relative Humidity Threshold Above 50% Above 55% Above 60% Above 65% Above 70%

8%

49%

0.29

82%

0.39

0.33

71.7

1%

0%

9%

0%

0%

0%

0%

0%

2002

Total Hours (%)

Total Hours (%)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Month Jan

Feb

2002	Relative Humidity Threshold									
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%					
Jul										
Total Hours (%)	94%	38%	2%	0%	0%					
Hours With Any Cooling (%)	99%	100%	100%							
Avg. Cooling Runtime Fraction (-)	0.54	0.50	0.30							
Hours with Any Dehumid. (%)	39%	41%	57%							
Average Dehumid. Runtime Fraction (-)	0.47	0.46	0.41							
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%							
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)	74.0	74.1	74.0							
Aug	1009/	270/	00/	00/	00/					
I Dial Hours (%)	100%	21%	0%	0%	0%					
Hours With Any Cooling (%)	99%	98%								
Avg. Cooling Runtime Fraction (-)	0.55	0.44								
Hours with Any Denumid. (%)	19%	38%								
Average Denumid. Runtime Fraction (-)	0.36	0.30								
Hours with Fan-only (No cool of denumid) (%)	0%	0%								
Average Fan-Only Runume Flaction (-)	74.1	74.2								
Average remperature (F)	74.1	74.2								
Total Hours (%)	99%	31%	2%	1%	0%					
Hours With Any Cooling (%)	92%	91%	100%	100%	100%					
Avg. Cooling Runtime Fraction (-)	0.44	0.41	0.43	0.39	0.39					
Hours with Any Dehumid. (%)	48%	53%	42%	44%	0%					
Average Dehumid, Runtime Fraction (-)	0.48	0.47	0.41	0.46						
Hours with Fan-only (No cool or dehumid) (%)	3%	3%	0%	0%	0%					
Average Fan-Only Runtime Fraction (-)	0.29	0.28								
Average Temperature (F)	75.0	74.9	76.7	75.8	75.2					
Oct										
Total Hours (%)	86%	28%	3%	2%	0%					
Hours With Any Cooling (%)	69%	68%	24%	22%	0%					
Avg. Cooling Runtime Fraction (-)	0.35	0.34	0.29	0.20						
Hours with Any Dehumid. (%)	61%	63%	12%	11%	0%					
Average Dehumid. Runtime Fraction (-)	0.54	0.54	0.80	0.61						
Hours with Fan-only (No cool or dehumid) (%)	22%	23%	65%	67%	100%					
Average Fan-Only Runtime Fraction (-)	0.28	0.29	0.29	0.29	0.27					
Average Temperature (F)	75.6	75.6	76.5	76.6	75.9					
Nov		1								
Hours With Any Cooling (%)										
Avg. Cooling Puptime Fraction ()										
Avg. Cooling Runtime Fraction (-)										
Average Debumid, Buptime Fraction ()										
Hours with East only (No cool or dobumid) (%)										
Average Eap-Only Ruptime Eraction (-)										
Total Hours (%)										
Hours With Any Cooling (%)										
Avg. Cooling Runtime Fraction (-)										
Hours with Any Dehumid (%)										
Average Dehumid, Runtime Fraction (-)										
Hours with Fan-only (No cool or dehumid) (%)										
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)										
		1								

Avg. Cooling Runtime Fraction (-)	0.30	0.37			
Hours with Any Dehumid. (%)	4%	12%	40%	100%	
Average Dehumid. Runtime Fraction (-)	0.37	0.37	0.11	0.15	
Hours with Fan-only (No cool or dehumid) (%)	90%	79%	60%	0%	
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33		
Average Temperature (F)	71.7	72.0	72.5	73.2	
Mar					
Total Hours (%)	53%	36%	13%	0%	0%
Hours With Any Cooling (%)	28%	33%	35%	100%	100%
Avg. Cooling Runtime Fraction (-)	0.32	0.27	0.22	0.43	0.43
Hours with Any Dehumid. (%)	36%	48%	70%	100%	100%
Average Dehumid. Runtime Fraction (-)	0.42	0.41	0.33	0.17	0.17
Hours with Fan-only (No cool or dehumid) (%)	56%	44%	26%	0%	0%
Average Fan-Only Runtime Fraction (-)	0.30	0.29	0.29		
Average Temperature (F)	72.7	73.2	73.1	71.1	71.1
Apr					
Total Hours (%)	95%	77%	18%	0%	0%
Hours With Any Cooling (%)	63%	66%	73%		
Avg. Cooling Runtime Fraction (-)	0.38	0.37	0.25		
Hours with Any Dehumid. (%)	56%	59%	83%		
Average Dehumid. Runtime Fraction (-)	0.47	0.46	0.33		
Hours with Fan-only (No cool or dehumid) (%)	20%	14%	10%		
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.30		
Average Temperature (F)	73.1	73.3	73.3		
Мау					
Total Hours (%)	99%	83%	22%	0%	0%
Hours With Any Cooling (%)	80%	83%	77%		
Avg. Cooling Runtime Fraction (-)	0.43	0.44	0.37		
Hours with Any Dehumid. (%)	38%	40%	51%		
Average Dehumid. Runtime Fraction (-)	0.41	0.40	0.36		
Hours with Fan-only (No cool or dehumid) (%)	13%	10%	14%		
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28		
Average Temperature (F)	74.6	74.9	75.4		
Jun					
Total Hours (%)	100%	88%	21%	0%	0%
Hours With Any Cooling (%)	93%	93%	87%		
Avg. Cooling Runtime Fraction (-)	0.41	0.40	0.32		
Hours with Any Dehumid. (%)	43%	44%	49%		
Average Dehumid. Runtime Fraction (-)	0.39	0.38	0.41		
Hours with Fan-only (No cool or dehumid) (%)	1%	1%	1%		
Average Fan-Only Runtime Fraction (-)	0.27	0.27	0.27		
Average Temperature (F)	75.3	75.3	75.3		

Table 18. Site 5 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Month Jan

Feb

Mar

Apr

May

Jun

	Relative	Humidity Th	nreshold		2002		Relative	Humidity Th	reshold	
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
200/	170/	20/	00/	09/	Jul	000/	100/	00/	09/	09/
39%	17%	3%	0%	0%	I otal Hours (%)	89%	13%	100%	0%	0%
033	0.31	0.30			Ava Cooling Runtime Fraction (-)	99%	0.38	0.30		
35%	67%	77%			Hours with Any Debumid (%)	30%	50%	100%		
0.49	01/0	0.19			Average Debumid, Runtime Fraction (-)	0.48	0.43	0.32		
48%	20%	4%			Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0.02		
0.33	0.33	0.33			Average Fan-Only Runtime Fraction (-)	070	0,0	0,0		
70.1	71.0	71.2			Average Temperature (F)	73.1	73.1	73.0		
			11		Aug					
12%	3%	0%	0%	0%	Total Hours (%)	83%	10%	0%	0%	0%
7%	0%	0%			Hours With Any Cooling (%)	98%	99%			
0.31					Avg. Cooling Runtime Fraction (-)	0.53	0.37			
5%	18%	67%			Hours with Any Dehumid. (%)	22%	55%			
0.37	0.37	0.11			Average Dehumid. Runtime Fraction (-)	0.36	0.38			
88%	82%	33%			Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
0.33	0.33	0.33			Average Fan-Only Runtime Fraction (-)					
71.2	71.7	72.5			Average Temperature (F)	73.3	73.4			
1		1			Sep					
50%	30%	4%	0%	0%	Total Hours (%)	93%	14%	1%	1%	0%
28%	35%	66%	100%		Hours With Any Cooling (%)	92%	92%	100%	100%	
0.29	0.26	0.23	0.43		Avg. Cooling Runtime Fraction (-)	0.44	0.38	0.49	0.45	
37%	55%	83%	100%		Hours with Any Dehumid. (%)	48%	55%	13%	0%	
0.42	0.39	0.29	0.17		Average Dehumid. Runtime Fraction (-)	0.48	0.47	0.23		
55%	37%	14%	0%		Hours with Fan-only (No cool or dehumid) (%)	3%	5%	0%	0%	
0.30	0.29	0.27	70.0		Average Fan-Only Runtime Fraction (-)	0.29	0.28	70.0	75.7	
72.3	/2./	73.0	70.6		Average Temperature (F)	73.9	74.1	76.9	/5./	
93%	69%	5%	0%	0%	Total Hours (%)	75%	9%	1%	0%	0%
64%	64%	90%	070	070	Hours With Any Cooling (%)	68%	52%	60%	100%	070
0.38	0.36	0.22			Avg. Cooling Runtime Fraction (-)	0.36	0.25	0.18	0.15	
57%	57%	90%			Hours with Any Dehumid. (%)	61%	54%	0%	0%	
0.47	0.44	0.25			Average Dehumid. Runtime Fraction (-)	0.54	0.47			
19%	14%	5%			Hours with Fan-only (No cool or dehumid) (%)	23%	33%	40%	0%	
0.28	0.28	0.30			Average Fan-Only Runtime Fraction (-)	0.28	0.29	0.27		
72.7	72.8	72.8			Average Temperature (F)	74.7	74.9	77.4	75.9	
					Nov					
98%	69%	5%	0%	0%	Total Hours (%)					
81%	82%	74%			Hours With Any Cooling (%)					
0.43	0.42	0.42			Avg. Cooling Runtime Fraction (-)					
39%	42%	29%			Hours with Any Dehumid. (%)					
0.41	0.40	0.23			Average Dehumid. Runtime Fraction (-)					
12%	11%	16%			Hours with Fan-only (No cool or dehumid) (%)					
0.28	0.28	0.28			Average Fan-Only Runtime Fraction (-)					
74.0	74.4	76.0			Average Temperature (F)					
4000/	0001	70/	001	00/	Dec				T	
100%	0400	7%	0%	0%	Liourn With Any Casting (%)					
93%	91%	/9%			Hours with Any Cooling (%)					
420/	0.39	0.32			Avg. Cooling Runtime Fraction (-)					
43%	40%	49%			Average Debumid, Puptime Erection (
10/	10/	0.40			Hours with Ean-only (No cool or debumid) (9)					
0.27	0.27	078			Average Ean-Only Runtime Fraction (-)					
74 5	74.6	74.6			Average Temperature (F)					
17.5	74.0	74.0	1		Average reinperature (r)			1		

2001	Relative Humidity Threshold					2001		Relative Humidity Threshold					
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan						Jui	Total Haura (0/)	100%	100%	200/	09/	00	
Hours With Any Cooling (%	<u></u>					Hours Wi	total Hours (%)	100%	100%	20%	0%	07	
Ava Cooling Puptime Fraction (~	<						Puntime Eraction (-)	0.77	0.77	0.08			
Hours with Any Dehumid (%	<u> </u>					Hours with	Any Debumid (%)	0.77	0.77	0.00			
Average Debumid, Runtime Fraction (-	(Average Debumid R	Puntime Fraction (-)	0 /8	078	078			
Hours with Ean-only (No cool or dehumid) (%	<u> </u>					Hours with Ean-only (No co	ol or dehumid) (%)	0%	0%	0%			
Average Fan-Only Runtime Fraction (-	Ś					Average Fan-Only R	untime Fraction (-)	070	070	070			
Average Temperature (F	<u></u>					Average	e Temperature (F)	76.3	76.3	78.0			
Feb	/		1		· · · · · · · · · · · · · · · · · · ·	Aug	je remperatare (r)	. 0.0	. 0.0	1010		1	
Total Hours (%)						Total Hours (%)	100%	99%	24%	0%	0%	
Hours With Any Cooling (%	Ś					Hours Wi	th Any Cooling (%)	100%	100%	100%	100%		
Avg. Cooling Runtime Fraction (-	Ó					Avg. Cooling R	Runtime Fraction (-)	0.55	0.55	0.33	0.92		
Hours with Any Dehumid. (%)					Hours with	Any Dehumid. (%)	1%	1%	2%	0%		
Average Dehumid. Runtime Fraction (-	Ś					Average Dehumid. R	Runtime Fraction (-)	0.41	0.41	0.33			
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No co	ol or dehumid) (%)	0%	0%	0%	0%		
Average Fan-Only Runtime Fraction (-	Ś					Average Fan-Only R	Runtime Fraction (-)						
Average Temperature (F)					Averac	e Temperature (F)	76.0	76.0	76.1	77.3		
Mar			1		· · · · · · · · · · · · · · · · · · ·	Sep							
Total Hours (%)						Total Hours (%)	100%	99%	58%	17%	0%	
Hours With Any Cooling (%)					Hours Wi	th Any Cooling (%)	81%	81%	78%	79%	100%	
Avg. Cooling Runtime Fraction (-)					Avg. Cooling R	Runtime Fraction (-)	0.44	0.44	0.39	0.27	0.2	
Hours with Any Dehumid. (%)					Hours with	Any Dehumid. (%)	14%	14%	14%	2%	0%	
Average Dehumid. Runtime Fraction (-)					Average Dehumid. R	Runtime Fraction (-)	0.46	0.46	0.43	0.25		
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No co	ol or dehumid) (%)	18%	18%	20%	21%	0%	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only R	Runtime Fraction (-)	0.69	0.69	0.80	0.92		
Average Temperature (F)					Averag	e Temperature (F)	76.6	76.7	77.1	77.7	77.3	
Apr						Oct							
Total Hours (%)						Total Hours (%)	98%	84%	38%	5%	0%	
Hours With Any Cooling (%)					Hours Wi	th Any Cooling (%)	43%	49%	60%	67%		
Avg. Cooling Runtime Fraction (-)					Avg. Cooling R	Runtime Fraction (-)	0.28	0.28	0.25	0.20		
Hours with Any Dehumid. (%)					Hours with	Any Dehumid. (%)	19%	19%	14%	5%		
Average Dehumid. Runtime Fraction (-)					Average Dehumid. R	Runtime Fraction (-)	0.55	0.55	0.57	0.49		
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No co	ol or dehumid) (%)	44%	38%	33%	31%		
Average Fan-Only Runtime Fraction (-)					Average Fan-Only R	Runtime Fraction (-)	0.34	0.35	0.35	0.36		
Average Temperature (F)					Averaç	ge Temperature (F)	75.7	76.0	76.6	76.8		
May		1	1	1		Nov		0.50/				1 00	
Total Hours (%)						Total Hours (%)	85%	70%	31%	2%	0%	
Hours With Any Cooling (%)					Hours Wi	th Any Cooling (%)	31%	35%	39%	67%		
Avg. Cooling Runtime Fraction (-)					Avg. Cooling F	(-)	0.29	0.29	0.25	0.27		
Hours with Any Dehumid. (%	2					Hours with	Any Dehumid. (%)	0%	0%	0%	0%		
Average Denumid. Runtime Fraction (-	2					Average Denumid. R	(untime Fraction (-)	0.01					
Hours with Fan-only (No cool or dehumid) (%	2					Hours with Fan-only (No co	ol or dehumid) (%)	69%	65%	61%	33%		
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only F	untime Fraction (-)	0.33	0.33	0.33	0.33		
Average Temperature (F)					Averaç	je Temperature (F)	/5.5	75.9	76.2	76.3		
Jun		-		1		Dec	Tatal Llaving (0()	C00/	220/	4.00/	40/	00	
Hours With Any Cooling (%)	<u></u>					Hours Wi	Total ⊓ours (%)	00%	33%	10%	1% E0%	07	
Hours with Any Cooling (%	<hr/>						un Any Cooling (%)	13%	19%	21%	50%		
Avg. Cooling Runtime Fraction (-	(<u> </u>					Avg. Cooling R	Any Deburgid (0)	0.27	0.24	0.27	0.35		
Hours with Any Denumid. (%	(<u> </u>	Hours with	Any Denumid. (%)	0%	0%	0%	0%	+	
Average Denumic. Runtime Fraction (-	(<u> </u>					Average Denumid. Hours with Ean only (No. 1	untime rraction (-)	070/	040/	700/	E00/		
Average Eap Only Puntime Erection (%	<hr/>						or or denumia) (%)	0.00	0.00	/9%	50%	+	
Average Fan-Only Runtime Fraction (-	<hr/>					Average Fan-Only R	Cumume Fraction (-)	0.28	0.28	0.29	0.28	+	
Average remperature (F	/	1	1	1		Averag	je remperature (F)	13.5	/4./	10.3	10.3	1	

Table 19. Site 6 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001	Relative Humidity Threshold					2001		Relative	Humidity Th		
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lan						h-d					
Jan Total Hours (%	\		1	1		Jui Total Hours (%	100%	60%	0%	0%	0%
Hours With Any Cooling (%	(Hours With Any Cooling (%	80%	100%	078	0 78	07
Ava Cooling Runtime Fraction (-	(Avg. Cooling Runtime Fraction (-	0.77	8,001 0.00			
Hours with Any Debumid (%	<u></u>					Hours with Any Debumid (%	0.77	0.05			
Average Debumid Runtime Fraction (-	í –					Average Debumid, Runtime Fraction (-	1	070			
Hours with Ean-only (No cool or dehumid) (%	í –					Hours with Ean-only (No cool or dehumid) (%	0%	0%			
Average Fan-Only Runtime Fraction (-	í –					Average Fan-Only Runtime Fraction (-	1	070		1	
Average Temperature (F	í –					Average Temperature (F	76.1	76.0			
Feb	/		1		-	Aug		10.0	I		
Total Hours (%)					Total Hours (%	100%	96%	9%	0%	0%
Hours With Any Cooling (%	ý					Hours With Any Cooling (%	100%	100%	100%		
Ava, Cooling Runtime Fraction (-	ý					Avg. Cooling Runtime Fraction (-	0.55	0.55	0.31		
Hours with Any Dehumid. (%	ý					Hours with Any Dehumid. (%	1%	1%	2%		
Average Dehumid, Runtime Fraction (-	ý					Average Dehumid, Runtime Fraction (-	0.41	0.41	0.18		
Hours with Fan-only (No cool or dehumid) (%	ý					Hours with Fan-only (No cool or dehumid) (%) 0%	0%	0%		
Average Fan-Only Runtime Fraction (-	ý					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F	ý					Average Temperature (F	75.0	75.0	75.2		
Mar	/		1	1	· · · · · · · · · · · · · · · · · · ·	Sep		1			
Total Hours (%)					Total Hours (%) 100%	95%	43%	13%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%) 81%	80%	76%	81%	
Avg. Cooling Runtime Fraction (-	ý					Avg. Cooling Runtime Fraction (-	0.44	0.44	0.37	0.26	
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%) 14%	14%	10%	0%	
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-) 0.46	0.45	0.41		
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%) 18%	18%	23%	19%	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-) 0.69	0.69	0.84	0.92	
Average Temperature (F)					Average Temperature (F) 75.8	75.8	76.4	76.9	
Apr						Oct					
Total Hours (%)					Total Hours (%) 97%	78%	26%	1%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%)	/ 43%	48%	57%	67%	
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	0.28	0.27	0.21	0.20	
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%) 19%	19%	13%	0%	
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-) 0.55	0.55	0.57	ļ	
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	/ 43%	38%	37%	33%	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-	0.34	0.35	0.35	0.36	
Average Temperature (F)					Average Temperature (F	75.0	75.2	75.7	75.5	
May		1	1	1		Nov					T
I otal Hours (%)					I otal Hours (%	84%	67%	22%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%	31%	33%	37%	100%	
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	0.29	0.28	0.24	0.25	
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%	0%	0%	0%	0%	
Average Denumid. Runtime Fraction (-	2					Average Denumid. Runtime Fraction (-	0.01	070/	000/	00/	
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%	69%	67%	63%	0%	
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only Runtime Fraction (-	0.33	0.33	0.33	75.0	
Average Temperature (F)					Average Temperature (F	/ /5.1	/5.5	/5.8	/5.6	
Jun Total Haura (%	\					Dec	649/	200/	00/	10/	00
Total Hours (%	2						04%	29%	0%	170	0%
Hours with Any Cooling (%	(<u> </u>	Hours with Any Cooling (%		20%	25%	43%	
Avg. Cooling Runtime Fraction (-	(<u> </u>	Avg. Cooling Kuntime Fraction (-	0.27	0.24	0.28	0.34	
nours with Any Denumid. (%	(<u> </u>	⊓ours with Any Denumid. (%	0%	0%	0%	0%	
Average Denumu. Rumume Fraction (-	(<u> </u>	Average Denumu. Rumine Fraction (-	070/	0,00/	750/	E70/	
Average Eap Only Puntime Erection (%	(<u> </u>	Average Eap Only Puntime Exercise (0/%	00%	/ 5%	5/%	
Average Fan-Only Runtime Fraction (-	(-	-	<u> </u>	Average Fall-Only Kuntime Fraction (-	0.28	0.28	0.28	74.0	
Average remperature (F	/		1	1	L	Average remperature (F	10.0	74.0	74.9	74.9	1

Table 20. Site 6 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 21. Site 6 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
Jul									
Total Hours (%)	100%	96%	45%	5%	0%				
Hours With Any Cooling (%)	99%	99%	98%	97%					
Avg. Cooling Runtime Fraction (-)	0.46	0.45	0.29	0.28					
Hours with Any Dehumid. (%)	13%	13%	19%	23%					
Average Dehumid. Runtime Fraction (-)	0.33	0.34	0.34	0.36					
Hours with Fan-only (No cool or dehumid) (%)	1%	1%	2%	3%					
Average Fan-Only Runtime Fraction (-)	0.27	0.27	0.27	0.27					
Average Temperature (F)	74.2	74.2	74.6	74.5					
Aug	1000/	0.40/	450/	50/	00/				
I otal Hours (%)	100%	94%	45%	5%	0%				
Hours With Any Cooling (%)	98%	98%	96%	89%					
Avg. Cooling Runtime Fraction (-)	0.46	0.44	0.30	0.23					
Hours with Any Denumid. (%)	6%	6%	12%	35%					
Average Denumic. Runtime Fraction (-)	0.29	0.29	0.30	0.29					
Average Eap Only Runtime Fraction ()	2%	2%	3%	0.29					
Average Fan-Only Runtime Flaction (-)	74.1	74.1	74.5	74.6					
Average Temperature (F)	74.1	74.1	74.5	74.0					
Total Hours (%)	100%	98%	60%	11%	0%				
Hours With Any Cooling (%)	91%	91%	91%	94%	070				
Avg. Cooling Runtime Fraction (-)	0.36	0.36	0.29	0.25					
Hours with Any Dehumid. (%)	12%	12%	18%	26%					
Average Dehumid. Runtime Fraction (-)	0.33	0.33	0.33	0.37					
Hours with Fan-only (No cool or dehumid) (%)	8%	8%	9%	6%					
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28					
Average Temperature (F)	74.2	74.2	74.4	74.5					
Dct									
Total Hours (%)	98%	87%	58%	7%	0%				
Hours With Any Cooling (%)	65%	70%	76%	97%					
Avg. Cooling Runtime Fraction (-)	0.32	0.31	0.28	0.26					
Hours with Any Dehumid. (%)	7%	6%	8%	12%					
Average Dehumid. Runtime Fraction (-)	0.40	0.32	0.31	0.40					
Hours with Fan-only (No cool or dehumid) (%)	33%	28%	22%	3%					
Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.29	0.32					
Average Temperature (F)	/4.0	/4.2	/4.5	/4.4					
Total Hours (%)									
Hours With Any Cooling (%)									
Avg Cooling Runtime Fraction (-)									
Hours with Any Dehumid (%)									
Average Debumid Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)									
Average Fan-Only Runtime Fraction (-)									
Average Temperature (F)									
Dec		1							
Total Hours (%)									
Hours With Any Cooling (%)		_							
Avg. Cooling Runtime Fraction (-)									
Hours with Any Dehumid. (%)									
Average Dehumid. Runtime Fraction (-)			-						
Hours with Fan-only (No cool or dehumid) (%)									
Average Fan-Only Runtime Fraction (-)									
Average Temperature (F)									

2002		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan	=00/			101	
Total Hours (%)	52%	30%	20%	1%	0%
Hours With Any Cooling (%)	12%	18%	26%	25%	
Avg. Cooling Runtime Fraction (-)	0.27	0.26	0.20	0.03	
Average Debumid Runtime Fraction (-)	0.47	0.48	0.47	23%	
Hours with Ean-only (No cool or debumid) (%)	81%	70%	57%	75%	
Average Fan-Only Runtime Fraction (-)	0.28	0.29	0.29	0.30	
Average Temperature (F)	74.4	75.8	76.6	76.8	
Feb					
Total Hours (%)	30%	13%	1%	0%	0%
Hours With Any Cooling (%)	2%	6%	0%		
Avg. Cooling Runtime Fraction (-)	0.22	0.22			
Hours with Any Dehumid. (%)	1%	4%	13%		
Average Dehumid. Runtime Fraction (-)	0.50	0.50	0.06		
Hours with Fan-only (No cool or dehumid) (%)	96%	91%	88%		
Average Fan-Only Runtime Fraction (-)	0.27	0.28	0.28		
Average Temperature (F)	73.5	74.9	75.5		
Mar Tatal Usura (0()	700/	470/	000/	40/	00/
I otal Hours (%)	12%	47%	23%	1%	0%
Hours With Any Cooling (%)	13%	19%	29%	0%	0%
Avg. Cooling Runtime Fraction (-)	0.47	0.46	0.45	09/	00/
Average Debumid, Buntime Fraction ()	0.40	0.40	25%	0%	0%
Hours with Ean-only (No cool or debumid) (%)	83%	7/0/	61%	100%	100%
Average Ean-Only Runtime Fraction (-)	0.28	0.28	0.29	0.29	0.32
Average Temperature (F)	74 9	75.6	76.0	76.1	78.0
Apr	14.0	10.0	10.0	70.1	10.0
Total Hours (%)	100%	92%	61%	12%	0%
Hours With Any Cooling (%)	53%	57%	59%	92%	
Avg. Cooling Runtime Fraction (-)	0.39	0.39	0.36	0.43	
Hours with Any Dehumid. (%)	52%	56%	64%	88%	
Average Dehumid. Runtime Fraction (-)	0.43	0.43	0.45	0.54	
Hours with Fan-only (No cool or dehumid) (%)	33%	28%	21%	0%	
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28		
Average Temperature (F)	75.1	75.2	75.4	75.8	
May	1000/		100/		
I otal Hours (%)	100%	90%	43%	6%	0%
Hours With Any Cooling (%)	68%	70%	68%	84%	
Avg. Cooling Runtime Fraction (-)	0.39	0.39	0.37	0.43	
Hours with Any Denumid. (%)	32%	35%	46%	79%	
Average Denumic. Rumine Fraction (-)	0.43	0.43	0.47	0.56	
Average Ean-Only Puntime Eraction (-)	20%	0.28	0.28	0.28	
Average Tan-Only Runtime Taction (-)	75.6	75.6	75.9	76.5	
Jun	10.0	70.0	10.0	70.0	
Total Hours (%)	100%	98%	59%	17%	0%
Hours With Any Cooling (%)	93%	93%	91%	90%	
Avg. Cooling Runtime Fraction (-)	0.43	0.43	0.32	0.23	
Hours with Any Dehumid. (%)	7%	7%	8%	9%	
Average Dehumid. Runtime Fraction (-)	0.32	0.32	0.33	0.32	
Hours with Fan-only (No cool or dehumid) (%)	6%	6%	8%	8%	
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.27	
A	70.7	70.7	74.4	74.4	

 Average Temperature (F)
 73.7
 73.7
 74.1
 74.4

 Note: Average Runtime Fractions only include periods where the runtime is greater than zero.
 The second seco

Table 22. Site 6 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

Month Jan

Feb

Mar

Apr

May

Jun

2002		Relative	Humidity TI	hreshold		2002		Relative	Humidity Th	reshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
n						Jul					
Total Hours (%)	46%	27%	15%	0%	0%	Total Hours (%)	100%	96%	45%	5%	0%
Hours With Any Cooling (%)	13%	21%	16%	1		Hours with Any Cooling (%)	99%	99%	98%	97%	
Avg. Cooling Runtime Flaction (-)	1.27	0.26	0.25			Avg. Cooling Runtime Fraction (-)	0.40	129/	0.29	0.20	
Average Debumid Puptime Eraction (-)	0.47	0.48	30%			Average Dehumid, Runtime Fraction (~)	0.33	0.34	0.34	23%	
Hours with Ean-only (No cool or dehumid) (%)	79%	65%	67%			Hours with Ean-only (No cool or debumid) (%)	1%	1%	2%	3%	
Average Fan-Only Runtime Fraction (-)	0.28	0.29	0.29			Average Ean-Only Runtime Fraction (-)	0.27	0.27	0.27	0.27	
Average Temperature (F)	74.2	75.5	76.1			Average Temperature (F)	74.2	74.2	74.6	74.5	
b						Aug					
Total Hours (%)	23%	7%	0%	0%	0%	Total Hours (%)	100%	94%	45%	5%	0%
Hours With Any Cooling (%)	3%	10%				Hours With Any Cooling (%)	98%	98%	96%	89%	
Avg. Cooling Runtime Fraction (-)	0.22	0.22				Avg. Cooling Runtime Fraction (-)	0.46	0.44	0.30	0.23	
Hours with Any Dehumid. (%)	2%	6%				Hours with Any Dehumid. (%)	6%	6%	12%	35%	
Average Dehumid. Runtime Fraction (-)	0.50	0.50				Average Dehumid. Runtime Fraction (-)	0.29	0.29	0.30	0.29	
Hours with Fan-only (No cool or dehumid) (%)	95%	84%				Hours with Fan-only (No cool or dehumid) (%)	2%	2%	3%	5%	
Average Fan-Only Runtime Fraction (-)	0.29	0.29				Average Fan-Only Runtime Fraction (-)	0.27	0.27	0.27	0.28	
Average Temperature (F)	73.7	75.1				Average Temperature (F)	74.1	74.1	74.5	74.6	
ar Taralda a contra	070/	400/	4.407	00/	00	Sep	4000/	000/	000/	4.40/	001
I otal Hours (%)	67%	43%	14%	0%	0%	I otal Hours (%)	100%	98%	60%	11%	0%
Hours With Any Cooling (%)	14%	19%	17%	0%		Hours with Any Cooling (%)	91%	91%	91%	94%	
Avg. Cooling Runtime Flaction (-)	0.47	179/	0.30	0%		Avg. Cooling Runtime Fraction (-)	0.30	0.30	1.29	0.25	
Average Debumid Puntime Fraction (-)	0.49	0.48	0.40	076		Average Debumid, Runtime Fraction (-)	0.33	0.33	0.33	20%	
Hours with Ean-only (No cool or dehumid) (%)	81%	74%	73%	100%		Hours with Ean-only (No cool or debumid) (%)	8%	8%	0.33	6%	
Average Ean-Only Runtime Fraction (-)	0.28	0.28	0.28	0.32		Average Ean-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28	
Average Temperature (F)	74.5	75.2	75.7	77.3		Average Temperature (F)	74.2	74.2	74.4	74.5	
or						Oct					
Total Hours (%)	100%	90%	36%	0%	0%	Total Hours (%)	98%	87%	58%	7%	0%
Hours With Any Cooling (%)	53%	58%	50%	100%		Hours With Any Cooling (%	65%	70%	76%	97%	
Avg. Cooling Runtime Fraction (-)	0.39	0.38	0.25	0.12		Avg. Cooling Runtime Fraction (-)	0.32	0.31	0.28	0.26	
Hours with Any Dehumid. (%)	52%	57%	60%	100%		Hours with Any Dehumid. (%)	7%	6%	8%	12%	
Average Dehumid. Runtime Fraction (-)	0.43	0.43	0.43	0.57		Average Dehumid. Runtime Fraction (-)	0.40	0.32	0.31	0.40	
Hours with Fan-only (No cool or dehumid) (%)	33%	27%	26%	0%		Hours with Fan-only (No cool or dehumid) (%)	33%	28%	22%	3%	
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28			Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.29	0.32	
Average Temperature (F)	74.3	74.5	74.8	75.4		Average Temperature (F)	74.0	74.2	74.5	74.4	
ay	00%	070/	200/	10/	00	Nov					
Hours With Any Cooling (%)	99%	01% 70%	20%	1%	07	Hours With Any Cooling (%)					
Avg. Cooling Puntime Eraction (-)	0.30	0.38	0.27	40%		Ava Cooling Puntime Eraction (-)					
Hours with Any Dehumid (%)	33%	34%	25%	0.15		Hours with Any Debumid (%)					
Average Dehumid Runtime Fraction (-)	0.43	0.41	0.36	070		Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	26%	24%	33%	60%		Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28		Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	75.0	75.1	75.2	74.5		Average Temperature (F					
in 🦉 👘 🖓						Dec					
Total Hours (%)	100%	98%	59%	17%	0%	Total Hours (%)					
Hours With Any Cooling (%)	93%	93%	91%	90%		Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.43	0.43	0.32	0.23		Avg. Cooling Runtime Fraction (-)		-			
Hours with Any Dehumid. (%)	7%	7%	8%	9%		Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.32	0.32	0.33	0.32		Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	6%	6%	8%	8%		Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.27		Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	/3./	/3./	/4.1	/4.4		Average Temperature (F)					

2001	Relative Humidity Threshold				2001	Relative Humidity Threshold				
onth	Above 50% Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
n					Jul					
Total Hours (%)					Total Hours (%)					
Hours With Any Cooling (%)					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				ļ	
Average Temperature (F)					Average Temperature (F)				L	
b	1		r		Aug			· · · · · · · · · · · · · · · · · · ·		
Total Hours (%)					Total Hours (%)					
Hours With Any Cooling (%)					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)					
ar					Sep					
Total Hours (%)					Total Hours (%)					
Hours With Any Cooling (%)					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				1	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)					
or					Oct					
Total Hours (%)					Total Hours (%)	52%	21%	5%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%)	76%	69%	53%	100%	
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)	0.42	0.34	0.23	0.21	
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)	1%	1%	0%	0%	
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)	0.20	0.20			
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	23%	29%	47%	0%	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33		
Average Temperature (F)					Average Temperature (F)	73.4	73.5	73.4	73.2	
ау					Nov					
Total Hours (%)					Total Hours (%)	8%	4%	2%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%)	87%	93%	83%	100%	
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)	0.53	0.35	0.17	0.22	
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)	0%	0%	0%	0%	
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	13%	7%	17%	0%	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	1	
Average Temperature (F)					Average Temperature (F)	73.1	72.9	72.8	71.8	
n					Dec			·		
Total Hours (%)					Total Hours (%)	53%	26%	13%	3%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%)	23%	31%	32%	37%	
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)	0.43	0.30	0.22	0.22	
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)	0%	0%	0%	0%	
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	77%	69%	68%	63%	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)	0.31	0.31	0.30	0.29	
Average Temperature (F)					Average Temperature (F)	74.1	75.1	75.6	76.3	

Table 23. Site 7 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

Month Jan

Feb

Mar

Apr

May

Jun

2001	Relative Humidity Threshold					2001	Relative Humidity Threshold				
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55% A	bove 60%	Above 65%	Above 70%
Jan	-					Jul					
I otal Hours (%)	-					I otal Hours (%)					
Hours With Any Cooling (%)	-					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	-					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	-					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Feb						Aug					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	-					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Mar						Sep					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Ava Cooling Runtime Fraction (-)					
Hours with Any Debumid (%)						Hours with Any Debumid (%)					
Average Debumid Puptime Frection ()	-					Average Debumid, Puntime Fraction ()			+		
Average Denumia. Runnine Fraction (-)						Average Denutritu. Rutturne Fraction (-)					
Hours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool of denumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Apr	-					Uct	070/	00/	40/	00/	00/
I otal Hours (%)						I otal Hours (%)	21%	8%	1%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	70%	72%	50%		
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.35	0.26	0.21		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	1%	0%	0%		
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)	0.20				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	29%	28%	50%		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33		
Average Temperature (F)						Average Temperature (F)	71.6	71.7	71.1		
Мау						Nov					
Total Hours (%)						Total Hours (%)	5%	2%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	94%	85%			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.46	0.18			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	0%	0%			
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	6%	15%			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.33	0.33			
Average Temperature (F)						Average Temperature (F)	71.3	71.6			
Jun						Dec					
Total Hours (%)	-					Total Hours (%)	34%	17%	3%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	28%	32%	17%	070	0.70
Ava Cooling Runtime Fraction (-)						Ava Cooling Runtime Fraction (-)	0.34	0.22	0.26		
Hours with Any Dobumid (%)						Hours with Any Dobumid (%)	0.34	0.22	0.20		
Average Debumid Puptime Erection ()						Average Debumid Puntime Fraction ()	076	0 /6	0 /0		
Average Denumu. Rumume Fraction (-)						Average Denumiu. Rumume Fraction (-)	700/	600/	0.00/		
Hours with Fan-Only (No cool of denumid) (%)		1		1		nours with Fan-only (No cool of denumid) (%)	12%	0.24	83%		l
Average Fan-Only Runtime Fraction (-)		1		1		Average Fan-Only Runtime Fraction (-)	0.31	0.31	0.29		
Average Temperature (F)						Average Temperature (F)	73.9	74.8	76.3		

Table 24. Site 7 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 25. Site 7 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

26%

33%

0.31

1%

0.17

67%

0.29

74.6

7%

31%

0.21

0%

69%

0.29

74.6

35%

53%

0.27

0%

47%

0.29

75.0

34%

50%

0.28

0%

46%

0.28

75.1

20%

79%

0.37

0%

21%

0.29

76.2

14%

99%

0.60

0%

1%

0.27

75.6

51%

21%

0.43

0%

0.17

79%

0.28

73.6

26%

15%

0.26

0%

85%

0.29

73.5

62%

40%

0.38

0%

60%

0.29

74.8

70%

67%

0.45

0%

28%

0.28

75.5

48%

75%

0.42

1%

0.07

25%

0.28

76.5

36%

98%

0.64

0%

2%

0.27

76.0

Relative Humidity Threshold

Above 50% Above 55% Above 60% Above 65% Above 70%

11%

48%

0.26

1%

0.17

52%

0.28

75.3

2%

23%

0.27

0%

77%

0.29

74.4

16%

65%

0.24

0%

35%

0.28

75.3

10%

48%

0.23

0%

51%

0.29

74.7

9%

77%

0.33

0%

23%

0.28

76.1

6%

98%

0.57

0%

2%

0.27

75.6

4%

50%

0.24

50%

0.28

75.8

0%

100%

0.36

0%

0%

73.8

4%

76%

0.21

0%

24%

0.28

75.3

1%

88%

0.33

0%

13%

0.32

73.8

2%

92%

0.37

0%

8%

0.27

75.9

2%

100%

0.57

0%

0%

75.7

0%

0%

67%

0.28

0%

33%

0.27

74.1

0%

0%

50%

0.07

50%

0.27

74.9

0%

0%

100%

0.64

0%

0%

76.6

0%

100%

0.55

0%

0%

76.3

0%

2002

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Total Hours (%)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Month

Jan

Feb

Mar

Apr

May

Jun

2002	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul								
Total Hours (%)	15%	8%	4%	1%	0%			
Hours With Any Cooling (%)	99%	98%	96%	100%				
Avg. Cooling Runtime Fraction (-)	0.83	0.82	0.83	0.86				
Hours with Any Dehumid. (%)	0%	0%	0%	0%				
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)	1%	2%	4%	0%				
Average Fan-Only Runtime Fraction (-)	0.27	0.27	0.27					
Average Temperature (F)	75.9	75.3	75.2	75.5				
Aug								
Total Hours (%)	94%	52%	19%	5%	0%			
Hours With Any Cooling (%)	98%	96%	95%	94%				
Avg. Cooling Runtime Fraction (-)	0.61	0.55	0.47	0.39				
Hours with Any Dehumid. (%)	0%	0%	0%	0%				
Average Dehumid. Runtime Fraction (-)	0.00							
Hours with Fan-only (No cool or dehumid) (%)	2%	4%	5%	6%				
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.27				
Average Temperature (F)	76.1	76.1	75.8	75.6				
Sep								
Total Hours (%)	100%	99%	62%	29%	4%			
Hours With Any Cooling (%)	92%	92%	90%	90%	97%			
Avg. Cooling Runtime Fraction (-)	0.43	0.43	0.38	0.35	0.33			
Hours with Any Dehumid. (%)	5%	5%	5%	6%	3%			
Average Dehumid. Runtime Fraction (-)	0.18	0.18	0.18	0.19	0.25			
Hours with Fan-only (No cool or denumid) (%)	/%	/%	10%	10%	3%			
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.27	0.27			
Oct	/6.2	76.2	76.1	75.9	/5.8			
Total Hours (%)	100%	97%	70%	28%	2%			
Hours With Any Cooling (%)	71%	72%	73%	70%	67%			
Avg. Cooling Runtime Fraction (-)	0.37	0.37	0.35	0.34	0.25			
Hours with Any Dehumid. (%)	0%	0%	1%	0%	0%			
Average Dehumid. Runtime Fraction (-)	0.18	0.18	0.18					
Hours with Fan-only (No cool or dehumid) (%)	28%	28%	26%	30%	33%			
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.27	0.27			
Average Temperature (F)	75.8	75.8	75.8	76.0	76.0			
Nov	-				1			
I otal Hours (%)								
Hours With Any Cooling (%)	-							
Avg. Cooling Runtime Fraction (-)								
Hours with Any Denumid. (%)								
Average Denumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or denumid) (%)								
Average Fan-Only Runtime Flaction (-)								
Average Temperature (F)								
Total Houre (%)								
Hours With Any Cooling (%)								
Ava Cooling Runtime Fraction (-)								
Hours with Any Debumid (%)								
Average Debumid Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)								
Table 26. Site 7 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Total Hours (%)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Month Jan

Feb

Mar

Apr

May

Jun

	Relative Humidity Threshold				2002	Relative Humidity Threshold					
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
1001		=0/			Jul						
40%	14%	5%	0%	0%	I otal Hours (%)	3%	0%	0%	0%	0%	
23%	45%	50%	0%		Ava Cooling Puntime Fraction (-)	95%					
0.36	1%	0.22	0%		Hours with Any Debumid (%)	0.83					
0.17	0.17	078	078		Average Debumid, Runtime Fraction (-)	078					
75%	55%	50%	100%		Hours with Ean-only (No cool or debumid) (%)	5%					
0.29	0.28	0.28	0.27		Average Fan-Only Runtime Fraction (-)	0.27					
73.1	74.2	75.2	76.8		Average Temperature (F)	74.7					
					Aug			1	I		
15%	3%	0%	0%	0%	Total Hours (%)	79%	21%	1%	0%	0%	
20%	30%	0%			Hours With Any Cooling (%)	97%	96%	100%			
0.22	0.24				Avg. Cooling Runtime Fraction (-)	0.58	0.42	0.32			
0%	0%	0%			Hours with Any Dehumid. (%)	0%	0%	0%			
					Average Dehumid. Runtime Fraction (-)	0.00					
80%	70%	100%			Hours with Fan-only (No cool or dehumid) (%)	3%	4%	0%			
0.29	0.29	0.31			Average Fan-Only Runtime Fraction (-)	0.28	0.28				
73.3	73.8	73.5			Average Temperature (F)	74.7	74.6	74.8			
500/	000/	50/	00/	00/	Sep	1000/	0.40/	0.49/	001	00/	
50%	26%	5%	0%	0%	I otal Hours (%)	100%	84%	34%	2%	0%	
44%	56%	54%			Hours with Any Cooling (%)	92%	91%	8/%	93%		
0.33	0.25	0.17			Avg. Cooling Runtime Fraction (-)	0.43	0.39	0.35	0.27		
0%	0%	0%			Average Debumid, Runtime Fraction (-)	5% 0.18	0%	0.19	0.25		
56%	44%	46%			Hours with Ean-only (No cool or debumid) (%)	7%	0.10	13%	7%		
0.29	0.28	0.28			Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.27		
74 1	74.4	74.8			Average Temperature (F)	74.5	74.6	74.6	74.8		
		1 110			Oct	1 110	1 110	1 110	1 110		
51%	14%	0%	0%	0%	Total Hours (%)	99%	84%	38%	2%	0%	
61%	35%				Hours With Any Cooling (%)	72%	75%	67%	73%		
0.37	0.17				Avg. Cooling Runtime Fraction (-)	0.37	0.36	0.29	0.35		
0%	0%				Hours with Any Dehumid. (%)	0%	1%	1%	0%		
					Average Dehumid. Runtime Fraction (-)	0.18	0.18	0.11			
34%	61%				Hours with Fan-only (No cool or dehumid) (%)	28%	25%	32%	27%		
0.28	0.28				Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.27	0.27		
74.4	74.3				Average Temperature (F)	73.9	74.1	74.1	74.6		
2004	40/	00/	00/	00/							
29% 710/	1% 670/	0%	0%	0%	Lours With Any Cooling (%)						
0.35	07%				Avg. Cooling Runtime Fraction (-)						
0.00	0.22				Hours with Any Debumid (%)						
070	070				Average Dehumid, Runtime Fraction (-)						
29%	33%				Hours with Ean-only (No cool or dehumid) (%)						
0.28	0.27				Average Fan-Only Runtime Fraction (-)						
75.6	75.5				Average Temperature (F)						
					Dec						
14%	1%	0%	0%	0%	Total Hours (%)						
98%	100%	-			Hours With Any Cooling (%)		-				
0.59	0.54				Avg. Cooling Runtime Fraction (-)						
0%	0%				Hours with Any Dehumid. (%)						
					Average Dehumid. Runtime Fraction (-)						
2%	0%				Hours with Fan-only (No cool or dehumid) (%)						
0.27	74.0				Average Fan-Only Runtime Fraction (-)						
74.9	74.8				Average Temperature (F)						

Average Temperature (F)	74.9	74.8		
Note: Average Runtime Fractions only include per	iods where the	e runtime is g	reater than ze	ero.

2001		Relative	Humidity Tl	nreshold		2001		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
		•			·		1		•		•
Jan						Jul					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Feb		r.	T.			Aug					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Mar						Sep					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)	,				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	,				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Apr				1	·	Oct	1		1		1
Total Hours (%)						Total Hours (%)	48%	15%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)						Hours with Any Dehumid (%)					
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)					
Average Temperature (F)	-					Average Temperature (F)	74 7	75.3	73.8		
May			1	I		Nov		10.0	10.0	L	
Total Hours (%)						Total Hours (%)	74%	23%	1%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	1470	2070	170	070	070
Ava Cooling Runtime Fraction (-)						Ava Cooling Runtime Fraction (-)					
Hours with Any Debumid (%)						Hours with Any Debumid (%)					
Average Debumid, Puntime Fraction (-)						Average Debumid, Puntime Fraction (-)					
Hours with Ean-only (No cool or debumid) (%)						Hours with Ean-only (No cool or debumid) (%)					
Average Ean-Only Runtime Eraction (-)						Average Ean-Only Puntime Fraction (-)					
Average 1 an-Only Runtime Fraction (-)						Average Fait-Only Runtime Flaction (-)	76.2	76.4	75.0		
Average remperature (r)					· · · · · · · · · · · · · · · · · · ·	Dee	70.2	70.4	75.5	L	
Total Hours (%)		1	T			Total Hours (%)	2.40/	20%	20/	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	34%	20%	2 70	078	076
Ava Cooling Puntime Fraction ()						Ava Cooling Pupting Frontian ()	J			<u> </u>	
Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runtime Fraction (-)	J			<u> </u>	
Average Debumid Duptime Fraction ()						HOURS WITH ANY DENUMIC. (%)	J	1		+	
Average Denumia. Kuntime Fraction (-)						Average Denumia. Runtime Fraction (-)		1			
nours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool or denumid) (%)	J			+	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)			70 -		
Average Temperature (F)			1	1		Average Temperature (F)	/5.0	/5.3	/6.7	1	1

Table 27. Site 8 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001	Relative Humidity Threshold			hreshold		2001		Relative	reshold		
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan Total Hours (%)				1		Jul Total Hours (%)					1
Hours With Any Cooling (%						Hours With Any Cooling (%)	-				
Avg. Cooling Puntime Eraction (-	<					Avg. Cooling Puptime Eraction (-)	-				-
Hours with Any Debumid (%	(Hours with Any Deburgid (%)	-				-
Average Debumid Runtime Fraction (-	(Average Debumid Runtime Fraction (-)					-
Hours with Ean-only (No cool or dehumid) (%	(Hours with Eap-only (No cool or dehumid) (%)					-
Average Ean-Only Runtime Fraction (-	(Average Ean-Only Runtime Fraction (-)	-				-
											-
Feb	/									L	
Total Hours (%)				1		Total Hours (%)	-				1
Hours With Any Cooling (%	<u></u>					Hours With Any Cooling (%)					-
Avg. Cooling Runtime Fraction (-	5					Avg. Cooling Runtime Fraction (-)	-				-
Hours with Any Dehumid (%	5					Hours with Any Dehumid (%)					-
Average Dehumid Runtime Fraction (-	<u> </u>					Average Dehumid Runtime Fraction (-)	-				-
Hours with Ean-only (No cool or dehumid) (%	5					Hours with Ean-only (No cool or dehumid) (%)					-
Average Ean-Only Runtime Fraction (-	<u> </u>					Average Ean-Only Runtime Fraction (-)	-				-
Average Temperature (F						Average Temperature (F)	-				-
Mar	, 					Sen	1			L	
Total Hours (%)						Total Hours (%)					1
Hours With Any Cooling (%	<u></u>					Hours With Any Cooling (%)					-
Avg. Cooling Runtime Fraction (-	5					Avg. Cooling Runtime Fraction (-)	-				-
Hours with Any Dehumid (%	5					Hours with Any Dehumid (%)					-
Average Debumid Runtime Fraction (-	<u></u>					Average Debumid Runtime Fraction (-)					-
Hours with Ean-only (No cool or dehumid) (%	(Hours with Eap-only (No cool or dehumid) (%)					-
Average Ean-Only Runtime Fraction (-	(Average Ean-Only Runtime Fraction (-)	-				-
											-
Anr	, 					Oct	1			L	
Total Hours (%)				1		Total Hours (%)	41%	9%	0%	0%	09
Hours With Any Cooling (%	<u></u>					Hours With Any Cooling (%)	4170	070	070	070	
Avg. Cooling Runtime Fraction (-	5					Avg. Cooling Runtime Fraction (-)	-				-
Hours with Any Dehumid (%	5					Hours with Any Dehumid (%)					-
Average Debumid, Runtime Fraction (-	(Average Debumid Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%	5					Hours with Ean-only (No cool or dehumid) (%)	-				-
Average Ean-Only Runtime Fraction (-	(Average Ean-Only Runtime Fraction (-)					
Average Temperature (F						Average Temperature (F)	74 0	74.3			-
May					-	Nov	1	1 1.0	I		1
Total Hours (%)						Total Hours (%)	71%	13%	0%	0%	09
Hours With Any Cooling (%	<u>.</u>					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-	5					Avg. Cooling Runtime Fraction (-)					-
Hours with Any Dehumid (%	Ś					Hours with Any Dehumid (%)					-
Average Dehumid, Runtime Fraction (-	5					Average Dehumid Runtime Fraction (-)					-
Hours with Ean-only (No cool or dehumid) (%	Ś					Hours with Fan-only (No cool or dehumid) (%)					-
Average Fan-Only Runtime Fraction (-	5					Average Fan-Only Runtime Fraction (-)					-
Average Temperature (F	(Average Temperature (F)	75.6	76.0			-
Jun					-	Dec	10.0	10.0	I		1
Total Hours (%)						Total Hours (%)	32%	19%	1%	0%	09
Hours With Any Cooling (%)	5					Hours With Any Cooling (%)	0270	1070	. 70	070	
Ava, Cooling Runtime Fraction (-					<u> </u>	Avg. Cooling Runtime Fraction (-)				<u> </u>	1
Hours with Any Dehumid (%	5			1	<u> </u>]	Hours with Any Dehumid (%)				1	1
Average Dehumid Runtime Fraction (-	(<u> </u>				+	Average Dehumid Runtime Fraction (-)				<u> </u>	+
Hours with Fan-only (No cool or dehumid) (%					+	Hours with Ean-only (No cool or debumid) (%)				<u> </u>	+
Average Fan-Only Runtime Fraction (-	(<u> </u>				<u> </u>	Average Fan-Only Runtime Fraction (-)				<u> </u>	+
Average Temperature (F	(<u> </u>				<u> </u>	Average Temperature (F)	74.6	74 0	77.6	<u> </u>	+
Average Temperature (I	<u>'</u>	1	1	1	1		14.0	17.3	11.0	1	1

Table 28. Site 8 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 29. Site 8 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002

Total Hours (%)

Total Hours (%)

Total Hours (%)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Hours with Fan-only (No cool or dehumid) (%)

Month Jan

Feb

Mar

	Relative	Humidity Th	reshold		2002		Relative	Humidity Th	reshold	
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
170/	40/	00/	09/	09/	Jul	0.00/	0.00/	690/	10/	00/
17%	4%	0%	0%	0%	I otal Hours (%)	98%	92%	68%	1%	0%
20%	0.20				Ava Cooling Runtime Eraction (-)	90%	90%	90%	0.07	
60%	0.20				Hours with Any Debumid (%)	0.43	0.42	0.40	0.07	
1.00	1 00				Average Debumid Runtime Fraction (-)	0.89	078	078	078	
1.00	0%				Hours with Ean-only (No cool or debumid) (%)	0.05	4%	4%	13%	
070	070				Average Ean-Only Runtime Fraction (-)	0.29	0.29	0.29	0.27	
77 4	78.2					79.5	79.5	79.7	78.7	
11.4	70.2				Aug	15.5	10.0	15.1	70.7	
0%	0%	0%	0%	0%	Total Hours (%)	23%	0%	0%	0%	0%
0%	0,0	0,0	0,0	0,0	Hours With Any Cooling (%)	100%	0,0	0,0	070	0,0
070					Avg. Cooling Runtime Fraction (-)	0.73				
100%					Hours with Any Dehumid (%)	100%				
1 00					Average Dehumid, Runtime Fraction (-)	1 00				
0%					Hours with Ean-only (No cool or dehumid) (%)	0%				
070					Average Ean-Only Runtime Fraction (-)	070				
76.9					Average Temperature (F)	80.4				
10.0					Sep	00.4				
25%	5%	0%	0%	0%	Total Hours (%)	25%	0%	0%	0%	0%
51%	39%	0,0	070	070	Hours With Any Cooling (%)	92%	100%	070	070	070
0.23	0.15				Avg. Cooling Runtime Fraction (-)	0.49	0.20			
100%	100%				Hours with Any Debumid (%)	100%	100%			
1 00	1.00				Average Debumid, Runtime Fraction (-)	1 00	1 00			
0%	0%				Hours with Ean-only (No cool or debumid) (%)	0%	0%			
070	070				Average Fan-Only Runtime Fraction (-)	070	070			
78.3	78.9				Average Temperature (F)	80.3	81.5			
10.0	10.0				Oct	00.0	01.0			
88%	69%	8%	0%	0%	Total Hours (%)	15%	0%	0%	0%	0%
61%	71%	84%			Hours With Any Cooling (%)	92%				
0.31	0.31	0.14			Avg. Cooling Runtime Fraction (-)	0.49				
96%	95%	93%			Hours with Any Dehumid. (%)	100%				
1.00	1.00	1.00			Average Dehumid, Runtime Fraction (-)	1.00				
0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)	0%				
					Average Fan-Only Runtime Fraction (-)					
78.9	79.2	79.1			Average Temperature (F)	80.3				
					Nov				1	
88%	71%	22%	0%	0%	Total Hours (%)					
75%	75%	68%			Hours With Any Cooling (%)					
0.37	0.36	0.30			Avg. Cooling Runtime Fraction (-)					
73%	66%	23%			Hours with Any Dehumid. (%)					
1.00	1.00	1.00			Average Dehumid. Runtime Fraction (-)					
8%	10%	20%			Hours with Fan-only (No cool or dehumid) (%)					
0.29	0.29	0.29			Average Fan-Only Runtime Fraction (-)					
79.6	79.8	79.9			Average Temperature (F)					
			1		Dec					
100%	99%	69%	10%	0%	Total Hours (%)					
88%	87%	85%	89%		Hours With Any Cooling (%)					
0.36	0.36	0.34	0.29		Avg. Cooling Runtime Fraction (-)					
0%	0%	0%	0%		Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
13%	13%	15%	11%		Hours with Fan-only (No cool or dehumid) (%)					
0.28	0.28	0.28	0.28		Average Fan-Only Runtime Fraction (-)					
79.8	79.8	79.9	79.1		Average Temperature (F)					
	1 2.2						1	0		

Hours With Any Cooling (%)	51%	39%			
Avg. Cooling Runtime Fraction (-)	0.23	0.15			
Hours with Any Dehumid. (%)	100%	100%			
Average Dehumid. Runtime Fraction (-)	1.00	1.00			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	78.3	78.9			
Apr					
Total Hours (%)	88%	69%	8%	0%	
Hours With Any Cooling (%)	61%	71%	84%		
Avg. Cooling Runtime Fraction (-)	0.31	0.31	0.14		
Hours with Any Dehumid. (%)	96%	95%	93%		
Average Dehumid. Runtime Fraction (-)	1.00	1.00	1.00		
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	78.9	79.2	79.1		
Мау					
Total Hours (%)	88%	71%	22%	0%	
Hours With Any Cooling (%)	75%	75%	68%		
Avg. Cooling Runtime Fraction (-)	0.37	0.36	0.30		
Hours with Any Dehumid. (%)	73%	66%	23%		
Average Dehumid. Runtime Fraction (-)	1.00	1.00	1.00		
Hours with Fan-only (No cool or dehumid) (%)	8%	10%	20%		
Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.29		
Average Temperature (F)	79.6	79.8	79.9		
Jun					
Total Hours (%)	100%	99%	69%	10%	
Hours With Any Cooling (%)	88%	87%	85%	89%	
Avg. Cooling Runtime Fraction (-)	0.36	0.36	0.34	0.29	
Hours with Any Dehumid. (%)	0%	0%	0%	0%	
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	13%	13%	15%	11%	
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28	
Average Temperature (F)	79.8	79.8	79.9	79.1	

Month Jan

Feb

Mar

Apr

May

Jun

2002		Relative	e Humidity Th	reshold		2002		Relative	Humidity Th	reshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
n T () () () () () () () () () (100/	00/	00/	00/	00/	Jul	070/	000/	000/	10/	00/
I otal Hours (%)	13%	3%	0%	0%	0%	I otal Hours (%)	97%	92%	30%	1%	0%
Ava Cooling Runtime Fraction (-)	24%	0%				Avg. Cooling Ruptime Fraction (-)	96%	90%	94%	15%	
Hours with Any Dehumid (%)	77%	100%				Hours with Any Debumid (%)	1%	0.42	0.04	0.05	
Average Dehumid. Runtime Fraction (-)	1.00	1.00				Average Dehumid, Runtime Fraction (-)	0.87	070	070	070	
Hours with Fan-only (No cool or dehumid) (%)	0%	0%				Hours with Fan-only (No cool or dehumid) (%)	4%	4%	6%	25%	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.29	0.27	
Average Temperature (F)	77.2	78.1				Average Temperature (F)	78.6	78.6	78.6	78.3	
b	1					Aug			rr		
Total Hours (%)	0%	0%	0%	0%	0%	Total Hours (%)	2%	0%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	100%				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.68				
Average Debumid Runtime Fraction (-)						Average Debumid, Runtime Fraction (-)	1.00%				
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or debumid) (%)	0%				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	070				
Average Temperature (F)						Average Temperature (F)	77.8				
ar contraction of the second s						Sep	-				
Total Hours (%)	16%	3%	0%	0%	0%	Total Hours (%)	10%	0%	0%	0%	0%
Hours With Any Cooling (%)	49%	48%				Hours With Any Cooling (%)	93%	100%			
Avg. Cooling Runtime Fraction (-)	0.21	0.11				Avg. Cooling Runtime Fraction (-)	0.41	0.20			
Hours with Any Dehumid. (%)	100%	100%				Hours with Any Dehumid. (%)	100%	100%			
Average Dehumid. Runtime Fraction (-)	e Fraction (-) 1.00 1.00 Average Dehumid. Runtime Fraction		0.99	1.00							
Hours with Fan-only (No cool or denumid) (%)	0%	0%				Hours with Fan-only (No cool of denumid) (%)	0%	0%			
Average Fait-Only Runnine Flaction (-)	77 9	78.3				Average Fair-Only Runtime Flaction (-)	79.2	80.1			
Average remperature (r)	11.5	70.5				Oct	15.2	00.1			
Total Hours (%)	86%	59%	3%	0%	0%	Total Hours (%)	1%	0%	0%	0%	0%
Hours With Any Cooling (%)	62%	75%	84%			Hours With Any Cooling (%)	86%				
Avg. Cooling Runtime Fraction (-)	0.31	0.29	0.11			Avg. Cooling Runtime Fraction (-)	0.37				
Hours with Any Dehumid. (%)	96%	94%	88%			Hours with Any Dehumid. (%)	100%				
Average Dehumid. Runtime Fraction (-)	1.00	1.00	1.00			Average Dehumid. Runtime Fraction (-)	1.00				
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)	0%				
Average Fan-Only Runtime Fraction (-)	70.4	70 5	70 7			Average Fan-Only Runtime Fraction (-)	70.4				
Average Temperature (F)	70.1	70.0	70.7			Average remperature (r)	70.4				
Total Hours (%)	84%	65%	7%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	75%	73%	45%	0,0	0,0	Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.37	0.34	0.18			Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	71%	63%	15%			Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	1.00	1.00	1.00			Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	8%	11%	47%			Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.29			Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	78.8	78.9	79.0			Average Temperature (F)					
n Tatal Haura (%)	100%	069/	470/	E0/	09/	Dec					
Hours With Apy Cooling (%)	100%	90%	47%	0%C	0%	Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	00%	07%	00%	00%		Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)	0%	0.05	0%	0.20		Hours with Any Dehumid (%)					
Average Dehumid. Runtime Fraction (-)	570	570	070	570		Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	13%	13%	20%	14%		Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.29	0.28		Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	78.9	78.9	78.8	78.3		Average Temperature (F)				-	
to: Average Buntime Erections only include per	iada whara tha	runtimo io o	reator than 70	vro							

Note: Average Run nclude periods where the runtime is greater than Fractions only i

2001		Relative	Humidity TI	nreshold		2001		Relative	Humidity TI	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Feb						Aug					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				'	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Mar						Sep					
Total Hours (%)						Total Hours (%)				· · · · · · · · · · · · · · · · · · ·	
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Apr				I	1	Oct		I			
Total Hours (%)						Total Hours (%)	98%	66%	10%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	52%	61%	64%	0%	
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.33	0.32	0.26		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	0%	0%	0%	0%	
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	48%	38%	36%	100%	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.29	0.38	
Average Temperature (F)						Average Temperature (F)	73.0	73.6	74.6	75.2	
May				I	1	Nov					
Total Hours (%)						Total Hours (%)	93%	75%	30%	1%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	28%	29%	19%	33%	
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.32	0.27	0.18	0.12	
Hours with Any Dehumid (%)	-					Hours with Any Dehumid (%)	0%	0%	0%	0%	
Average Dehumid Runtime Fraction (-)						Average Dehumid Runtime Fraction (-)	0,0	070	070	070	
Hours with Ean-only (No cool or dehumid) (%)	-					Hours with Ean-only (No cool or debumid) (%)	72%	71%	81%	67%	
Average Ean-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)	0.32	0.33	0.34	0.27	
Average Temperature (F)	-					Average Temperature (F)	74.2	74.8	75.6	76.2	
Jun						Dec	14.2	14.0	10.0	70.2	
Total Hours (%)						Total Hours (%)	85%	63%	35%	12%	1%
Hours With Any Cooling (%)	-				<u> </u>	Hours With Any Cooling (%)	Q%	12%	18%	16%	0%
Ava Cooling Runtime Fraction (-)	-				<u> </u>	Avg. Cooling Runtime Fraction (-)	970 AS 0	0.37	0.07	0.14	578
Hours with Any Debugid (9)	-				<u> </u>	Hours with Any Debugid (9)	0.50	0.07	0.27	0.14	00/
Average Debumid Puntime Fraction ()					<u> </u>	Average Debumid Puptime Fraction ()	078	078	078	5%	0%
Hours with Ean-only (No cool or dobumid) (%)					<u> </u>	Hours with Eap-only (No cool or dobumid) (%)	010/	g00/	820/	Q.40/	100%
Average Fan-Only Puntime Fraction (1)					<u> </u>	Average Fan-Only Puntime Fraction (1)	0.07	00%	02%	04%	00%
Average Tan-Only Kuntume Flaction (*)					<u> </u>	Average Tan-Only Nummer Fidelion (*)	71.0	71 5	72 0	0.27	7/ 7
Average remperature (F)	1	1	1	1		Average remperature (F)	71.0	C. L I	12.0	13.1	14.1

Table 31. Site 9 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative	Humidity Th	reshold		2001	 	Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Feb						Aug					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)			, I		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Mar						Sep	·				
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)			1		
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)			1		
Apr						Oct					
Total Hours (%)						Total Hours (%)	96%	50%	4%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	52%	63%	40%		- , -
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.32	0.31	0.25		
Hours with Any Dehumid (%)						Hours with Any Dehumid (%)	0%	0%	0%		
Average Debumid Runtime Fraction (-)						Average Dehumid Runtime Fraction (-)	070	070			
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or debumid) (%)	48%	36%	60%		
Average Ean-Only Runtime Eraction (-)						Average Ean-Only Runtime Fraction (-)	0.29	0.29	0.29		
Average Temperature (F)						Average Temperature (F)	72.6	73.1	74.3		
May						Nov	72.0	10.1	14.0		
Total Hours (%)						Total Hours (%)	91%	69%	20%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	28%	28%	16%	070	070
Avg. Cooling Runtime Fraction (-)						Ava Cooling Runtime Fraction (-)	0.32	0.25	0.16		
Hours with Any Debumid (%)						Hours with Any Debumid (%)	0.52	0.23	0.10		
Average Debumid Runtime Fraction (-)						Average Debumid Runtime Fraction (-)	070	070	0.0		
Hours with Eap-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or debumid) (%)	72%	72%	84%		
Average Ean-Only Puntime Eraction (-)						Average Ean-Only Puntime Eraction (-)	0.32	0.33	0.33		
Average Tan-Only Numine Traction (-)						Average Tan-Only Runtime Taction (-)	73.0	74.5	75.5		
						Average remperature (r)	73.5	74.5	75.5		
Total Hours (%)						Total Hours (%)	0.20/	E10/	200/	00/	10/
Hours With Any Cooling (%)						Hours With Any Cooling (%)	02 %	J1%	20%	0 /0	1 76
Ava Cooling Ruptime Fraction ()						Ava Cooling Runtime Fraction ()	10%	10%	10%	10%	0%
Avg. Cooling Runtime Fraction (-)					<u> </u>	Avg. Cooling Runume Fraction (-)	0.36	0.37	0.21	0.11	001
Hours with Any Dehumid. (%)				1		Hours with Any Denumid. (%)	0%	0%		0%	0%
Average Denumic. Runtime Fraction (-)				1		Average Denumid. Runtime Fraction (-)	0001	0504	000/	000/	4000/
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	90%	85%	82%	82%	100%
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.27	0.27	0.27	0.27	0.27
Average Temperature (F)			Average Temperature (F)	/0.6	/1.4	72.5	73.3	74.5			

Table 32. Site 9 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 33. Site 9 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

13%

39%

0.31

84%

0.31

3%

0.78

74.7

13%

0%

70%

0.21

26%

0.36

72.7

59%

24%

0.33

76%

0.18

23%

0.34

73.9

22%

32%

0.32

66%

0.28

19%

0.40

75.0

32%

1%

0.27 33%

0.19

63%

0.36

71.7

75%

20%

0.34

61%

0.18

37%

0.34

73.5

Relative Humidity Threshold
Above 50% Above 55% Above 60% Above 65% Above 70%

6%

36%

0.23

93%

0.33

0%

74.4

2%

0%

100%

0.30

0%

74.6

35%

27%

0.24

96%

0.20

3%

0.33

74.7

1%

0%

100%

0.34

0%

75.2

0%

10%

19%

0.08

100%

0.23

0%

75.6

0%

0%

0%

2002

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Month Jan

Feb

Mar

Apr

2002		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
Total Hours (%)	88%	14%	0%	0%	0%
Hours With Any Cooling (%)	99%	97%	100%		
Avg. Cooling Runtime Fraction (-)	0.51	0.38	0.53		
Hours with Any Dehumid. (%)	100%	100%	100%		
Average Dehumid. Runtime Fraction (-)	0.69	0.70	0.53		
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	77.3	77.2	78.0		
Aug	750/	00/	00/	00/	001
I otal Hours (%)	/5%	3%	0%	0%	0%
Hours With Any Cooling (%)	100%	100%	100%	100%	100%
Avg. Cooling Runtime Fraction (-)	0.48	0.46	0.74	0.47	0.47
Hours with Any Denumid. (%)	100%	100%	100%	100%	100%
Average Denumid. Runtime Fraction (-)	0.88	0.90	0.60	0.54	0.54
Hours with Fan-only (No cool of denumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)	70.0	70.0	70.1	79.0	79.0
Average Temperature (F)	10.2	70.0	79.1	78.0	78.0
Total Hours (%)	65%	4%	0%	0%	0%
Hours With Any Cooling (%)	98%	100%	100%	100%	070
Avg. Cooling Runtime Fraction (-)	0.37	0.42	0.45	0.38	
Hours with Any Debumid (%)	100%	100%	100%	100%	
Average Dehumid Runtime Fraction (-)	1 00	1 00	1 00	1 00	
Hours with Ean-only (No cool or dehumid) (%)	0%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-)	070	0,0	0,0	0,0	
Average Temperature (F)	78.8	79.0	78.5	79.4	
Oct					
Total Hours (%)	39%	2%	0%	0%	0%
Hours With Any Cooling (%)	81%	100%	100%		
Avg. Cooling Runtime Fraction (-)	0.36	0.51	0.51		
Hours with Any Dehumid. (%)	100%	100%	100%		
Average Dehumid. Runtime Fraction (-)	0.99	0.95	1.00		
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	80.0	80.6	82.2		
Nov		I.	1	1	1
Total Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
Dec Total Hours (%)		1			
Hours With Apy Cooling (%)					
Ava Cooling Runtime Fraction ()					
Hours with Any Dobumid (%)					
Average Debumid Runtime Fraction ()					
Hours with Eap-oply (No cool or dobumid) (%)					
Average Ean-Only Runtime Fraction (-)					
Average Tan-Only Nulturne Flaction (-)					
Average remperature (F)	1	1	1	1	1

Total Hours (%)	100%	93%	74%	26%	2%
Hours With Any Cooling (%)	51%	52%	48%	20%	12%
Avg. Cooling Runtime Fraction (-)	0.41	0.41	0.33	0.15	0.12
Hours with Any Dehumid. (%)	69%	74%	80%	89%	100%
Average Dehumid. Runtime Fraction (-)	0.15	0.15	0.16	0.17	0.23
Hours with Fan-only (No cool or dehumid) (%)	13%	9%	6%	6%	0%
Average Fan-Only Runtime Fraction (-)	0.35	0.37	0.40	0.52	
Average Temperature (F)	75.1	75.3	75.7	76.6	76.3
Мау					
Total Hours (%)	88%	52%	24%	9%	1%
Hours With Any Cooling (%)	66%	65%	63%	24%	10%
Avg. Cooling Runtime Fraction (-)	0.47	0.54	0.46	0.20	0.01
Hours with Any Dehumid. (%)	65%	44%	54%	79%	100%
Average Dehumid. Runtime Fraction (-)	0.55	0.33	0.12	0.13	0.19
Hours with Fan-only (No cool or dehumid) (%)	6%	8%	7%	12%	0%
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.32	0.33	
Average Temperature (F)	76.7	76.1	76.3	76.2	75.5
Jun					
Total Hours (%)	76%	7%	1%	0%	0%
Hours With Any Cooling (%)	95%	90%	100%		
Avg. Cooling Runtime Fraction (-)	0.48	0.43	0.43		
Hours with Any Dehumid. (%)	100%	100%	100%		
Average Dehumid. Runtime Fraction (-)	0.67	0.59	0.54		
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	77.2	77.3	77.1		
Note: Average Runtime Fractions only include per	iods where the	e runtime is g	reater than ze	ero.	

Table 34. Site 9 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
Jul									
Total Hours (%)	78%	7%	0%	0%	0%				
Hours With Any Cooling (%)	99%	100%							
Avg. Cooling Runtime Fraction (-)	0.50	0.34							
Hours with Any Dehumid. (%)	100%	100%							
Average Dehumid. Runtime Fraction (-)	0.69	0.74							
Hours with Fan-only (No cool or dehumid) (%)	0%	0%							
Average Fan-Only Runtime Fraction (-)									
Average Temperature (F)	76.7	76.5							
Aug									
Total Hours (%)	61%	1%	0%	0%	0%				
Hours With Any Cooling (%)	100%	100%	100%		<u> </u>				
Avg. Cooling Runtime Fraction (-)	0.49	0.76	0.47						
Hours with Any Dehumid. (%)	100%	100%	100%		<u> </u>				
Average Dehumid. Runtime Fraction (-)	0.88	0.74	0.54						
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%						
Average Fan-Only Runtime Fraction (-)		70.0			l				
Average Temperature (F)	//.4	79.3	77.8		L				
Sep	440/	00/	00/	00/	00/				
Hours With Any Cooling (%)	41%	100%	0%	0%	0%				
Hours With Any Cooling (%)	98%	100%							
Avg. Cooling Runtime Fraction (-)	0.36	100%							
Average Debumid, Buptime Fraction ()	100%	100%							
Hours with Ean only (No cool or dobumid) (%)	1.00	1.00							
Average Eap-Only Ruptime Eraction (-)	076	0%			l				
Average Temperature (E)	78.0	78.1							
Oct	70.0	70.1							
Total Hours (%)	29%	0%	0%	0%	0%				
Hours With Any Cooling (%)	77%	100%							
Avg. Cooling Runtime Fraction (-)	0.38	0.51							
Hours with Any Dehumid. (%)	100%	100%							
Average Dehumid, Runtime Fraction (-)	0.99	1.00							
Hours with Fan-only (No cool or dehumid) (%)	0%	0%							
Average Fan-Only Runtime Fraction (-)									
Average Temperature (F)	79.1	81.0							
Nov		•							
Total Hours (%)									
Hours With Any Cooling (%)									
Avg. Cooling Runtime Fraction (-)									
Hours with Any Dehumid. (%)									
Average Dehumid. Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)									
Average Fan-Only Runtime Fraction (-)									
Average Temperature (F)									
Dec									
Total Hours (%)									
Hours With Any Cooling (%)									
Avg. Cooling Runtime Fraction (-)									
Hours with Any Dehumid. (%)									
Average Dehumid. Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)									
Average Fan-Only Runtime Fraction (-)									
Average Temperature (F)									

2002	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
lan								
Jan Total Hours (%)	18%	12%	1%	0%	0%			
Hours With Any Cooling (%)	35%	35%	27%	0%	070			
Avg. Cooling Runtime Fraction (-)	0.31	0.29	0.18	070				
Hours with Any Dehumid. (%)	76%	89%	100%	100%				
Average Dehumid. Runtime Fraction (-)	0.28	0.31	0.34	0.35				
Hours with Fan-only (No cool or dehumid) (%)	9%	2%	0%	0%				
Average Fan-Only Runtime Fraction (-)	0.53	0.67						
Average Temperature (F)	74.3	74.2	73.9	75.6				
Feb								
Total Hours (%)	22%	8%	0%	0%	0%			
Hours With Any Cooling (%)	1%	0%	0%					
Avg. Cooling Runtime Fraction (-)	0.14							
Hours with Any Dehumid. (%)	46%	85%	100%					
Average Dehumid. Runtime Fraction (-)	0.19	0.22	0.30					
Hours with Fan-only (No cool or dehumid) (%)	51%	13%	0%					
Average Fan-Only Runtime Fraction (-)	0.40	0.33						
Average Temperature (F)	71.6	72.9	74.5					
mar Tatal Llaura (0()	700/	500/	050/	40/	00/			
I otal Hours (%)	73%	52%	25%	4%	0%			
Hours with Any Cooling (%)	20%	26%	28%	0.15				
Avg. Cooling Runtime Fraction (-)	0.33	0.31	0.19	0.15				
Average Debumid, Puntime Fraction (-)	0.18	02%	99%	100%				
Hours with Ean-only (No cool or debumid) (%)	35%	17%	1%	0.23				
Average Ean-Only Runtime Fraction (-)	0.33	0.33	0.33	078				
Average Temperature (F)	73.0	73.6	74.5	75.7				
Apr	10.0	70.0	14.0	10.1	I			
Total Hours (%)	100%	91%	64%	18%	0%			
Hours With Any Cooling (%)	50%	53%	46%	18%	33%			
Avg. Cooling Runtime Fraction (-)	0.41	0.41	0.28	0.11	0.11			
Hours with Any Dehumid. (%)	69%	76%	83%	88%	100%			
Average Dehumid. Runtime Fraction (-)	0.15	0.15	0.17	0.18	0.20			
Hours with Fan-only (No cool or dehumid) (%)	14%	7%	5%	8%	0%			
Average Fan-Only Runtime Fraction (-)	0.35	0.37	0.42	0.53				
Average Temperature (F)	74.6	74.9	75.4	76.4	77.3			
Мау		1	1	I.	I.			
Total Hours (%)	83%	44%	19%	7%	1%			
Hours With Any Cooling (%)	65%	71%	55%	20%	0%			
Avg. Cooling Runtime Fraction (-)	0.47	0.53	0.41	0.15				
Hours with Any Dehumid. (%)	63%	40%	61%	80%	100%			
Average Denumid. Runtime Fraction (-)	0.54	0.22	0.11	0.14	0.21			
Hours with Fan-only (No cool or denumid) (%)	6%	6%	8%	14%	0%			
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.32	0.33	75 1			
Average Temperature (F)	70.2	75.5	75.0	70.1	75.1			
Total Hours (%)	62%	3%	በ%	0%	∩%			
Hours With Any Cooling (%)	95%	92%	070	078	570			
Avg. Cooling Runtime Fraction (-)	0.48	0.48						
Hours with Any Dehumid (%)	100%	100%						
Average Dehumid, Runtime Fraction (-)	0.66	0.55						
Hours with Fan-only (No cool or dehumid) (%)	0%	0%						
Average Fan-Only Runtime Fraction (-)	270	270						
Average Temperature (F)	76.8	77.0						

tenm Names 2014 Abores 2014 <t< th=""><th>2001</th><th></th><th>Relative Humidity T</th><th>hreshold</th><th></th><th>2001</th><th></th><th>Relative</th><th>Humidity TI</th><th>hreshold</th><th></th></t<>	2001		Relative Humidity T	hreshold		2001		Relative	Humidity TI	hreshold	
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Arg. Coding Rumine Fraction (-) Arg. Coding Ru	I otal Hours (%)	2				I otal Hours (%	(
Marcage Defaund. Burdle Patients (b) Image: Control of Control Control of Control of Control of Control of Control of Control of Control Control of Control Control of Control of Control of Control Control Control of Control of Control of Control Control of	Hours With Any Cooling (%)	2				Hours with Any Cooling (%	(
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Hear with Fight Man und use stands (from the function of the function function function of the function functin function function function function functin function functin fun	Average Debumid, Buntime Fraction (7)	2				Average Debumid Buptime Freetien ((
Problem (Problem) (Prob	Average Denumid. Runume Fraction (-)	2				Average Denumid. Runtime Fraction (-	(
Average Transform	Hours with Fan-only (No cool of denumid) (%)	2				Hours with Fan-only (No cool or denumid) (%	(
Average Temperature (1) Average Temperature (1) Average Temperature (1) Average Temperature (1) P6b Trait Hours (N) Trait Hours (N) Trait Hours (N) Trait Hours (N) Average Temperature (1) Hours With Any Cooling (N) Hours With Any Cooling (N) Hours With Any Cooling (Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runume Fraction (-	<u></u>				
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Hours With Any Cooling (%) Hours With Fan-ork (%) <th< td=""><td>Total Hours (%)</td><td></td><td></td><td></td><td></td><td>Aug</td><td>\</td><td></td><td>T</td><td>T1</td><td></td></th<>	Total Hours (%)					Aug	\		T	T1	
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Product will Fail-only (No. Used of Bandming) (%)	Average Denumu. Rumume Fraction (-)					Hours with Ean aphy (No applier debumid) (%)	(
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Average Temperature (F) Average Temperature (F) Mar Total Hours (%) Image Temperature (F) Average Temperature (F) Image Temperature (F) Image Temperature (F) Average Temperature (F) Image Temperature (F) Image Temperature (F) Average Temperature (F) Image Temperature (F) Image Temperature (F) Average Tem-Only Runtime Fraction (·) Image Temperature (F) Image Temperature (F) Average Tem-Only Runtime Fraction (·) Image Temperature (F) Image Temperature (F) Average Tem-Only Runtime Fraction (·) Image Temperature (F) Image Temperature (F) Average Tem-Only Runtime Fraction (·) Image Temperature (F) Image Temperature (F) Average Tem-Only Runtime Fraction (·) Image Temperature (F) Image Temperature (F) May Total Hours (%) Image Temperature (F) Image Temperature (F) May Total Hours (%) Image Temperature (F) Image Temperature (F) May Total Hours (%) Image Temperature (F) Image Temperature (F) May Total Hours (%) Image Temperature (F) Image Temperature (F) May Total Hours	Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runume Fraction (-	<u></u>				
mini Total Hours (%) Image: Control (%)	Average Temperature (F))				Average Temperature (F	4	<u> </u>	<u> </u>		·
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Average Defaultion: Numme Fraction (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Fan-Only Runtime Fraction (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Apr Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) May Total Hours (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Hours with Any Cooling (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Average Tempority (*) Jun Total Hours (*) Average Tempority (*) Average Tempority (*) Average Tempority (*)	Hours with Any Denumid. (%)	2				Hours with Any Denumid. (%	(
Hours with Par-Only (No cool or denumid) (%) Image: Constraint of Constrai	Average Denumid. Runtime Fraction (-,	2				Average Denumid. Runtime Fraction (-	<u>'</u>				t
Average Fan-Only Ruitime Fraction (-) Average Temperature (F) Average Temperature (F) Average Temperature (F) Average Temperature (F) Average Temperature (F) Average Temperature (F) Average Temperature (F)	Hours with Fan-only (No cool or denumid) (%)	2				Hours with Fan-only (No cool or denumid) (%	<u></u>				H
Apr Average 1emperature (r) Average 1emperature (r) Apr Total Hours (%) Total Hours (%) 83% 44% 10% 2% 0% Hours With Any Cooling (%) Exercise Exercise 62% 66% 56% 66%	Average Fan-Only Runtime Fraction (-,	2				Average Fan-Only Runtime Fraction (-	<u>'</u>				
Total Hours (%) Total Hours (%) Total Hours (%) B3% 44% 10% 2% 0% Arg. Cooling Runtime Fraction () Image: Cooling Runtime Fraction () </td <td>Average Temperature (F)</td> <td>)</td> <td></td> <td></td> <td>1</td> <td>Average Temperature (F</td> <td>4</td> <td></td> <td><u> </u></td> <td></td> <td></td>	Average Temperature (F))			1	Average Temperature (F	4		<u> </u>		
Hours With Any Cooling (%) Hours With Any Cooling (%) E2% 68% 56% 60% Areg. Cooling Runtime Fraction (-) Hours With Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) 0.34 0.30 0.25 0.22 Hours With Any Dehumid. (%) Hours With Any Dehumid. (%) Hours With Any Dehumid. (%) 0.66 0.69 0.69 0.61 Hours With Any Dehumid. (%) Hours With Any Dehumid. (%) 100%	Total Hours (%)					Total Hours (%)	83%	44%	10%	2%	0%
Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Auserage Dehumid. Runtime Fraction (-) Average Temperature (F) Auserage Tempera	Hours With Any Cooling (%)	(Hours With Any Cooling (%)	62%	68%	56%	60%	
Hours with Any Dehumid. (%) Inc. Inc. <t< td=""><td>Avg. Cooling Runtime Fraction (-)</td><td>5</td><td></td><td></td><td></td><td>Avg. Cooling Runtime Fraction (-</td><td>0.34</td><td>0.30</td><td>0.25</td><td>0.22</td><td>i</td></t<>	Avg. Cooling Runtime Fraction (-)	5				Avg. Cooling Runtime Fraction (-	0.34	0.30	0.25	0.22	i
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Color dehumid) (%) Color	Hours with Any Dehumid (%)	5				Hours with Any Dehumid (%	96%	99%	100%	100%	
Hours with Fan-only (No cool or dehumid) (%) Image: Cool or dehumid) (%) Cool or dehumid) (%) <thcool (%)<="" dehumid)="" or="" th=""> Cool or dehumid)</thcool>	Average Debumid Runtime Fraction (-)	<u> </u>				Average Debumid Runtime Fraction (-	0.66	0.69	0.69	0.61	i
Average Fan-Only Runtime Fraction (-) Average Temperature (F) Average Temperature (F) Average Temperature (F) Total Hours (%) Total Hours (%) Average Temperature (F) Total Hours (%) Total Hours (%) Average Temperature (F) Total Hours (%) B1% 39% 8% 0%	Hours with Ean-only (No cool or debumid) (%)	5				Hours with Ean-only (No cool or dehumid) (%	1%	0%	0%	0%	i
Average Temperature (F) Image Temperature (F) <thimage (f)<="" temperature="" th=""> Image Temperatur</thimage>	Average Ean-Only Runtime Fraction (-)	(Average Ean-Only Runtime Fraction (-	0.17	070	070	070	
May Total Hours (%) B1% 39% 8% 0% 0% May Total Hours (%) Image: Total Hours (%) B1% 39% 8% 0% 0% Average Dehumid. Runtime Fraction (-) Image: Total Hours (%) B1% 39% 8% 0% 0% Average Dehumid. Runtime Fraction (-) Image: Total Hours (%) B1% 39% 8% 0% 0% Average Temperature (F) Image: Total Hours (%) B1% 39% 8% 0% 0% Jun Total Hours (%) Image: Total Hours (%) Image: Total Hours (%) 0%	Average Temperature (F)	(Average Temperature (F	75.0	75.3	75.2	75.5	i
Total Hours (%) Total Hours (%) Total Hours (%) 81% 33% 8% 0% 0% Hours With Any Cooling (%) 57% 50% 37% 0% Average Dehumid. Runtime Fraction (-)	Mav					Nov		J			
Hours With Any Cooling %) Image: Cooling Runtime Fraction (-) State of the sta	Total Hours (%))				Total Hours (%) 81%	39%	8%	0%	0%
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-)	Hours With Any Coolina (%)					Hours With Any Cooling (%) 57%	50%	37%	0%	
Hours with Any Dehumid. (%) Hours with Any Cooling (%) Hours with Any Dehumid. (%) Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Any Dehumid. (%) Hours	Avg. Cooling Runtime Fraction (-					Avg. Cooling Runtime Fraction (-) 0.33	0.25	0.20		
Average Dehumid. Runtime Fraction (-) Average Calculation Average Calculation Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Calculation Average	Hours with Any Dehumid. (%					Hours with Any Dehumid. (%) 97%	99%	100%	100%	
Hours with Fan-only (No cool or dehumid) (%) <td>Average Dehumid, Runtime Fraction (-</td> <td>j l</td> <td></td> <td></td> <td></td> <td>Average Dehumid, Runtime Fraction (-</td> <td>) 0.81</td> <td>0.85</td> <td>0.86</td> <td>0.94</td> <td></td>	Average Dehumid, Runtime Fraction (-	j l				Average Dehumid, Runtime Fraction (-) 0.81	0.85	0.86	0.94	
Average Fan-Only Runtime Fraction (-) Average Temperature (F) Average Temperature (F) <tha< td=""><td>Hours with Fan-only (No cool or dehumid) (%</td><td></td><td></td><td></td><td></td><td>Hours with Fan-only (No cool or dehumid) (%</td><td>) 0%</td><td>0%</td><td>0%</td><td>0%</td><td></td></tha<>	Hours with Fan-only (No cool or dehumid) (%					Hours with Fan-only (No cool or dehumid) (%) 0%	0%	0%	0%	
Average Temperature (F) Average Temperature (F) 74.8 75.0 75.1 74.5 Jun Total Hours (%) Image: Cooling Runtime Fraction (°) Image: Cooling Runtime Fraction (°) Total Hours (%) 46% 25% 7% 1% 0% Hours with Any Cooling (%) Image: Cooling Runtime Fraction (°) Image: Cooling Runtime Fraction (°) Image: Cooling Runtime Fraction (°) 0.24 0.13 0.08 Hours with Any Dehumid. (%) Image: Ran-only Runtime Fraction (°) Image: Ran-only Runtime Fraction (°) 0.90 0.93 0.96 0.99 Hours with Fan-only Runtime Fraction (°) Image: Ran-only Runtime Fraction (°)	Average Fan-Only Runtime Fraction (-	j l				Average Fan-Only Runtime Fraction (-)				
Jun Total Hours (%) Total Hours (%) Total Hours (%) Average Dehumid. Runtime Fraction (-) Total Hours (%) 46% 25% 7% 1% 0% Hours With Any Cooling (%) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) 0.29 0.24 0.13 0.08 Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) 0.90 0.90 100% 100% Hours with Fan-only (No cool or dehumid) (%) Average Temperature (F) Average Temperature (F) 75.1 75.2	Average Temperature (F)					Average Temperature (F) 74.8	75.0	75.1	74.5	
Total Hours (%) Total Hours (%) Total Hours (%) 46% 25% 7% 1% 09 Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Any Cooling (%) 38% 57% 42% 33% 0 Average Dehumid. (%) Hours with Any Dehumid. (%) Hours With Any Dehumid. (%) 100% 10% 10% 10%	Jun					Dec		J			
Hours With Any Cooling (%) Hours With Any Cooling (%) <th< td=""><td>Total Hours (%</td><td>)</td><td></td><td></td><td></td><td>Total Hours (%</td><td>) 46%</td><td>25%</td><td>7%</td><td>1%</td><td>0%</td></th<>	Total Hours (%)				Total Hours (%) 46%	25%	7%	1%	0%
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) 0.29 0.24 0.13 0.08 Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) 100% 100% 100% Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only Runtime Fraction (-) 0.90 0.93 0.96 0.99 Hours with Fan-only Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only Runtime Fraction (-) Hours With Fan-only Run	Hours With Any Coolina (%)					Hours With Any Coolina (%) 38%	57%	42%	33%	
Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) 100% 100% Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or de	Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-) 0.29	0.24	0.13	0.08	
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) 0.90 0.93 0.96 0.99 Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F) 0	Hours with Any Dehumid. (%))				Hours with Any Dehumid. (%) 100%	100%	100%	100%	
Hours with Fan-only (No cool or dehumid) (%) Image: Control of the cont	Average Dehumid. Runtime Fraction (-					Average Dehumid. Runtime Fraction (-) 0.90	0.93	0.96	0.99	
Average Fan-Only Runtime Fraction (-) Average Temperature (F) Average Temperature (F) 75.1 75.2	Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%) 0%	0%	0%	0%	
Average Temperature (F) 73.6 74.9 75.1 75.2	Average Fan-Only Runtime Fraction (-					Average Fan-Only Runtime Fraction (-)				
	Average Temperature (F					Average Temperature (F) 73.6	74.9	75.1	75.2	

2001		Relative Humidity Th	reshold		2001		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55% Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan					Jul					
Total Hours (%)					Total Hours (%)				
Hours With Any Cooling (%)					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)		I		
Average Temperature (F)					Average Temperature (F)	<u> </u>			
Feb	-				Aug			T		1
I otal Hours (%)					I otal Hours (%	2				-
Hours With Any Cooling (%)					Hours With Any Cooling (%	2				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	2				-
Hours with Any Denumid. (%)					Hours with Any Denumid. (%	2				
Average Denumid. Runtime Fraction (-)					Average Denumid. Runtime Fraction (-	2				
Hours with Fan-only (No cool or denumid) (%)					Hours with Fan-only (No cool or denumid) (%	2				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-	2		I		
Average Temperature (F)				<u> </u>	Average Temperature (F)	<u> </u>			
Mar Tatal Hours (%)					Sep		1			1
I Journ With Any Cooling (%)					Hours With Any Cooling (%	2		I		
Avg. Cooling Puntimo Eraction ()					Avg. Cooling Puntime Fraction (<u></u>				
Avg. Cooling Runtime Flaction (-)					Avg. Cooling Runtime Fraction (-	2		I		
Average Debumid, Buntime Erection ()					Average Debumid, Buntime Fraction (<u></u>				
Average Denumid. Runtime Fraction (-)					Average Denumic. Runtime Fraction (-	2		I		
Average Fan Only (No cool of denumid) (%)					Average Eap Only Puntime Fraction (<u></u>				
Average Fail-Only Runnine Flaction (-)	-				Average Fail-Only Runnine Flaction (-	<u></u>				
Average reinperature (F)				· · · · · · · · · · · · · · · · · · ·	Average reinperature (F)	<u> </u>	<u> </u>		<u> </u>
Total Hours (%)					Total Hours (%	75%	27%	3%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%	64%	67%	12%	070	070
Ava Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	0.33	0.27	0.03		
Hours with Any Debumid (%)					Hours with Any Dehumid (%	97%	99%	100%		
Average Dehumid Runtime Fraction (-)					Average Debumid Runtime Fraction (-	0.66	0.70	0.72		
Hours with Fan-only (No cool or dehumid) (%)					Hours with Ean-only (No cool or dehumid) (%	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-	0.17				
Average Temperature (F)					Average Temperature (F	74.2	74.4	74.4		
Mav		1		·	Nov		1			J
Total Hours (%)					Total Hours (%) 70%	22%	0%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%	56%	34%	0%		
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	0.31	0.19			
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%) 98%	100%	100%		
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-	0.82	0.88	0.85		
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%) 0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)					Average Temperature (F	73.8	74.1	74.7		
Jun					Dec		·			
Total Hours (%)					Total Hours (%) 38%	18%	2%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%) 45%	54%	20%		
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-) 0.27	0.22	0.14		
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%) 100%	100%	100%		
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-	0.92	0.95	0.97		
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%) 0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)					Average Temperature (F) 73.2	74.0	74.2		

Table 36. Site 10 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 37. Site 10 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Hours with Fan-only (No cool or dehumid) (%)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-Average Temperature (F)

Hours with Fan-only (No cool or dehumid) (%)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-

Hours with Fan-only (No cool or dehumid) (%)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Hours with Fan-only (No cool or dehumid) (%)

Month Jan

Feb

Mar

Apr

May

Jun

	Relative	Humidity Th	reshold		2002	Relative Humidity Threshold		reshold		
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
000/	400/	00/	00/	00/	Jul	140/	00/	10/	00/	00/
29%	12%	2%	0%	0%	I otal Hours (%)	41%	8%	1%	0%	0%
21%	19%	15%	0%		Hours With Any Cooling (%)	99%	100%	100%	100%	
0.40	0.40	0.60	1000/		Avg. Cooling Runtime Flaction (-)	100%	0.29	0.30	100%	
90%	90%	92%	100%		Average Debumid, Runtime Fraction (-)	100%	1.00%	100%	100%	
0.92	0.94	0.97	1.00		Hours with Ean-only (No cool or debumid) (%)	1.00	1.00	1.00	0%	
078	078	078	078		Average Eap-Only Runtime Fraction (-)	078	078	078	078	
75.6	77.2	77.2	71.8			78.1	77 9	76.8	75.9	
10.0	11.2	11.2	71.0		Aug	70.1	11.0	10.0	10.0	
16%	2%	1%	0%	0%	Total Hours (%)	54%	13%	2%	1%	0%
33%	67%	60%			Hours With Any Cooling (%)	95%	96%	94%	100%	
0.31	0.34	0.43			Avg. Cooling Runtime Fraction (-)	0.54	0.51	0.61	0.70	
97%	93%	100%			Hours with Any Dehumid. (%)	100%	100%	100%	100%	
0.86	0.90	0.87			Average Dehumid. Runtime Fraction (-)	0.96	0.97	0.97	0.91	
2%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	
0.17					Average Fan-Only Runtime Fraction (-)					
73.3	73.5	72.1			Average Temperature (F)	77.4	77.1	76.7	76.3	
					Sep					
53%	25%	5%	0%	0%	Total Hours (%)	88%	33%	7%	2%	1%
64%	77%	75%	0%		Hours With Any Cooling (%)	91%	86%	75%	64%	75%
0.34	0.34	0.39			Avg. Cooling Runtime Fraction (-)	0.48	0.40	0.36	0.35	0.22
99%	99%	100%	100%		Hours with Any Dehumid. (%)	100%	100%	100%	100%	100%
0.95	0.98	0.99	1.00		Average Dehumid. Runtime Fraction (-)	0.97	0.98	0.98	0.97	0.96
0%	0%	0%	0%		Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
					Average Fan-Only Runtime Fraction (-)					
74.6	75.0	75.2	75.9		Average Temperature (F)	76.6	76.4	76.1	75.9	75.6
					Oct					
89%	46%	11%	1%	0%	Total Hours (%)	94%	48%	13%	4%	0%
72%	77%	78%	100%		Hours With Any Cooling (%)	74%	73%	68%	76%	
0.43	0.39	0.41	0.33		Avg. Cooling Runtime Fraction (-)	0.40	0.37	0.34	0.38	
96%	95%	97%	100%		Hours with Any Denumid. (%)	100%	100%	100%	100%	
0.94	0.97	0.97	0.99		Average Denumid. Runtime Fraction (-)	0.98	0.98	0.99	1.00	
0%	0%	0%	0%		Hours with Fan-only (No cool of denumid) (%)	0%	0%	0%	0%	
75.0	75.2	75.2	75.0		Average Fan-Only Runtime Fraction (-)	0.17	0.17	75.1	74 9	
75.0	15.2	75.5	75.0		Average reinperature (F)	75.4	75.4	75.1	74.0	
73%	10%	2%	0%	0%	Total Hours (%)					
0/0/	86%	2 /0 Q/10/	100%	0 78	Hours With Any Cooling (%)					
0 42	0 41	0.36	0.56		Ava Cooling Runtime Fraction (-)					
99%	100%	100%	100%		Hours with Any Dehumid (%)					
0.93	0.96	0.95	1.00		Average Dehumid. Runtime Fraction (-)					
0%	0%	0%	0%		Hours with Fan-only (No cool or dehumid) (%)					
0.17	0,0	0,0	0,0		Average Fan-Only Runtime Fraction (-)					
75.4	75.2	74.9	73.8		Average Temperature (F)					
					Dec			1		
67%	14%	1%	0%	0%	Total Hours (%)					
95%	95%	100%	100%		Hours With Any Cooling (%)					
0.37	0.28	0.33	0.38		Avg. Cooling Runtime Fraction (-)					
100%	100%	100%	100%		Hours with Any Dehumid. (%)					
0.94	0.96	0.94	0.94		Average Dehumid. Runtime Fraction (-)					
0%	0%	0%	0%		Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
78.3	78.9	77.7	76.9		Average Temperature (F)					

Table 38. S	Site 10 -	Indoor R	H Data by	month	and thre	shold le	evel for	2002	(AVERA	GE of a	I spaces)
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Month Jan

Feb

Mar

Apr

May

Jun

2002		Relative	Humidity Th	reshold		2002		Relative	Humidity Th	reshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
n Tatal Haura (0()	040/	00/	00/	00/	00/	Jui	4.00/	00/	00/	00/	00/
I otal Hours (%)	21%	8%	0%	0%	0%	I otal Hours (%)	10%	0%	0%	0%	0%
Hours with Any Cooling (%)	20%	18%				Hours with Any Cooling (%)	98%	100%			
Avg. Cooling Runtime Flaction (-)	0.40	0.35				Avg. Cooling Runtime Fraction (-)	100%	0.10			
Average Debumid Buntime Fraction ()	90%	90%				Average Debumid, Buptime Fraction (1.00%	100%			
Hours with Ean only (No cool or dobumid) (%)	0.93	0.95				Hours with Eap only (No cool or dobumid) (%)	1.00	1.00			
Average Ean-Only Puntime Eraction (-)	076	0%				Average Eap-Only Puntime Eraction (-)	076	076			
Average Fait-Only Kuntime Flaction (-)	75.6	76.7	70.1			Average Fail-Only Runnine Flaction (-)	75.8	75.0			
h	75.0	70.7	75.1				75.0	15.5			
Total Hours (%)	9%	1%	0%	0%	0%	Total Hours (%)	28%	2%	0%	0%	0%
Hours With Any Cooling (%)	42%	67%	0,0	0,0	070	Hours With Any Cooling (%)	96%	87%	070	0,0	0,0
Ava Cooling Runtime Eraction (-)	0.33	0.17				Avg. Cooling Runtime Fraction (-)	0.53	0.63			
Hours with Any Dehumid (%)	98%	100%				Hours with Any Dehumid (%)	100%	100%			
Average Dehumid Runtime Fraction (-)	0.89	1 00				Average Dehumid Runtime Eraction (-)	0.97	0.98			
Hours with Ean-only (No cool or dehumid) (%)	0%	0%				Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)	0,0	0,0				Average Fan-Only Runtime Fraction (-)	0,0	0,0			
Average Temperature (F)	72 7	72.5				Average Temperature (F)	75.7	75.7			
ar						Sep					
Total Hours (%)	43%	12%	0%	0%	0%	Total Hours (%)	65%	10%	1%	0%	0%
Hours With Any Cooling (%)	69%	77%	0%			Hours With Any Cooling (%)	89%	80%	50%	50%	
Avg. Cooling Runtime Fraction (-)	0.34	0.34				Avg. Cooling Runtime Fraction (-	0.46	0.44	0.19	0.26	
Hours with Any Dehumid. (%)	100%	100%	100%			Hours with Any Dehumid. (%)	100%	100%	100%	100%	
Average Dehumid, Runtime Fraction (-)	0.97	0.99	1.00			Average Dehumid, Runtime Fraction (-)	0.98	0.98	0.98	0.92	
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-					
Average Temperature (F)	73.4	73.9	74.5			Average Temperature (F	75.4	75.4	75.1	74.8	
pr						Oct					
Total Hours (%)	79%	23%	1%	0%	0%	Total Hours (%)	84%	25%	3%	0%	0%
Hours With Any Cooling (%)	73%	72%	78%			Hours With Any Cooling (%)	73%	70%	53%	50%	
Avg. Cooling Runtime Fraction (-)	0.42	0.38	0.24			Avg. Cooling Runtime Fraction (-)	0.40	0.33	0.41	0.18	
Hours with Any Dehumid. (%)	96%	96%	100%			Hours with Any Dehumid. (%)	99%	100%	100%	100%	
Average Dehumid. Runtime Fraction (-)	0.95	0.98	1.00			Average Dehumid. Runtime Fraction (-)	0.98	0.98	1.00	1.00	
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)	1%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.17				
Average Temperature (F)	73.9	74.1	74.1			Average Temperature (F)	74.5	74.6	74.5	73.8	
ау						Nov		I.	1		
Total Hours (%)	51%	5%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	88%	91%				Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.42	0.43				Avg. Cooling Runtime Fraction (-					
Hours with Any Dehumid. (%)	99%	100%				Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.95	0.98				Average Dehumid. Runtime Fraction (-					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%				Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.17	74.0				Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	74.1	74.2				Average Temperature (F)					
n Tatal Haura (0()	200/	00/	00/	00/	00/	Dec			1		
I Otal Hours (%)	32%	2%	0%	0%	0%	Lioure With Arts Cooling (%)	l				
Ava Cooling Dusting Fronting (%)	97%	93%				Aug. Cooling Durations Franctions (%)					
Avg. Cooling Runtime Fraction (-)	0.32	0.33				Avg. Cooling Runtime Fraction (-,					
Hours with Any Denumid. (%)	100%	100%				Hours with Any Denumid. (%)	l				
Average Denumic. Kuntime Fraction (-)	0.96	0.96				Average Denumid. Runtime Fraction (-,	l———				
Average Fan-Only (No cool of dehumid) (%)	0%	0%				nouis with Fan-only (No cool or denumid) (%)					
Average Fan-Only Kuntime Fraction (-)	77 4	77.0				Average Fan-Only Runtime Fraction (-,	·				
Average remperature (F)	11.4	77.0				Average remperature (F)	1		1		

Itom Nove 50% Abore 50% Abor	2001		Relative Humidity Th	nreshold	2001		Relative Humidity Th			
Jan July Any Cooling (With Practics) (Social Profile Practics) (Social Practice) (Social Profile Practics) (Social Profile Practics) (Social Profile Practics) (Social Practice) (Sociel Practice) (Social Practice) (So	Month	Above 50% A	bove 55% Above 60%	Above 65% Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Mark Total Hours (%) Mark Total Hours (%) B8% 98% 75% 38% 07 Aug. Coding Rutine Fraction ()	lan				1.1					
Hears With Ary Conting 19% Conting Nutries Practice () Conting Nutries Practice () <th< td=""><td>Total Hours (%</td><td></td><td></td><td></td><td>Total Hours (%</td><td>88%</td><td>88%</td><td>75%</td><td>38%</td><td>0%</td></th<>	Total Hours (%				Total Hours (%	88%	88%	75%	38%	0%
Avg. Coding Runtime Francise () Avg. Coding Ru	Hours With Any Cooling (%	<u></u>			Hours With Any Cooling (%) 00%	0070	1070	5070	07
Hours with Any Debund, Kurtime Fraction () Image: Control of a debund ()	Avg. Cooling Runtime Fraction (-	5			Avg. Cooling Runtime Fraction (-	/ -)			-	-
Average Deximit. Number Factor (-) Average Fan-Only Pottmer Factor (-) Average Fan-Only Pottmer Factor (-) Feb Total Hours (N) Color defaundi, (N) Color defaundi, (N) Color defaundi, (N) Feb Total Hours (N) Color defaundi, (N) Color defaundi, (N) Color defaundi, (N) Average Tan-Only Pottmer Factor (-) Color defaundi, (N) Color defaundi, (N) Color defaundi, (N) Average Tan-Only Pottmer Factor (-) Color defaundi, (N) Color defaundi, (N) Color defaundi, (N) Average Tan-Only Pottmer Factor (-) Color defaundi, (N) Color defaundi, (N) Color defaundi, (N) Average Tan-Only Pottmer Factor (-) Color defaundi, (N) Color defaundi, (N) Color defaundi, (N) Average Tan-Only Pottmer Factor (-) Color defaundi, (N) Color defaundi, (N) Color defaundi, (N) Average Tan-Only Pottmer Factor (-) Color defaundi, (N) Color defaundi, (N) Color defaundi, (N) Average Tan-Only Pottmer Factor (-) Color defaundi, (N) Color defaundi, (N) Color defaundi, (N) Average Tan-Only Pottmer Factor (-) Color defaundi, (N) Color defaundi, (N) Color defaundi, (N) Average Tan-On	Hours with Any Dehumid (%	Ś.			Hours with Any Dehumid (%	,			-	-
House with Parcety (bit coold or dehumid) (b)	Average Dehumid, Runtime Fraction (-	Ś.			Average Dehumid, Runtime Fraction (-	ý .)				-
Average Far-Colv Column (Fraction (c) Column (C) Feb	Hours with Fan-only (No cool or dehumid) (%	ý –			Hours with Fan-only (No cool or dehumid) (%	ý.				-
Average Temperature (F) Average Temperature (F) 75.9 75.9 75.9 75.9 75.9 75.4 Feb Total Hours (N) Average Temperature (F) 2005 1	Average Fan-Only Runtime Fraction (-	Ś.			Average Fan-Only Runtime Fraction (-	ý .)				-
Feb Total Hours (%) Aug Tota	Average Temperature (F	í –			Average Temperature (F	75.9	75.9	76.2	76.4	
Total Hours (%) Total Hour	Feb	'			Aug	/	10.0			1
Hours With Any Cooling (%) Hours With Any Cooling (%) 97%	Total Hours (%)			Total Hours (%) 100%	100%	84%	47%	149
Avg. Cooling Runtime Fraction () Avg. Cooling Runtime Fraction () Avg. Cooling Runtime Fraction () 0.67 0.68 0.70 0.68 Average Dehumid. (No. Internet Fraction () Average Dehumid. (No. Internet Fraction () 0.67 0.68 0.70 0.68 Average Ten-Ohy Routing Cooling (No. Internet Fraction () 0.87 0.88 0.78 0.88 Mar	Hours With Any Cooling (%	Ś.			Hours With Any Cooling (%	97%	97%	96%	98%	100%
Hous with Ary Dehumal, (%) Image: Control of Con	Avg. Cooling Runtime Fraction (-	ý – – – – – – – – – – – – – – – – – – –			Avg. Cooling Runtime Fraction (-	0.67	0.67	0.68	0.70	0.6
Average Detrund, Runtime Fraction () Average Tan-Only Runtime	Hours with Any Dehumid. (%	ý)			Hours with Any Dehumid. (%)				
Hours with Fan-orly No cool or defunind(?%) 1% 2% 1% 2% Average Ten-Orly Rumine Fraction (-) 102 0.20 </td <td>Average Dehumid, Runtime Fraction (-</td> <td>ý – – – – – – – – – – – – – – – – – – –</td> <td></td> <td></td> <td>Average Dehumid, Runtime Fraction (-</td> <td>ý –</td> <td></td> <td></td> <td></td> <td></td>	Average Dehumid, Runtime Fraction (-	ý – – – – – – – – – – – – – – – – – – –			Average Dehumid, Runtime Fraction (-	ý –				
Average Fan-Only Runtime Fraction (-) 0.20	Hours with Fan-only (No cool or dehumid) (%	ý)			Hours with Fan-only (No cool or dehumid) (%	1%	1%	2%	1%	09
Average Temperature (P) Average Temperature (P) 74.3 74.3 74.6 75.2 75.5 Mar Total Hours (%) Image: Control (%) Image: Contro (%) Image: Control (%)	Average Fan-Only Runtime Fraction (-	ý – – – – – – – – – – – – – – – – – – –			Average Fan-Only Runtime Fraction (-	0.20	0.20	0.20	0.23	
Nar Sep Total Hours (%) Hours With Any Cooling (%) Hours With A	Average Temperature (F	ý			Average Temperature (F) 74.3	74.3	74.6	75.2	75.
Total Hours (%) Total Hours (%) 100% <th< td=""><td>Mar</td><td>/</td><td></td><td></td><td>Sep</td><td></td><td>-</td><td></td><td></td><td>1</td></th<>	Mar	/			Sep		-			1
Hours With Any Cooling (%) B4% B4% </td <td>Total Hours (%</td> <td>)</td> <td></td> <td></td> <td>Total Hours (%</td> <td>) 100%</td> <td>100%</td> <td>89%</td> <td>28%</td> <td>19</td>	Total Hours (%)			Total Hours (%) 100%	100%	89%	28%	19
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) 0.52 0.52 0.50 0.30 0.11 Average Delumid, Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) - - - Hours with Any Delumid (%) - - - - - Average Tan-Only Runtime Fraction (-) - - - - - Average Tan-Only Runtime Fraction (-) - - - - - Average Tan-Only Runtime Fraction (-) - - - - Average Tan-Only Runtime Fraction (-) - - - - Average Tan-Only Runtime Fraction (-) - - - - Average Tan-Only Runtime Fraction (-) - - - - Average Tan-Only Runtime Fraction (-) - - - - Average Tan-Only Runtime Fraction (-) - - - - Average Tan-Only Runtime Fraction (-) - - - - - Average Tan-Only Runtime Fraction (-)	Hours With Any Cooling (%)			Hours With Any Cooling (%	.) 84%	84%	86%	87%	80%
Hours with Any Dehumid. (%) Image: Control of Control (%) Image: Control Contente Control Control Control Control Contrel Contectic	Avg. Cooling Runtime Fraction (-	ý			Avg. Cooling Runtime Fraction (-) 0.52	0.52	0.50	0.30	0.13
Average Detundi. Runtime Fraction (-) Average Ten-Only Routine Fraction (-)	Hours with Any Dehumid. (%)			Hours with Any Dehumid. (%	.)				
Hours with Fan-only (No cool or dehumid) (%) 16% 14% 13% 20% Average Fan-Ohy Runtime Fraction (-)	Average Dehumid, Runtime Fraction (-	ý			Average Dehumid, Runtime Fraction (-)				
Average Fan-Only Runtime Fraction (-) 0.20	Hours with Fan-only (No cool or dehumid) (%	ý)			Hours with Fan-only (No cool or dehumid) (%	16%	16%	14%	13%	20%
Average Temperature (F) Average Temperature (F) 74.5 74.5 74.6 74.9 75.1 Apr Total Hours (%)	Average Fan-Only Runtime Fraction (-	ý – – – – – – – – – – – – – – – – – – –			Average Fan-Only Runtime Fraction (-	0.20	0.20	0.20	0.20	0.2
Apr Total Hours (%) Image: Control of Control of Control Hours (%) Image: Contro H	Average Temperature (F	ý – – – – – – – – – – – – – – – – – – –			Average Temperature (F	74.5	74.5	74.6	74.9	75.
Total Hours (%) Total Hour	Apr				Oct	1				
Hours With Any Cooling (%) 45% 45% 40% 35% 89 Avg. Cooling Runtime Fraction () 0.48 0.48 0.42 0.25 0.2 Hours with Any Dehumid. (%) 45% 45% 40% 35% 89 Avg. Cooling Runtime Fraction () <td>Total Hours (%</td> <td>)</td> <td></td> <td></td> <td>Total Hours (%</td> <td>) 100%</td> <td>99%</td> <td>72%</td> <td>16%</td> <td>2%</td>	Total Hours (%)			Total Hours (%) 100%	99%	72%	16%	2%
Avg. Cooling Runtime Fraction (-) Average Dehumid. (%) Average Dehumid. Runtime Fraction (-) 0.48 0.42 0.25 0.27 Hours with Any Dehumid. (%) <td< td=""><td>Hours With Any Cooling (%</td><td>)</td><td></td><td></td><td>Hours With Any Cooling (%</td><td>45%</td><td>45%</td><td>40%</td><td>35%</td><td>8%</td></td<>	Hours With Any Cooling (%)			Hours With Any Cooling (%	45%	45%	40%	35%	8%
Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) 55% 60% 65% 929 Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) 0.17 <td< td=""><td>Avg. Cooling Runtime Fraction (-</td><td>ý</td><td></td><td></td><td>Avg. Cooling Runtime Fraction (-</td><td>) 0.48</td><td>0.48</td><td>0.42</td><td>0.25</td><td>0.23</td></td<>	Avg. Cooling Runtime Fraction (-	ý			Avg. Cooling Runtime Fraction (-) 0.48	0.48	0.42	0.25	0.23
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Temperature (F) Average Temperature (F) <td>Hours with Any Dehumid. (%</td> <td>)</td> <td></td> <td></td> <td>Hours with Any Dehumid. (%</td> <td>.)</td> <td></td> <td></td> <td></td> <td></td>	Hours with Any Dehumid. (%)			Hours with Any Dehumid. (%	.)				
Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) 55% 55% 60% 65% 92% Average Fan-Only Runtime Fraction () Average Temperature (F) Average Temperature (F) 0.17	Average Dehumid, Runtime Fraction (-	ý			Average Dehumid, Runtime Fraction (-)				
Average Fan-Only Runtime Fraction (-) Average Temperature (F) 0.17	Hours with Fan-only (No cool or dehumid) (%)			Hours with Fan-only (No cool or dehumid) (%	55%	55%	60%	65%	92%
Average Temperature (F) Average Temperature (F) 73.1 73.2 73.3 74.0 74.1 May Image: Construct on the state on the	Average Fan-Only Runtime Fraction (-	ý			Average Fan-Only Runtime Fraction (-) 0.17	0.17	0.17	0.17	0.1
May Total Hours (%) Image: Constraint of the second secon	Average Temperature (F)			Average Temperature (F) 73.1	73.2	73.3	74.0	74.3
Total Hours (%) Total Hours (%) 98% 93% 81% 30% 29 Hours With Any Cooling (%) 33% 35% 34% 18% 79 Average Dehumid. Runtime Fraction (-) 33% 35% 34% 18% 79 Average Dehumid. Runtime Fraction (-) 33% 35% 34% 18% 79 Average Dehumid. Runtime Fraction (-)	May			· · ·	Nov				,	
Hours With Any Cooling (%) Hours With Any Cooling (%) 33% 35% 34% 18% 79 Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Hours with Any Cooling (%) 33% 35% 34% 18% 79 Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) Hours with Any Cooling (%) Hours with Any Dehumid. (%) Hours with Any Cooling (%) Hours with Any Dehumid. (%) Hours with Any Cooling (%) <td>Total Hours (%</td> <td>)</td> <td></td> <td></td> <td>Total Hours (%</td> <td>) 98%</td> <td>93%</td> <td>81%</td> <td>30%</td> <td>2%</td>	Total Hours (%)			Total Hours (%) 98%	93%	81%	30%	2%
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) 0.42 0.43 0.41 <td>Hours With Any Cooling (%</td> <td>)</td> <td></td> <td></td> <td>Hours With Any Cooling (%</td> <td>) 33%</td> <td>35%</td> <td>34%</td> <td>18%</td> <td>7%</td>	Hours With Any Cooling (%)			Hours With Any Cooling (%) 33%	35%	34%	18%	7%
Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F) Average Temperature (F) 0.18 0.17 0.17 0.17 Jun Total Hours (%) Total Hours (%) Hours with Any Cooling (%) 12% 72.4 72.2 73.1 73.1 Average Temperature (F) Total Hours (%) Hours with Any Dehumid. (%) 94% 81% 65% 33% 99 Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) 94% 81% 65% 33% 99 Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) <	Avg. Cooling Runtime Fraction (-	ý			Avg. Cooling Runtime Fraction (-) 0.42	0.42	0.36	0.25	0.10
Average Dehumid. Runtime Fraction (-) Average Calculation Average Calculation Average Dehumid. Runtime Fraction (-) Average Calculation	Hours with Any Dehumid. (%)			Hours with Any Dehumid. (%	.)				
Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) 67% 65% 66% 82% 93% Average Fan-Only Runtime Fraction (-) Average Temperature (F) Average Temperature (F) 0.18 0.17 0.18 0.17 0.17 0.17 0.17 0.17 0.17 0.18 0.18 0.16 0.17 0.11 0.18 0.18 0.18 0.17 0.11 0.18 0.17 0.11 0.18 0.17 0.11 0.11	Average Dehumid. Runtime Fraction (-	ý			Average Dehumid. Runtime Fraction (-)				
Average Fan-Only Runtime Fraction (-) Average Temperature (F) Average Temperature (F) Average Temperature (F) Out <	Hours with Fan-only (No cool or dehumid) (%)			Hours with Fan-only (No cool or dehumid) (%	67%	65%	66%	82%	93%
Average Temperature (F) Average Temperature (F) 72.4 72.6 72.8 73.1<	Average Fan-Only Runtime Fraction (-	ý			Average Fan-Only Runtime Fraction (-	0.18	0.17	0.17	0.17	0.1
Jun Total Hours (%) Total Hours (%) Total Hours (%) Total Hours (%) Participation Hours With Any Cooling (%) Hours With Any Cooling (%) 12% 13% 65% 33% 99 Hours with Any Cooling (%) Hours With Any Cooling (%) 12% 13% 16% 21% 119 Average Dehumid. (%) Hours with Any Dehumid. (%) Hours with Fan-only (No cool or dehumid) (%)	Average Temperature (F	ý			Average Temperature (F) 72.4	72.6	72.8	73.1	73.
Total Hours (%) Total Hours (%) 94% 81% 65% 33% 99 Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Any Cooling (%) 12% 13% 16% 21% 119 Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) 0.40 0.38 0.27 0.1 Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) 88% 87% 84% 79% 899 Average Fan-Only Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) 88% 87% 84% 79% 899 Average Temperature (F) Average Temperature (F) 70.7 70.8 71.5 72.5	Jun	, ,		· · · · · · · · · · · · · · · · · · ·	Dec	-				4
Hours With Any Cooling (%) Hours With Any Cooling (%) 12% 13% 16% 21% 11% Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) H	Total Hours (%)			Total Hours (%	.) 94%	81%	65%	33%	9%
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) 0.40 0.38 0.27 0.11 Hours with Any Dehumid. (%) Hours with Any	Hours With Any Cooling (%)			Hours With Any Cooling (%) 12%	13%	16%	21%	119
Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) <td< td=""><td>Avg. Cooling Runtime Fraction (-</td><td>)</td><td></td><td></td><td>Avg. Cooling Runtime Fraction (-</td><td>) 0.40</td><td>0.40</td><td>0.38</td><td>0.27</td><td>0.1</td></td<>	Avg. Cooling Runtime Fraction (-)			Avg. Cooling Runtime Fraction (-) 0.40	0.40	0.38	0.27	0.1
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Image: Constraint of the state of the sta	Hours with Any Dehumid. (%				Hours with Any Dehumid. (%)				
Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) 88% 87% 84% 79% 899 Average Fan-Only Runtime Fraction (-) Average Temperature (F) Average Temperature (F) 0.18 0.17 0.17	Average Dehumid. Runtime Fraction (-	ý			Average Dehumid. Runtime Fraction (-)				1
Average Fan-Only Runtime Fraction (-) 0.18 0.18 0.17 0.17 Average Fan-Only Runtime Fraction (-) Average Temperature (F) 70.5 70.7 70.8 71.5 72.5	Hours with Fan-only (No cool or dehumid) (%	j –			Hours with Fan-only (No cool or dehumid) (%) 88%	87%	84%	79%	8,9%
Average Temperature (F) 70.5 70.7 70.8 71.5 72.	Average Fan-Only Runtime Fraction (-	ý l			Average Fan-Only Runtime Fraction (-	0.19	0.18	0.18	0.17	0.1
	Average Temperature (F	ý l			Average Temperature (F	70.5	70.7	70.8	71.5	72.

Table 39. Site 11 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001	Relativ	e Humidity Tl	hreshold		2001	Relative Humidity Threshold				
Month	Above 50% Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lan					had a second sec					
Jan Total Hours (%)			1		Jui Total Hours (%	0.00/	000/	E0%	0%	0%
Hours With Any Cooling (%	<				Hours With Any Cooling (%) 00%	00 %	50%	0%	070
Ava Cooling Puptime Eraction (~	<				Avg. Cooling Puntime Eraction (-	(t
Hours with Any Deburgid (%	<u></u>				Hours with Apy Debumid (%	(t
Average Debumid Runtime Fraction (-	(Average Dehumid, Runtime Fraction (-	(t
Hours with Ean-only (No cool or dehumid) (%	<u></u>				Hours with Ean-only (No cool or dehumid) (%	<u></u>				t
Average Ean-Only Runtime Fraction (-	(Average Eap-Only Runtime Fraction (-	(t
	(74.4	74.4	75.0		
Feb	/					, ,,,,	74.4	70.0		J
Total Hours (%)					Total Hours (%	100%	98%	60%	22%	0%
Hours With Any Cooling (%	(Hours With Any Cooling (%	97%	97%	97%	99%	0,0
Avg. Cooling Runtime Fraction (-					Avg. Cooling Runtime Fraction (-	0.67	0.67	0.67	0.62	
Hours with Any Dehumid (%					Hours with Any Dehumid (%	0.07	0.07	0.07	0.02	
Average Dehumid Runtime Fraction (-	(Average Dehumid, Runtime Fraction (-	Ś				
Hours with Ean-only (No cool or dehumid) (%					Hours with Ean-only (No cool or dehumid) (%	1%	2%	2%	0%	
Average Fan-Only Runtime Fraction (-	(Average Fan-Only Runtime Fraction (-	0.20	0.20	0.20	070	
Average Temperature (F					Average Temperature (F	72 7	72.7	73.3	73.8	
Mar	/				Sen	, , , , , , , , , , , , , , , , , , , ,	72.1	10.0	10.0	L
Total Hours (%)			1		Total Hours (%	100%	98%	57%	6%	0%
Hours With Any Cooling (%					Hours With Any Cooling (%	84%	83%	87%	73%	0,1
Avg. Cooling Runtime Fraction (-					Avg. Cooling Runtime Fraction (-	0.52	0.51	0170	0.21	
Hours with Any Debumid (%	(Hours with Any Debumid (%	0.02	0.01	0.00	0.21	<u> </u>
Average Debumid, Runtime Fraction (-	(Average Debumid Buntime Fraction (-	<u> </u>				<u> </u>
Hours with Ean-only (No cool or dehumid) (%	· · · · · · · · · · · · · · · · · · ·				Hours with Ean-only (No cool or debumid) (%	16%	17%	13%	27%	t
Average Ean-Only Runtime Fraction (-	(Average Eap-Only Runtime Fraction (-	0.20	0.20	0.20	0.21	t
Average 1 an-Only Kultume 1 raction (-	<u></u>				Average Lan-Only Runnine Lacuon (-	73 2	73.3	73.6	74.1	t
Average remperature (r	/				Oct	/ 15.2	75.5	70.0	74.1	L
Total Hours (%)					Total Hours (%	100%	91%	44%	4%	0%
Hours With Any Cooling (%					Hours With Any Cooling (%	45%	44%	39%	24%	100%
Avg. Cooling Runtime Fraction (-					Avg. Cooling Runtime Fraction (-	0.48	0.46	0.35	0 14	0.23
Hours with Any Debumid (%	(Hours with Any Debumid (%	0.40	0.10	0.00	0.14	0.20
Average Debumid, Runtime Fraction (-	(Average Debumid Buntime Fraction (-	<u> </u>				<u> </u>
Hours with Ean-only (No cool or dehumid) (%	(Hours with Ean-only (No cool or dehumid) (%	55%	55%	60%	76%	0%
Average Ean-Only Runtime Fraction (-	(Average Ean-Only Runtime Fraction (-	0.17	0.17	0.17	0.17	070
Average Temperature (F					Average Temperature (F	71.9	72 1	72.5	73.0	74 5
May	/			· · · · · · · · · · · · · · · · · · ·	Nov	,		12.0	10.0	
Total Hours (%)					Total Hours (%	94%	89%	55%	10%	0%
Hours With Any Cooling (%)	<u> </u>				Hours With Any Cooling (%	35%	36%	26%	10%	0,1
Avg. Cooling Runtime Fraction (-					Avg. Cooling Runtime Fraction (-	0 42	0.41	0.25	0.17	
Hours with Any Dehumid (%					Hours with Any Dehumid (%	0.12	0.41	0.20	0.17	
Average Dehumid Runtime Fraction (-	(Average Dehumid, Runtime Fraction (-	Ś				
Hours with Ean-only (No cool or dehumid) (%					Hours with Ean-only (No cool or dehumid) (%	65%	64%	74%	90%	
Average Ean-Only Runtime Fraction (-	(Average Ean-Only Runtime Fraction (-	0.17	0.17	0.17	0.17	
Average Temperature (F					Average 1 an Only Runnine Haction (71.4	71.6	72.0	72.4	
Jun	/				Dec	/ /	71.0	12.0	12.1	L
Total Hours (%)					Total Hours (%	82%	69%	44%	19%	1%
Hours With Any Cooling (%	(Hours With Any Cooling (%	13%	16%	21%	10%	0%
Avg. Cooling Runtime Fraction (-					Avg. Cooling Runtime Fraction (-	0.40	0.41	0.35	0.22	570
Hours with Any Dehumid (%					Hours with Any Debumid (%	(<u> </u>	0.41	0.00	0.22	
Average Dehumid Runtime Fraction (-		-			Average Dehumid Runtime Fraction (-	(<u> </u>				
Hours with Fan-only (No cool or debumid) (%					Hours with Fan-only (No cool or debumid) (%	87%	8/10/-	70%	81%	100%
Average Ean-Only Runtime Fraction (-		-			Average Ean-Only Runtime Fraction (-	01/0	0470	n 17	0170	0.17
Average Tan-Only Numme Fidelion (-	(+			Average Lan-Only Running Flaction (-	60.7	60.0	70 /	71.5	71 7
Average reinperature (r	/	1	1	1	Average reinperature (r	09.1	09.0	10.4	11.5	11.1

Table 40. Site 11 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 41. Site 11 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

reshold		2002	Relative Humidity Threshold				
Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
		lut.					
5%	0%	Total Hours (%)	100%	100%	58%	6%	0%
5%	0%	Hours With Any Cooling (%)	97%	97%	96%	83%	67%
0.34	070	Avg. Cooling Runtime Fraction (-)	0.68	0.68	0.67	0.48	0.65
		Hours with Any Dehumid. (%)					
		Average Dehumid. Runtime Fraction (-)					
71%	100%	Hours with Fan-only (No cool or dehumid) (%)	3%	3%	4%	17%	33%
0.17	0.17	Average Fan-Only Runtime Fraction (-)	0.27	0.27	0.27	0.28	0.27
74.0	72.8	Average Temperature (F)	76.7	76.8	76.9	76.1	75.7
		Aug					
3%	0%	Total Hours (%)	100%	100%	50%	8%	1%
21%		Hours With Any Cooling (%)					
0.08		Avg. Cooling Runtime Fraction (-)					
		Hours with Any Dehumid. (%)					
		Average Dehumid. Runtime Fraction (-)					
79%		Hours with Fan-only (No cool or dehumid) (%)					
0.28		Average Fan-Only Runtime Fraction (-)					
73.2		Average Temperature (F)	76.0	76.0	76.1	76.0	75.5
0504	00/	Sep	1000/	4000/	000/	1.40/	404
25%	3%	I otal Hours (%)	100%	100%	66%	14%	1%
35%	23%	Hours With Any Cooling (%)					
0.23	0.19	Avg. Cooling Runtime Fraction (-)					
		Hours with Any Denumid. (%)					
CE0/	770/	Average Denumid. Rumume Fraction (-)					
0.30	0.28	Average Ean-Only (No cool of denumid) (%)					
75.2	75.0		75.0	75.0	76.1	76.0	76.5
13.2	75.0	Oct	13.3	15.5	70.1	70.0	70.5
53%	7%	Total Hours (%)	99%	95%	72%	20%	1%
60%	27%	Hours With Any Cooling (%)			/ t		.,,
0.31	0.16	Avg. Cooling Runtime Fraction (-)					
		Hours with Any Dehumid. (%)					
		Average Dehumid. Runtime Fraction (-)					
36%	67%	Hours with Fan-only (No cool or dehumid) (%)					
0.28	0.29	Average Fan-Only Runtime Fraction (-)					
74.8	74.6	Average Temperature (F)	75.7	75.8	75.9	76.0	75.6
		Nov					
23%	3%	Total Hours (%)					
74%	60%	Hours With Any Cooling (%)					
0.40	0.13	Avg. Cooling Runtime Fraction (-)					
		Hours with Any Dehumid. (%)					
		Average Dehumid. Runtime Fraction (-)					
25%	40%	Hours with Fan-only (No cool or dehumid) (%)					
0.28	0.28	Average Fan-Only Runtime Fraction (-)					
77.3	75.6	Average Temperature (F)					
400/	00/	Dec		1			
10%	0%	Lioura With Any Costing (9)					
0.47	50%	Hours with Any Cooling (%)					
0.47	0.32	Hours with Any Dobumid (?)					
		Average Debumid Runtime Fraction (-)					
160/	50%	Hours with Ean-only (No cool or deburgid) (%)					
0.28	0.27	Average Fan-Only Runtime Fraction (-)					
76.2	75.2	Average Temperature (F)					

2002	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
lan									
Jali Total Hours (%)	68%	18%	21%	5%	0%				
Hours With Any Cooling (%)	23%	40 %	13%	5%	0%				
Ava Cooling Puntime Fraction (-)	0.70	0.70	0.46	0.34	070				
Hours with Any Debumid (%)	0.75	0.75	0.40	0.54					
Average Debumid Puntime Fraction (-)									
Hours with Ean-only (No cool or debumid) (%)	7/%	7/%	78%	71%	100%				
Average Ean-Only Puntime Eraction (-)	0.20	0.20	0.20	0.17	0.17				
Average Tamperature (E)	72.4	72.8	73.8	74.0	72.9				
Average Temperature (F)	12.4	72.0	73.0	74.0	72.0				
Total Hours (%)	81%	46%	10%	3%	0%				
Hours With Any Cooling (%)	9%	14%	21%	21%	070				
Avg. Cooling Runtime Fraction (-)	0.37	0.34	0.24	0.08					
Hours with Any Debumid (%)	0.57	0.54	0.24	0.00					
Average Debumid Runtime Fraction (-)									
Hours with Ean-only (No cool or debumid) (%)	83%	7/0/-	78%	70%					
Average Ean-Only Puntime Fraction (-)	0.41	0.37	0.35	0.28					
Average Tamperature (E)	70.9	71.2	71.0	73.2					
Mar	70.5	11.2	71.5	13.2					
Total Hours (%)	86%	75%	53%	25%	3%				
Hours With Any Cooling (%)	38%	42%	41%	35%	23%				
Avg. Cooling Runtime Fraction (-)	0.44	0.44	0.37	0.23	0.19				
Hours with Any Debumid (%)	0.11	0.11	0.07	0.20	0.10				
Average Debumid Runtime Fraction (-)									
Hours with Ean-only (No cool or debumid) (%)	62%	58%	59%	65%	77%				
Average Ean-Only Runtime Fraction (-)	0.29	0.29	0.29	0.30	0.28				
Average Temperature (F)	74.1	74.3	74.6	75.2	75.0				
Apr	14.1	14.0	14.0	10.2	70.0				
Total Hours (%)	100%	100%	98%	53%	7%				
Hours With Any Cooling (%)	69%	69%	68%	60%	27%				
Avg. Cooling Runtime Fraction (-)	0.46	0.46	0.45	0.31	0.16				
Hours with Any Dehumid. (%)									
Average Dehumid, Runtime Fraction (-)									
Hours with Ean-only (No cool or dehumid) (%)	28%	28%	28%	36%	67%				
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28	0.29				
Average Temperature (F)	74.7	74.7	74.7	74.8	74.6				
Mav				-					
Total Hours (%)	100%	99%	78%	23%	3%				
Hours With Any Cooling (%)	79%	80%	80%	74%	60%				
Avg. Cooling Runtime Fraction (-)	0.51	0.51	0.51	0.40	0.13				
Hours with Any Dehumid. (%)									
Average Dehumid, Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)	20%	20%	19%	25%	40%				
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28	0.28				
Average Temperature (F)	76.7	76.8	76.9	77.3	75.6				
Jun									
Total Hours (%)	100%	99%	63%	10%	0%				
Hours With Any Cooling (%)	93%	93%	91%	84%	50%				
Avg. Cooling Runtime Fraction (-)	0.62	0.62	0.58	0.47	0.32				
Hours with Any Dehumid. (%)									
Average Dehumid. Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)	7%	7%	9%	16%	50%				
Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.29	0.28	0.27				
Average Temperature (F)	76.2	76.2	76.4	76.0	75.0				

 Average Temperature (F)
 76.3
 76.4

 Note: Average Runtime Fractions only include periods where the runtime is greater than zero.
 Temperature (F)
 Temperature (F)

Table 42. Site 11 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

tenth Nore S24 Abore S25 Abo	2002		Relative	e Humidity Tl	nreshold		2002	Relative Humidity Threshold		reshold	old	
Jun Set Set <th>Month</th> <th>Above 50%</th> <th>Above 55%</th> <th>Above 60%</th> <th>Above 65%</th> <th>Above 70%</th> <th>Month</th> <th>Above 50%</th> <th>Above 55%</th> <th>Above 60%</th> <th>Above 65%</th> <th>Above 70%</th>	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jahn Total Hours (%) 57% 9%												
Horas With Any Cooling (%) 27% 27% 26% 0% 0% Aug. Conling Rutine Franctiol () 0.8 0.5 0.23 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6	Jan Total Hours (%)	570/	200/	00/	0%	0%	Jul Total Hours (%)	100%	740/	60/	09/	00/
Arg. Cooling Number Praction (> Diff Diff Diff Houss with Argo Dehmid, Ry Control Contro Control Control	Hours With Any Cooling (%)	27%	20%	6%	0%	0%	Hours With Any Cooling (%)	97%	95%	0% 85%	67%	0%
Hours with Any Dehmid, Number Pation () Doil Doil <thdoil< th=""> Doil Doil<td>Avg. Cooling Runtime Eraction (-)</td><td>0.78</td><td>0.55</td><td>0.23</td><td>070</td><td></td><td>Avg. Cooling Runtime Fraction (-</td><td>0.68</td><td>0.67</td><td>0.41</td><td>0.45</td><td></td></thdoil<>	Avg. Cooling Runtime Eraction (-)	0.78	0.55	0.23	070		Avg. Cooling Runtime Fraction (-	0.68	0.67	0.41	0.45	
Average behavinet, Kurdine Franction () Image of the second () Image	Hours with Any Dehumid (%)	0.10	0.00	0.20			Hours with Any Dehumid (%)	0.00	0.01	0.41	0.10	
House with Flan-only (No.co) or dehuming (%) 77%	Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-	Ś				
Average Fair-Only Runtime Fraction (-) 0.22	Hours with Fan-only (No cool or dehumid) (%)	70%	79%	71%	100%		Hours with Fan-only (No cool or dehumid) (%	3%	4%	15%	33%	
Average Temperature (F) 70.8 71.2 71.9 Feb Total Hours (%) 60% 23% 7% 0% 0% Average Temperature (F) 72.4 72.8 72.4 72.8 72.4 72.8 72.4 72.8 72.4 72.4 72.8 72.4 72.8 72.4 72.8 72.4 72.4 72.8 72.8 72.4 72.8 72.8 72.4 72.8 72.8 72.4 72.8 72.4 72.8 72.4 72.8 72.8 72.4 72.8 72.8 72.4 72.8 72.8 72.4 72.8 72.4 72.8 72.4 72.8 72.4 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.7 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.8	Average Fan-Only Runtime Fraction (-)	0.20	0.19	0.17	0.17		Average Fan-Only Runtime Fraction (-	0.27	0.27	0.28	0.27	
Feb Tala Hours (%) 55% 23% 7% 6% 6% Mours With Any Cooling (%) 12% 22% 18% 67% 100% 78% 100% 78% 100% 78% 0 100% 78% 100% 78% 10% 15% 0 0 0 10% 15% 0 0 0 10% 10% 15% 0 0 0 10% 10% 15% 0 0 10% <	Average Temperature (F)	69.9	70.8	71.2	71.9		Average Temperature (F	72.4	72.6	72.8	73.5	
International Hours (%) 56% 23% 7% 0%	Feb			1	-		Aug		-			
Hours With Any Cooling (%) 12% 22% 18% 67% Average Tennschein () 0.35 0.26 0.08 Hours with Any Celumid, (%)	Total Hours (%)	56%	23%	7%	0%	0%	Total Hours (%)) 100%	78%	10%	1%	0%
Avg. Cooling Runtime Fraction () 0.35 0.26 0.12 0.09 Average Dehundi, Runtime Fraction ()	Hours With Any Cooling (%)	12%	22%	18%	67%		Hours With Any Cooling (%)				
Hours with Any Debrunit (S) Image: Second Seco	Avg. Cooling Runtime Fraction (-)	0.35	0.26	0.12	0.09		Avg. Cooling Runtime Fraction (-)				
Average Dehumid: Runtime Fraction ()	Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
House with Fan-orly (No cool or defumid) (%) 78% 28% 33% Average Temperature (F) 0.38 0.35 0.29 0.27 Average Temperature (F) 0.86 68.5 70.4 71.2 Average Temperature (F) 72.2 72.4 72.9 72.7 72.2 Mar Total Hours (%) 0.41% 0.28 0.27% 0.28% 0.7% 0.38 0.35 0.29 0.29 0.29 0.29 0.29 0.29 0.30 0.38 0.35 0.49 0.40 0.42 0.28 0.31 0.36 0.36 0.36 0.38 0.36 0.38 0.36 0.38 0.36 0.38 0.36 0.38 0.36 0.38 0.36 0.38 0.36 0.38 0.36 0.38 0.36 0.38 0.36 0.38 0.38 0.36 0.38 0.36 0.38 0.38 0.38 0.36 0.38 0.38 0.38 0.38 0.38 0.38 0.38 0.38 0.38 0.38 0.38 <td>Average Dehumid. Runtime Fraction (-)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Average Dehumid. Runtime Fraction (-</td> <td>)</td> <td></td> <td></td> <td></td> <td></td>	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Average Fan-Only Runtime Fraction (-) 0.38 0.29 0.27 Mar	Hours with Fan-only (No cool or dehumid) (%)	76%	78%	82%	33%		Hours with Fan-only (No cool or dehumid) (%)				
Average Temperature (P) Res For.4 71.2 Average Temperature (P) 72.2 72.4 72.9 72.7 73.2 Mar Total Hours (%) 80% 65% 33% 8% 0% Ayar, Cooling (Runtime Fraction (c) 0.44 0.42 0.28 0.11 - <td>Average Fan-Only Runtime Fraction (-)</td> <td>0.38</td> <td>0.35</td> <td>0.29</td> <td>0.27</td> <td></td> <td>Average Fan-Only Runtime Fraction (-</td> <td>)</td> <td></td> <td></td> <td></td> <td></td>	Average Fan-Only Runtime Fraction (-)	0.38	0.35	0.29	0.27		Average Fan-Only Runtime Fraction (-)				
Mar	Average Temperature (F)	68.5	69.5	70.4	71.2		Average Temperature (F) 72.2	72.4	72.9	72.7	73.2
Total Hours (%) 80% 63% 33% 8% 0% Ausur with Any Cooling (%) 41% 42% 37% 82% 43% 25% 1% 0% Ayar, Cooling Runtime Fraction (> 0.44 0.42 0.28 0.11	Mar				1		Sep		1			
Hours With Any Cooling (%) 41% 42% 37% 32% Hours With Any Cooling (%)	Total Hours (%)	80%	63%	33%	8%	0%	Total Hours (%)) 100%	88%	25%	1%	0%
Avg. Cooling Runtime Fraction (-) 0.44 0.42 0.26 0.11 Average Delumid. Runtime Fraction (-) - <td>Hours With Any Cooling (%)</td> <td>41%</td> <td>42%</td> <td>37%</td> <td>32%</td> <td></td> <td>Hours With Any Cooling (%)</td> <td>)</td> <td></td> <td></td> <td></td> <td></td>	Hours With Any Cooling (%)	41%	42%	37%	32%		Hours With Any Cooling (%))				
Hours with Any Dehunicl, (%) Image: Constraint of the constret constraint of the constraint of the constret constrai	Avg. Cooling Runtime Fraction (-)	0.44	0.42	0.26	0.11		Avg. Cooling Runtime Fraction (-)				
Average Dehund. Runtime Fraction (*)	Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Hours with Fan-only (No cool or dehumid) (%) 59% 59% 69%	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Average Fan-Only Runtime Fraction (-) 0.29 0.29 0.30 Average Ten-Only Runtime Fraction (-)	Hours with Fan-only (No cool or dehumid) (%)	59%	58%	63%	68%		Hours with Fan-only (No cool or dehumid) (%)				
Average Temperature (F) 69.8 70.6 71.0 71.0 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.4 72.3 72.3 Hours With Any Cooling (%) 69.8 69.8 67.8 38% 0% 69.4 69.7 79.7 72.8 72.4 72.5 72.8 72.0 72.4 72.5 <td>Average Fan-Only Runtime Fraction (-)</td> <td>0.29</td> <td>0.29</td> <td>0.29</td> <td>0.30</td> <td></td> <td>Average Fan-Only Runtime Fraction (-</td> <td>)</td> <td></td> <td></td> <td></td> <td></td>	Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.29	0.30		Average Fan-Only Runtime Fraction (-)				
Apr Total Hours (%) 100% 100% 79% 21% 0% Hours With Any Cooling (%) 69% 69% 67% 38% 0% Age, Cooling Runtime Fraction () 0.46 0.39 0.16 100% 100% 10% 10% Average Dehmid, Runtime Fraction () 0.46 0.28 0.29 0.27 72.3 72.4 72.5 72.8 74.0 Hours with Fan-only (No cool or dehumid) (%) 20% 20% 25% 10% 40erage Fan-Only Runtime Fraction ()	Average Temperature (F)	69.6	69.8	70.6	71.0		Average Temperature (F) 72.3	72.4	72.9	73.9	
Instant Hours (%) 100% 100% 100% 100% 100% 100% 100% 100% 0% Hours With Any Cooling (%) 69% <td>Apr</td> <td>4000/</td> <td>4000/</td> <td>700/</td> <td>040/</td> <td>00/</td> <td>Uct</td> <td>070/</td> <td>000/</td> <td>400/</td> <td>40/</td> <td>00/</td>	Apr	4000/	4000/	700/	040/	00/	Uct	070/	000/	400/	40/	00/
Hours with Any Cooling (%) 69% 69% 67% 33% 0% Ayer Cooling Runtime Fraction () 0.46 0.46 0.39 0.16 0	I otal Hours (%)	100%	100%	79%	21%	0%	I otal Hours (%	97%	89%	43%	1%	0%
Average Dehumid. Runtime Fraction (-) 0.46 0.49 0.40 0.49 0.40 0.	Hours with Any Cooling (%)	69%	69%	6/%	38%	0%	Hours with Any Cooling (%	2				
Hours with Any Definition (%) Image: Control of Contrel Control Of Contrel Control Of Control Of Contro	Avg. Cooling Runtime Flaction (-)	0.40	0.40	0.39	0.16		Avg. Cooling Runtime Fraction (-	<u></u>				
Average Pendulition. Rulinitie Fraction (-) 28% 28% 30% 56% 33% Average Fan-Only Runtime Fraction (-) 0.28 0.28 0.28 0.27 May 71.0 71.1 71.2 71.3 72.1 May	Average Debumid, Buntime Fraction ()						Average Debumid, Buptime Fraction (<u></u>				
Average Fan-Ohy Runtime Fraction (-) 0.28 0.28 0.28 0.27 Average Temperature (F) 71.0 71.1 71.2 71.3 72.1 May	Hours with Eon only (No cool or dobumid) (%)	200/	200/	20%	569/	220/	Hours with Eap only (No cool or dobumid) (%	<u></u>				
Average Temperature (F) 0.20	Average Ean-Only (No cool of dendrind) (70)	0.28	0.28	0.28	0.28	0.27	Average Ean-Only Runtime Fraction (-	<				
May Total Hours (v)		71.0	71 1	71.2	71.3	72.1		72.4	72.5	72.8	74.0	
Total Hours (%) 100% 89% 30% 3% 0% Hours With Any Cooling (%) 79% 75% 65% 0% Hours With Any Cooling (%) <td>May</td> <td>71.0</td> <td>,</td> <td>71.2</td> <td>11.0</td> <td>72.1</td> <td>Nov</td> <td>, , , , , , , , , , , , , , , , , , , ,</td> <td>12.0</td> <td>72.0</td> <td>14.0</td> <td></td>	May	71.0	,	71.2	11.0	72.1	Nov	, , , , , , , , , , , , , , , , , , , ,	12.0	72.0	14.0	
Hours With Any Cooling (%) 79% 79% 75% 65% 0% Avg. Cooling Runtime Fraction (-) 0.51 0.51 0.46 0.16 4000000000000000000000000000000000000	Total Hours (%)	100%	89%	30%	3%	0%	Total Hours (%))		1		
Avg. Cooling Runtime Fraction (-) 0.51 0.25 0.26 0.16 Hours with Any Dehumid. (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) <	Hours With Any Cooling (%)	79%	79%	75%	65%	0%	Hours With Any Cooling (%	<u></u>				
Hours with Any Dehumid. (%) Image: Constraint of the second s	Avg. Cooling Runtime Fraction (-)	0.51	0.51	0.46	0.16	070	Ava. Cooling Runtime Fraction (-	Ś				
Average Dehumid. Runtime Fraction (-) Average Competitive (F)	Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Hours with Fan-only (No cool or dehumid) (%) 20% 24% 35% 100% Average Fan-Only Runtime Fraction (-) 0.28 0.29 0.29 0.27 Average Temperature (F) 72.5 72.7 73.0 72.7 73.3 Jun	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Average Fan-Only Runtime Fraction (-) 0.28 0.28 0.29 0.27 Average Temperature (F) 72.5 72.7 73.0 72.7 73.3 Jun Total Hours (%) 100% 77% 13% Average Temperature (F) Average Temperature (F) Average Temperature (F) 72.5 72.7 73.0 Jun Dec Total Hours (%) 100% 77.1 Average Temperature (F) Dec Average Delumid. Runtime Fraction (-) 0.62 0.27 Average Delumid. Runtime Fraction (-) 0.62 0.28 Average Fan-Only Runtime Fraction (-) Average Delumid. Runtime Fraction (-) Average Delumid. Runtime Fraction (-) Average Delumid. Runtime Fraction (-) Hours with Fan-only Runtime Fraction (-)	Hours with Fan-only (No cool or dehumid) (%)	20%	20%	24%	35%	100%	Hours with Fan-only (No cool or dehumid) (%	Ś				
Average Temperature (F) 72.5 72.7 73.0 72.7 73.3 Jun Total Hours (%) 100% 77% 13% 0%	Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.29	0.29	0.27	Average Fan-Only Runtime Fraction (-	Ó				
Jun Total Hours (%) 100% 77% 13% 0% 0% Hours With Any Cooling (%) 93% 92% 86% 100% Total Hours (%) Image: Cooling Runtime Fraction (·)	Average Temperature (F)	72.5	72.7	73.0	72.7	73.3	Average Temperature (F)				
Total Hours (%) 100% 77% 13% 0% 0% Hours With Any Cooling (%) 93% 92% 86% 100% Hours With Any Cooling (%) 93% 92% 86% 100% Hours With Any Cooling (%) 100% 100% Hours With Any Cooling (%) 100% 100	Jun		•				Dec					
Hours With Any Cooling (%) 93% 92% 86% 100% Avg. Cooling Runtime Fraction (-) 0.62 0.59 0.46 0.32 Hours with Any Dehumid. (%) Avg. Cooling Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) 7% 8% 14% 0% Average Fan-Only Runtime Fraction (-) 0.29 0.29 0.28 Average Temperature (F) 72.2 72.3 72.9 72.5	Total Hours (%)	100%	77%	13%	0%	0%	Total Hours (%)				
Avg. Cooling Runtime Fraction (-) 0.62 0.59 0.46 0.32 Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) <	Hours With Any Cooling (%)	93%	92%	86%	100%		Hours With Any Cooling (%)				
Hours with Any Dehumid. (%)	Avg. Cooling Runtime Fraction (-)	0.62	0.59	0.46	0.32		Avg. Cooling Runtime Fraction (-)				
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) 7% 8% 14% 0% Average Fan-Only Runtime Fraction (-) 0.29 0.29 0.28 Average Fan-Only Runtime Fraction (-) Image: Control of Contr	Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Hours with Fan-only (No cool or dehumid) (%) 7% 8% 14% 0% Hours with Fan-only (No cool or dehumid) (%) Image: Constraint of the state of the	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Average Fan-Only Runtime Fraction (-) 0.29 0.29 0.28 Average Fan-Only Runtime Fraction (-) Image: Composition of the composition of t	Hours with Fan-only (No cool or dehumid) (%)	7%	8%	14%	0%		Hours with Fan-only (No cool or dehumid) (%)				
Average Temperature (F) 72.2 72.3 72.9 72.5 Average Temperature (F) Image: Comparison of the comparison	Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.28			Average Fan-Only Runtime Fraction (-)			-	-
	Average Temperature (F)	72.2	72.3	72.9	72.5		Average Temperature (F)				

Table 43.	Site 12 ·	Indoor RH D	ata by month an	d threshold leve	el for 2001 ((HIGHEST humidity	y in any sp	bace)
10010	0.00	macor mar p	ata sy month an				,,	<i>,</i> acc,

2001		Relative	Humidity T	hreshold	1	2001			Relative Humidity Thre			eshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
Jan						Jul							
Total Hours (%)							Total Hours (%)						
Hours With Any Cooling (%)							Hours With Any Cooling (%)						
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)						
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)						
Average Dehumid. Runtime Fraction (-)						Ave	rage Dehumid. Runtime Fraction (-)						
Hours with Fan-only (No cool or dehumid) (%)						Hours with	n Fan-only (No cool or dehumid) (%)						
Average Fan-Only Runtime Fraction (-)						Ave	erage Fan-Only Runtime Fraction (-)						
Average Temperature (F)	1						Average Temperature (F)						
Feb		1		1		Aug			i		r.	T.	
Total Hours (%)							Total Hours (%)						
Hours With Any Cooling (%)							Hours With Any Cooling (%)						
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)						
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)						
Average Dehumid. Runtime Fraction (-)						Ave	rage Dehumid. Runtime Fraction (-)						
Hours with Fan-only (No cool or dehumid) (%)						Hours with	Fan-only (No cool or dehumid) (%)						
Average Fan-Only Runtime Fraction (-)						AVE	erage Fan-Only Runtime Fraction (-)						
Average Temperature (F)						Son	Average Temperature (F)						
Total Hours (%)				1		Sep	Total Hours (%)	-	1			1	
Hours With Any Cooling (%)							Hours With Any Cooling (%)	-					
Avg. Cooling Runtime Fraction (-)							Ava Cooling Runtime Fraction (-)						
Hours with Any Debumid (%)							Hours with Any Debumid (%)						
Average Dehumid Runtime Eraction (-)						Ave	rage Dehumid Runtime Fraction (-)						
Hours with Fan-only (No cool or dehumid) (%)						Hours with	Ean-only (No cool or dehumid) (%)	-					
Average Fan-Only Runtime Fraction (-)						Ave	erage Fan-Only Runtime Fraction (-)						
Average Temperature (F)							Average Temperature (F)						
Apr		1	1			Oct	(·)				1		
Total Hours (%)							Total Hours (%)	94%	62%	8%	1%	0%	
Hours With Any Cooling (%)							Hours With Any Cooling (%)	57%	73%	66%	67%		
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)	0.47	0.47	0.41	1.00		
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)						
Average Dehumid. Runtime Fraction (-)						Ave	rage Dehumid. Runtime Fraction (-)						
Hours with Fan-only (No cool or dehumid) (%)						Hours with	n Fan-only (No cool or dehumid) (%)	15%	17%	28%	33%		
Average Fan-Only Runtime Fraction (-)						Ave	erage Fan-Only Runtime Fraction (-)	0.35	0.33	0.33	0.27		
Average Temperature (F)							Average Temperature (F)	71.5	70.2	70.1	70.9		
Мау			1	1		Nov							
I otal Hours (%)							I otal Hours (%)	97%	88%	55%	13%	0%	
Hours With Any Cooling (%)					-		Hours With Any Cooling (%)	28%	29%	31%	41%	100%	
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)	0.36	0.34	0.25	0.20	0.12	
Hours with Any Denumid. (%)						A.v.o	Hours with Any Denumid. (%)						
Average Denumid. Runtime Fraction (-)						Ave	Frage Denumid. Runtime Fraction (-)	669/	669/	C 40/	E09/	09/	
Hours with Fan-only (No cool of denumid) (%)						Hours with	Fan-only (No cool of denumid) (%)	0.29	0.26	0.22	59%	0%	
Average Fan-Only Runtime Fraction (-)						AVE	Average Temperature (E)	0.30	0.30	0.33	0.32	72.0	
						Dec	Average Temperature (1)	74.1	74.0	74.5	14.2	13.2	
Total Hours (%)						Dec	Total Hours (%)	75%	51%	29%	10%	0%	
Hours With Any Cooling (%)	l						Hours With Any Cooling (%)	8%	11%	19%	20%	100%	
Avg. Cooling Runtime Fraction (-)					1		Avg. Cooling Runtime Fraction (-)	0.47	0 47	0 45	0.25	0.05	
Hours with Any Dehumid (%)					1		Hours with Any Dehumid (%)	0.41	0.11	0.10	0.20	5.00	
Average Dehumid, Runtime Fraction (-)					1	Ave	rage Dehumid. Runtime Fraction (-)					1	
Hours with Fan-only (No cool or dehumid) (%)						Hours with	Fan-only (No cool or dehumid) (%)	85%	83%	75%	64%	0%	
Average Fan-Only Runtime Fraction (-)						Ave	erage Fan-Only Runtime Fraction (-)	0.46	0.50	0.44	0.41	570	
Average Temperature (F)							Average Temperature (F)	76.1	75.7	75.9	75.2	75.2	

2001		Relative	Humidity Tl	nreshold		2001	Relative Humidity Thr		hreshold		
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70
Jan Total Hours (%)						Jui Total Hours (%)		1		1	1
Hours With Apy Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	<					Avg. Cooling Puntime Eraction (-	<	+		+	-
Hours with Any Doburgid (9/	(Hours with Any Dobumid (%	(+		+	+
Average Debumid, Runtime Fraction (-)						Average Debumid, Puntime Fraction (-	<	+		+	-
Hours with Ean-only (No cool or debumid) (%)	(Hours with Ean-only (No cool or dehumid) (%	(— — — — — — — — — — — — — — — — — — —	+		+	-
Average Fan-Only Runtime Fraction (-)	(Average Ean-Only Runtime Fraction (-	(
							(-
Feb	/				<u> </u>		/	<u> </u>			
Total Hours (%)						Total Hours (%)		1		1	1
Hours With Any Cooling (%)	(Hours With Any Cooling (%)	(
Avg. Cooling Runtime Fraction (-)	5					Avg. Cooling Runtime Fraction (-	5				-
Hours with Any Dehumid (%)	5					Hours with Any Dehumid (%	(
Average Dehumid Runtime Fraction (-)	5					Average Dehumid Runtime Fraction (-	<u></u>	+		1	-
Hours with Ean-only (No cool or dehumid) (%)	Ś					Hours with Ean-only (No cool or dehumid) (%	5				-
Average Fan-Only Runtime Fraction (-	Ś					Average Fan-Only Runtime Fraction (-	5	+			-
Average Temperature (F)						Average Temperature (F		+			-
Mar				I	<u>'</u>	Sep					
Total Hours (%))					Total Hours (%)	1		1	T
Hours With Any Cooling (%)						Hours With Any Cooling (%					-
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-	<u> </u>				-
Hours with Any Dehumid. (%						Hours with Any Dehumid. (%					-
Average Dehumid, Runtime Fraction (-	Ś					Average Dehumid, Runtime Fraction (-	<u> </u>				-
Hours with Fan-only (No cool or dehumid) (%						Hours with Fan-only (No cool or dehumid) (%					-
Average Fan-Only Runtime Fraction (-	j l					Average Fan-Only Runtime Fraction (-					
Average Temperature (F						Average Temperature (F					
Apr					·	Oct		· · · · ·			
Total Hours (%))					Total Hours (%	74%	19%	1%	0%	0°
Hours With Any Cooling (%))					Hours With Any Cooling (%	67%	71%	100%	,	
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	0.48	0.31	1.00	,	
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%) 17%	20%	0%	1	
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-	0.34	0.33			
Average Temperature (F))					Average Temperature (F	69.2	68.7	69.5	,	
Мау						Nov					
Total Hours (%))					Total Hours (%	93%	71%	28%	4%	, O ^c
Hours With Any Cooling (%))					Hours With Any Cooling (%	29%	32%	33%	17%	,
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-	0.36	0.30	0.20	0.14	£
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%	66%	64%	67%	83%	,
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-	0.36	0.34	0.33	0.33	j.
Average Temperature (F))					Average Temperature (F	73.1	73.7	73.6	73.7	<u> </u>
Jun			1			Dec				· · · · · · · · · · · · · · · · · · ·	
Total Hours (%))					Total Hours (%	51%	34%	18%	4%	, 09
Hours With Any Cooling (%))					Hours With Any Cooling (%	11%	16%	26%	17%	,
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-	0.47	0.45	0.44	0.13	i
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)	ļ	L		
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)	ļ'	L	<u> </u>	
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%	85%	79%	63%	. 59%	,
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-	0.52	0.57	0.56	0.31	<u> </u>
Average Temperature (F))					Average Temperature (F	73.1	73.0	73.4	73.3	i l

Table 44. Site 12 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 45. Site 12 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

nidity Th	reshold		2002	Relative Humidity Threshold					
ve 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
			1.1						
11%	3%	0%	Total Hours (%)	96%	62%	33%	20%	5%	
6%	10%	070	Hours With Any Cooling (%)	85%	83%	87%	89%	79%	
0.31	0.13		Avg. Cooling Runtime Fraction (-)	0.55	0.51	0.51	0.51	0.47	
			Hours with Any Dehumid. (%)						
			Average Dehumid. Runtime Fraction (-)						
39%	15%		Hours with Fan-only (No cool or dehumid) (%)	9%	11%	9%	8%	15%	
0.29	0.27		Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.27	0.27	
76.0	76.1		Average Temperature (F)	75.3	75.5	75.4	75.2	74.5	
			Aug						
2%	0%	0%	Total Hours (%)	60%	32%	17%	4%	0%	
0%	0%		Hours With Any Cooling (%)	14%	13%	9%			
			Avg. Cooling Runtime Fraction (-)	0.51	0.42	0.35			
			Hours with Any Dehumid. (%)						
			Average Dehumid. Runtime Fraction (-)						
0%	0%		Hours with Fan-only (No cool or dehumid) (%)	2%	2%	1%			
			Average Fan-Only Runtime Fraction (-)	0.29	0.30	0.27			
73.7	73.8		Average Temperature (F)	76.5	76.3	76.2	76.2	78.7	
			Sep						
34%	16%	1%	Total Hours (%)	73%	35%	16%	3%	0%	
2%	5%	40%	Hours With Any Cooling (%)						
0.48	0.48	0.28	Avg. Cooling Runtime Fraction (-)						
			Hours with Any Dehumid. (%)						
000/	500/	000/	Average Dehumid. Runtime Fraction (-)						
69%	52%	20%	Hours with Fan-only (No cool or dehumid) (%)						
0.28	0.28	0.27	Average Fan-Only Runtime Fraction (-)	75.0	75.0	75.5	75.0		
76.9	77.9	78.2	Average Temperature (F)	/5.6	75.0	75.5	75.3		
85%	52%	2%	Total Hours (%)	82%	44%	11%	1%	0%	
25%	22%	46%	Hours With Any Cooling (%)	0270	70	1170	170	070	
0.54	0.48	0.29	Avg. Cooling Runtime Fraction (-)						
0.01	0.10	0.20	Hours with Any Dehumid (%)						
			Average Dehumid, Runtime Fraction (-)						
12%	18%	38%	Hours with Ean-only (No cool or dehumid) (%)						
0.28	0.28	0.27	Average Fan-Only Runtime Fraction (-)						
77.6	78.3	75.7	Average Temperature (F)	74.9	75.0	75.3	75.0		
			Nov						
50%	21%	4%	Total Hours (%)						
70%	65%	43%	Hours With Any Cooling (%)						
0.43	0.39	0.33	Avg. Cooling Runtime Fraction (-)						
			Hours with Any Dehumid. (%)						
			Average Dehumid. Runtime Fraction (-)						
24%	27%	32%	Hours with Fan-only (No cool or dehumid) (%)						
0.28	0.28	0.26	Average Fan-Only Runtime Fraction (-)						
76.5	76.6	76.1	Average Temperature (F)						
			Dec						
40%	23%	5%	Total Hours (%)						
84%	83%	76%	Hours With Any Cooling (%)						
0.49	0.48	0.33	Avg. Cooling Runtime Fraction (-)						
			Hours with Any Dehumid. (%)						
			Average Dehumid. Runtime Fraction (-)						
6%	6%	13%	Hours with Fan-only (No cool or dehumid) (%)						
0.28	0.28	0.27	Average Fan-Only Runtime Fraction (-)						
76.4	76.3	75.9	Average Temperature (F)						

2002	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
las									
Jan Total Hours (%)	270/	170/	110/	20/	0%				
Hours With Any Cooling (%)	31%	5%	6%	3%	0%				
Avg. Cooling Runtime Fraction (-)	0.57	0.34	0.31	0.13					
Hours with Any Dehumid (%)	0.07	0.01	0.01	0.10					
Average Dehumid. Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)	73%	47%	39%	15%					
Average Fan-Only Runtime Fraction (-)	0.28	0.29	0.29	0.27					
Average Temperature (F)	75.2	76.0	76.0	76.1					
Feb			1						
Total Hours (%)	18%	4%	2%	0%	0%				
Hours With Any Cooling (%)	3%	7%	0%	0%					
Avg. Cooling Runtime Fraction (-)	0.54	0.54							
Hours with Any Dehumid. (%)									
Average Denumid. Runtime Fraction (-)	E00/	220/	09/	00/					
Average Ean-Only (No cool of denumic) (%)	0.43	23%	0%	0%	-				
Average Tan-Only Nultime Traction (-)	74 1	74.2	73.7	73.8					
Mar	74.1	17.2	13.1	73.0					
Total Hours (%)	72%	50%	34%	16%	1%				
Hours With Any Cooling (%)	1%	2%	2%	5%	40%				
Avg. Cooling Runtime Fraction (-)	0.44	0.48	0.48	0.48	0.28				
Hours with Any Dehumid. (%)									
Average Dehumid. Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)	81%	79%	69%	52%	20%				
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28	0.27				
Average Temperature (F)	75.5	76.1	76.9	77.9	78.2				
Apr	100%	00%	959/	E 20/	20/				
Hours With Any Cooling (%)	100%	90%	00%	32%	2%				
Ava Cooling Runtime Fraction (-)	0.55	25%	25%	0.48	40%				
Hours with Any Dehumid (%)	0.00	0.00	0.01	0.10	0.20				
Average Dehumid, Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)	10%	11%	12%	18%	38%				
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28	0.27				
Average Temperature (F)	77.0	77.5	77.6	78.3	75.7				
Мау									
Total Hours (%)	100%	90%	50%	21%	4%				
Hours With Any Cooling (%)	70%	69%	70%	65%	43%				
Avg. Cooling Runtime Fraction (-)	0.47	0.45	0.43	0.39	0.33				
Hours with Any Dehumid. (%)	-				-				
Average Denumid. Runtime Fraction (-)	050/	000/	0.40/	070/	200/				
Hours with Fan-only (No cool of denumid) (%)	25%	26%	24%	21%	32%				
Average Fail-Only Runtime Flaction (-)	0.20	76.2	76.5	0.26	76.1				
Jun	70.1	10.2	10.5	70.0	70.1				
Total Hours (%)	99%	73%	40%	23%	5%				
Hours With Any Cooling (%)	85%	83%	84%	83%	76%				
Avg. Cooling Runtime Fraction (-)	0.54	0.49	0.49	0.48	0.33				
Hours with Any Dehumid. (%)		-							
Average Dehumid. Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)	6%	6%	6%	6%	13%				
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28	0.27				
Average Temperature (F)	76.3	76.4	76.4	76.3	75.9				

Table 46. Site 12 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002		Relative	Humidity T	hreshold		2002	Relative Humidity Threshold		reshold	d	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan Total Hours (%)	22%	1./0/	6%	0%	0%	Jui Total Hours	(%) 860	/ 30%	0%	0%	0%
Hours With Any Cooling (%)	7%	5%	4%	078	078	Hours With Any Cooling	(%) 87%	6 39%	88%	0%	070
Avg. Cooling Runtime Fraction (-)	0.57	0.31	0.04			Avg. Cooling Runtime Fraction	n (-) 05	5 0.47	0.50	070	
Hours with Any Debumid (%)	0.01	0.01	0.01			Hours with Any Debumid	(%)	0.11	0.00		
Average Dehumid Runtime Fraction (-)	-					Average Debumid Runtime Fraction	n (-)				
Hours with Fan-only (No cool or dehumid) (%)	56%	51%	52%			Hours with Fan-only (No cool or dehumid	(%) 10%	6 8%	7%	100%	
Average Fan-Only Runtime Fraction (-)	0.28	0.29	0.28			Average Fan-Only Runtime Fraction	n (-) 0.2	8 0.27	0.28	0.27	
Average Temperature (F)	74.5	75.0	75.5			Average Temperatur	(F) 74.	4 74.6	74.5	74.7	
Feb					1	Aug					I
Total Hours (%)	5%	2%	0%	0%	0%	Total Hours	(%) 29%	6 3%	0%	0%	0%
Hours With Any Cooling (%)	0%	0%				Hours With Any Cooling	(%) 119	6			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	n (-) 0.3	9			
Hours with Any Dehumid. (%)						Hours with Any Dehumid	(%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	n (-)				
Hours with Fan-only (No cool or dehumid) (%)	35%	0%				Hours with Fan-only (No cool or dehumid	(%) 2%	6			
Average Fan-Only Runtime Fraction (-)	0.34					Average Fan-Only Runtime Fraction	n (-) 0.2	9			
Average Temperature (F)	72.9	72.7				Average Temperatur	e (F) 75.	0 74.9)		
Mar		•				Sep				•	
Total Hours (%)	54%	40%	23%	2%	0%	Total Hours	(%) 45%	6 8%	0%	0%	0%
Hours With Any Cooling (%)	1%	2%	3%	0%		Hours With Any Cooling	(%)				
Avg. Cooling Runtime Fraction (-)	0.48	0.48	0.49			Avg. Cooling Runtime Fraction	n (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid	(%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	n (-)				
Hours with Fan-only (No cool or dehumid) (%)	80%	74%	61%	60%		Hours with Fan-only (No cool or dehumid	(%)				
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28		Average Fan-Only Runtime Fraction	n (-)				
Average Temperature (F)	74.4	75.0	75.7	76.9		Average Temperatur	e (F) 74.	6 75.2	2		
Apr						Oct					
Total Hours (%)	92%	87%	72%	11%	0%	Total Hours	(%) 60%	6 15%	0%	0%	0%
Hours With Any Cooling (%)	24%	25%	18%	7%		Hours With Any Cooling	(%)				
Avg. Cooling Runtime Fraction (-)	0.55	0.55	0.38	0.24		Avg. Cooling Runtime Fraction	n (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid	(%)				
Average Dehumid. Runtime Fraction (-)		1001		100/		Average Dehumid. Runtime Fraction	n (-)				
Hours with Fan-only (No cool or dehumid) (%)	11%	12%	14%	43%		Hours with Fan-only (No cool or dehumid	(%)				
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28		Average Fan-Only Runtime Fractio	n (-)	4 744	74.4		
Average Temperature (F)	76.0	76.2	76.5	//.5	1	Average Temperatur	P(F) 74.	1 74.1	74.4		
Total Hours (%)	0.0%	70%	210/	20/	0%	NOV Total Hours	(9/)				
Hours With Apy Cooling (%)	99% 70%	60%	2170	270	0%	Hours With Any Cooling	(70)				
Avg. Cooling Puntime Eraction (-)	0.47	0.44	03/	29%		Avg. Cooling Puptime Eractiv	(70) n (-)				
Hours with Any Debumid (%)	0.47	0.44	0.34	0.21		Hours with Any Debumid	(%)				
Average Debumid, Runtime Fraction (-)						Average Debumid, Runtime Fractic	(<i>/</i> 0)				
Hours with Ean-only (No cool or debumid) (%)	25%	26%	21%	13%		Hours with Ean-only (No cool or debumid	(%)				
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.28		Average Fan-Only Runtime Fraction	(<i>7</i> 0)				
Average Temperature (F)	74.5	74 7	75.7	75.8		Average 1 an Only Runnine 1 factor	(F)				
Jun	14.0	74.7	10.1	70.0	·	Dec	, (1)				
Total Hours (%)	93%	40%	3%	0%	0%	Total Hours	(%)				
Hours With Any Cooling (%)	85%	80%	71%			Hours With Any Cooling	(%)				
Avg. Cooling Runtime Fraction (-)	0.53	0.47	0.43	1	1	Avg. Cooling Runtime Fractio	n (-)		1		
Hours with Any Dehumid. (%)	2100	5	5.10			Hours with Any Dehumid	(%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	n (-)				
Hours with Fan-only (No cool or dehumid) (%)	6%	7%	0%	1		Hours with Fan-only (No cool or dehumid	(%)				
Average Fan-Only Runtime Fraction (-)	0.28	0.28	570	1		Average Fan-Only Runtime Fraction	n (-)				
Average Temperature (F)	74.7	75.0	76.6			Average Temperatur	e (F)				
······································					• • • • •	.					•

Table 47. Site 13 - Indoor RH Data by month and threshold level for 2001, 2002 (HIGHEST humidity in any space)

2001, 2002	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
lan									
Total Hours (%) 41%	22%	15%	6%	3%				
Hours With Any Cooling (%	24%	38%	31%	41%	43%				
Avg. Cooling Runtime Fraction (-	0.37	0.35	0.25	0.23	0.29				
Hours with Any Dehumid. (%)			0.20	0.20				
Average Dehumid, Runtime Fraction (-	ý –								
Hours with Fan-only (No cool or dehumid) (%	76%	62%	69%	59%	57%				
Average Fan-Only Runtime Fraction (-	0.59	0.52	0.52	0.28	0.23				
Average Temperature (F	, 74.8	75.0	75.1	75.1	75.8				
Feb	,				·				
Total Hours (%) 38%	19%	8%	6%	4%				
Hours With Any Cooling (%) 3%	3%	4%	3%	4%				
Avg. Cooling Runtime Fraction (-	0.39	0.22	0.28	0.40	0.40				
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%) 96%	97%	96%	97%	96%				
Average Fan-Only Runtime Fraction (-) 0.39	0.42	0.30	0.29	0.28				
Average Temperature (F) 74.6	75.1	75.7	76.4	76.9				
Mar									
Total Hours (%) 65%	46%	25%	6%	0%				
Hours With Any Cooling (%) 36%	39%	35%	27%					
Avg. Cooling Runtime Fraction (-) 0.44	0.40	0.28	0.22					
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%) 63%	59%	65%	73%					
Average Fan-Only Runtime Fraction (-) 0.41	0.41	0.46	0.30					
Average Temperature (F) 74.3	74.1	74.3	73.9					
Apr		1	1						
Total Hours (%) 100%	92%	56%	18%	1%				
Hours With Any Cooling (%) 63%	65%	60%	45%	22%				
Avg. Cooling Runtime Fraction (-) 0.45	0.44	0.31	0.19	0.23				
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%) 33%	32%	38%	54%	78%				
Average Fan-Only Runtime Fraction (-) 0.44	0.43	0.36	0.28	0.27				
Average Temperature (F) 73.9	74.0	73.9	73.9	73.8				
May	1000/	700/	000/	20/	00/				
	100%	12%	23%	3%	0%				
Hours with Any Cooling (%	0.49	81%	0.9%	0.04					
Avg. Cooling Runtime Fraction (-	0.48	0.46	0.34	0.24					
Average Debumid Puptime Fraction (<u></u>								
Hours with Ean-only (No cool or debumid) (%	160/	100/	200/	350/	<u> </u>				
Average Ean-Only Runtime Fraction /		0.28	29%	0.28	<u> </u>				
Average i an-Only Runnie Fraction (- Average Temperature (F	0.20	0.20	73.6	74.3	<u> </u>				
	, 13.1	73.0	13.0	74.5					
Total Hours (%	100%	57%	12%	0%	0%				
Hours With Any Cooling (%	07%	06%	030/	078	078				
Ava Cooling Runtime Fraction (-	0.54	0.46	0.31						
Hours with Any Debumid (%	0.54	0.40	0.31						
Average Dehumid Runtime Fraction (.	<u> </u>								
Hours with Ean-only (No cool or dehumid) (%	/		70/						
) 20/	/0/	/0/						
Average Fan-Only Runtime Fraction (-) 3%	4%	/% 0.20						

2001, 2002		Relative	Relative Humidity Threshold				
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
b.d							
Jui Total Hours (%)	100%	68%	10%	0%	0%		
Hours With Any Cooling (%)	99%	98%	97%	50%	070		
Avg. Cooling Runtime Fraction (-)	0.58	0.55	0.40	0.37			
Hours with Any Debumid (%)	0.50	0.00	0.40	0.57			
Average Debumid Runtime Fraction (-)							
Hours with Ean-only (No cool or dehumid) (%)	1%	2%	3%	50%			
Average Ean-Only Runtime Fraction (-)	0.27	0.27	0.27	0.27			
Average Temperature (F)	74.6	74.7	74.2	74.2			
Aug	74.0	74.7	74.2	74.2			
Total Hours (%)	100%	65%	17%	1%	0%		
Hours With Any Cooling (%)	97%	96%	95%	100%			
Ava. Cooling Runtime Fraction (-)	0.58	0.52	0.41	0.43			
Hours with Any Dehumid. (%)							
Average Dehumid. Runtime Fraction (-)							
Hours with Fan-only (No cool or dehumid) (%)	3%	4%	5%	0%			
Average Fan-Only Runtime Fraction (-)	0.29	0.29	0.28				
Average Temperature (F)	74.7	74.8	74.4	74.9			
Sep							
Total Hours (%)	100%	71%	20%	2%	0%		
Hours With Any Cooling (%)	93%	90%	77%	82%			
Avg. Cooling Runtime Fraction (-)	0.48	0.45	0.29	0.22			
Hours with Any Dehumid. (%)							
Average Dehumid. Runtime Fraction (-)							
Hours with Fan-only (No cool or dehumid) (%)	7%	9%	23%	18%			
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.27			
Average Temperature (F)	74.4	74.4	74.2	75.0			
Oct							
Total Hours (%)	97%	74%	38%	6%	1%		
Hours With Any Cooling (%)	69%	72%	75%	96%	100%		
Avg. Cooling Runtime Fraction (-)	0.46	0.44	0.38	0.45	0.64		
Hours with Any Dehumid. (%)							
Average Dehumid. Runtime Fraction (-)							
Hours with Fan-only (No cool or dehumid) (%)	31%	28%	25%	4%	0%		
Average Fan-Only Runtime Fraction (-)	0.46	0.48	0.54	0.33			
Average Temperature (F)	74.1	74.2	74.3	74.5	73.7		
Nov							
Total Hours (%)	90%	77%	39%	4%	0%		
Hours With Any Cooling (%)	41%	41%	37%	55%			
Avg. Cooling Runtime Fraction (-)	0.35	0.34	0.30	0.35			
Hours with Any Dehumid. (%)							
Average Dehumid. Runtime Fraction (-)							
Hours with Fan-only (No cool or dehumid) (%)	59%	59%	63%	45%			
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33			
Average Temperature (F)	74.1	74.3	74.4	74.3			
	600/	4.40/	2004	100/	40/		
I otal Hours (%)	68%	44%	26%	10%	1%		
Hours With Any Cooling (%)	16%	23%	30%	39%	25%		
Avg. Cooling Runtime Fraction (-)	0.39	0.38	0.34	0.31	0.30		
Hours with Any Dehumid. (%)							
Average Denumid. Runtime Fraction (-)	0.49/	700/	000/	0404	750/		
Hours with Fan-only (No cool or dehumid) (%)	84%	/6%	69%	61%	/5%		
Average Fan-Only Runtime Fraction (-)	0.36	0.36	0.36	0.34	0.29		
Average Temperature (F)	74.3	74.5	74.9	75.2	76.3		

Table 48. Site 13 - Indoor RH Data by month and threshold level for 2001, 2002 (AVERAGE of all spaces)

2001, 2002		Relative	Humidity Thre	shold		2001, 2002	Relative Humidity Threshold		reshold		
Month	Above 50%	Above 55%	Above 60% A	bove 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan Total Hours (%)	33%	16%	9%	2%	0%	Total Hours (%)	100%	27%	1%	0%	0%
Hours With Any Cooling (%)	29%	43%	41%	59%	100%	Hours With Any Cooling (%	99%	97%	75%	070	070
Avg. Cooling Runtime Fraction (-)	0.37	0.32	0.24	0.23	0.36	Avg. Cooling Runtime Fraction (-	0.58	0.46	0.45		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	71%	57%	59%	41%	0%	Hours with Fan-only (No cool or dehumid) (%	1%	3%	25%		
Average Fan-Only Runtime Fraction (-)	0.60	0.56	0.52	0.28		Average Fan-Only Runtime Fraction (-	0.27	0.27	0.27		
Average Temperature (F)	74.0	74.1	74.1	73.8	74.5	Average Temperature (F	73.5	73.5	73.2		
Feb						Aug					
Total Hours (%)	19%	5%	1%	0%	0%	Total Hours (%	99%	35%	3%	0%	0%
Hours With Any Cooling (%)	4%	6%	0%			Hours With Any Cooling (%	97%	94%	92%		
Avg. Cooling Runtime Fraction (-)	0.26	0.28				Avg. Cooling Runtime Fraction (-	0.57	0.46	0.49		
Hours with Any Denumid. (%)						Hours with Any Denumid. (%	2				
Average Denumid. Runtime Fraction (-)	069/	0.49/	100%			Average Denumid. Runtime Fraction (-	20/	60/	00/		
Average Ean-Only (No cool of denumid) (%)	90%	94%	0.56			Average Eap-Only Runtime Fraction (~	0.20	0%	0%		
	73.8	74.5	74.7				73.6	73.7	73.6		
Mar	10.0	74.5	14.1			Sen	10.0	10.1	10.0		
Total Hours (%)	55%	33%	9%	0%	0%	Total Hours (%	99%	47%	5%	0%	0%
Hours With Any Cooling (%)	38%	40%	29%			Hours With Any Cooling (%	93%	87%	83%	100%	
Avg. Cooling Runtime Fraction (-)	0.43	0.33	0.22			Avg. Cooling Runtime Fraction (-	0.48	0.38	0.29	0.30	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	61%	60%	71%			Hours with Fan-only (No cool or dehumid) (%	7%	12%	17%	0%	
Average Fan-Only Runtime Fraction (-)	0.43	0.43	0.34			Average Fan-Only Runtime Fraction (-	0.28	0.28	0.27		
Average Temperature (F)	73.2	73.2	72.9			Average Temperature (F	73.5	73.6	73.6	76.3	
Apr						Oct					
Total Hours (%)	99%	80%	32%	1%	0%	Total Hours (%	95%	56%	20%	2%	0%
Hours With Any Cooling (%)	63%	66%	49%	25%		Hours With Any Cooling (%)	70%	/3%	/8%	90%	100%
Avg. Cooling Runtime Fraction (-)	0.45	0.40	0.23	0.23		Avg. Cooling Runtime Fraction (-	0.46	0.42	0.42	0.68	0.49
Average Debumid Runtime Fraction (-)						Average Dehumid, Runtime Fraction (~	<u></u>				
Hours with Ean-only (No cool or debumid) (%)	33%	31%	17%	75%		Hours with Ean-only (No cool or debumid) (%	30%	27%	22%	10%	0%
Average Fan-Only Runtime Fraction (-)	0.44	0.38	0.30	0.27		Average Ean-Only Runtime Fraction (-	0.47	0.51	0.50	0.33	070
Average Temperature (F)	72.8	72.9	72.9	73.3		Average Temperature (F	73.4	73.5	73.6	73.1	72.5
May						Nov					
Total Hours (%)	98%	48%	7%	0%	0%	Total Hours (%)	90%	64%	21%	0%	0%
Hours With Any Cooling (%)	84%	78%	74%			Hours With Any Cooling (%	41%	39%	40%	67%	
Avg. Cooling Runtime Fraction (-)	0.48	0.41	0.29			Avg. Cooling Runtime Fraction (-	0.35	0.32	0.30	0.24	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	16%	21%	26%			Hours with Fan-only (No cool or dehumid) (%	59%	61%	60%	33%	
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28			Average Fan-Only Runtime Fraction (-	0.33	0.33	0.33	0.33	
Average Temperature (F)	72.8	72.8	72.9			Average Temperature (F	73.4	73.8	73.9	74.7	
Jun Total Hours (%)	0.49/	220/	20/	0%	0%	Dec	56%	220/	10%	10/	09/
Hours With Apy Cooling (%)	94%	32%	2%	0%	0%	Hours With Any Cooling (%)	10%	33%	19%	4%	0%
Ava Cooling Runtime Fraction (-)	97%	94%	0.33			Ava, Cooling Runtime Fraction (-	0.39	0.37	0.34	43%	
Hours with Any Dehumid (%)	0.00	0.41	0.00			Hours with Any Dehumid (%	0.39	0.07	0.04	0.51	
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-					
Hours with Fan-only (No cool or dehumid) (%)	3%	6%	0%			Hours with Fan-only (No cool or dehumid) (%	81%	70%	65%	55%	
Average Fan-Only Runtime Fraction (-)	0.27	0.28				Average Fan-Only Runtime Fraction (-	0.35	0.38	0.34	0.40	
Average Temperature (F)	73.0	73.1	73.2			Average Temperature (F	73.7	74.1	74.4	74.7	
Nata: Average Doubling Frankland and include and	والالمعام والمراجع والمراج	- muntine - in m									

Table 49. Site 14 - Indoor RH Data by month and threshold level for 2001, 2002 (HIGHEST humidity in any space)

2001, 2002	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul								
Total Hours (%)	100%	66%	5%	0%	0%			
Hours With Any Cooling (%)	39%	52%	79%					
Avg. Cooling Runtime Fraction (-)	0.65	0.69	0.80					
Hours with Any Dehumid. (%)	93%	92%	97%					
Average Dehumid. Runtime Fraction (-)	0.80	0.87	0.97					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%					
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)	73.8	74.1	74.7					
Aug								
Total Hours (%)								
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)								
Sep			1	1	1			
Total Hours (%)								
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Denumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or denumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)	ł							
Total Hours (%)	86%	86%	57%	0%	0%			
Hours With Any Cooling (%)	17%	17%	25%	070	0,1			
Avg. Cooling Runtime Fraction (-)	0.16	0.16	0.16					
Hours with Any Dehumid (%)	17%	17%	25%					
Average Dehumid, Runtime Fraction (-)	0.19	0.19	0.19					
Hours with Fan-only (No cool or dehumid) (%)	67%	67%	75%					
Average Fan-Only Runtime Fraction (-)	0.34	0.34	0.34					
Average Temperature (F)	74.4	74.4	74.5					
Nov	1							
Total Hours (%)	96%	87%	47%	5%	0%			
Hours With Any Cooling (%)	57%	62%	79%	89%	0%			
Avg. Cooling Runtime Fraction (-)	0.26	0.26	0.25	0.14				
Hours with Any Dehumid. (%)	60%	64%	79%	89%	0%			
Average Dehumid. Runtime Fraction (-)	0.30	0.29	0.25	0.14				
Hours with Fan-only (No cool or dehumid) (%)	40%	36%	21%	11%	100%			
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	0.33			
Average Temperature (F)	71.4	71.5	71.1	70.0	76.6			
Dec								
Total Hours (%)	81%	72%	49%	17%	3%			
Hours With Any Cooling (%)	33%	37%	52%	52%	5%			
Avg. Cooling Runtime Fraction (-)	0.24	0.24	0.24	0.17	0.2			
Hours with Any Dehumid. (%)	33%	37%	53%	52%	5%			
Average Dehumid. Runtime Fraction (-)	0.26	0.26	0.24	0.18	0.2			
Hours with Fan-only (No cool or dehumid) (%)	67%	63%	47%	48%	95%			
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.34	0.3			
Average Temperature (F)	69.1	69.1	69.3	69.6	71.			

2001, 2002	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
lan									
Total Hours (%)	62%	42%	20%	10%	0%				
Hours With Any Cooling (%)	26%	38%	77%	88%	100%				
Avg. Cooling Runtime Fraction (-)	0.28	0.28	0.27	0.26	0.28				
Hours with Any Dehumid. (%)	26%	38%	77%	88%	100%				
Average Dehumid. Runtime Fraction (-)	0.28	0.28	0.28	0.26	0.28				
Hours with Fan-only (No cool or dehumid) (%)	74%	62%	22%	11%	0%				
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.34	0.34					
Average Temperature (F)	70.0	70.3	70.3	69.8	70.1				
Feb									
Total Hours (%)	39%	20%	5%	0%	0%				
Hours With Any Cooling (%)	6%	8%	14%	50%					
Avg. Cooling Runtime Fraction (-)	0.16	0.14	0.13	0.09					
Hours with Any Denumid. (%)	17%	18%	14%	50%					
Average Denumid. Runtime Fraction (-)	0.43	0.36	0.13	0.09					
Average Eap Only Puntime Fraction ()	0.3%	02%	00%	50%					
Average Fail-Only Runtime Flaction (-)	0.33	70.4	71.2	70.7					
Average remperature (F)	09.0	70.4	71.2	70.7					
Total Hours (%)	70%	58%	42%	12%	1%				
Hours With Any Cooling (%)	55%	66%	83%	93%	100%				
Avg. Cooling Runtime Fraction (-)	0.27	0.27	0.26	0.24	0.13				
Hours with Any Dehumid. (%)	56%	67%	83%	93%	100%				
Average Dehumid. Runtime Fraction (-)	0.28	0.28	0.27	0.25	0.13				
Hours with Fan-only (No cool or dehumid) (%)	44%	33%	17%	7%	0%				
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33					
Average Temperature (F)	70.1	70.1	70.0	69.7	69.7				
Apr		1	1		r.				
Total Hours (%)	100%	100%	88%	29%	0%				
Hours With Any Cooling (%)	83%	84%	91%	95%	100%				
Avg. Cooling Runtime Fraction (-)	0.36	0.36	0.35	0.30	0.19				
Hours with Any Dehumid. (%)	83%	84%	91%	95%	100%				
Average Denumid. Runtime Fraction (-)	0.37	0.37	0.36	0.30	0.20				
Hours with Fan-only (No cool or denumid) (%)	13%	13%	5%	0%	0%				
Average Fan-Only Runtime Fraction (-)	0.33	0.33	71.1	0.34	71.1				
Average Temperature (F)	71.0	71.0	71.1	71.1	71.1				
Total Hours (%)	100%	87%	36%	3%	0%				
Hours With Any Cooling (%)	64%	69%	94%	100%	0,0				
Avg. Cooling Runtime Fraction (-)	0.41	0.42	0.45	0.36					
Hours with Any Dehumid. (%)	91%	91%	98%	100%					
Average Dehumid. Runtime Fraction (-)	0.59	0.60	0.53	0.37					
Hours with Fan-only (No cool or dehumid) (%)	9%	9%	2%	0%					
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33						
Average Temperature (F)	72.8	72.8	72.5	71.7					
Jun									
Total Hours (%)	100%	75%	4%	0%	0%				
Hours With Any Cooling (%)	42%	47%	67%						
Avg. Cooling Runtime Fraction (-)	0.58	0.60	0.53						
Hours with Any Dehumid. (%)	100%	100%	100%						
Average Dehumid. Runtime Fraction (-)	0.74	0.74	0.83						
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%						
	0.34	0.34	744						
	1 /2 6	121	// 1						

 Average Temperature (F)
 73.5
 73.7
 74.1

 Note: Average Runtime Fractions only include periods where the runtime is greater than zero.
 The second secon

Table 50. Site 14 - Indoor RH Data by month and threshold level for 2001, 2002 (AVERAGE of all spaces)

2001, 2002		Relative	Humidity Th	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
Total Hours (%)	82%	6%	0%	0%	0%
Hours With Any Cooling (%)	45%	69%			
Avg. Cooling Runtime Fraction (-)	0.67	0.77			
Hours with Any Dehumid. (%)	92%	97%			
Average Dehumid. Runtime Fraction (-)	0.82	0.93			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.0	72.4			
Aug					
Total Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
Sep					
I otal Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Average Debumid, Buptime Fraction ()					
Hours with Ean only (No cool or dobumid) (%)					
Average Eap-Only Ruptime Eraction (-)					
Average Fair-Only Runtime Flaction (-)					
Oct					
Total Hours (%)	86%	86%	0%	0%	0%
Hours With Any Cooling (%)	17%	17%			
Avg. Cooling Runtime Fraction (-)	0.16	0.16			
Hours with Any Dehumid. (%)	17%	17%			
Average Dehumid. Runtime Fraction (-)	0.19	0.19			
Hours with Fan-only (No cool or dehumid) (%)	67%	67%			
Average Fan-Only Runtime Fraction (-)	0.34	0.34			
Average Temperature (F)	73.6	73.6			
Nov		= 10/	0.50/	10/	
I otal Hours (%)	92%	74%	25%	1%	0%
Hours With Any Cooling (%)	60%	/1%	85%	80%	
Avg. Cooling Runtime Fraction (-)	0.26	0.26	0.21	0.12	
Average Debumid, Buptime Fraction ()	0.20	12%	0.22	00%	
Hours with Ean only (No cool or dobumid) (%)	0.30	0.20	15%	20%	
Average Eap-Only Ruptime Eraction (-)	0.33	20%	0.33	20%	
Average Temperature (F)	70.4	70.5	69.6	70.4	
Dec		1010	0010		
Total Hours (%)	73%	59%	34%	7%	2%
Hours With Any Cooling (%)	36%	43%	69%	39%	0%
Avg. Cooling Runtime Fraction (-)	0.24	0.24	0.23	0.12	
Hours with Any Dehumid. (%)	37%	43%	69%	39%	0%
Average Dehumid. Runtime Fraction (-)	0.26	0.25	0.23	0.12	
Hours with Fan-only (No cool or dehumid) (%)	63%	57%	31%	61%	100%
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.34	0.34
Average Temperature (F)	68.3	68.3	68.7	70.0	72.1

2001, 2002		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lan					
Jan Total Hours (%)	50%	28%	16%	1%	0%
Hours With Any Cooling (%)	32%	57%	90%	94%	078
Avg. Cooling Runtime Fraction (-)	0.28	0.28	0.27	0.22	
Hours with Any Dehumid. (%)	32%	57%	90%	94%	
Average Dehumid. Runtime Fraction (-)	0.28	0.28	0.27	0.22	
Hours with Fan-only (No cool or dehumid) (%)	68%	43%	9%	6%	
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.34	0.34	
Average Temperature (F)	69.3	69.4	68.9	68.6	
Feb					
Total Hours (%)	25%	7%	1%	0%	0%
Hours With Any Cooling (%)	8%	16%	0%		
Avg. Cooling Runtime Fraction (-)	0.16	0.13			
Hours with Any Dehumid. (%)	20%	16%	0%		
Average Dehumid. Runtime Fraction (-)	0.38	0.18			
Hours with Fan-only (No cool or dehumid) (%)	80%	84%	100%		
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.34		
Average Temperature (F)	69.4	70.7	71.9		
Mar					
Total Hours (%)	65%	49%	33%	3%	0%
Hours With Any Cooling (%)	59%	78%	89%	96%	
Avg. Cooling Runtime Fraction (-)	0.27	0.27	0.26	0.14	
Hours with Any Dehumid. (%)	60%	78%	89%	96%	
Average Dehumid. Runtime Fraction (-)	0.28	0.28	0.26	0.14	
Hours with Fan-only (No cool or dehumid) (%)	40%	21%	10%	4%	
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	
Average Temperature (F)	09.3	69.1	00.0	00.3	
Total Hours (%)	100%	96%	57%	5%	0%
Hours With Any Cooling (%)	83%	30%	90%	97%	078
Ava Cooling Runtime Fraction (-)	0.36	0.36	0.27	0.21	
Hours with Any Dehumid (%)	83%	87%	90%	97%	
Average Dehumid Runtime Fraction (-)	0.37	0.37	0.27	0.21	
Hours with Ean-only (No cool or dehumid) (%)	13%	10%	7%	3%	
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.34	0.34	
Average Temperature (F)	69.9	69.9	69.7	69.8	
May					
Total Hours (%)	96%	47%	6%	0%	0%
Hours With Any Cooling (%)	66%	86%	100%		
Avg. Cooling Runtime Fraction (-)	0.41	0.44	0.37		
Hours with Any Dehumid. (%)	91%	93%	100%		
Average Dehumid. Runtime Fraction (-)	0.59	0.55	0.37		
Hours with Fan-only (No cool or dehumid) (%)	9%	7%	0%		
Average Fan-Only Runtime Fraction (-)	0.33	0.33			
Average Temperature (F)	71.2	71.0	70.4		
Jun		1	1	1	1
Total Hours (%)	90%	8%	0%	0%	0%
Hours With Any Cooling (%)	44%	46%			
Avg. Cooling Runtime Fraction (-)	0.58	0.43			
Hours with Any Dehumid. (%)	100%	100%			
Average Dehumid. Runtime Fraction (-)	0.73	0.68			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)	0.34	70.4			
Average Lemperature (E)	1 /19	/21	1	1	1

Table 51.	Site 15 -	Indoor RH	Data by mon	th and thres	nold level for	· 2001 (H	HIGHEST h	umiditv in anv	space)

2001		Relative	Humidity Th	reshold		2001		Relative	e Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul	070/	100/	00/	00/	00/
I otal Hours (%)						I otal Hours (%)	97%	40%	2%	0%	0%
Hours With Any Cooling (%)						Hours with Any Cooling (%)	97%	98%	100%		
Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runume Fraction (-)	0.77	0.77	0.00		
Average Debumid, Buntime Erection ()						Average Debumid, Buntime Fraction ()					
Hours with Ean-only (No cool or debumid) (%)	-					Hours with Ean-only (No cool or dehumid) (%)	1%	1%	0%		
Average Fan-Only Runtime Fraction (-)						Average Eap-Only Runtime Fraction (-)	0.34	0.33	0%		
							75.2	75.5	75.1		
Feb							10.2	10.0	75.1		
Total Hours (%)	100%	99%	95%	68%	18%	Total Hours (%)	94%	40%	2%	0%	0%
Hours With Any Cooling (%)	10070	0070	0070	0070	.070	Hours With Any Cooling (%)	97%	95%	100%	100%	100%
Avg. Cooling Runtime Fraction (-)						Ava, Cooling Runtime Fraction (-)	0.66	0.72	0.82	1.00	1.00
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	3%	5%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.33	0.33			
Average Temperature (F)	70.8	70.8	70.9	73.1	74.0	Average Temperature (F)	74.5	74.7	74.8	78.0	78.7
Mar						Sep					
Total Hours (%)	100%	97%	79%	43%	2%	Total Hours (%)	96%	36%	1%	0%	0%
Hours With Any Cooling (%)	5%	3%	2%	0%	0%	Hours With Any Cooling (%)	87%	89%	100%		
Avg. Cooling Runtime Fraction (-)	0.59	0.41	0.22	0.01		Avg. Cooling Runtime Fraction (-)	0.48	0.39	0.37		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	24%	25%	22%	5%	6%	Hours with Fan-only (No cool or dehumid) (%)	13%	11%	0%		
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	0.32	Average Fan-Only Runtime Fraction (-)	0.32	0.33			
Average Temperature (F)	68.3	68.2	68.5	69.0	72.2	Average Temperature (F)	74.5	74.2	74.3		
Apr						Oct		1	1		
Total Hours (%)	77%	65%	54%	25%	2%	Total Hours (%)	84%	31%	2%	0%	0%
Hours With Any Cooling (%)	67%	67%	68%	55%	36%	Hours With Any Cooling (%)	65%	63%	92%		
Avg. Cooling Runtime Fraction (-)	0.61	0.57	0.52	0.32	0.30	Avg. Cooling Runtime Fraction (-)	0.38	0.39	0.49		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	-				
Average Denumid. Runtime Fraction (-)	000/	000/	000/	4.40/	0.49/	Average Denumid. Runtime Fraction (-)	0504	070/	00/		
Hours with Fan-only (No cool or denumid) (%)	30%	33%	32%	44%	64%	Hours with Fan-only (No cool or denumid) (%)	35%	37%	8%		
Average Fan-Only Runtime Fraction (-)	0.40	0.41	0.41	0.34	0.24	Average Fan-Only Runtime Fraction (-)	0.30	0.28	0.29		
Average reinperature (F)	73.0	73.5	73.9	13.1	73.9	Average remperature (F)	13.3	73.4	14.2		
Total Houre (%)	06%	5/1%	110/	0%	0%	Total Hours (%)	87%	31%	20/	0%	0%
Hours With Any Cooling (%)	90% 81%	70%	/11/0	100%	078	Hours With Any Cooling (%)	57%	64%	6/0/	078	078
Avg. Cooling Runtime Fraction (-)	0.75	0.78	40%	1.00%		Ava Cooling Runtime Fraction (-)	0.34	0478	04/0		
Hours with Any Debumid (%)	0.10	0.70	0.00	1.00		Hours with Any Debumid (%)	0.04	0.00	0.40		
Average Debumid Runtime Fraction (-)						Average Debumid, Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%)	9%	15%	47%	0%		Hours with Ean-only (No cool or dehumid) (%)	43%	36%	36%		
Average Ean-Only Runtime Fraction (-)	0.34	0.33	0.33	070		Average Fan-Only Runtime Fraction (-)	0.34	0.34	0.33		
Average Temperature (F)	72.1	72.1	72.1	73.5		Average Temperature (F)	71.9	72.1	71.4		
Jun						Dec					
Total Hours (%)	96%	54%	17%	5%	1%	Total Hours (%)	73%	43%	16%	2%	0%
Hours With Any Cooling (%)	85%	86%	81%	74%	60%	Hours With Any Cooling (%)	1%	0%	1%	0%	0%
Avg. Cooling Runtime Fraction (-)	0.83	0.82	0.75	0.70	0.65	Avg. Cooling Runtime Fraction (-)	0.68	0.99	0.99		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	1%	2%	0%	0%	Hours with Fan-only (No cool or dehumid) (%)	99%	100%	99%	100%	100%
Average Fan-Only Runtime Fraction (-)	0.17	0.17	0.17			Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.34	0.34
Average Temperature (F)	75.9	76.0	75.7	75.6	76.3	Average Temperature (F)	70.3	72.2	75.1	74.6	73.2

Note: Average Runtime Fractions only include periods where the runtime is greater than zero.

2001		Relative	Humidity Th	reshold		2001		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
_											
Jan Total Hours (%)						Jul	0.40/	100/	00/	00/	00/
I otal Hours (%)						Lours With Any Cooling (%)	84%	12%	0%	0%	0%
Avg. Cooling Puntime Eraction (-)						Ava Cooling Puntime Eraction (-)	99%	90%			
Hours with Any Debumid (%)						Hours with Any Debumid (%)	0.70	0.74			
Average Debumid Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or dehumid) (%)	0%	2%			
Average Ean-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.34	0.33			
Average Temperature (F)						Average Temperature (F)	73.9	74.0			
Feb			1			Aug	1010	1 110			
Total Hours (%)	100%	99%	95%	68%	18%	Total Hours (%)	81%	13%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	97%	94%	100%	100%	
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.69	0.67	0.87	1.00	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	3%	6%	0%	0%	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.33	0.33			
Average Temperature (F)	70.8	70.8	70.9	73.1	74.0	Average Temperature (F)	73.6	73.9	76.2	77.8	
Mar						Sep					
Total Hours (%)	100%	97%	79%	43%	2%	Total Hours (%)	87%	18%	0%	0%	0%
Hours With Any Cooling (%)	5%	3%	2%	0%	0%	Hours With Any Cooling (%)	88%	89%			
Avg. Cooling Runtime Fraction (-)	0.59	0.41	0.22	0.01		Avg. Cooling Runtime Fraction (-)	0.48	0.35			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	24%	25%	22%	5%	6%	Hours with Fan-only (No cool or dehumid) (%)	12%	11%			
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	0.32	Average Fan-Only Runtime Fraction (-)	0.33	0.33			
Average Temperature (F)	68.3	68.2	68.5	69.0	72.2	Average Temperature (F)	73.4	73.3			
Apr	770/	050/	E 40/	050/	00/	Oct	700/	450/	00/	00/	00/
I otal Hours (%)	77%	65%	54%	25%	2%	I otal Hours (%)	73%	15%	0%	0%	0%
Hours With Any Cooling (%)	6/%	6/%	68%	55%	36%	Hours with Any Cooling (%)	65%	6/%	100%		
Avg. Cooling Runtime Flaction (-)	0.01	0.57	0.52	0.32	0.30	Avg. Cooling Runtime Fraction (-)	0.39	0.42	0.54		
Average Debumid Puptime Fraction (-)						Average Debumid, Puptime Fraction (-)	-				
Hours with Eap-only (No cool or debumid) (%)	30%	33%	32%	11%	64%	Hours with Ean-only (No cool or dehumid) (%)	35%	33%	0%		
Average Fan-Only Runtime Fraction (-)	0.40	0.41	0.41	0.34	04/8	Average Ean-Only Runtime Fraction (-)	0.30	0.28	078		
Average Temperature (F)	73.0	73.5	73.9	73.7	73.9	Average Temperature (F)	72.1	72 7	71.9		
May	10.0	. 0.0	10.0		10.0	Nov	12.1	. 2	1110	1	
Total Hours (%)	96%	54%	11%	0%	0%	Total Hours (%)	80%	20%	0%	0%	0%
Hours With Any Cooling (%)	81%	79%	48%	100%		Hours With Any Cooling (%)	59%	61%	100%		
Avg. Cooling Runtime Fraction (-)	0.75	0.78	0.65	1.00		Avg. Cooling Runtime Fraction (-)	0.34	0.37	0.47		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	9%	15%	47%	0%		Hours with Fan-only (No cool or dehumid) (%)	41%	39%	0%		
Average Fan-Only Runtime Fraction (-)	0.34	0.33	0.33			Average Fan-Only Runtime Fraction (-)	0.34	0.33			
Average Temperature (F)	72.1	72.1	72.1	73.5		Average Temperature (F)	71.1	71.3	71.5		
Jun						Dec					
Total Hours (%)	82%	27%	1%	0%	0%	Total Hours (%)	67%	35%	8%	2%	0%
Hours With Any Cooling (%)	86%	87%	80%			Hours With Any Cooling (%)	1%	0%	2%	0%	0%
Avg. Cooling Runtime Fraction (-)	0.84	0.78	0.89			Avg. Cooling Runtime Fraction (-)	0.70	0.99	0.99		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	1%	1%	20%			Hours with Fan-only (No cool or dehumid) (%)	99%	100%	98%	100%	100%
Average Fan-Only Runtime Fraction (-)	0.17	0.17	0.17			Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.34	0.34
Average Temperature (F)	74.7	74.8	74.2			Average Temperature (F)	70.0	72.8	74.5	74.3	72.4

Table 52. Site 15 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 53. Site 15 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

Month Jan

Feb

Mar

Apr

May

Jun

2002		Relative	Humidity Th	reshold		2002		Relative	Humidity Th	reshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
n Total Haura (%)	629/	2.40/	100/	10/	09/	Jul	700/	70/	00/	09/	00/
Hours With Any Cooling (%)	16%	34%	13%	170	0%	Hours With Any Cooling (%	88%	7.70 80%	0%	0%	0%
Ava Cooling Runtime Fraction (-)	0.41	0.36	0.21	0.05	078	Avg. Cooling Runtime Fraction (-	0.50	0.39			
Hours with Any Dehumid (%)	0.41	0.00	0.21	0.00		Hours with Any Dehumid (%	0.00	0.00			
Average Dehumid Runtime Eraction (-)						Average Debumid Runtime Fraction (-	<u></u>				
Hours with Ean-only (No cool or dehumid) (%)	84%	78%	84%	86%	100%	Hours with Ean-only (No cool or dehumid) (%	12%	20%			
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	0.33	Average Fan-Only Runtime Fraction (-	0.28	0.27			
Average Temperature (F)	72.3	72.7	74.4	73.0	72.7	Average Temperature (F	76.4	76.0			
b						Aug				I	
Total Hours (%)	29%	3%	0%	0%	0%	Total Hours (%	74%	10%	0%	0%	0%
Hours With Any Cooling (%)	19%	35%				Hours With Any Cooling (%	91%	89%			
Avg. Cooling Runtime Fraction (-)	0.23	0.17				Avg. Cooling Runtime Fraction (-	0.59	0.47			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	81%	65%				Hours with Fan-only (No cool or dehumid) (%	9%	11%			
Average Fan-Only Runtime Fraction (-)	0.34	0.34				Average Fan-Only Runtime Fraction (-	0.27	0.27			
Average Temperature (F)	71.7	71.3				Average Temperature (F	74.7	74.2			
ar The second	070/			===	10/	Sep		0.001	001	00/	
I otal Hours (%)	67%	41%	14%	5%	1%	I otal Hours (%	96%	36%	0%	0%	0%
Hours With Any Cooling (%)	42%	41%	34%	15%	50%	Hours With Any Cooling (%	89%	80%	100%		
Avg. Cooling Runtime Fraction (-)	0.41	0.35	0.30	0.25	0.09	Avg. Cooling Runtime Fraction (-	0.51	0.42	0.58		
Hours with Any Denumid. (%)						Hours with Any Denumid. (%	2				
Average Denumic. Runtime Fraction (-)	500/	E00/	669/	050/	E00/	Average Denumid. Rumume Fraction (-	110/	109/	00/		
Average Ean-Only (No cool of definiting) (%)	0.37	0.41	00%	0.28	0.30	Average Eap-Only Runtime Fraction (~	0.27	19%	0%		
Average Tan-Only Kuntime Traction (-)	71.9	71.9	71.1	70.7	72.3		73.8	73.8	74 1		
Average Temperature (T)	71.5	71.5	71.1	10.1	12.0	Oct	10.0	75.0	74.1		
Total Hours (%)	100%	60%	3%	0%	0%	Total Hours (%)	93%	44%	1%	0%	0%
Hours With Any Cooling (%)	57%	42%	42%			Hours With Any Cooling (%	63%	60%	40%		
Avg. Cooling Runtime Fraction (-)	0.50	0.37	0.25			Avg. Cooling Runtime Fraction (-	0.45	0.39	0.52		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	39%	54%	53%			Hours with Fan-only (No cool or dehumid) (%	36%	39%	60%		
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28			Average Fan-Only Runtime Fraction (-	0.28	0.28	0.27		
Average Temperature (F)	73.7	73.5	73.8			Average Temperature (F	73.3	73.3	74.7		
ау						Nov					
Total Hours (%)	85%	11%	0%	0%	0%	Total Hours (%)				
Hours With Any Cooling (%)	77%	53%				Hours With Any Cooling (%					
Avg. Cooling Runtime Fraction (-)	0.56	0.38				Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	2				
Average Denumid. Runtime Fraction (-)	000/	470/				Average Denumid. Runtime Fraction (-	2				
Average Eap Only (No cool of denumid) (%)	23%	47%				Hours with Fan-only (No cool of denumid) (%					
Average Fail-Only Runnine Flaction (-)	0.20	73.2					(— — — — — — — — — — — — — — — — — — —				
n	73.4	10.2				Dec	/				
Total Hours (%)	76%	17%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	90%	84%	100%	0,0	070	Hours With Any Cooling (%	Ś				
Avg. Cooling Runtime Fraction (-)	0.58	0.45	0.56			Avg. Cooling Runtime Fraction (-					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-					
Hours with Fan-only (No cool or dehumid) (%)	10%	16%	0%			Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)	0.28	0.28				Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	74.2	74.0	74.5			Average Temperature (F					
· · · · · · · · · · · · · · · · · · ·											

Table 54. Site 15 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002		Relative	e Humidity T	hreshold		2002		Relative	Humidity Th	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
las						L.I.					
Jan Total Hours (%)	52%	24%	9%	1%	0%	Jui Total Hours (%	43%	2%	0%	0%	0%
Hours With Any Cooling (%)	19%	23%	12%	0%	078	Hours With Any Cooling (%)	83%	80%	070	070	07
Avg. Cooling Runtime Fraction (-)	0.40	0.32	0.20	070		Avg. Cooling Runtime Fraction (-	0.43	0.38			
Hours with Any Dehumid. (%)	0.10	0.02	0.20			Hours with Any Dehumid. (%	0.10	0.00			
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-					
Hours with Fan-only (No cool or dehumid) (%)	81%	77%	88%	100%		Hours with Fan-only (No cool or dehumid) (%	17%	20%			
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.34	0.33		Average Fan-Only Runtime Fraction (-	0.28	0.27			
Average Temperature (F)	72.1	72.9	74.7	72.1		Average Temperature (F	75.1	75.0			
Feb		1				Aug				1	
Total Hours (%)	17%	0%	0%	0%	0%	Total Hours (%)	45%	4%	0%	0%	0%
Hours With Any Cooling (%)	29%	67%				Hours With Any Cooling (%	88%	93%			
Avg. Cooling Runtime Fraction (-)	0.22	0.20				Avg. Cooling Runtime Fraction (-	0.55	0.45			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-					
Hours with Fan-only (No cool or dehumid) (%)	71%	33%				Hours with Fan-only (No cool or dehumid) (%	12%	7%			
Average Fan-Only Runtime Fraction (-)	0.34	0.34				Average Fan-Only Runtime Fraction (-	0.27	0.27			
Average Temperature (F)	71.2	71.1				Average Temperature (F	73.1	72.6			
Mar						Sep					
Total Hours (%)	60%	33%	3%	0%	0%	Total Hours (%)	76%	12%	0%	0%	0%
Hours With Any Cooling (%)	43%	37%	40%	33%		Hours With Any Cooling (%)	87%	82%			
Avg. Cooling Runtime Fraction (-)	0.40	0.33	0.30	0.05		Avg. Cooling Runtime Fraction (-	0.48	0.41			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	1				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-					
Hours with Fan-only (No cool or dehumid) (%)	57%	63%	60%	67%		Hours with Fan-only (No cool or dehumid) (%	13%	18%			
Average Fan-Only Runtime Fraction (-)	0.38	0.41	0.30	0.30		Average Fan-Only Runtime Fraction (-	0.27	0.27			
Average Temperature (F)	71.2	71.2	71.3	71.7		Average Temperature (F	72.3	72.6			
Apr	050/	000/	00/	001	00/	Oct	0.40/	000/	001	00/	00
I otal Hours (%)	95%	39%	0%	0%	0%	I otal Hours (%	84%	26%	0%	0%	0%
Hours With Any Cooling (%)	56%	33%				Hours With Any Cooling (%)	61%	58%	0%		
Avg. Cooling Runtime Fraction (-)	0.48	0.28				Avg. Cooling Runtime Fraction (-	0.42	0.40			
Hours with Any Denumid. (%)						Hours with Any Denumid. (%					
Average Denumid. Runtime Fraction (-)	440/	620/				Average Denumic. Runtime Fraction (-	270/	400/	100%		
Average Eap Only Runtime Fraction ()	41%	0.29				Average Eap Only Puntime Fraction (0.29	42%	100%		
Average Fan-Only Runtime Flaction (-)	0.20	0.20				Average Fail-Only Runtime Fraction (-	0.20	0.29	0.27		
Average reinperature (r)	72.0	72.0				Nov	12.2	12.1	72.0		
Total Hours (%)	59%	1%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	73%	50%	070	070	070	Hours With Any Cooling (%					
Avg. Cooling Runtime Fraction (-)	0.51	0.16				Avg. Cooling Runtime Fraction (-					
Hours with Any Dehumid (%)	0.01	0.10				Hours with Any Dehumid (%					
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-					
Hours with Fan-only (No cool or dehumid) (%)	27%	50%				Hours with Fan-only (No cool or dehumid) (%					
Average Fan-Only Runtime Fraction (-)	0.28	0.30				Average Fan-Only Runtime Fraction (-					
Average Temperature (F)	72.2	72.4				Average Temperature (F					
Jun		1				Dec				1	
Total Hours (%)	51%	5%	0%	0%	0%	Total Hours (%					
Hours With Any Cooling (%)	89%	90%				Hours With Any Cooling (%					
Avg. Cooling Runtime Fraction (-)	0.52	0.42				Avg. Cooling Runtime Fraction (-					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-					
Hours with Fan-only (No cool or dehumid) (%)	11%	10%				Hours with Fan-only (No cool or dehumid) (%					
Average Fan-Only Runtime Fraction (-)	0.28	0.28				Average Fan-Only Runtime Fraction (-					
Average Temperature (F)	73.1	73.1				Average Temperature (F					
	And the state of the	· · · · · · · · · · · · · · · · · · ·									

2001		Relative	e Humidity Tl	nreshold		2001		Relative	Humidity T	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan Total Hours (0/)						Jui	649/	200/	10/	09/	00
Hours With Apy Cooling (%)						Hours With Apy Cooling (%)	04%	20%	100%	0%	07
Avg. Cooling Puntime Eraction (-)						Avg. Cooling Puntime Eraction (-)	99%	99%	1.00%		
Hours with Any Debumid (%)						Hours with Any Debumid (%)	0.33	0.33	1.00	+	
Average Debumid, Runtime Fraction (-)						Average Debumid, Runtime Fraction (-)	(
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.33	070	070		
Average Temperature (F)						Average Temperature (F)	73.4	73.8	74.5		
Feb				I	· · · · · · · · · · · · · · · · · · ·	Aug		10.0	1 110	<u> </u>	
Total Hours (%)	100%	100%	99%	90%	72%	Total Hours (%)	82%	12%	1%	0%	00
Hours With Any Cooling (%)						Hours With Any Cooling (%)	100%	99%	100%	100%	1009
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-	0.89	0.94	1.00	1.00	1.0
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-					-
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%	0%	1%	0%	0%	09
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-	0.33	0.33			
Average Temperature (F)	67.5	67.5	67.6	68.0	69.5	Average Temperature (F	73.6	74.2	76.1	77.3	77.
Mar						Sep					
Total Hours (%)	99%	99%	98%	83%	50%	Total Hours (%)	90%	23%	2%	0%	09
Hours With Any Cooling (%)	0%	0%	0%	0%	0%	Hours With Any Cooling (%)) 77%	72%	59%	67%	
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.75	0.72	0.76	0.54	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%))				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-))				
Hours with Fan-only (No cool or dehumid) (%)	27%	27%	27%	26%	11%	Hours with Fan-only (No cool or dehumid) (%)	23%	28%	41%	33%	
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	0.33	Average Fan-Only Runtime Fraction (-)	0.20	0.20	0.20	0.17	
Average Temperature (F)	65.8	65.8	65.8	66.2	66.5	Average Temperature (F	75.6	75.7	75.9	75.7	
Apr		1	1	1		Oct		T		тт	
Total Hours (%)	64%	53%	49%	49%	46%	Total Hours (%)) 79%	39%	7%	1%	09
Hours With Any Cooling (%)	51%	46%	44%	43%	42%	Hours With Any Cooling (%)	36%	41%	49%	30%	
Avg. Cooling Runtime Fraction (-)	0.67	0.56	0.50	0.49	0.44	Avg. Cooling Runtime Fraction (-)	0.64	0.55	0.59	0.36	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%))				
Average Denumid. Runtime Fraction (-)	400/	500/	500/	570/	500/	Average Denumid. Runtime Fraction (-)	0000	500/	100/	700/	
Hours with Fan-only (No cool or denumid) (%)	43%	52%	56%	57%	58%	Hours with Fan-only (No cool or denumid) (%)	63%	58%	49%	70%	
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	0.33	Average Fan-Only Runtime Fraction (-	0.20	0.20	0.19	0.19	-
Average Temperature (F)	71.5	12.5	12.9	12.9	72.9	Average Temperature (F)	76.0	70.3	/0.4	70.5	
Total Hours (%)	22%	6%	1%	10/	0%	Total Hours (%)	07%	76%	26%	1%	0
Hours With Any Cooling (%)	0.0%	70%	4 /0 66%	60%	078	Hours With Any Cooling (%)	20%	24%	2076	80%	0
Avg. Cooling Runtime Fraction (-)	0.83	0.76	0.60	0.68		Avg. Cooling Runtime Fraction (-)	0.64	0.64	0.68	0.58	
Hours with Any Debumid (%)	0.00	0.70	0.00	0.00		Hours with Any Debumid (%)	0.04	0.04	0.00	0.00	
Average Debumid Runtime Fraction (-)						Average Debumid Runtime Fraction (-)	(-	
Hours with Ean-only (No cool or dehumid) (%)	10%	30%	34%	40%		Hours with Ean-only (No cool or dehumid) (%)	80%	76%	68%	20%	1000
Average Ean-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33		Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	0.3
Average Temperature (F)	72 7	73.5	73.2	73.4		Average Temperature (F)	74 1	74.9	75.4	76.1	74
Jun	12.1	10.0	10.2	10.4	· · · · · · · · · · · · · · · · · · ·	Dec	/ / /./	14.0	10.1	70.1	
Total Hours (%)	57%	4%	0%	0%	0%	Total Hours (%)	80%	69%	39%	22%	19
Hours With Any Cooling (%)	98%	97%	100%			Hours With Any Cooling (%)	5%	6%	10%	17%	09
Avg. Cooling Runtime Fraction (-)	0.81	0.85	1.00			Avg. Cooling Runtime Fraction (-)	0.54	0.54	0.54	0.54	
Hours with Any Dehumid. (%)	5.01	5.00				Hours with Any Dehumid. (%)	5.01				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)		1	1	++	
Hours with Fan-only (No cool or dehumid) (%)	2%	3%	0%			Hours with Fan-only (No cool or dehumid) (%)	95%	94%	90%	83%	1009
Average Fan-Only Runtime Fraction (-)	0.34	0.34				Average Fan-Only Runtime Fraction (-	0.34	0.35	0.33	0.33	0.3
Average Temperature (F)	73.1	73.5	73.2			Average Temperature (F	70.9	71.3	73.0	74.5	74.

Table 55. Site 16 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative	Humidity T	hreshold		2001		Relative	Humidity TI	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	6 Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul Total Haura	(0() 640	200/	10/	00/	00
I otal Hours (%)						Lours With Apy Cooling	(%) 64%	o 20%	1%	0%	0%
Avg. Cooling Puntime Eraction (-)						Ava Cooling Puptime Fractic	(76) 997	° 99% 5 0.00	1.00%		-
Hours with Any Debumid (%)						Hours with Any Dehumid	(%)	5 0.33	1.00		-
Average Debumid Runtime Fraction (-)						Average Debumid Runtime Fractic	(70)				-
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or dehumid)	(%) 0%	6 0%	0%		-
Average Fan-Only Runtime Fraction (-)	-					Average Fan-Only Runtime Fraction	(,0) 0,3	3			
Average Temperature (F)						Average Temperature	(F) 73	4 73.8	74.5		
Feb					<u>'</u>	Aug	(.)				1
Total Hours (%)	100%	100%	99%	90%	72%	Total Hours	(%) 82%	6 12%	1%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling	(%) 100%	6 99%	100%	100%	100%
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	0.8	9 0.94	1.00	1.00	1.00
Hours with Any Dehumid. (%)						Hours with Any Dehumid	(%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	. (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid)	(%) 0%	6 1%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	0.3	3 0.33			
Average Temperature (F)	67.5	67.5	67.6	68.0	69.5	Average Temperature	(F) 73.	6 74.2	76.1	77.3	77.3
Mar						Sep				-	
Total Hours (%)	99%	99%	98%	83%	50%	Total Hours	(%) 90%	6 23%	2%	0%	. 0%
Hours With Any Cooling (%)	0%	0%	0%	0%	0%	Hours With Any Cooling	(%) 77%	6 72%	59%	67%	
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	0.7	5 0.72	0.76	0.54	
Hours with Any Dehumid. (%)						Hours with Any Dehumid	(%)		L		
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fractic	n (-)		L		
Hours with Fan-only (No cool or dehumid) (%)	27%	27%	27%	26%	11%	Hours with Fan-only (No cool or dehumid)	(%) 23%	6 28%	41%	33%	
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	0.33	Average Fan-Only Runtime Fraction	0.2	J 0.20	0.20	0.17	
Average Temperature (F)	65.8	65.8	65.8	66.2	66.5	Average Temperature	(F) 75.	δ 75.7	75.9	75.7	
Apr	0.40/	500/	400/	400/	400/	Oct	(0() 700	2001	70/	40/	00
I otal Hours (%)	64%	53%	49%	49%	46%	Total Hours	(%) 79%	o <u>39%</u>	1%	1%	0%
Hours with Any Cooling (%)	51%	46%	44%	43%	42%	Hours With Any Cooling	(%) 36%	o 41%	49%	30%	
Avg. Cooling Runtime Fraction (-)	0.67	0.56	0.50	0.48	0.44	Avg. Cooling Ruhume Fraction	(0/)	+ 0.55	0.59	0.30	
Average Debumid, Runtime Eraction (-)						Average Debumid Buptime Fractic	(70)	-			-
Hours with Eap-only (No cool or dehumid) (%)	13%	52%	56%	57%	58%	Hours with Ean-only (No cool or debumid)	(%) 63%	6 58%	10%	70%	
Average Fan-Only Runtime Fraction (-)	0.33	0 32 /0	0.33	033	0.33	Average Ean-Only Runtime Fractic	(76) 037	0 0.20	0.19	0.10	
Average Temperature (F)	71.5	72.5	72.9	72 9	72.9	Average 1 an only Rumanie 1 action	(F) 76	0 76.3	76.4	76.5	
May	1110	1 12.0	. 2.0			Nov	(.)			10.0	1
Total Hours (%)	22%	6%	4%	1%	0%	Total Hours	(%) 94%	66%	17%	1%	0%
Hours With Any Cooling (%)	90%	70%	66%	60%		Hours With Any Cooling	(%) 219	6 25%	29%	75%	
Avg. Cooling Runtime Fraction (-)	0.83	0.76	0.60	0.68	1	Ava, Cooling Runtime Fraction	(-) 0.6	4 0.64	0.62	0.41	
Hours with Any Dehumid. (%)						Hours with Any Dehumid	(%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	ù (-)				
Hours with Fan-only (No cool or dehumid) (%)	10%	30%	34%	40%	,	Hours with Fan-only (No cool or dehumid)	(%) 79%	6 75%	71%	25%	,
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	5	Average Fan-Only Runtime Fraction	0.3	3 0.33	0.33	0.33	,
Average Temperature (F)	72.7	73.5	73.2	73.4	ł	Average Temperature	(F) 73.	6 74.4	74.8	75.4	
Jun						Dec					
Total Hours (%)	57%	4%	0%	0%	0%	Total Hours	(%) 76%	6 58%	33%	17%	. 1%
Hours With Any Cooling (%)	98%	97%	100%			Hours With Any Cooling	(%) 5%	6 7%	12%	18%	. 0%
Avg. Cooling Runtime Fraction (-)	0.81	0.85	1.00			Avg. Cooling Runtime Fraction	0.5	4 0.54	0.54	0.53	
Hours with Any Dehumid. (%)						Hours with Any Dehumid	(%)		I		
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	ı (-)			L	<u> </u>
Hours with Fan-only (No cool or dehumid) (%)	2%	3%	0%			Hours with Fan-only (No cool or dehumid)	(%) 95%	6 93%	88%	82%	100%
Average Fan-Only Runtime Fraction (-)	0.34	0.34				Average Fan-Only Runtime Fraction	0.3	5 0.34	0.33	0.33	0.33
Average Temperature (F)	73.1	73.5	73.2	1		Average Temperature	(F) 70.	J 70.9	72.8	74.0	72.6

Table 56. Site 16 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 57. Site 16 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

midity Th	nreshold		2002	Relative Humidity Threshold						
ove 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
			hul							
17%	7%	0%	Total Hours (%)	83%	29%	1%	0%	0%		
2%	4%	0%	Hours With Any Cooling (%)	89%	85%	83%	0,0	0,0		
0.04	0.04		Avg. Cooling Runtime Fraction (-)	0.50	0.44	0.47				
			Hours with Any Dehumid. (%)							
			Average Dehumid. Runtime Fraction (-)							
55%	44%	100%	Hours with Fan-only (No cool or dehumid) (%)	11%	15%	17%				
0.33	0.33	0.33	Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33				
74.8	75.6	71.1	Average Temperature (F)	77.5	77.3	78.0				
			Aug							
3%	0%	0%	Total Hours (%)	57%	8%	0%	0%	0%		
0%	0%		Hours With Any Cooling (%)	98%	98%					
			Avg. Cooling Runtime Fraction (-)	0.45	0.28					
			Hours with Any Dehumid. (%)							
			Average Dehumid. Runtime Fraction (-)							
100%	100%		Hours with Fan-only (No cool or dehumid) (%)	2%	2%					
0.33	0.33		Average Fan-Only Runtime Fraction (-)	0.33	0.33					
71.7	73.2		Average Temperature (F)	77.3	76.9					
			Sep		100/	101				
31%	6%	0%	I otal Hours (%)	85%	18%	1%	1%	0%		
16%	33%	100%	Hours With Any Cooling (%)	92%	84%	100%	100%	100%		
0.27	0.24	0.13	Avg. Cooling Runtime Fraction (-)	0.38	0.32	0.41	0.45	0.44		
			Hours with Any Denumid. (%)							
0.40/	070/	00/	Average Denumid. Runtime Fraction (-)	00/	450/	00(00/	00/		
84%	67%	0%	Hours with Fan-only (No cool or denumid) (%)	8%	15%	0%	0%	0%		
0.33	0.33	76.6	Average Fan-Only Runtime Fraction (-)	0.33	0.33	76.0	77.0	76.0		
74.0	75.0	70.0	Average remperature (F)	70.2	70.1	/0.0	77.0	76.9		
67%	23%	0%	Total Hours (%)	93%	40%	4%	0%	0%		
38%	36%	100%	Hours With Any Cooling (%)	67%	54%	30%	070	070		
0.29	0.21	0.02	Avg. Cooling Runtime Fraction (-)	0.32	0.26	0.40				
0.20	0.21	0.02	Hours with Any Dehumid (%)	0.02	0.20	0110				
			Average Dehumid, Runtime Fraction (-)							
59%	60%	0%	Hours with Fan-only (No cool or dehumid) (%)	33%	46%	61%				
0.33	0.33		Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33				
75.3	75.9	75.9	Average Temperature (F)	75.7	75.4	75.7				
			Nov							
34%	2%	0%	Total Hours (%)							
13%	13%		Hours With Any Cooling (%)							
0.32	0.15		Avg. Cooling Runtime Fraction (-)							
			Hours with Any Dehumid. (%)							
			Average Dehumid. Runtime Fraction (-)							
87%	80%		Hours with Fan-only (No cool or dehumid) (%)							
0.33	0.33		Average Fan-Only Runtime Fraction (-)							
82.1	80.1		Average Temperature (F)							
			Dec				1			
3%	0%	0%	Total Hours (%)							
83%			Hours With Any Cooling (%)							
0.33			Avg. Cooling Runtime Fraction (-)							
			Hours with Any Dehumid. (%)							
4701			Average Dehumid. Runtime Fraction (-)							
1/%			Hours with Fan-only (No cool or dehumid) (%)							
0.33			Average Fan-Only Runtime Fraction (-)							
11.4			Average Temperature (F)		I					

2002	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
len								
Jan Total Hours (%)	F29/	2.40/	170/	70/	0%			
Hours With Any Cooling (%)	52% 1%	34%	2%	1 %	0%			
Ava Cooling Runtime Fraction (-)	0.04	0.04	0.04	478	070			
Hours with Any Debumid (%)	0.04	0.04	0.04	0.04	-			
Average Debumid Runtime Fraction (-)								
Hours with Ean-only (No cool or debumid) (%)	75%	67%	55%	44%	100%			
Average Ean-Only Runtime Fraction (-)	0.36	0.35	0.33	0.33	0.33			
Average Temperature (F)	72 7	73.3	74.8	75.6	71 1			
Feb	12.1	10.0	14.0	10.0	,			
Total Hours (%)	49%	19%	3%	0%	0%			
Hours With Any Cooling (%)	0%	0%	0%	0%				
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)	91%	92%	100%	100%				
Average Fan-Only Runtime Fraction (-)	0.34	0.33	0.33	0.33				
Average Temperature (F)	69.6	71.6	71.7	73.2				
Mar			1		J			
Total Hours (%)	73%	56%	31%	6%	0%			
Hours With Any Cooling (%)	12%	14%	16%	33%	100%			
Avg. Cooling Runtime Fraction (-)	0.31	0.32	0.27	0.24	0.13			
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)	85%	86%	84%	67%	0%			
Average Fan-Only Runtime Fraction (-)	0.34	0.33	0.33	0.33				
Average Temperature (F)	73.2	73.8	74.8	75.6	76.6			
Apr								
Total Hours (%)	100%	99%	67%	23%	0%			
Hours With Any Cooling (%)	47%	47%	38%	36%	100%			
Avg. Cooling Runtime Fraction (-)	0.37	0.36	0.29	0.21	0.02			
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)	49%	50%	59%	60%	0%			
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33				
Average Temperature (F)	74.9	74.9	75.3	75.9	75.9			
Мау			1	1	1			
Total Hours (%)	95%	62%	34%	2%	0%			
Hours With Any Cooling (%)	43%	35%	13%	13%				
Avg. Cooling Runtime Fraction (-)	0.45	0.42	0.32	0.15				
Hours with Any Dehumid. (%)								
Average Denumid. Runtime Fraction (-)	= 0.07							
Hours with Fan-only (No cool or dehumid) (%)	56%	65%	87%	80%	-			
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33				
Average Temperature (F)	11.8	79.2	82.1	80.1				
Jun Total Haura (9/)	0.00/	440/	20/	00/	00/			
Hours With Apy Cooling (%)	92%	41%	3%	0%	0%			
Ava Cooling Puntime Fraction ()	0.47	11%	0.3%					
Avg. Cooling Runume Fraction (-)	0.47	0.42	0.33	l				
Average Debumid Puntime Fraction ()								
Average Denumu. Runume Fraction (-)	150/	220/	170/	l				
Average Ean-Only Runtime Fraction ()	10%	23%	0.22	<u> </u>	l			
Average Fan-Only Kunume Fraction (-)	0.33	0.33	0.33	<u> </u>	<u> </u>			

 Average Temperature (F)
 76.8
 76.7
 77.4

 Note: Average Runtime Fractions only include periods where the runtime is greater than zero.
 Temperature (F)
 Tempe

Table 58. Site 16 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

Month Jan

Feb

Mar

Apr

May

Jun

2002		Relative	Humidity Th	reshold		2002		Relative	Humidity Th	reshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
n Total Hours (%)	48%	27%	15%	4%	0%	Jui Total Hours (%)	40%	3%	0%	0%	0%
Hours With Any Cooling (%)	40%	1%	2%	4%	078	Hours With Any Cooling (%)	83%	81%	0 78	078	078
Ava. Cooling Runtime Fraction (-)	0.04	0.04	0.04	070		Avg. Cooling Runtime Fraction (-)	0.45	0.47			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)		-			
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	75%	62%	50%	61%		Hours with Fan-only (No cool or dehumid) (%)	17%	19%			
Average Fan-Only Runtime Fraction (-)	0.34	0.34	0.33	0.33		Average Fan-Only Runtime Fraction (-)	0.33	0.33			
Average Temperature (F)	72.1	73.1	74.9	75.8		Average Temperature (F)	76.2	76.3			
b						Aug					
Total Hours (%)	35%	13%	1%	0%	0%	Total Hours (%)	12%	0%	0%	0%	0%
Hours With Any Cooling (%)	0%	0%	0%			Hours With Any Cooling (%)	97%				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.31				
Average Debumid Puptime Eraction (-)						Average Debumid, Puptime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	94%	100%	100%			Hours with Ean-only (No cool or debumid) (%)	3%				
Average Ean-Only Runtime Fraction (-)	0.33	0.33	0.33			Average Fan-Only Runtime Fraction (-)	0.33				
Average Temperature (F)	69.5	71.6	71.8			Average Temperature (F)	75.8				
ar	0010	1.10	1110			Sep					
Total Hours (%)	67%	49%	25%	3%	0%	Total Hours (%)	50%	6%	1%	0%	0%
Hours With Any Cooling (%)	13%	16%	20%	27%	100%	Hours With Any Cooling (%)	89%	90%	100%	100%	
Avg. Cooling Runtime Fraction (-)	0.31	0.32	0.26	0.10	0.03	Avg. Cooling Runtime Fraction (-)	0.34	0.34	0.44	0.46	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	87%	84%	80%	73%	0%	Hours with Fan-only (No cool or dehumid) (%)	11%	10%	0%	0%	
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33		Average Fan-Only Runtime Fraction (-)	0.33	0.33			
Average Temperature (F)	/2.8	73.5	74.5	75.5	76.6	Average Temperature (F)	/5.1	/5./	76.1	76.6	
Total Hours (%)	100%	94%	58%	5%	0%	Total Hours (%)	71%	27%	0%	0%	0%
Hours With Any Cooling (%)	47%	46%	32%	23%	070	Hours With Any Cooling (%)	62%	44%	50%	070	070
Avg. Cooling Runtime Fraction (-)	0.37	0.34	0.24	0.17		Avg. Cooling Runtime Fraction (-)	0.30	0.28	0.22		
Hours with Any Dehumid. (%)				-		Hours with Any Dehumid. (%)			-		
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	49%	50%	64%	77%		Hours with Fan-only (No cool or dehumid) (%)	38%	56%	50%		
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33		Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33		
Average Temperature (F)	74.1	74.2	74.6	75.6		Average Temperature (F)	74.7	74.7	75.1		
ау						Nov					
I otal Hours (%)	81%	42%	21%	0%	0%	I otal Hours (%)					
Hours With Any Cooling (%)	38%	22%	5%			Hours With Any Cooling (%)					
Avg. Cooling Runtime Flaction (-)	0.43	0.34	0.17			Avg. Cooling Runtime Fraction (-)					
Average Debumid Puptime Eraction (-)						Average Debumid, Puptime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	61%	77%	95%			Hours with Ean-only (No cool or debumid) (%)					
Average Ean-Only Runtime Fraction (-)	0.33	0.33	0.33			Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	77.1	79.6	81.8			Average Temperature (F)					
n						Dec	, I				
Total Hours (%)	57%	9%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	80%	77%				Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.43	0.41				Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	20%	23%				Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.33	0.33				Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	75.5	75.9				Average Temperature (F)					

2001	Relative Humidity Threshold			2001	Relative Humidity Threshold				
Month	Above 50% Ab	oove 55% Above 60%	Above 65% Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan	\			Jul Tatal Haura (%)	4000/	400/	00/	00/	00
Lioura With Any Casting (%)			I otal Hours (%	100%	40%	0%	0%	0%
Ava Cooling Puntime Fraction (/			Avg. Cooling Puntime Fraction (100%	100%			
Hours with Any Dohumid (%	/			Hours with Any Deburgid (%	1.00	1.00			
Average Debumid, Puntime Fraction (-)			Average Debumid, Runtime Fraction (-	<				+
Hours with Ean-only (No cool or dehumid) (%	<u></u>			Hours with Ean-only (No cool or dehumid) (%	0%	0%			+
Average Ean-Only Runtime Fraction (-	/ \			Average Fan-Only Runtime Fraction (-	078	078			
)				78.6	79.8			
Feb	/				/ /0.0	75.0			<u>.</u>
Total Hours (%)			Total Hours (%	100%	57%	3%	0%	0%
Hours With Any Cooling (%	ý –			Hours With Any Cooling (%	79%	67%	50%	100%	
Avg. Cooling Runtime Fraction (-	%			Avg. Cooling Runtime Fraction (-	0.55	0.54	0.79	0.70	1
Hours with Any Dehumid (%	ý –			Hours with Any Dehumid (%) 0.00	0.01	0.10	0.10	
Average Dehumid, Runtime Fraction (-	ý			Average Dehumid, Runtime Fraction (-	Ś				
Hours with Ean-only (No cool or dehumid) (%	ý –			Hours with Ean-only (No cool or dehumid) (%	0%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-	ý			Average Fan-Only Runtime Fraction (-)	0,0	0,0	0,0	
Average Temperature (F	ý – – – – – – – – – – – – – – – – – – –			Average Temperature (F	77 4	77.9	78.2	79.2	,
Mar	/			Sep	,				
Total Hours (%)			Total Hours (%) 100%	77%	13%	1%	0%
Hours With Any Cooling (%)			Hours With Any Cooling (%	66%	60%	46%	0%	
Ava, Cooling Runtime Fraction (-	ý)			Avg. Cooling Runtime Fraction (-	0.46	0.47	0.33		1
Hours with Any Dehumid. (%)			Hours with Any Dehumid. (%)	-			1
Average Dehumid. Runtime Fraction (-)			Average Dehumid. Runtime Fraction (-	Ó				
Hours with Fan-only (No cool or dehumid) (%)			Hours with Fan-only (No cool or dehumid) (%) 11%	11%	12%	25%	,
Average Fan-Only Runtime Fraction (-	ý			Average Fan-Only Runtime Fraction (-	0.28	0.28	0.27	0.27	
Average Temperature (F)			Average Temperature (F) 76.7	77.0	78.1	78.0	1
Apr				Oct					
Total Hours (%)			Total Hours (%) 100%	90%	30%	2%	, 0%
Hours With Any Cooling (%)			Hours With Any Cooling (%) 34%	33%	38%	18%	, 0%
Avg. Cooling Runtime Fraction (-)			Avg. Cooling Runtime Fraction (-) 0.33	0.30	0.25	0.21	
Hours with Any Dehumid. (%)			Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)			Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)			Hours with Fan-only (No cool or dehumid) (%) 66%	67%	61%	82%	, 100%
Average Fan-Only Runtime Fraction (-)			Average Fan-Only Runtime Fraction (-) 0.31	0.31	0.31	0.32	. 0.2
Average Temperature (F)			Average Temperature (F) 75.4	75.6	76.6	76.9	76.
Мау				Nov					1
Total Hours (%)			Total Hours (%) 100%	93%	67%	6%	. 0%
Hours With Any Cooling (%)			Hours With Any Cooling (%) 27%	29%	30%	30%	J.
Avg. Cooling Runtime Fraction (-)			Avg. Cooling Runtime Fraction (-) 0.27	0.27	0.23	0.19	
Hours with Any Dehumid. (%)			Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)			Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)			Hours with Fan-only (No cool or dehumid) (%) 73%	71%	70%	70%	1
Average Fan-Only Runtime Fraction (-)			Average Fan-Only Runtime Fraction (-	0.41	0.40	0.34	0.33	
Average Temperature (F)			Average Temperature (F) 74.0	74.4	75.2	76.1	
Jun				Dec					
Total Hours (%)			Total Hours (%) 98%	85%	64%	28%	. 3%
Hours With Any Cooling (%)			Hours With Any Cooling (%	7%	8%	11%	14%	49
Avg. Cooling Runtime Fraction (-)			Avg. Cooling Runtime Fraction (-	0.20	0.20	0.20	0.11	0.12
Hours with Any Dehumid. (%	2			Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)			Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%	2			Hours with Fan-only (No cool or dehumid) (%	93%	92%	89%	86%	96%
Average Fan-Only Runtime Fraction (-)			Average Fan-Only Runtime Fraction (-	0.26	0.27	0.27	0.28	0.28
Average Temperature (F)			Average Temperature (F) 71.8	72.0	72.4	74.1	75.8

Table 59. Site 17 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

Inom Above 50% Above 60% Above 60% Above 60% Above 70% Jan	2001	Relative Humidity Threshold					2001		Relative Humidity Threshold				
Jan July Jan Aug. Colling Ruther Franchior ()	Month	Above 50% Ab	ove 55% A	bove 60%	Above 65%	Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jun Total Hours (%) House With any cooling (%)													
House With Any Change (S) Image Avg. Cooling Runnier Francis (c) Image House with Any Dehund, (S) Image House with France (c) Image House with Any Dehund, (S) Image Any Corting Faint Francine (-) Image House with Faine (S) Image House wit	Jan	\					Jul	Total Hours (9()	100%	409/	00/	00/	00
Average Defauries Controls (*) Average Defauries (*) <td>Lioura With Any Cooling (%</td> <td><u></u></td> <td></td> <td></td> <td></td> <td></td> <td>Hours</td> <td>I Otal Hours (%)</td> <td>100%</td> <td>40%</td> <td>0%</td> <td>0%</td> <td>0%</td>	Lioura With Any Cooling (%	<u></u>					Hours	I Otal Hours (%)	100%	40%	0%	0%	0%
Normage Number of the product of the prod	Ava Cooling Puntime Fraction (/					Hours Avg. Cooling	Puntimo Eroction ()	100%	100%			
Average Daturd, Hourine Fraction (s) Average Tan-Only Runtine Fraction (s)	Hours with Any Dohumid (%						Avg. Cooling	the Apy Dobumid (%)	1.00	1.00			
House with Fair-oray (No. cools of refurning (No. Image: Second Pairwey Pairwe	Average Debumid, Puptime Fraction (-	/						Puntime Eraction (-)	-				<u> </u>
Noticip Fair-Oty Ruitine Fradient ()	Hours with Ean only (No cool or dobumid) (%	(Hours with Eap only (No	nool or dobumid) (%)	00/	09/			<u> </u>
Decleging land/orging their propertative (2) 77.0 77.8	Average Eap-Only Puntime Eraction (-	/						Puntime Fraction (-)	076	076			<u> </u>
Ref Atel Hours (%) 1/10	Average Fail-Only Kultume Fraction (-	/					Average Fail-Only	Runume Flaction (-)	77.0	70 /			<u> </u>
Nor Total Hours (%) Total Hours (%) Total Hours (%) Total Hours (%) Average Dehumal, Cooling (%) Cooling Runtime Fraction (-) Average Dehumal, (%) Total Hours (%) Total Hours (%) Average Dehumal, Cooling (%) Cooling Runtime Fraction (-) Average Dehumal, (%) Total Hours (%) Total Hours (%) Mar Average Ten-chy (%) cool of dehumal, (%) Total Hours (%)	Eab	/				<u> </u>	Aug	age remperature (r)	11.0	70.4			L
Hours With Any Coding (%)	Total Hours (%						Aug	Total Hours (%)	100%	38%	1%	0%	0%
Avg. Cooling Runtime Fraction () Avg. Runtime Fraction () Avg	Hours With Any Cooling (%	1					Hours	Vith Any Cooling (%)	79%	65%	100%	070	07
Hours with Any Delumid (b) Hours with Any Delumid (b) <th< td=""><td>Ava Cooling Runtime Fraction (-</td><td>1</td><td></td><td></td><td></td><td></td><td>Avg. Cooling</td><td>Runtime Fraction (-)</td><td>0.55</td><td>0.53</td><td>0.80</td><td></td><td><u> </u></td></th<>	Ava Cooling Runtime Fraction (-	1					Avg. Cooling	Runtime Fraction (-)	0.55	0.53	0.80		<u> </u>
Average Dehundi, Runitme Fraction () Average Ten-only No.coli or edhundi (%) Average Ten-only No.coli or edhundi (%) Office Offi	Hours with Any Debumid (%	1					Hours wi	th Any Debumid (%)	0.00	0.00	0.00		<u> </u>
Hours with Fan-endy (Naccoll or defaundi) (%) Hours with Fan-endy (Naccoll or defaundi) (%) 0% <	Average Debumid Runtime Fraction (-	1					Average Debumid	Runtime Fraction (-)	-				<u> </u>
Notes Average Fan-Only Rutitine Fraction () Os Os Os Nar Total Hours (%) Average Temperature (F) Average Temperature (F) Average Temperature (F) Total Hours (%) Total Hours (%) Average Temperature (F) Total Hours (%) Total Hours (%) Average Temperature (F) Total Hours (%) Total Hours (%) Average Temperature (F) Total Hours (%) Total Hours (%) Total Hours (%) Average Temperature (F) Total Hours (%)	Hours with Ean-only (No cool or dehumid) (%	1					Hours with Ean-only (No	cool or debumid) (%)	0%	0%	0%		<u> </u>
Average Temperature (5) Average Temperature (5) 76.2 77.0 77.9 Nar Total Hours (%) Average Temperature (5) 76.2 77.0 77.9 Har Total Hours (%) Mark (%) Mark (%) Mark (%) Mark (%) Average Detunid, Runtime Fraction () Mark (%) Mark (%) Mark (%) Mark (%) Average Ten-only Runtime Fraction () Mark (%) Mark (%) Mark (%) Mark (%) Average Ten-only Runtime Fraction () Mark (%) Mark (%) Mark (%) Mark (%) Average Ten-only Runtime Fraction () Mark (%) Mark (%) Mark (%) Mark (%) Average Ten-only Runtime Fraction () Mark (%) Mark (%) Mark (%) Mark (%) Average Ten-only Runtime Fraction () Mark (%) Mark (%) Mark (%) Mark (%) Average Ten-only Runtime Fraction () Mark (%) Mark (%) Mark (%) Mark (%) Average Ten-only Runtime Fraction () Mark (%) Mark (%) Mark (%) Mark (%) Average Ten-only Runtime Fraction () Mark (%) Mar	Average Ean-Only Runtime Fraction (-	/					Average Ean-Only	Runtime Fraction (-)	070	070	070		
Mar Total Hours (%) Total Hours (%) <thtotan (%)<="" hours="" th=""> Total Hours (%)</thtotan>	Average Tamoniy Rumane Fraction ()					Average 1 an Only	age Temperature (F)	76.2	77.0	77 9		
Total Hours (%) Total Hours (%) 100% 60% 7% 0% 0% Ausr With Any Cooling (%)	Mar	/	1			L	Sen	age remperature (r)	10.2	11.0	77.0		L
Hours With Any Cooling (%) Hours With Any Cooling (%) E82% 59% 59% 0% Average Dehunik Rumite Fracton () Hours with Any Dehunik (%) Hours With Any Cooling (%) E82% 59% 59% 0% Average Temperature (P) Hours with Fan-onty (No cool or dehunik) (%) Hours with Any Cooling (%) Hours with Any Cooling (%) Hours with Fan-onty (No cool or dehunik) (%) Hours with Any Cooling (%) <	Total Hours (%						Cop	Total Hours (%)	100%	60%	7%	0%	0%
Avg. Cooling Runtime Fraction () Average Detundis (R) Average Setundis (R) <	Hours With Any Cooling (%	í –					Hours	Vith Any Cooling (%)	66%	59%	59%	0%	
Hours with Any Dehumid, (%) Image of the second of the secon	Avg. Cooling Runtime Fraction (-	5					Avg Cooling	Runtime Fraction (-)	0.46	0.43	0.30	070	
Average Delumid, Runtime Fraction () Average Temperature (F) Average Temperature (F) Average Pan-Only Runtime Fraction () Average Temperature (F) Average Temperature (F) Apr Average Temperature (F) Average Temperature (F) Average Temperature (F) Average Detundi, Runtime Fraction () 0.28 0.28 0.28 Average Temperature (F) 0.28 0.26 0.4 Average Temperature (F) 0.28 0.26 0.4 Average Temperature (F) 0.03 0.22 0.26 0.4 Average Temperature (F) 0.03 0.29 0.23 0.4 Average Temperature (F) 0.03 0.29 0.23 0.4 Average Temperature (F) 0.33 0.29 0.23 0.4 Average Temperature (F) 0.31 0.31 0.31 0.33 0.31 0.33 0.24 0.24 0.4 May Total Hours (%) 0.04 0.04 0.031 0.31 0.31 0.33 0.24 0.25 0.9 Average Temperature (F) 0.04	Hours with Any Dehumid (%	í –					Hours wi	th Any Dehumid (%)	0.10	0110	0.00		
Hours with Fan-only (No cool or dehund) (%) Hours with Fan-only (No cool or dehund) (%) 11% 5% 0% 0% Apr Average Temperature (F) Average Temperature (G) Average Temperature (G) 78.6 79.4 Apr Total Hours (%) Image: Cooling Runnime Fraction () 100% 77.6 79.4 Average Temperature (G) Image: Cooling Runnime Fraction () Image: Cooling Runnime Fraction () 100% 77.6 79.4 Average Temperature (F) Image: Cooling Runnime Fraction ()	Average Dehumid Runtime Fraction (-	/ /					Average Debumid	Runtime Fraction (-)					
Node Average Fan-Only Runtime Fraction (-) Oze Oze Oze Average Fan-Only Runtime Fraction (-) Oze	Hours with Ean-only (No cool or dehumid) (%	ý					Hours with Ean-only (No	cool or dehumid) (%)	11%	5%	0%	0%	
Average Temperature (F) Average Temperature (F) Color Apr	Average Ean-Only Runtime Fraction (-	/ /					Average Ean-Only	Runtime Fraction (-)	0.28	0.26	070	070	
Apr Total yours (%) Image: Intergrating (%) I	Average Temperature (F	í –					Aver	age Temperature (F)	75.4	76.0	78.6	79.4	
Total Hours (%) Image: Coloring Runting Fraction () Total Hours (%) Total Hours (%) <thtotal (%)<="" hours="" th=""> <thtotal (%)<="" hours="" th=""></thtotal></thtotal>	Apr	/				<u> </u>	Oct	age remperature (r)	10.4	10.0	70.0	10.1	L
Hours With Any Cooling (%) Average Temperature (F) Average Tem	Total Hours (%)						Total Hours (%)	100%	77%	19%	1%	0%
Avg. Cooling Runtime Fraction () Avg. Cooling Runtime Fraction () 0.33 0.29 0.23 Average Dehumid. Runtime Fraction () Average Dehumid. (%) Average Dehumid. (%)	Hours With Any Cooling (%	Ś.					Hours	Vith Any Cooling (%)	34%	35%	41%	0%	
Hours with Any Dehumid. (%) Image: Constraint of the constrain	Avg. Cooling Runtime Fraction (-	í –					Ava Cooling	Runtime Fraction (-)	0.33	0.29	0.23	0,0	
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Temperature (F) May	Hours with Any Dehumid (%	Ś.					Hours wi	th Any Dehumid (%)	0.00	0.20	0.20		
Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) 66% 65% 58% 100% Average Temperature (F) Average Temperature (F) Average Temperature (F) 0.31	Average Dehumid, Runtime Fraction (-	ý –					Average Dehumid.	Runtime Fraction (-)					
Average Fan-Only Runtime Fraction (-) Average Temperature (F) 0.31 0.31 0.31 0.33 May Average Temperature (F) Average Temperature (F) 0.31 0.31 0.31 0.33 0.33 May Total Hours (%) Average Temperature (F) 74.3 74.7 75.7 76.2 May More State (F) Average Temperature (F) 0.31 0.31 0.31 0.33 0.33 Average Temperature (F) Average Temperature (F) 0.27 0.26 0.22 0.7 Hours with Any Dehumid, (%) Average Temperature (F) 0.27 0.26 0.22 0.17 Hours with Any Dehumid, (%) Average Temperature (F) 0.4 Average Temperature (F) 0.4 Average Temperature (F) 0.4 0.4 0.33 0.	Hours with Fan-only (No cool or dehumid) (%	ý l					Hours with Fan-only (No	cool or dehumid) (%)	66%	65%	58%	100%	
Average Temperature (F) Average Temper	Average Fan-Only Runtime Fraction (-	ý – – – – – – – – – – – – – – – – – – –					Average Fan-Only	Runtime Fraction (-)	0.31	0.31	0.31	0.33	
May Total Hours (%) Image: Control of the control of t	Average Temperature (F	ý – – – – – – – – – – – – – – – – – – –					Aver	age Temperature (F)	74.3	74.7	75.7	76.2	
Total Hours (%) Total Hour	Mav		1			·	Nov			I			
Hours With Any Cooling (%) Average Temperature (F) Hours with Any Cooling (%) 28% 29% 27% 12% Average Dehumid. Runtime Fraction (·) Average Dehumid. Runtime Fraction (·) 0.27 0.26 0.22 0.17 Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (·) 0.27 0.26 0.22 0.17 Hours with Fan-only (No cool or dehumid) (%) Average Temperature (F)	Total Hours (%)						Total Hours (%)	97%	88%	51%	2%	0%
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) 0.27 0.26 0.22 0.17 Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) Hours with Fan-only (No cool or dehumid) (%) 73% 88% Average Fan-Only Runtime Fraction (-) Average Temperature (F) Hours with Fan-only (No cool or dehumid) (%) 73% 88% Jun Total Hours (%) Total Hours (%) Total Hours (%) Total Hours (%) 88% 73% 42% 17% 2% Average Dehumid. Runtime Fraction (-) Average Temperature (F) Total Hours (%) 88% 73% 42% 17% 2% Average Dehumid. Runtime Fraction (-) Hours with Any Cooling Runtime Fraction (-) 0.20 0.20 0.18 0.10 Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) 8% 9% 15% 17% 0% Average Temperature (F) Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Hours with Any Cooling (%) 8% 9%	Hours With Any Cooling (%)					Hours \	Vith Any Cooling (%)	28%	29%	27%	12%	
Hours with Any Dehumid. (%) Image: Constraint on the structure on th	Avg. Cooling Runtime Fraction (-	ý					Avg. Cooling	Runtime Fraction (-)	0.27	0.26	0.22	0.17	
Average Dehumid. Runtime Fraction (-) Average Charmed Fraction (-)	Hours with Any Dehumid. (%)					Hours wi	th Any Dehumid. (%)					
Hours with Fan-only (No cool or dehumid) (%) Total Hours (%) B9% Total Hours (%) Total Hours (%) B9% Total Hours (%) Total Hours (%) B9%	Average Dehumid. Runtime Fraction (-	ý					Average Dehumid.	Runtime Fraction (-)					
Average Fan-Only Runtime Fraction (-) 0.42 0.37 0.33 0.33 Average Temperature (F) Average Temperature (F) Average Temperature (F) 73.1 73.7 74.3 75.2 Jun Total Hours (%) Mours With Any Cooling (%) Base of the second se	Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No	cool or dehumid) (%)	72%	71%	73%	88%	
Average Temperature (F) 73.1 73.7 74.3 75.2 Jun Total Hours (%) Total Hours (%) B3% 73% 42% 17% 2% Hours With Any Cooling (%) Hours With Any Cooling (%) B3% 73% 42% 17% 2% Average Temperature (F) Average Temperature (F) 73.1 73.7 74.3 75.2 Dec Total Hours (%) B3% 73% 42% 17% 2% Average Temperature (F) Average Temperature (F) 0.10	Average Fan-Only Runtime Fraction (-	ý					Average Fan-Only	Runtime Fraction (-)	0.42	0.37	0.33	0.33	
Jun Total Hours (%) Total Hours (%) Total Hours (%) B9% 73% 42% 17% 29 Hours With Any Cooling (%) Hours With Any Cooling (%) B9% 73% 42% 17% 29 Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Tan-Only Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Tan-Only Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Tan-Only Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Tan-Only Runtime Fraction (-) Image: Cool or dehumid (%) Image: Cool or dehumid	Average Temperature (F	ý					Aver	age Temperature (F)	73.1	73.7	74.3	75.2	
Total Hours (%) Total Hours (%) Total Hours (%) 89% 73% 42% 17% 29 Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Any Cooling (%) 8% 9% 15% 17% 0% Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) 0.20 0.20 0.18 0.10 Hours with Any Dehumid. (%) Hours With Any Dehumid. (%	Jun	, 	1			· · · · · · · · · · · · · · · · · · ·	Dec	• • • • • •				1	
Hours With Any Cooling (%) Hours With Any Cooling (%) B% 9% 15% 17% 09 Average Cooling Runtime Fraction (-) Hours With Any Dehumid. (%) Hours	Total Hours (%)						Total Hours (%)	89%	73%	42%	17%	2%
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) 0.20 0.20 0.18 0.10 Hours with Any Dehumid. (%) Hours With Any	Hours With Any Cooling (%)					Hours	Vith Any Cooling (%)	8%	9%	15%	17%	0%
Hours with Any Dehumid. (%) Hours With Any Dehumid. (%) <t< td=""><td>Avg. Cooling Runtime Fraction (-</td><td>)</td><td></td><td></td><td></td><td></td><td>Avg. Cooling</td><td>Runtime Fraction (-)</td><td>0.20</td><td>0.20</td><td>0.18</td><td>0.10</td><td></td></t<>	Avg. Cooling Runtime Fraction (-)					Avg. Cooling	Runtime Fraction (-)	0.20	0.20	0.18	0.10	
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Image: Constraint of the state of the	Hours with Any Dehumid. (%)					Hours wi	th Any Dehumid. (%)					
Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) 92% 90% 85% 83% 100% Average Fan-Only Runtime Fraction (-) Average Temperature (F) 0.27 0.27 0.28 0.28 0.24 Average Temperature (F) 70.6 71.0 72.4 73.6 75.9	Average Dehumid. Runtime Fraction (-)					Average Dehumid.	Runtime Fraction (-)					
Average Fan-Only Runtime Fraction (-) 0.27 0.27 0.28 0.28 0.27 Average Temperature (F) Average Temperature (F) 70.6 71.0 72.4 73.6 75.9	Hours with Fan-only (No cool or dehumid) (%	j)					Hours with Fan-only (No	cool or dehumid) (%)	92%	90%	85%	83%	100%
Average Temperature (F) 70.6 71.0 72.4 73.6 75.9	Average Fan-Only Runtime Fraction (-	ý					Average Fan-Only	Runtime Fraction (-)	0.27	0.27	0.28	0.28	0.28
	Average Temperature (F)					Aver	age Temperature (F)	70.6	71.0	72.4	73.6	75.

Table 60. Site 17 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 61. Site 17 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002	Relative Humidity Threshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
1							
Jan	010/	E 40/	220/	00/	10/		
Hours With Any Cooling (%)	01%	54% 12%	23%	9%	20%		
Ava Cooling Runtime Fraction (-)	0.28	0.28	0.27	0.16	0.14		
Hours with Any Debumid (%)	0.20	0.20	0.27	0.10	0.14		
Average Debumid Runtime Fraction (-)							
Hours with Ean-only (No cool or debumid) (%)	92%	88%	75%	74%	80%		
Average Ean-Only Runtime Fraction (-)	0.26	0.27	0.27	0.28	0.31		
Average Temperature (F)	71.6	72.2	73.3	74.1	73.2		
Feb	71.0	12.2	10.0	74.1	10.2		
Total Hours (%)	87%	62%	19%	2%	0%		
Hours With Any Cooling (%)	1%	1%	0%	0%	0%		
Avg. Cooling Runtime Fraction (-)	0.46	0.49	0,0	070	070		
Hours with Any Dehumid. (%)							
Average Dehumid, Runtime Fraction (-)							
Hours with Fan-only (No cool or dehumid) (%)	99%	99%	100%	100%	100%		
Average Fan-Only Runtime Fraction (-)	0.24	0.25	0.26	0.26	0.19		
Average Temperature (F)	71.9	72.0	72.6	72.1	72.5		
Mar	-				-		
Total Hours (%)	81%	66%	38%	8%	0%		
Hours With Any Cooling (%)	24%	28%	40%	47%	0%		
Avg. Cooling Runtime Fraction (-)	0.23	0.23	0.21	0.16			
Hours with Any Dehumid. (%)							
Average Dehumid. Runtime Fraction (-)							
Hours with Fan-only (No cool or dehumid) (%)	76%	71%	59%	53%	100%		
Average Fan-Only Runtime Fraction (-)	0.28	0.28	0.28	0.29	0.33		
Average Temperature (F)	72.6	72.7	73.8	74.0	73.8		
Apr							
Total Hours (%)	100%	100%	82%	34%	1%		
Hours With Any Cooling (%)	44%	44%	40%	33%	33%		
Avg. Cooling Runtime Fraction (-)	0.38	0.38	0.28	0.23	0.23		
Hours with Any Dehumid. (%)							
Average Dehumid. Runtime Fraction (-)							
Hours with Fan-only (No cool or dehumid) (%)	52%	52%	57%	62%	67%		
Average Fan-Only Runtime Fraction (-)	0.30	0.30	0.30	0.31	0.32		
Average Temperature (F)	75.2	75.2	75.3	75.7	76.1		
May							
Total Hours (%)	100%	84%	28%	9%	0%		
Hours With Any Cooling (%)	59%	52%	33%	19%	67%		
Avg. Cooling Runtime Fraction (-)	0.45	0.41	0.28	0.36	0.81		
Hours with Any Dehumid. (%)	-						
Average Dehumid. Runtime Fraction (-)	4007	4=0.4	0.507	7001	0000		
Hours with Fan-only (No cool or dehumid) (%)	40%	47%	65%	/8%	33%		
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	0.33		
Average Temperature (F)	76.0	76.2	76.9	//.8	11.5		
Jun Total Llaura (0()	100%	E00/	00/	00/	00/		
	100%	59%	9%	0%	0%		
Hours With Any Cooling (%)	/5%	58%	19%				
Avg. Cooling Runtime Fraction (-)	0.48	0.37	0.20				
Hours with Any Denumid. (%)							
Average Denumid. Runtime Fraction (-)	050/	4407	0001				
Hours with Fan-only (No cool or dehumid) (%)	25%	41%	80%				
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.32				
Average Temperature (F)	/0.5	76.9	6.11		l		

2002	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
Jul								
Total Hours (%)	98%	61%	17%	1%	0%			
Hours With Any Cooling (%)	77%	66%	35%	25%	0,0			
Avg. Cooling Runtime Fraction (-)	0.55	0.50	0.39	0.02				
Hours with Any Dehumid. (%)								
Average Dehumid, Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)	22%	34%	64%	75%				
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.32	0.28				
Average Temperature (F)	76.4	77.0	77.3	76.6				
Aug								
Total Hours (%)	61%	9%	1%	0%	0%			
Hours With Any Cooling (%)	68%	52%	67%	100%				
Avg. Cooling Runtime Fraction (-)	0.53	0.59	0.50	0.32				
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)	32%	48%	33%	0%				
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33					
Average Temperature (F)	76.5	77.0	78.0	78.7				
Sep								
Total Hours (%)	82%	15%	0%	0%	0%			
Hours With Any Cooling (%)	67%	50%	50%					
Avg. Cooling Runtime Fraction (-)	0.45	0.36	0.31					
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)	32%	50%	50%					
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.34					
Average Temperature (F)	75.8	76.5	77.3					
Oct								
Total Hours (%)	75%	12%	1%	0%	0%			
Hours With Any Cooling (%)	52%	45%	43%					
Avg. Cooling Runtime Fraction (-)	0.40	0.52	0.89					
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)	170/	===:/						
Hours with Fan-only (No cool or dehumid) (%)	47%	55%	57%					
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33					
Average Temperature (F)	/5.2	76.0	76.6					
NOV								
Hours With Any Cooling (%)								
Ava Cooling Puntime Fraction (-)								
Hours with Any Dobumid (%)								
Average Debumid Puntime Fraction (-)								
Hours with Ean-only (No cool or debumid) (%)								
Average Ean-Only Runtime Fraction (-)								
Average Temperature (F)								
Dec								
Total Hours (%)								
Hours With Any Cooling (%)								
Ava. Cooling Runtime Fraction (-)								
Hours with Any Dehumid (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)								
Table 62. Site 17 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002	Relative Humidity Threshold		2002	Relative Humidity Thres			reshold	shold			
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan Total Hours (%)	61%	37%	16%	6%	0%	Jui Total Hours (%)	97%	50%	7%	0%	0%
Hours With Any Cooling (%)	10%	17%	31%	21%	0/0	Hours With Any Cooling (%)	78%	59%	45%	070	070
Avg. Cooling Runtime Fraction (-)	0.28	0.28	0 23	0.17		Avg. Cooling Runtime Fraction (-)	0.55	0.48	0.43		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	90%	83%	69%	79%	,	Hours with Fan-only (No cool or dehumid) (%)	22%	40%	55%		
Average Fan-Only Runtime Fraction (-)	0.27	0.28	0.28	0.28	1	Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.32		
Average Temperature (F)	70.7	71.8	3 73.0	74.2	2	Average Temperature (F)	75.4	76.3	76.5		
Feb					1	Aug					
Total Hours (%)	64%	25%	5%	0%	0%	Total Hours (%)	48%	2%	0%	0%	0%
Hours With Any Cooling (%)	1%	2%	0%			Hours With Any Cooling (%)	64%	65%	100%		
Avg. Cooling Runtime Fraction (-)	0.46	0.59)			Avg. Cooling Runtime Fraction (-)	0.52	0.57	0.32		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	98%	98%	100%			Hours with Fan-only (No cool or dehumid) (%)	35%	35%	0%		
Average Fan-Only Runtime Fraction (-)	0.26	0.28	8 0.28			Average Fan-Only Runtime Fraction (-)	0.33	0.33			
Average Temperature (F)	70.3	71.6	6 72.7			Average Temperature (F)	75.9	77.1	77.9		
Mar						Sep					
Total Hours (%)	75%	57%	29%	4%	0%	Total Hours (%)	67%	8%	0%	0%	0%
Hours With Any Cooling (%)	26%	32%	45%	56%	•	Hours With Any Cooling (%)	61%	42%			
Avg. Cooling Runtime Fraction (-)	0.23	0.23	8 0.20	0.18		Avg. Cooling Runtime Fraction (-)	0.40	0.28			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	74%	67%	55%	44%		Hours with Fan-only (No cool or dehumid) (%)	38%	58%			
Average Fan-Only Runtime Fraction (-)	0.28	0.28	8 0.28	0.28	6	Average Fan-Only Runtime Fraction (-)	0.33	0.33			
Average Temperature (F)	71.9	72.3	3 73.4	73.7	·	Average Temperature (F)	75.0	75.9			
Apr	10001		700/			Oct		===			
I otal Hours (%)	100%	100%	72%	20%	0%	I otal Hours (%)	61%	5%	0%	0%	0%
Hours With Any Cooling (%)	44%	44%	39%	29%		Hours With Any Cooling (%)	47%	48%	0%		
Avg. Cooling Runtime Fraction (-)	0.38	0.37	0.26	0.23	•	Avg. Cooling Runtime Fraction (-)	0.36	0.46			
Hours with Any Denumid. (%)						Hours with Any Dehumid. (%)					
Average Denumid. Runtime Flaction (-)	E 20/	E 20/	E70/	CE0/		Average Denumic. Rumine Fraction (-)	E10/	E20/	100%		
Average Ean-Only (No cool of definiting) (%)	0.30	0.30	0 30	0.32))	Average Ean-Only Puntime Fraction (-)	0.33	0.33	0.33		
	74.3	74 3	74.5	75.4			74.1	75.0	79.4		
May	74.5	74.0	74.5	75.4	r	Nov	74.1	75.0	75.4		
Total Hours (%)	100%	76%	20%	4%	0%	Total Hours (%)					
Hours With Any Cooling (%)	59%	49%	20%	27%	0/0	Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.45	0.40	0.26	0.40	1	Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)	0.10	0.40	0.20	0.40		Hours with Any Dehumid (%)					
Average Dehumid Runtime Fraction (-)						Average Dehumid Runtime Fraction (-)	-				
Hours with Fan-only (No cool or dehumid) (%)	40%	50%	70%	73%		Hours with Ean-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.33	0.33	1	Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	74.9	75.1	76.3	77.5	5	Average Temperature (F)					
Jun						Dec					
Total Hours (%)	99%	47%	5%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	75%	54%	19%			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.48	0.34	0.15			Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	25%	45%	81%			Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.33	0.33	0.32			Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	75.3	76.0	76.6			Average Temperature (F)					
		0.0		1	1			1	1		

Note: Average Runtime Fractions only include periods where the runtime is greater than zero.

2001		Relative	e Humidity T	hreshold		2001		Relative	Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
1											
Jan Total Hours (%	\					Jui Total Hours (%	6) <u>100%</u>	71%	17%	3%	19
Hours With Any Cooling (%	<u>.</u>					Hours With Any Cooling (9	6) 100 <i>%</i>	96%	85%	100%	100%
Avg. Cooling Runtime Fraction (-	<u>.</u>					Avg. Cooling Runtime Fraction	-) 0.60	0.47	0.28	0.74	0.9
Hours with Any Debumid (%						Hours with Any Debumid (-) 0.00 ()	0.47	0.20	0.74	0.0
Average Debumid Runtime Fraction (-	<u></u>					Average Debumid, Runtime Fraction	-)		-		
Hours with Ean-only (No cool or dehumid) (%	() ————————————————————————————————————					Hours with Eap-only (No cool or debumid) (9	() 0%	0%	0%	0%	
Average Eap-Only Puntime Eraction (-	()————————————————————————————————————					Average Ean-Only Puntime Fraction	o) 078	078	078	070	07
	()						765	76.1	75.8	75 /	75
Feb	<u> </u>			1	<u> </u>) 70.5	70.1	75.0	75.4	75.
Total Hours (%	\		1			Total Hours (() 100%	55%	12%	0%	0%
Hours With Any Cooling (%)	(⊢−−−−−					Hours With Any Cooling (9	() 00%	07%	12/0	100%	, 0 7
Ava Cooling Puntimo Frontion ((⊢−−−−					Avg. Cooling Puntime Fraction	o) 90%	91%	0.20	0.10	<u>.</u>
Avg. Cooling Runtime Flaction (-	(Avg. Cooling Runtime Flaction	-) 0.55	0.32	0.20	0.10	1
Average Debumid Duptime Freetien (7)	(Hours with Any Denumid. (7	0)				
Average Denumid. Ruhume Fraction (-	(Average Denumid. Runtime Fraction	-)	00/			
Hours with Fan-only (No cool or denumid) (%	(Hours with Fan-only (No cool or denumid) (%	o) 0%	0%	0%	0%	,
Average Fan-Only Runtime Fraction (-	<u>'</u>					Average Fan-Only Runtime Fraction	-)	70.4	75.4	75.0	
Average Temperature (F	4				<u> </u>	Average Temperature (-) //.4	76.4	75.1	/5.2	
Mar Tatalila a (0/	、	1	1	T		Sep	() 4000(0.4.0/	0.001		
I otal Hours (%	<u>'</u>					I otal Hours (%	6) 100%	81%	32%	8%	, 0%
Hours With Any Cooling (%	<u>/</u>					Hours With Any Cooling (%	6) 83%	79%	11%	/8%	, 100%
Avg. Cooling Runtime Fraction (-	/					Avg. Cooling Runtime Fraction	-) 0.47	0.36	0.21	0.11	0.3
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%	6)				-
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction	-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (9	6) 0%	0%	0%	0%	» 0%
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction	-)				
Average Temperature (F	1					Average Temperature (-) 75.8	75.6	75.3	76.3	75.0
Apr		1	1	1		Oct				1 100	1
I otal Hours (%	/					I otal Hours (%	6) 100%	90%	36%	1%	, 0%
Hours With Any Cooling (%)					Hours With Any Cooling (9	6) 21%	17%	6%	0%	1
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction	-) 0.42	0.27	0.08		
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%	6)				-
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction	-)				-
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%	6) 0%	0%	0%	0%	1
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction	-)				
Average Temperature (F)					Average Temperature (-) 73.8	73.7	73.7	72.7	1
Мау		1	-			Nov		1	T	T	
Total Hours (%)					Total Hours (%	6) 100%	98%	67%	5%	» 0%
Hours With Any Cooling (%)					Hours With Any Cooling (9	6)				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction	-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%	6)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction	-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%	6)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction	-)				
Average Temperature (F)					Average Temperature (-) 73.7	73.7	73.6	73.1	73.2
Jun			<u>.</u>			Dec					
Total Hours (%) 100%	75%	27%	7%	0%	Total Hours (%	6)				
Hours With Any Cooling (%) 90%	87%	93%	91%	100%	Hours With Any Cooling (%	6)				
Avg. Cooling Runtime Fraction (-) 0.57	0.45	0.20	0.09	0.38	Avg. Cooling Runtime Fraction	-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%	6)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction	-)				
Hours with Fan-only (No cool or dehumid) (%) 0%	0%	0%	0%	0%	Hours with Fan-only (No cool or dehumid) (%	6)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction	-)		1	1	
Average Temperature (F) 75.3	74.9	74.3	74.6	5 77.0	Average Temperature (-)				

Table 63. Site 18 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative	e Humidity T	hreshold		2001		Relative	Humidity Tl	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan	<u> </u>			1		Jui	000/	2.40/	00/	00(00/
Lioure With Any Cooling (%)	(<u> </u>					Lioura With Any Cooling (%)	89%	34%	2%	0%	0%
Ava Cooling Puptimo Fraction (()————————————————————————————————————					Ava Cooling Puntime Fraction (97%	92%	0.49		
Hours with Any Dohumid (%)	<u></u>					Avg. Cooling Runtime Fraction (-)	0.50	0.20	0.40		
Average Debumid Puptime Fraction (-)	(Average Debumid, Runtime Fraction (-)	<			<u> </u>	t
Hours with Eap only (No cool or dobumid) (%)	<u></u>					Hours with Ean only (No cool or dobumid) (%)	00/	0%	09/	<u> </u>	<u> </u>
Average Eap-Only Ruptime Fraction (-)	(Average Eap-Only Puntime Eraction (-)	070	0%	076	<u> </u>	t
Average Fail-Only Runtime Fraction (-)	<u>.</u>					Average Fair-Only Runnine Fraction (-)	74.1	74.2	74.4	<u> </u>	t
Feb	4						74.1	74.2	74.4	L	L
Total Hours (%)	\			1		Total Hours (%)	75%	24%	5%	0%	0%
Hours With Any Cooling (%)	Ń					Hours With Any Cooling (%)	98%	99%	100%	070	070
Ava Cooling Puntime Fraction (-)	(<u> </u>					Ava Cooling Ruptime Fraction (-)	0.44	0.21	0.15	<u> </u>	t
Hours with Any Dohumid (9/	<u></u>					Hours with Any Dobumid (%)	0.44	0.21	0.15	<u> </u>	<u> </u>
Average Debumid Buptime Fraction (-)	(Average Debumid, Runtime Fraction (-)	<			<u> </u>	t
Hours with Ean-only (No cool or debumid) (%)	<u> </u>					Hours with Ean-only (No cool or dehumid) (%)	0%	0%	0%	<u> </u>	t
Average Eap-Only Ruptime Fraction (-)	(Average Eap-Only Puntime Eraction (-)	070	0%	076	<u> </u>	t
Average Fail-Only Runtime Fraction (-)	<u>.</u>					Average Fair-Only Runnine Fraction (-)	74.6	74.2	72.0	<u> </u>	<u> </u>
Average Temperature (F)	4				1	Son	74.0	14.2	13.0	L	L
Total Hours (%)	\			1		Total Hours (%)	87%	47%	17%	1%	0%
Hours With Any Cooling (%)	<u> </u>					Hours With Any Cooling (%)	82%	47 /0	87%	75%	070
Ava Cooling Puntimo Erostion ((Ava Cooling Puptimo Fraction (0.42	0.22	01%	0.11	<u> </u>
Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runtime Fraction (-)	0.42	0.32	0.15	0.11	<u> </u>
Average Debumid Duptime Freetien ((<u> </u>					Average Debumid, Buntime Frection (7)				<u> </u>	<u> </u>
Average Denumid. Runtime Fraction (-)	()					Average Denumid. Runtime Fraction (-)	00/	00/	09/	00/	<u> </u>
Hours with Fan-Only (No cool of denumid) (%)	(<u> </u>					Average For Only (No cool of definition) (%)	0%	0%	0%	0%	<u> </u>
Average Fan-Only Runtime Fraction (-)	<u></u>					Average Fan-Only Runnine Fraction (-)	72.0	74.0	74.0	76.0	
Average Temperature (F)	4					Average remperature (F)	13.0	14.2	74.0	70.0	L
Total Hours (%)	\			1		Total Hours (%)	87%	36%	2%	0%	0%
Hours With Any Cooling (%)	Ś.					Hours With Any Cooling (%)	10%	16%	2.70	070	070
Ava Cooling Runtime Fraction (-)	(Ava, Cooling Runtime Fraction (-)	0.34	0.15		<u> </u>	t
Hours with Any Debumid (%)	Ś.					Hours with Any Debumid (%)	0.34	0.15		<u> </u>	t
Average Debumid, Puntime Fraction (-)	(— — — — — — — — — — — — — — — — — — —					Average Debumid Puptime Fraction (-)	(<u> </u>	t
Hours with Ean-only (No cool or debumid) (%)	<u></u>					Hours with Ean-only (No cool or dehumid) (%)	0%	0%		<u> </u>	t
Average Eap-Only Puntime Eraction (-)	(— — — — — — — — — — — — — — — — — — —					Average Ean-Only Runtime Fraction (-)	0/0	078		<u> </u>	t
	(71 0	72.6	73 3	<u> </u>	t
May	1					Nov	71.5	72.0	10.0	J	J
Total Hours (%)	\					Total Hours (%)	91%	44%	0%	0%	0%
Hours With Any Cooling (%)	1					Hours With Any Cooling (%)	0170		070	0,0	
Avg. Cooling Runtime Fraction (-)	Ń.					Avg. Cooling Runtime Fraction (-)	(
Hours with Any Dehumid (%)	1					Hours with Any Dehumid (%)	(<u> </u>	<u> </u>
Average Debumid Runtime Fraction (-)	(Average Debumid Runtime Fraction (-)	(<u> </u>	<u> </u>
Hours with Ean-only (No cool or debumid) (%)	1					Hours with Fan-only (No cool or dehumid) (%)	(
Average Ean-Only Runtime Fraction (-)	(Average Ean-Only Runtime Fraction (-)	(<u> </u>	<u> </u>
	(71.5	71.8	71.0	<u> </u>	t
	1					Dec	71.5	71.0	71.5	J	J
Total Hours (%)	92%	49%	14%	1%	0%	Total Hours (%)					T
Hours With Any Cooling (%)	80%	93%	010/	710/	578	Hours With Any Cooling (%)	(<u> </u>			t	t
Ava Cooling Runtime Fraction (-)	054	0.37	0.13	0.18		Ava, Cooling Runtime Fraction (-)	(t	t
Hours with Apy Debuggid (9/	0.34	0.37	0.13	0.10		Hours with Any Dehumid (9/	(<u> </u>			<u> </u>	
Average Dehumid Puntime Fraction ((1	1		<u> </u>	Average Debumid, Puntime Fraction ((<u> </u>			t	1
Hours with Ean-only (No cool or dobumid) (0/	00/	00/	00/	00/	<u> </u>	Hours with Ean-only (No cool or dobumid) (9/	(t	1
Average Eap-Only Puntime Fraction (/0%	0%	0%	0%		Average Eas-Only Puntime Fraction ((— — — — — — — — — — — — — — — — — — —	-		t	1
Average Fair-Only Runnine Flaction (-)	72.2	72 0	72 4	74 0		Average Fair-Only Runnine Flaction (-)	(t	t
Average remperature (F)	/ 13.2	. 13.0	73.4	14.0	1	Average remperature (F)	1	1		L	1

Table 64. Site 18 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 65. Site 18 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

Abo\

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Average Temperature (F)

Average Temperature (F)

2002

Month

Jan

Feb

Mar

Apr

May

Jun

	Relative	Humidity Th	reshold		2002		Relative	Humidity Th	reshold	
ve 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
700/	500/	500/	407		Jul	000/	E 40/	00/	00/	00/
73%	59%	50%	4%	0%	I otal Hours (%)	96%	54%	9%	0%	0%
19%	23%	25%	50%		Hours With Any Cooling (%)	99%	98%	98%		
0.19	0.17	0.13	0.08		Avg. Cooling Runtime Fraction (-)	0.55	0.39	0.21		
					Average Debumid, Buntime Fraction ()					
0%	0%	0%	0%		Hours with Eap-only (No cool or debumid) (%)	0%	0%	0%		
0 78	078	078	078		Average Ean-Only Runtime Fraction (-)	078	078	078		
76.0	76.2	76.6	77.3		Average Temperature (F)	76.1	75.8	75 5		
10.0	10.2	10.0	11.0		Aug	70.1	10.0	10.0		
19%	6%	0%	0%	0%	Total Hours (%)	61%	16%	1%	0%	0%
24%	28%				Hours With Any Cooling (%)	99%	99%	100%		
0.15	0.09				Avg. Cooling Runtime Fraction (-)	0.39	0.25	0.13		
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
0%	0%				Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
					Average Fan-Only Runtime Fraction (-)					
74.2	74.4				Average Temperature (F)	75.6	75.6	75.7		
					Sep					
69%	52%	24%	1%	0%	Total Hours (%)	74%	20%	1%	0%	0%
34%	42%	35%	0%	0%	Hours With Any Cooling (%)	90%	87%	100%		
0.28	0.27	0.10			Avg. Cooling Runtime Fraction (-)	0.35	0.22	0.20		
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
0%	0%	0%	0%	0%	Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
					Average Fan-Only Runtime Fraction (-)					
74.3	74.7	74.7	75.0	75.2	Average Temperature (F)	74.6	74.7	74.3		
4000/	0.40/	400/	00/	00/	Oct	050/	F7 0/	450/	00/	00/
100%	84%	43%	8%	0%	I otal Hours (%)	95%	57%	15%	0%	0%
55%	52%	34%	9%		Hours With Any Cooling (%)	65%	60%	53%		
0.40	0.37	0.13	0.05		Avg. Cooling Runtime Fraction (-)	0.29	0.21	0.17		
					Average Debumid, Buntime Fraction ()					
0%	0%	0%	0%		Hours with Ean only (No cool or dobumid) (%)	0%	0%	0%		
0 78	078	078	078		Average Ean-Only Runtime Fraction (-)	078	078	078		
74 2	74.3	74 7	75.4		Average Temperature (F)	74 4	74 1	74 1		
	1 110		10.1		Nov					
99%	61%	11%	1%	0%	Total Hours (%)					
76%	69%	61%	50%	67%	Hours With Any Cooling (%)					
0.47	0.31	0.20	0.42	0.42	Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
0%	0%	0%	0%	0%	Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
74.4	74.3	74.7	74.1	73.2	Average Temperature (F)					
					Dec					
96%	57%	12%	0%	0%	Total Hours (%)					
93%	90%	83%	100%		Hours With Any Cooling (%)					
0.52	0.35	0.18	0.21]	Avg. Cooling Runtime Fraction (-)					
]	Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
0%	0%	0%	0%		Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
75.2	74.8	75.0	76.6		Average Temperature (F)					

Table 66. Site 18 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

2002		Relative	Humidity T	hreshold		2002		Relative	Humidity Th	reshold	
Nonth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lan						Jul					
Total Hours (%)	59%	40%	0%	0%	0%	Total Hours (%)	86%	38%	1%	0%	0%
Hours With Any Cooling (%)	22%	29%	100%			Hours With Any Cooling (%)	99%	98%	100%		
Avg. Cooling Runtime Fraction (-)	0.15	0.13	0.11			Avg. Cooling Runtime Fraction (-)	0.54	0.31	0.21		
Hours with Any Denumid. (%)						Hours with Any Denumid. (%)]	
Average Denumic. Runtime Fraction (-)	00/	00/	00/			Average Denumid. Runtime Fraction (-)	00/	00/	00/]	
Hours with Fan-only (No cool of denumid) (%)	0%	0%	0%			Hours with Fan-only (No cool of denumid) (%)	0%	0%	0%		-
Average Fait-Only Runnie Fraction (-)	74.5	747	74.0			Average Fail-Only Runtime Fraction (-)	747	75.0	74.9		
Average Temperature (F)	74.5	74.7	74.9			Average Temperature (F)	74.7	75.0	74.0		
Total Hours (%)	2%	0%	0%	0%	0%	Total Hours (%)	39%	4%	0%	0%	0%
Hours With Any Cooling (%)	43%	070	070	070	070	Hours With Any Cooling (%)	100%	100%	070	070	0,1
Avg. Cooling Runtime Fraction (-)	0.20					Avg. Cooling Runtime Fraction (-)	0.32	0.20			
Hours with Any Dehumid (%)	0.20					Hours with Any Dehumid (%)	0.02	0.20			
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%					Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	71.8					Average Temperature (F)	74.7	74.9		+	
Nar			1			Sep					
Total Hours (%)	50%	23%	1%	0%	0%	Total Hours (%)	50%	6%	0%	0%	0%
Hours With Any Cooling (%)	44%	42%	0%			Hours With Any Cooling (%)	89%	98%			
Avg. Cooling Runtime Fraction (-)	0.28	0.15				Avg. Cooling Runtime Fraction (-)	0.32	0.24			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.7	72.8	74.8			Average Temperature (F)	74.0	74.2			
\pr						Oct					
Total Hours (%)	97%	58%	14%	0%	0%	Total Hours (%)	84%	35%	5%	0%	0%
Hours With Any Cooling (%)	55%	48%	33%			Hours With Any Cooling (%)	64%	63%	38%	I	
Avg. Cooling Runtime Fraction (-)	0.47	0.24	0.08			Avg. Cooling Runtime Fraction (-)	0.26	0.20	0.29	I	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)	70.0	70.0	74.0			Average Fan-Only Runtime Fraction (-)	70.0	70.0	70.4]	
Average Temperature (F)	12.0	13.2	74.3			Average Temperature (F)	73.0	13.3	73.4		
nay Total Hours (%)	90%	42%	2%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	74%	72%	60%	070	070	Hours With Any Cooling (%)					
Ava Cooling Runtime Fraction (-)	0.45	0.26	0.16			Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)	0.10	0.20	0.10			Hours with Any Dehumid (%)					
Average Dehumid Runtime Fraction (-)						Average Debumid Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Ean-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	070	0,0	070			Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.2	73.7	74.2			Average Temperature (F)					
lun			1			Dec		11			
Total Hours (%)	83%	37%	5%	0%	0%	Total Hours (%)				1	
Hours With Any Cooling (%)	92%	85%	85%	100%		Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.47	0.26	0.15	0.21		Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%		Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.9	74.2	74.6	75.9		Average Temperature (F)					
· · · · · · · · · · · · · · · · · · ·											

2001		Relative	e Humidity Tl	hreshold		2001			Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan Total Hours (%)	, <u> </u>					Jul	Total Hours (%)	910/	0%	0%	09/	00
Hours With Any Cooling (%)	(10tal Hours (%)	70/	9%	0%	0%	0%
Ava Cooling Puptime Fraction (-	<u>.</u>						time Eraction (-)	0.26	3%			-
Hours with Any Debumid (%	() ————————————————————————————————————					Hours with Ar	w Debumid (%)	0.20	0.04			-
Average Debumid Ruptime Fraction (-	<u>.</u>						time Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%	í –					Hours with Ean-only (No cool	or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-	í.					Average Fan-Only Run	time Fraction (-)	070	070			
Average Temperature (F	ý l					Average	Cemperature (F)	78 1	79 1	79.4		
Feb	<u>'</u>		I	1	-	Aug		1011				L
Total Hours (%)						Total Hours (%)	74%	13%	7%	0%	0%
Hours With Any Cooling (%)					Hours With	Any Cooling (%)	79%	25%	10%		
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Run	time Fraction (-)	0.22	0.10	0.06		
Hours with Any Dehumid. (%)					Hours with Ar	v Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Run	time Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool	or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Run	time Fraction (-)					
Average Temperature (F)					Average	Femperature (F)	79.2	78.5	78.4		
Mar	1	1				Sep						
Total Hours (%)						Total Hours (%)	95%	45%	6%	0%	0%
Hours With Any Cooling (%)					Hours With	Any Cooling (%)	70%	61%	45%		
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Run	time Fraction (-)	0.20	0.18	0.10		
Hours with Any Dehumid. (%)					Hours with Ar	y Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Run	time Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool	or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Run	time Fraction (-)					
Average Temperature (F)					Average	Femperature (F)	76.6	77.6	78.7		
Apr						Oct						
Total Hours (%)						Total Hours (%)	81%	48%	9%	0%	0%
Hours With Any Cooling (%)					Hours With	Any Cooling (%)	39%	41%	12%		
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Run	time Fraction (-)	0.15	0.13	0.11		
Hours with Any Dehumid. (%)					Hours with Ar	ny Dehumid. (%)	1				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Run	time Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool	or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Run	time Fraction (-)					
Average Temperature (F)					Average 1	Femperature (F)	73.8	74.6	76.1		
Мау		1	1	1		Nov						1
Total Hours (%)						Total Hours (%)	93%	65%	31%	1%	0%
Hours With Any Cooling (%)					Hours With	Any Cooling (%)	14%	7%	9%	10%	
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Run	time Fraction (-)	0.15	0.09	0.08	0.08	
Hours with Any Dehumid. (%)					Hours with Ar	y Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Run	time Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool	or dehumid) (%)	0%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Run	time Fraction (-)					
Average Temperature (F)					Average	l emperature (F)	/1.9	73.2	73.9	74.6	
Jun Taratika (27)	1000		00/		001	Dec	Tatal I laura (0()	4000/	010/	000/	400/	70
I otal Hours (%) 100%	0%	0%	0%	0%	11	Total Hours (%)	100%	91%	60%	40%	/%
Hours With Any Cooling (%	(⊢					Hours With A	Any Cooling (%)	0%	0%	0%	0%	0%
Avg. Cooling Runtime Fraction (-	(⊢−−−−−				<u> </u>	Avg. Cooling Run	ume Fraction (-)					
Hours with Any Dehumid. (%	<u>.</u>				<u> </u>	Hours with Ar	iy Denumid. (%)	·				
Average Denumid. Runtime Fraction (-	(⊢────				<u> </u>	Average Denumid. Run	ume Fraction (-)		00/	00/	00/	
Hours with Fan-only (No cool or dehumid) (%	(⊢−−−−−				<u> </u>	Hours with Fan-only (No cool	or aenumia) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-	/ 72.0					Average Fan-Only Run	Inne Fraction (-)	60.0	60.4	74.0	70 7	74
Average Temperature (F	/ /3.6		1	1		Average	remperature (F)	8.80	69.1	71.0	12.1	/4.4

Table 67. Site 19 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative	e Humidity T	hreshold		2001		Relative	Humidity Tl	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
len						had a second sec					
Jan Total Hours (%)	\	1				Jui	420/	10/	0%	0%	0%
Hours With Any Cooling (%)	<u></u>					Hours With Any Cooling (%)	42 /0	170	076	076	0%
Ava Cooling Ruptime Fraction (<u></u>					Avg. Cooling Puntime Fraction (070				
Avg. Cooling Runtime Flaction (-)	2					Avg. Cooling Runtime Fraction (-)	0.22				<u> </u>
Average Debumid Duptime Fraction (2					Average Debumid Buntime Freetien (<u> </u>
Average Denumid. Runtime Fraction (-)	2					Average Denumid. Rumine Fraction (-)	00/				<u> </u>
Hours with Fan-only (No cool or denumid) (%)	2					Hours with Fan-only (No cool of denumid) (%)	0%	•			<u> </u>
Average Fan-Only Runtime Fraction (-,	2					Average Fan-Only Runtime Fraction (-	77.0	70.0			<u> </u>
Average Temperature (F))					Average Temperature (F)	//.8	78.3			1
Feb		1	1	T		Aug	0.40/	100(40/	00/	
I otal Hours (%)	2					I otal Hours (%)	31%	10%	4%	0%	0%
Hours with Any Cooling (%)	2					Hours With Any Cooling (%)	57%	12%	6%		+
Avg. Cooling Runtime Fraction (-,	2					Avg. Cooling Runtime Fraction (-)	0.14	0.06	0.05		l
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)					l
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)					l
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		l
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-					l
Average Temperature (F))					Average Temperature (F)	78.2	78.0	78.1		1
Mar			1			Sep		1	1	1	1
Total Hours (%))					Total Hours (%)	71%	25%	3%	0%	0%
Hours With Any Cooling (%))					Hours With Any Cooling (%)	64%	49%	24%		
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)	0.19	0.12	0.09		
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F))					Average Temperature (F)	76.3	77.4	78.0		
Apr		•				Oct					•
Total Hours (%))					Total Hours (%)	73%	27%	3%	0%	0%
Hours With Any Cooling (%))					Hours With Any Cooling (%)	40%	25%	0%		
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)	0.14	0.12			
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F))					Average Temperature (F)	73.4	74.2	75.8		
Мау						Nov					
Total Hours (%))					Total Hours (%)	87%	60%	23%	0%	0%
Hours With Any Cooling (%))					Hours With Any Cooling (%)	11%	6%	7%		
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	0.13	0.09	0.07		
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%	0%	0%	0%		
Average Fan-Only Runtime Fraction (-	Ś					Average Fan-Only Runtime Fraction (-					
Average Temperature (F	Ś					Average Temperature (F	71.7	72.8	73.2		
Jun			1			Dec			1		
Total Hours (%)) 0%	0%	0%	0%	0%	Total Hours (%)	100%	90%	54%	34%	0%
Hours With Any Cooling (%))					Hours With Any Cooling (%)	0%	0%	0%	0%	
Avg. Cooling Runtime Fraction (-)	Ś.	1	1	1	1	Avg. Cooling Runtime Fraction (-)	576	270	570	270	
Hours with Any Dehumid (%)	Ś.	1	1		1	Hours with Any Dehumid (%)		1			
Average Dehumid Runtime Fraction (-)	<u> </u>		1		1	Average Dehumid, Runtime Fraction (-)		-			
Hours with Ean-only (No cool or debumid) (%)	(1		1	Hours with Ean-only (No cool or debumid) (%)	0%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-)	(<u> </u>					Average Ean-Only Runtime Fraction (-)	076	078	078	078	
Average Temperature (F)	(Average Temperature (F)	68.3	9.89	71 2	72 7	
Average reinperature (i)	/	1	1	1			00.0	00.0	11.2	12.1	1

Table 68. Site 19 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 69. Site 19 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

Above 50%

100%

18%

0.14

0%

66.3

41%

0%

0%

67.2

72%

17%

0.13

0%

70.7

100%

48%

0.21

0%

73.2

99%

71%

0.19

0%

75.5

97%

91% 0.21

0%

77.2

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Temperature (F)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

2002

Month

Jan

Feb

Mar

Apr

May

Jun

Relative	Humidity Th	nreshold		2002	Relative Humidity Threshold					
Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
67%	/10/	18%	1%	Jui Total Hours (%)	00%	17%	0%	0%	0%	
25%	41%	10%	1%	Hours With Any Cooling (%)	99%	17%	100%	0%	0%	
0.13	0 11	078	078	Avg. Cooling Runtime Fraction (-)	0.29	0.32	0.10			
0.15	0.11			Hours with Any Debumid (%)	0.25	0.02	0.10			
				Average Debumid Runtime Fraction (-)						
0%	0%	0%	0%	Hours with Ean-only (No cool or debumid) (%)	0%	0%	0%			
070	070	070	070	Average Fan-Only Runtime Fraction (-)	070	070	070			
67.9	69.4	71 7	72 1	Average Temperature (F)	75.9	75.9	77.3			
0110	00.1			Aug	10.0	10.0	1110	1		
14%	1%	0%	0%	Total Hours (%)	98%	33%	3%	0%	0%	
0%	0%			Hours With Any Cooling (%)	94%	96%	89%	100%		
				Avg. Cooling Runtime Fraction (-)	0.26	0.26	0.18	0.33		
				Hours with Any Dehumid. (%)		0.20				
				Average Dehumid, Runtime Fraction (-)						
0%	0%			Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%		
570	070			Average Fan-Only Runtime Fraction (-)	570	570	570	570		
68.6	69.6			Average Temperature (F)	76.6	76.4	76.0	76.3		
00.0	05.0			Sen	70.0	70.4	70.0	70.5		
59%	32%	5%	1%	Total Hours (%)	95%	44%	9%	0%	0%	
21%	29%	17%	0%	Hours With Any Cooling (%)	81%	81%	87%	070	070	
0.13	0.11	0.07	070	Avg. Cooling Runtime Fraction (-)	0.21	01/0	0.20			
0.15	0.11	0.07		Hours with Any Debumid (%)	0.21	0.15	0.20			
				Average Debumid Runtime Fraction (-)						
0%	0%	0%	0%	Hours with Eap-only (No cool or debumid) (%)	0%	0%	0%			
0%	076	076	076	Average Ean-Only Puntime Fraction (-)	076	076	076			
71.1	70.0	72.0	75.7	Average Fail-Only Runtime Flaction (-)	76.1	77 1	79 5			
71.1	12.2	73.9	75.7	Average Temperature (F)	70.1	11.1	76.5			
96%	57%	22%	0%	Total Hours (%)	100%	63%	16%	0%	0%	
47%	30%	18%	100%	Hours With Any Cooling (%)	60%	53%	13%	070	070	
0.21	0.14	0.08	0.05	Avg. Cooling Runtime Fraction (-)	0.21	0.18	0.24			
0.21	0.14	0.00	0.00	Hours with Any Debumid (%)	0.21	0.10	0.24			
				Average Debumid Runtime Fraction (-)						
0%	0%	0%	0%	Hours with Eap-only (No cool or debumid) (%)	0%	0%	0%			
078	078	078	0 78	Average Ean-Only Runtime Eraction (-)	078	078	078			
73.3	73.5	73.9	73.2	Average Tan-Only Runtime Traction (-)	74.5	74.5	74.8			
10.0	10.0	70.0	10.2	Nov	74.5	74.5	74.0			
46%	6%	∩%	0%	Total Hours (%)						
87%	75%	0 78	070	Hours With Any Cooling (%)						
07./0	0 13			Avg Cooling Runtime Fraction (-)						
0.19	0.13			Hours with Any Dehumid (%)						
				Average Debumid Runtime Fraction (-)						
0%	0%			Hours with Fan-only (No cool or debumid) (%)						
0%	0%			Average Ean-Only Runtime Fraction (-)						
75 5	77 0			Average Lan-Only Numme Flaction (-)						
73.3	11.0									
330/	10/-	0%	0%	Total Hours (%)						
0.10/	1/0	0%	0 /0	Hours With Any Cooling (%)						
94%	0.00			Avg. Cooling Puntime Erection ()						
0.19	0.09			Hours with Any Dobumid (9)						
				Average Debumid, Puptime Fraction ()						
00/	00/			Hours with Ean only (No and an deburned) (0)						
0%	0%			Hours with Fan-only (No cool of denumid) (%)						
76.0	70.0			Average Fan-Only Runtime Fraction (-)						
76.9	78.2			Average Temperature (F)						

Table 70. Site 19 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

Month Jan

Feb

Mar

Apr

May

Jun

2002		Relative	Humidity T	nreshold		2002		Relativ	e Humidity Th	reshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
n					1	Jul		T		,	
Total Hours (%)	100%	62%	27%	12%	1%	Total Hours (%) 46%	5 2%	ە0%	0%	0%
Hours With Any Cooling (%)	18%	22%	0%	0%	0%	Hours With Any Cooling (%) 95%	5 100%	2		
Avg. Cooling Runtime Fraction (-)	0.14	0.12				Avg. Cooling Runtime Fraction (-) 0.29	0.28	\$		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%	Hours with Fan-only (No cool or dehumid) (%) 0%	o 0%	>		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	65.7	67.5	69.7	71.5	71.8	Average Temperature (F) 75.1	76.6	j		
	0.40/	00/	00/	00/	00/	Aug			00(00/	00/
I otal Hours (%)	34%	8%	0%	0%	0%	Lieure With Any Casling (%) 61%	6%) U%	0%	0%
Hours with Any Cooling (%)	0%	0%				Hours with Any Cooling (%) 97%	83%	100%		
Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runtime Fraction (-) 0.20	0.15	0.25		
Average Debumid, Buntime Fraction ()						Hours with Any Denumid. (%	(l	
Average Denumic. Runnie Fraction (-)	0%	0%				Hours with Eap only (No cool or dehumid) (%)	00/	0%	l	
Average Ean-Only Runtime Eraction (-)	076	0%				Average Ean-Only Puntime Eraction () 076	07	5 076		
Average T an-Only Runnine Traction (-)	66.7	68.5					75 7	7 75 /	76.1		
Average remperature (r)	00.7	00.5			-	Son	/ /3./	13	70.1	L I	
Total Hours (%)	70%	50%	25%	2%	1%	Total Hours (%	.) 60%	20%	1%	0%	0%
Hours With Any Cooling (%)	18%	24%	20%	7%	0%	Hours With Any Cooling (%	82%	74%	100%	070	070
Ava Cooling Runtime Fraction (-)	0.13	0.13	0.09	0.06	070	Avg. Cooling Runtime Eraction (-	0 19	0 17	0 17		
Hours with Any Dehumid (%)	0.10	0.10	0.00	0.00		Hours with Any Dehumid (%) 0110				
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-	í.		-		
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%	Hours with Fan-only (No cool or dehumid) (%) 0%	0%	0%		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	70.1	71.0	71.7	74.9	74.9	Average Temperature (F) 76.1	77.6	5 77.8		
Dr						Oct	-			I	
Total Hours (%)	100%	75%	46%	9%	0%	Total Hours (%) 82%	29%	6%	0%	0%
Hours With Any Cooling (%)	48%	33%	23%	13%	•	Hours With Any Cooling (%) 53%	29%	a 10%		
Avg. Cooling Runtime Fraction (-)	0.21	0.16	0.11	0.09)	Avg. Cooling Runtime Fraction (-) 0.20	0.19	0.47		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%		Hours with Fan-only (No cool or dehumid) (%) 0%	0%	» 0%		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	72.5	72.6	73.0	73.3	6	Average Temperature (F) 73.9	74.2	2 74.1		
ау						Nov		T		· · · · · · · · · · · · · · · · · · ·	
Total Hours (%)	88%	18%	0%	0%	0%	Total Hours (%)				
Hours With Any Cooling (%)	69%	72%	67%			Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)	0.19	0.14	0.04			Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)	74.4	74.0	70.0			Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	74.4	74.8	76.9			Average Temperature (F	<u>/</u>			<u> </u>	
n Tetel Usure (0()	000/	00/	00/	00/	00/	Dec	、 <u> </u>	1		<u>г т</u>	
I otal Hours (%)	00%	2%	0%	0%	0%	i otal Hours (%	(+	+	╞────┤	
Hours with Any Cooling (%)	91%	94%	100%			Hours with Any Cooling (%	(+	+		
	0.20	0.16	0.10		+	Avg. Cooling Kuntime Fraction (-	(<u> </u>		+		
Average Debumid Puptime Fraction ()						Average Debumid Runtime Fraction ((<u> </u>	+	+	├	
Hours with Ean-only (No cool or debumid) (%)	0%	00/	00/			Hours with Eap-oply (No cool or dobumid) (%)	()————	+	+	├	
Average Fan-Only Runtime Fraction (-)	0%	0%	0%			Average Fan-Only Runtime Fraction (≾———	+	+	├	
Average i an-Only Runnine FidClion (-) Average Temperature (E)	76.3	77 3	77 7		+		───</td <td>+</td> <td>+</td> <td> </td> <td></td>	+	+		
Average reinperature (F)	10.3	11.3	11.1	1	1	Average rempetature (F	4	1		ıl	

Table 71. Site 20 Upstairs - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

Month Above 50%, Above 55%, Above 65%, Above 65%, Above 75%, Above 75%	2001		Relative	e Humidity Tl	hreshold		2001		Relative	Humidity Th	nreshold	
Jan Total Hours (%) Image: Cooling (%) State in the image: Cooling Runtime Fractic (%) State in the image: Cooling Runtime Frac	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan Total Hours (%) Image: Control Relation of the state of the s												
Initial Hours (%)	Jan		I				Jul	000/	00/	00/	00/	00/
Avg. Cooling Runtime Fraction () 30% 33% 1 Avg. Cooling Runtime Fraction () 30% 33% 1 Hours with Any Dehumid. (%) 1 4/g. Cooling Runtime Fraction () 1 1 Hours with Fan-only (No cool or dehumid) (%) 1 1 1 1 1 Average Temperature (F) 1 1 1 1 1 1 Feb 1 <td>I otal Hours (%)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>I otal Hours (%)</td> <td>38%</td> <td>2%</td> <td>0%</td> <td>0%</td> <td>0%</td>	I otal Hours (%)						I otal Hours (%)	38%	2%	0%	0%	0%
Average Lobunik Runitme Fraction (-) Average Detumid. Runitme Fraction (-) 0.32 0.33 Average Detumid. Runitme Fraction (-) Average Detumid. Runitme Fraction (-) 0.32 0.33 Average Detumid. Runitme Fraction (-) Average Detumid. Runitme Fraction (-) 0.32 0.33 Average Fan-Only Runitme Fraction (-) Average Tan-Only Runitme Fraction (-) Average Detumid. (%) Average Detumid. (%) Average Tan-Only Runitme Fraction (-) Average Detumid. (%) Average Tan-Only Runitme Fraction (-) Average Tan-Only Runitme Fraction (-) Average Tan-Only Runitme Fraction (-) Average Detumid. (%) Average Tan-Only Runitme Fraction (-) Average Tan-Only Runitme Fraction (-) <td< td=""><td>Hours With Any Cooling (%)</td><td></td><td></td><td></td><td></td><td></td><td>Hours With Any Cooling (%)</td><td>38%</td><td>33%</td><td></td><td></td><td></td></td<>	Hours With Any Cooling (%)						Hours With Any Cooling (%)	38%	33%			
Average Dehunik Control with Any Definition (%) Control with Any Definition (%) Hours with Fan-only (No cool or dehunid) (%) Average Dehunik Average Tem-Only Runtime Fraction (-) Average	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.32	0.35			
Average Definition. Rulinite Fraction (-) Image: Control of Contervice on Control of Control of Control of Control	Average Debumid Buntime Fraction ()						Average Debumid, Buptime Fraction ()					
Average Fan-Ohly Runtime Fraction (a) Average Temperature (F) Average Temp	Hours with Ean only (No cool or doburnid) (%)						Hours with Eap only (No cool or dobumid) (%)	0%	0%			
Average Tailor (in) Addition Fraction (i) Average Temperature (F) Average Temperature (F) Total Hours (%) Average Temperature (F) Total Hours (%) Average Temperature (F) Total Hours (%) Statistical Hours (%) <td>Average Ean-Only (No cool of denumid) (76)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Average Ean-Only Runtime Eraction (-)</td> <td>076</td> <td>0%</td> <td></td> <td></td> <td></td>	Average Ean-Only (No cool of denumid) (76)						Average Ean-Only Runtime Eraction (-)	076	0%			
Average Temperature (T) Average Temper	Average Tall-Only Runnine Traction (-)						Average Tan-Only Kultume Traction (-)	76.7	77 3			
No Total Hours (%) Image: Constraint of the second of the	Feh					· · · · · · · · · · · · · · · · · · ·		70.7	11.5			
Hours With Any Cooling (%) Image: Cooling Runtime Fraction (-) Image: Cooling Run	Total Hours (%)	-			1		Total Hours (%)	51%	9%	0%	0%	0%
Avg. Cooling Runtime Fraction (-) Avg. C	Hours With Any Cooling (%)	-					Hours With Any Cooling (%)	76%	65%	0,0	0,0	070
Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Average Fan-Only Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Mar Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Fan-only (No cool or dehumid) (%) Average Temperature (F) Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Any Cooling (%) Average Dehumid. Runtime Fraction (-) Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Any Cooling (%) Average Dehumid. Runtime Fraction (-) Hours With Any Dehumid. (%) Hours With Any Cooling (%) Hours With Any Cooling (%) Average Dehumid. Runtime Fraction (-) Hours With Any Dehumid. (%) Hours With Any Cooling (%) Hours With Any Cooling (%) Average Dehumid. Runtime Fraction (-) Hours With Fan-only (No cool or dehumid) (%) Hours With Any Dehumid. (%) Hours With Any Cooling (%) Average Dehumid. Runtime Fraction (-) Hours With Fan-only (No cool or dehumid) (%) Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Any Cooling (%) Average Temperature (F) Hours With Any Dehumid. (%) <t< td=""><td>Avg. Cooling Runtime Fraction (-)</td><td></td><td></td><td></td><td></td><td></td><td>Avg. Cooling Runtime Fraction (-)</td><td>0.27</td><td>0.19</td><td></td><td></td><td></td></t<>	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.27	0.19			
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Tensonly (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F) Average Temperature (F) Average Temperature (F) Mar Sep Sep Sep Muse Swith Any Cooling (%) Total Hours (%) Off 16% O% O% Average Dehumid. Runtime Fraction (-) Average Temperature (F) Sep Sep Sep Mar Kerage Dehumid. Runtime Fraction (-) Hours with Any Cooling (%) Off 16% 0% 0% Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Off 16% 0% 0% Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) 0.35 0.27 0.22 0.22 Hours with Fan-only (No cool or dehumid) (%) Average Dehumid. Runtime Fraction (-) Image: Cooling Runtime Fraction (-) <td>Hours with Any Dehumid. (%)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Hours with Any Dehumid. (%)</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Hours with Fan-only (No cool or dehumid) (%) Image: Cool of Cool	Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)					
Average Fan-Only Runtime Fraction (-) Average Temperature (F) Average Temperature (F) Average Temperature (F) Average Temperature (F) 76.1 75.5 Mar Total Hours (%) Average Temperature (F) 76.1 75.5 Sep Mar Average Temperature (F) 76.1 75.5 Sep Average Temperature (F) Average Temperature (F) 76.1 75.5 Sep Average Temperature (F) Average Temperature (F) 76.1 75.5 Sep Average Dehumid. Runtime Fraction (-) Hours with Any Dohumid. (%) Average Temperature (F) 76.1 <	Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Temperature (F) Average Temperature (F) 76.1 75.5 Image: Constraint of the state of the	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Mar Total Hours (%) Total Hours (%) G7% 16% 0% 0% 0% Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Any Cooling (%) Total Hours (%) 67% 16% 0%	Average Temperature (F)						Average Temperature (F)	76.1	75.5			
Total Hours (%) Total Hour	Mar					·	Sep				11	
Hours With Any Cooling (%) Hours With Any Cooling (%) 74% 67% 50% Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) 0.35 0.27 0.22 Hours with Any Dehumid. (%) Hours with Fan-only (No cool or dehumid) (%) 0% 0% Hours with Fan-only (No cool or dehumid) (%) 0% 0% Hours with Fan-only Runtime Fraction (-) Hours With Any Dehumid. (%) Ho	Total Hours (%)						Total Hours (%)	67%	16%	0%	0%	0%
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) 0.35 0.27 0.22 Hours with Any Dehumid. (%)	Hours With Any Cooling (%)						Hours With Any Cooling (%)	74%	67%	50%		
Hours with Any Dehumid. (%)	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.35	0.27	0.22		
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) 0% 0% Average Fan-Only Runtime Fraction (-) Average Temperature (F) Average Temperature (F) Average Temperature (F) T4.8 Average Temperature (F) Average Temperature (F) Average Temperature (F) T4.8 T4.8	Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) 0% 0% Average Fan-Only Runtime Fraction (-) Average Fan-Only Runtime Fraction (-) Average Fan-Only Runtime Fraction (-) Image: Content of the second se	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Average Fan-Only Runtime Fraction (-)	Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Temperature (F) Average Temperature (F) 75.0 74.8 73.2	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Apr	Average Temperature (F)						Average Temperature (F)	75.0	74.8	73.2		
	Apr		r	r	ir.		Oct					
Total Hours (%) Total Hours (%) 66% 17% 1% 0% 0%	Total Hours (%)						Total Hours (%)	66%	17%	1%	0%	0%
Hours With Any Cooling (%) 31% 19% 20%	Hours With Any Cooling (%)						Hours With Any Cooling (%)	31%	19%	20%		
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) 0.26 0.17 0.00	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.26	0.17	0.00		
Hours with Any Dehumid. (%)	Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	Average Dehumid. Runtime Fraction (-)	-					Average Dehumid. Runtime Fraction (-)		221			
Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) 0% 0%	Hours with Fan-only (No cool or dehumid) (%)	-					Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	74.0	70.4	70.0		
Average remperature (r) Average remperature (r) 74.0 73.1 73.2	Average Temperature (F)						Average Temperature (F)	74.0	73.1	73.2		
	Total Hours (%)						Nov	710/	1 / 0/	0%	0%	09/
Houre With Any Cooling (%) Houre With Any Cooling (%) 11/6 14/6 0 /6 <th0 6<="" th=""> 0 /6 <th0 6<="" th=""> <th0< td=""><td>Hours With Apy Cooling (%)</td><td></td><td></td><td></td><td></td><td></td><td>Hours With Any Cooling (%)</td><td>26%</td><td>14 %</td><td>0%</td><td>0%</td><td>076</td></th0<></th0></th0>	Hours With Apy Cooling (%)						Hours With Any Cooling (%)	26%	14 %	0%	0%	076
	Avg. Cooling Runtime Fraction (-)	-					Ava Cooling Runtime Fraction (-)	20%	9%			
	Avg. Cooling Runnine Flaction (-)						Avg. Cooling Runtime Fraction (-)	0.22	0.20			
	Average Debumid Buntime Fraction (-)						Average Debumid, Ruptime Fraction (-)					
	Hours with Ean-only (No cool or debumid) (%)						Hours with Ean-only (No cool or debumid) (%)	0%	0%			
	Average Fan-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)	0 /8	078			
	Average Temperature (F)						Average Tamony Kulturne Haction ()	73.9	73.3			
	Jun						Dec	10.0	70.0			
Total Hours (%) 47% 12% 1% 0% 0%	Total Hours (%)	47%	12%	1%	0%	0%	Total Hours (%)		I			
Hours With Any Cooling (%)	Hours With Any Cooling (%)	-170	1270	. 70	570	0,0	Hours With Any Cooling (%)					
	Avg. Cooling Runtime Fraction (-)	-					Avg Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	Hours with Any Dehumid (%)		1	1	1	1	Hours with Any Dehumid (%)					
Average Dehumid, Runtime Fraction (-)	Average Dehumid. Runtime Fraction (-)			1			Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	Hours with Fan-only (No cool or dehumid) (%)					<u> </u>	Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	Average Fan-Only Runtime Fraction (-)					<u> </u>	Average Fan-Only Runtime Fraction (-)					
Average Temperature (F) 76.4 76.7 76.0 75.2 Average Temperature (F)	Average Temperature (F)	76.4	76.7	76.0	75.2		Average Temperature (F)					

2001 Relative Humidity Threshold			2001 Relative Humidity Three			reshold						
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan	、	1	1	1		Jul	Tatal Haura (0/)	200/	00/	00/	00/	00/
Lioure With Any Cooling (%	(I otal Hours (%)	38%	2%	0%	0%	0%
Ava Cooling Puptime Fraction ((Ava Cooling Runtimo Erection ()	24%	0%			
Hours with Any Dohumid (%)	(Avg. Cooling Runtime Flaction (-)	0.33	0.27			
Average Debumid Puptime Fraction (~	<u>.</u>					A1	Hours with Arty Denumia. (78)					-
Hours with Ean only (No cool or dobumid) (%	(Hourow	ith Eap aply (No cool or dobumid) (%)	0%	0%			
Average Ean-Only Puntime Fraction (-	<u>.</u>						verage Ean-Only Runtime Eraction (-)	076	076			-
Average Fait-Only Kultume Fraction (-	<u>'</u>					~	Average Fail-Only Runtime Flaction (-)	76.7	77.2			-
Eab	<u> </u>					Aug	Average Temperature (T)	70.7	11.5			L
Total Hours (%)	\					Aug	Total Hours (%)	51%	9%	0%	0%	0%
Hours With Any Cooling (%	(Hours With Any Cooling (%)	85%	67%	070	070	07
Ava Cooling Runtime Fraction (-	<u></u>						Ava Cooling Runtime Fraction (-)	0.30	0178			
Hours with Any Debumid (%	(Hours with Any Debumid (%)	0.00	0.17			
Average Debumid Runtime Fraction (-	<u></u>					Δ	verse Debumid Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%	<u>.</u>					Hours w	ith Ean-only (No cool or debumid) (%)	0%	0%			
Average Ean-Only Runtime Fraction (-	<u></u>					A A	verage Ean-Only Runtime Fraction (-)	070	070			
	<u> </u>					,		76.1	75 5			
Mar	<u> </u>					Sen	Average Temperature (1)	70.1	10.0			L
Total Hours (%))					Cop	Total Hours (%)	67%	16%	0%	0%	0%
Hours With Any Cooling (%)	ý –						Hours With Any Cooling (%)	77%	59%	0%		
Avg. Cooling Runtime Fraction (-	Ś						Avg Cooling Runtime Fraction (-)	0.30	0.27	070		
Hours with Any Dehumid (%	<u>.</u>						Hours with Any Debumid (%)	0.00	0.21			
Average Debumid Runtime Fraction (-	<u></u>					Δ,	verage Debumid Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%	<u>.</u>					Hours w	ith Ean-only (No cool or debumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-	Ś					A	verage Ean-Only Runtime Fraction (-)	070	070	070		
Average Temperature (F	ý l						Average Temperature (F)	75.0	74 8	73.2		
Apr	<u> </u>	I		1	1	Oct	ritolago rompolataro (r /	10.0	1 110	1012		μ
Total Hours (%)						Total Hours (%)	66%	17%	1%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	47%	31%	0%		
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.22	0.17			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					A	verage Dehumid. Runtime Fraction (-)				-	
Hours with Fan-only (No cool or dehumid) (%)					Hours w	ith Fan-only (No cool or dehumid) (%)	0%	0%	0%	-	
Average Fan-Only Runtime Fraction (-)					A	verage Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)	74.0	73.1	73.2		
May						Nov	••••					
Total Hours (%))						Total Hours (%)	71%	14%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	46%	21%			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.17	0.14		-	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				-	
Average Dehumid. Runtime Fraction (-)					A	verage Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours w	ith Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)					A	verage Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)	73.9	73.3			
Jun						Dec						
Total Hours (%) 47%	12%	1%	0%	0%		Total Hours (%)				. <u></u>	
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					A	verage Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours w	ith Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					A	verage Fan-Only Runtime Fraction (-)					
Average Temperature (F) 76.4	76.7	76.0	75.2	2		Average Temperature (F)					

Table 72. Site 20 Upstairs - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 73. Site 20 Downstairs - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative	e Humidity Tl	hreshold		2001		Relative	e Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
_											
Jan			1	1		Jul					
Total Hours (%)						Total Hours (%)	38%	2%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	24%	8%			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-,	0.33	0.27			
Hours with Any Denumid. (%)						Hours with Any Denumid. (%)	?				
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-)	000	00/			
Hours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool or denumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	70 7	77.0			
Average Temperature (F)						Average Temperature (F)	/6./	11.3			
Total Hours (%)						Aug	E10/	0%	0%	0%	0%
Hours With Apy Cooling (%)						Hours With Any Cooling (%)	950/	970	0%	076	076
Avg. Cooling Puntimo Erostion ()						Avg. Cooling Puptime Fraction (0 20	01%			
Avg. Cooling Runtime Flaction (-)						Hours with Any Dobumid (%)	0.30	0.17			
Average Debumid, Runtime Eraction (-)						Average Debumid, Puptime Fraction (-)	<				
Hours with Ean-only (No cool or debumid) (%)						Hours with Eap-oply (No cool or debumid) (%)	0%	0%			
Average Ean-Only (No cool of dendrind) (70)						Average Eap-Only Puntime Eraction (-)	076	076			
Average Fail-Only Runnine Flaction (-)						Average Fait-Only Kulturile Fraction (-)	76.1	75.5			
Average remperature (F)					L	Average Temperature (F)	70.1	75.5			
Total Hours (%)						Total Hours (%)	67%	16%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	77%	59%	0%	070	070
Avg. Cooling Runtime Fraction (-)						Ava Cooling Runtime Fraction (-)	0.30	0.27	070		
Hours with Any Debumid (%)						Hours with Any Debumid (%)	0.50	0.21			
Average Debumid Runtime Fraction (-)						Average Debumid Runtime Fraction (-)	(
Hours with Ean-only (No cool or debumid) (%)						Hours with Ean-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)	070	070	070		
							75.0	74.8	73.2		
Apr		I			L	Oct	10.0	14.0	10.2		
Total Hours (%)						Total Hours (%)	66%	17%	1%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	47%	31%	0%		
Avg. Cooling Runtime Fraction (-)						Ava, Cooling Runtime Fraction (-)	0.22	0.17			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)	<u> </u>				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F	74.0	73.1	73.2		
May						Nov					
Total Hours (%)						Total Hours (%)	71%	14%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	46%	21%			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-	0.17	0.14			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%))				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)) 0%	0%			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-))				
Average Temperature (F)						Average Temperature (F)	73.9	73.3			
Jun						Dec					
Total Hours (%)	47%	12%	1%	0%	0%	Total Hours (%))				
Hours With Any Cooling (%)						Hours With Any Cooling (%))				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-))				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%))				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-))				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%))				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-))				
Average Temperature (F)	76.4	76.7	76.0	75.2		Average Temperature (F))				

2001		Relative	Humidity Th	reshold		2001			Relative H	umidity Th	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month		Above 50%	Above 55% A	bove 60%	Above 65%	Above 70%
lan						lul						
Total Hours (%)						Jotal	Hours (%)	12%	0%	0%	0%	0%
Hours With Any Cooling (%)	Ś					Hours With Any C	oling (%)	32%	0 / 0	070	070	
Avg. Cooling Runtime Fraction (-	Ś					Avg. Cooling Runtime F	raction (-)	0.23			-	
Hours with Any Dehumid (%	Ś					Hours with Any Deh	umid (%)) 0.20			-	
Average Dehumid, Runtime Fraction (-	Ś					Average Dehumid, Runtime F	raction (-)	Ś		-		
Hours with Fan-only (No cool or dehumid) (%	Ś					Hours with Fan-only (No cool or deh	umid) (%)	0%		-		
Average Fan-Only Runtime Fraction (-	Ś					Average Fan-Only Runtime F	raction (-)				
Average Temperature (F	Ó					Average Tempe	rature (F)	74.8				
Feb				1		Aug			I	-		
Total Hours (%))					Total I	Hours (%)) 22%	3%	0%	0%	0%
Hours With Any Cooling (%)					Hours With Any Co	oling (%)) 77%	83%			
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime F	raction (-)	0.22	0.20			
Hours with Any Dehumid. (%)					Hours with Any Deh	umid. (%))				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime F	raction (-))				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or deh	umid) (%)) 0%	0%			
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime F	raction (-))				
Average Temperature (F)					Average Tempe	rature (F)) 74.4	74.1			
Mar				•		Sep						
Total Hours (%)					Total	Hours (%)) 47%	5%	0%	0%	0%
Hours With Any Cooling (%)					Hours With Any Co	ooling (%)) 76%	71%			
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime F	raction (-)) 0.34	0.26			
Hours with Any Dehumid. (%)					Hours with Any Deh	umid. (%))				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime F	raction (-))				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or deh	umid) (%)) 0%	0%			
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime F	raction (-))				
Average Temperature (F)					Average Tempe	rature (F)) 73.5	73.6			1
Apr				1		Oct						
Total Hours (%)					Total	Hours (%)) 40%	8%	0%	0%	0%
Hours With Any Cooling (%)					Hours With Any Co	ooling (%)) 34%	10%			<u> </u>
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime F	raction (-) 0.22	0.08			
Hours with Any Dehumid. (%)					Hours with Any Deh	umid. (%))	⊢−−−−			<u> </u>
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime F	raction (-)	L			l
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or deh	umid) (%)) 0%	0%			<u> </u>
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime F	raction (-))				l
Average Temperature (F)					Average Tempe	rature (F)) 72.6	/1.2		L	1
May						NOV	La	470/	40/		00/	00
I otal Hours (%	2						Hours (%)) 47%	1%	0%	0%	0%
Hours With Any Cooling (%	2					Hours With Any Co	boling (%)	20%	0%			<u> </u>
Avg. Cooling Runtime Fraction (-	2					Avg. Cooling Runtime F	raction (-)	0.17				<u> </u>
Hours with Any Denumid. (%	2					Hours with Any Den	umia. (%)	2				<u> </u>
Average Denumid. Runtime Fraction (-	2					Average Denumid. Runume F)	00/			<u> </u>
Hours with Fan-only (No cool of denumid) (%	2					Hours with Fan-only (No cool of den	umia) (%)) 0%	0%			<u> </u>
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only Runtime F	raction (-)	72.0	70.4			<u> </u>
Average Temperature (F)					Average Tempe	rature (F)) 12.0	72.1		L	L
Juni Total Hours (%)	20%	40/	0%	0%	0%	Dec					T	
Hours With Apy Cooling (%)	29%	4 70	076	070	0%	Hours With Apy C		<u></u>				
Aug. Caping Dupting Frontian (7)	2					Aug. Cooling Puntime F	Dolling (%)	2				<u> </u>
Avy. Cooling Runtime Fraction (-	<hr/>						umid (%)	(<u> </u>	
Average Debumid, Buntime Erection ((— — — — — — — — — — — — — — — — — — —					nouis with Any Den	raction (%)	(— — — — — — — — — — — — — — — — — — —	 		<u> </u>	
Average Denumic. Rumine Fraction (-	<					Average Denumic. Runtime F	umid) (%)	(— — — — — — — — — — — — — — — — — — —	 		<u> </u>	
Average Ean Only Puntime Erection ((— — — — — — — — — — — — — — — — — — —					Average Eap Only Pusting F	raction (%)	(— — — — — — — — — — — — — — — — — — —	 		<u> </u>	
Average Fan-Only Runnine Fraction (-	75 4	75.0				Average Fan-Only Runtime F	raturo (E)	(<u> </u>	
Average Temperature (F	/ /5.1	/5.3				Average Tempe	rature (F))			L	

Table 74. Site 20 Downstairs - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

Table 75. Site 20 Upstairs - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
Total Hours (%)	31%	7%	1%	0%	00
Hours With Any Cooling (%)	27%	9%	0%		
Avg. Cooling Runtime Fraction (-)	0.24	0.13			
Hours with Any Dehumid. (%)					
Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	78.9	78.6	76.6		
Aug			1	1	1
Total Hours (%)	28%	8%	1%	0%	0
Hours With Any Cooling (%)	26%	33%	17%		
Avg. Cooling Runtime Fraction (-)	0.24	0.23	0.49		
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	79.6	79.0	78.4		
Sep			1	1	1
Total Hours (%)	52%	19%	3%	0%	0
Hours With Any Cooling (%)	5%	7%	16%		
Avg. Cooling Runtime Fraction (-)	0.21	0.24	0.16		
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	78.0	77.8	78.3		
Oct					
Total Hours (%)	78%	41%	15%	3%	0
Hours With Any Cooling (%)	4%	2%	0%	0%	0
Avg. Cooling Runtime Fraction (-)	0.28	0.10			
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	75.1	73.8	73.7	72.6	75
Nov					1
Total Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
Dec		1			1
I otal Hours (%)	-				
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					

2002		Relative	Humidity Th	reshold	-
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan	0.00/	700/	400/	00/	40/
Hours With Any Cooling (%)	83%	70%	48%	9%	1%
Ava Cooling Runtime Fraction (-)	0.24	4 %	0.05	0.02	076
Hours with Any Debumid (%)	0.24	0.24	0.05	0.02	
Average Debumid Runtime Fraction (-)					
Hours with Ean-only (No cool or debumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)	070	070	070	0,0	070
Average Temperature (F)	72.2	72.7	73.6	73.9	73.6
Feb		1			
Total Hours (%)	41%	20%	7%	2%	0%
Hours With Any Cooling (%)	1%	1%	4%	0%	0%
Avg. Cooling Runtime Fraction (-)	0.11	0.11	0.11		
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	70.8	71.7	70.6	70.6	66.7
Mar		1	1		I.
Total Hours (%)	72%	51%	19%	3%	1%
Hours With Any Cooling (%)	17%	12%	5%	0%	0%
Avg. Cooling Runtime Fraction (-)	0.44	0.32	0.15		
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)	70.4	70.0	70.4	70.0	CO 4
Average Temperature (F)	72.1	12.3	72.1	12.2	69.4
Apr Total Hours (%)	86%	51%	10%	6%	1%
Hours With Any Cooling (%)	51%	40%	1976	10%	0%
Ava Cooling Runtime Fraction (-)	0.46	40%	0.39	0.08	078
Hours with Any Debumid (%)	0.10	0.40	0.00	0.00	
Average Dehumid Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)	0,0	070	0,0	0,0	070
Average Temperature (F)	76.1	75.8	74.5	73.6	71.5
May					
Total Hours (%)	48%	14%	1%	0%	0%
Hours With Any Cooling (%)	85%	81%	83%		
Avg. Cooling Runtime Fraction (-)	0.34	0.30	0.11		
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	79.2	82.9	73.5		
Jun		1	1		
Total Hours (%)	46%	18%	3%	0%	0%
Hours With Any Cooling (%)	79%	77%	58%		
Avg. Cooling Runtime Fraction (-)	0.38	0.26	0.29		
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)			-		
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)	00.0	05 -			
(Viorogo Lomporaturo (E)	- <u>0</u> -1-0	96.5	06.1		

 Average Temperature (F)
 82.2
 85.5
 86.1

 Note: Average Runtime Fractions only include periods where the runtime is greater than zero.
 82.2
 85.5
 86.1

Table 76. Site 20 Upstairs - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

Above 50%

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Temperature (F)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-

Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Temperature (F)

Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Average Fan-Only Runtime Fraction (-

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Average Fan-Only Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

2002

Month

Jan

Feb

Mar

Apr

May

Jun

	Relative	Humidity Th	reshold		2002		Relative	Humidity Th	reshold	
50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
					Jul		1			
83%	70%	48%	9%	1%	Total Hours (%)	31%	7%	1%	0%	0%
4%	5%	4%	10%	0%	Hours With Any Cooling (%)	39%	33%	0%		
0.28	0.28	0.06	0.01		Avg. Cooling Runtime Fraction (-)	0.22	0.24			
					Hours with Any Dehumid. (%)					
00/	09/	00/	09/	09/	Average Denumid. Runtime Fraction (-)	09/	09/	00/		
0%	0%	0%	0%	0%	Hours with Fan-only (No cool of denumid) (%)	0%	0%	0%		
72.2	70 7	72.6	72.0	72.6	Average Fan-Only Runtime Flaction (-)	79.0	79.6	76.6		
12.2	12.1	73.0	73.9	73.0		70.9	78.0	70.0		
41%	20%	7%	2%	0%	Total Hours (%)	28%	8%	1%	0%	0%
0%	0%	0%	0%	0%	Hours With Any Cooling (%)	36%	31%	17%	070	070
070	070	070	070	078	Avg. Cooling Runtime Fraction (-)	0.23	0.24	0.22		
					Hours with Any Debumid (%)	0.20	0.24	0.22		
					Average Debumid Runtime Fraction (-)					
1%	1%	0%	0%	0%	Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
0.22	0.42	0,0	0,0	0,0	Average Fan-Only Runtime Fraction (-)	070	0,0	0,0		
70.8	71.7	70.6	70.6	66.7	Average Temperature (F)	79.6	79.0	78.4		
					Sep					
72%	51%	19%	3%	1%	Total Hours (%)	52%	19%	3%	0%	0%
18%	16%	3%	0%	0%	Hours With Any Cooling (%)	23%	32%	16%		
0.27	0.18	0.14			Avg. Cooling Runtime Fraction (-)	0.18	0.17	0.21		
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
0%	0%	0%	0%	0%	Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
					Average Fan-Only Runtime Fraction (-)	0.00				
72.1	72.3	72.1	72.2	69.4	Average Temperature (F)	78.0	77.8	78.3		
					Oct					
86%	51%	19%	6%	1%	Total Hours (%)	78%	41%	15%	3%	0%
43%	25%	9%	0%	0%	Hours With Any Cooling (%)	0%	0%	0%	0%	0%
0.30	0.25	0.25			Avg. Cooling Runtime Fraction (-)	0.63				
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
0%	0%	0%	0%	0%	Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
					Average Fan-Only Runtime Fraction (-)					
/6.1	75.8	74.5	73.6	/1.5	Average Temperature (F)	/5.1	73.8	/3./	72.6	75.9
400/	4.40/	40/	00/	00/	NOV					
48%	14%	1%	0%	0%	I otal Hours (%)					
90%	8/%	83%			Hours with Any Cooling (%)					
0.30	0.37	0.18			Avg. Cooling Runtime Fraction (-)					
					Hours with Any Denumid. (%)					
00/	00/	00/			Average Denumid. Runtime Fraction (-)					
0%	0%	0%			Average Eap Only (No cool of denumic) (%)					
70.2	82.0	73.5			Average Fair-Only Kuntime Flaction (-)					
19.2	02.5	75.5			Dec					
46%	18%	3%	0%	0%	Total Hours (%)	<u> </u>				
72%	64%	50%	0.70	070	Hours With Any Cooling (%)	-				
0.31	0.24	0.17			Avg. Cooling Runtime Fraction (-)					
5.01	0.21	0.17		<u> </u>	Hours with Any Dehumid (%)					
					Average Dehumid. Runtime Fraction (-)					
0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)					
2,0	370	070			Average Fan-Only Runtime Fraction (-)					
82.2	85.5	86.1			Average Temperature (F)					

Table 77. Site 20 Downstairs - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002		Relative	Humidity T	hreshold	[2002		Relative	Humidity Th	reshold	
	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Total Hours (%)	83%	70%	/8%	0%	1%	Jul Total Hours (%)	31%	7%	1%	0%	0%
Jours With Any Cooling (%)	03%	70%	40 /0	10%	00/	Hours With Any Cooling (%)	200/	220/	1 70	0 %	0%
Cooling Duptime Freetian ()	4%	5%	4%	10%	0%	Avg. Cooling Puntime Frontian ()	39%	33%	0%		
wro with Any Dohumid (%)	0.20	0.20	0.00	0.01		Avg. Cooling Runtime Flaction (-)	0.22	0.24			
ours with Arty Denumia. (%)						Aueroge Debumid, Buntime Freetien ()					
(Ne agel or dehumid) (%)	00/	00/	09/	09/	09/	Average Denumid. Rumine Fraction (-)	00/	09/	00/		
y (No cool of denumid) (%)	0%	0%	0%	0%	0%	Hours with Fan-only (No cool or denumid) (%)	0%	0%	0%		
n-Only Runtime Fraction (-)	70.0	70.7	70.0	70.0	70.0	Average Fan-Only Runtime Fraction (-)	70.0	70.0	70.0		
Average Temperature (F)	72.2	12.1	73.6	73.9	73.6	Average Temperature (F)	78.9	78.6	76.6		
Total Hours (%)	/10/	20%	7%	2%	0%	Aug	28%	8%	1%	0%	0%
Auro With Any Cooling (%)	41%	20%	0%	2/0	0 /6	Hours With Any Cooling (%)	20%	210/	170/	078	078
cooling Puptime Fraction ()	076	0%	076	070	076	Avg. Cooling Puntime Fraction ()	0.22	0.24	0.22		
wro with Any Dohumid (%)						Avg. Cooling Runtime Flaction (-)	0.23	0.24	0.22		
aumid Buntimo Fraction ()						Average Debumid, Buntime Fraction ()					
(Ne agel or dehumid) (%)	10/	10/	09/	09/	09/	Average Denumia. Rumanie Fraction (-)	00/	00/	00/		
Dely Dusting Fraction ()	1%	1%	0%	0%	0%	Average For Only (No cool of denumic) (%)	0%	0%	0%		
Average Temperature (E)	0.22	0.42	70.6	70.6	66.7	Average Fan-Only Runtime Fraction (-)	70.6	70.0	70.4		
Average Temperature (F)	70.8	71.7	70.6	70.6	0 00.7	Average Temperature (F)	79.6	79.0	78.4		
Total Hours (%)	700/	E10/	109/	20/	10/	Sep	500/	100/	20/	09/	00/
	12%	51%	19%	3%	0 1%	I Javan Mith Any Casting (%)	52%	19%	3%	0%	0%
iours with Any Cooling (%)	18%	16%	3%	0%	0%	Hours With Any Cooling (%)	23%	32%	16%		
ooling Runtime Fraction (-)	0.27	0.18	0.14			Avg. Cooling Runtime Fraction (-)	0.18	0.17	0.21		
ours with Any Denumid. (%)						Hours with Any Denumid. (%)					
humid. Runtime Fraction (-)	00/	00/	00/	00/	00/	Average Denumid. Runtime Fraction (-)	00/	00/	00/		
y (No cool or denumid) (%)	0%	0%	0%	0%	0%	Hours with Fan-only (No cool or denumid) (%)	0%	0%	0%		
n-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.00		70.0		
Average Temperature (F)	72.1	72.3	72.1	12.2	69.4	Average Temperature (F)	78.0	//.8	78.3		
Total Hours (%)	86%	51%	10%	6%	1%	Total Hours (%)	78%	/10/	15%	3%	0%
Iouro With Any Cooling (%)	60%	01%	19%	0%	00/	Hours With Any Cooling (%)	18%	41%	13%	3%	0%
cooling Puptime Fraction ()	43%	25%	9%	070	076	Avg. Cooling Puntime Fraction ()	0 62	0%	0%	0 %	0%
bure with Apy Deburgid (%)	0.50	0.25	0.23			Hours with Any Dobumid (%)	0.03				
aumid Buntimo Fraction ()						Average Debumid, Buntime Fraction ()					
(No cool or dobumid) (%)	0%	0%	09/	09/	0%	Hours with East only (No cool or dobumid) (%)	0%	09/	0%	0%	0%
Dely Bustime Fraction ()	076	0%	076	070	076	Average Fan Only (No cool of denumic) (%)	0%	0%	0%	0 %	0%
Average Temperature (E)	76.1	75.9	74 5	72.6	71.5	Average Fail-Only Runnine Flaction (-)	75 1	72.0	72.7	72.6	75.0
Average remperature (r)	70.1	75.0	74.5	73.0	71.5	Nov	75.1	75.0	13.1	72.0	15.5
Total Hours (%)	48%	14%	1%	0%	. 0%	Total Hours (%)					
Jours With Any Cooling (%)	90%	87%	83%	0,0	070	Hours With Any Cooling (%)					
cooling Runtime Fraction (-)	0.36	0770	0.18			Avg. Cooling Runtime Fraction (-)					
ours with Any Debumid (%)	0.50	0.57	0.10			Hours with Any Debumid (%)					
pumid Runtime Fraction (-)						Average Debumid Runtime Fraction (-)					
v (No cool or debumid) (%)	0%	0%	0%			Hours with Ean-only (No cool or dehumid) (%)					
p-Only Puntime Fraction (-)	078	078	078			Average Ean-Only (No cool of dendrind) (78)					
Average Temperature (F)	79.2	82.9	73.5								
Average remperature (r)	13.2	02.0	10.0		1	Dec					
Total Hours (%)	46%	18%	3%	0%	0%	Total Hours (%)					
Jours With Any Cooling (%)	72%	64%	50%	0/	570	Hours With Any Cooling (%)					
coling Runtime Fraction (-)	0.31	0.24	0 17			Avg. Cooling Runtime Fraction (-)					
with Any Dehumid (%)	0.51	0.24	0.17			Hours with Any Debumid (%)					
numid Runtime Fraction (-)	1				<u> </u>]	Average Debumid Runtime Fraction (-)					
v (No cool or dehumid) (%)	0%	0%	0%		<u> </u>]	Hours with Fan-only (No cool or debumid) (%)					
n-Only Runtime Fraction ()	0%	0%	0%	1	+	Average Ean-Only Puntime Fraction ()					
	80.0	85.5	86.1		<u> </u>	Average Tan-Only Numme Flaction (-)					
Average reinperature (F)	02.2		00.1	1			l	1	1		

Note: Average Runtime Fractions only include periods where the runtime is greater than zero.

2002

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Month Jan

Feb

Mar

Apr

May

Jun

Table 78. Site 20 Downstairs - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

	1				1		1				
2002		Relative	Humidity T	hreshold		2002		Relative	e Humidity Tl	nreshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
In						Jul					
Total Hours (%)	78%	60%	25%	0%	0%	Total Hours (%) 12%	2%	0%	0%	0%
Hours With Any Cooling (%)	3%	2%	2%			Hours With Any Cooling (%) 29%	7%	b		
Avg. Cooling Runtime Fraction (-)	0.24	0.05	0.01			Avg. Cooling Runtime Fraction (-) 0.28	0.11			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%) 0%	0%	6		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	71.3	71.8	72.6			Average Temperature (F) 77.4	78.0)		
eb						Aug					
Total Hours (%)	19%	4%	0%	0%	0%	Total Hours (%) 10%	2%	0%	0%	0%
Hours With Any Cooling (%)	2%	7%	0%			Hours With Any Cooling (%) 35%	33%	b		
Avg. Cooling Runtime Fraction (-)	0.11	0.11				Avg. Cooling Runtime Fraction (-	0.25	0.25	5		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%) 0%	0%			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	70.5	70.3	66.6			Average Temperature (F	78.6	78.7	,		
ar						Sep	/				
Total Hours (%)	59%	26%	1%	0%	0%	Total Hours (%	29%	5%	0%	0%	0%
Hours With Any Cooling (%)	17%	6%	0%	070	070	Hours With Any Cooling (%	6%	17%		070	070
Avg. Cooling Runtime Fraction (-)	0.37	0.13	070			Avg. Cooling Runtime Fraction (-	0.24	0.20)		
Hours with Any Dehumid (%)	0.07	0.10				Hours with Any Debumid (%	0.24	0.20	, 		
Average Debumid Runtime Fraction (-)						Average Debumid Buntime Fraction (-	<u> </u>				
Hours with Ean-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Ean-only (No cool or dehumid) (%	0%	0%			
Average Ean-Only Puntime Eraction (-)	078	078	078			Average Ean-Only Runtime Fraction (-	078	070			
Average Tan-Only Runnine Traction (-)	71.2	71 7	72.0			Average Fail-Only Runnine Fraction (-	76.5	76 /	1		
	71.2	71.7	12.5			Average remperature (i	/ /0.5	70.4	r		
Total Hours (%)	61%	17%	3%	0%	0%	Total Hours (%	59%	24%	6%	0%	0%
Hours With Any Cooling (%)	45%	1 / /0	370	078	078	Hours With Any Cooling (%	10/	24/0	0%	078	078
Ava Cooling Puntimo Frontion ()	45%	0.40	4 /0			Avg. Cooling Bustime Fraction (0 10	270	076		
Hours with Any Dohumid (%)	0.47	0.40	0.01			Hours with Any Dobumid (%	0.10	0.10	,		
Hours with Any Denumid. (%)						Hours with Any Denumia. (%	2				
Average Denumu. Rumine Flaction (-)	09/	00/	00/			Average Denumu. Rumume Fraction (-	00/	00/	00/		
Average For Only (No cool of definition) (%)	0%	0%	0%			Hours with Fan-Only (No cool of denumid) (%) 0%	0%	0%		
Average Fan-Only Runtime Fraction (-)	74.0	72.0	70.0			Average Fan-Only Runtime Fraction (-	70 7	70.0	74.0		
Average Temperature (F)	74.2	73.0	12.3		l	Average Temperature (F) 73.7	72.8	74.0		
ay Totol Hours (%)	200/	00/	00/	00/	09/	Nov					
I Utarre Mith Ann Casting (%)	20%	0%	0%	0%	0%	Total Hours (%	2				
Hours With Any Cooling (%)	84%					Hours With Any Cooling (%	2				
Avg. Cooling Runtime Fraction (-)	0.38					Avg. Cooling Runtime Fraction (-	2				
Hours with Any Denumia. (%)						Hours with Any Denumia. (%	2				
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-	2				
Hours with Fan-only (No cool or dehumid) (%)	0%					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	80.4					Average Temperature (F)				
in						Dec		1	1		
Total Hours (%)	23%	4%	0%	0%	0%	Total Hours (%	2				
Hours With Any Cooling (%)	74%	61%				Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)	0.31	0.28				Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	0%	0%				Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	82.2	85.5				Average Temperature (F)				

Note: Average Runtime Fractions only include periods where the runtime is greater than zero.

Month Jan

Feb

Mar

Apr

May

Jun

2000		Relative	Humidity Tl	reshold		2000		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul		1			
Total Hours (%)	-					Total Hours (%)	94%	42%	2%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)		I			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Average Debumid Runtime Fraction (-)						Average Debumid, Puptime Eraction (-)		+			
Hours with Ean-only (No cool or debumid) (%)						Hours with Ean-only (No cool or debumid) (%)		+			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)		+			
Average Temperature (F)						Average Temperature (F)	76.0	75.8	75.1		
Feb					<u> </u>	Aug	10.0	10.0	10.1		
Total Hours (%)						Total Hours (%)	35%	0%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	1				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	,	+			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	,	+			
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-))	1			
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%))	1			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-))			· · · · · · · · · · · · · · · · · · ·	
Average Temperature (F)						Average Temperature (F)	76.9	,			
Mar						Sep				· · · · · ·	
Total Hours (%)						Total Hours (%)	96%	6%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	59%	67%			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.29	0.27			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	0%	. 0%			
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)	í				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.49		L		
Average Temperature (F)						Average Temperature (F)	75.6	75.4			
Apr						Oct	000/	550/	0.50(0.10/	70/
I otal Hours (%)						Total Hours (%)	92%	55%	35%	21%	7%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	33%	18%	10%	4%	6%
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.24	0.22	0.23	0.21	0.12
Average Debumid Bustime Fraction ()						Average Debumid, Buptime Fraction ()	0%	0%	0%	0%	0%
Hours with Eap only (No cool or dobumid) (%)						Hours with Ean only (No cool or dobumid) (%)	E9/	E9/	70/	29/	0%
Average Ean-Only Runtime Eraction (-)						Average Ean-Only Puntime Eraction (-)	0.57	0.64	0.65	0.83	0 %
Average Fall-Only Runtime Fraction (-)						Average Tan-Only Runnine Fraction (-)	73.7	73.7	73.3	73.5	73.8
May					<u> </u>	Nov	10.1	10.1	10.0	10.0	70.0
Total Hours (%)						Total Hours (%)	100%	97%	86%	43%	12%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	13%	11%	10%	15%	11%
Ava. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.27	0.24	0.22	0.20	0.20
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	0%	0%	0%	0%	0%
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-))				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	8%	8%	9%	6%	0%
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.39	0.39	0.39	0.37	
Average Temperature (F)						Average Temperature (F)	71.7	71.8	72.1	73.9	74.0
Jun						Dec					
Total Hours (%)	100%	87%	3%	0%	0%	Total Hours (%)	1				
Hours With Any Cooling (%)						Hours With Any Cooling (%)	/				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	1				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	1				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)	1	<u> </u> '			
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	/			I	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	/	ļ!	ļ		
Average Temperature (F)	74.4	74.4	74.9			Average Temperature (F)					

Table 79. Site 21 - Indoor RH Data by month and threshold level for 2000 (HIGHEST humidity in any space)

2000		Relative	e Humidity Tl	hreshold		2000		Relative	Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	6 Above 55%	Above 60%	Above 65%	Above 70%
Jan Total Hours (%)	\					Jul Total Hour	(%) 040	/ 12%	20/	0%	0
Hours With Any Cooling (%)	(Hours With Apy Coolin	(76) 947	0 42.70	2 70	076	07
Ava Cooling Puntimo Erostion ((Ava Cooling Puntimo Front	(⁷⁰)		<u> </u>	+	-
Avg. Cooling Runtime Flaction (-)	(<u> </u>					Avg. Cooling Runnine Fraction	(0()		<u> </u>		
Average Debumid Buptime Fraction ((<u> </u>					Average Debumid, Buptime Freet	. (%)				
Average Denumid. Runtime Fraction (-)	(<u> </u>					Average Denumid. Rumume Fraction)(()())		<u> </u>	+	-
Average For Only Duptime Frontian (7)	(<u> </u>					Hours with Fan-Only (No cool of denumin) (%)		<u> </u>		
Average Fan-Only Runtime Fraction (-)	<u>(</u>					Average Fan-Only Runtime Fraction) (-) - (5) 70	0 75.0	75.4		
Average Temperature (F)	4					Average Temperatu	e (F) 76.	J 75.8	/5.1		
Tetel Hours (0/)	、			1		Aug Tatal Haur	(0/) 250	00/	00/	00/	0
Hours With Any Cooling (%)	(<u> </u>					Hours With Any Coolin	s (76) 357	0 070	0%	076	05
Aug. Cooling Dupting Frontian ((<u> </u>					Aug. Cooling Puntime Front	(%)		<u> </u>		
Avg. Cooling Runtime Flaction (-)	<u>ا</u> ــــــــــــــــــــــــــــــــــــ					Avg. Cooling Runtime Fracti	(0()		<u> </u>		
Hours with Any Denumid. (%)	(Hours with Any Denumic	. (%)		<u> </u>	+	-
Average Denumid. Runtime Fraction (-)	<u>ا</u> ــــــــــــــــــــــــــــــــــــ					Average Denumid. Runtime Fracti)((-)		<u> </u>		
Hours with Fan-only (No cool of denumid) (%)	(Hours with Fan-only (No cool of denumic) (%)		<u> </u>	+	-
Average Fan-Only Runtime Fraction (-)	<u>(</u>					Average Fan-Only Runtime Fraction	on (-)		<u> </u>	+	-
Average Temperature (F)	4					Average Temperatu	e (F) 76.	9	L	<u> </u>	
Mar	、			1		Sep Total Hour	(0/)	60/	00/	09/	0
I Javes With Any Casting (%)	(<u> </u>						5 (%) 907	0 0%	0%	0%	07
Hours with Any Cooling (%)	(Hours with Any Coolin	(%) 59%		<u> </u>		
Avg. Cooling Runtime Flaction (-)	<u>ا</u> ــــــــــــــــــــــــــــــــــــ					Avg. Cooling Runtime Fracti	0.2	9 0.27	<u> </u>		
Hours with Any Denumia. (%)	(<u> </u>					Hours with Any Denumic	. (%) 0%	0%	<u> </u>		-
Average Denumid. Runtime Fraction (-	<u>ا</u> ــــــــــــــــــــــــــــــــــــ					Average Denumid. Runtime Fracti	on (-)		<u> </u>		-
Hours with Fan-only (No cool or denumid) (%)	<u>ا</u> ــــــــــــــــــــــــــــــــــــ					Hours with Fan-only (No cool or denumic) (%) 09	<u>6 0%</u>	<u> </u>		-
Average Fan-Only Runtime Fraction (-)	<u>(</u>					Average Fan-Only Runtime Fraction	on (-) 0.4	9	<u> </u>	+	-
Average Temperature (F)	4					Average Temperatu	e (F) 75.	0 75.4	L		
Api Total Hours (%)	\			1		Total Hour	(%) 020	55%	35%	21%	70
Hours With Any Cooling (%)	(<u> </u>					Hours With Any Coolin	(0/) 923	0 JJ 70	33%	2170	15
Ava Cooling Puntimo Erostion ((Ava Cooling Puntimo Front	$n(2) = \frac{33}{23}$	0 1070	0.25	4 /0	0.1
Hours with Any Dohumid (9/	()————					Hours with Apy Dobumi	(%) 0.2	+ 0.22	0.23	0.21	0.1
Average Deburgid, Buntime Erection ((Average Debumid, Buntime Freet	. (%) 05	0 070	076	076	0,
Average Denumu. Rumume Fraction (-)	()					Hours with Ean only (No cool or dobumi	(°/) 50	F9/	70/	20/	0
Average Eap Only Ruptime Fraction (7)	(<u> </u>					Average Eap Only Puptime Fract)(%) 57	o 5%	0.65	2%	05
Average Fail-Only Runtime Fraction (-)	(Average Fail-Only Runtime Fract	o (F) 73	7 0.04	73 3	73.5	73
Average remperature (r)	<u>/</u>				-	Nov	e(I) 73.	1 13.1	13.3	75.5	75.
Total Hours (%)	\			1		Total Hour	(%) 100	97%	86%	43%	120
Hours With Any Cooling (%)						Hours With Any Coolin	130	6 0176 % 11%	10%	15%	110
Avg. Cooling Runtime Fraction (-)						Ava Cooling Runtime Fract	n(-1) = 0.2	7 0.24	0.22	0.20	0.2
Hours with Any Dehumid (%)						Hours with Any Debumi	(%) 0.2	/ 0%	0%	0%	0.2
Average Debumid Buntime Fraction (-)	<u>.</u>					Average Dehumid, Runtime Fract	n (-)	0 070	070	070	
Hours with Ean-only (No cool or debumid) (%)	ý –					Hours with Ean-only (No cool or dehumid	N (%) 8º	8%	Q%	6%	00
Average Fan-Only Runtime Fraction (-)	<u>.</u>					Average Ean-Only Runtime Fract	n(-) 0.3	9 0.39	0.39	0.37	
Average Temperature (F)	<u>`</u>					Average Temperatu	P(F) 71	7 718	72 1	73.9	74
Jun						Dec	U (1) 71.	1 11.0		10.0	74.
Total Hours (%)	100%	87%	3%	0%	0%	Total Hou	s (%)	1		1	1
Hours With Any Cooling (%)	10070	0170	070	070	, 070	Hours With Any Coolin	1 (%)		<u> </u>		-
Avg. Cooling Runtime Fraction (-)	úl					Ava Cooling Runtime Fracti	on (-)	+	<u> </u>	1	1
Hours with Any Debumid (%)	á –		1	1	1	Hours with Any Dehumi	(%)	-		1	1
Average Dehumid, Runtime Fraction (-)	úl		1			Average Dehumid, Runtime Fracti	on (-)	+		1	1
Hours with Fan-only (No cool or debumid) (%)	ś – – – – – – – – – – – – – – – – – – –		1			Hours with Ean-only (No cool or dehumid	(%)	+		1	1
Average Fan-Only Runtime Fraction (-)	úl					Average Fan-Only Runtime Fracti	on (-)	+	<u> </u>	1	1
Average Temperature (F)	74.4	74 4	74 9			Average Temperatu	e (F)		<u> </u>	1	+
/ worago i omperature (i)	4	, -, -	14.5	1	1	/worage rempetatu	~ \. /				1

Table 80. Site 21 - Indoor RH Data by month and threshold level for 2000 (AVERAGE of all spaces)

2001		Relative	Humidity T	hreshold		2001		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lan						bal.					
Jan Total Hours (%)						Jui Total Hours (%)	13%	0%	0%	0%	0%
Hours With Any Cooling (%)	<u></u>					Hours With Any Cooling (%)	0%	070	070	070	07
Ava Cooling Runtime Fraction (-)	<u></u>					Avg. Cooling Runtime Fraction (-)	070				
Hours with Any Debumid (%)	(Hours with Any Debumid (%)	0%				
Average Debumid, Runtime Fraction (-)	(Average Debumid, Runtime Fraction (-)	070				
Hours with Ean-only (No cool or debumid) (%)	(Hours with Ean-only (No cool or debumid) (%)	0%				
Average Ean-Only Runtime Fraction (-)	()					Average Ean-Only Puntime Fraction (-)	078				
Average Tan-Only Runtime Traction (-,							76.0				
Average Temperature (F)	, 				· · · · · · · · · · · · · · · · · · ·	Average remperature (F)	70.9			·	
Total Hours (%)		1		1		Aug	20%	0%	0%	0%	0%
Hours With Any Cooling (%)	(Hours With Any Cooling (%)	2076	078	078	0 /8	07
Avg. Cooling Puptime Frontian ((Ava Cooling Puntime Fraction ()	070				
Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runtime Flaction (-)	00/			<u> </u>	
Average Debumid, Buntime Fraction (2					Average Debumid, Buptime Fraction ()	0%			<u> </u>	
Average Denumu. Rumume Fraction (-)						Average Denumia. Rumine Fraction (-)	00/			<u> </u>	
Average For Only (No cool of denumid) (%)	2					Average For Only Buntime Fraction ()	0%			<u> </u>	
Average Fan-Only Runtime Fraction (-,	2					Average Fan-Only Runtime Fraction (-)	70.0	75.0		 	
Average Temperature (F))				<u> </u>	Average Temperature (F)	76.2	75.9		L	
var Tatal Hauss (0/)	070/	040/	200/	470/	20/	Sep	700/	00/	00/	00/	00
Total Hours (%)	81%	61%	30%	17%	3%	I otal Hours (%)	78%	0%	0%	0%	0%
Hours With Any Cooling (%)	2					Hours With Any Cooling (%)	0%				
Avg. Cooling Runtime Fraction (-,	2					Avg. Cooling Runtime Fraction (-)				l	
Hours with Any Denumid. (%)	2					Hours with Any Denumid. (%)	0%			l	
Average Denumid. Runtime Fraction (-,)					Average Denumid. Runtime Fraction (-)				 	
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)	0%			 	
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)				 	
Average Temperature (F)	70.5	/1.1	/2.4	73.9	/3./	Average Temperature (F)	//.9			L	
Apr Tatalita a (64)	000/	000/	470	10/	00/	Oct		1 1			
I otal Hours (%)	86%	63%	17%	4%	2%	I otal Hours (%)				 	
Hours With Any Cooling (%))					Hours With Any Cooling (%)				 	
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)				I	
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				I	
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)				 	
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)				I	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				I	
Average Temperature (F)	73.5	/3./	/3.2	2 73.2	73.1	Average Temperature (F)	1			L	
May						Nov					
I otal Hours (%)	66%	28%	14%	2%	0%	I otal Hours (%)				I	
Hours With Any Cooling (%))					Hours With Any Cooling (%)				I	
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				I	
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				 	
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				I	
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				I	
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				I	
Average Temperature (F)	73.6	73.5	73.4	73.5		Average Temperature (F)				<u> </u>	
Jun			r	·		Dec		· · · · · ·			r
Total Hours (%)	52%	11%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%))					Hours With Any Cooling (%)				ļ	
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)				I	
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				ļ	
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)				ļ	
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	78.2	78.5				Average Temperature (F)				<u> </u>	
		· · · · · · · · · · · · · · · ·			-						

Table 81. Site 21 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative H	lumidity Th	reshold		2001		Relative I	Humidity T	nreshold	
Month	Above 50%	Above 55% A	bove 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan Total Hours (%)						Jul	120/	0%	00/	0%	00/
Hours With Apy Cooling (%)	<u></u>					Hours With Apy Cooling (%)	13%	0%	0%	0%	0%
Ava Cooling Runtime Fraction (-)	<u> </u>					Avg. Cooling Puntime Eraction (-)	076				
Hours with Any Debumid (%)	, <u> </u>					Hours with Any Dehumid (%)	0%				
Average Debumid, Runtime Fraction (-)	<u></u>					Average Dehumid, Runtime Fraction (-)	078				
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or dehumid) (%)	0%				
Average Fan-Only Runtime Fraction (-)	1					Average Ean-Only Runtime Eraction (-)	070				
						Average Temperature (F)	76.9				
Feb						Aug	70.0				
Total Hours (%))					Total Hours (%)	20%	0%	0%	0%	0%
Hours With Any Cooling (%))					Hours With Any Cooling (%)	0%	070	0,0	0,0	
Avg Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)	0,0				
Hours with Any Dehumid (%))					Hours with Any Dehumid (%)	0%				
Average Dehumid, Runtime Fraction (-))					Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)	0%				
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F))					Average Temperature (F)	76.2	75.9			
Mar		11			1	Sep					
Total Hours (%)) 87%	61%	30%	17%	3%	Total Hours (%)	78%	0%	0%	0%	0%
Hours With Any Cooling (%))					Hours With Any Cooling (%)	0%				
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)	0%				
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)	0%				
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	70.5	71.1	72.4	73.9	73.7	Average Temperature (F)	77.9				
Apr						Oct					
Total Hours (%)	86%	63%	17%	4%	2%	Total Hours (%)					
Hours With Any Cooling (%)	j					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.5	73.7	73.2	73.2	73.1	Average Temperature (F)					
Мау						Nov					
Total Hours (%)	66%	28%	14%	2%	0%	Total Hours (%)					
Hours With Any Cooling (%))					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.6	73.5	73.4	73.5	i	Average Temperature (F)					
Jun		i				Dec					,
Total Hours (%)	52%	11%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	1					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	/					Avg. Cooling Runtime Fraction (-)				L	
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				L	
Average Dehumid. Runtime Fraction (-)	/					Average Dehumid. Runtime Fraction (-)				L	L
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	/					Average Fan-Only Runtime Fraction (-)				L	L
Average Temperature (F)	78.2	78.5				Average Temperature (F)				<u> </u>	<u> </u>
Note: Average Puptime Fractions only include no	riada whara th	o ruptimo io aro	otor thon an								

Table 82. Site 21 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

2000		Relative	Humidity T	hreshold		2000		Relative	Humidity T	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
						1.1					
Jan Total Hours (%)	\			1		Jui Total Hours (%) 96%	77%	40%	10/	00
Hours With Any Cooling (%)	ý l					Hours With Any Cooling (%) 30 %	1170	4078	1 70	0,
Ava Cooling Runtime Fraction (-)	ý l					Ava Cooling Runtime Fraction (-	<u>.</u>	++			
Hours with Any Dehumid (%)	Ń					Hours with Any Debumid (%	(++			
Average Debumid Runtime Fraction (-)	Ń					Average Dehumid, Runtime Fraction (-	<u>.</u>	+	. <u></u>	-	
Hours with Ean-only (No cool or dehumid) (%)	1					Hours with Ean-only (No cool or dehumid) (%	<u>í</u>				
Average Fan-Only Runtime Fraction (-)	Ň					Average Ean-Only Runtime Fraction (-	í –	+		-	
Average Temperature (F)	1					Average Temperature (F	74.3	74.2	73.5	74.0	83
Feb		I			1	Aug	<u>, , , , , , , , , , , , , , , , , , , </u>				
Total Hours (%))					Total Hours (%) 72%	36%	8%	0%	09
Hours With Any Cooling (%))					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)		 I		
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)					Average Temperature (F) 78.1	77.1	76.3	,	
Mar	1	1		1		Sep	1				
Total Hours (%))					Total Hours (%)) 100%	97%	74%	25%	39
Hours With Any Cooling (%))					Hours With Any Cooling (%) 0%	0%	0%	0%	0%
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%) 0%	0%	0%	0%	0%
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%) 0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F))					Average Temperature (F) 75.2	75.2	75.5	76.1	77.
Apr						Oct					
Total Hours (%))					Total Hours (%) 100%	93%	60%	11%	19
Hours With Any Cooling (%))					Hours With Any Cooling (%) 0%	0%	0%	0%	0%
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)		I		
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%) 0%	0%	0%	0%	09
Average Dehumid. Runtime Fraction (-)	1					Average Dehumid. Runtime Fraction (-)		ļ		
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%) 0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)	1					Average Fan-Only Runtime Fraction (-)		ļ		
Average Temperature (F)	/					Average Temperature (F) 74.5	74.6	75.4	76.8	77.
Мау		T		1		Nov			. <u> </u>	т	т
Total Hours (%)	/					Total Hours (%) 100%	100%	69%	11%	09
Hours With Any Cooling (%)	/					Hours With Any Cooling (%) 0%	0%	0%	0%	
Avg. Cooling Runtime Fraction (-)	!		-			Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)	<u>/</u>					Hours with Any Dehumid. (%) 0%	0%	0%	0%	
Average Dehumid. Runtime Fraction (-)	!					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)	<u> </u>					Hours with Fan-only (No cool or dehumid) (%) 0%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-,	<u>'</u>					Average Fan-Only Runtime Fraction (-)		70.0	70.0	
Average Temperature (F)	4					Average Temperature (F) 72.3	72.3	/3.9	76.0	
Jun	000/	240/	20/	00/	00/	Dec	、———	Ţ		T	1
I otal Hours (%)	92%	31%	3%	0%	0%	Total Hours (%	<u>'</u>	l	. <u> </u>		
Hours With Any Cooling (%)	<u></u>					Hours With Any Cooling (%	<u> </u>				
Avg. Cooling Runtime Fraction (-)	<u></u>				+	Avg. Cooling Runtime Fraction (-	(⊢────	╂────┤		 	
Hours with Any Dehumid. (%)	(<u> </u>				<u> </u>	Hours with Any Dehumid. (%	(⊢────	───┤		 	
Average Denumid. Runtime Fraction (-)	<u></u>				+	Average Denumid. Runtime Fraction (-	(⊢────	╂────┤		 	
Hours with Fan-only (No cool or dehumid) (%)	<u></u>					Hours with Fan-only (No cool or dehumid) (%	(<u> </u>	<u> </u>		<u> </u>	
Average Fan-Only Runtime Fraction (-)	70.5	70.0	70 4	75.0		Average Fan-Only Runtime Fraction (-	<u>.</u>	<u> </u>		<u> </u>	
Average Temperature (F)	/ /2.5	/3.3	/3.4	/5.9	1	Average Temperature (F	/		. <u> </u>		1

Table 83. Site 22 - Indoor RH Data by month and threshold level for 2000 (HIGHEST humidity in any space)

2000		Relative	Humidity T	hreshold	-	2000		Relative	Humidity T	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
len						1.1					
Jan Total Hours (%	\					Jui Total Hours (%)	96%	77%	40%	1%	0%
Hours With Any Cooling (%	/					Hours With Any Cooling (%)	90%	1176	40%	1 70	07
Ava Cooling Runtime Fraction (-	/					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%	,					Hours with Any Dehumid (%)					
Average Debumid Runtime Fraction (-	/					Average Debumid Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%	5					Hours with Ean-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-	/ .)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F	ý l					Average Temperature (F)	74.3	74.2	73.5	74.0	83
Feb	1					Aug					1
Total Hours (%	.)					Total Hours (%)	72%	36%	8%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)	78.1	77.1	76.3		
Mar	1					Sep					
Total Hours (%)					Total Hours (%)	100%	97%	74%	25%	3%
Hours With Any Cooling (%)					Hours With Any Cooling (%)	0%	0%	0%	0%	0%
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)	1				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)	0%	0%	0%	0%	0%
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)	1				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)	75.2	75.2	75.5	76.1	77.
Apr			1	1		Oct					1
Total Hours (%))					Total Hours (%)	100%	93%	60%	11%	19
Hours With Any Cooling (%))					Hours With Any Cooling (%)	0%	0%	0%	0%	0%
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)	0%	0%	0%	0%	0%
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					Average Temperature (F)	74.5	74.6	/5.4	76.8	11.
May	、 <u> </u>		-			NOV	4000/	4000/	C00/	440/	00
Total Hours (%	<u>/</u>					I Otal Hours (%)	100%	100%	69%	11%	0%
Hours With Any Cooling (%	<u> </u>					Hours with Any Cooling (%)	0%	0%	0%	0%	
Avg. Cooling Runtime Fraction (-	<u>'</u>					Avg. Cooling Runtime Fraction (-)		00/	00/	00/	
Hours with Any Denumid. (%	<u>/</u>					Hours with Any Denumid. (%)	0%	0%	0%	0%	
Average Denumid. Runtime Fraction (-	(Average Denumid. Rumine Fraction (-)	00/	09/	00/	09/	
Average Eap Only Ruptime Fraction (<u></u>					Average Ean Only (No cool of denumid) (%)	0%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-	<u></u>					Average Fan-Only Runtime Fraction (-)	72.2	70.0	72.0	76.0	
Average Temperature (F)	4					Average Temperature (F)	12.3	12.3	13.9	70.0	L
Juli Total Hours (%) 02%	31%	3%	0%	0%	Total Hours (%)		1		T	<u> </u>
Hours With Any Cooling (%) 5276	5170	570	070	078	Hours With Any Cooling (%)					
Ava Cooling Puntime Fraction (-	Avg. Cooling Puntime Eraction ()				<u> </u>	
Hours with Apy Debuggid (9)	3					Hours with Any Debumid (9)				+	
Average Dehumid Runtime Fraction (-				1	+	Average Debumid Runtime Fraction (-)	.			<u> </u>	
Hours with Ean-only (No cool or debumid) (%	3					Hours with Fan-only (No cool or debumid) (%)				+	
Average Ean-Only Runtime Fraction (-	<u>.</u>					Average Fan-Only Runtime Fraction (-)				+	
	72.5	72 2	72 /	75.0		Διστασε Temperature (F)				+	
Average reinperature (F	// /2.0	13.3	10.4	10.9	1	Average remperature (F)	↓	1		,	1

Table 84. Site 22 - Indoor RH Data by month and threshold level for 2000 (AVERAGE of all spaces)

Table 85. Site 22 - Indoor RH Data b	y month and threshold level for 2001	(HIGHEST humidity in any space)
	2 • • • • • • • • • • • • • • • •	

	2001	Relative Humidity Threshold Above 50% Above 55% Above 60% Above 65% Above 70				2001		Relative	e Humidity Tl	nreshold		
Jan July Total House (b) July July <thjuly< th=""> <thjuly< th=""></thjuly<></thjuly<>	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jah Top Money (b) Image: Control of Control Control of Control Contenter Control Contrelecon Control Control Contro Cont												
Hears with Argo Pharmiel, Poil Image: Provide	Jan				1	1	Jul					
Action Answer Answe Answe Answe <td>Total Hours (%)</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>Total Hours</td> <td>%) 100%</td> <td>91%</td> <td>12%</td> <td>1%</td> <td>1%</td>	Total Hours (%)	-					Total Hours	%) 100%	91%	12%	1%	1%
Model grad by the primed (r) Model grad by the prime of (r) Model gra	Hours With Any Cooling (%)						Hours With Any Cooling (%) <u> </u>	0%	0%	0%	0%
Average Tendon (3) Image of the section (5) Image of the	Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runtime Flaction	(-)	00/	00/	09/	00/
Houss with Finandly (No. coil or defundly (No. 2014) Disk Offs	Average Debumid, Puntime Fraction (-)						Average Debumid, Puntime Eraction	/o) 0%	0%	0%	0%	0%
Average Far-Only Routine Fraction (*) 0	Hours with Ean-only (No cool or debumid) (%)						Hours with Ean-only (No cool or dehumid)	(-) %) 0%	0%	0%	0%	0%
Nongenerative (P) 75.4 75.4 75.4 75.4 75.4 75.7 76.2 Feb	Average Ean-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	(-)	078	078	078	078
Feb Total your (%) 10%	Average Temperature (F)						Average 1 an Only Rename Tradition	F) 75.4	75.4	75.5	75.7	76.2
Total Hours (%) 100%	Feb	1					Aug	10.4	10.4	10.0	10.1	70.2
Hours With Any Cooling (%) Oth Offs	Total Hours (%)	100%	100%	100%	78%	39%	Total Hours ((%) 100%	100%	9%	0%	0%
Avg. Cooling Runtime Fraction ()	Hours With Any Cooling (%)						Hours With Any Cooling	%) 0%	0%	0%		
Hours with Any Dehunds. (%) Image: Control of dehunds (%) <thimage: (%)<="" control="" dehunds="" of="" th=""> <thimage:< td=""><td>Avg. Cooling Runtime Fraction (-)</td><td></td><td></td><td></td><td></td><td></td><td>Avg. Cooling Runtime Fraction</td><td>(-)</td><td></td><td></td><td></td><td></td></thimage:<></thimage:>	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	(-)				
Average Dehundl, Runtime Fraction () Average Tranchy (No codi or dehundl) (%) <	Hours with Any Dehumid. (%)						Hours with Any Dehumid.	%) 0%	0%	0%		
House with Fan-only (No cool or dehumid) (%) Offs Offs <thoffs< th=""> <thoffs<< td=""><td>Average Dehumid. Runtime Fraction (-)</td><td></td><td></td><td></td><td></td><td></td><td>Average Dehumid. Runtime Fraction</td><td>(-)</td><td></td><td></td><td></td><td></td></thoffs<<></thoffs<>	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	(-)				
Average Fan-Only Runtime Fraction (-)	Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid)	%) 0%	0%	0%		
Average Temperature (F) 73.8 73.8 74.8 74.2 Mar Total Hours (%) 85% 74% 27% 7% May Cooling (%) 85% 74% 27% 7% More SWIth Any Cooling (%) 1 1 1 1 Average Dehunid, Runtime Fraction () 1 1 1 1 Average Ten-Only Runtime Fraction () 1	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	(-)				
Mar	Average Temperature (F)	73.8	73.8	73.8	74.8	74.2	Average Temperature	F) 76.7	76.7	76.6		
Total Hours (%) 85% 74% 47% 27% 7% Alors With Ary Cooling (%) - <td< td=""><td>Mar</td><td></td><td></td><td></td><td></td><td></td><td>Sep</td><td></td><td></td><td></td><td></td><td></td></td<>	Mar						Sep					
Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Any Dehumid, (%) Average Dehumid, Runine Fraction () Hours With Any Dehumid, (%) Hours With Any Dehumid, (%) Hours With Any Dehumid, (%) Average Temperature (F) 71.8 72.1 73.6 75.1 75.9 Average Temperature (F) 71.8 72.1 75.9 75.1 75.9 Average Temperature (F) 71.8 75.1 75.9 76.3 77.0 Average Temperature (F) 75.8 76.3 77.0 77.0 76.3 77.0 Average Temperature (F) 75.8 76.3 77.0 77.0 76.3 77.0 May Cooling Runtime Fraction (·) - - - - Average Temperature (F) 75.6 76.3 77.0 -	Total Hours (%)	85%	74%	47%	27%	7%	Total Hours	%)				
Arg. Cooling Runtime Fraction (-)	Hours With Any Cooling (%)						Hours With Any Cooling	%)				
Hours with Any Dehumid, With Parcelinol, (%) Image: Control of Control Contecontel Control Control Control Control Control Contro	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	(-)				
Average Dehunik Runtime Fraction (-)	Hours with Any Dehumid. (%)						Hours with Any Dehumid.	%)				
Hours with Fan-only (No cool or dehumid) (%)	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	(-)				
Average Fan-Only Runtime Fraction (-) Average Temperature (F) T.8 T.2 T.3.6 T.5.1 T.5.9 Apr	Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid)	%)				
Average Temperature (F) 71.8 72.2 73.6 75.1 75.9 Apr Average Temperature (F) Image: Construction of Construc	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	(-)				
Apr	Average Temperature (F)	71.8	72.2	73.6	75.1	75.9	Average Temperature	F)				
Iotal Holurs (%) 82% 53% 20% 1% 0% Hours With Any Cooling (%)	Apr	000/	500/	000/	40/		Oct		T	n		
Hours with Any Cooling (%) Image: Cooling Runtime Fraction () Ima	I otal Hours (%)	82%	53%	26%	1%	0%	I otal Hours	%) 				
Arg. Cooling Runtime Fraction (-) Average Detumid. Runtime Fraction (-) Average Temperature (F) Average Temperatur	Hours With Any Cooling (%)						Hours With Any Cooling (%) ()				
Hours with Any Definition (-) Image Image <t< td=""><td>Avg. Cooling Runtime Flaction (-)</td><td></td><td></td><td></td><td></td><td></td><td>Avg. Cooling Runtime Flaction</td><td>(-)</td><td></td><td></td><td></td><td></td></t<>	Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runtime Flaction	(-)				
Average Temperature (P)	Average Debumid Buntime Fraction ()						Average Debumid, Buntime Erection	/o) ()				
Average Temporature (F) 75.6 75.9 76.3 77.0 May	Average Denulliu. Ruhume Flaction (-)	-					Hours with Ean only (No cool or dehumid)	(-)				
Average Temperature (F) 75.6 76.3 77.0 May	Average Ean-Only Puntime Fraction (-)	-					Average Ean-Only Runtime Eraction	/o) (-)				
May Average Temperature (F) Total Hours (%) 99% 62% 8% 1% 0% May Total Hours (%) 99% 62% 8% 1% 0% May Morage Temperature (F) Average Temperature (F) Total Hours (%) Image: Temperature (F) Image: Temperature (F) Average Temperature (F) 76.6 77.8 75.9 Image: Temperature (F) Image: Temp	Average Tan-Only Runtime Traction (-)	75.6	75.9	76.3	77.0			(-) F)				
Total Hours (%) 99% 62% 8% 1% 0% Hours With Any Cooling (%)	May	75.0	75.5	10.5	11.0	1	Nov	.,				
Hours With Any Cooling (%) Image: Cooling Runtime Fraction (-) Image: Cooling Run	Total Hours (%)	99%	62%	8%	1%	0%	Total Hours (%)				
Avg. Cooling Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Average Temperature (F) Jun Total Hours (%) 100% 95% 23% 3% 1% Average Temperature (F) Total Hours (%) Average Temperature (F) Average Dehumid. Runtime Fraction (-) Average Temperature (F) Average Temperature (F) Average Total Hours (%) Average Total Hours (%) Average Total Hours (%) Average Total Hours (%) Average Dehumid. Runtime Fraction (-) Average Dehumid	Hours With Any Cooling (%)		0270	0,0		0,0	Hours With Any Cooling	%)				
Hours with Any Dehumid. (%) Image: Constraint of the second s	Ava. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	(-)				
Average Dehumid. Runtime Fraction (-) Average Tenton (-) Average Temperature (F) Average Temperatu	Hours with Any Dehumid. (%)						Hours with Any Dehumid.	%)				
Hours with Fan-only (No cool or dehumid) (%)	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	(-)				
Average Fan-Only Runtime Fraction (-) Image: Constraint of the second secon	Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid)	%)				
Average Temperature (F) 76.6 76.3 77.8 75.9 Jun	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	(-)				
Jun Total Hours (%) 100% 95% 23% 3% 1% Hours With Any Cooling (%) </td <td>Average Temperature (F)</td> <td>76.6</td> <td>76.3</td> <td>77.8</td> <td>75.9</td> <td></td> <td>Average Temperature</td> <td>F)</td> <td></td> <td></td> <td></td> <td></td>	Average Temperature (F)	76.6	76.3	77.8	75.9		Average Temperature	F)				
Total Hours (%) 100% 95% 23% 3% 1% Hours With Any Cooling (%)	Jun						Dec	<i>.</i>				
Hours With Any Cooling (%)	Total Hours (%)	100%	95%	23%	3%	1%	Total Hours	%)				
Avg. Cooling Runtime Fraction (-) <t< td=""><td>Hours With Any Cooling (%)</td><td></td><td></td><td></td><td></td><td></td><td>Hours With Any Cooling</td><td>%)</td><td></td><td></td><td></td><td></td></t<>	Hours With Any Cooling (%)						Hours With Any Cooling	%)				
Hours with Any Dehumid. (%)	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	(-)				
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F) 75.4 76.3 76.9 78.0	Hours with Any Dehumid. (%)						Hours with Any Dehumid.	%)				
Hours with Fan-only (No cool or dehumid) (%) Image: Constraint of the state	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	(-)				
Average Fan-Only Runtime Fraction (-) Average Temperature (F) 75.4 76.3 76.9 78.0 Average Temperature (F)	Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid)	%)				
Average Temperature (F) 75.4 76.3 76.9 78.0 Average Temperature (F)	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	(-)				
	Average Temperature (F)	75.4	75.4	76.3	76.9	78.0	Average Temperature	F)				

2001		Relative	e Humidity T	hreshold		2001		Relative	e Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lon						1.1					
Jan Total Hours (%)		1				Jui	100%	010/	1.20/	10/	10
Hours With Any Cooling (%)						Hours With Any Cooling (%)	100%	91%	0%	0%	17
Avg. Cooling Runtime Eraction (-)						Avg. Cooling Puntime Eraction (-)	078	070	076	070	
Hours with Any Deburgid (%)						Hours with Any Debumid (%)	0%	0%	0%	0%	
Average Debumid Runtime Fraction (-)						Average Debumid, Runtime Fraction (-)	078	070	078	078	07
Hours with Ean-only (No cool or debumid) (%)						Hours with Ean-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)	070	070	070	070	07
Average Temperature (F)						Average Temperature (F)	75.4	75.4	75.5	75.7	76
Feb	+					Aug	10.4	70.4	10.0		10.
Total Hours (%)	100%	100%	100%	78%	39%	Total Hours (%)	100%	100%	9%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	0%	0%	0%		
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0,0	070	0,0		
Hours with Any Dehumid (%)						Hours with Any Dehumid (%)	0%	0%	0%		-
Average Dehumid Runtime Eraction (-)						Average Debumid Runtime Fraction (-)	0,0	070	070		-
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or dehumid) (%)	0%	0%	0%		-
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-))	070	070		
Average Temperature (F)	73.8	73.8	73.8	74.8	74.2	Average Temperature (F)	76.7	76.7	76.6		
Mar	. 0.0	10.0	10.0	1 110		Sep			1010	L	
Total Hours (%)	85%	74%	47%	27%	7%	Total Hours (%))				T
Hours With Any Cooling (%)		, .			. ,.	Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-))				
Hours with Any Dehumid (%)						Hours with Any Dehumid (%)					-
Average Debumid Runtime Eraction (-)						Average Debumid Runtime Fraction (-)					-
Hours with Ean-only (No cool or debumid) (%)						Hours with Ean-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					-
Average Temperature (F)	71.8	72.2	73.6	75.1	75.9	Average Temperature (F)					1
Apr			1 10.0		1010	Oct	1				4
Total Hours (%)	82%	53%	26%	1%	0%	Total Hours (%))				T
Hours With Any Cooling (%)				.,.		Hours With Any Cooling (%))				
Avg. Cooling Runtime Fraction (-)	,					Avg. Cooling Runtime Fraction (-))				-
Hours with Any Dehumid. (%)	,					Hours with Any Dehumid. (%))				
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-))				-
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%))				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-))				-
Average Temperature (F)	75.6	75.9	76.3	77.0		Average Temperature (F))				-
Mav						Nov					
Total Hours (%)	99%	62%	8%	1%	0%	Total Hours (%))				
Hours With Any Cooling (%)	,					Hours With Any Cooling (%))				
Avg. Cooling Runtime Fraction (-)	,					Avg. Cooling Runtime Fraction (-)				-
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%))				-
Average Dehumid, Runtime Fraction (-)	,					Average Dehumid, Runtime Fraction (-)				-
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%))				
Average Fan-Only Runtime Fraction (-)	,					Average Fan-Only Runtime Fraction (-))				-
Average Temperature (F)	76.6	76.3	77.8	75.9		Average Temperature (F))				-
Jun					1	Dec	1				4
Total Hours (%)	100%	95%	23%	3%	1%	Total Hours (%))				T
Hours With Any Cooling (%)						Hours With Any Cooling (%))				-
Avg. Cooling Runtime Fraction (-)	,					Avg. Cooling Runtime Fraction (-))				1
Hours with Any Dehumid (%))					Hours with Any Dehumid (%))				1
Average Dehumid, Runtime Fraction (-)	,	1	1		1	Average Dehumid, Runtime Fraction (-))				1
Hours with Fan-only (No cool or dehumid) (%)	,	1	1	1		Hours with Fan-only (No cool or dehumid) (%)					1
Average Fan-Only Runtime Fraction (-)			1			Average Fan-Only Runtime Fraction (-)					1
Average Temperature (F)	75.4	75.4	76.3	76 9	78.0	Average Temperature (F)					+
	+		, 0.0	10.5	10.0			1	1	·	1

Table 86. Site 22 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

2000		Relative	Humidity Thr	reshold			2000		Relative H	umidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month		Above 50%	Above 55% A	bove 60%	Above 65%	Above 70%
_												
Jan						Jul	Tetel Hause (0()					
I otal Hours (%)							I otal Hours (%)					
Hours with Any Cooling (%)							Hours with Any Cooling (%)					
Avg. Cooling Runtime Flaction (-)							Avg. Cooling Ruhume Fraction (-)					
Average Debumid, Buntime Fraction ()						Δ.,	Hours with Any Denumid. (%)					
Average Denumica. Rumanie Fraction (-)						Hourowit	b Eap aply (No cool or debumid) (%)					
Average Ean-Only Puntime Eraction (-)							erage Ean-Only Runtime Fraction (-)					
Average Tamperature (F)						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Average Temperature (E)					
Feh			<u> </u>			Aug	Average remperature (r)					
Total Hours (%)						Aug	Total Hours (%)	99%	86%	52%	21%	8%
Hours With Any Cooling (%)							Hours With Any Cooling (%)	0070	0070	0270	2170	070
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)							Hours with Any Dehumid (%)					
Average Dehumid Runtime Fraction (-)						Ave	erage Dehumid Runtime Fraction (-)					
Hours with Ean-only (No cool or debumid) (%)						Hours wit	h Ean-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Av	erage Fan-Only Runtime Fraction (-)					
Average Temperature (F)							Average Temperature (F)	89.4	88.6	89.2	85.9	83.7
Mar			<u> </u>			Sep		00.1	00.0	00.2	00.0	00.1
Total Hours (%)						COP	Total Hours (%)	100%	96%	91%	80%	56%
Hours With Any Cooling (%)							Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Ave	erage Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours wit	h Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Av	erage Fan-Only Runtime Fraction (-)					
Average Temperature (F)							Average Temperature (F)	91.3	91.2	91.0	89.8	88.9
Apr					· · · · · · · · · · · · · · · · · · ·	Oct						
Total Hours (%)							Total Hours (%)	100%	100%	84%	59%	53%
Hours With Any Cooling (%)							Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Ave	erage Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours wit	h Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Av	erage Fan-Only Runtime Fraction (-)					
Average Temperature (F)							Average Temperature (F)	84.3	84.2	84.7	85.2	85.2
Мау						Nov						
Total Hours (%)							Total Hours (%)					
Hours With Any Cooling (%)							Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	1					Ave	erage Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours wit	h Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	1					Av	erage Fan-Only Runtime Fraction (-)					
Average Temperature (F)	1						Average Temperature (F)					
Jun						Dec					r	
Total Hours (%)							Total Hours (%)					
Hours With Any Cooling (%)			↓		ļ		Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)			L		L		Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)			↓		ļ		Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)			<u>↓</u>		ļ	Ave	erage Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)			 		ļ	Hours wit	h Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)			 		ļ	Av	erage Fan-Only Runtime Fraction (-)					
Average Temperature (F)							Average Temperature (F)					

Table 87. Site 23 - Indoor RH Data by month and threshold level for 2000 (HIGHEST humidity in any space)

2000		Relative	e Humidity T	hreshold		2000		Relative	Humidity T	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan	\					Jul	.				T
Lours With Apy Cooling (%	2					Lours With Any Cooling (%)	+				
Ava Cooling Puptime Fraction ((Avg. Cooling Puntime Fraction (. +				
Avg. Cooling Runtime Fraction (-	(Avg. Cooling Runtime Fraction (-)	. +				
Average Debumid Puptime Fraction (-	(Average Debumid, Puntime Fraction (-)					-
Hours with Ean-only (No cool or dehumid) (%	(Hours with Ean-only (No cool or dehumid) (%)					-
Average Ean-Only Runtime Fraction (-	(Average Ean-Only Runtime Fraction (-)					-
Average Tan-Only Nultime Traction (-	(Average Tall-Only Runtime Fraction (-)					-
Feb	/					Average remperature (r)	<u> </u>			<u> </u>	1
Total Hours (%						Total Hours (%)	99%	86%	52%	21%	89
Hours With Any Cooling (%	ζ———					Hours With Any Cooling (%)	3378	0070	5270	2170	
Avg. Cooling Runtime Fraction (-	ζ <u> </u>					Avg. Cooling Runtime Fraction (-)					-
Hours with Any Debumid (%	Ϋ́.					Hours with Any Debumid (%)					-
Average Debumid, Runtime Fraction (-	ί –					Average Debumid, Runtime Fraction (-)					-
Hours with Fan-only (No cool or debumid) (%	Ϋ́.					Hours with Ean-only (No cool or dehumid) (%)					-
Average Ean-Only Runtime Fraction (-	(Average Ean-Only Runtime Fraction (-)					-
Average Tan-Only Nultime Traction (-	(Average Tall-Only Runtime Fraction (-)	80.4	88.6	80.2	85.0	83
Average remperature (i	/					Sen	05.4	00.0	09.2	05.5	03.
Total Hours (%						Total Hours (%)	100%	96%	91%	80%	569
Hours With Any Cooling (%	(Hours With Any Cooling (%)	10070	5070	5170	0070	
Ava Cooling Puntime Fraction (-	(Avg. Cooling Puntime Eraction (-)	. ————————————————————————————————————				-
Hours with Any Debumid (%	(Hours with Any Debumid (%)					-
Average Debumid Puptime Fraction (-	(Average Debumid, Puntime Fraction (-)					-
Hours with Ean only (No cool or dobumid) (%	<u> </u>					Hours with Ean only (No cool or dobumid) (%)	. +				
Average Een Only Puntime Fraction ((Average Fan Only Runtime Fraction (. +				
Average Tan-Only Nultime Traction (-	(Average Tall-Only Runtime Fraction (-)	013	01.2	01.0	80.8	88
Average Temperature (F	/					Average Temperature (F)	91.3	91.2	91.0	09.0	00.
Total Hours (%						Total Hours (%)	100%	100%	84%	59%	539
Hours With Any Cooling (%	(Hours With Any Cooling (%)	10070	10070	0470	5570	
Ava Cooling Runtime Fraction (-	(Avg. Cooling Runtime Fraction (-)					-
Hours with Any Debumid (%	Ϋ́.					Hours with Any Debumid (%)					-
Average Debumid Runtime Fraction (-	(Average Debumid, Runtime Fraction (-)					-
Hours with Ean-only (No cool or dehumid) (%	,					Hours with Ean-only (No cool or debumid) (%)					-
Average Ean-Only Runtime Fraction (-	(Average Ean-Only Runtime Fraction (-)					-
Average Temperature (F	í –					Average Temperature (F)	84.3	84.2	84 7	85.2	85
May	,					Nov		01.2	04.7	00.2	
Total Hours (%						Total Hours (%)	1				
Hours With Any Cooling (%	í –					Hours With Any Cooling (%)	,			-	-
Avg. Cooling Runtime Fraction (-	í –					Avg. Cooling Runtime Fraction (-)	,				
Hours with Any Dehumid (%	í –					Hours with Any Dehumid (%)					-
Average Dehumid Runtime Fraction (-	í –					Average Dehumid Runtime Fraction (-)	,				
Hours with Fan-only (No cool or dehumid) (%	ý l					Hours with Ean-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-	í –					Average Ean-Only Runtime Fraction (-)				-	-
Average Temperature (F	í –					Average Temperature (F)					
Jun	/				1	Dec	ł			1	1
Total Hours (%)					Total Hours (%)	, <u> </u>				
Hours With Any Cooling (%	í –		1			Hours With Any Cooling (%)				1	1
Ava. Cooling Runtime Fraction (-	б — — — — — — — — — — — — — — — — — — —		1			Avg. Cooling Runtime Fraction (-)				1	1
Hours with Any Dehumid (%	í –		1	1		Hours with Any Dehumid (%)	, 			1	1
Average Dehumid Runtime Fraction (-	í –		1			Average Dehumid Runtime Fraction (-)	, †			<u> </u>	1
Hours with Fan-only (No cool or dehumid) (%	ί.		1			Hours with Ean-only (No cool or debumid) (%)				1	1
Average Fan-Only Runtime Fraction (-	í –		1			Average Fan-Only Runtime Fraction (-)	, †			<u> </u>	1
Average Temperature (F	í –		1			Average Temperature (F)				<u> </u>	1
	/		1	1	1		4			ــــــــــــــــــــــــــــــــــــــ	11

Table 88. Site 23 - Indoor RH Data by month and threshold level for 2000 (AVERAGE of all spaces)

2001		Relative	Humidity T	nreshold		2001		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50% A	bove 55%	Above 60%	Above 65%	Above 70%
1						1.1					
Jan Totol Hours (%)						Jui Totol Houro (%					
Hours With Any Cooling (%)						Hours With Any Cooling (9	9) 				
Ava Cooling Runtime Fraction (-)						Ava Cooling Runtime Fraction (-)				
Hours with Any Debumid (%)						Hours with Any Debumid (%	/				
Average Debumid Runtime Fraction (-)						Average Debumid Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or dehumid) (%) 				
Average Ean-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)						Average Temperature (·)				
Feb		1	I	I	<u> </u>	Aug	/			1	
Total Hours (%)						Total Hours (%) 100%	100%	100%	100%	100%
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (9)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)						Average Temperature (F	97.2	97.2	97.2	97.2	97.2
Mar		J	1	1		Sep	/				
Total Hours (%)						Total Hours (%	b) 100%	100%	100%	100%	98%
Hours With Any Cooling (%)						Hours With Any Cooling (9	5)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%	5)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (9	5)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)						Average Temperature (F	89.6	89.6	89.6	89.6	89.3
Apr						Oct					
Total Hours (%)						Total Hours (%	b) 100%	99%	96%	91%	84%
Hours With Any Cooling (%)						Hours With Any Cooling (%	5)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%	b)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%	b)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)						Average Temperature (F) 85.6	85.6	86.0	86.7	87.4
Мау			1	T		Nov				1	
Total Hours (%)						Total Hours (%	b) 100%	100%	100%	97%	62%
Hours With Any Cooling (%)						Hours With Any Cooling (%	s)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%	s)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%	s)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)						Average Temperature (F) 80.6	80.6	80.6	80.8	81.1
Jun Trialita and Andrea		,				Dec	1000/	4000/	1000/	1000/	1000/
I otal Hours (%)						I otal Hours (%	5) 100%	100%	100%	100%	100%
Hours With Any Cooling (%)	'	l			<u> </u>	Hours With Any Cooling (%	2				
Avg. Cooling Runtime Fraction (-)		<u> </u>				Avg. Cooling Runtime Fraction (2				
Hours with Any Denumid. (%)		<u> </u>				Hours with Any Denumid. (%	2				
Average Denumid. Runtime Fraction (-)		<u> </u>				Average Denumid. Runtime Fraction ((
Average Ean-Only (No cool of denumid) (%)					<u> </u>	Average Eap Only Puntime Erection (2				
Average Fan-Only Kuntime Flaction (-)	<u>├</u> ────				<u> </u>		80.4	80.4	80.4	80.4	80.4
Average reinperature (F)	1	1	1	1	1 I	Average remperature (/ 00.4	00.4	00.4	00.4	00.4

Table 89. Site 23 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001		Relative	e Humidity T	hreshold	_	2001		Relative	Humidity T	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan		1	1	1		Jul	,	1		т <u> </u>	
I otal Hours (%	2					I otal Hours (%	!				
Hours with Any Cooling (%	2					Hours with Any Cooling (%	<u></u>				
Avg. Cooling Runtime Fraction (-	2					Avg. Cooling Runtime Fraction (-	<u></u>				
Hours with Any Denumia. (%	2					Hours with Any Denumid. (%	<u></u>				
Average Denumid. Runtime Fraction (-	2					Average Denumid. Runtime Fraction (-	<u></u>				
Hours with Fan-only (No cool or denumid) (%	2					Hours with Fan-only (No cool or denumid) (%	<u>/</u>				
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only Runtime Fraction (-	<u>/</u>				
Average Temperature (F)					Average Temperature (F	4				
Feb		1				Aug	1000/	1000/	100%	100%	1000
Total Hours (%	2					Total Hours (%	100%	100%	100%	100%	1007
Hours With Any Cooling (%	2					Hours with Any Cooling (%	(<u> </u>				
Avg. Cooling Runtime Fraction (-	2					Avg. Cooling Runume Fraction (-	<u>/</u>				
Hours with Any Denumia. (%	2					Hours with Any Denumia. (%	<u>/</u>				
Average Denumid. Runtime Fraction (-	2					Average Denumid. Runtime Fraction (-	<u>/</u>				
Hours with Fan-only (No cool of denumid) (%	2					Hours with Fan-only (No cool of denumid) (%	<u>/</u>				
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only Runtime Fraction (-	/	07.0	07.0	07.0	
Average Temperature (F)					Average Temperature (F	97.2	97.2	97.2	97.2	97.
Mar Tatal Usura (0)		1	1	1		Sep	1000(4000/	4000/	4000/	
Total Hours (%	2					I otal Hours (%	100%	100%	100%	100%	98%
Hours With Any Cooling (%	2					Hours with Any Cooling (%	<u>/</u>				
Avg. Cooling Runtime Fraction (-	2					Avg. Cooling Runtime Fraction (-	<u></u>				
Hours with Any Denumia. (%	2					Hours with Any Denumid. (%	<u></u>				
Average Denumid. Runtime Fraction (-	2					Average Denumid. Runtime Fraction (-	<u>'</u>				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%	!				
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only Runtime Fraction (-	/				
Average Temperature (F)					Average Temperature (F	1 89.6	89.6	89.6	89.6	89.
Apr Total Hours (%				1		Oct	100%	0.0%	06%	019/	010
Hours With Any Cooling (%	<u></u>					Hours With Any Cooling (%)	100%	99%	90%	9176	047
Ava Cooling Puntimo Fraction (<u></u>					Ava Cooling Puptime Fraction ((
Avg. Cooling Runtime Fraction (-	<u></u>					Avg. Cooling Runtime Fraction (-					
Average Debumid Duptime Freetien (2					Average Debumid Buntime Freetien ((
Average Denumia. Rumanie Fraction (-	<u></u>					Average Denumia. Rumume Fraction (-	(
Hours with Fan-Only (No cool of denumid) (%	2					Average For Only (No cool of defiurnid) (%	(
Average Fan-Only Runtime Fraction (-	<u></u>					Average Fan-Only Runnine Fraction (-	05.6	95.6	96.0	96.7	07
Average remperature (i)					Nov	05.0	05.0	00.0	00.7	07.
Total Hours (%		1				Total Hours (%	100%	100%	100%	97%	629
Hours With Any Cooling (%	<u></u>					Hours With Any Cooling (%	10070	10070	10070	5170	02 /
Avg. Cooling Runtime Fraction (-	<u> </u>					Ava Cooling Runtime Fraction (-	() ————				
Hours with Any Debumid (%	<u></u>					Hours with Any Debumid (%	<u></u>				
Average Debumid, Puntime Fraction (-	(Average Debumid Puptime Fraction (-	(<u> </u>				
Hours with Ean-only (No cool or dehumid) (%	<u></u>					Hours with Ean-only (No cool or debumid) (%	(
Average Ean-Only Puntime Fraction (-	(Average Eap-Only Ruptime Fraction (-	(<u> </u>				
Average Fail-Only Runnine Fraction (-	(Average Tan-Only Runtime Fraction (-	80.6	80.6	80.6	80.8	81
Average remperature (i)					Average reinperature (i	00.0	00.0	00.0	00.0	01.
Total Hours (%		1				Total Hours (%)	100%	100%	100%	100%	1009
Hours With Any Cooling (%	(<u> </u>				+1	Hours With Apy Cooling (%)	100%	10078	10070	10078	1007
Ava Cooling Runtime Fraction (-	(— — — — — — — — — — — — — — — — — — —					Ava Cooling Runtime Fraction (-	(+	
Hours with Any Dehumid (%	(+1	Hours with Any Deburgid (9)	(++	
Average Debumid Puntime Fraction (<hr/>		1			Average Dehumid, Puntime Eraction ((<u>├</u> ───┤	
Hours with Ean-only (No cool or dobumid) (9/	<		1			Hours with Ean-only (No cool or dobumid) (9/	(<u>├</u> ───┤	
Average Ean-Only Puntime Fraction (<					Average Ean-Only Puntime Fraction ((├	
Average Tan-Only Runnine Flaction (-	(<u> </u>		1			Average Tamperature (E	80.4	80.4	80.4	80.4	۵Q
Average remperature (F	/	1	1	1		Average remperature (F	/ 00.4	00.4	00.4	00.4	60.

Table 90. Site 23 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

2000		Relative	Humidity Th	reshold			2000		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
-												
Jan						Jul						
Total Hours (%)							Total Hours (%)					
Hours With Any Cooling (%)							Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)							Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hou	rs with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)							Average Temperature (F)					
Feb						Aug	Tetel Heure (0/)	4000/	0.40/	700/	000/	40/
I otal Hours (%)							I otal Hours (%)	100%	94%	13%	28%	1%
Hours With Any Cooling (%)							Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)							Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hou	rs with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)							Average Temperature (F)	89.3	88.2	85.4	82.8	93.6
Mar						Sep						
Total Hours (%)							Total Hours (%)	100%	99%	96%	93%	89%
Hours With Any Cooling (%)							Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)							Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hou	rs with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)							Average Temperature (F)	92.9	92.7	92.3	92.6	92.6
Apr						Oct						
Total Hours (%)							Total Hours (%)	99%	99%	95%	70%	32%
Hours With Any Cooling (%)							Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)							Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hou	rs with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)							Average Temperature (F)	85.6	85.5	85.6	86.0	88.8
Мау						Nov						
Total Hours (%)							Total Hours (%)					
Hours With Any Cooling (%)							Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)							Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hou	rs with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)							Average Temperature (F)					
Jun						Dec						
Total Hours (%)							Total Hours (%)					
Hours With Any Cooling (%)							Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)							Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hou	rs with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)							Average Temperature (F)					

Table 91. Site 24 - Indoor RH Data by month and threshold level for 2000 (HIGHEST humidity in any space)

2000		Relative	Humidity T	hreshold		2000		Relative	Humidity Tl	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan	\					Jul					
Lours With Apy Cooling (%	/					Lours With Any Cooling (%)					
Ava Cooling Puptime Fraction (/					Avg. Cooling Puntime Fraction (
Avg. Cooling Runtime Fraction (-	/					Avg. Cooling Runtime Fraction (-)					
Average Debumid Puptime Fraction (-	/					Average Debumid, Puntime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%	(Hours with Ean-only (No cool or dehumid) (%)					
Average Ean-Only Puntime Fraction (-						Average Ean-Only Runtime Fraction (-)					
Average Tan-Only Nultime Traction (-	(Average Tall-Only Runtime Fraction (-)					
Feb	/					Average remperature (r)	+			<u> </u>	<u>I</u>
Total Hours (%						Total Hours (%)	100%	94%	73%	28%	19
Hours With Any Cooling (%	<u></u>					Hours With Any Cooling (%)	10070	5470	1370	2070	17
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)					
Hours with Any Debumid (%	<u></u>					Hours with Any Debumid (%)	\				
Average Debumid Runtime Fraction (-)					Average Debumid, Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%))					Hours with Ean-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-	ý					Average Ean-Only Runtime Fraction (-)					
Average Temperature (F	ý					Average Temperature (F)	89.3	88.2	85.4	82.8	93
Mar	/					Sep	00.0	00.2	00.1	02.0	
Total Hours (%)					Total Hours (%)	100%	99%	96%	93%	89%
Hours With Any Cooling (%	Ś.					Hours With Any Cooling (%)	1				
Avg. Cooling Runtime Fraction (-	ý l					Avg. Cooling Runtime Fraction (-)	1				
Hours with Any Dehumid (%	ý l					Hours with Any Dehumid (%)					
Average Dehumid Runtime Fraction (-	ý					Average Debumid Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%	í –					Hours with Ean-only (No cool or debumid) (%)					
Average Fan-Only Runtime Fraction (-	ý					Average Ean-Only Runtime Fraction (-)					
Average Temperature (F	ý					Average Temperature (F)	92.9	92 7	92.3	92.6	92
Apr	/					Oct	02.0	02.1	02.0	02.0	. 02.
Total Hours (%)					Total Hours (%)	99%	99%	95%	70%	329
Hours With Any Cooling (%	Ś.					Hours With Any Cooling (%)	1				,
Avg. Cooling Runtime Fraction (-	Ś.					Avg. Cooling Runtime Fraction (-)	1				
Hours with Any Dehumid. (%	ý.					Hours with Any Dehumid. (%)	1				
Average Dehumid, Runtime Fraction (-	Ś.					Average Dehumid, Runtime Fraction (-)	1				
Hours with Fan-only (No cool or dehumid) (%	ý l					Hours with Fan-only (No cool or dehumid) (%)	1				
Average Fan-Only Runtime Fraction (-	Ś.					Average Fan-Only Runtime Fraction (-)	1				
Average Temperature (F	ý – – – – – – – – – – – – – – – – – – –					Average Temperature (F)	85.6	85.5	85.6	86.0	88.
May	, ,					Nov	1		1	1	
Total Hours (%)					Total Hours (%)	j				
Hours With Any Cooling (%)					Hours With Any Cooling (%	j				
Avg. Cooling Runtime Fraction (-	ý					Avg. Cooling Runtime Fraction (-	j				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%	1				
Average Dehumid, Runtime Fraction (-	ý					Average Dehumid, Runtime Fraction (-	1				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-	ý					Average Fan-Only Runtime Fraction (-	1				
Average Temperature (F	ý					Average Temperature (F	j				
Jun	,					Dec	1		1		
Total Hours (%)					Total Hours (%)	j				
Hours With Any Coolina (%)					Hours With Any Coolina (%	j l				
Avg. Cooling Runtime Fraction (-	j –					Avg. Cooling Runtime Fraction (-)	,				
Hours with Any Dehumid (%	5					Hours with Any Dehumid (%)	1				
Average Dehumid, Runtime Fraction (-	δ.					Average Dehumid, Runtime Fraction (-)	1				1
Hours with Fan-only (No cool or dehumid) (%	Ś.					Hours with Fan-only (No cool or dehumid) (%)	1				1
Average Fan-Only Runtime Fraction (-	ś –		1	1		Average Fan-Only Runtime Fraction (-)	1			t	
Average Temperature (F	ý l		1	1		Average Temperature (F)				t	1
/ tranago remperaturo (r	/		1	1	1	, traiago i amportatoro (i)	4		1	<u> </u>	1

Table 92. Site 24 - Indoor RH Data by month and threshold level for 2000 (AVERAGE of all spaces)

2001		Relative	Humidity Th	nreshold			2001		Relative	Humidity Th	ireshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul	—					
Total Hours (%)							Total Hours (%)				ļ!	
Hours With Any Cooling (%)							Hours With Any Cooling (%)				Į!	
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)				Į!	
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)				Į!	
Average Denumid. Runtime Fraction (-)							Average Denumid. Runtime Fraction (-)				Į!	
Hours with Fan-only (No cool or denumid) (%)						но	urs with Fan-only (No cool or denumid) (%)					
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)				[_]	
Average Temperature (F)						Aug	Average Temperature (F)					
Total Hours (%)				1	1	Aug	Total Hours (%)	100%	100%	100%	06%	710
Hours With Any Cooling (%)							Hours With Any Cooling (%)	100 %	10078	10078	3078	71,
Ava Cooling Puntime Fraction (-)							Avg. Cooling Puntime Eraction (-)					
Hours with Any Debumid (%)							Hours with Any Debumid (%)					
Average Debumid Runtime Fraction (-)							Average Debumid Runtime Fraction (-)					
Hours with Ean-only (No cool or debumid) (%)						Но	urs with Ean-only (No cool or dehumid) (%)					
Average Ean-Only Runtime Fraction (-)						110	Average Ean-Only Runtime Fraction (-)					
Average Tan Only Runame Traction () Average Temperature (F)							Average Temperature (F)	98.6	98.6	98.6	98.8	98
Mar						Sep	Average Temperature (T)	50.0	50.0	50.0	50.0	50.
Total Hours (%)						Cop	Total Hours (%)	100%	100%	100%	100%	74º
Hours With Any Cooling (%)							Hours With Any Cooling (%)	10070	10070	10070		,
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)				[
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)				[
Average Dehumid, Runtime Fraction (-)							Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Но	urs with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)							Average Temperature (F)	90.6	90.6	90.6	90.6	90.
Apr						Oct	· · · · ·					
Total Hours (%)							Total Hours (%)	99%	97%	89%	77%	549
Hours With Any Cooling (%)							Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)							Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Ho	urs with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)				ļ	
Average Temperature (F)							Average Temperature (F)	86.0	86.3	86.6	86.8	86.
May		1	1	1		Nov						
Total Hours (%)							Total Hours (%)	100%	100%	100%	98%	46%
Hours With Any Cooling (%)							Hours With Any Cooling (%)				ļ!	
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)				ļ!	
Hours with Any Dehumid. (%)							Hours with Any Dehumid. (%)				ļ!	
Average Denumid. Runtime Fraction (-)							Average Denumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Но	urs with Fan-only (No cool or dehumid) (%)				Į!	
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)	04.0	04.0	04.0	01.1	00
Average Temperature (F)						Dee	Average Temperature (F)	81.2	81.2	81.2	81.4	83.
Jun Total Hours (%)						Dec	Total Hours (%)	100%	100%	100%	100%	010
Hours With Any Cooling (%)							Hours With Any Cooling (%)	100%	100%	100%	100%	017
Ava Cooling Puntime Fraction ()							Ava Cooling Puntime Fraction ()				[_]	
Hours with Any Debumid (9)							Hours with Any Debumid (9)					
Average Debumid Runtime Fraction (-)							Average Dehumid Runtime Fraction (-)					
Hours with Fan-only (No cool or debumid) (%)						Ho	urs with Fan-only (No cool or dehumid) (%)				[]	
Average Fan-Only Runtime Fraction (-)						110	Average Fan-Only Runtime Fraction (-)				[]	
Average Temperature (F)							Average Temperature (F)	80.9	80.9	80.9	80.9	82.
									- 510	-0.0		02.

Table 93. Site 24 - Indoor RH Data by month and threshold level for 2001 (HIGHEST humidity in any space)

2001	Rela	tive Humidity 1	hreshold		2001		Relative	Humidity T	nreshold	
Month	Above 50% Above 5	5% Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
1										
Jan Total Hours (%	\				Jui Total Hours (%	\				1
Hours With Any Cooling (%	/				Hours With Any Cooling (%	·/				-
Avg. Cooling Runtime Fraction (-	/				Avg. Cooling Runtime Fraction (-	.)				-
Hours with Any Dehumid (%	5				Hours with Any Dehumid (%)				-
Average Debumid Runtime Fraction (-	/ .)				Average Dehumid, Runtime Fraction (-				-	
Hours with Ean-only (No cool or dehumid) (%	Ś.				Hours with Ean-only (No cool or dehumid) (%	<i>,</i>			-	
Average Fan-Only Runtime Fraction (-	ý l				Average Fan-Only Runtime Fraction (-)				-
Average Temperature (F	ý				Average Temperature (F	ý)				
Feb	1			1	Aug	/			1	1
Total Hours (%	.)				Total Hours (%) 100%	100%	100%	96%	71%
Hours With Any Cooling (%)				Hours With Any Cooling (%)				-
Avg. Cooling Runtime Fraction (-					Avg. Cooling Runtime Fraction (-	.)				
Hours with Any Dehumid. (%					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-					Average Dehumid. Runtime Fraction (-	.)				
Hours with Fan-only (No cool or dehumid) (%					Hours with Fan-only (No cool or dehumid) (%	.)				
Average Fan-Only Runtime Fraction (-					Average Fan-Only Runtime Fraction (-	.)				
Average Temperature (F)				Average Temperature (F	98.6	98.6	98.6	98.8	98.
Mar					Sep	, 				
Total Hours (%)				Total Hours (%) 100%	100%	100%	100%	74%
Hours With Any Cooling (%)				Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)				Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)				Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)				Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)				Average Temperature (F) 90.6	90.6	90.6	90.6	90.
Apr					Oct					*
Total Hours (%)				Total Hours (%) 99%	97%	89%	77%	54%
Hours With Any Cooling (%)				Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)				Avg. Cooling Runtime Fraction (-	•)				
Hours with Any Dehumid. (%)				Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)				Average Dehumid. Runtime Fraction (-	·)				
Hours with Fan-only (No cool or dehumid) (%)				Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)				Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)				Average Temperature (F) 86.0	86.3	86.6	86.8	86.
Мау					Nov				T	
I otal Hours (%)				I otal Hours (%) 100%	100%	100%	98%	46%
Hours With Any Cooling (%	2				Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)				Avg. Cooling Runtime Fraction (-	•)				
Hours with Any Dehumid. (%)				Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-	2				Average Dehumid. Runtime Fraction (-	•)			<u> </u>	
Hours with Fan-only (No cool or dehumid) (%)				Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)				Average Fan-Only Runtime Fraction (-	•)	01.0	04.0		
Average Temperature (F	/				Average Temperature (F) 81.2	81.2	81.2	81.4	83.2
Jun	、 — — — — — — — — — — — — — — — — — — —				Dec	10000	4000/	1000/	40000	0.10
I otal Hours (%	2				Total Hours (%) 100%	100%	100%	100%	819
Hours with Any Cooling (%	(<u> </u>			<u>+</u> I	Hours with Any Cooling (%	?I			<u> </u>	+
Avg. Cooling Runtime Fraction (-	(<u> </u>			<u>+</u> I	Avg. Cooling Runtime Fraction (-	·/			<u> </u>	+
Hours with Any Dehumid. (%	2		-	<u> </u>	Hours with Any Dehumid. (%	2			<u> </u>	
Average Dehumid. Runtime Fraction (-	2		-	<u> </u>	Average Dehumid. Runtime Fraction (-	·)			<u> </u>	+
Hours with Fan-only (No cool or dehumid) (%	2		-	<u> </u>	Hours with Fan-only (No cool or dehumid) (%	2			<u> </u>	
Average Fan-Only Runtime Fraction (-	2		-	<u> </u>	Average Fan-Only Runtime Fraction (-			00.0		
Average Temperature (F	/				Average Temperature (F) 80.9	80.9	80.9	80.9	82.9

Table 94. Site 24 - Indoor RH Data by month and threshold level for 2001 (AVERAGE of all spaces)

2002		Relative	Humidity Th	reshold		2002		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul					
Total Hours (%))					Total Hours (%)				
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction ()				
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction ()				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction ()				
Average Temperature (F)						Average Temperature (F)				
Feb						Aug					
Total Hours (%)				1		Total Hours (%)				1
Hours With Any Cooling (%)						Hours With Any Cooling (%)		l		1
Avg. Cooling Runtime Fraction (-)				1		Avg. Cooling Runtime Fraction ()				1
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction ()				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction ()				
Average Temperature (F)						Average Temperature (F)				
Mar						Sep					
Total Hours (%)						Total Hours (%)				
Hours With Any Cooling (%)				·		Hours With Any Cooling (9)				
Avg. Cooling Runtime Fraction (-)				·		Avg. Cooling Runtime Fraction ()				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction ()				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (ý				
Average Temperature (F)						Average Temperature ()				
Apr		1			· · · · · · · · · · · · · · · · · · ·	Oct				1	
Total Hours (%)				1		Total Hours (%) 99%	95%	81%	56%	3%
Hours With Any Cooling (%)						Hours With Any Cooling (9)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (ý				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (ý				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (ý				
Average Temperature (F)						Average Temperature (F) 74.6	74.6	74.7	74.7	74.0
May						Nov					
Total Hours (%)						Total Hours (%) 67%	47%	18%	3%	0%
Hours With Any Cooling (%)				·		Hours With Any Cooling (9)				
Avg. Cooling Runtime Fraction (-)				·		Avg. Cooling Runtime Fraction ()				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)				·		Average Dehumid. Runtime Fraction ()				
Hours with Fan-only (No cool or dehumid) (%)				·		Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (ý				
Average Temperature (F)				·		Average Temperature (F) 71.3	71.1	70.6	68.6	66.3
Jun						Dec					
Total Hours (%)						Total Hours (%) 38%	18%	2%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction ()				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction ()				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (9)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction ()		1		
Average Temperature (F)						Average Temperature () 71.9	72.2	72.1		

Table 95. Site 25 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002 Month		Relative	e Humidity T	hreshold	_	2002 Month	Relative Humidity Threshold					
	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
lan						hut.						
Total Hours (%)						Total Hours (%)	\	T	1	T	1	
Hours With Any Cooling (%	<u> </u>					Hours With Any Cooling (%)					-	
Avg. Cooling Runtime Fraction (-	<u> </u>					Avg. Cooling Runtime Fraction (-)					-	
Hours with Any Dehumid (%	<u> </u>					Hours with Any Debumid (%)	<u></u>				-	
Average Debumid, Puntime Fraction (-	(Average Debumid, Puntime Eraction (-)			+	+	-	
Hours with Ean-only (No cool or debumid) (%	<u></u>					Hours with Ean-only (No cool or dehumid) (%)			+	+	-	
Average Ean-Only Runtime Fraction (-	(Average Fan-Only Runtime Fraction (-)	,				-	
	<u></u>					Average Tan Only Runame Traction (-)			-		-	
Fob	/					Average remperature (r)		L			1	
Total Hours (%)		1		1		Total Hours (%)	\			1	1	
Hours With Any Cooling (%	<u></u>					Hours With Any Cooling (%)			+	+	-	
Ava Cooling Puntime Fraction (-	(Ava Cooling Puntime Eraction (-)			+	+	-	
Hours with Any Dohumid (%)	<u></u>					Hours with Any Dobumid (%)			+	+	+	
Average Debumid, Ruptime Fraction (-	<u> </u>					Average Debumid, Puntime Fraction (-)	<u>.</u>		-		-	
Hours with East only (No cool or deburgid) (%	<u></u>					Hours with Ean only (No cool or dobumid) (%)			+	+	+	
Average Eap Only Puntime Fraction ((Average Fan Only Puntime Fraction (<u></u>		+	+	+	
Average Fan-Only Runtime Fraction (-	<u></u>					Average Fan-Only Runtime Fraction (-)	<u></u>					
Average Temperature (F)					Average Temperature (F)	4	L				
Mar Total Hours (9/		1		1		Sep			T	T	1	
I Javes With Any Casling (%)	2						<u></u>				-	
Hours with Any Cooling (%	2					Hours with Any Cooling (%)	<u></u>				-	
Avg. Cooling Runtime Fraction (-	2					Avg. Cooling Runtime Fraction (-)	<u></u>			+	-	
Hours with Any Dehumid. (%	2					Hours with Any Dehumid. (%)	<u></u>			+	-	
Average Denumid. Runtime Fraction (-	2					Average Denumid. Runtime Fraction (-,	<u>'</u>					
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	<u>'</u>					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-,	<u>'</u>		+		-	
Average Temperature (F)					Average Temperature (F)	4	L			<u> </u>	
Apr		1		1		Uct	000/	0.49/	700/	450/	0	
I otal Hours (%	2					I otal Hours (%)	99%	94%	, 79%	, 45%	05	
Hours with Any Cooling (%	2					Hours with Any Cooling (%)	<u></u>				-	
Avg. Cooling Runtime Fraction (-	2					Avg. Cooling Runtime Fraction (-)	<u></u>				-	
Hours with Any Denumia. (%	2					Hours with Any Denumia. (%)	<u></u>				-	
Average Denumid. Runtime Fraction (-	2					Average Denumid. Runtime Fraction (-	<u></u>				-	
Hours with Fan-only (No cool or denumid) (%	2					Hours with Fan-only (No cool or denumid) (%)	<u></u>		+		-	
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only Runtime Fraction (-)	74.0	745	74 (74.0		
Average Temperature (F)				<u> </u>	Average Temperature (F)	74.3	74.3	/4.3	<i>i</i> 74.2	<u> </u>	
May		1	1			NOV	570/	0000	100	000		
I otal Hours (%	2					I otal Hours (%)	5/%	33%	, 12%	, 0%	05	
Hours with Any Cooling (%	2					Hours with Any Cooling (%)	<u></u>		+		-	
Avg. Cooling Runtime Fraction (-	2					Avg. Cooling Runtime Fraction (-,	<u>'</u>					
Hours with Any Denumid. (%	2					Hours with Any Denumid. (%)	<u></u>		+		-	
Average Denumid. Runtime Fraction (-	2					Average Denumid. Runtime Fraction (-,	<u>'</u>		+		-	
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)	<u>'</u>					
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)						
Average Temperature (F)					Average Temperature (F)	/0.8	/1.0	69.9	1		
Jun		T	1	1		Dec						
I otal Hours (%)					I otal Hours (%)	28%	10%	<u>, 0%</u>	»	09	
Hours With Any Cooling (%	2					Hours With Any Cooling (%)	· 			+		
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)	· 			+		
Hours with Any Dehumid. (%)				ļ	Hours with Any Dehumid. (%)	·		+	+	<u> </u>	
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)	/	<u> </u>		<u> </u>		
Hours with Fan-only (No cool or dehumid) (%)				ļ	Hours with Fan-only (No cool or dehumid) (%)	/	<u> </u>	<u> </u>	<u> </u>		
Average Fan-Only Runtime Fraction (-)				ļ	Average Fan-Only Runtime Fraction (-)	/	<u> </u>	<u> </u>	<u> </u>	1	
Average Temperature (F)	L				Average Temperature (F)	71.8	72.5	ii			

Table 96. Site 25 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

Table 37. Site 23 - Indoor Nit Data by month and threshold level for 2003 (months) humany space

Month Jan

Feb

Mar

Apr

May

Jun

2003	Relative Humidity Threshold					2003	Relative Humidity Threshold				
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65% A	bove 70%
n Total Hours (%)	1 / 10/	20/	0%	0%	0%	Jul Total Hours (%)	220/	20/	10/	0%	09/
Hours With Any Cooling (%)	14%	2%	0%	0%	0%	Hours With Any Cooling (%)	32%	2%	170	0%	0%
Ava Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)						Hours with Any Dehumid (%)					
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	71.7	72.4				Average Temperature (F)	75.4	75.3	75.0	75.9	
b						Aug					
Total Hours (%)	45%	31%	14%	2%	0%	Total Hours (%)	14%	1%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool or denumid) (%)					
Average Fan-Only Runtime Fraction (-)	74 5	74.0	71.1	71.0	60.4	Average Fan-Only Runtime Fraction (-)	70.0	76 5			
Average Temperature (F)	/1.5	71.3	71.1	71.2	69.4	Average Temperature (F)	78.3	76.5			
Total Hours (%)	87%	69%	42%	7%	1%	Total Hours (%)	31%	5%	1%	0%	0%
Hours With Any Cooling (%)	0170	0070	42.70	170	170	Hours With Any Cooling (%)	5170	570	170	070	070
Avg. Cooling Runtime Eraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)						Hours with Any Dehumid (%)					
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	70.7	70.9	70.7	69.1	68.8	Average Temperature (F)	77.4	78.5	77.2		
pr						Oct					
Total Hours (%)	92%	62%	37%	8%	1%	Total Hours (%)	18%	2%	1%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	72.2	72.5	72.0	72.6	71.0	Average Fan-Only Runtime Fraction (-)	74.2	75.0	76.1		
Average Temperature (F)	13.2	73.5	73.9	73.0	71.9	Average remperature (F)	74.5	75.0	70.1		
Total Hours (%)	80%	40%	15%	1%	0%	Total Hours (%)	60%	38%	16%	3%	0%
Hours With Any Cooling (%)	0070	1070		170	0,0	Hours With Any Cooling (%)	28%	30%	40%	47%	0,0
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.15	0.13	0.12	0.10	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	27%	11%	4%	0%	
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)	0.37	0.35	0.36		
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	33%	46%	40%	32%	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	0.38	0.38	0.39	0.39	
Average Temperature (F)	74.5	75.4	76.7	75.9	73.8	Average Temperature (F)	73.8	73.6	73.9	72.8	72.5
n						Dec					
Total Hours (%)	26%	2%	0%	0%	0%	Total Hours (%)	7%	3%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	50%	10%	50%		
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	0.91	1.00	1.00		
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)	100%	100%	100%		
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-)	0.00	0.00	0.00		
Average Eap-Only (No cool of dehumid) (%)						Average Eap Only Dusting Eraction (1)	0%	0%	0%		
Average Fan-Only Kuntime Fraction (-)	75.2	7/6				Average Fail-Only Kuntime Fraction (-)	73.2	72 /	74.2		
Average remperature (F)	13.2	74.0				Average remperature (F)	13.2	12.4	14.Z		
Table 98. Site 25 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces	Table 98.	Site 25 - Indoor RH	I Data by month an	d threshold level for	r 2003 (AVER	AGE of all spaces					
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2003		Relative	e Humidity T	hreshold			2003		Relative	e Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	1	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan	20/	00/	00/	00/	09/	Jul	Total Hours (9/	00/	00/	00/	00/	00/
Hours With Any Cooling (%)	2%	0%	0%	0%	0%		Lours With Apy Cooling (%)) 8%	0%	0%	0%	0%
Avg. Cooling Puntime Erection ()							Ava Cooling Puntimo Fraction (<u></u>				
Hours with Any Debumid (%)	-						Hours with Any Debumid (%)	<u> </u>				
Average Debumid Puntime Fraction (-)							Average Debumid, Runtime Fraction (-)	(
Hours with Eap-only (No cool or debumid) (%)						Но	urs with Ean-only (No cool or debumid) (%)	(
Average Fan-Only Runtime Fraction (-)						110	Average Ean-Only Runtime Fraction (-)	(
Average Tan-Only Runtime Traction (-)	72.6						Average Tan-Only Kultume Fraction (-,	76.3	75.0			
Feb	72.0				<u> </u>	Aug	Average Temperature (1)	/ /0.3	13.0			
Total Hours (%)	33%	13%	1%	0%	0%	Aug	Total Hours (%)	6%	0%	0%	0%	0%
Hours With Any Cooling (%)	0070	1070	170	070	070		Hours With Any Cooling (%)	0/0	0,0	070	070	
Ava Cooling Runtime Fraction (-)							Ava Cooling Runtime Fraction (-)	<u> </u>				
Hours with Any Debumid (%)							Hours with Any Dehumid (%)	<u></u>				
Average Debumid Runtime Fraction (-)							Average Debumid Runtime Fraction (-)	(
Hours with Ean-only (No cool or debumid) (%)						Но	urs with Ean-only (No cool or dehumid) (%)	<u></u>				
Average Ean-Only Runtime Eraction (-)						110	Average Ean-Only Runtime Eraction (-)	(
Average Fan-Only Runtime Flaction (-)	71.1	71.0	72.2				Average Fan-Only Runtime Fraction (-,	0.1				
Average Temperature (F)	/1.1	71.2	12.2			Son	Average Temperature (F)) 00.4				
Total Hours (%)	72%	43%	5%	0%	0%	Sep	Total Hours (%)	17%	1%	0%	0%	0%
Hours With Any Cooling (%)	12/0	4370	570	070	070		Hours With Any Cooling (%)	1770	170	070	070	07
Ava Cooling Puntime Fraction (-)							Ava Cooling Puntime Fraction (-)	(
Hours with Any Debumid (%)							Hours with Any Debumid (%)	(
Average Debumid Puntime Fraction (-)							Average Debumid, Runtime Fraction (-)	(
Average Denumia. Rumine Fraction (-)						Но	Average Denumu. Rumine Fraction (-,	<u></u>				
Average Fan Only (No cool of denumic) (%)							Average Eep Only Runtime Fraction (<u></u>				
Average Fan-Only Runtime Flaction (-)	70.5	70.0	71 7				Average Fan-Only Runtime Fraction (-,	70 /	90 F			
Average reinperature (r)	70.5	70.3	/ /1./			Oct	Average Temperature (1)	/ /0.4	00.5			
Total Hours (%)	60%	27%	5%	0%	0%	001	Total Hours (%)	5%	1%	0%	0%	0%
Hours With Any Cooling (%)	0070	2170	0,0	070	0,0		Hours With Any Cooling (%)	, 0,0		0,0	070	
Avg. Cooling Runtime Fraction (-)	-						Ava Cooling Runtime Fraction (-)	Ś				
Hours with Any Dehumid (%)							Hours with Any Dehumid (%)	Ś				
Average Debumid Runtime Fraction (-)							Average Debumid Runtime Fraction (-)	<u> </u>				
Hours with Ean-only (No cool or debumid) (%)						Ho	urs with Ean-only (No cool or dehumid) (%)	<u></u>				
Average Ean-Only Runtime Fraction (-)						110	Average Fan-Only Runtime Fraction (-)	<u> </u>				
Average Temperature (F)	73.2	73.9	74.3				Average Temperature (F)	75 7	76.0	76.9		
May	10.2	10.0	1 110		<u> </u>	Nov	/ totage remperature (r)	/	1010			
Total Hours (%)	33%	11%	1%	0%	0%		Total Hours (%)) 54%	24%	9%	0%	0%
Hours With Any Cooling (%)							Hours With Any Cooling (%)	26%	36%	33%	100%	
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-)	0.14	0.12	0.11	0.05	
Hours with Any Dehumid (%)							Hours with Any Dehumid (%)	25%	6%	0%	0%	
Average Dehumid Runtime Fraction (-)							Average Dehumid Runtime Fraction (-)	0.38	0.37	0,0	0,0	
Hours with Fan-only (No cool or dehumid) (%)						Ho	urs with Ean-only (No cool or dehumid) (%)	36%	40%	48%	0%	
Average Fan-Only Runtime Fraction (-)							Average Fan-Only Runtime Fraction (-)	0.38	0.38	0.39	0,0	
Average Temperature (F)	75.6	76.8	78.8				Average Temperature (F)	73.1	73.6	73.7	71.8	
Jun					1	Dec		,				
Total Hours (%)	2%	0%	0%	0%	0%		Total Hours (%)) 4%	0%	0%	0%	0%
Hours With Any Cooling (%)							Hours With Any Cooling (%)	23%	0%			
Avg. Cooling Runtime Fraction (-)							Avg. Cooling Runtime Fraction (-	1.00	0,0			
Hours with Any Dehumid (%)			1				Hours with Any Dehumid (%)	100%	100%			
Average Dehumid, Runtime Fraction (-)		1		1	<u> </u>		Average Dehumid, Runtime Fraction (-)	0.00	0.00	1		
Hours with Fan-only (No cool or dehumid) (%)		1		1	<u> </u>	Ho	urs with Fan-only (No cool or dehumid) (%)	0%	0%	1		
Average Fan-Only Runtime Fraction (-)		1	1	1	<u> </u>		Average Fan-Only Runtime Fraction (-)	<u> </u>	070	1		
Average Temperature (F)	75.0		1		<u> </u>		Average Temperature (F)	72 2	72 4			
		· · · · ·	1	I	· · · · · · · · · · · · · · · · · · ·	L		4		I		

Table 99. Site 25 - Indoor RH Data by month and threshold level for 2004 (HIGHEST humidity in any space)

2004		Relative	Humidity Th	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jul					
Total Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					[
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					ĺ
Aug					
Total Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					ĺ
Average Dehumid. Runtime Fraction (-)					[
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					[
Average Temperature (F)					ĺ
Sep					
Total Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
Oct					
Total Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
Nov		1		1	1
Total Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
Dec					
I otal Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					<u> </u>
Average Dehumid. Runtime Fraction (-)					<u> </u>
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					

2004	Relative Humidity Threshold									
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%					
		Above co/a	ABOVC 0070	10010 0070	Above 1070					
Jan										
Total Hours (%)	34%	24%	12%	4%	1%					
Hours With Any Cooling (%)	59%	48%	35%	4%	0%					
Avg. Cooling Runtime Fraction (-)	0.99	1.00	1.00	1.00						
Hours with Any Dehumid. (%)	100%	100%	100%	100%	100%					
Average Dehumid. Runtime Fraction (-)	0.00	0.00	0.00	0.00	0.00					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%					
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)	72.8	72.9	72.9	72.3	70.5					
Feb	050/	4.40/	00/	00/	00/					
I otal Hours (%)	25%	14%	2%	0%	0%					
Hours With Any Cooling (%)	100%	100%	100%							
Avg. Cooling Runtime Fraction (-)	0.44	0.40	0.44							
Hours with Any Denumid. (%)	15%	1%	6%							
Average Denumic. Runtime Fraction (-)	0.00	0.00	0.00							
Average Eep Oply Buntime Fraction ()	0%	0%	0%							
Average Fail-Only Runtime Fraction (-)	72.1	72.0	72.6							
Mar	12.1	12.0	72.0							
Total Hours (%)	77%	64%	39%	16%	2%					
Hours With Any Cooling (%)	100%	100%	100%	100%	100%					
Avg. Cooling Runtime Fraction (-)	0.39	0.39	0.39	0.39	0.39					
Hours with Any Dehumid. (%)	20%	19%	17%	13%	0%					
Average Dehumid. Runtime Fraction (-)	0.00	0.00	0.00	0.00						
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%					
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)	74.1	74.2	74.1	73.6	73.3					
Apr		•	•	•						
Total Hours (%)	90%	66%	34%	13%	3%					
Hours With Any Cooling (%)	100%	100%	100%	100%	100%					
Avg. Cooling Runtime Fraction (-)	0.40	0.39	0.39	0.39	0.38					
Hours with Any Dehumid. (%)	36%	29%	33%	32%	11%					
Average Dehumid. Runtime Fraction (-)	0.00	0.00	0.00	0.00	0.00					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%					
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)	73.9	73.6	73.8	73.8	73.0					
May			100/		=0/					
I otal Hours (%)	91%	68%	48%	26%						
Hours With Any Cooling (%)	100%	100%	100%	100%	100%					
Avg. Cooling Runtime Fraction (-)	0.43	0.40	0.39	0.39	0.39					
Hours with Any Denumid. (%)	60%	47%	40%	34%	31%					
Average Denumid. Runtime Fraction (-)	0.00	0.00	0.00	0.00	0.00					
Average Eep Oply Buntime Fraction ()	0%	0%	0%	0%	0%					
Average Fail-Only Runtime Fraction (-)	74.6	74.6	74.7	74.8	74.4					
Average remperature (F)	/4.0	/4.0	/4./	/4.0	14.4					
Total Hours (%)	87%	54%	41%	22%	∆%					
Hours With Any Cooling (%)	100%	100%	100%	100%	100%					
Ava, Cooling Runtime Fraction (-)	0.45	0.39	0.38	0.39	0.39					
Hours with Any Dehumid (%)	69%	53%	37%	21%	35%					
Average Dehumid, Runtime Fraction (-)	0.00	0.00	0.00	0.00	0.00					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%					
Average Fan-Only Runtime Fraction (-)	0,0	270	270	270	570					
Average Temperature (F)	75.4	75.7	75.9	75.4	74.5					

 Average Temperature (F)
 75.4
 75.7
 75.9

 Note: Average Runtime Fractions only include periods where the runtime is greater than zero.
 The second secon

Table 100. Site 25 - Indoor RH Data by month and threshold level for 2004 (AVERAGE of all spaces)

2004	Relative Humidity Threshold									
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%					
Jul										
Total Hours (%)										
Hours With Any Cooling (%)										
Avg. Cooling Runtime Fraction (-)										
Hours with Any Dehumid. (%)										
Average Dehumid. Runtime Fraction (-)										
Hours with Fan-only (No cool or dehumid) (%)										
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)										
Aug			1							
Total Hours (%)										
Hours With Any Cooling (%)										
Avg. Cooling Runtime Fraction (-)										
Hours with Any Dehumid. (%)										
Average Dehumid. Runtime Fraction (-)										
Hours with Fan-only (No cool or dehumid) (%)										
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)										
Sep	-									
I otal Hours (%)										
Hours With Any Cooling (%)	-									
Avg. Cooling Runtime Fraction (-)										
Hours with Any Denumid. (%)										
Average Denumid. Runtime Fraction (-)										
Hours with Fan-only (No cool of denumid) (%)										
Average Fan-Only Runtime Flaction (-)	-									
Average reinperature (F)										
Total Hours (%)										
Hours With Any Cooling (%)										
Avg. Cooling Runtime Fraction (-)	-									
Hours with Any Dehumid (%)	-									
Average Dehumid, Runtime Fraction (-)										
Hours with Fan-only (No cool or dehumid) (%)										
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)										
Nov		1	1	1	1					
Total Hours (%)										
Hours With Any Cooling (%)										
Avg. Cooling Runtime Fraction (-)										
Hours with Any Dehumid. (%)										
Average Dehumid. Runtime Fraction (-)										
Hours with Fan-only (No cool or dehumid) (%)										
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)										
Dec										
Total Hours (%)										
Hours With Any Cooling (%)										
Avg. Cooling Runtime Fraction (-)										
Hours with Any Dehumid. (%)										
Average Dehumid. Runtime Fraction (-)										
Hours with Fan-only (No cool or dehumid) (%)										
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)										

2004	Relative Humidity Threshold									
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%					
Jan	270/	100/	60/	10/	00/					
Hours With Any Cooling (%)	21%	19%	6% 7%	1%	0%					
Ava Cooling Puntime Fraction (-)	52%	43%	1.00	0%						
Hours with Any Debumid (%)	100%	100%	100%	100%						
Average Debumid Runtime Fraction (-)	0.00	0.00	0.00	0.00						
Hours with Ean-only (No cool or dehumid) (%)	0%	0.00	0%	0.00						
Average Fan-Only Runtime Fraction (-)	0,0	070	070	0,0						
Average Temperature (F)	72.3	72.4	72.0	70.7						
Feb										
Total Hours (%)	18%	10%	0%	0%	0%					
Hours With Any Cooling (%)	100%	100%	100%							
Avg. Cooling Runtime Fraction (-)	0.40	0.40	0.37							
Hours with Any Dehumid. (%)	10%	7%	0%							
Average Dehumid. Runtime Fraction (-)	0.00	0.00								
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%							
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)	71.5	71.9	71.0							
Mar	====									
I otal Hours (%)	/3%	57%	31%	8%	0%					
Hours With Any Cooling (%)	100%	100%	100%	100%	100%					
Avg. Cooling Runtime Fraction (-)	0.39	0.39	0.39	0.38	0.38					
Hours with Any Denumid. (%)	21%	19%	16%	11%	0%					
Average Denumic. Rumine Fraction (-)	0.00	0.00	0.00	0.00	0%					
Average Ean-Only Puntime Eraction (-)	076	0%	0%	0%	0%					
Average Temperature (F)	73.6	73.8	73 7	73.4	72.3					
Apr	10.0	75.0	15.1	75.4	72.5					
Total Hours (%)	81%	52%	19%	7%	1%					
Hours With Any Cooling (%)	100%	100%	100%	100%	100%					
Avg. Cooling Runtime Fraction (-)	0.39	0.39	0.39	0.39	0.39					
Hours with Any Dehumid. (%)	35%	30%	29%	15%	0%					
Average Dehumid. Runtime Fraction (-)	0.00	0.00	0.00	0.00						
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%					
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)	73.3	73.2	73.8	73.3	71.8					
May										
Total Hours (%)	80%	58%	37%	13%	2%					
Hours With Any Cooling (%)	100%	100%	100%	100%	100%					
Avg. Cooling Runtime Fraction (-)	0.42	0.40	0.39	0.39	0.39					
Hours with Any Denumid. (%)	54%	43%	33%	28%	0%					
Average Denumic. Rumine Fraction (-)	0.00	0.00	0.00	0.00	0%					
Average Ean-Only Runtime Fraction (-)	078	078	078	078	078					
Average Temperature (F)	74.0	74.2	74.5	74.8	75.1					
Jun	1 110		1 110	1 110	1011					
Total Hours (%)	65%	45%	28%	6%	0%					
Hours With Any Cooling (%)	100%	100%	100%	100%	100%					
Avg. Cooling Runtime Fraction (-)	0.40	0.39	0.39	0.39	0.39					
Hours with Any Dehumid. (%)	60%	43%	26%	15%	0%					
Average Dehumid. Runtime Fraction (-)	0.00	0.00	0.00	0.00						
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%					
Average Fan-Only Runtime Fraction (-)			-		-					
Average Temperature (F)	75.0	75.5	75.7	76.2	74.5					

 Average Temperature (F)
 75.0
 75.7

 Note: Average Runtime Fractions only include periods where the runtime is greater than zero.
 The second second

2002		Relative	Humidity Th	reshold		2002		Relative	Humidity Th	ireshold	
Nonth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lan						Jul					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)				ļ	
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
eb						Aug					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				1	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				1	
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				1	
Average Temperature (F)						Average Temperature (F)				1	
Nar ()		1	1	1		Sep					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid Runtime Fraction (-)						Average Dehumid Runtime Fraction (-)				(
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or debumid) (%)				[]	
Average Ean-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)				[]	
Average Temperature (F)						Average Temperature (F)				(
Apr						Oct	1				
Total Hours (%)						Total Hours (%)	100%	62%	7%	3%	.3%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	10070		1.70	0,0	070
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				(
Hours with Any Debumid (%)						Hours with Any Debumid (%)					
Average Debumid Runtime Fraction (-)						Average Debumid Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or debumid) (%)				[]	
Average Ean-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)					
Average Tamonily Runtime Traction ()						Average Temperature (F)	72.1	72 5	73.0	73.8	73.8
Average Temperature (T)						Nov	72.1	12.0	73.0	70.0	70.0
Total Hours (%)						Total Hours (%)	25%	5%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	2070	570	070	070	070
Ava Cooling Puntime Fraction (-)						Ava Cooling Puntime Fraction (-)					
Hours with Any Dobumid (%)						Avg. Cooling Runnie Fraction (-)					
Average Debumid Puntime Fraction ()						Average Debumid, Puntime Fraction ()					
Average Denumu. Rumme Fraction (-)						Average Denumic. Rumine Fraction (-)					
Hours with Fan-Only (No cool of denumic) (%)						Hours with Fan-only (No cool of denumic) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	70.0	74.1	70.0		
Average Temperature (F)						Average remperature (F)	13.2	74.1	12.0		
un Tatal Haura (%)						Dec	150/	10/	00/	00/	09/
I otal Hours (%)						I otal Hours (%)	15%	1%	0%	0%	0%
Hours With Any Cooling (%)					<u> </u>	Hours with Any Cooling (%)			'		
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)			'		
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)			'		
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)			ļ'		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)	74.5	74.8	73.8	1	

Table 101. Site 26 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002		Relative	e Humidity Th	reshold		2002		Relative	Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
			•		•					•	
Jan						Jul					
Total Hours (%)	1					Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	1					Average Temperature (F)					
Feb		1	1	1		Aug		1	1	1	1
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Mar						Sep					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Apr						Oct					
Total Hours (%)						Total Hours (%)	96%	34%	4%	3%	2%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)	71.3	71.6	72.1	72.4	72.6
Мау						Nov					
Total Hours (%)						Total Hours (%)	15%	1%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)	72.3	71.4			
Jun			÷			Dec					•
Total Hours (%)						Total Hours (%)	8%	0%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)			1		1	Average Fan-Only Runtime Fraction (-)	-		1	1	
Average Temperature (F)		1	1			Average Temperature (F)	73.7	73.7	1	1	
		1	1	1	· · · · · · · · · · · · · · · · · · ·	, tranago i emperaturo (i)			1	1	1

Table 102. Site 26 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

Table 103.	Site 26 - Indoor RH Data b	y month and threshold level for 2003 ((HIGHEST humidity in any space)

Month Jan

Feb

Mar

Apr

May

Jun

					,						
2003		Relative	Humidity Th	reshold		2003		Relative	e Humidity Th	reshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
an l						Jul					
Total Hours (%)	1%	0%	0%	0%	0%	Total Hours	(%) 8%	0%	0%	0%	0%
Hours With Any Cooling (%)	.,.	•,•				Hours With Any Cooling	(%)			•,•	
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	n (-)				
Hours with Any Dehumid (%)						Hours with Any Debumid	(%)				
Average Debumid Puntime Eraction (-)						Average Debumid Puntime Fractic	(/0) n (-)				
Hours with For only (No cool or deburnid) (9()						Hours with East and (No applier deburgid	(0()				
Average For Only Duptime Frontier (1)						Average For Only Buntime Fractic	(%)				
Average Fan-Only Runtime Fraction (-)	70.5	70.4				Average Fan-Only Runume Fraction	(-)				
Average Temperature (F)	73.5	70.4				Average Temperatur	e(F) 75.0				
	4.40/	40/	00/	00/	00/	Aug	(0()	00/	00/	00/	00/
I otal Hours (%)	14%	1%	0%	0%	0%		(%) 3%	0%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling	(%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	n (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid	(%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	n (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid	(%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	n (-)				
Average Temperature (F)	74.1	74.4				Average Temperatur	e (F) 74.3	71.8	5		
ar						Sep					
Total Hours (%)	20%	2%	0%	0%	0%	Total Hours	(%) 3%	0%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling	(%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	n (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid	(%)				
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction	n (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or dehumid	(%)				
Average Ean-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction	(,0) n (-)				
Average Temperature (F)	73.4	73 7					(F) 74.7	75.2	,		
nr	73.4	10.1			l	Oct	, (1) 74.7	10.2	•		
Total Hours (%)	11%	0%	0%	0%	0%	Total Hours	(%) 33%	4%	0%	0%	0%
Hours With Any Cooling (%)	1170	070	070	070	070	Hours With Any Cooling	(%)	7.0	0,0	070	070
Ava Cooling Puntime Fraction (-)						Ava Cooling Puntime Fractic	(/0) n (-)				
Hours with Any Dehumid (9)						Avg. Cooling Runnine Fraction	(0()				
Average Debumid Duptime Freetien ()						Average Debumid Buntime Freetic	(%)				
Average Denumid. Runtime Fraction (-)						Average Denumid. Runume Fraction	(0()				
Hours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool of denumid	(%)				
Average Fan-Only Runtime Fraction (-)	74.4	70.0				Average Fan-Only Runtime Fractio	n (-)	70.0			
Average Temperature (F)	74.1	72.9				Average Temperatur	(F) 73.6	/3.8			
ay Total Haura (%)	220/	00/	00/	09/	09/	NOV	(0/) 1000/	E 00/	40/	00/	00/
I Javas With Arry Casting (%)	23%	0%	0%	0%	0%		(%) 100%	30%	4%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling	(%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	n (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid	(%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	n (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid	(%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	n (-)				
Average Temperature (F)	74.4	74.5				Average Temperatur	e (F) 74.4	74.3	74.4		
ın						Dec					
Total Hours (%)	7%	0%	0%	0%	0%	Total Hours	(%)				
Hours With Any Cooling (%)						Hours With Any Cooling	(%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	n (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid	(%)				
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction	n (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid	(%)		1		
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	n (-)	1	1		
Average Temperature (F)	74 7	72 8	72 5	72 5		Average Temperatur	(F)				
	1	12.0	12.0	12.0	·	/worago rompetatur	N /	1	1		

Table 104.	Site 26 - Indoor RH Data I	by month and threshold level for 2003 ((AVERAGE of all spaces)

2003		Relative	Humidity Tl	hreshold		2003		Relative I	lumidity Tl	nreshold	-
lonth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
an						Jul					
Total Hours (%)	0%	0%	0%	0%	0%	Total Hours (%)	1%	0%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Denumid. (%)						Hours with Any Denumid. (%)					
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-)					
Hours with Fan-only (No cool of denumid) (%)						Hours with Fan-only (No cool of denumid) (%)					
Average Fan-Only Runtime Fraction (-)	71.1					Average Fan-Only Runtime Fraction (-)	74.2				
Average Temperature (F)	71.1				L	Average remperature (F)	74.3				
Total Hours (%)	7%	0%	0%	0%	0%	Total Hours (%)	0%	0%	0%	0%	0%
Hours With Any Cooling (%)	1 70	070	070	070	070	Hours With Any Cooling (%)	070	070	070	070	070
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid (%)						Hours with Any Dehumid (%)					
Average Dehumid Runtime Fraction (-)						Average Dehumid Runtime Fraction (-)	-				
Hours with Ean-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	-				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.8					Average Temperature (F)	74 1				
Aar	10.0				·	Sep					
Total Hours (%)	9%	0%	0%	0%	0%	Total Hours (%)	0%	0%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.1	73.4				Average Temperature (F)	74.0				
\pr						Oct					
Total Hours (%)	3%	0%	0%	0%	0%	Total Hours (%)	20%	2%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	74.2					Average Temperature (F)	73.0	73.2			
lay	40/	00/	00/	00/	00/	Nov	000/	0.00/	40/	00/	00/
I otal Hours (%)	4%	0%	0%	0%	0%	I otal Hours (%)	98%	36%	4%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Denumid. (%)						Hours with Any Dehumid. (%)					
Average Denumic. Runtime Fraction (-)						Average Denumid. Rumine Fraction (-)					
Average Eap Only (No cool of denumic) (%)						Average Eap Only (No cool of denumid) (%)					
Average Fail-Only Runnine Flaction (-)	73.5					Average Fait-Only Runtime Fraction (-)	73 /	73.4	73.8		
Average Temperature (T)	73.5				l		73.4	75.4	75.0		
Total Hours (%)	1%	0%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	170	070	070	070	070	Hours With Any Cooling (%)					
Ava Cooling Runtime Fraction (-)						Ava Cooling Runtime Fraction (-)					
Hours with Any Debumid (%)					1	Hours with Any Debumid (%)		-			
Average Dehumid Runtime Fraction (-)						Average Dehumid Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)		-			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.2	71.8	71.8			Average Temperature (F)					
					·			·			

2003		Relative	Humidity Th	reshold		2003	Relative Humidity Threshold			
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55% Above 60%	Above 65%	Above 70%
Jan						Jul				
Total Hours (%)						Total Hours (%)				
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)						Average Temperature (F)				
Feb						Aug				
Total Hours (%)	30%	5%	1%	0%	0%	Total Hours (%)				
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	66.9	69.2	72.5			Average Temperature (F)				
Mar			1			Sep				
Total Hours (%)	85%	64%	20%	1%	0%	Total Hours (%)				
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	70.2	70.1	69.8	69.6	69.0	Average Temperature (F)				
Apr						Oct		I	T	
Total Hours (%)	88%	37%	8%	0%	0%	Total Hours (%)				
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)	70.7	74.0	70.0	70 7		Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	70.7	71.3	72.3	70.7		Average Temperature (F)			L	
May	550/	4.00/	40/	00(00/				<u> </u>	
I otal Hours (%)	55%	12%	1%	0%	0%	I Otal Hours (%)				
Hours with Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Denumid. (%)						Hours with Any Denumid. (%)				
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool of denumid) (%)				
Average Fan-Only Runtime Flaction (-)	72.4	74.2	75.0			Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	72.4	74.2	75.0			Average remperature (F)			L	
Jun Total Hours (%)	400/	10/	0%	0%	0%	Total Hours (%)				
Hours With Any Cooling (%)	40 %	4 70	0%	0%	076	Hours With Any Cooling (%)				
Avg. Cooling Puptime Erection ()				Hours With Any Cooling (<u> </u>		
Avy. Cooling Runtime Flaction (-)					Avg. Cooling Runtime Fraction				<u> </u>	
nours with Any Denumid. (%)					<u> </u>	Hours with Any Dehumid. (%				
Average Denumu. Rumume Fraction (-)					<u> </u>	Average Dehumid. Runtime Fraction (-			<u> </u>	
nouis with Fan-only (No cool of denumid) (%)					<u> </u>	Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Kuntime Fraction (-)	70.7	74 4			<u> </u>	Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	/0./	71.1	1		l	Average Temperature (F)			<u> </u>	

Table 105. Site 27 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

2003		Relative	Humidity T	hreshold		2003	Relative Humidity Threshold		ity Threshold	-
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55% Above	60% Above 65%	Above 70%
Jan Total Hours (%)	, <u> </u>	1 1				Jui		T		
Hours With Apy Cooling (%)	()					Hours With Any Cooling (%)				
Avg. Cooling Runtime Eraction (-)	(<u> </u>					Ava Cooling Puntime Fraction (-)	-			-
Hours with Any Debumid (%)	<u></u>					Hours with Any Debumid (%)	-			-
Average Debumid, Puptime Fraction (-)	(<u> </u>					Average Debumid, Runtime Eraction (-)				-
Hours with Eap-only (No cool or debumid) (%)						Hours with Ean-only (No cool or dehumid) (%)				-
Average Fan-Only Runtime Fraction (-)	(<u> </u>					Average Ean-Only Runtime Fraction (-)				
Feb		11								
Total Hours (%)	9%	2%	0%	0%	0%	Total Hours (%)	-	T		T
Hours With Any Cooling (%)	070	270	070	0,0	0,0	Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	-			-
Hours with Any Dehumid (%)						Hours with Any Dehumid (%)				
Average Dehumid Runtime Fraction (-)						Average Dehumid Runtime Fraction (-)	-			-
Hours with Ean-only (No cool or debumid) (%)						Hours with Ean-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	-			-
Average Temperature (F)	66.7	68.9				Average Temperature (F)				-
Mar		00.0			1	Sep	1	<u> </u>		
Total Hours (%)	83%	48%	10%	0%	0%	Total Hours (%)				1
Hours With Any Cooling (%))					Hours With Any Cooling (%)				-
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)				-
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				-
Average Dehumid, Runtime Fraction (-))					Average Dehumid, Runtime Fraction (-)				-
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)				-
Average Temperature (F)	69.6	69.7	69.9)		Average Temperature (F)				
Apr						Oct				
Total Hours (%)	73%	25%	3%	0%	0%	Total Hours (%)				
Hours With Any Cooling (%)	j					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	70.2	71.3	72.7	•		Average Temperature (F)				
Мау						Nov				
Total Hours (%)	42%	6%	0%	0%	0%	Total Hours (%)				
Hours With Any Cooling (%)	1					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)	1					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)	1					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	72.3	74.5	75.9)		Average Temperature (F)				
Jun					1	Dec			1	-1
Total Hours (%)	20%	0%	0%	0%	0%	Total Hours (%)				
Hours With Any Cooling (%))					Hours With Any Cooling (%)				_
Avg. Cooling Runtime Fraction (-)	/					Avg. Cooling Runtime Fraction (-)		<u> </u>		-
Hours with Any Dehumid. (%)	/					Hours with Any Dehumid. (%)				-
Average Dehumid. Runtime Fraction (-)	/					Average Dehumid. Runtime Fraction (-)		<u> </u>		-
Hours with Fan-only (No cool or dehumid) (%)	/					Hours with Fan-only (No cool or dehumid) (%)				-
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)		<u> </u>		-
Average Temperature (F)	70.8					Average Temperature (F)	l			

Table 106. Site 27 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

2002		Relative	Humidity Th	ireshold		2002		Relative	Humidity Th	reshold	
lonth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
an			T			Jul	,			,	
I otal Hours (%)				<u>ا</u> ــــــا		I otal Hours (%)	l		ļ!	┥────┤	
Hours With Any Cooling (%)				⊢		Hours With Any Cooling (%)		ļ!	ļ!	├ ────┤	
Avg. Cooling Runtime Fraction (-)	ļ			لـــــا		Avg. Cooling Runtime Fraction (-)	l		ļ!	┟────┤	
Hours with Any Denumia. (%)				J]		Hours with Any Denumia. (%)		ļ		┝────┤	
Average Denumid. Runtime Fraction (-)	J			⊢		Average Denumid. Runtime Fraction (-)		ļ!	ļ!	┝────┤	
Hours with Fan-Only (No cool or denumid) (%)			I			Hours with Fan-only (No cool of denumid) (%)	l			├	
Average Fan-Only Runtime Flaction (-)				├──── ┤		Average Fan-Only Runtime Flaction (-)				<u>├</u> ────┤	
Average remperature (F)		<u> </u>	<u> </u>			Average Temperature (F)]		L		
Total Hours (%)			T			Aug	,ı			,	
Hours With Any Cooling (%)						Hours With Any Cooling (1/)	l		<u> </u>		
Ava Cooling Puntimo Fraction ()				l		Avg. Cooling Puptime Fraction ()				<u>├</u> ────┤	
Avg. Cooling Runnine Flaction (-)	J			l		Hours with Any Dobumid (%)				<u>├</u> ────┤	
Average Debumid Buntime Fraction ()	J			├ ────┤		Average Debumid Puptime Fraction ()	I		l	├	
Hours with Eap only (No cool or debumid) (%)	J			l		Hours with Eap only (No cool or dobumid) (%)				<u>├</u> ────┤	
Average Eap Only (No cool of denumid) (%)				l		Average Eap Only Puntime Fraction ()				<u>├</u> ────┤	
Average Fail-Only Runnine Flaction (-)				I		Average Fail-Only Runtime Flaction (-)	; 			ł – – ł	
Average Temperature (F)		<u> </u>	<u> </u>			Average Temperature (F)]		L		
Total Hours (%)	,,		1	,		Sep Total Hours (%)	i	1		ı – – – – – – – – – – – – – – – – – – –	
Hours With Any Cooling (%)				I		Hours With Any Cooling (%)	; 			ł – – ł	
Ava Cooling Puntime Fraction (-)				l		Avg. Cooling Puptime Eraction (-)	ł			<u>├</u> ────┤	
Hours with Any Debumid (%)				l		Hours with Any Debumid (%)	; 			ł – – ł	
Average Debumid Runtime Fraction (-)				l		Average Debumid Runtime Fraction (-)	ł				
Hours with Ean-only (No cool or debumid) (%)				l		Hours with Eap-oply (No cool or debumid) (%)	; 			ł – – ł	
Average Ean-Only Runtime Fraction (-)				l		Average Ean-Only Runtime Fraction (-)	ł				
Average Fail-Only Runnine Fraction (-)				l		Average Tan-Only Runtime Fraction (-)	ł				
Average Temperature (T)		L	<u> </u>			Oct		<u> </u>	·	I	
Total Hours (%)		1	1	[Total Hours (%)	100%	92%	51%	21%	16%
Hours With Any Cooling (%)				[ł		Hours With Any Cooling (%)		0270	0.70	2170	1070
Avg Cooling Runtime Fraction (-)			-	[ł		Avg. Cooling Runtime Fraction (-)		-			
Hours with Any Dehumid (%)	. – – – – – – – – – – – – – – – – – – –			[ł		Hours with Any Dehumid (%)	+				
Average Dehumid Runtime Fraction (-)			-	[ł		Average Dehumid Runtime Fraction (-)		-			
Hours with Ean-only (No cool or dehumid) (%)				[Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)			-	l I		Average Ean-Only Runtime Fraction (-)		-			
Average Temperature (F)				[Average Temperature (F)	71.9	72.0	72.4	73.5	73.6
lav		μ	11			Nov			. <u> </u>		
Total Hours (%)	1			i		Total Hours (%)	67%	38%	18%	0%	0%
Hours With Any Cooling (%)				lł		Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)				1		Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)				lł		Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)				1		Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)				1		Hours with Fan-only (No cool or dehumid) (%)	1		[]		
Average Fan-Only Runtime Fraction (-)				1		Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)				1		Average Temperature (F)	72.3	72.1	71.9	71.8	
un view view view view view view view view		1				Dec					
Total Hours (%)				l I		Total Hours (%)	39%	22%	9%	1%	0%
Hours With Any Cooling (%)			1			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	1				
Hours with Any Dehumid. (%)	,			1		Hours with Any Dehumid. (%)				[]	
Average Dehumid. Runtime Fraction (-)				1		Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	,					Hours with Fan-only (No cool or dehumid) (%)	1				
Average Fan-Only Runtime Fraction (-)				1		Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)				1		Average Temperature (F)	72.8	73.3	73.7	74.1	

Table 107. Site 28 - Indoor RH Data by month and threshold level for 2002 (HIGHEST humidity in any space)

2002		Relative	Humidity Th	reshold		2002	Relative Humidity Threshold		nreshold		
Month	Above 50% Above 55% Above 60% Above 65% A		Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
Jan		1				Jul	-				
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)	-					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-,					
Hours with Fan-only (No cool or dehumid) (%)	-					Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-,					
Average Temperature (F)	-					Average Temperature (F)					
Feb		1	T			Aug				1	
I otal Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours with Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	-					Avg. Cooling Runtime Fraction (-					
Hours with Any Denumia. (%)						Hours with Any Denumia. (%)					
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool of denumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Iviar Total Hours (9()		1	T			Sep					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Ava Cooling Puntime Fraction ()						Avg. Cooling Puntime Fraction (
Avg. Cooling Runtime Flaction (-)						Hours with Any Dobumid (%)					
Average Debumid, Buntime Fraction ()						Average Debumid, Buntime Fraction (
Average Denumica. Rumanie Fraction (-)						Hours with Ean only (No cool or dobumid) (%)					
Average Ean-Only Puntime Eraction (-)	-					Average Ean-Only Puntime Fraction (-)					
Average Temperature (E)											
Average reinperature (r)			I			Oct					
Total Hours (%)						Total Hours (%)	98%	83%	37%	17%	12%
Hours With Any Cooling (%)						Hours With Any Cooling (%)	0070	0070	0170	1170	1270
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Debumid (%)						Hours with Any Debumid (%)					
Average Dehumid Runtime Fraction (-)	-					Average Dehumid Runtime Fraction (-)					
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or debumid) (%)					
Average Fan-Only Runtime Fraction (-)	-					Average Ean-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)	71.4	71.4	72.2	73.1	73.7
Mav	1		II		<u> </u>	Nov					
Total Hours (%)						Total Hours (%)	55%	28%	8%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Ava, Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-					
Average Temperature (F)						Average Temperature (F	71.5	71.5	71.6		
Jun					· · · · · · · · · · · · · · · · · · ·	Dec					1
Total Hours (%)						Total Hours (%)	30%	18%	5%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)	72.6	73.1	73.5	74.2	

Table 108. Site 28 - Indoor RH Data by month and threshold level for 2002 (AVERAGE of all spaces)

Month Jan

Hours

Hours

Hours

Hours

Hours

Hours

May

Jun

Feb

Mar

Apr

	Delative Unweidity Threadedd										
2003		Relative	Humidity Th	hreshold		2003	Relative Humidity Threshold				
	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
T-4-111 (0()	00/	40/	00/	00/	00/	Jui	000/	4.40/	40/	00/	00/
I otal Hours (%)	8%	1%	0%	0%	0%	I otal Hours (%)	89%	14%	1%	0%	0%
Hours with Any Cooling (%)						Hours with Any Cooling (%)	-				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.9	72.9				Average Temperature (F)	74.8	74.9	74.3		
x , , , ,						Aug					
Total Hours (%)	29%	13%	1%	0%	0%	Total Hours (%)	79%	4%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Ava Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Debumid (%)						Hours with Any Debumid (%)					
Average Debumid Buntime Fraction ()						Average Debumid Puntime Fraction ()					
Average Denumia. Rumanie Fraction (-)						Average Denumic. Rumine Fraction (-)					
with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool or denumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.0	72.9	74.3			Average Temperature (F)	74.7	74.1	73.8		
						Sep			ñ		
Total Hours (%)	53%	26%	3%	0%	0%	Total Hours (%)	67%	7%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.0	73.3	74.6	73.8		Average Temperature (F)	74 1	73.7	73.8		
Average Temperature (T)	10.0	75.5	74.0	75.0		Oct	74.1	10.1	10.0		
Total Hours (%)	76%	44%	14%	1%	0%	Total Hours (%)	42%	12%	1%	0%	0%
Hours With Any Cooling (%)	1070	70	1470	170	070	Hours With Apy Cooling (%)	42.70	1270	170	070	070
Ava Cooling Puntime Frontian ()						Ava Cooling Puntime Freetien ()					
Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runnie Flaction (-)					
Hours with Any Denumia. (%)						Hours with Any Denumia. (%)					
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-)	-				
with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.4	73.5	73.9	73.5		Average Temperature (F)	73.7	73.5	5 74.4		
						Nov					
Total Hours (%)	84%	35%	5%	0%	0%	Total Hours (%)	41%	33%	16%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-)	-				
with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Ean-Only Runtime Eraction (-)						Average Ean-Only Runtime Fraction (-)					
Average Temperature (F)	74 3	74.5	74.4			Average Temperature (F)	70.2	70.2	70.9		
Average Temperature (T)	74.0	74.5	74.4			Dec	10.2	10.2	10.5		
Total Hours (9/)	070/	110/	10/	00/	00/	Total Hours (0/)			1		
Hours With Arm Oralis (%)	01%	11%	1%	0%	0%						
Hours with Any Cooling (%)						Hours with Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	L				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	74.8	75.0	74.1			Average Temperature (F)					
A CONTRACT OF A	· · · · · · · · · · · · · · · · · · ·										

Table 110. Sile 20 - Indoor Kit Dala by month and uneshold lever for 2005 (AVENAGE of all spaces)	Fable 110. Site 28 - Indoor RH Data b	y month and threshold level for 2003	(AVERAGE of all spaces)
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Inom Abore 50% Abo	2003		Relativ	e Humidity T	hreshold		2003		Relative Humidity Threshold		reshold	
Jam Unit	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jain Total Hours (%) 4% 0%<												
Hours With Any Cooling (%) Um Um <th< td=""><td>Jan</td><td>/0/</td><td>0%</td><td>09/</td><td>0%</td><td>0%</td><td>Jul Total Hou</td><td>(0/) 660</td><td>/ 00/</td><td>0%</td><td>09/</td><td>09/</td></th<>	Jan	/0/	0%	09/	0%	0%	Jul Total Hou	(0/) 660	/ 00/	0%	09/	09/
Arg. Cooling Nutrine Francison (> Image Francison (>	Hours With Any Cooling (%)	4 70	07	070	0%	0%	Hours With Any Coolir	s (%) 007	0 070	076	076	070
Brons with Any Dehumid, (%) Image: Deliver Any Dehumid, (%) Image: Deliver Any Dehumid, (%) Hours with Fan-osty (Ne cool or dehumid) (%) Image: Deliver Any Dehumid, (%) Image: Deliver Any Dehumid, (%) Feb Total Hours (%) Total Hours (%) Image: Deliver Any Dehumid, (%) Average Temperature (F) 72.4 72.5 Image: Deliver Any Dehumid, (%) Feb Total Hours (%) Image: Deliver Any Dehumid, (%) Image: Deliver Any Dehumid, (%) Average Temperature (F) 72.4 72.4 72.4 Hours with Any Dehumid, (%) Image: Deliver Any Dehumid, (%) Image: Deliver Any Dehumid, (%) Average Temperature (F) 72.6 Image: Deliver Any Dehumid, (%) Average Temperature (F) 72.7 72.8 Image: Deliver Any Dehumid, (%) Average Temperature (F) 72.7 72.8 Image: Deliver Any Dehumid, (%) Average Temperature (F) 72.7 72.7 Image: Deliver Any Dehumid, (%) Average Temperature (F) 72.7 72.8 Image: Deliver Any Dehumid, (%) Average Temperature (F) 72.7 72.8 Image: Deliver Any Dehumid, (%) Average Temperature	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fract	on (-)				
Average Detuniel, Number Detuning V(noc) Image of the section (no. 1000) Image of the section (no. 1000) Average Tam-Orig Natititie Franctics (no. 1000) 2.23 776 0.66 0.	Hours with Any Dehumid (%)						Hours with Any Dehumi	(%)				
Hous with Par-only No. cod or dehundly (%) Image: Control (%)<	Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fract	on (-)				
Average Fam-Only Runtime Fraction () Image fam-Only Runtime Fraction () Feb	Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumi) (%)				
Average Temperature (F) 72.4 72.5 Average Temperature (F) 72.6 72.4 72.5 Fib Totel Hours (%) 22% 7% 0% 0% 0% Average Temperature (F) 72.6 7% 0% 0% 0% Average Temperature (F) 72.6 7% 0% 0% 0% Average Temperature (F) 72.6 73.2 0% 0% 0% Average Temperature (F) 72.8 0% 0% 0% Average Temperature (F) 72.8 73.8 0% 0% Average Temperature (F) 72.7 72.8 74.8 73.8 0% 0% Average Temperature (F) 73.2 72.8 0%	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fract	on (-)				
Feb Total Hours (%) 2% 7% 0% 0% 0% Mare Total Hours (%) 2% 7% 0%	Average Temperature (F)	72.4	72.5	5			Average Temperatu	e (F) 74.	6 74.4	74.2		
Total Hours %0 23% 7% 0% 0% 0% Avg Cooling Runtime Fraction (-) <td>Feb</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>Aug</td> <td>- (.)</td> <td>•</td> <td></td> <td></td> <td></td>	Feb					-	Aug	- (.)	•			
Hours With Any Cooling (%) Image: Control Rutine Francisci () Ima	Total Hours (%)	23%	7%	0%	0%	0%	Total Hou	s (%) 48%	6 2%	0%	0%	0%
Avg. Cooling Runtime Fraction () Avg. Cooling Runtime Fr	Hours With Any Cooling (%)						Hours With Any Coolir	a (%)				
Hours with Any Debundi, (%) Image: Control of Co	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fract	on (-)				
Average Dehunik Runime Fraction (-) Average Tan-Only Routing Fraction (-) Average Tan-Only Runime F	Hours with Any Dehumid. (%)						Hours with Any Dehumi	. (%)				
Hours with Fan-orly (No cool or defumid) (%) Image: Second S	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fract	on (-)				
Average Fan-Only Rumine Fraction (-)	Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumi) (%)				
Average Temperature (f) 72.5 73.2 Average Temperature (f) 74.8 73.8 Image: Control of Control O	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fract	on (-)				
Mar Sep Total Hours (%) 44% 15% 1% 0% 0% Augr 2 Coling Runtine Fraction (5) 1	Average Temperature (F)	72.5	5 73.2	2			Average Temperatu	e (F) 74.	8 73.6	i		
Total Hours (%) 44% 15% 1% 0% 0% Aburs With Any Cooling (%) - <	Mar					·	Sep					
Hours With Any Cooling (%) Hours With Any Cooling (%) Hours With Any Dehumid, (%) Average Dehumid, Rumine Fraction () Hours With Any Dehumid, (%) Hours With Any Dehumid, (%) Hours With Any Dehumid, (%) Average Temperature (F) 72.7 72.9 74.0 Hours With Fraction () Average Temperature (F) 72.7 72.9 74.0 Hours With Any Cooling (%) Hours With Any Cooling (%)<	Total Hours (%)	44%	15%	1%	0%	0%	Total Hou	s (%) 43%	6 2%	0%	0%	0%
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-)<	Hours With Any Cooling (%)						Hours With Any Coolir	g (%)				
Hous with Any Dehumid. (%) Image: Control of Control Control Of Control Of Control Of Control Of Control Of Control Control Of Control Control Of Control Contenumal (Store Control Control Control Contenumal (Stor	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fract	on (-)				
Average Detunid. Runtime Fraction (-) Average Ten-only (No cool or dehunid) (%) Average Ten-only Runtime Fraction (-) Average Ten-only Runtime Fraction (-) </td <td>Hours with Any Dehumid. (%)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Hours with Any Dehumi</td> <td>. (%)</td> <td></td> <td></td> <td></td> <td></td>	Hours with Any Dehumid. (%)						Hours with Any Dehumi	. (%)				
Hours with Fan-only (No cool or dehumid) (%) Image: Cool or dehumid) (%	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fract	on (-)				
Average Fan-Only Runtime Fraction (·)	Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumi) (%)				
Average Temperature (F) 72.7 72.9 74.0 Average Temperature (F) 73.7 72.9 Image: Control of Control o	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fract	on (-)				
Apr	Average Temperature (F)	72.7	72.9	74.0)		Average Temperatu	e (F) 73.	7 72.9)		
Total Hours (%) 70% 34% 8% 0% 0% Hours With Any Cooling (%)	Apr						Oct					
Hours With Any Cooling (%) Hours With Any Cooling (%) <th< td=""><td>Total Hours (%)</td><td>70%</td><td>34%</td><td>8%</td><td>0%</td><td>0%</td><td>Total Hou</td><td>s (%) 29%</td><td>6 7%</td><td>0%</td><td>0%</td><td>0%</td></th<>	Total Hours (%)	70%	34%	8%	0%	0%	Total Hou	s (%) 29%	6 7%	0%	0%	0%
Avg. Cooling Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Tam-Only Runtime Fraction (-)	Hours With Any Cooling (%)						Hours With Any Coolir	g (%)				
Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Average Temperature (F) 73.0 73.2 73.7 May Total Hours (%) 74% 25% 2% 0% 0% Average Dehumid. Runtime Fraction (-) Average Temperature (F) 73.0 73.2 73.0 May Total Hours (%) 74% 25% 2% 0% 0% Average Dehumid. Runtime Fraction (-) Average Temperature (F) 72.0 73.2 Total Hours (%) 14% 0% Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) 10	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fract	on (-)				
Average Dehumid. Runtime Fraction (-) Average Teny Practice Average Teny Praci	Hours with Any Dehumid. (%)						Hours with Any Dehumi	. (%)				
Hours with Far-only (No cool or dehumid) (%) Image Image<	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fract	on (-)				
Average Fan-Only Runtime Fraction (-) Average Temperature (F) 73.0 73.2 73.7 May	Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumi) (%)				
Average Temperature (F) 73.0 73.2 73.7 Average Temperature (F) 72.9 72.0 73.2 Image: Constraint of the consthe constraint of the constraint of the constraint o	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fract	on (-)				
May Image: Now Now Image: Now	Average Temperature (F)	73.0	73.2	2 73.7	r		Average Temperatu	e (F) 72.	9 72.0	73.2		
Total Hours (%) 74% 25% 2% 0% 0% Hours With Any Cooling (%) 0% Average Dehumid. Runtime Fraction (·) 0% 0% 0% Average Temperature (F) 70.0 69.9 70.5 0% 0% Average Temperature (F) 70.0 69.9 70.5	Мау			-			Nov					
Hours With Any Cooling (%) Hours With Any Cooling (%) <th< td=""><td>Total Hours (%)</td><td>74%</td><td>25%</td><td>2%</td><td>0%</td><td>0%</td><td>Total Hou</td><td>s (%) 40%</td><td>6 31%</td><td>14%</td><td>0%</td><td>0%</td></th<>	Total Hours (%)	74%	25%	2%	0%	0%	Total Hou	s (%) 40%	6 31%	14%	0%	0%
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. Runtime Fraction (-) Average Fan-Only Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. Runtime Fraction (-) Jun Total Hours (%) 68% 6% 0% 0% 0% Avg. Cooling Runtime Fraction (-) Implement of the sector (-) Jun Total Hours (%) 68% 6% 0% 0% 0% Avg. Cooling Runtime Fraction (-) Implement of the sector (-) Avg. Cooling Runtime Fraction (-) Implement of the sector (-) Hours with Any Dehumid. (%) Implement of the sector (-)	Hours With Any Cooling (%)						Hours With Any Coolir	g (%)				
Hours with Any Dehumid. (%) Hours With Any Cooling (%) Hours With Any Dehumid. (%) Hours With Fan-only (No cool or dehumid) (%) <td>Avg. Cooling Runtime Fraction (-)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Avg. Cooling Runtime Fract</td> <td>on (-)</td> <td></td> <td></td> <td></td> <td></td>	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fract	on (-)				
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Temperature (F) 74.0 Jun Total Hours (%) 68% 6% 0% 0% Hours with Any Cooling (%) 68% 6% 0% 0% 0% Average Dehumid. Runtime Fraction (-) Total Hours (%) Average Temperature (F) 70.0 69.9 70.5 Jun Total Hours (%) 68% 6% 0%	Hours with Any Dehumid. (%)						Hours with Any Dehumi	. (%)				
Hours with Fan-only (No cool or dehumid) (%) <td>Average Dehumid. Runtime Fraction (-)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Average Dehumid. Runtime Fract</td> <td>on (-)</td> <td></td> <td></td> <td></td> <td></td>	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fract	on (-)				
Average Fan-Only Runtime Fraction (-) Average Temperature (F) 74.0 Average Temperature (F) 70.0 69.9 70.5 Jun	Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumi) (%)				
Average Temperature (F) 74.0 74.1 74.0 Average Temperature (F) 70.0 69.9 70.5 Jun Contract Hours (%) 68% 6% 0% 0% 0% Hours With Any Cooling (%) Mours With Any Cooling (%) <td>Average Fan-Only Runtime Fraction (-)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Average Fan-Only Runtime Fract</td> <td>on (-)</td> <td></td> <td></td> <td></td> <td></td>	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fract	on (-)				
Jun Dec Un Dec Un Total Hours (%) 68% 0%	Average Temperature (F)	74.0	74.1	74.0)		Average Temperatu	e (F) 70.	0 69.9	70.5		
Total Hours (%) 68% 6% 0% 0% 0% Hours With Any Cooling (%)	Jun			T	1		Dec			1		r
Hours With Any Cooling (%) Hours With Any Cooling (%) <td< td=""><td>Total Hours (%)</td><td>68%</td><td>6%</td><td>0%</td><td>0%</td><td>0%</td><td>Total Hou</td><td>s (%)</td><td></td><td></td><td></td><td></td></td<>	Total Hours (%)	68%	6%	0%	0%	0%	Total Hou	s (%)				
Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours With Fan-only (No cool or dehumid) (%)<	Hours With Any Cooling (%)			1			Hours With Any Coolir	g (%)				
Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan	Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fract	on (-)				
Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F) 74.6 74.3	Hours with Any Dehumid. (%)			1	1		Hours with Any Dehumi	. (%)				
Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F) 74.6 74.3	Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fract	on (-)				
Average Fan-Only Runtime Fraction (-) Average Temperature (F) 74.6 74.3	Hours with Fan-only (No cool or dehumid) (%)			1			Hours with Fan-only (No cool or dehumi) (%)				
Average Temperature (F) 74.6 74.3 Average Temperature (F)	Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fract	on (-)				
	Average Temperature (F)	74.6	5 74.3	3			Average Temperatu	e (F)				

Table 111. Site 29 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

	Relative Humidity Threshold				2002, 2003	Relative Humidity Threshold					
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
00/	00/	00/	00/	00/	Jul						
0%	0%	0%	0%	0%	Hours With Any Cooling (%)						
					Avg. Cooling Puntime Eraction (-)						
					Hours with Any Dobumid (%)						
					Average Debumid Puntime Fraction (-)						
					Average Dehumid. Rumine Fraction (-)						
					Average Ean Only Puntime Fraction ()						
					Average Fail-Only Runnie Flaction (-)						
					Average Temperature (F)						
					Total Hours (%)						
					Hours With Any Cooling (%)						
					Avg. Cooling Runtime Fraction (-)						
					Hours with Any Debumid (%)						
					Average Debumid, Buntime Fraction (-)						
					Hours with Eap-only (No cool or debumid) (%)						
					Average Ean-Only Puntime Fraction (-)						
					Average Fail-Only Runnie Flaction (-)						
					Average Temperature (F)						
					Joep						
					Hours With Any Cooling (%)						
					Ava Cooling Puntime Fraction ()						
					Avg. Cooling Runtime Flaction (-)						
					Average Debumid, Buntime Fraction ()						
					Average Denumic. Rumine Fraction (-)						
					Average For Only (No cool of defluting) (%)						
					Average Fail-Only Runnie Flaction (-)						
					Average Temperature (F)						
					Total Hours (%)	100%	100%	98%	21%	0%	
					Hours With Any Cooling (%)	10070	10070	5070	2170	070	
					Ava Cooling Puntime Fraction (-)						
					Hours with Any Debumid (%)						
					Average Debumid, Buntime Fraction (-)						
					Hours with Eap only (No cool or dobumid) (%)						
					Average Ean-Only Runtime Fraction (-)						
					Average Fail-Only Runtime Flaction (-)	74.2	74.2	74.2	74.8		
					Nov	7-1.2	74.2	74.2	14.0		
					Total Hours (%)	64%	36%	14%	0%	0%	
					Hours With Any Cooling (%)	0-170	0070	1-170	070	0,0	
					Avg. Cooling Runtime Fraction (-)						
		1	1		Hours with Any Debumid (%)						
		1	1		Average Debumid Runtime Fraction (-)						
					Hours with Ean-only (No cool or dehumid) (%)						
					Average Fan-Only Runtime Fraction (-)						
					Average Fail-Only Runtime Flaction (-)	72.6	73.0	72.8	74.9		
					Dec	72.0	73.0	72.0	74.3	<u> </u>	
					Total Hours (%)	25%	6%	0%	0%	0%	
					Hours With Any Cooling (%)	2070	570	370	070	270	
					Avg. Cooling Runtime Fraction (-)						
					Hours with Any Dehumid (%)					1	
					Average Debumid Runtime Fraction (-)						
					Hours with Fan-only (No cool or debumid) (%)						
					Average Fap-Only Runtime Fraction (-)						
					Average Temperature (F)	73.0	74 7				
						75.5	1.7.1				

Note: Average Runtime Fractions only include periods where the runtime is greater than zero.

2002, 2003

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Average Temperature (F)

Month

Jan

Feb

Mar

Apr

May

Jun

Table 112.	Site 29 ·	- Indoor F	RH Data I	bv month	and thr	eshold	level for	r 2002.	2003	AVERAGE	of all s	paces)
				· · · · · · · · · · · · · · · · · · ·				,				/

2002, 2003

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Average Temperature (F)

Average Temperature (F)

Month

Jan

Feb

Mar

Apr

May

Jun

	Relative Humidity Threshold				2002, 2003	Relative Humidity Threshold					
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
00/	00/	00/	00/	00/	Jul						
0%	0%	0%	0%	0%	Hours With Any Cooling (%)						
					Avg. Cooling Puntime Eraction (-)						
					Hours with Any Dobumid (%)						
					Average Debumid Puntime Fraction (-)						
					Average Dehumid. Rumine Fraction (-)						
					Average Ean Only Puntime Fraction ()						
					Average Fail-Only Runnie Flaction (-)						
					Average Temperature (F)						
					Total Hours (%)						
					Hours With Any Cooling (%)						
					Avg. Cooling Runtime Fraction (-)						
					Hours with Any Debumid (%)						
					Average Debumid, Buntime Fraction (-)						
					Hours with Eap-only (No cool or debumid) (%)						
					Average Ean-Only Puntime Fraction (-)						
					Average Fail-Only Runnie Flaction (-)						
					Average Temperature (F)						
					Joep						
					Hours With Any Cooling (%)						
					Avg. Cooling Puntime Eraction (-)						
					Avg. Cooling Runtime Flaction (-)						
					Average Debumid, Buntime Fraction ()						
					Average Denumic. Rumine Fraction (-)						
					Average For Only (No cool of defluting) (%)						
					Average Fail-Only Runnie Flaction (-)						
					Average Temperature (F)						
					Total Hours (%)	100%	100%	95%	1.4%	0%	
					Hours With Any Cooling (%)	10070	10070	5570	1470	070	
					Ava Cooling Puntime Fraction (-)						
					Hours with Any Debumid (%)						
					Average Debumid, Buntime Fraction (-)						
					Hours with Eap only (No cool or dobumid) (%)						
					Average Ean-Only Runtime Fraction (-)						
					Average Fail-Only Runtime Flaction (-)	73.6	73.6	73.7	74.5		
					Nov	70.0	70.0	70.7	14.0		
					Total Hours (%)	57%	27%	5%	0%	0%	
					Hours With Any Cooling (%)	0,70	21/0	0.70	070	0,0	
					Avg. Cooling Runtime Fraction (-)						
		1	1		Hours with Any Debumid (%)						
		1	1		Average Debumid Runtime Fraction (-)						
					Hours with Ean-only (No cool or dehumid) (%)						
					Average Fan-Only Runtime Fraction (-)						
					Average Fail-Only Runtime Flaction (-)	71.8	72.2	71.6			
					Dec	71.0	12.2	71.0		<u> </u>	
					Total Hours (%)	17%	2%	0%	0%	0%	
					Hours With Any Cooling (%)	.170	270	370	070	570	
					Avg. Cooling Runtime Fraction (-)						
					Hours with Any Dehumid (%)						
					Average Debumid Runtime Fraction (-)						
					Hours with Ean-only (No cool or dehumid) (%)						
					Average Fan-Only Runtime Fraction (-)					<u> </u>	
					Average Temperature (F)	73.2	74 R			<u> </u>	
						70.2	14.0	1		1	

Table 113. Site 30 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

2002, 2003	3 Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
hul								
Total Hours (%)								
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)								
Aug				•				
Total Hours (%)								
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)								
Sep								
Total Hours (%)								
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)	-							
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)								
Uct	100%	1000/	400/	20/	09/			
Hours With Any Cooling (%)	100%	100%	43%	270	0%			
Avg. Cooling Runtime Eraction (-)	-							
Hours with Any Deburgid (%)	-							
Average Debumid Puptime Fraction (-)								
Hours with Fan-only (No cool or deburgid) (%)								
Average Ean-Only Runtime Fraction (-)								
Average Temperature (F)	73.4	73.4	74 4	74 8				
Nov	, 0.4	, 0.4	, 4, 4	, 4.0				
Total Hours (%)	81%	51%	13%	2%	0%			
Hours With Any Cooling (%)	2170	2170		270	570			
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)	69.8	70.8	72.4	77.3				
Dec								
Total Hours (%)	39%	22%	4%	0%	0%			
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)		-	-					
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)		-	-					
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)	71.9	73.4	75.8					

2002, 2003	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
lan								
Jan Total Hours (%)	8%	0%	0%	0%	0%			
Hours With Any Cooling (%)	0,0	0,0	0,0	0,0	0,0			
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)	,		1	1				
Average Fan-Only Runtime Fraction (-)	1							
Average Temperature (F)	69.3	69.5						
Feb								
Total Hours (%)	38%	19%	1%	0%	0%			
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or denumid) (%)								
Average Fan-Only Runtime Fraction (-)	71.4	71.5	70.6	71.0				
Average Temperature (F)	/1.4	71.5	70.6	/1.0				
Total Hours (%)	84%	32%	2%	0%	0%			
Hours With Any Cooling (%)	0170	0270	270	070	070			
Avg. Cooling Runtime Fraction (-)			1	1				
Hours with Any Dehumid. (%)								
Average Dehumid, Runtime Fraction (-)			1	1				
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)			1	1				
Average Temperature (F)	68.8	70.3	69.9					
Apr			· · · · · · · · · · · · · · · · · · ·					
Total Hours (%)	70%	16%	1%	0%	0%			
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)	·							
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)	70.0	70.0	75.0					
Average Temperature (F)	/2.9	/3.9	/5.0					
May	E 20/	20/	00/	00/	00/			
Hours With Any Cooling (%)	53%	3%	0%	0%	0%			
Ava Cooling Puntime Fraction (-)								
Hours with Any Debumid (%)								
Average Debumid Runtime Fraction (-)								
Hours with Ean-only (No cool or debumid) (%)								
Average Ean-Only Runtime Fraction (-)								
Average Temperature (F)	74.3	74.6	74.2					
Jun	1 110			1				
Total Hours (%)	7%	0%	0%	0%	0%			
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)			1	1				
Hours with Any Dehumid. (%)	1		1	1				
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%))							
Average Fan-Only Runtime Fraction (-)								
Average Temperature (E)	75.0							

 Average Temperature (F)
 75.9
 Image: Temperature (F)
 75.9
 75.9
 75.9
 <th75.9</th>
 75.9
 <th75.9</th>

Table 114.	Site 30	- Indoor	RH Data	bv month	and three	eshold	level for	2002.	2003	(AVERAGE	of all s	paces)
				·· , ··· · · · · · ·				,				/

2002, 2003

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%)

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-

Average Temperature (F)

Average Temperature (F)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-Average Temperature (F)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Month

Jan

Feb

Mar

Apr

May

Jun

	Relative Humidity Threshold				2002, 2003	Relative Humidity Threshold						
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
					Jul		1					
1%	0%	0%	0%	0%	I otal Hours (%)							
					Hours With Any Cooling (%)							
					Avg. Cooling Runtime Fraction (-)							
					Hours with Any Denumid. (%)							
					Average Denumid. Rumine Fraction (-)	-						
					Average Fan Only (No cool of denumid) (%)							
60.0					Average Fan-Only Runtime Fraction (-)							
09.9				L	Average Temperature (F)							
20%	6%	0%	0%	0%	Total Hours (%)							
2370	070	070	070	070	Hours With Any Cooling (%)							
					Avg. Cooling Runtime Fraction (-)							
					Hours with Any Debumid (%)							
					Average Debumid, Puntime Fraction (-)							
					Hours with Ean-only (No cool or debumid) (%)							
					Average Fan Only Puntime Fraction ()							
70.0	70.1				Average Fan-Only Runtime Flaction (-)							
70.0	70.1				Average Temperature (F)							
62%	6%	0%	0%	0%	Sep Total Hours (%)	-	1					
0276	076	0%	0%	076	Hours With Any Cooling (%)							
					Aug. Cooling Puntime Frontian ()							
					Avg. Cooling Runtime Flaction (-)							
					Hours with Any Denumid. (%)							
					Average Denumid. Rumine Fraction (-)	-						
					Hours with Fan-only (No cool of denumid) (%)							
CO 4	<u> </u>				Average Fan-Only Runtime Fraction (-)							
68.1	68.2				Average Temperature (F)							
270/	20/	00/	00/	09/	Uct	100%	0.00/	170/	00/	09/		
31 %	2 70	0%	0%	076	Hours With Any Cooling (%)	100%	92.70	17.70	0%	076		
					Avg. Cooling Puptime Fraction ()							
					Avg. Cooling Runtime Flaction (-)							
					Hours with Any Denumid. (%)							
					Average Denumid. Rumine Fraction (-)							
					Average For Only (No cool of denumid) (%)							
70.0	70 F				Average Fan-Only Runtime Flaction (-)	70.5	70.6	74.0				
12.3	73.5				Average remperature (F)	12.5	72.0	14.2				
200/	00/	∩₀∕	00/	00/	Total Hours (0/)	660/	200/	20/	00/	0%		
32%	0%	0%	0%	0%	Hours With Any Cooling (%)	00%	30%	3%	0%	0%		
				<u> </u>	Avg. Cooling Puptime Fraction ()							
					Hours with Apy Dobumid (9)							
				<u> </u>	Average Debumid, Runtimo Fraction ()							
					Hours with Ean aphy (No applier debumid) (%)							
					Average Fan Only (No cool of denumid) (%)							
70.0					Average Fall-Only Runnie Fraction (-)	60.2	70.4	74 7				
12.3					Average Temperature (F)	09.2	70.4	74.7				
0%	0%	0%	0%	0%	Total Hours (%)	20%	۵٥/	0%	0%	0%		
0%	0%	078	0%	0 %	Hours With Any Cooling (%)	2970	976	078	0%	0 %		
					Avg. Cooling Puptime Fraction ()							
					Hours with Apy Dobumid (9)					<u> </u>		
					Average Debumid Puptime Fraction ()							
					Hours with Ean-only (No cool or dobumid) (0)					<u> </u>		
					Average Eap-Only Runtime Fraction (1)							
						71.0	70 7			<u> </u>		
				1	Average remperature (F)	11.3	13.1					

Table 115. Site 31 - Indoor RH Data by month and threshold level for 2003, 2004 (HIGHEST humidity in any space)

2003, 2004	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above	70%		
Jul						ļ		
Total Hours (%)								
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)								
Aug		1	1					
I otal Hours (%)								
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)								
Sep Total Hours (%)	0%	0%	0%	0%	1	0%		
Hours With Any Cooling (%)	078	078	078	078		0 /0		
Ava Cooling Puptime Fraction (-)								
Hours with Any Debumid (%)								
Average Debumid, Ruptime Fraction (-)								
Hours with Ean-only (No cool or debumid) (%)								
Average Ean-Only Runtime Fraction (-)								
Average Fair-Only Runtime Fraction (-)								
Oct				1				
Total Hours (%)	80%	52%	26%	8%		0%		
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)	72.9	72.6	72.7	72.7				
Nov	700/	0.10(400/	0.494	1	50/		
I otal Hours (%)	73%	61%	40%	24%		5%		
Hours With Any Cooling (%)	33%	35%	38%	21%		35%		
Avg. Cooling Runtime Fraction (-)	0.12	0.11	0.08	0.06		0.07		
Hours with Any Denumid. (%)	29%	21%	3%	2%		3%		
Average Denumid. Runtime Fraction (-)	0.94	0.96	0.77	0.07		100/		
Average Eap Only Ruptime Fraction ()	19%	20%	23%	22%		0.20		
Average Fan-Only Runume Flaction (-)	74.0	74.0	74.0	0.30		73.6		
Dec	74.0	74.0	74.0	73.0		75.0		
Total Hours (%)	10%	5%	0%	0%		0%		
Hours With Any Cooling (%)	9%	21%	0%	270				
Avg. Cooling Runtime Fraction (-)	0.06	0.06	270	t				
Hours with Any Dehumid (%)	14%	0%	0%	1				
Average Dehumid. Runtime Fraction (-)	0.96	0,0	070	1				
Hours with Fan-only (No cool or dehumid) (%)	77%	79%	100%	1				
Average Fan-Only Runtime Fraction (-)	0.37	0.37	0.37					
Average Temperature (F)	71.5	73.5	71.8					

2003, 2004		Relative	Humidity Th	reshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan Totol Hours (%)	200/	210/	120/	E0/	0%
Hours With Any Cooling (%)	29% 61%	68%	72%		100%
Avg. Cooling Runtime Fraction (-)	0.12	0.10	0.10	0.10	0.16
Hours with Any Dehumid (%)	50%	32%	14%	6%	0%
Average Dehumid. Runtime Fraction (-)	0.69	0.56	0.40	0.50	0,0
Hours with Fan-only (No cool or dehumid) (%)	15%	20%	23%	17%	0%
Average Fan-Only Runtime Fraction (-)	0.37	0.37	0.37	0.37	
Average Temperature (F)	72.3	72.2	71.7	71.9	71.8
Feb		•			•
Total Hours (%)	15%	7%	1%	0%	0%
Hours With Any Cooling (%)	47%	41%	20%		
Avg. Cooling Runtime Fraction (-)	0.26	0.31	0.33		
Hours with Any Dehumid. (%)	100%	100%	100%		
Average Dehumid. Runtime Fraction (-)	0.96	0.93	0.86		
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.2	71.7	71.2		
Mar Total Hours (%)	020/	760/	649/	110/	249/
Hours With Any Cooling (%)	25%	24%	10%	44 %	2470
Ava Cooling Runtime Fraction (-)	0.28	0.2470	0.26	0.24	0.26
Hours with Any Debumid (%)	100%	100%	100%	100%	100%
Average Dehumid Runtime Fraction (-)	0.89	0.89	0.88	0.90	0.93
Hours with Ean-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)	070	0,0	0,0	0,0	070
Average Temperature (F)	72.4	72.3	72.3	72.5	72.8
Apr		•			
Total Hours (%)	95%	90%	81%	55%	24%
Hours With Any Cooling (%)	31%	29%	28%	30%	36%
Avg. Cooling Runtime Fraction (-)	0.22	0.22	0.21	0.19	0.17
Hours with Any Dehumid. (%)	100%	100%	100%	100%	100%
Average Dehumid. Runtime Fraction (-)	0.85	0.85	0.84	0.83	0.82
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)	74.7	74 7		74.0	74.4
Average Temperature (F)	/1./	/1./	/1./	/1.6	/1.4
Total Hours (%)	100%	100%	97%	78%	53%
Hours With Any Cooling (%)	19%	19%	18%	18%	21%
Avg. Cooling Runtime Fraction (-)	0.22	0.22	0.21	0.19	0.18
Hours with Any Dehumid. (%)	100%	100%	100%	100%	100%
Average Dehumid, Runtime Fraction (-)	0.81	0.81	0.81	0.81	0.82
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.0	72.0	72.0	72.0	72.1
Jun					
Total Hours (%)	100%	100%	100%	91%	61%
Hours With Any Cooling (%)	4%	4%	4%	4%	6%
Avg. Cooling Runtime Fraction (-)	0.17	0.17	0.17	0.17	0.18
Hours with Any Dehumid. (%)	100%	100%	100%	100%	100%
Average Dehumid. Runtime Fraction (-)	0.80	0.80	0.80	0.80	0.81
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	0%
Average Fan-Only Runtime Fraction (-)					

 Average Temperature (F)
 72.6
 72.6
 72.5
 72.4

 Note: Average Runtime Fractions only include periods where the runtime is greater than zero.
 72.4
 72.6
 72.5
 72.4

Table 116. Site 31 - Indoor RH Data by month and threshold level for 2003, 2004 (AVERAGE of all spaces)

20%

71%

0.10

27%

0.48

22%

0.37

71.6

6%

38%

0.29

100%

0.91

0%

70.8

75%

23%

0.28

100%

0.89

0%

71.6

89%

29%

0.22

100%

0.85

0%

71.3

99%

19%

0.22

100%

0.81

0%

71.5

100%

4%

0.17

100%

0.80

0%

72.2

28%

61%

0.12

48%

0.68

15%

0.37

71.7

14%

44%

0.27

100%

0.96

0%

71.5

82%

24%

0.29

100%

0.89

0%

71.7

95%

31%

0.22

100%

0.85

0%

71.3

100%

19%

0.22

100%

0.81

0%

71.5

100%

4%

0.17

100%

0.80

0%

72.2

Relative Humidity Threshold

Above 50% Above 55% Above 60% Above 65% Above 70%

12%

71%

0.10

10%

0.30

25%

0.37

71.3

0%

0%

100%

0.87

0%

69.9

60%

18%

0.25

100%

0.88

0%

71.6

77%

28%

0.20

0.84

0%

71.3

93%

18%

0.20

100%

0.81

0%

71.5

97%

4%

0.17

100%

0.80

0%

72.2

100%

3%

95%

0.11

5%

0.00

0.37

71.4

0%

40%

16%

0.22

100%

0.90

0%

71.8

44%

32%

0.18

100%

0.83

0%

71.1

70%

19%

0.19

100%

0.81

0%

71.6

81%

4%

0.17

100%

0.81

0%

72.1

5%

0%

0%

19%

14%

0.25

100%

0.92

72.1

20%

35%

0.17

100%

0.82

0%

71.0

47%

23%

0.18

100%

0.83

71.6

49%

0.18

100%

0.82

0%

72.0

7%

0%

0%

2003, 2004

Total Hours (%)

Total Hours (%)

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%) Hours With Any Cooling (%)

Total Hours (%)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Hours With Any Cooling (%)

Hours with Any Dehumid. (%)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-

Hours with Fan-only (No cool or dehumid) (%)

Hours with Any Dehumid. (%)

Average Temperature (F)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-

Hours with Fan-only (No cool or dehumid) (%)

Avg. Cooling Runtime Fraction (-)

Avg. Cooling Runtime Fraction (-)

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-

Average Dehumid. Runtime Fraction (-)

Average Fan-Only Runtime Fraction (-)

Hours with Fan-only (No cool or dehumid) (%)

Hours with Fan-only (No cool or dehumid) (%)

Month

Jan

Feb

Mar

Apr

May

Jun

2003, 2004		Relative	Humidity Tl	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lul					
Total Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
Aug					
Total Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
Sep	00/	00(00(00(00/
I otal Hours (%)	0%	0%	0%	0%	0%
Hours with Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Average Debumid, Buntime Fraction ()					
Hours with Ean only (No cool or dobumid) (%)					
Average Ean-Only Puntime Eraction (-)					
Average Tan-Only Runnie Tacuon (-)					
Oct					l
Total Hours (%)	77%	48%	21%	4%	0%
Hours With Any Cooling (%)	,•			.,,	
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.2	72.0	72.1	72.3	
Nov		1	1	1	1
Total Hours (%)	70%	59%	38%	20%	2%
Hours With Any Cooling (%)	34%	35%	37%	22%	56%
Avg. Cooling Runtime Fraction (-)	0.12	0.10	0.08	0.06	0.07
Hours with Any Dehumid. (%)	27%	20%	2%	1%	0%
Average Dehumid. Runtime Fraction (-)	0.96	0.97	0.80	0.50	0.50/
Hours with Fan-only (No cool or dehumid) (%)	18%	20%	23%	25%	25%
Average Fan-Only Runtime Fraction (-)	0.37	0.37	0.37	0.38	0.38
Average Temperature (F)	73.4	73.4	73.5	73.1	/3.8
Total Hours (0()	00/	40/	00/	00/	00/
Hours With Any Cooling (%)	9%	4 /0	0%	076	076
Ava Cooling Runtime Fraction (-)	0.06	23%	0%		
Hours with Any Dehumid (%)	1.00	0.00	0%		
Average Dehumid Runtime Fraction (-)	0.96	076	076		
Hours with Ean-only (No cool or debumid) (%)	75%	77%	100%		
Average Fan-Only Runtime Fraction (-)	0.37	0.37	0.37		
Average Temperature (F)	71.3	73.1	71.7		

Average Temperature (F) Note: Average Runtime Fractions only include periods where the runtime is greater than zero.

2003		Relative	e Humidity T	hreshold		2003	Relative Humidity Threshold				
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50% A	Above 55%	Above 60%	Above 65%	Above 70%
Jan Total Hours (%						Jui Total Hours (%)	92%	33%	4%	0%	0%
Hours With Any Cooling (%	<u> </u>					Hours With Any Cooling (%)	32.78	5570	470	078	07
Ava Cooling Puntime Fraction (-	(Avg. Cooling Puntime Eraction (-)					
Hours with Any Dehumid (%	<u> </u>					Hours with Any Debumid (%)					
Average Debumid Puntime Fraction (-	(Average Debumid, Runtime Eraction (-)					
Hours with East only (No cool or deburgid) (%	<u></u>					Hours with Ean only (No cool or dobumid) (%)					
Average Eap Only Puntime Fraction (<					Average Fan Only (No cool of definition (76)					
Average Fail-Only Runume Fraction (-	<u></u>					Average Fail-Only Runtime Fraction (-)	75.0	75.6	75.7	75.7	
Average Temperature (F)					Average Temperature (F)	75.0	75.0	/5./	75.7	
Total Hours (%		1	1	1		Aug	86%	Q0/_	0%	0%	0%
Hours With Any Cooling (%)	<u></u>					Hours With Apy Cooling (%)	0078	070	078	070	07
Ava Cooling Puntimo Frontion (<u></u>					Avg. Cooling Puntimo Erostion ()					
Avg. Cooling Kuntime Flaction (-	2					Avg. Cooling Runnine Flaction (-)					
Average Debumid, Buptime Fraction (<u></u>					Average Debumid, Buntime Fraction ()					
Average Denumid. Rumine Fraction (-	2					Hours with Ean aphy (No apol or deburgid) (9()					
Average Eap Only Ruptime Fraction (<u></u>					Average Eap Only Runtime Fraction ()					
Average Fan-Only Runtime Fraction (-	<u></u>					Average Fail-Only Runtime Fraction (-)	75.4	74.0	70.0	71.0	
Average Temperature (F)					Average Temperature (F)	75.4	74.9	12.0	/1.0	
Total Hours (%)						Sep	959/	200/	10/	0%	00
Hours With Any Cooling (%)	2					Hours With Any Cooling (%)	00 %	20%	1 70	076	07
Aug. Cooling Duptime Frontian (2					Aug. Cooling Buntime Frontian ()					
Avg. Cooling Runtime Fraction (-	2					Avg. Cooling Runtime Fraction (-)					
Hours with Any Denumia. (%	2					Hours with Any Denumia. (%)					
Average Denumid. Runtime Fraction (-	2					Average Denumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or denumid) (%	2					Hours with Fan-only (No cool or denumid) (%)					
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only Runtime Fraction (-)	70.0	74.0	74.0		
Average Temperature (F)					Average Temperature (F)	/3.8	74.0	74.3		
Apr		1				Oct	750/	00/	09/	00/	00
I Javes With Any Casling (%)	2					I Javas With Asy Casting (%)	15%	9%	0%	0%	07
Hours With Any Cooling (%	2					Hours with Any Cooling (%)					
Avg. Cooling Runtime Fraction (-	2					Avg. Cooling Runtime Fraction (-)					
Hours with Any Denumid. (%	2					Hours with Any Denumid. (%)					
Average Denumid. Runtime Fraction (-	2					Average Denumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or denumid) (%	2					Hours with Fan-only (No cool or denumid) (%)					
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only Runtime Fraction (-)	70.0	70.7	70.0		
Average Temperature (F)					Average Temperature (F)	13.3	13.1	73.8		
May		1				NOV	769/	010/	20/	00/	00
Total Hours (%	2					Total Hours (%)	/6%	21%	2%	0%	0%
Hours With Any Cooling (%	2					Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-	2					Avg. Cooling Runtime Fraction (-)					
Hours with Any Denumid. (%	2					Hours with Any Denumid. (%)					
Average Denumid. Runtime Fraction (-	2					Average Denumid. Runtime Fraction (-)	(
Hours with Fan-only (No cool or dehumid) (%	2					Hours with Fan-only (No cool or dehumid) (%)	<u></u>				
Average Fan-Only Runtime Fraction (-	2					Average Fan-Only Runtime Fraction (-)	70.4	70.7	70.0		
Average Temperature (F)				L	Average Temperature (F)	/2.4	/2./	72.3	L	
Jun	0.10/	070/	00/	00/	00/	Dec	4404	100/	00/		
I otal Hours (%	91%	27%	3%	0%	0%	I otal Hours (%)	41%	16%	2%	0%	0%
Hours With Any Cooling (%	2				ļ	Hours With Any Cooling (%)	<u></u>			 	
Avg. Cooling Runtime Fraction (-	2				ļ	Avg. Cooling Runtime Fraction (-)	<u></u>			 	
Hours with Any Dehumid. (%	2					Hours with Any Dehumid. (%)	<u></u>				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)	/				
Hours with Fan-only (No cool or dehumid) (%	2					Hours with Fan-only (No cool or dehumid) (%)	<u></u>				
Average Fan-Only Runtime Fraction (-						Average Fan-Only Runtime Fraction (-)	(=		<u> </u>	
Average Temperature (F) 74.7	75.4	75.2	76.6		Average Temperature (F)	69.5	70.5	70.7		

Table 117. Site 32 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

2003	<u> </u>	Relative	e Humidity T	hreshold		2003		Relative	Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan Total Hours (%	, <u> </u>					Jui Total Hours (%	79%	12%	2%	0%	0%
Hours With Any Cooling (%	(<u> </u>					Hours With Any Cooling (%)	13/0	12/0	270	078	070
Avg. Cooling Runtime Fraction (-	<u>.</u>					Avg. Cooling Runtime Fraction (-	(+			
Hours with Any Dehumid (%	<u>.</u>					Hours with Any Debumid (%	<u></u>	+			
Average Dehumid Runtime Fraction (-	Ś.					Average Dehumid, Runtime Fraction (-	5	+ +			1
Hours with Fan-only (No cool or dehumid) (%	5					Hours with Fan-only (No cool or dehumid) (%	Ś	+ +		-	i
Average Fan-Only Runtime Fraction (-	ý l					Average Fan-Only Runtime Fraction (-	5			-	
Average Temperature (F)					Average Temperature (F	74.3	74.5	74.6		
Feb	1		1		1	Aug		J1			
Total Hours (%)					Total Hours (%	48%	3%	0%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				1
Average Temperature (F)					Average Temperature (F	74.3	73.6	72.6		
Mar						Sep					
Total Hours (%)					Total Hours (%	68%	, 10%	1%	0%	0%
Hours With Any Cooling (%))					Hours With Any Cooling (%))				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				I
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)					Average Temperature (F	73.3	, 73.3	73.7		ı
Apr	, <u> </u>			T	1	Oct	500/	001	00/	00/	
I otal Hours (%	<u>'</u>					I otal Hours (%	59%	3%	0%	0%	0%
Hours With Any Cooling (%	(Hours with Any Cooling (%	2	+			1
Avg. Cooling Runtime Fraction (-	(Avg. Cooling Runtime Fraction (-	2	+		I	
Hours with Any Denumid. (%	(Hours with Any Denumid. (%	2	+			
Average Denumid. Rumine Fraction (-	(Average Denumic. Runtime Fraction (-		+			
Average Ean-Only Puntime Fraction (-	(<u> </u>					Average Eap-Only Puntime Fraction (~	<	+			r
Average Fait-Only Kultume Fraction (-	(<u> </u>					Average Fail-Only Runnine Fraction (-	72 7	72.8	72.0		r
May	<u></u>					Nov	12.1	72.0	12.0	<u> </u>	
Total Hours (%)						Total Hours (%)	68%	13%	1%	0%	0%
Hours With Any Cooling (%)	á l					Hours With Any Cooling (%	0070		.,,	0,0	
Avg. Cooling Runtime Fraction (-	ý l					Avg. Cooling Runtime Fraction (-	Ś	+ +		-	i
Hours with Any Dehumid (%	á l					Hours with Any Dehumid (%	5	+ +			1
Average Dehumid, Runtime Fraction (-	Ś l					Average Dehumid, Runtime Fraction (-	5	+			
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%		+			
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-	5	+			
Average Temperature (F)					Average Temperature (F	71.9	72.0	71.9		
Jun	·					Dec					
Total Hours (%) 77%	10%	1%	0%	0%	Total Hours (%	40%	, 13%	1%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F) 73.9	74.1	74.7			Average Temperature (F	69.3	70.2	70.4		

Table 118. Site 32 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

Table 119. Site 32 - Indoor RH Data by month and threshold level for 2004 (HIGHEST humidity in any space)

	Relative	Humidity Th	reshold		2004	Relative Humidity Threshold						
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%		
E20/	250/	10/	00/	09/	Jul							
53%	25%	1%	0%	0%	Lours With Apy Cooling (%)							
					Avg. Cooling Runtime Fraction (-)							
					Hours with Any Debumid (%)							
					Average Dehumid, Runtime Fraction (-)							
					Hours with Ean-only (No cool or dehumid) (%)							
					Average Fan-Only Runtime Fraction (-)							
69.7	70.4	71.5			Average Temperature (F)							
					Aug							
43%	7%	0%	0%	0%	Total Hours (%)							
					Hours With Any Cooling (%)							
					Avg. Cooling Runtime Fraction (-)							
					Hours with Any Dehumid. (%)							
					Average Dehumid. Runtime Fraction (-)							
					Hours with Fan-only (No cool or dehumid) (%)							
					Average Fan-Only Runtime Fraction (-)							
68.3	68.0				Average Temperature (F)							
760/	200/	00/	20/	09/	Sep							
70%	29%	9%	3%	0%	Hours With Apy Cooling (%)							
					Ava Cooling Runtime Fraction (-)							
					Hours with Any Dehumid (%)							
					Average Dehumid, Runtime Fraction (-)							
					Hours with Fan-only (No cool or dehumid) (%)							
					Average Fan-Only Runtime Fraction (-)							
72.7	72.5	71.4	70.8	69.7	Average Temperature (F)							
					Oct		•	•				
72%	11%	0%	0%	0%	Total Hours (%)							
22%	29%	100%			Hours With Any Cooling (%)							
0.22	0.33	0.36			Avg. Cooling Runtime Fraction (-)							
28%	29%	100%			Hours with Any Dehumid. (%)							
0.58	0.44	0.27			Average Dehumid. Runtime Fraction (-)							
0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)							
70.7	70.7	74.0			Average Fan-Only Runtime Fraction (-)							
12.1	70.7	71.8			Average Temperature (F)							
51%	Q 0/_	1%	0%	0%	Total Hours (%)							
83%	89%	1/0	070	0.10	Hours With Any Cooling (%)							
0.30	0.37	0.43			Avg, Cooling Runtime Fraction (-)							
100%	100%	100%			Hours with Any Dehumid. (%)							
0.59	0.47	0.31			Average Dehumid. Runtime Fraction (-)							
0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)							
					Average Fan-Only Runtime Fraction (-)							
75.4	73.3	73.6			Average Temperature (F)							
					Dec							
64%	11%	1%	0%	0%	Total Hours (%)							
94%	98%	100%			Hours With Any Cooling (%)							
0.35	0.38	0.48			Avg. Cooling Runtime Fraction (-)							
100%	100%	100%			Hours with Any Dehumid. (%)							
0.75	0.59	0.49			Average Dehumid. Runtime Fraction (-)							
0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)							
77 0	7/0	74 0			Average Fan-Only Kuntime Fraction (-)							
11.0	/4.8	74.0			Average reinperature (F)							

Average Fan-Only Runtime Fraction (-) Average Temperature (F) Feb Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F) Mar Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F) Apr Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F) May Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F) Jun Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

2004

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%)

Month Jan

Table 120. Site 32 - Indoor RH Data by month and threshold level for 2004 (AVERAGE of all spaces)

Month Jan

Feb

Mar

Apr

May

Jun

2004	Relative Humidity Threshold					2004	Relative Humidity Thres			reshold	eshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
n						Jul						
Total Hours (%)	51%	19%	0%	0%	0%	Total Hours (%)						
Hours With Any Cooling (%)						Hours With Any Cooling (%)						
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)						
Average Debumid Puptime Fraction ()						Average Debumid, Buntime Fraction ()						
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or debumid) (%)						
Average Ean-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)						
Average Temperature (F)	69.3	69.9	69.9			Average Tamoniy Runnine Traction ()						
b	00.0	00.0	00.0			Aug						
~ Total Hours (%)	35%	6%	0%	0%	0%	Total Hours (%)						
Hours With Any Cooling (%)						Hours With Any Cooling (%)						
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)						
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)						
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)						
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)						
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)						
Average Temperature (F)	67.7	67.7				Average Temperature (F)						
ır						Sep						
Total Hours (%)	51%	19%	6%	2%	0%	Total Hours (%)						
Hours With Any Cooling (%)						Hours With Any Cooling (%)						
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)						
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)						
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)						
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)						
Average Fan-Only Runtime Fraction (-)	=	=				Average Fan-Only Runtime Fraction (-)						
Average Temperature (F)	/1.2	70.9	69.8	69.4		Average Temperature (F)						
Total Hours (%)	409/	20/	00/	00/	09/	Uct						
Hours With Any Cooling (%)	40%	270	0%	0%	0 %	Hours With Apy Cooling (%)						
Ava Cooling Runtime Fraction (-)	0.27	0.47				Ava Cooling Runtime Fraction (-)						
Hours with Any Dehumid (%)	16%	31%				Hours with Any Dehumid (%)						
Average Debumid Runtime Fraction (-)	0.38	0.22				Average Debumid, Runtime Fraction (-)						
Hours with Ean-only (No cool or dehumid) (%)	0%	0%				Hours with Ean-only (No cool or debumid) (%)						
Average Fan-Only Runtime Fraction (-)	070	070				Average Fan-Only Runtime Fraction (-)						
Average Temperature (F)	70.9	69.9				Average Temperature (F)						
ay			1			Nov						
Total Hours (%)	14%	2%	0%	0%	0%	Total Hours (%)						
Hours With Any Cooling (%)	74%	85%				Hours With Any Cooling (%)						
Avg. Cooling Runtime Fraction (-)	0.37	0.42				Avg. Cooling Runtime Fraction (-)						
Hours with Any Dehumid. (%)	100%	100%				Hours with Any Dehumid. (%)						
Average Dehumid. Runtime Fraction (-)	0.37	0.27				Average Dehumid. Runtime Fraction (-)						
Hours with Fan-only (No cool or dehumid) (%)	0%	0%				Hours with Fan-only (No cool or dehumid) (%)						
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)						
Average Temperature (F)	72.3	71.8				Average Temperature (F)						
n			I.			Dec				1		
Total Hours (%)	13%	2%	0%	0%	0%	Total Hours (%)						
Hours With Any Cooling (%)	99%	100%				Hours With Any Cooling (%)						
Avg. Cooling Runtime Fraction (-)	0.40	0.41				Avg. Cooling Runtime Fraction (-)						
Hours with Any Dehumid. (%)	100%	100%				Hours with Any Dehumid. (%)						
Average Denumid. Runtime Fraction (-)	0.57	0.38				Average Denumid. Runtime Fraction (-)						
Hours with Fan-only (No cool of dehumid) (%)	0%	0%				Hours with Fan-only (No cool or dehumid) (%)						
Average Fan-Only Runtime Fraction (-)	70 0	70.0				Average Fan-Only Kuntime Fraction (-)						
Average remperature (F)	13.2	12.3				Average remperature (F)	ļ					

2004		Relative	Humidity Th	reshold		2004		Relative	Humidity T	nreshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
n Trialle (84)		1	1			Jul	-	1		T	T
I otal Hours (%)						I otal Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Denumia. (%)						Hours with Any Denumid. (%)					
Average Denumic. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool or denumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)				<u> </u>	
D Total Hours (%)						Aug				T	1
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Hours With Any Cooling (%)						Ave Cooling Puntime Frontian ()					
Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Denumid. (%)						Hours with Any Denumid. (%)					
Average Denumic. Rumine Fraction (-)						Average Denumid. Runume Fraction (-)					
Hours with Fan-only (No cool of denumid) (%)						Hours with Fan-only (No cool of denumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)				<u> </u>	<u> </u>
ar Total Hours (%)	EE9/	100/	20/	0%	0%	Sep				T	1
Hours With Any Cooling (%)	20%	10%	15%	0%	0%	Hours With Any Cooling (%)					
Ava Cooling Puntime Fraction ()	30%	10%	15%	0%	0%	Avg. Cooling Puptime Fraction ()					
Hours with Any Dobumid (%)	0.10	100%	100%	100%	100%	Hours with Any Dobumid (%)					
Average Debumid, Buntime Fraction ()	99%	100%	100%	100%	100%	Average Debumid, Buptime Fraction ()					
Average Denumic. Runtime Fraction (-)	0.14	0.06	0.04	0.04	0.03	Average Denumid. Rumume Fraction (-)					
Average Eap Only Runtime Fraction ()	0.15	0%	0%	0%	0%	Average Eap Only Runtime Fraction ()					
Average Fail-Only Runnine Fraction (-)	0.13	70.0	70.0	71.1	60.7	Average Fail-Only Kultume Flaction (-)	-				
Average remperature (F)	12.3	12.2	12.3	/ 1.1	09.7	Average Temperature (F)				<u></u>	<u>I</u>
Total Hours (%)	61%	23%	5%	1%	0%	Total Hours (%)	-			1	1
Hours With Any Cooling (%)	28%	13%	9%	25%	0%	Hours With Any Cooling (%)					
Ava. Cooling Runtime Fraction (-)	0.18	0.10	0.12	0.09	0,0	Avg. Cooling Runtime Fraction (-)				-	
Hours with Any Dehumid (%)	98%	98%	100%	100%	100%	Hours with Any Dehumid (%)	-			-	
Average Dehumid Runtime Fraction (-)	0.07	0.05	0.05	0.03	0.03	Average Dehumid Runtime Fraction (-)	-			-	
Hours with Fan-only (No cool or dehumid) (%)	2%	1%	0%	0%	0%	Hours with Ean-only (No cool or dehumid) (%)				-	
Average Fan-Only Runtime Fraction (-)	0.16	0.20	070	070	070	Average Ean-Only Runtime Fraction (-)	-			-	
Average Temperature (F)	72.3	72.0	72.2	72.8	73.8	Average Temperature (F)				-	
av			1			Nov		I			
Total Hours (%)	46%	15%	1%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	68%	47%	0%			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.23	0.20				Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	92%	88%	83%			Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.17	0.18	0.03			Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	5%	9%	17%			Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.13	0.13	0.14			Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.0	72.0	71.5			Average Temperature (F)					
n			•	•		Dec					
Total Hours (%)	23%	5%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	68%	69%	0%			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.33	0.42				Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	92%	84%	0%			Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.30	0.51				Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	6%	9%	0%			Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.15	0.14				Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.0	72.5	74.5			Average Temperature (F)					
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Table 121. Site 33 - Indoor RH Data by month and threshold level for 2004 (HIGHEST humidity in any space)

2004

Month Jan

Feb

Mar

Apr

May

Jun

2004	Relative Humidity Threshold			2004	Relative Humidity Thre		nreshold				
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Feb						Aug					
Total Hours (%)						Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)						Average Temperature (F)					
Mar						Sep					
Total Hours (%)	40%	9%	1%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	29%	19%	0%			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.15	0.09				Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	100%	100%	100%			Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.12	0.04	0.05			Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.0	72.0	71.7			Average Temperature (F)					
Apr						Oct				•	
Total Hours (%)	46%	9%	1%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	24%	12%	0%			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.13	0.10				Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	98%	100%	100%			Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.07	0.05	0.09			Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	2%	0%	0%			Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.19					Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.0	71.6	72.6			Average Temperature (F)					
Мау						Nov		1			
Total Hours (%)	34%	6%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	63%	43%	0%			Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.21	0.14				Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	91%	88%	100%			Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.13	0.06	0.03			Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	6%	10%	0%			Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.13	0.13				Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	71.7	71.7	71.8			Average Temperature (F)	1				
Jun						Dec					•
Total Hours (%)	12%	1%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	60%	25%				Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	0.35	0.25				Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	90%	50%				Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)	0.38	0.20				Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	7%	50%				Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	0.15	0.18	-			Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.3	72.3				Average Temperature (F)					

Table 122. Site 33 - Indoor RH Data by month and threshold level for 2004 (AVERAGE of all spaces)

Table 123. Site 34 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

idity Th	reshold		2002, 2003		Relative	Humidity Th	nreshold	
ve 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
			lul -					
0%	0%	0%	Total Hours (%)					
070	070	070	Hours With Any Cooling (%)					
			Avg. Cooling Runtime Fraction (-)					
			Hours with Any Dehumid. (%)					
			Average Dehumid. Runtime Fraction (-)					
			Hours with Fan-only (No cool or dehumid) (%)					
			Average Fan-Only Runtime Fraction (-)					
			Average Temperature (F)					
			Aug				•	
0%	0%	0%	Total Hours (%)					
			Hours With Any Cooling (%)					
			Avg. Cooling Runtime Fraction (-)					
			Hours with Any Dehumid. (%)					
			Average Dehumid. Runtime Fraction (-)					
			Hours with Fan-only (No cool or dehumid) (%)					
			Average Fan-Only Runtime Fraction (-)					
			Average Temperature (F)					
			Sep		1		1	
0%	0%	0%	Total Hours (%)					
			Hours With Any Cooling (%)					
			Avg. Cooling Runtime Fraction (-)					
			Hours with Any Dehumid. (%)					
			Average Dehumid. Runtime Fraction (-)					
			Hours with Fan-only (No cool or dehumid) (%)					
			Average Fan-Only Runtime Fraction (-)					
			Average Temperature (F)					
09/	0%	0%	Oct	100%	100%	950/	0%	0%
0%	0%	076	Hours With Any Cooling (%)	100 %	100 %	00%	076	0%
			Avg. Cooling Runtime Fraction (-)					
			Hours with Any Debumid (%)					
			Average Debumid Buntime Fraction (-)					
			Hours with Ean-only (No cool or dehumid) (%)					
			Average Ean-Only Runtime Fraction (-)					
			Average Temperature (F)	72 1	72 1	72.3		
		-	Nov			12.0		
5%	0%	0%	Total Hours (%)	38%	16%	0%	0%	0%
			Hours With Any Cooling (%)					
			Avg. Cooling Runtime Fraction (-)					
			Hours with Any Dehumid. (%)					
			Average Dehumid. Runtime Fraction (-)					
			Hours with Fan-only (No cool or dehumid) (%)					
			Average Fan-Only Runtime Fraction (-)					
74.5			Average Temperature (F)	72.1	72.6	76.6		
			Dec		•		•	
0%	0%	0%	Total Hours (%)	6%	0%	0%	0%	0%
-	-		Hours With Any Cooling (%)			-		
			Avg. Cooling Runtime Fraction (-)					
			Hours with Any Dehumid. (%)					
			Average Dehumid. Runtime Fraction (-)					
			Hours with Fan-only (No cool or dehumid) (%)					
			Average Fan-Only Runtime Fraction (-)					
			Average Temperature (F)	72.1				

2002, 2003		Relative	Humidity Tl	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan					
Total Hours (%)	0%	0%	0%	0%	0%
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
Feb		1	I.	1	I.
Total Hours (%)	9%	1%	0%	0%	0%
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)	-				
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	71.0	71.5			
Mar Tetel Llaure (0()	0.40/	400/	00/	00(00/
I otal Hours (%)	34%	13%	0%	0%	0%
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)	-				
Hours with Any Denumid. (%)					
Average Denumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or denumid) (%)					
Average Fan-Only Runtime Fraction (-)	71.0	74.7			
Average Temperature (F)	/1.0	/ 1./			
Api Total Hours (%)	57%	12%	0%	0%	0%
Hours With Any Cooling (%)	5176	12/0	078	078	078
Ava Cooling Runtime Fraction (-)					
Hours with Any Debumid (%)					
Average Debumid Runtime Fraction (-)					
Hours with Ean-only (No cool or debumid) (%)					
Average Ean-Only Runtime Fraction (-)	-				
Average Temperature (F)	73.2	73.4			
May	10.2	70.4			l
Total Hours (%)	100%	75%	5%	0%	0%
Hours With Any Cooling (%)	10070		070	0,0	0,0
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid, Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	74.7	74.6	74.5		
Jun			-		1
Total Hours (%)	100%	17%	0%	0%	0%
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	75.0	75.3			

Table 124.	Site 34	- Indoor	RH Data	bv month	and thre	shold l	evel for	2002.	2003	(AVERAGE	of all s	paces)
								,				

2002, 2003

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Average Temperature (F)

Month Jan

Feb

Mar

Apr

May

Jun

	Relative	Humidity Tl	nreshold		2002, 2003		Relative	Humidity Th	reshold	
bove 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
					Jul					
0%	0%	0%	0%	0%	Total Hours (%)					
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
					Average Temperature (F)					
09/	0%	0%	0%	0%	Aug					
0%	0%	0%	0%	0%	Hours With Any Cooling (%)					
					Ava Cooling Puntime Fraction (
					Avg. Cooling Runtime Flaction (-)					
					Average Debumid Puntime Fraction (-)					
					Hours with Ean-only (No cool or debumid) (%)					
					Average Ean-Only Runtime Fraction (-)					
					Sen					
0%	0%	0%	0%	0%	Total Hours (%)					
0,0	0,0	0,0	0,0	0,0	Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid, Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
					Average Temperature (F)					
			•		Oct					
0%	0%	0%	0%	0%	Total Hours (%)	7%	0%	0%	0%	0%
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
					Average Temperature (F)	71.9				
					Nov					
0%	0%	0%	0%	0%	Total Hours (%)	0%	0%	0%	0%	0%
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
					Average Temperature (F)					
00/	00/	00/	00/	00/	Dec	00/	00/	00/	00/	00/
0%	0%	0%	0%	0%	Hours With Apy Cooling (%)	0%	0%	0%	0%	0%
					Ava Cooling Puptime Erection (
					Avg. Cooling Runtime Fraction (-)					
					Average Debumid, Puptime Erection (
					Hours with Ean-only (No cool or dobumid) (%)					
					Average Ean-Only Runtime Fraction (-)					
					Average Lan-Only Runtime Flaction (-) Average Temperature (F)					
			1							

Table 125. Site 35 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

Month Jan

Feb

Mar

Apr

May

Jun

2003		Relative	Humidity Th	reshold	1	2003	Relative	Humidity Thr	eshold	1
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50% Above 55%	Above 60%	Above 65%	Above 70%
n						Jul				
Total Hours (%)	4%	2%	0%	0%	0%	Total Hours (%)	{			
Hours With Any Cooling (%)						Hours With Any Cooling (%)	1			
Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runtime Fraction (-)	·			
Average Debumid Puptime Eraction (-)						Average Debumid, Runtime Fraction (-)	<u>.</u>			
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or dehumid) (%)	\			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-				
Average Temperature (F)	72.0	73.0	69.7	69.7		Average Temperature (F)				
b						Aug		<u> </u>		
Total Hours (%)	22%	6%	0%	0%	0%	Total Hours (%))			
Hours With Any Cooling (%)						Hours With Any Cooling (%))		-	
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)	j li			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%))			
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)	1			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-))			
Average Temperature (F)	70.4	71.3				Average Temperature (F)	1			
ar						Sep			T	
Total Hours (%)	47%	25%	1%	0%	0%	Total Hours (%)	/			
Hours With Any Cooling (%)						Hours With Any Cooling (%)	{			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-,	{			
Hours with Any Denumid. (%)						Hours with Any Denumid. (%)	1			
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-)	1			
Average Ean-Only (No cool of definiting) (%)						Average Eap-Only Puntime Eraction (-)	<u></u>			
Average Tan-Only Kuntime Traction (-)	71.6	72 1	74.3				\			
r	71.0	72.1	14.0			Oct		L	·	
Total Hours (%)	74%	37%	8%	3%	1%	Total Hours (%))		-	
Hours With Any Cooling (%)						Hours With Any Cooling (%))			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%))		-	
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-	1			
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%))			
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)	1			
Average Temperature (F)	75.6	75.9	76.3	76.6	77.5	Average Temperature (F)	1			
ау						Nov			T	
Total Hours (%)	98%	96%	66%	15%	1%	Total Hours (%)	/			
Hours With Any Cooling (%)						Hours With Any Cooling (%)	<u></u>			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-,	!			
Average Debumid Buntime Fraction ()						Hours with Any Denumid. (%)	1			
Hours with Ean only (No cool or dobumid) (%)						Hours with Ean only (No cool or dobumid) (%)	<u></u>			
Average Ean-Only Puntime Eraction (-)						Average Ean-Only Runtime Fraction (-)	<u>.</u>			
Average Temperature (F)	76.9	76.9	77.0	77.0	76.0	Average Tan-Only Runtime Fraction (-)	/			
n	70.0	10.0	11.0	11.0	70.0	Dec	ł	LL	L	
Total Hours (%)	100%	100%	0%	0%	0%	Total Hours (%))		-	
Hours With Any Cooling (%)						Hours With Any Cooling (%))			
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-))			
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)			
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-))			
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%))			
Average Fan-Only Runtime Fraction (-)		-				Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	76.5	76.5				Average Temperature (F)				
o: Average Buntime Frections only include per	iada whara the	o runtimo io a	rootor than 70	ro						

Note: Average Runtime Fraction ıly i clude pe IOds 1 ne is gr

Table 126. Site 35 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

Month Jan

Feb

Mar

Apr

May

Jun

2003		Relative	Humidity Th	reshold		2003		Relativ	e Humidity Tl	reshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
n .						Int					
Total Hours (%)	20/	0%	0%	09/	0%	Jui Total Houra	(0/)		1	,	r
Hours With Any Cooling (%)	270	0%	0%	0%	0%	Hours With Any Cooling	(70)			ļ	
Ava Cooling Puntime Frontian ()						Hours With Any Cooling	(70)				
Avg. Cooling Runtime Flaction (-)						Avg. Cooling Runtime Fraction	(-)			J	1
Hours with Any Denumia. (%)						Hours with Any Denumia.	(%)			J	1
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction	(-)			ļ /	H
Hours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool or denumid)	(%)			J	1
Average Fan-Only Runtime Fraction (-)	74.0	00.0				Average Fan-Only Runtime Fraction	(-)			J	1
Average Temperature (F)	71.9	68.8				Average Temperature	(F)				L
	4.00/	40/	00/	00/	00/	Aug	(0()			1	
I otal Hours (%)	10%	4%	0%	0%	0%	Total Hours	(%)			ļ]	1
Hours With Any Cooling (%)						Hours With Any Cooling	(%)			ļ]	1
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	(-)			ļ /	H
Hours with Any Denumia. (%)						Hours with Any Denumid.	(%)			ļ /	H
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction	(-)			ļ /	H
Hours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool or denumid)	(%)			ļ /	H
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	(-)			ļ /	H
Average Temperature (F)	69.8	70.4				Average Temperature	(F)				L
ar The second	0.50/	1001				Sep	(0.1)	1	1		
I otal Hours (%)	35%	16%	0%	0%	0%	I otal Hours	(%)				H
Hours With Any Cooling (%)						Hours With Any Cooling	(%)				H
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	(-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid.	(%)				l
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	(-)				l
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid)	(%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	(-)				H
Average Temperature (F)	70.9	71.6				Average Temperature	(F)				L
or						Oct					r
Total Hours (%)	65%	29%	5%	2%	1%	Total Hours	(%)				
Hours With Any Cooling (%)						Hours With Any Cooling	(%)				l
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	(-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid.	(%)				l
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	(-)				l
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid)	(%)				l
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	(-)				
Average Temperature (F)	74.9	75.4	75.8	76.3	76.7	Average Temperature	(F)				L
ay						Nov		-			
Total Hours (%)	98%	96%	53%	8%	0%	Total Hours	(%)				
Hours With Any Cooling (%)						Hours With Any Cooling	(%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	(-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid.	(%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	(-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid)	(%)				l
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	(-)				
Average Temperature (F)	76.3	76.3	76.4	76.1		Average Temperature	(F)				L
in					1	Dec		1			
Total Hours (%)	100%	90%	0%	0%	0%	Total Hours	(%)				l
Hours With Any Cooling (%)						Hours With Any Cooling	(%)				F
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction	(-)				ŀ
Hours with Any Dehumid. (%)						Hours with Any Dehumid.	(%)				I
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction	(-)			l	I
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid)	(%)				I
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction	(-)				I
Average Temperature (F)	75.9	76.1				Average Temperature	(F)				I
ote: Average Runtime Fractions only include per	iods where the	runtime is ar	eater than ze	ro							

Note: Average ııy э р gr

Table 127. Site 36 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

Month Jan

Feb

Mar

Apr

May

Jun

2003		Relative	Humidity Th	reshold		2003		Relative	Humidity Th	reshold	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
in						Jul					
Total Hours (%)	0%	0%	0%	0%	0%	Total Hours (%)				i I	ĺ
Hours With Any Cooling (%)						Hours With Any Cooling (%)				i l	ĺ
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				i l	ĺ
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				i l	
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				i l	1
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				i l	1
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				i l	l
Average Temperature (F)						Average Temperature (F)				i l	l
eb						Aug	1				
Total Hours (%)	5%	0%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					l
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					I
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					I
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					1
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					I
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					1
Average Temperature (F)	71.9	71.5				Average Temperature (F)					l
ar						Sep					
Total Hours (%)	25%	3%	0%	0%	0%	Total Hours (%)				I	I
Hours With Any Cooling (%)						Hours With Any Cooling (%)					1
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				l I	1
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					I
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				ļ]	Į
Average Temperature (F)	73.8	74.8				Average Temperature (F)					L
or						Oct		1			
Total Hours (%)	26%	1%	0%	0%	0%	Total Hours (%)				ļ]	I
Hours With Any Cooling (%)						Hours With Any Cooling (%)				ļ	
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				ļ	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				ļ	l
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				├ ────┤	ł
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				├ ────┤	ł
Average Fan-Only Runtime Fraction (-)	77.0	70.5				Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	77.0	76.5				Average Temperature (F)				I	ι
ay Total Hours (%)	720/	170/	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)	13%	17.70	0 %	076	076	Hours With Any Cooling (%)					
Avg. Cooling Puntime Fraction ()						Avg. Cooling Puptime Fraction ()					
Hours with Any Dohumid (%)						Hours with Any Dobumid (%)					
Average Debumid Runtime Fraction (-)						Average Debumid Runtime Fraction (-)					
Hours with Eap-only (No cool or debumid) (%)						Hours with Ean-only (No cool or debumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)					
Average Temperature (F)	77 1	77.5	76.6	76.6		Average Temperature (F)					
n	,,,,	11.0	70.0	10.0		Dec					
Total Hours (%)	41%	3%	0%	0%	0%	Total Hours (%)				[]	
Hours With Any Cooling (%)					- / -	Hours With Any Cooling (%)				i – – – – – – – – – – – – – – – – – – –	ĺ
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				[]	
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	78.4	78.4				Average Temperature (F)				1	1
ote: Average Runtime Fractions only include per	riods where the	runtime is ar	eater than ze	ro		_ ()				·	

Note: Average ns only include periods where the runtime is gro eater than zerc

Table 128. Site 36 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

2003		Relative	Humidity Tl	nreshold		2003		Relative	Humidity Tl	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan		1	1	1		Jul				1	
Total Hours (%)	0%	0%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool or denumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					l	Average Temperature (F)					
Total Hours (%)	40/	0%	0%	0%	0%	Aug					
Hours With Any Cooling (%)	4 70	076	076	076	076	Hours With Apy Cooling (%)					
Ava Cooling Puntime Fraction (-)						Avg. Cooling Puntime Eraction (-)					
Hours with Any Debumid (%)						Hours with Any Debumid (%)					
Average Debumid Runtime Fraction (-)						Average Debumid Runtime Fraction (-)					
Hours with Ean-only (No cool or debumid) (%)						Hours with Ean-only (No cool or debumid) (%)					
Average Ean-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction (-)					
Average Temperature (F)	71 7					Average Temperature (F)					
Mar	,				· · · · · · · · · · · · · · · · · · ·	Sep					
Total Hours (%)	15%	0%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Ava. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	73.1					Average Temperature (F)					
Apr						Oct			•		•
Total Hours (%)	14%	0%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	76.6					Average Temperature (F)					
Мау			I.	I.		Nov			1	I.	1
Total Hours (%)	50%	5%	0%	0%	0%	Total Hours (%)					
Hours With Any Cooling (%)						Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	70.5	77.4				Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	76.5	77.1				Average Temperature (F)					
Jun Tatal Haura (%)	170/	00/	09/	09/	09/	Dec					
Hours With Any Cooling (%)	17%	0%	0%	0%	0%	Hours With Any Cooling (%)					
Avg. Cooling Puptime Erection ()					<u> </u>	Ava Cooling Puntime Fraction ()					
Avg. Cooling Runtime Fraction (-)					<u> </u>	Avg. Cooling Runtime Fraction (-)					
Average Debumid Puptime Fraction ()					<u> </u>	Average Debumid Ruptime Fraction ()					
Hours with Eap-only (No cool or dobumid) (9)					<u> </u>	Hours with Ean-only (No cool or dobumid) (9)					
Average Eap-Only Puptime Fraction (1)					<u> </u>	Average Eap-Only Runtime Fraction ()					
Average Temperature (E)	79.0				<u> </u>	Average Fair-Only Running Flaction (-)					
Average Temperature (F)	10.2	o runtimo io o	reater then a	l	L	Average remperature (F)				I	

Table 129. Site 37 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

	Relative	Humidity Tl	nreshold		2002, 2003		Relative	e Humidity Threshold Above 60% Above 65		
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
			1		Jul					
0%	0%	0%	0%	0%	Total Hours (%)					
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Denumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or denumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
					Average Temperature (F)					
1%	0%	0%	0%	0%	Aug			1		
470	078	078	078	078	Hours With Any Cooling (%)					
					Ava Cooling Puntime Fraction (-)					
					Hours with Any Debumid (%)					
					Average Debumid Puntime Fraction (-)					
					Hours with Ean-only (No cool or debumid) (%)					
					Average Ean-Only Runtime Eraction (-)					
70.0					Average Tail-Only Runtime Traction (-)					
70.0				l	Sen					
7%	0%	0%	0%	0%	Total Hours (%)					
170	070	070	070	070	Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid (%)					
					Average Debumid, Runtime Fraction (-)					
					Hours with Ean-only (No cool or debumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
72 0					Average Temperature (F)					
72.0			I	· · · · · · · · · · · · · · · · · · ·	Oct			I		
22%	4%	2%	1%	0%	Total Hours (%)	0%	0%	0%	0%	0%
	.,,,		.,.		Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid (%)					
					Average Dehumid, Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
74.1	73.9	73.8	74.0		Average Temperature (F)					
					Nov					
94%	73%	34%	9%	0%	Total Hours (%)	6%	0%	0%	0%	0%
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
75.4	75.2	75.3	74.7	74.5	Average Temperature (F)	72.4	72.8			
					Dec					
98%	73%	38%	6%	0%	Total Hours (%)	0%	0%	0%	0%	0%
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
76.0	75.9	75.7	75.6	76.6	Average Temperature (F)					

Note: Average Runtime Fractions only include periods where the runtime is greater than zero.

2002, 2003

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Average Temperature (F)

Average Temperature (F)

Month

Jan

Feb

Mar

Apr

May

Jun

Table 130.	Site 37	- Indoor R	H Data by	month	and thre	shold	level for	2002.	2003	(AVERAGE	of all s	paces)
								,				/

2002, 2003

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Average Temperature (F)

Average Temperature (F)

Average Temperature (F)

Month Jan

Feb

Mar

Apr

May

Jun

	Relative	Humidity Th	reshold		2002, 2003		Relative	elative Humidity Thresh		-
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
								•		
					Jul		-	1		
0%	0%	0%	0%	0%	Total Hours (%)	-				
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Denumid. (%)					
					Average Denumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or denumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
					Average remperature (F)					
3%	0%	0%	0%	0%	Aug Total Hours (%)			1		
570	078	078	078	078	Hours With Any Cooling (%)	-				
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid (%)					
					Average Debumid, Runtime Fraction (-)					
					Hours with Ean-only (No cool or debumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
70.2					Average Fair-Only Runtime Flaction (-)					
10.2					Son	1				
6%	0%	0%	0%	0%	Total Hours (%)					
070	070	070	070	070	Hours With Any Cooling (%)	-				
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid (%)					
					Average Debumid, Runtime Fraction (-)					
					Hours with Ean-only (No cool or debumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
71 5					Average Temperature (F)	-				
71.0	1				Oct					
18%	3%	1%	0%	0%	Total Hours (%)	0%	0%	0%	0%	0%
		.,.			Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid, Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
73.7	73.3	73.3			Average Temperature (F)					
			1		Nov				1	
88%	60%	20%	0%	0%	Total Hours (%)	1%	0%	0%	0%	0%
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
74.6	74.7	74.9			Average Temperature (F)	72.1				
					Dec					
89%	52%	12%	0%	0%	Total Hours (%)	0%	0%	0%	0%	0%
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
75.1	75.0	75.1	75.9		Average Temperature (F)	L		1		

Table 131. Site 38 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

	Relative	Humidity Th	nreshold		2002, 2003		Relative	elative Humidity Threshold e 55% Above 60% Above		
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
				•						
					Jul		-	1		
0%	0%	0%	0%	0%	Total Hours (%)					
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Denumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or denumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
					Average Temperature (F)					
5%	0%	0%	0%	0%	Aug Total Hours (%)	-		1		
578	078	078	078	078	Hours With Any Cooling (%)					
					Ava Cooling Puntime Eraction (-)					
					Hours with Any Dobumid (%)					
					Average Debumid Puntime Eraction (-)					
					Hours with Ean only (No cool or dobumid) (%)					
					Average Eap-Only Runtime Eraction (-)					
71 5	71.0				Average Fail-Only Runnine Flaction (-)					
71.5	71.0			L	Average remperature (F)					
15%	1%	0%	0%	0%	Total Hours (%)					
1570	170	070	070	070	Hours With Any Cooling (%)					
					Ava Cooling Runtime Fraction (-)					
					Hours with Any Debumid (%)					
					Average Debumid, Runtime Fraction (-)					
					Hours with Ean-only (No cool or dehumid) (%)					
					Average Eap-Only Runtime Fraction (-)					
71.0	71.6									
71.0	71.0				Oct					
31%	5%	0%	0%	0%	Total Hours (%)	0%	0%	0%	0%	0%
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid, Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
74.3	75.7				Average Temperature (F)					
					Nov					
98%	89%	51%	16%	0%	Total Hours (%)	2%	0%	0%	0%	0%
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
75.5	75.5	75.9	76.3		Average Temperature (F)	72.6				
]	Dec					
100%	79%	3%	0%	0%	Total Hours (%)	1%	0%	0%	0%	0%
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
76.3	76.4	77.3			Average Temperature (F)	72.4	72.5			

Note: Average Runtime Fractions only include periods where the runtime is greater than zero.

2002, 2003

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%)

Total Hours (%)

Total Hours (%)

Total Hours (%)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Average Temperature (F)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-

Average Temperature (F)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Month Jan

Feb

Mar

Apr

May

Jun

Table 132.	Site 38	- Indoor	RH Data	bv month	and thre	shold l	evel for	2002.	2003	(AVERAGE	of all s	paces)
								,				

Month Jan

Feb

Mar

Apr

May

Jun

0000 0000		B. L. C.	11			0000 0000	1	Bulada	11		
2002, 2003		Relative	Humidity II	resnola		2002, 2003		Relative	Humidity Ir	resnoid	
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
			•						•		
n						Jul					
Total Hours (%)	0%	0%	0%	0%	0%	Total Hours (%)				
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-	Ś				
Hours with Any Dehumid (%)						Hours with Any Dehumid (%	Ś				
Average Debumid Runtime Fraction (-)						Average Debumid Runtime Fraction (-	Ś				
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or debumid) (%	<u></u>				
Average Eap Only Puptime Fraction ()						Average Fan Only Runtime Fraction (<u> </u>				
						Average Fair-Only Kulturne Fraction (-	<u></u>				
Average Temperature (F)					I	Average Temperature (F)				
	40/	00/	00/	00/	00/	Aug			1		
I otal Hours (%)	4%	0%	0%	0%	0%	I otal Hours (%	2				
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%))				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	70.8					Average Temperature (F)				
ar						Sep					
Total Hours (%)	11%	0%	0%	0%	0%	Total Hours (%)				
Hours With Any Cooling (%)						Hours With Any Cooling (%	Ś				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-	Ś				
Hours with Any Dehumid (%)						Hours with Any Dehumid (%	<u></u>				
Average Debumid Puntime Fraction (-)						Average Debumid Buntime Fraction (-	<u></u>				
Hours with For only (No cool or dehumid) (%)						Hours with Ean anty (No apol or dehumid) (9/	<u></u>				
Average For Only Runtime Fraction ()						Hours with Fan-Only (No cool of denumid) (%	2				
Average Fan-Only Runtime Fraction (-)	70.0					Average Fan-Only Runume Fraction (-	2				
Average Temperature (F)	70.9				I	Average Temperature (F)				
Tradition (0)	050/	40/	00/	00/	00/	Uct Table (%)	001	00/	00(00/	00/
I otal Hours (%)	25%	4%	0%	0%	0%	I otal Hours (%) 0%	0%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%))				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	73.9	75.0				Average Temperature (F)				
ау						Nov					
Total Hours (%)	95%	80%	35%	7%	0%	Total Hours (%) 0%	0%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-	Ś				
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or dehumid) (%	Ś				
Average Ean-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-	<u> </u>				
Average Temperature (E)	74.8	74.0	75.3	75.7		Average 1 an Only Runame Fraction (-)	<u></u>				
	74.0	74.5	75.5	75.7		Average remperature (r	/				
Total Hours (%)	05%	170/	0%	09/	0%	Total Hours (%)	0%	0%	0%	0%	0%
Hours With Any Cooling (%)	3378	47 /0	078	078	078	Hours With Any Cooling (%)	078	078	078	078	078
Hours with Any Cooling (%)						Hours with Any Cooling (%	<hr/>			1	
Avg. Cooling Runtime Fraction (-)					<u> </u>	Avg. Cooling Runtime Fraction (-	(<u> </u>				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%	2				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%))				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	75.4	75.8				Average Temperature (F) 71.4				

Table 133. Site 39 - Indoor RH Data by month and threshold level for 2002, 2003 (HIGHEST humidity in any space)

	Relative	Humidity Th	nreshold		2002, 2003	Relative Humidity Threshold					
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	
					Jul			1			
0%	0%	0%	0%	0%	I otal Hours (%)						
					Hours With Any Cooling (%)						
					Avg. Cooling Runtime Fraction (-)						
					Hours with Any Denumid. (%)						
					Average Denumid. Rumume Fraction (-)	-					
					Average Eap Only Ruptime Fraction ()						
					Average Fail-Only Runnine Flaction (-)						
				L	Average reinperature (F)						
2%	0%	0%	0%	0%	Total Hours (%)						
270	070	070	070	070	Hours With Any Cooling (%)						
					Ava Cooling Runtime Fraction (-)						
					Hours with Any Debumid (%)						
					Average Debumid, Puntime Fraction (-)						
					Hours with Ean only (No cool or dobumid) (%)						
					Average Eap-Only Runtime Eraction (-)						
72 /	72.0				Average Fail-Only Runnine Flaction (-)						
73.4	13.0				Average Temperature (F)						
2%	0%	0%	0%	0%	Total Hours (%)						
270	078	078	078	078	Hours With Any Cooling (%)						
					Ava Cooling Puntime Fraction ()						
					Avg. Cooling Runtime Flaction (-)						
					Average Debumid, Duptime Frection ()						
					Average Denumid. Rumume Fraction (-)	-					
					Average For Only Runtime Fraction ()						
70.4					Average Fan-Only Runume Fraction (-)						
12.1				l	Average reinperature (F)						
20%	2%	0%	0%	0%	Total Hours (%)	0%	0%	0%	0%	0%	
2070	270	070	070	070	Hours With Any Cooling (%)	070	070	070	070	070	
					Ava Cooling Runtime Fraction (-)						
					Hours with Any Debumid (%)						
					Average Debumid, Puntime Fraction (-)						
					Hours with Ean-only (No cool or dehumid) (%)						
					Average Eap-Only Puntime Fraction (-)						
73.0	74.2				Average Temperature (E)						
13.5	74.2				Nov						
94%	65%	24%	3%	0%	Total Hours (%)	1%	0%	0%	0%	0%	
0.470	0070	2470	570	0.10	Hours With Any Cooling (%)	170	070	070	570	0.70	
					Avg. Cooling Runtime Fraction (-)						
					Hours with Any Debumid (%)						
					Average Debumid, Runtime Fraction (-)						
					Hours with Ean-only (No cool or debumid) (%)						
					Average Ean-Only Runtime Fraction (-)						
73.6	73.8	74.3	75.1		Average Temperature (F)	73.0					
10.0	10.0	14.0	70.1	L	Dec	10.0					
93%	32%	8%	0%	0%	Total Hours (%)	0%	0%	0%	0%	0%	
0070	0270	070	070	0.10	Hours With Any Cooling (%)	070	070	070	570	0.70	
				<u> </u>	Avg. Cooling Runtime Fraction (-)						
					Hours with Any Dehumid (%)						
					Average Dehumid Runtime Fraction (-)						
				<u> </u>	Hours with Fan-only (No cool or dehumid) (%)						
					Average Fan-Only Runtime Fraction (-)						
74 1	74 2	74 8			Average Temperature (F)						
. 4.1	. 1.2	. 4.0	1	·	(i)						

Note: Average Runtime Fractions only include periods where the runtime is greater than zero.

2002, 2003

Total Hours (%)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Total Hours (%)

Total Hours (%)

Total Hours (%)

Total Hours (%)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Average Temperature (F)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-

Average Temperature (F)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-)

Average Temperature (F)

Month Jan

Feb

Mar

Apr

May

Jun
Table 134.	Site 39	- Indoor	RH Data	bv month	and thre	shold l	evel for	2002.	2003	(AVERAGE	of all s	paces)
				·· , ··· · · · · · ·				,				/

2002, 2003

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Total Hours (%) Hours With Any Cooling (%) Avg. Cooling Runtime Fraction (-) Hours with Any Dehumid. (%) Average Dehumid. Runtime Fraction (-) Hours with Fan-only (No cool or dehumid) (%) Average Fan-Only Runtime Fraction (-) Average Temperature (F)

Month

Jan

Feb

Mar

Apr

May

Jun

	Relative	Humidity Th	reshold		2002, 2003		Relative	Humidity Th	reshold	
Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
			1		Jul			1		
0%	0%	0%	0%	0%	Total Hours (%)					
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
					Average Temperature (F)					
00/	00/	00/	00/	00/	Aug					
0%	0%	0%	0%	0%	I otal Hours (%)					
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Denumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or denumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
					Average Temperature (F)					
00/	09/	00/	00/	09/	Sep					
0%	0%	0%	0%	0%	I Jawa With Any Casting (%)					
					Aug. Caping Buntime Fraction ()					
					Avg. Cooling Runtime Flaction (-)					
					Average Debumid, Buntime Fraction ()					
					Hours with Fon only (No one) or dehumid) (9()					
					Average Eap Only (No cool of denumic) (%)					
					Average Fair-Only Runnine Flaction (-)					
18%	2%	0%	0%	0%	Total Hours (%)	0%	0%	0%	0%	0%
1070	270	070	0,0	070	Hours With Any Cooling (%)	070	070	070	070	070
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid (%)					
					Average Debumid Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
73.6	74.0				Average Temperature (F)					
					Nov					
91%	58%	21%	2%	0%	Total Hours (%)	0%	0%	0%	0%	0%
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Dehumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
					Average Fan-Only Runtime Fraction (-)					
73.3	73.6	74.1	74.8		Average Temperature (F)	72.5				
			1		Dec			1		
82%	32%	3%	0%	0%	Total Hours (%)	0%	0%	0%	0%	0%
					Hours With Any Cooling (%)					
					Avg. Cooling Runtime Fraction (-)					
					Hours with Any Dehumid. (%)					
					Average Denumid. Runtime Fraction (-)					
					Hours with Fan-only (No cool or dehumid) (%)					
70 7	70.0	74.0			Average Fan-Only Runtime Fraction (-)					
/3.7	73.9	/4.9			Average Temperature (F)					

Table 135. Site 40 - Indoor RH Data by month and threshold level for 2004, 2005 (HIGHEST humidity in any space)

2004, 2005	Relative Humidity Threshold								
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%				
Jul									
Total Hours (%)	91%	8%	0%	0%	0%				
Hours With Any Cooling (%)									
Avg. Cooling Runtime Fraction (-)									
Hours with Any Dehumid. (%)									
Average Dehumid. Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)									
Average Fan-Only Runtime Fraction (-)									
Average Temperature (F)	77.7	77.8	77.3						
Aug	1000/								
Total Hours (%)	100%	19%	3%	0%	0%				
Hours With Any Cooling (%)									
Avg. Cooling Runtime Fraction (-)									
Hours with Any Dehumid. (%)									
Average Dehumid. Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)									
Average Fan-Only Runtime Fraction (-)	77.0	77.0	70.4	77.0					
Average Temperature (F)	77.0	11.2	79.1	11.3					
Sep Total Hours (%)	100%	76%	25%	5%	0%				
Hours With Any Cooling (%)	0%	0%	2070	070	070				
Avg. Cooling Runtime Fraction (-)	0.23	0.23							
Hours with Any Debumid (%)	0.25	0.20							
Average Debumid Runtime Fraction (-)	1.00	1.00							
Hours with Fan-only (No cool or dehumid) (%)	0%	0%							
Average Ean-Only Runtime Fraction (-)	070	070							
Average Temperature (F)	76.4	76.6	76.7	78.2	77.3				
Oct				-					
Total Hours (%)	48%	12%	2%	0%	0%				
Hours With Any Cooling (%)									
Avg. Cooling Runtime Fraction (-)									
Hours with Any Dehumid. (%)									
Average Dehumid. Runtime Fraction (-)									
Hours with Fan-only (No cool or dehumid) (%)									
Average Fan-Only Runtime Fraction (-)									
Average Temperature (F)	76.4	76.6	77.1	77.3					
Nov									
Total Hours (%)	48%	2%	0%	0%	0%				
Hours With Any Cooling (%)		0%							
Avg. Cooling Runtime Fraction (-)	0.23								
Hours with Any Dehumid. (%)	8%	0%							
Average Dehumid. Runtime Fraction (-)	0.98								
Hours with Fan-only (No cool or denumid) (%)	1%	6%							
Average Fan-Only Runtime Fraction (-)	0.16	0.03							
Average Temperature (F)	74.3	74.2							
Total Hours (0/)	/10/	A0/	∩0/	00/	∩0/				
Hours With Any Cooling (%)	41%	4%	0%	0%	0%				
Ava Cooling Runtime Fraction (-)	0%	0%							
Hours with Any Debumid (%)	0.03	20/_							
Average Debumid Runtime Fraction (-)	0.03	1 00							
Hours with Fan-only (No cool or debumid) (%)	1%	0%							
Average Fan-Only Runtime Fraction (-)	0.29	578							
Average Temperature (F)	71.5	72.5	72.5						

2004, 2005		Relative	Humidity Th	nreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lan					
Total Hours (%)	50%	12%	0%	0%	0%
Hours With Any Cooling (%)	0%	0%	0%	0%	070
Ava. Cooling Runtime Fraction (-)	0,0	070	070	0,0	
Hours with Any Dehumid. (%)	24%	13%	0%	0%	
Average Dehumid. Runtime Fraction (-)	0.99	0.94			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%	0%	
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.7	71.3	72.1	72.5	
Feb		1			1
Total Hours (%)	46%	5%	0%	0%	0%
Hours With Any Cooling (%)	0%	0%			
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	7%	22%			
Average Dehumid. Runtime Fraction (-)	1.00	1.00			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)	74.0	70.0			
Average Temperature (F)	71.9	72.2			
Mar Total Hours (%)					
Hours With Any Cooling (%)					
Ava Cooling Runtime Fraction (-)					
Hours with Any Debumid (%)	-				
Average Debumid Runtime Fraction (-)					
Hours with Ean-only (No cool or debumid) (%)					
Average Ean-Only Runtime Fraction (-)	-				
Average Temperature (F)					
Apr		1	1	1	1
Total Hours (%)	78%	6%	2%	2%	1%
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	74.7	75.1	74.9	74.9	75.2
May					
Total Hours (%)	62%	8%	0%	0%	0%
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Denumid. (%)					
Average Denumid. Runtime Fraction (-)					
Average Eap Only Buntime Fraction ()					
Average Fall-Only Runtime Flaction (-)	77 1	77.6	75.9		
Jun		11.0	10.0		
Total Hours (%)	90%	16%	0%	0%	0%
Hours With Any Cooling (%)		1070	070	0,0	0,0
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					

 Average Temperature (F)
 78.3
 78.3

 Note: Average Runtime Fractions only include periods where the runtime is greater than zero.
 78.3
 78.3

|--|

		2004, 2005		Relative	Humidity Th	reshold	
6 A	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
		Jul					
6	0%	Total Hours (%)	47%	0%	0%	0%	0%
		Hours With Any Cooling (%)					
		Avg. Cooling Runtime Fraction (-)					
		Hours with Any Dehumid. (%)					
		Average Dehumid. Runtime Fraction (-)					
		Hours with Fan-only (No cool or dehumid) (%)					
		Average Fan-Only Runtime Fraction (-)					
		Average Temperature (F)	76.7	78.2			
		Aug		=0/			
6	0%	Total Hours (%)	94%	5%	2%	0%	0%
		Hours With Any Cooling (%)					
		Avg. Cooling Runtime Fraction (-)					
_		Hours with Any Dehumid. (%)					
_		Average Denumid. Runtime Fraction (-)					
_		Hours with Fan-only (No cool of denumid) (%)					
-		Average Fan-Only Runtime Flaction (-)	75.0	77 1	70.0		
		Average Temperature (F)	75.9	77.1	79.0		
T		Total Hours (%)	99%	46%	8%	2%	0%
		Hours With Any Cooling (%)	0%	-10%	070	270	070
		Avg. Cooling Runtime Fraction (-)	0.23	0.23			
		Hours with Any Dehumid (%)	0%	0%			
		Average Dehumid, Runtime Fraction (-)	1.00	1.00			
		Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
		Average Fan-Only Runtime Fraction (-)					
		Average Temperature (F)	75.5	76.0	77.0	78.3	
-		Oct					
6	0%	Total Hours (%)	37%	4%	0%	0%	0%
		Hours With Any Cooling (%)					
		Avg. Cooling Runtime Fraction (-)					
_		Hours with Any Dehumid. (%)					
		Average Dehumid. Runtime Fraction (-)					
_		Hours with Fan-only (No cool or denumid) (%)					
2		Average Fan-Only Runtime Fraction (-)	75.0	75.9	76.0		
2		Nov	75.9	75.0	70.2		
6	0%	Total Hours (%)	34%	1%	0%	0%	0%
-	070	Hours With Any Cooling (%)	1%	0%	070	070	070
		Avg. Cooling Runtime Fraction (-)	0.11	670			
		Hours with Any Dehumid. (%)	4%	0%			
		Average Dehumid. Runtime Fraction (-)	0.97				
		Hours with Fan-only (No cool or dehumid) (%)	2%	0%			
		Average Fan-Only Runtime Fraction (-)	0.17				
		Average Temperature (F)	74.0	75.1			
		Dec					
6	0%	Total Hours (%)	31%	1%	0%	0%	0%
	-	Hours With Any Cooling (%)	0%	0%	-	-	
		Avg. Cooling Runtime Fraction (-)	0.83				
		Hours with Any Dehumid. (%)	10%	0%			
		Average Dehumid. Runtime Fraction (-)	0.94				
_		Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
_		Average Fan-Only Runtime Fraction (-)	0.09	70 -	70 -		
		Average Temperature (F)	71.0	73.5	72.5		

2004, 2005		Relative	Humidity Tl	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan					
Total Hours (%)	43%	7%	0%	0%	0%
Hours With Any Cooling (%)	0%	0%	0%		
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	24%	8%	0%		
Average Dehumid. Runtime Fraction (-)	0.99	0.84			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%	0%		
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	72.2	70.7	72.1		
Feb					
Total Hours (%)	44%	4%	0%	0%	0%
Hours With Any Cooling (%)	0%	0%			
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)	7%	17%			
Average Dehumid. Runtime Fraction (-)	1.00	1.00			
Hours with Fan-only (No cool or dehumid) (%)	0%	0%			
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)	71.6	71.9			
Mar		1		1	
I otal Hours (%)					
Hours With Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)					
Average Temperature (F)					
Apr	050/	00/	40/	40/	
I otal Hours (%)	25%	2%	1%	1%	0%
Hours with Any Cooling (%)					
Avg. Cooling Runtime Fraction (-)					
Hours with Any Dehumid. (%)					
Average Dehumid. Runtime Fraction (-)					
Hours with Fan-only (No cool or dehumid) (%)					
Average Fan-Only Runtime Fraction (-)	70.0	74.0	75.0	75.0	
Average Temperature (F)	73.8	/4.8	75.2	75.2	
Total Hours (%)	220/	0%	<u>^0/</u>	0%	00/
Hours With Apy Cooling (%)	2370	0%	0%	0%	070
Ava Cooling Puntime Fraction ()					
Avg. Cooling Runtime Flaction (-)					
Average Debumid Duptime Freetien ()					
Average Denumic. Runtime Fraction (-)					
Hours with Pan-only (No cool of denumid) (%)					
Average Fan-Only Runtime Fraction (-)	76.1				
Average Temperature (F)	70.1				
Total Hours (%)	57%	0%	0%	0%	0%
Hours With Any Cooling (%)	5176	0%	078	0%	070
Ava Cooling Puntime Erection ()					
Hours with Any Dohumid (9)					
Average Debumid Puntime Fraction ()					
Average Denumiu. Rumume FidCtion (-)					
Average Ean-Only (NO COOL of denumid) (%)					
Average Fan-Only Runnine Fraction (-)	70.0				

 Average Temperature (F)
 76.6

 Note: Average Runtime Fractions only include periods where the runtime is greater than zero.

2003		Relative H	lumidity Tł	hreshold		2003		Relative	Humidity T	nreshold	
Month	Above 50%	Above 55% A	bove 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lan						Let .					
Jan Total Hours (%	, <u> </u>			1		Jui Total Hours (%	100%	100%	01%	58%	28%
Hours With Any Cooling (%	(— ———————————————————————————————————					Hours With Any Cooling (%) 100%	100%	9170	56%	207
Ava Cooling Runtime Fraction (-	(Avg. Cooling Runtime Fraction (-	<u></u>				
Hours with Any Dehumid (%	ý – – – – – – – – – – – – – – – – – – –					Hours with Any Debumid (%	<u></u>				-
Average Debumid Runtime Fraction (-	ý –					Average Debumid, Runtime Fraction (-	·)				
Hours with Ean-only (No cool or dehumid) (%	ý l					Hours with Ean-only (No cool or dehumid) (%	.)				
Average Fan-Only Runtime Fraction (-	ý l					Average Fan-Only Runtime Fraction (-	ý –				
Average Temperature (F	j l					Average Temperature (F	76.2	76.2	76.4	76.5	76
Feb	-	1			<u> </u>	Aug	/ / / 0.2	10.2			
Total Hours (%)					Total Hours (%) 100%	99%	38%	0%	0%
Hours With Any Cooling (%						Hours With Any Cooling (%	.)				
Ava, Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	.) .)				1
Hours with Any Dehumid. (%						Hours with Any Dehumid. (%	ý.				-
Average Dehumid, Runtime Fraction (-)					Average Dehumid, Runtime Fraction (-	.) .)				1
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%	, .)				1
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-	.)				
Average Temperature (F)					Average Temperature (F) 77.6	77.7	80.4	85.8	ا
Mar	1	11			·	Sep	/				J
Total Hours (%)					Total Hours (%) 100%	98%	60%	21%	10%
Hours With Any Cooling (%)					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	·)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%	,)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-	·)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%	,)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-	.)				
Average Temperature (F)					Average Temperature (F) 73.8	73.9	74.2	72.7	71.8
Apr						Oct					
Total Hours (%)					Total Hours (%	J) 100%	83%	48%	8%	, 3%
Hours With Any Cooling (%)					Hours With Any Cooling (%	,)				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	·)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%	,)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-	·)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%	,)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-	·)				
Average Temperature (F)					Average Temperature (F) 71.2	71.7	72.0	71.3	69.9
Мау				ir.		Nov			r.		
Total Hours (%)) 100%	100%	99%	85%	46%	Total Hours (%)				
Hours With Any Cooling (%)					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F) 71.0	71.0	71.0	71.2	71.4	Average Temperature (F)				
Jun		[]				Dec			1		7
Total Hours (%) 100%	100%	100%	94%	67%	Total Hours (%	.)				
Hours With Any Cooling (%	/					Hours With Any Cooling (%	.)				
Avg. Cooling Runtime Fraction (-	/					Avg. Cooling Runtime Fraction (-)				-
Hours with Any Dehumid. (%	/					Hours with Any Dehumid. (%	2			<u> </u>	
Average Dehumid. Runtime Fraction (-	/					Average Dehumid. Runtime Fraction (-)				-
Hours with Fan-only (No cool or dehumid) (%	/					Hours with Fan-only (No cool or dehumid) (%	2				
Average Fan-Only Runtime Fraction (-	/					Average Fan-Only Runtime Fraction (-)			<u> </u>	-
Average Temperature (F	72.6	72.6	72.6	72.8	73.0	Average Temperature (F)			L	

Table 137. Site 41 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

2003		Relative H	umidity Th	reshold		2003	Relative Humidity		Humidity Tl	ty Threshold	
Month	Above 50%	Above 55% A	bove 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
Jan						Jul					
Total Hours (%)					Total Hours (%)	100%	98%	72%	30%	6%
Hours With Any Cooling (%	ý					Hours With Any Cooling (%					
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-					
Hours with Any Dehumid. (%	ý					Hours with Any Dehumid. (%					
Average Dehumid. Runtime Fraction (-	ý					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)					Average Temperature (F	74.4	74.4	74.6	74.6	74.1
Feb						Aug					-
Total Hours (%)					Total Hours (%)	100%	87%	15%	0%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%))				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%))				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%))				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)					Average Temperature (F	76.4	76.8	82.3		
Mar						Sep					-
Total Hours (%)					Total Hours (%)	100%	96%	44%	5%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%))				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%))				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%))				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)					Average Temperature (F	73.0	73.1	73.3	72.2	
Apr						Oct					
Total Hours (%)					Total Hours (%)	99%	79%	37%	3%	0%
Hours With Any Cooling (%)					Hours With Any Cooling (%))				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-))				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%))				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-))				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%))				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-))				
Average Temperature (F)					Average Temperature (F)	70.8	71.2	71.7	70.7	L
Мау		r				Nov					
Total Hours (%)) 100%	100%	96%	75%	30%	Total Hours (%))				
Hours With Any Cooling (%)					Hours With Any Cooling (%))				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-))				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%))				
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-))				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%))				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-))				
Average Temperature (F) 70.0	70.0	70.0	70.1	70.3	Average Temperature (F))				1
Jun						Dec					*
Total Hours (%)) 100%	100%	99%	84%	44%	Total Hours (%))				
Hours With Any Cooling (%))					Hours With Any Cooling (%))				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-))				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%))				l
Average Dehumid. Runtime Fraction (-)					Average Dehumid. Runtime Fraction (-))				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%))				l
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-))				L
Average Temperature (F) 71.4	71.4	71.4	71.6	71.7	Average Temperature (F))				<u> </u>

Table 138. Site 41 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

2003		Relative	Humidity T	hreshold		2003		Relative	Humidity T	hreshold	
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65% A	bove 70%
lan						tul					
Total Hours (%)	\					Jui Total Hours (%	100%	100%	97%	54%	6%
Hours With Any Cooling (%)						Hours With Any Cooling (%)) 100 / 0	10070	5170	3470	
Avg. Cooling Runtime Fraction (-)	1					Avg. Cooling Runtime Fraction (-	í –				
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%	Ś				
Average Dehumid, Runtime Fraction (-)					Average Dehumid, Runtime Fraction (-	Ś				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F))					Average Temperature (F) 80.5	80.5	80.5	80.5	81.0
Feb	1					Aug	1				
Total Hours (%))					Total Hours (%)) 100%	100%	85%	25%	6%
Hours With Any Cooling (%))					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-))					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F))					Average Temperature (F) 81.0	81.0	81.2	81.3	81.3
Mar						Sep					
Total Hours (%))					Total Hours (%) 100%	97%	80%	46%	119
Hours With Any Cooling (%))					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%))					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-))					Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)	/					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	1					Average Temperature (F) 78.9	79.0	79.5	80.3	80.
Apr		1	1	1		Oct					
Total Hours (%)	/					Total Hours (%) 83%	63%	28%	13%	3%
Hours With Any Cooling (%)	/					Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-	!					Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)	<u>/</u>					Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)	! <u> </u>					Average Dehumid. Runtime Fraction (-)				_
Hours with Fan-only (No cool or dehumid) (%)	<u>/</u>					Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)	<u>'</u>					Average Fan-Only Runtime Fraction (-)	75.4	75 5	70.4	70
Average Temperature (F)	4				I	Average Temperature (F) 75.1	75.4	/5.5	76.1	76.
May	100%	1009/	00%	EE0/	110/	Nov) 020/	600/	440/	00/	00
Hours With Any Cooling (%)	100%	100%	99%	55%	1170	Hours With Any Cooling (%) 92%	02%	41%	0%	07
Avg. Cooling Puntimo Erostion ((Ava Cooling Puptime Fraction ((<u> </u>	
Avg. Cooling Runnine Fraction (-)	(Avg. Cooling Runnine Fraction (-	(<u> </u>				
Average Debumid Buntime Fraction (-)	(<u> </u>					Average Dehumid, Runtime Fraction (-	(+	
Hours with Ean only (No cool or dobumid) (%)	(Average Denumic. Rumine Fraction (-	()			+	
Average Eap-Only Puntime Eraction (-)	(<u> </u>					Average Eap-Only Ruptime Fraction (-	(+	-
	77.0	77.0	77.0	76.8	77.2		75.0	75.7	76.4		
lun	11.0	11.0	11.0	70.0	11.2	Dec	/ /3.0	15.1	70.4		
Total Hours (%)	100%	100%	100%	82%	29%	Total Hours (%)	\				
Hours With Any Cooling (%)	10070	10070	10070	0270	2070	Hours With Any Cooling (%	<u></u>			+	
Avg. Cooling Runtime Fraction (-)	1					Avg. Cooling Runtime Fraction (-	<u>.</u>				
Hours with Any Debumid (%)	\				<u> </u>]	Hours with Any Dehumid (%	í —			+	
Average Debumid Runtime Fraction (-)	1				<u> </u>]	Average Dehumid Runtime Fraction (-	í —			+	
Hours with Ean-only (No cool or dehumid) (%)	\				+	Hours with Fan-only (No cool or dehumid) (%	ú – – – – – – – – – – – – – – – – – – –			+	-
Average Fan-Only Runtime Fraction (-)	1				+	Average Fan-Only Runtime Fraction (-	ί <u> </u>			<u>├</u>	-
Average Temperature (F)	78 5	78 5	78 5	78 7	79.2	Average Temperature (F	í –			<u>├</u>	-
	, 0.5	, 0.5	, 0.0	10.1	10.2		4	1			

Table 139. Site 42 - Indoor RH Data by month and threshold level for 2003 (HIGHEST humidity in any space)

2003		Relative	e Humidity T	hreshold		2003		Relative	Humidity Tl	nreshold	-
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
lan						lut					
Total Hours (%))					Total Hours (%)	100%	100%	90%	28%	0%
Hours With Any Cooling (%))					Hours With Any Cooling (%)	10070	0070	2070	0,0
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-	Ś				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%	Ś				
Average Dehumid, Runtime Fraction (-)					Average Dehumid, Runtime Fraction (-	ý –				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%	í –				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-)				
Average Temperature (F))					Average Temperature (F	78.9	78.9	78.9	79.0	78.4
Feb			1	1		Aug	/			1	
Total Hours (%))					Total Hours (%) 100%	99%	62%	11%	2%
Hours With Any Cooling (%))					Hours With Any Cooling (%	ý				
Avg. Cooling Runtime Fraction (-)					Avg. Cooling Runtime Fraction (-	ý				
Hours with Any Dehumid. (%)					Hours with Any Dehumid. (%	ý				
Average Dehumid, Runtime Fraction (-)					Average Dehumid, Runtime Fraction (-	ý				
Hours with Fan-only (No cool or dehumid) (%)					Hours with Fan-only (No cool or dehumid) (%	í –				
Average Fan-Only Runtime Fraction (-)					Average Fan-Only Runtime Fraction (-	ý –				
Average Temperature (F))					Average Temperature (F	79.3	79.3	79.5	79.4	79.9
Mar					1	Sep	,				
Total Hours (%))					Total Hours (%) 100%	93%	72%	30%	3%
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-	Ś				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%	Ś				
Average Dehumid, Runtime Fraction (-)	ś.					Average Dehumid, Runtime Fraction (-	í –				
Hours with Fan-only (No cool or dehumid) (%)	<u>)</u>					Hours with Ean-only (No cool or dehumid) (%	í –				
Average Fan-Only Runtime Fraction (-	Ś					Average Fan-Only Runtime Fraction (-	í –				
Average Temperature (F)	<u>,</u>					Average Temperature (F	77 6	77.8	78.0	78 7	78.8
Apr			1	1		Oct	/				
Total Hours (%))					Total Hours (%	81%	55%	26%	12%	3%
Hours With Any Cooling (%)						Hours With Any Cooling (%	ý				
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-	ý –				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%	Ś				
Average Dehumid, Runtime Fraction (-))					Average Dehumid, Runtime Fraction (-	Ś				
Hours with Fan-only (No cool or dehumid) (%))					Hours with Fan-only (No cool or dehumid) (%	Ś				
Average Fan-Only Runtime Fraction (-)	ś.					Average Fan-Only Runtime Fraction (-	í –				
Average Temperature (F))					Average Temperature (F	75.0	75.3	75.4	76.0	76.6
May						Nov	,				
Total Hours (%)) 100%	100%	93%	34%	1%	Total Hours (%) 90%	60%	26%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-))					Avg. Cooling Runtime Fraction (-	Ś				
Hours with Any Dehumid (%))					Hours with Any Dehumid (%	ý				
Average Dehumid Runtime Fraction (-)	Ś					Average Dehumid Runtime Fraction (-	í –				
Hours with Fan-only (No cool or dehumid) (%))					Hours with Ean-only (No cool or dehumid) (%	í –				
Average Fan-Only Runtime Fraction (-)	ý –					Average Fan-Only Runtime Fraction (-	<u> </u>				
Average Temperature (F)	75.6	75.6	75.6	75.4	76.3	Average Temperature (F	74.8	75.5	76.7		
Jun	. 0.0	1010	10.0		1010	Dec	,	1010		I	
Total Hours (%)	100%	100%	98%	64%	13%	Total Hours (%)					
Hours With Any Cooling (%)	10070		0070	0170		Hours With Any Cooling (%)	<u> </u>				
Avg. Cooling Runtime Fraction (-)	ί.					Avg. Cooling Runtime Fraction (-	(
Hours with Any Dehumid (%)	Ś.		1	1		Hours with Any Debumid (%	í –				
Average Debumid, Runtime Fraction (-)	í –				<u> </u>	Average Debumid Runtime Fraction (-	ζ <u> </u>				<u> </u>
Hours with Fan-only (No cool or deburgid) (%)	1					Hours with Fan-only (No cool or dehumid) (%	í –				
Average Ean-Only Runtime Fraction (-)	(† – – – – – – – – – – – – – – – – – – –				<u> </u>	Average Fan-Only Runtime Fraction (-	(— — — — — — — — — — — — — — — — — — —				
	77.0	77.0	77 1	77 3	78.1	Average Temperature (F	(— — — — — — — — — — — — — — — — — — —				
Average reinperature (F)	/ //.0	11.0	1 11.1	(1.2	. 70.1	Average remperature (F	/				

Table 140. Site 42 - Indoor RH Data by month and threshold level for 2003 (AVERAGE of all spaces)

Table 141. Site 43 - Indoor RH Data by month and threshold level for 2003, 2004 (HIGHEST humidity in any space)

2003, 2004	Relative Humidity Threshold									
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%					
Jul										
Total Hours (%)										
Hours With Any Cooling (%)										
Avg. Cooling Runtime Fraction (-)										
Hours with Any Dehumid. (%)										
Average Dehumid. Runtime Fraction (-)										
Hours with Fan-only (No cool or dehumid) (%)					L					
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)										
Aug			1							
Total Hours (%)					ļ					
Hours With Any Cooling (%)										
Avg. Cooling Runtime Fraction (-)										
Hours with Any Dehumid. (%)					<u> </u>					
Average Dehumid. Runtime Fraction (-)										
Hours with Fan-only (No cool or dehumid) (%)										
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)					L					
Sep										
Hours With Any Cooling (%)										
Ava Cooling Puptime Fraction ()										
Avg. Cooling Runtime Flaction (-)										
Average Debumid Runtime Fraction (-)										
Hours with Ean-only (No cool or debumid) (%)										
Average Ean-Only Runtime Fraction (-)										
Average Temperature (F)										
Oct										
Total Hours (%)	100%	41%	14%	0%	0%					
Hours With Any Cooling (%)										
Avg. Cooling Runtime Fraction (-)										
Hours with Any Dehumid. (%)										
Average Dehumid. Runtime Fraction (-)										
Hours with Fan-only (No cool or dehumid) (%)										
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)	70.3	73.2	74.5							
Nov										
Total Hours (%)	63%	38%	24%	13%	5%					
Hours With Any Cooling (%)										
Avg. Cooling Runtime Fraction (-)										
Hours with Any Dehumid. (%)					l					
Average Denumid. Runtime Fraction (-)										
Hours with Fan-only (No cool or denumid) (%)										
Average Fan-Only Runtime Fraction (-)	70.6	71.0	71.0	70.4	70.1					
Average Temperature (F)	70.6	71.3	71.8	72.1	73.1					
	10/	0%	00/	0%	00/					
Hours With Any Cooling (%)	4%	0%	0%	0%	0%					
Ava Cooling Runtime Fraction (-)					1					
Houre with Any Dehumid (%)										
Average Debumid Runtime Fraction (-)										
Hours with Fan-only (No cool or debumid) (%)					1					
Average Fan-Only Runtime Fraction (-)										
Average Temperature (F)	71 2	71 4	71 1		[

2003, 2004	Relative Humidity Threshold							
Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%			
lan								
Total Hours (%)	8%	1%	0%	0%	0%			
Hours With Any Cooling (%)	070	170	070	070	070			
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)	70.4	70.7	71.1	71.1	71.1			
Feb								
Total Hours (%)	1%	0%	0%	0%	0%			
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)	72.5	72.9	73.8					
Mar	450/	000/	000/	400/	10/			
I otal Hours (%)	45%	33%	20%	10%	1%			
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Denumid. (%)								
Average Denumid. Runtime Fraction (-)								
Hours with Fan-only (No cool of denumid) (%)								
Average Fan-Only Runtime Fraction (-)	71.0	72.0	70.0	72.5	72.2			
Average Temperature (F)	71.0	72.0	12.3	12.5	13.2			
Total Hours (%)	67%	21%	1%	0%	0%			
Hours With Any Cooling (%)	0170	2.70	. , 0	070	0,0			
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)	70.9	71.1	73.2					
May								
Total Hours (%)								
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)								
Average Temperature (F)								
Jun		1		1				
Total Hours (%)								
Hours With Any Cooling (%)								
Avg. Cooling Runtime Fraction (-)								
Hours with Any Dehumid. (%)								
Average Dehumid. Runtime Fraction (-)								
Hours with Fan-only (No cool or dehumid) (%)								
Average Fan-Only Runtime Fraction (-)	ļ							

 Average Temperature (F)
 Image: Construct of the second secon

2003, 2004	Relative Humidity Threshold		2003, 2004	Relative Humidity Threshold							
onth	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%	Month	Above 50%	Above 55%	Above 60%	Above 65%	Above 70%
n						Jul		1			
Total Hours (%)	6%	0%	0%	0%	0%	Total Hours (%)				
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%	2				
Average Denumid. Runtime Fraction (-)						Average Denumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or denumid) (%)						Hours with Fan-only (No cool of denumid) (%	<u></u>				
Average Fan-Only Runnie Flaction (-)	60.7	70.2	70.2			Average Fan-Only Runtime Fraction (-	<u></u>				
Average remperature (F)	09.7	70.2	70.2			Average Temperature (F)				
D Total Hours (%)	1%	0%	0%	0%	0%	Total Hours (%		1	I I		
Hours With Any Cooling (%)	1 70	078	078	078	078	Hours With Any Cooling (%	· · · · · · · · · · · · · · · · · · ·				
Ava Cooling Runtime Fraction (-)						Ava, Cooling Runtime Fraction ((
Hours with Any Debumid (%)						Hours with Any Deburgid (%	· · · · · · · · · · · · · · · · · · ·				
Average Debumid Runtime Fraction (-)						Average Debumid Runtime Fraction ((
Hours with Ean-only (No cool or dehumid) (%)						Hours with Ean-only (No cool or dehumid) (%					
Average Ean-Only Runtime Fraction (-)						Average Ean-Only Runtime Fraction ((
Average Tan Only Rename Traction (-)	72.5	73 7									
ar	12.5	10.1				Sen	,				
Total Hours (%)	42%	30%	18%	8%	0%	Total Hours (%)	1			
Hours With Any Cooling (%)	1270	0070	1070	070	070	Hours With Any Cooling (%	<u> </u>				
Ava Cooling Runtime Fraction (-)						Avg. Cooling Runtime Eraction (-	<u> </u>				
Hours with Any Dehumid (%)						Hours with Any Dehumid (%	í –				
Average Dehumid, Runtime Fraction (-)						Average Dehumid, Runtime Fraction (-	Ś				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%	Ś				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-	Ś				
Average Temperature (F)	71.2	71.4	71.9	72.2	72.6	Average Temperature (F	Ś				
or						Oct	/		11	I	
Total Hours (%)	62%	10%	1%	0%	0%	Total Hours (%) 97%	34%	3%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-	ý				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)	70.4	71.6	72.8			Average Temperature (F) 69.5	72.5	72.9		
ау						Nov					
Total Hours (%)						Total Hours (%) 61%	35%	22%	11%	5%
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%)				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-)				
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%)				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (-)				
Average Temperature (F)						Average Temperature (F) 70.2	70.9	71.4	72.0	72.7
n						Dec		ir.			
Total Hours (%)						Total Hours (%) 3%	0%	0%	0%	0%
Hours With Any Cooling (%)						Hours With Any Cooling (%)				
Avg. Cooling Runtime Fraction (-)						Avg. Cooling Runtime Fraction (-)				
Hours with Any Dehumid. (%)						Hours with Any Dehumid. (%	2				
Average Dehumid. Runtime Fraction (-)						Average Dehumid. Runtime Fraction (-	2		├ ───- ├		
Hours with Fan-only (No cool or dehumid) (%)						Hours with Fan-only (No cool or dehumid) (%	2				
Average Fan-Only Runtime Fraction (-)						Average Fan-Only Runtime Fraction (2				
Average Temperature (F)						Average Temperature (F) 70.6	70.7			

Table 142. Site 43 - Indoor RH Data by month and threshold level for 2003, 2004 (AVERAGE of all spaces)

Month Jan

Feb

Mar

Apr

May

Jun

Appendix C Figures













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Site 1 Humidity Histograms









Site 1: Periods with RH over 65%



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Site 2 - Relative Humidity







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Site 2 Humidity Histograms






Site 2: Periods with RH over 65%

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Site 3 - Humidity Ratio



Site 3 - Relative Humidity















Site 3 Humidity Histograms









Site 4 - Relative Humidity









Site 4 - Dehumidification Runtime





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Site 4 Humidity Histograms







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Site 5 - Relative Humidity














Site 5 Humidity Histograms





















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Site 7 - Humidity Ratio



Site 7 - Relative Humidity









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Site 7 Humidity Histograms











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Site 8 - Relative Humidity











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Site 8 Humidity Histograms





Site 8: Periods with RH over 65%


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Site 9 - Relative Humidity











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Site 9 Humidity Histograms









Site 9: Periods with RH over 65%



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Site 10 - Humidity Ratio





Site 10 - Relative Humidity











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Site 10 Humidity Histograms









Site 11 - Relative Humidity












Site 11 Humidity Histograms

















Site 12 - Relative Humidity









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Site 12 Humidity Histograms













Site 13 - Relative Humidity













Site 13 Humidity Histograms













Site 14 - Relative Humidity














Site 14 - Humidity Ratio Levels

Site 14 Humidity Histograms







Site 14: Periods with RH over 65%



Site 15 - Temperature 85 MIDDLE-LEFT BEDROOM **REAR-LEFT BEDROOM** MASTER BEDROOM THERMOSTAT 80 **AMBIENT TEMPERATURE** Daily Avg Temperature (F) 75 70 65 60 Q1 2002 Q1 2001 Q2 Q3 Q4 Q2 Q3 Q4



Site 15 - Humidity Ratio



Site 15 - Relative Humidity













Site 15 Humidity Histograms















Site 16 - Humidity Ratio



Site 16 - Relative Humidity













Site 16 Humidity Histograms











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Site 17 - Relative Humidity













Site 17 Humidity Histograms











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Site 18 - Humidity Ratio



Site 18 - Relative Humidity













Site 18 Humidity Histograms











Site 19 - Relative Humidity







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Site 19 Humidity Histograms














Site 20 - Humidity Ratio



Site 20 - Relative Humidity







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Site 20 Humidity Histograms

























Site 22 - Temperature





Site 22 - Relative Humidity



















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Site 25 - Relative Humidity



Daily Temperature Difference - Site 25













Site 25 Humidity Histograms





Site 25: Periods with RH over 65%



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Site 26 - Humidity Ratio



Site 26 - Relative Humidity









Site 26 Humidity Histograms

















Site 27 Humidity Histograms







Site 28 - Humidity Ratio



Site 28 - Relative Humidity






Site 28 Humidity Histograms





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Site 29 Humidity Histograms









Site 30 - Humidity Ratio



Site 30 - Relative Humidity









Site 30 Humidity Histograms















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Site 31 Humidity Histograms


























Site 32 Humidity Histograms













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Site 33 Humidity Histograms







Site 34 - Humidity Ratio



Site 34 - Relative Humidity









Site 34 Humidity Histograms

















Site 35 Humidity Histograms




Site 35: Periods with RH over 65%

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Site 36 - Humidity Ratio Levels

Site 36 Humidity Histograms









Site 37 - Relative Humidity









Site 37 Humidity Histograms









Site 38 - Relative Humidity







Site 38 Humidity Histograms











Site 39 - Humidity Ratio



Site 39 - Relative Humidity









Site 39 Humidity Histograms
















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Site 40 Humidity Histograms





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