## ATLANTA HARTSFIELD-JACKSON, GA, USA

WMO: **722190** 

Lat: <b>33.630N</b>		Lon: <b>84</b>	1.442W	Elev: 1010 StdP: 14.17				Time Zone: -5.00 (NAE)				Period: <b>94-19</b>		WE	WBAN: <b>13874</b>	
				tilation Design Conditions					111116 201160.00 (NAL)			1 Cilou. <b>37-13</b>		WDAN. 13074		
	T					P/MCDB and HR			Coldest Month WS/MCD			)B	MCWS	S/PCWD		
Month		ng DB		99.6%			99%			4%		1%		.6% DB	WSF	
	99.6%	99%	DP	HR	MCDB	DP	HR	MCDB	WS	MCDB	WS	MCDB	MCWS	PCWD	L.,	
(a) <b>1</b>	(b) <b>21.7</b>	(c) <b>26.4</b>	(d) <b>4.7</b>	(e) <b>7.3</b>	28.5	(g) <b>8.9</b>	(h) <b>9.0</b>	(i) <b>31.7</b>	(j) <b>25.3</b>	(k) <b>37.7</b>	23.6	(m) <b>37.8</b>	(n) <b>12.0</b>	(o) <b>320</b>	(p) <b>0.427</b>	
					esign Cond		3.0	31.7	20.0	37.1	20.0	37.0	12.0	320	0.421	
Allilual C		numumca	iion, and E			ILIONS		1		<u> </u>	- MAD IMAGE			1401410	(DOLLID	
Hottest	Hottest Month	0.4	4%	Cooling DB/MCWB		2%		0.	4%	Evaporation 1	1 WB/MCDE %		2%	MCWS	MPCWD 1% DB	
Month DB Rang			MCWB	DB	MCWB	DB	MCWB	WB	MCDB	WB	MCDB	WB	MCDB	MCWS	PCWD	
( <u>a</u> )	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(0)	(p)	
7	16.5	93.7	73.8	91.6	73.6	89.7	73.3	77.2	88.1	76.3	86.4	75.3	84.8	8.6	330	
	- 10/	[	Dehumidific		ICDB and H	R	20/			10/		y/MCDB		.01	Extreme	
DP	0.4% HR	MCDB	DP	1% HR	MCDB	DP	2% HR	MCDB	Enth	4% MCDB	Enth	% MCDB	Enth	.% MCDB	Max WB	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(0)	(p)	
74.2	132.6	81.0	73.3	128.5	80.4	72.5	125.0	79.8	41.1	88.1	40.2	86.6	39.4	85.3	81.5	
Extreme	Annual Des	sign Condi	tions													
			1	Ex	treme Annu	al Tempera	ature		n-Y	ear Return I	Period Value	es of Extrem	ne Temper	ature		
Extreme Annua		IWS			ean		Deviation	n=5	years		years	n=20			years	
1%	2.5%	5%	]	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
<i>(а)</i> <b>21.1</b>	(b) <b>18.8</b>	(c) <b>16.9</b>	DB	(e) <b>14.8</b>	96.4	(g) <b>4.7</b>	(h) <b>3.6</b>	(i) <b>11.4</b>	98.9	(k) <b>8.7</b>	101.0	(m) <b>6.0</b>	(n) <b>103.0</b>	(o) <b>2.6</b>	(p) <b>105.6</b>	
41.1	10.0	10.3	WB	12.6	78.6	4. <i>1</i> 4.4	3.6 1.1	9.4	79.4	6.8	80.1	4.3	80.7	2.6 1.1	81.4	
Monthly	Climatic De	sian Cond											- ***			
mornting	Zimiatio De	g	Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
			(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(0)	(p)	
		DBAvg	63.3	44.2	48.3	55.2	63.1	71.0	77.6	80.2	79.7	74.5	64.2	53.9	47.1	
		DBStd	14.67	10.07	9.32	8.97	7.22	6.17	4.38	3.34	3.73	5.46	7.37	8.12	9.06	
	ratures,	HDD50	648	237	133	53	5	0	0	0	0	0	3	52	165	
	e-Days	HDD65	2578	644	470	318	118	22	1	0	0	5	103	342	555	
	nd e-Hours	CDD50 CDD65	5514	58	85	215	397	652	828	935	922	734	444	168	76 4	
Degree	Degree-Hours		1969 17113	0	<u>2</u> 7	15 99	60 455	209 1641	379 3414	470 4513	457 4275	289 2214	79 466	8 	<u>1</u> 1	
		CDH74 CDH80	6416	0	0	99	455 68	1641 471	3414 1366	4513 1902	4275 1772	743	466 84	28 1	1 0	
14/	lind															
VV	ind	WSAvg	8.0	9.2	9.2	9.3	8.6	7.6	7.0	6.7	6.6	7.4	7.6	8.0	8.6	
		PrecAvg PrecMax	50.2 70.1	4.7 10.2	4.6 12.8	5.2 11.7	4.0 11.9	3.9 9.9	3.9 10.0	4.9 17.7	4.0 8.7	3.7 13.7	3.0 8.7	3.9 10.0	4.4 12.5	
Precip	oitation	PrecMin	70.1 31.8	0.8	0.8	11.7	0.5	9.9 0.4	0.2	0.6	0.7 0.5	0.0	8.7 0.0	0.9	0.7	
		PrecStd	8.7	1.9	2.2	2.4	2.0	2.1	2.3	3.2	2.1	2.6	2.1	2.0	2.6	
			DB	71.5	74.6	80.8	85.1	90.9	94.7	96.6	97.4	93.9	86.3	78.0	72.3	
Monthly	y Design	0.4%	MCWB	61.1	62.9	62.6	66.9	70.9	73.0	74.6	74.3	71.1	69.9	63.9	62.6	
	Bulb	2%	DB	66.9	69.7	76.7	82.0	87.5	92.0	93.3	93.5	90.0	82.0	73.5	69.0	
a	nd	2 /0	MCWB	58.5	59.5	60.9	65.1	70.0	73.1	74.4	74.5	71.1	67.6	61.7	62.1	
	oincident	5%	DB	63.4	66.4	73.4	79.3	85.0	89.9	91.1	90.9	87.1	79.1	70.4	65.3	
	Wet Bulb Temperatures		MCWB	57.9	58.0	59.3	63.6	69.0	72.7	74.4	74.1	70.9	65.5	60.7	59.5	
remperatures		10%	DB MCWB	59.9	63.2 55.6	69.9	76.3 62.0	82.5	87.6	88.9	88.4	84.5	76.1	67.2	61.7	
				54.5	55.6	57.8		68.2	72.2	74.2	73.4	70.2	64.8	58.5	56.4	
_	_	0.4%	MCDB	64.2 67.5	66.0 69.8	66.4 73.4	70.9 79.4	74.5 83.3	77.3 88.6	78.4 89.0	78.3 90.0	75.4 84.6	73.6 79.7	69.4 72.3	66.8 69.5	
	y Design		WB	61.8	69.8 63.3	64.1	68.4	72.6	76.1	77.3	77.2	74.3	71.0	66.3	63.8	
	Bulb nd	2%	MCDB	65.2	67.7	71.5	76.4	82.5	87.0	88.1	88.1	82.9	78.3	70.1	66.9	
Mean Co	oincident	E0/	WB	59.0	60.5	62.2	66.6	71.3	75.0	76.3	76.2	73.3	69.3	63.6	60.8	
	Bulb	5%	MCDB	62.6	64.7	70.0	74.6	81.0	85.4	86.6	86.0	81.4	74.9	67.7	64.4	
i empe	eratures	10%	WB	55.6	57.4	60.1	64.9	70.1	74.0	75.4	75.3	72.3	67.5	60.7	57.3	
		1070	MCDB	58.9	61.2	67.2	72.8	79.1	83.5	84.9	84.2	80.0	73.0	65.7	61.0	
			MDBR	17.5	18.0	19.1	19.6	18.2	17.0	16.5	16.3	16.4	18.0	18.5	16.3	
	n Daily	5% DB	MCDBR	19.3	20.2	22.1	21.5	19.8	19.9	19.3	19.2	19.2	20.1	20.3	18.6	
	erature inge		MCDBB	13.4	12.9	10.8	9.2	7.3	6.6	6.0	5.9	6.6	8.5	11.3	12.7	
Ra	iiige	5% WB	MCMBB	16.1	17.3 13.1	17.9	17.7 9.4	16.9	17.1 6.9	17.0	16.7	15.5 6.6	15.0	16.4 12.6	16.4	
			MCWBR	13.0	13.1	10.9	9.4	7.4		6.2	5.9	6.6	8.8	12.6	13.4	
Clea	ır-Sky		ub ud	0.311 2.537	0.315 2.520	0.348 2.452	0.386 2.324	0.441 2.212	0.473 2.168	0.515 2.065	0.516 2.051	0.418 2.312	0.363 2.460	0.334 2.483	0.312 2.553	
Sc	olar			288	2.520	295	2.324	2.212	260	248	2.051	268	2.460	2.463	2.555	
Irradiance		Ebn at Noon Edh at Noon		266	29	34	40	46	48	53	52	39	31	27	24	
All-Sky Solar		RadAvg		856	1036	1383	1744	1926	1955	1879	1726	1498	1269	951	726	
Radiation			dStd	50	128	117	1144	161	161	134	99	1490	160	98	726 76	
Historica					v											
HISTORICA	Trenus				ation	1	Caclina		1	D	a Davi-					
			DBAvg	99% DB	ating 99% DP	1% DB	Cooling 1% WB	1% DP	HDD50	Degre HDD65	e-Days CDD50	CDD65				
			(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	1			
	Station Only		+0.85	N/A	N/A	N/A	N/A	N/A	N/A	N/A	+245	+194				
Regional (40 neigh		hbors)	+0.83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	+265	+185				