

Monday 1 May 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. NE	Temp. 79.0	RW - 0300 LT (Mnd - 0330 LT) 0710 - 0754 (LT) Ramos overnight Low 53		
Min.	50 °F	Vel. 6 m.p.h.	Read. 28.95			
Set	53 °F	Char. Steady	Corr. 28.80"			
R. H.	94 %	24 hr. Prec. 72.6 mm	Sea L. 30.16	Clds. 10 Sc 10	Clds.	Clds.
Ppn.	Liq. .02 in.	Prev. Dir. NW	3 hr. Tend. +1 1/2 mb 2 hrs	Wx RW-F	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JSL	Vis. 5 miles	Vis.	Vis.

$$T_{\text{roof}} = 54^{\circ}$$

$$T_w = 53^{\circ}$$

$$T_o = 52^{\circ} \quad \bar{T} = 64^{\circ}$$

$$HDD = 1$$

$$\Sigma HDD = 1$$

$$\Sigma Pen(l) = .02''$$

Tues. May 2, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 57 °F		Dir. W	Temp. 74	R-B ~ 0710 LT (Dist R, R+) R-E, 600 ~ 0500 LT L-E ~ 0700 LT		
Min. 44 °F		Vel. 10 m.p.h.	Read. 28.54	Lake cupric 2100 LT - .78" * (.04 short of 24 hr precip record for today)		
Set 45 °F		Char. Steady	Corr. 28.41	windshift ~ 0500 LT Cigrool - ridges obscured Rimes over Lvi 401		
R. H. 93 %		24 hr. Mov. 76.7 mi	Sea L. 29.75	Clds. 0700 10/10 Sf Sc Fc	Clds. 1300	Clds. 1900
Ppn. Liq. 1.18" in.		Prev. Dir. NNE	3 hr. Tend. ✓ 0.0 mb	Wx OVC	Wx	Wx
Ppn. Sol. 0 in.		Snow Depth 0 in.	Observer ESP	Vis. 15+ mi (low mths obsd)	Vis.	Vis.

$T_{roof} : 47$

$T_{wet} : 46$

$T_o : 45$

$\bar{T} : 51$

$H_{10} : 14$

$\epsilon_{H_{10}} : 15$

$\epsilon_{A_2(6)} = 1.20^+$

* - Highest 24 hour
rainfall since Sept. 4-5,
1988

and

- Highest 12 or 12 $\frac{1}{2}$ rainfall
since Aug. 29, 1988.

Wed 3 May 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 53 °F		Dir. SW	Temp. 75°	Rw - 0030 (LT) 3 May 89		
Min. 39 °F		Vel. 6 m.p.h.	Read. 28.80			
Set 40 °F		Char. Steady	Corr. 28.66	Ramos overnight low 40		
				0700	1300	1900
R. H. 86%		24 hr. Mov. 168.2 mi	Sea L. 30.04	Clds. SC 10/10	Clds.	Clds.
Ppn. Liq. T in.		Prev. Dir. SW	3 hr. Tend. +2.2 ^{mb} / _{24h}	Wx OCC	Wx	Wx
Ppn. Sol. in.		Snow Depth in.	Observer JSL	Vis. 20 miles	Vis.	Vis.

$$T_{\text{roof}} = 43^{\circ}$$

$$T_w = 41^{\circ}$$

$$T_o = 39^{\circ}$$

$$\bar{T} = 46^{\circ}$$

$$HDD = 19$$

$$\Sigma HDD = 34$$

$$\Sigma PCN = 1.20''$$

Thurs. May 4, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	52 °F	Dir.	-	Temp.	76	RV - ~1400-1410 1430-1440 (gust to 56 mph) 1515-1545 (gust to 52 - graupel, hail 1mi N) Fog and haze all quads, esp NE/E Ramos over 10:37		
Min.	34 °F	Vel.	0 m.p.h.	Read.	29.03			
Set	40 °F	Char.	Calm	Corr.	28.89			
R. H.	74 %	24 hr. Mov.	125.3	Sea L.	30.28	0700	1300	1900
Clds.	0/10	Clds.		Clds.				
Ppn. Liq.	.07 in.	Prev. Dir.	WSW	3 hr. Tend.	+2.5mb	Wx	FH	Wx
Wx		Wx		Wx				
Ppn. Sol.	0 in.	Snow Depth	0 in.	Observer	ESP	Vis.	7mi	Vis.
Vis.		Vis.		Vis.				

T_{rot} 46

T_{let} 42

T_0 38

\bar{T} : 43

N_{20} : 22

$\epsilon_{H_{20}}$: 56

s_{Rn} : 1.27

5 May 1989

0700 EST

Meteorological Observatory
University Park, Pa.

FRI

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. SW	Temp. 76°	Scud all quadrants R-0410 (LT) - 0745 (LT)		
Min.	40 °F	Vel. 14 G20 m.p.h.	Read. 28.76"	Rain obscuring Ridges R-0755 (LT) - Current		
Set	49 °F	Char. Gusty	Corr. 28.62"	RAMOS OVRNT LO = 48		
R. H.	100 %	24 hr. Mov. 126.3 miles	Sea L. 29.97"	0700 Clds. S+Sc 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.10 in.	Prev. Dir. S	3 hr. Tend. -.1 mb / 3 hrs	Wx FR	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JSL	Vis. 5	Vis.	Vis.

$$T_{\text{roof}} = 50^{\circ}$$

$$T_w + T_o = 50^{\circ}$$

$$\bar{T} = 54^{\circ}$$

$$HDD = 11$$

$$\Sigma HDD = 67$$

$$\Sigma PCN = 1.37^{\circ}$$

Sat. May 6, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. W	Temp. 76	0601 RW-L. 0500-1045 LT 4045 exposed -08			
Min. 48 °F	Vel. 3 m.p.h.	Read. 28.59	R-B ~ 0900 LT (local R) E ~ 0200 LT Foggy ~ 0500 LT			
Set 49 °F	Char. Steady	Corr. 29.45	Fog all quadrants, W from E, chaotic sky Rains over CO: 49			
R. H. 89 %	24 hr. Mov. 68.1	Sea L. 29.79	0700	1300	1900	
Ppn. Liq. .42 in.	Prev. Dir. S	3 hr. Tend. ✓ +2.0 mb	Clds. 6/10 st as sc	Clds.	Clds.	
Ppn. Sol. - in.	Snow Depth - in.	Observer RJP	Wx Fog	Wx	Wx	
			Vis. 4	Vis.	Vis.	

T_{max}: 54

T_{min}: 52

T₀: 50.5

\bar{T} : 52

H₀₀: 13

E_{H00}: 80

E_{RA}: 1.79"

SUN. MAY 7, 1909

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	RW begun 1400 Local TRW: ~1600 Local RW ended ~2100 Local COLD WIND THIS AM.			
65 °F	W	75				
Min.	Vel.	Read.				
35 °F	16 m.p.h.	28.64				
Set	Char.	Corr.				
35 °F	STOY	28.50				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
83 %	136 mile	29.89	Clds. St Cu	Clds.	Clds.	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
.33 in.	W	+1mb	o/c.			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0 in.	0 in.	GK.	10 mile			

$$T_r = 38$$

$$T_w = 36$$

$$T_d = 33$$

$$\overline{T} = 50$$

$$H_{00} = 15$$

$$\Sigma H_{00} = 95.$$

$$\Sigma p_{00} = 2.12''$$

MON. MAY 8, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	43 °F	Dir.	WSW	Temp.	75	RAGGED STRATOCH RAW MORNING RIDGES OBSCURED BEYOND 5 mi.		
Min.	34 °F	Vel.	16 m.p.h.	Read.	28.58			
Set	37 °F	Char.	STDY	Corr.	28.45			
R. H.	96 %	24 hr. Mov.	199 mi.	Sea L.	29.82	0700	1300	1900
Ppn.	Liq. 0.15 in.	Prev. Dir.	WSW	3 hr. Tend.	+1.5mb/	Clds. 10/10	Clds.	Clds.
Ppn.	Sol. T in.	Snow Depth	- in.	Observer	JHM	Wx L	Wx	Wx
				Vis.	5 mi.	Vis.	Vis.	Vis.

$$T_{roof} = 39 \quad T_w = 38.5 \quad T_d = 38$$

$$\bar{T} = 39$$

$$DD = 26$$

$$\sum DD = 121$$

$$\sum p_{cw} = 2.27''$$

TUES. MAY 9, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	52 °F	Dir.	ENE	Temp.	77°	Alto Stratus Fog to the East (Base of not. NIT. obscured)		
Min.	37 °F	Vel.	2 m.p.h.	Read.	28.80			
Set	41 °F	Char.	LT.	Corr.	28.66			
R. H.	96 %	24 hr. Mov.	94 mi.	Sea L.	30.03	0700	1300	1900
Clds.	10/10	Clds.		Clds.				
Ppn.	T in.	Prev. Dir.	WSW	3 hr. Tend.	+1 f	Wx	Wx	Wx
Wx	OVC F	Wx		Wx				
Ppn.	0 in.	Snow Depth	0 in.	Observer	JCK	Vis.	Vis.	Vis.
Vis.	1-5	Vis.		Vis.				

$$T_{\text{root}} = 42.5$$

$$\bar{T} = 45$$

$$T_w = 42$$

$$DD = 20$$

$$T_L = 41.5$$

$$\sum DD = 140$$

$$\sum p_{EN} = 2.27''$$

$$T_r = 47$$

$$T_w = 47$$

$$T_d = 47$$

$$\bar{T} = 50$$

$$H_{DD} = 15$$

$$\Sigma H_{DD} = 155$$

$$\Sigma p_{DN} = 2.98''$$

$$T_r = 45$$

$$T_w = 44$$

$$T_d = 44$$

$$\bar{T} = 45$$

$$H_{DD} = 20$$

$$\sum H_{DD} = 175$$

$$\sum PCW = 3.40''$$

FRI MAY 12 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. WSW	Temp. 77°	.35" hg. by 1935 LOCAL on May 11		
Min.	38 °F	Vel. 2 m.p.h.	Read. 28.53	LOW OPPRESSIVE STRATOCL.		
Set	40 °F	Char. LT.	Corr. 28.39	AIR QUALITY / VISIBILITY REMARKABLY HIGH		
R. H.	86 %	24 hr. Mov. 52 mi	Sea L. 29.74	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.35 in.	Prev. Dir. N	3 hr. Tend. +1 /	Wx Lo clouds NO PRECIP	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JCK	Vis. 12 mi.	Vis.	Vis.

$$T_{roof} = 44$$

$$\bar{T} = 43$$

$$T_w = 42$$

$$DD = 22$$

$$T_A = 40$$

$$\Sigma DD = 197$$

$$\Sigma PCW = 3.75''$$

SAT, MAY 13, 1909

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. E	Temp. 77	CLOUDY ALL DAY. NO SUN SINCE MONDAY.		
Min.	40 °F	Vel. 6 m.p.h.	Read. 28.72			
Set	41 °F	Char. 5704.	Corr. 28.58			
R. H.	79 %	24 hr. Mov. 43 m.k.s	Sea L. 29.95	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. S	3 hr. Tend. +1.5	Wx STRATUS: NOT TOO LOW.	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer GK.	Vis. 6 miles.	Vis.	Vis.

$$T_r = 46$$

$$T_w = 43$$

$$T_d = 40$$

$$\bar{T} = 45$$

$$HDD = 20$$

$$\Sigma HDD = 217$$

$$\Sigma PCN = 3.75''$$

Sun May 14, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. E	Temp. 76°	Glimpset of Sun at noon Rain showers		
Min.	49 °F	Vel. 2 m.p.h.	Read. 28.78			
Set	46 °F	Char. c.t.	Corr. 28.65			
R. H.	86 %	24 hr. Mov. 48 mi	Sea L. 30.01	0700 Clds. 7/10	1300 Clds.	1900 Clds.
Ppn.	Liq. .10 in.	Prev. Dir. S	3 hr. Tend. +1 /	Wx STRATOCUM. ON/OFF SUN	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 8 mi.	Vis.	Vis.

$$T_{\text{roof}} = 50$$

$$T_w = 48$$

$$T_d = 46$$

$$\bar{T} = 50$$

$$DD = 15$$

$$\sum DD = 232$$

$$\sum PCN = 3.85''$$

MON. MAY 15, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. E	Temp. 76	THICK, DENSE AM FOG		
Min.	45 °F	Vel. 4 m.p.h.	Read. 28.73	B 1730 LOCAL TIME FRT IN LATE AFTERNOON MORST (PATON TOWNSHIP) PEA SIZED HAIL HAIL ACCUM. TO DEPTH ~ 1/2 IN.		
Set	45 °F	Char. STDY	Corr. 28.59	0700	1300	1900
R. H.	100 %	24 hr. Mov. 43 mi.	Sea L. 29.95	Clds. 0 BS.	Clds.	Clds.
Ppn. Liq.	.06 in.	Prev. Dir. S	3 hr. Tend. STDY.	Wx FOG	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer GK	Vis. 1/8 mi.	Vis.	Vis.

$$T_r = 49$$

$$T_w = 49$$

$$T_d = 49$$

$$\bar{T} = 55$$

$$H_{ND} = 10$$

$$\Sigma H_{ND} = 242$$

$$\Sigma PCW = 3.91''$$

Tues. May 16 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir. NE	Temp. 77°	Day SHOWER. RB ~ 1300LT KE ~ 1900LT PCN ~ .68" OVERNIGHT PCN ~ .05"		
Min.	45 °F	Vel. 248 m.p.h.	Read. 28.62			
Set	51 °F	Char. VAR	Corr. 28.48			
R. H.	93 %	24 hr. Mov. 21 mi	Sea L. 29.81	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. .73 in.	Prev. Dir. NNE	3 hr. Tend. +5 /	Wx OVC	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 1 mi.	Vis.	Vis.

$$T_{roof} = 54$$

$$\bar{T} = 52$$

$$T_w = 53$$

$$DD = 13$$

$$T_d = 52$$

$$\Sigma DD = 255$$

$$\Sigma PCW = 4.64''$$

WED. MAY 17, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	RAIN: 1100 - 1400 LT: .12			
57 °F	S	77	1400 - 2000 LT: .34			
Min.	Vel.	Read.	SUN THIS AM!			
51 °F	3 m.p.h.	28.80	*17th CONS. DAY IN MAY W/			
Set	Char.	Corr.	T OR ABOVE PRECIP. THIS DAY			
52 °F	STDY.	28.66	0700	1300	1900	RECORD
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
87 %	656 mi.	30.01	7/10			
* Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
.46 in.	N	+2mb	84N			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0 in.	0 in.	OK.	6 mi.			

$T_r = 56$
 $T_w = 54$
 $T_d = 52$

$\bar{T} = 54$
 $H_{DD} = 11$
 $\Sigma H_{DD} = 266$
 $\Sigma p_{DN} = 5.10''$

THURS. May 18, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

General Obs.

Temp.		Wind	Barom.	TODAY'S "NO TRACE" CUTS OFF A 19-DAY RUN - f TRACE OR BETTER - HAZY SUMMER IS HERE		
Max.	Dir.	Temp.				
79 °F	—	78°				
Min.	Vel.	Read.				
44 °F	0 m.p.h.	28.97				
Set	Char.	Corr.		0700	1300	1900
54 °F	CALM	28.83		Clds.	Clds.	Clds.
R. H.	24 hr. Mov.	Sea L.				
62 %	38 mi	30.17		0/10		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0	in.	NE	+3 /	HAZE No clouds		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	JCK	15 mi.		

$$T_{roof} = 59$$

$$T_w = 52$$

$$T_L = 46$$

$$\bar{T} = 62$$

$$db = 3$$

$$\Sigma db = 269$$

$$\Sigma PCN = 5.10''$$

FRI. MAY 19, 1909

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	FIRST 80° OR PLUS MAX OF THE YEAR.			
84 °F	NE	79				
Min.	Vel.	Read.				
52 °F	3 m.p.h.	29.02				
Set	Char.	Corr.				
59 °F	STDY.	28.88				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
65 %	34.6 mi.	30.24	Clds.	Clds.	Clds.	
			3/10			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0 in.	SSW	4.5 mb	-SCT.			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0 in.	0 in.	6K	20 mi.			

$$T_r = 62$$

$$T_w = 55$$

$$T_d = 50$$

$$\bar{T} = 60$$

$$HDD = 0$$

$$\Sigma HDD = 269$$

$$\Sigma PCW = 5.10''$$

$$LDD = 3$$

$$\Sigma CDD = 3$$

Sat. May 20, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F		Dir. W	Temp. 76°	Haze - MORE WIND YESTERDAY THAN EXPECTED WITH GUSTS > 20 mph		
Min. 54 °F		Vel. 4 m.p.h.	Read. 28.74			
Set 64 °F		Char. lt.	Corr. 28.60			
R. H. 59 %		24 hr. Mov. 99 mi.	Sea L. 29.89	0700 Clds. 8/10	1300 Clds.	1900 Clds.
Ppn. 0	Liq. in.	Prev. Dir. S	3 hr. Tend. -1 L	Wx BKN AUTOCLM.	Wx	Wx
Ppn. 0	Sol. in.	Snow Depth 0 in.	Observer JCK	Vis. 10 mi.	Vis.	Vis.

$$T_{\text{roof}} = 68$$

$$T_w = 59$$

$$T_d = 53$$

$$\bar{T} = 70$$

$$H_{DD} = 0$$

$$\Sigma_{MDD} = 269$$

$$C_{DD} = 5$$

$$\Sigma_{CDD} = 8$$

$$\Sigma_{PEN} = 5.10''$$

SUN MAY 21, 1909

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. W	Temp. 76	- INTERMIT. R-; L FROM 1500-2100 LOCAL TIME. - STEADY, STRONG BREEZE.		
Min.	59 °F	Vel. 20 m.p.h.	Read. 28.68			
Set	62 °F	Char. STDY	Corr. 28.54			
R. H.	75 %	24 hr. Mov. 117.1 m	Sea L. 29.85	0700	1300	1900
Ppn.	Liq. .04 in.	Prev. Dir. SSW	3 hr. Tend. +2mb /	Clds. 5/10	Clds.	Clds.
Ppn.	Sol.	Snow Depth	Observer	Wx BAN CU	Wx	Wx
	0 in.	0 in.	GK	Vis. 10 mi.	Vis.	Vis.

$$T_r = 65$$

$$T_w = 60$$

$$T_d = 57$$

$$\bar{T} = 68$$

$$H_{DD} = 0$$

$$\Sigma H_{DD} = 269$$

$$C_{DD} = 3$$

$$\Sigma C_{DD} = 10$$

$$\Sigma P_{UN} = 5.14''$$

Mon. May 22, 1919

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		Sun. WAS A BEAUTIFUL day WITH BLUE SKIES, SUN, and a GOOD WIND.		
Max.	77 °F	Dir.	NE SW	Temp.	76°			
Min.	50 °F	Vel.	5 m.p.h.	Read.	28.73			
Set	54 °F	Char.	LT.	Corr.	28.59			
R. H.	57 %	24 hr. Mov.	130 mi.	Sea L.	29.91	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	STDY.	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JCK	Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						25 mi.		

$$T_{\text{out}} = 59$$

$$T_w = 51$$

$$T_d = 44$$

$$\bar{T} = 64$$

$$N_{DD} = 1$$

$$\Sigma N_{DD} = 270$$

$$C_{DD} = 0$$

$$\Sigma C_{DD} = 10$$

$$\Sigma PCN = 5.14''$$

TUE, MAY 23, 1989 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max (RAMOS)	Dir.	Temp.	SOME NS PRESENT, OTHERWISE HIGHER AS ^t OVC. L- B ~ 0500LT ~ 0745LT					
79 °F	NE	76°						
Min.	Vel.	Read.						
53 °F	2 m.p.h.	28.62						
Set	Char.	Corr.			0700	1300	1900	
54 °F	V. LGT.	28.48						
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.			
82 %	98.3mi	29.81	As 10/10					
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
T	in.	SW	-1.2mb	OVC				
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
—	in.	— in.	MJL	12mi				

$$T_{\text{ROOF}} = 57 \quad T_w = 54 \quad T_b = 38$$

$$T_{\text{DUNV}} = 43$$

$$\bar{T} = 66$$

$$H_{00} = 0$$

$$\Sigma H_{00} = 270$$

$$C_{00} = 1$$

$$\Sigma C_{00} = 12$$

$$\Sigma_{\text{PCU}} = 5.14''$$

Wed. May 24, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 63 (Range) °F	Dir. —		Temp. 77°	• THE 23RD WAS CLOUDY MOST OF THE DAY • RW 1300 - 1345 LT. • L ~ 2030 - 2130 LT. • R ~ " " ?		
Min. 52 °F	Vel. CALM m.p.h.		Read. 28.50			
Set 54 °F	Char. —		Corr. 28.36			
R. H. 100 %	24 hr. Mov. 53 mi.	Sea L. 29.68	Clds. 10/10	0700	1300	1900
Ppn. Liq. .25 in.	Prev. Dir. ENE	3 hr. Tend. +2 /	Wx BVC FOG	Clds.	Wx	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 3 mi. W lower E	Wx	Wx	Wx

$$T_{ref} = 56$$

$$T_w = 56$$

$$T_d = 56$$

$$\bar{T} = 58$$

$$H_{DD} = 7$$

$$\Sigma H_{DD} = 277$$

$$c_{DD} = 0$$

$$\Sigma c_{DD} = 12$$

$$\Sigma P_{cN} = 5.39''$$

THU. MAY 25, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	69 °F	Dir.	W	Temp.	74° SOME HIGH Ci ALQDS		
Min.	47 °F	Vel.	3 m.p.h.	Read.	28.66 OVC THE 24TH UNTIL ~1530LT, THEN CLEAR (OR P/CL)		
Set	52 °F	Char.	LGT F STEADY	Corr.	28.53 RW -- 1330-1345		
R. H.	83 %	24 hr. Mov.	61mi	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	WNN	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
					mSTLY CLEAR		
					9 mi		

$$\overline{T_{ROCF}} = 56 \quad \overline{T_w} = 53 \quad \overline{T_b} = 51$$

$$\overline{T} = 58$$

$$HDD = 7 \quad CDD = 3$$

$$\Sigma HDD = 277 \quad \Sigma CDD = 12$$

$$\Sigma PCN = 5.39''$$

FRI. MAY 26 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F		Dir. SSE	Temp. 78°	25 th Rain 10 = 62 RW - ~ 1230 LT RW - ~ 1530-1540 LT		
Min. 52 °F		Vel. 6 m.p.h.	Read. 28.56	26 th TRW ~ 0100-0200 LT TRW ~ 0315-0415 LT		
Set 62 °F		Char. var.	Corr. 28.42	0700	1300	1900
R. H. 100 %		24 hr. Mov. 95 mi.	Sea L. 29.73	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .52 in.		Prev. Dir. S	3 hr. Tend. +0 V Res. SWAL at 122	Wx R	Wx	Wx
Ppn. Sol. 0 in.		Snow Depth 0 in.	Observer JCK	Vis. 3/4 mi.	Vis.	Vis.

$$T_{\text{Roof (Rms)}} = 63$$

$$T_w = 63$$

$$T_d = 63$$

$$\bar{T} = 66$$

$$M_{DB} = 0$$

$$\Sigma M_{DB} = 277$$

$$c_{DB} = 1$$

$$\Sigma c_{DB} = 13$$

$$\Sigma t_{cN} = 5.91''$$

Sat. May 27, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. WNW	Temp. 78°	<ul style="list-style-type: none"> • CLEAR DAY AM FOLLOWING HUMIDITY - 26TH. • AM SHOWERS ON 26TH • S.W. SHOWER JUST BEFORE 0800 LT ON 27TH. 		
Min.	56 °F	Vel. 9 m.p.h.	Read. 28.76			
Set	59 °F	Char. STRDY	Corr. 28.62			
R. H.	46 %	24 hr. Mov. 111 mi.	Sea L. 29.94	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.07 in.	Prev. Dir. WSW	3 hr. Tend. +2.5 /	Wxc AUTOCLIM. CUMULONIMBUS	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JCK	Vis. 25 mi.	Vis.	Vis.

$$T_{\text{ref}} = 61$$

$$T_w = 50$$

$$T_d = 40$$

$$\bar{T} = 68$$

$$HDB = 0$$

$$\sum HDB = 277$$

$$CDB = 3$$

$$\sum CDB = 16$$

$$\epsilon_{PEN} = 5.98''$$

$$T_{\text{REF}} = 48 \quad T_{\text{W}} = 43 \quad T_{\text{O}} = 37 \quad T_{\text{DUNV}} = 32$$

$$\bar{T} = 57$$

$$H_{\text{OD}} = 8 \quad ;$$

$$\Sigma H_{\text{OD}} = 285$$

$$C_{\text{OD}} = 0$$

$$\Sigma C_{\text{OD}} = 16$$

$$\Sigma p_{\text{CN}} = 6.00''$$

MON, MAY 29, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	WSW	Temp.	76°	28TH WAS SOGGY, CLEAR, SUNNY, CALM, AND UNEVENTFUL		
Min.	44 °F	Vel.	Ø m.p.h.	Read.	29.05			
Set	46 °F	Char.	CALM	Corr.	28.91			
R. H.	69 %	24 hr. Mov.	65.0 mi	Sea L.	30.29	0700	1300	1900
Ppn.	— in.	Prev. Dir.	W	3 hr. Tend.	+1.0 mb	Clds. 0/10	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	MJL	Wx	Wx	Wx
				Observer		Vis.	Vis.	Vis.
						15 mi		

$$T_{max} = 52 \quad T_w = 47 \quad T_D = 42 \quad T_{conv} = 41$$

$$\bar{T} = 59$$

$$H_{DD} = 6 \quad C_{DD} = 0$$

$$\sum_{HDD} = 285 \quad \sum_{CDD} = 16$$

$$\sum_{PCW} = 6.00''$$

TUES. MAY 30, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. SW	Temp. 76°	OVC HIGH ALTOSTRATUS LOWER ST, NS ALQDS BUT E. VERY LT. SPRINKLE ~0750 RAMBS OUT 10:59		
Min.	46 °F	Vel. 6 m.p.h.	Read. 28.85			
Set	59 °F	Char. LGT VAR.	Corr. 28.71			
R. H.	70 %	24 hr. Mov. 11.7 mi	Sea L. 30.04	Clds. 10/10	Clds. 1300	Clds. 1900
Ppn.	Liq. T in.	Prev. Dir. S	3 hr. Tend. +ombw	Wx Δ--	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer MJL	Vis. 11 mi	Vis.	Vis.

$$T_{\text{ROOF}} = 62 \quad T_w = 56 \quad T_o = 52 \quad T_{\text{DOWN}} = 50$$

$$\bar{T} = \cancel{564}$$

$$H_{OD} = \cancel{01} \quad C_{OD} = \cancel{X}$$

$$\sum_{HOD} = 285 \quad \sum_{C_{OD}} = \cancel{28} 16$$

$$\sum_{PCW} = 6.00''$$

WED. MAY 31, 1989

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. WSW	Temp. 76°	- RAIN OVERNIGHT 62° • TAN - N 0830 - 0850 LT ON 30TH = .10" • OVERNIGHT THUNDER AND .05" ↳ ~ 2200 - 2315 LT * ESTIMATED		
Min. *	59 °F	Vel. 10-16 m.p.h.	Read. 28.80			
Set	68 °F	Char. VAR.	Corr. 28.86			
R. H.	79 %	24 hr. Mov. 60 mi	Sea L. 30.17	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	.15 in.	Prev. Dir. S	3 hr. Tend. +1 /	Wx STRATUS HAZE	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer JCK	Vis. 10 mi.	Vis.	Vis.

$$T_{surf} = 71 \quad \bar{T} = 71 \quad SPEN = 6.15''$$

$$T_w = 66 \quad HDD = 0$$

$$T_d = 64 \quad \Sigma HDD = 285 \quad -$$

$$CDD = 6$$

$$\Sigma CDD = 22$$