Wed., Aug. 1, 1990 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 77 °F	Dir. —	Temp. 70 °F	• ridge-top cumulus • few fractocumulus
Min. 55 °F	Vel. — m.p.h.	Read. 28.93 in.	
Set 58 °F	Char. calm	Corr. 28.81 in.	
R.H. 82 %	24 hr. Mov. 97 mi.	Sea L. 30.12 in.	
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +2 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer MSS	

0700	1300	1900
Clds. 1/10	Clds.	Clds.
Wx Sunny	Wx	Wx
Vis. 15 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 59°F$

$T_d = 53.5°F$ $T_{dromos} = 51°$

$T_w = 55°F$

$CDD = 1$ $\quad \sum HDD = 0$

$\sum CDD = 1$

$\sum PCN = 0$

$\bar{T} = 66°F$

THURSDAY, AUGUST 2, 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. –	Temp. 70 °F	· hazy E · some valley fog · few stratus S-W		
Min. 52 °F	Vel. – m.p.h.	Read. 29.02 in.			
Set 55 °F	Char. calm	Corr. 28.90 in.			
R.H. 72 %	24 hr. Mov. 57 mi.	Sea L. 30.21 in.	0700 Clds. CLR	1300 Clds.	1900 Clds.
Ppn. 0 Liq. in.	Prev. Dir. N	3 hr. Tend. +1 mb	Wx Sunny	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer MSS	Vis. 10E 18W mi.	Vis. mi.	Vis. mi.

$T_{roof} = 58°F$ $\Sigma CDD = 2$ $\Sigma HDD = 0$

$T_{d_{room}} = 48°$ $T_w = 53°$ $CDD = 1$

$T_d = 49°F$

$\Sigma PCN = 0$

$F = 66°F$

FRIDAY, AUGUST 3, 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. —	Temp. 70 °F	• fog at foot of ridges • vsby lower E • shelter changed after 12Z, 2nd • names omt to = 57°F		
Min. 55 °F	Vel. — m.p.h.	Read. 28.98 in.			
Set 60 °F	Char. calm	Corr. 28.86 in.			
R.H. 75 %	24 hr. Mov. 20 mi.	Sea L. 30.17 in.	0700 Clds. CLR	1300 Clds.	1900 Clds.
Ppn. 0 Liq. in.	Prev. Dir. NONE	3 hr. Tend. — + 1/4 mb	Wx Sunny	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer MSS	Vis. 8 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 63°F$

$T_{dewpoint} = 52°F$

$T_{wet} = 58°F$

$T_d = 55°F$

$\bar{T} = 69°F$

$CDD = 4$

$\sum CDD = 6$

$\sum HDD = 0$

$\sum PCN = 0$

Sat. August 4 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. ENE	Temp. 71 °F	• OVNT Low probably 60 or 61		
Min. 60 °F	Vel. 0-4 m.p.h.	Read. 28.92 in.			
Set 62 °F	Char. f - light variable	Corr. 28.80 in.	• Ramos: 84, 60 ovnt Lo: 60		
			0700	1300	1900
R.H. 81 %	24 hr. Mov. 27 mi.	Sea L. 30.11 in.	Clds. 8/10 cirrus	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. ±0 — mb	Wx • Haze • M sunny	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 15 mi.	Vis. mi.	Vis. mi.

$T_{avg} = 67$ $\quad F = 73$ $\quad \Sigma p_{eN_L} = 0$

$T_w = 63$ $\quad HDD = 0$

$T_d = 61$ $\quad \Sigma HDD = 0$

$CDD = 8$

$\Sigma CDD = 14$

Sunday, August 5, 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. S	Temp. 72 °F	-ob Plad • RW - 0120 - 0130 LT, 5th 0450 - 0550 LT 0600 - 0620 LT • ocnl T heard ~ 0450 LT		
Min. 62 °F	Vel. 10 m.p.h.	Read. 28.81 in.			
Set 67 °F	Char. steady	Corr. 28.68 in.			
			0700	1300	1900
R.H. 84 %	24 hr. Mov. 58 mi.	Sea L. 29.98 in.	Clds. OVC • As • Strat-cu	Clds.	Clds.
Ppn. Liq. 0.28 in.	Prev. Dir. S	3 hr. Tend. - 0 mb	Wx FOG	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth — in.	Observer MSS	Vis. 4 mi.	Vis. mi.	Vis. mi.

$T_{ref} = 67$ $T_w = 64$

$T_{change} = 61$ $T_d = 62$

CDD = 8

$\Sigma CDD = 22$

$\Sigma HDD = 0$

$\bar{T} = 73$

$\Sigma PCN = 0.28$

Mon. August 6 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. W	Temp. 71 °F	• Several extended spells of R and R+ through 2000 LT. Then mostly sprinkles. • Top of Mt Nittany barely visible • RAMOS: 69, 65
Min. 67 °F	Vel. 2 m.p.h.	Read. 28.82 in.	
Set 68 °F	Char. V. Lgt R	Corr. 28.70 in.	

R.H.	24 hr. Mov.	Sea L.	0700	1300	1900
97 %	27 mi.	29.99 in.	Clds. X	Clds.	Clds.
Ppn. Liq. 1.20 in.	Prev. Dir. SE	3 hr. Tend. + ½ / mb	Wx • Fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 3 ½ mi.	Vis. mi.	Vis. mi.

$T_{bal} = 73$ $\bar{T} = 69$ $\Sigma_{prcp_2} = 1.48$

$T_w = 72$ $HDD = 0$

$T_d = 72$ $\Sigma_{HDD} = 0$

$CDD = 4$

$\Sigma_{CDD} = 26$

TUESDAY, AUGUST 7, 1990 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. NNW	Temp. 78 °F	• RW - 2115 - 2125 LT • RW 2325 - 2340 LT		
Min. 64 °F	Vel. 3 m.p.h.	Read. 28.91 in.			
Set 64 °F	Char. light	Corr. 28.77 in.	• nimbostratus & stratocumulus		
			0700	1300	1900
R.H. 87 %	24 hr. Mov. NA mi.	Sea L. 30.05 in.	Clds. OVC	Clds.	Clds.
Ppn. Liq. 0.12 in.	Prev. Dir. NA	3 hr. Tend. / +1 mb	Wx fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MSS	Vis. 4 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 62°F$

$T_{d_{transmis}} = 58°F$

$T_{d_{proj}} = 58°F$

$\bar{T} = 72°F$

$T_w = 59.5°F$

$CDD = 7$ $\quad \Sigma HDD = 0$

$\Sigma CDD = 33$

$\Sigma PCN = 1.60"$

Wed., Aug. 8, 1990 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —	Temp. 70 °F	· thickest fog at base of ridges · strong glare E		
Min. 55 °F	Vel. — m.p.h.	Read. 29.04 in.			
Set 58 °F	Char. calm	Corr. 28.92 in.	· cirrus + altostratus		
			0700	1300	1900
R.H. 84 %	24 hr. Mov. 42 mi.	Sea L. 30.23 in.	Clds. 7/10	Clds.	Clds.
Ppn. 0 in. Liq.	Prev. Dir. W	3 hr. Tend. ✓+1 3/4 mb	Wx light fog	Wx	Wx
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer MSS	Vis. 4 V 8 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 60°F$

$T_{dranes} = 53°F$

$CDD = 2$ $\quad \Sigma HDD = 0$

$\Sigma CDD = 35$

$\Sigma PCN = 1.60$

$T_{dpsy} = 55°F$

$T_w = 57°F$

$\bar{T} = 67°F$

Thurs. August 9 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.
Max. 79 °F	Dir. —	Temp. 71 °F
Min. 57 °F	Vel. 0 m.p.h.	Read. 29.06 in.
Set 60 °F	Char. calm	Corr. 28.94 in.
R.H. 84 %	24 hr. Mov. 19 mi.	Sea L. 30.27 in.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +1½ mb
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK

General Obs.

• Sun just visible through clouds as orange disk. no direct sun or shadows, though.

• Ranges 79, 57

	0700	1300	1900
Clds.	10/10 altocumulus / 1/10 cirrus		
Wx	• Haze • [illegible]		
Vis.	7 mi.	mi.	mi.

$T_{dmf} = 64$ $\bar{T} = 68$ $\Sigma_{PLN_L} = 1.60''$

$T_m = 61$ $HDD = 0$

$T_l = 59$ $\Sigma_{HDD} = 0$

$CDD = 3$

$\Sigma_{CDD} = 38$

Friday Aug. 10 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. N	Temp. 70 °F	• Both Mt Nittany and Ridges completely obscured		
Min. 60 °F	Vel. 6 m.p.h.	Read. 28.94 in.			
Set 61 °F	Char. Cloudy	Corr. 28.82 in.	• AAMOS: 71, 60		
R.H. 90 %	24 hr. Mov. 27 mi.	Sea L. 30.14 in.	0700: Clds. 10/ stratus 10/10	1300: Clds.	1900: Clds.
Ppn. Liq. 0 in.	Prev. Dir. E	3 hr. Tend. ±0 — mb	Wx • Fog • ove	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer Jck	Vis. 3mi W 2 mi E mi.	Vis. mi.	Vis. mi.

$T_{cool} = 65$ $F = 68$ $\Sigma_{PCN_L} = 1.60$

$T_w = 63$ $HOA = 0$

$T_d = 62$ $\Sigma_{HOA} = 0$

$COA = 3$

$\Sigma_{COA} = 41$

SAT., AUG 11, 1990 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. ENE	Temp. 73 °F	- All ridges obscured		
Min. 61 °F	Vel. 3 m.p.h.	Read. 28.89 in.			
Set 65 °F	Char. very light	Corr. 28.76 in.	ramos out to = 62°		
			0700	1300	1900
R.H. 87 %	24 hr. Mov. 29 mi.	Sea L. 30.06 in.	Clds. X	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. E	3 hr. Tend. ✓ + ½ mb	Wx fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MSS	Vis. 1½ mi.	Vis. mi.	Vis. mi.

$T_{roof} = 64°F$

$T_{d_{rooms}} = 60°F$

$T_w = 62°F$

$T_{d_{pool}} = 60°F$

$\bar{T} = 70°F$

CDD = 5

$\Sigma CDD = 46$

$\Sigma HDD = 0$

$\Sigma PCN = 1.60"$

Sun. August 12 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F		Dir. WSW	Temp. 70 °F	• TRACE ~ 1800 HT.		
Min. 60 °F		Vel. 1 m.p.h.	Read. 29.00 in.			
Set 63 °F		Char. Very Light	Corr. 28.88 in.	• RAMOS: 82, 60		
				0700	1300	1900
R.H. 90 %		24 hr. Mov. 35 mi.	Sea L. 30.19 in.	Clds. X	Clds.	Clds.
Ppn. T	Liq. in.	Prev. Dir. SW	3 hr. Tend. +1 / mb	Wx • Thick Sun • Fog	Wx	Wx
Ppn. 0	Sol. in.	Snow Depth 0 in.	Observer JCK	Vis. 2 mi.	Vis. mi.	Vis. mi.

$T_{Roof} = 68$ $\bar{T} = 72$ $\Sigma P_{CN_L} = 1.60''$

$T_W = 66$ $HDD = 0$

$T_d = 65$ $\Sigma HDD = 0$

$CDD = 7$

$\Sigma CDD = 53$

Mon. August 13 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. SSW	Temp. 71 °F	• All Readings Observed • Ovnt Low ~ 65-66		
Min. 63 °F	Vel. 3 m.p.h.	Read. 28.88 in.			
Set 67 °F	Char. Vary/ Light	Corr. 28.76 in.	• Ramos: 81, 62 Ovnt Lo = 65		
			0700	1300	1900
R.H. 87 %	24 hr. Mov. 56 mi.	Sea L. 30.06 in.	Clds. X	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. ±0 — mb	Wx • Haze • Thick Smk	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer Jck	Vis. 2½ mi.	Vis. mi.	Vis. mi.

$T_{Roof} = 72$ $\quad \overline{T} = 73$ $\quad \Sigma PCN_L = 1.60"$

$T_W = 69$ $\quad HDD = 0$

$T_L = 68$ $\quad \Sigma_{HDD} = 0$

$CDD = 8$

$\Sigma_{CDD} = 61$

Tuesday, August 14, 1990 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 85 °F	Dir. NNW	Temp. 69 °F	TRW 1530 - 1610 LT
Min. 59 °F	Vel. 4 m.p.h.	Read. 28.95 in.	R- 1630 - 1800 LT (core R) (R+ 1710 - 1730)
Set 63 °F	Char. generally light	Corr. 28.83 in.	PK WND (obs) 44 mph
R.H. 90 %	24 hr. Mov. 107 mi.	Sea L. 30.14 in.	
Ppn. Liq. 0.37 in.	Prev. Dir. SSW	3 hr. Tend. / +1 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MSS	

0700	1300	1900
Clds. OVC · stratocum.	Clds.	Clds.
Wx fog	Wx	Wx
Vis. 5 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 62°F$

$T_{d_{trunos}} = 58°F$

$T_w = 60°F$

$T_d = 59°F$

$\bar{T} = 72°F$

$CDD = 7$

$\Sigma CDD = 68$

$\Sigma HDD = 0$

$\Sigma PCN = 1.97"$

Wed. August 15 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. ——	Temp. 69 °F	• Ridge tops Faintly visible		
Min. 57 °F	Vel. 0 m.p.h.	Read. 28.96 in.			
Set 59 °F	Char. Calm	Corr. 28.84 in.	• Ramos: 78, 56		
R.H. 84 %	24 hr. Mov. 35 mi.	Sea L. 30.16 in.	0700 Clds. 10/ • Stratocu 10 (Few gaps)	1300 Clds.	1900 Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +1 ⌐ mb	Wx • ovc • Ridge tops Fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer Jck	Vis. 3 mi.	Vis. mi.	Vis. mi.

$T_{avg} = 64$ $\bar{T} = 68$ $\Sigma P_{eN_L} = 1.97''$

$T_w = 61$ $HDD = 0$

$T_d = 59$ $\Sigma_{HDD} = 0$

$CDD = 3$

$\Sigma_{CDD} = 71$

THURS. AUG 16, 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. SSW	Temp. ~~71~~ ~~28.96~~ °F	GF BASE OF MT. NITTANY + TUSSEY RIDGE HAZY EAST
Min. 57 °F	Vel. 3 m.p.h.	Read. 28.96 in.	
Set 60 °F	Char. light	Corr. 28.84 in.	
R.H. 81 %	24 hr. Mov. 44 mi.	Sea L. 30.17 in.	
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. / +2 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

	0700	1300	1900
Clds.	3/10 Ci	Clds.	Clds.
Wx	MISTY SUNNY	Wx	Wx
Vis.	4V10 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 61$ $T_w = 57.5$ $T_d = 55$

$T_{d\,rooms} = 54$

$\bar{T} = 69$

$DD_c = 4$ $\Sigma DD_c = 75$

$\Sigma DD_H = 0$

$\Sigma_{ppn.} = 1.97"$

Fri. August 17 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. —	Temp. 71 °F	• overnight low ~ 61		
Min. 60 °F	Vel. 0 m.p.h.	Read. 29.00 in.			
Set 64 °F	Char. Calm	Corr. 28.88 in.	Ramos: 83, 61 Overnight low: 62		
			0700	1300	1900
R.H. 90 %	24 hr. Mov. 26 mi.	Sea L. 30.19 in.	Clds. 0/10 clear	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +1 / mb	Wx • Haze • Thick fog • Ridge fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JcK	Vis. 4 mi.	Vis. mi.	Vis. mi.

$T_{Roof} = 70$ $\quad \bar{T} = 72$ $\quad \Sigma P_{CN_L} = 1.97$

$T_w = 68$ $\quad HDD = 0$

$T_d = 67$ $\quad \Sigma_{HDD} = 0$

$CDD = 7$

$\Sigma_{CDD} = 82$

Sat. August 18 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. E	Temp. 72 °F	• All ridges completely obscured		
Min. 63 °F	Vel. 1 m.p.h.	Read. 28.95 in.			
Set 66 °F	Char. Very Light	Corr. 28.82 in.	• Ranges: 87, 64 overnight low: 64		
			0700	1300	1900
R.H. 87 %	24 hr. Mov. 45 mi.	Sea L. 30.13 in.	Clds. 3/10 cirrus	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. +½ ✓ mb	Wx • Haze • Dew • Fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 2E 4W mi.	Vis. mi.	Vis. mi.

$T_{roof} = 71$ $\bar{T} = 75$ $\Sigma P_{CN_L} = 1.97"$

$T_w = 68$ $HDD = 0$

$T_d = 67$ $\Sigma HDD = 0$

$CDD = 10$

$\Sigma CDD = 92$

Sunday, August 19, 1990 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. W	Temp. 73 °F	T BEGAN 1352 LT R BEGAN 1400 LT ENDED ~1410 LT		
Min. 66 °F	Vel. 4 m.p.h.	Read. 28.85 in.	RW 1930-1955, freq RW+		
Set 69 °F	Char. light	Corr. 28.72 in.	PK WND 30mph (est) during shower rainfall amt to 07		
			0700	1300	1900
R.H. 93 %	24 hr. Mov. 40 mi.	Sea L. 30.01 in.	Clds. X	Clds.	Clds.
Ppn. Liq. 0.39 in.	Prev. Dir. SW	3 hr. Tend. — + 3/4 mb	Wx fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MSS	Vis. 1 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 68°F$ $T_{d\,rooms} = 65°F$

$T_w = 67°F$

$T_d = 66°F$

$CDD = 11$

$\Sigma CDD = 103$

$\Sigma HDD = 0$

$\bar{T} = 76°F$

$\Sigma PCN = 2.36"$

Mon. August 20 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. ENE	Temp. 70 °F	• All of Ridges and Basin obscured • NO GUST LOW
Min. 55 °F	Vel. 6 m.p.h.	Read. 29.01 in.	
Set 55 °F	Char. Steady	Corr. 28.89 in.	• RAMOS: 80 55

0700	1300	1900
Clds. 10/10 low stratus	Clds.	Clds.
Wx • ove • Fog • R-	Wx	Wx
Vis. 5 mi.	Vis. mi.	Vis. mi.

R.H.	24 hr. Mov.	Sea L.	Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Ppn. Sol.	Snow Depth	Observer
100 %	64 mi.	30.23 in.	.62 in.	NE	+2 / mb	0 in.	0 in.	JcK

$T_{Avg} = 58$ $\quad F = 67$ $\quad \Sigma ICN_L = 2.98''$

$T_w = 58$ $\quad HDD = 0$

$T_d = 58$ $\quad \Sigma HDD = 0$

$CDD = 2$

$\Sigma CDD = 105$

Tues. Aug 21, 1990 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 60* °F	Dir. E	Temp. 70 °F	R- E ~ 0900LT ocnl L- ~1900-0900 LT * - Tied record min/max (prev 1926) Cig 4V7 clgrgd Acpn vry lgt No Orrr Lo		
Min. 55 °F	Vel. 6 m.p.h.	Read. 29.01 in.			
Set 59 °F	Char. Steady	Corr. 28.89 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. 48.2 mi.	Sea L. 30.24 in.	Clds. ST 10/10 wfrm	Clds.	Clds.
Ppn. Liq. .01 in.	Prev. Dir. ENE	3 hr. Tend. √+1.0 mb	Wx L-F	Wx	Wx
Ppn. Sol. – in.	Snow Depth – in.	Observer ESP	Vis. 4 mi.	Vis. mi.	Vis. mi.

T_{roof}: 61

T_{wet}: 60

T_d: 59

$\bar{T}$: 58

H_{00}: 7

ΣH_{00}: 7

ΣC_{00}: 105

Σpcn : 2.99

Wed. August 22 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. * 63 °F	Dir. NNE	Temp. 69 °F	• Low stratus obscuring all but bases of Ridges. → 0400-0715 ET • Liquid fell as light rain + drizzle at various times * Low max (Cold: 66° 1915, 1961, 1986) • Ranges: 62, 58		
Min. 58 °F	Vel. 9 m.p.h.	Read. 28.95 in.			
Set 60 °F	Char. Steady	Corr. 28.83 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. 54 mi.	Sea L. 30.15 in.	Clds. 10/10 • Low stratus	Clds.	Clds.
Ppn. Liq. .14 in.	Prev. Dir. ENE	3 hr. Tend. +1/2 ✓ mb	Wx • OVC • Fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JcK	Vis. 5 mi.	Vis. mi.	Vis. mi.

$T_{daily} = 64$ $\overline{T} = 61$ $\Sigma Precip = 3.13''$

$T_h = 64$ $HDD = 4$

$T_l = 64$ $\Sigma HDD = 11$

$CDD = 0$

$\Sigma CDD = 105$

Thursday, August 23, 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 65* °F	Dir. ENE	Temp. 70 °F	*ties record min max (1933) • R- 0930 - 0100, 23rd (occnl R, L-) • R- 0730 - obs • all times local		
Min. 60 °F	Vel. 6 m.p.h.	Read. 28.92 in.			
Set 62 °F	Char. steady	Corr. 28.80 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. 84 mi.	Sea L. 30.11 in.	Clds. OVC - nimbostrat - stratoca.	Clds.	Clds.
Ppn. Liq. 0.89 in.	Prev. Dir. ENE	3 hr. Tend. ⌐+0.3 mb	Wx R-F	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MSS	Vis. 1 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 62°F$

$T_w = 62°F$

$T_d = 62°F$

$F = 63°F$

$HDD = 2$

$\Sigma HDD = 13$

$\Sigma CDD = 105$

$\Sigma PCN = 4.02"$

Fri. August 24 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. NE	Temp. 70 °F	• All ridges completely obscured.		
Min. 62 °F	Vel. 1-7 m.p.h.	Read. 28.93 in.	• R- 0845 - 1000 LT • L- 1600 - 1800 LT		
Set 64 °F	Char. Breezy	Corr. 28.81 in.	• Numerous other periods of on/off L- and R-, Yuck. • Ranges: 66, 61 ovnt low: 63		
			0700	1300	1900
R.H. 93 %	24 hr. Mov. 26 mi.	Sea L. 30.13 in.	Clds. X	Clds.	Clds.
Ppn. Liq. .30 in.	Prev. Dir. NE	3 hr. Tend. +½ ⁄ mb	Wx • Fog	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JcK	Vis. 2 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 64$ $\bar{T} = 64$ $\Sigma PCN_L = 4.32"$

$T_w = 63$ $HDD = 1$

$T_d = 62$ $\Sigma_{HDD} = 14$

$CDD = 0$

$\Sigma_{CDD} = 105$

Sat. Aug. 25, 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. –	Temp. 70 °F	RW 1620-1710 LT (ocnl ⟨wt) TRW- 1725-1820 few ltgcg ocnl L- 0308- obs SFC Vsby 1/8		
Min. 62 °F	Vel. Calm m.p.h.	Read. 28.98 in.			
Set 64 °F	Char. Calm	Corr. 28.86 in.	Ramos ovnt Lo: 62		
			0700	1300	1900
R.H. 100 %	24 hr. Mov. 16.7 mi.	Sea L. 30.19 in.	Clds. X	Clds.	Clds.
Ppn. Liq. .46 in.	Prev. Dir. NE → SW	3 hr. Tend. /+1.1 mb	Wx L-F	Wx	Wx
Ppn. Sol. – in.	Snow Depth – in.	Observer ESP	Vis. 1/16 mi.	Vis. mi.	Vis. mi.

T_{roof}: 63

T_{wet} : 63

T_d :63

$\bar{T}$: 69

ΣHDD: 14

CDD: 4

ΣCDD: 109

Σ pcp: 4.78"

Sunday, August 26, 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 84 °F	Dir. –	Temp. 70 °F	• SFC VSBY SLGTLY HIER RW-- 0915 LT, 25th
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.98 in.	
Set 63 °F	Char. calm	Corr. 28.86 in.	
R.H. 100 %	24 hr. Mov. 18 mi.	Sea L. 30.17 in.	
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. /+1 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MSS	

0700	1300	1900
Clds. X	Clds.	Clds.
Wx fog	Wx	Wx
Vis. 1/16 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 63°F$

$T_{wall} = 63°F$

$T_g = 63°F$

$\bar{T} = 73°F$

$CDD = 8$

$\Sigma CDD = 117$

$\Sigma HDD = 14$

$\Sigma PCN = 4.78"$

MONDAY, AUGUST 27, 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. SW	Temp. 72 °F	PATCHY GROUND FOG, HAZY, RIDGES OBSCURED
Min. 66 °F	Vel. 2 m.p.h.	Read. 28.90 in.	
Set 69 °F	Char. light	Corr. 28.77 in.	
R.H. 86 %	24 hr. Mov. 447 mi.	Sea L. 30.07 in.	
Ppn. Liq. 0.0 in.	Prev. Dir. W	3 hr. Tend. — +0 mb	
Ppn. Sol. — in.	Snow Depth 0 in.	Observer ZMB	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx ≡,00	Wx	Wx
Vis. 1V2 mi.	Vis. mi.	Vis. mi.

$T_{ROOF} = 70$ $T_W = 67$ $T_d = 65.5$

$\bar{T} = 74$ $T_{d\,ramos} = 64$

$C_{DD} = 9$ $\Sigma_{CDD} = 126$

$\Sigma_{HDD} = 14$

$\Sigma_{PAN} = 4.78"$

Tues., Aug 28, 1990 — 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 85 °F	Dir. W	Temp. 72 °F	TRW-- 0315-0415 (FQT LTG/CCG)
Min. 67 °F	Vel. 6 m.p.h.	Read. 28.70 in.	wshft/outflow passage : 0315 LT
Set 69 °F	Char. Steady	Corr. 28.57 in.	Est Gust to 50 mph : 0330 LT stronger gusts Invof SCE
R.H. 67 %	24 hr. Mov. 115.2 mi.	Sea L. 29.87 in.	Aemos over to: 68
Ppn. Liq. T in.	Prev. Dir. WSW	3 hr. Tend. L-4.5 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer ESP	

0700	1300	1900
Clds. 9/10 Ci (anvil)	Clds.	Clds.
Wx -BKN	Wx	Wx
Vis. 25 mi.	Vis. mi.	Vis. mi.

T : 70
T_{wet} : 63
Td : 58

$\bar{T}$: 76

C_{DD}: 11

ΣC_{DD}: 137

ΣH_{DD}: 14

Σpcn: 478

Wed. August 29 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	FQT General Obs.		
Max. 87 °F	Dir. SW	Temp. 72 °F	• LTG 1822 CG E 2100-		
Min. 61 °F	Vel. 3 m.p.h.	Read. 28.64 in.	• TRW - 2200 - 0130, 29th (COCNE TRW)		
Set 63 °F	Char. Light	Corr. 28.51 in.	• Pas Jump 2200		
			• 42 mph Peak Gust 2155 LT		
			• Remos:		
R.H. 90 %	24 hr. Mov. 118 mi.	Sea L. 29.82 in.	0700	1300	1900
Ppn. Liq. .38 in.	Prev. Dir. WSW	3 hr. Tend. +1 / mb	Clds. 9/10 CIRRUS	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Wx • Bm Fog • Patchy Fog	Wx	Wx
			Vis. 12 mi.	Vis. mi.	Vis. mi.

$T_{hmf} = 63$ $\bar{T} = 74$ $\Sigma PCN_L = 5.16$

$T_w = 61$ $HDD = 0$

$T_d = 60$ $\Sigma HDD = 14$

$CDD = 9$

$\Sigma CDD = 146$

Meteorological Observatory
University Park, PA

Thursday, August 30, 1990 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. —	Temp. 70 °F	• slightly hazy • creating strong glare to E
Min. 52 °F	Vel. 0 m.p.h.	Read. 28.81 in.	
Set 55 °F	Char. Calm	Corr. 28.69 in.	- ramos 77/52
R.H. 85 %	24 hr. Mov. 39 mi.	Sea L. 29.99 in.	
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. /+2 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MSS	

0700	1300	1900
Clds. CLR	Clds.	Clds.
Wx Sunny	Wx	Wx
Vis. 7 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 57°F$ $T_{d\,range} = 51°$

$T_w = 54.5°F$

$T_d = 52.5°F$

$\Sigma CDD = 146$ $HDD = 1$

$\Sigma HDD = 15$

$\bar{T} = 64°F$

$\Sigma PCN = 5.16''$

Fri. August 31 1990 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. NE	Temp. 70 °F	• 0820 LT and all is well.		
Min. 54 °F	Vel. 5 m.p.h.	Read. 29.01 in.			
Set 58 °F	Char. Steady	Corr. 28.89 in.	• Ramos: 81, 54		
			0700	1300	1900
R.H. 90 %	24 hr. Mov. 22 mi.	Sea L. 30.23 in.	Clds. 2/10 altocum.	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. ENE	3 hr. Tend. +2 / mb	Wx • m Sunny • Ridge Obsc [illegible]	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 12 mi.	Vis. mi.	Vis. mi.

$T_{avg} = 59$ $\bar{T} = 66$ $\Sigma P_{CN_L} = 5.16''$

$T_w = 57$ $HDD = 0$

$T_l = 56$ $\Sigma HDD = 15$

$CDD = 1$

$\Sigma CDD = 147$