Thursday Aug. 1 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. SW	Temp. 71 °F			
Min. 58 °F	Vel. 5 m.p.h.	Read. 28.90 in.			
Set 62 °F	Char. light	Corr. 28.78 in.			
R.H. 75 %	24 hr. Mov. 426 mi.	Sea L. 30.10 in.	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. −0.0 mb	Clds. 1/10	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAM	Wx. Bright sunshine	Wx	Wx
			Vis. 15 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 63$

$T_W = 58$

$\overline{T} = 70$

$C = 5$

$\Sigma_{PPN} = 0$

$\Sigma C_{DD} = 5$

$\Sigma H_{DD} = 0$

$T_{Dramos} = 52$

$T_D = 55$

$T_{DUNW} = 58$

Friday August 2 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 90 °F	Dir. SW	Temp. 72 °F			
Min. 62 °F	Vel. 2 m.p.h.	Read. 28.86 in.			
Set 67 °F	Char. ~~Gusty~~ Thnd	Corr. 28.73 in.	• OVNT low was 62°		
R.H. 68 %	24 hr. Mov. 97 mi.	Sea L. 30.03 in.	0700 Clds. 1/10 cirrus	1300 Clds.	1900 Clds.
Ppn. Liq. 0 in.	Prev. Dir. WSW	3 hr. Tend. +1 / mb	Wx • Sunny • Hazy	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 15 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 69$ $\quad \bar{T} = 76$ $\quad \Sigma PEN_c = 0$

$T_w = 62$ $\quad HDD = 0$

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

$CDD = 11$

$\Sigma CDD = 16$

Saturday Aug. 3, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 92 °F	Dir. SW	Temp. 71 °F	-Ac N @ OBS TIME		
Min. 63 °F	Vel. 2 m.p.h.	Read. 28.77 in.			
Set 66 °F	Char. ALMOST NON-EXISTENT	Corr. 28.65 in.			
			0700	1300	1900
R.H. 71 %	24 hr. Mov. 84.3 mi.	Sea L. 29.96 in.	Clds. 4/10 -Ci -Ac	Clds.	Clds.
Ppn. 0 Liq. in.	Prev. Dir. W	3 hr. Tend. NO CHNGE. mb	Wx MOSTLY SUNNY	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer CPB	Vis. 15 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 78$

$C_{PP} = 13$

$\sum H_{PP} = 0$

$\sum C_{PP} = 29$

$\sum_{PPN.} = NONE$

$T_{roof} = 66$

$T_W = 60$

$T_d = 56$

$T_{dRAMOS} = 53.5'$

$T_{dWW} = 57$

Sunday August 4, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. NW	Temp. 72 °F	- BINOVC OVHD (OBS TIME) * OVNGT LO ~ 68° (FR. RAMOS) RW -- ~ 2015 LT		
Min. 66 °F	Vel. 7 m.p.h.	Read. 28.74 in.			
Set 70 °F	Char. 'STEADY'	Corr. 28.62 in.			
			0700	1300	1900
R.H. 77 %	24 hr. Mov. 83.0 mi.	Sea L. 29.92 in.	Clds. 10/10 OVC.	Clds.	Clds.
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. +1.0 mb	Wx CLOUDY w/ FOG-HAZE	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer CPB	Vis. 4 1/2 6 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 77$

$C_{DD} = 12$

$\Sigma H_{DD} = 0$

$\Sigma C_{DD} = 41$

$T_{Roof} = 70$

$T_w = 65$

$T_d = 62$

$T_{d\,NW} = 63$

$T_{d\,RAMOS} = 56$

$\Sigma_{PPN.} =$ [redacted] T

Monday Aug. 5, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. NW	Temp. 73 °F	- LOW GREY AC N, W - WISPY Ci / FALL STRKS. 'OUHT' @ OBS TIME		
Min. 59 °F	Vel. 11 m.p.h.	Read. 28.91 in.			
Set 62 °F	Char. GUSTS TO 15	Corr. 28.78 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. 136.1 mi.	Sea L. 30.11 in.	Clds. - 5/10 -Ac -Ci	Clds.	Clds.
Ppn. 0 Liq. in.	Prev. Dir. W	3 hr. Tend. +1.2 mb	Wx PARTLY SUNNY	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer CPB	Vis. 10 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 71$

$C_{DD} = 6$

$\Sigma H_{DD} = 0$

$\Sigma C_{DD} = 47$

$T_{roof} = 62$

$T_W = 58$

$Td = 55$

$Td_{RAMOS} = 49$

$Td_{UPN} = 55$

$\Sigma_{PPN.} = \text{'TRACE'}$

Tues. August 6 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —	Temp. 71 °F			
Min. 50 °F	Vel. 0 m.p.h.	Read. 29.10 in.			
Set 65 °F	Char. Calm	Corr. 28.98 in.			
			0700	1300	1900
R.H. 72 %	24 hr. Mov. 71.8 mi.	Sea L. 30.33 in.	Clds. 3/10 Ci cirrhus	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. / +2.0 mb	Wx Bright sunshine	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAM	Vis. 20 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 57$ $T_{bronco} = 43$

$T_W = 52$ $T_D = 48$

$T_{town} = 50$

$\overline{T} = 64$

$HDD = 1$

$\Sigma C_{DD} = 47$

$\Sigma H_{DD} = 1$

Σ ppn = trace

Wednesday, Aug. 7, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. –	Temp. 70 °F	– BINOVC E * SW 26% – N 22% ~ OVERNIGHT LO 59°		
Min. 55 °F	Vel. 0 m.p.h.	Read. 29.10 in.			
Set 61 °F	Char. 'CALM'	Corr. 28.98 in.			
R.H. 69 %	24 hr. Mov. 32.0 mi.	Sea L. 30.32 in.	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. SW*	3 hr. Tend. +1.0 mb	Clds. ~8/10 AC Wx MOSTLY CLOUDY	Clds. Wx	Clds. Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer CPB	Vis. 15 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 69$

$C_{\gg} = 4$

$\Sigma H_{\gg} = 1$

$\Sigma C_{\gg} = 51$

$T_d = 51$

$Td_{NN} = 51$

$Td_{RAMOS} \cong 46$

$\Sigma ppn. = TRACE$

Thurs. August 8, 198

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. WSW	Temp. 72 °F	OVERNIGHT LOW = 62		
Min. 60 °F	Vel. 6 m.p.h.	Read. 28.95 in.			
Set 64 °F	Char. light	Corr. 28.82 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. 36.5 mi.	Sea L. 30.14 in.	Clds. 8/10	Clds.	Clds.
Ppn. 0 Liq. in.	Prev. Dir. S	3 hr. Tend. \ -.5 mb	Wx HAZY	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer LAM	Vis. 3\4 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 65$ $T_{Dramp} = 55$

$T_W = 63$ $T_D = 62$

$\overline{T} = 71$ $\overline{T_{O\ UNV}} = 59$

$C_{DD} = 6$

$\Sigma T_{DD} = 57$

$\Sigma H_{DD} = 1$

$\varepsilon_{PPN} = T$

Fr. Log August 9 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. NE	Temp. 74 °F	• R BEGAN 2000 LT, CONTINUED THROUGH OBS MAINLY AS R-WITH DENSE R. • FIRST MEASURABLE RAIN OF THE MONTH. • AVAT LOW: 66		
Min. 64 °F	Vel. 8 m.p.h.	Read. 28.66 in.			
Set 68 °F	Char. Steady	Corr. 28.53 in.			
R.H. 100 %	24 hr. Mov. NA mi.	Sea L. 29.83 in.	0700 Clds. 10/10 STRATUS	1300 Clds.	1900 Clds.
Ppn. Liq. .32 in.	Prev. Dir. NA	3 hr. Tend. -1 mb	Wx • FOG • R-	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JAK	Vis. 1 mi.	Vis. mi.	Vis. mi.

$\overline{T}_{Avg} = 67$ $\quad \overline{T} = 74$ $\quad \Sigma PCN_L = .52^{**}$

$T_N = 67$ $\quad HDD = 0$

$T_X = 67$ $\quad \Sigma HDD = 1$

$CDD = 9$

$\Sigma CDD = 66$

Saturday Aug. 10, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. WNW	Temp. 75 °F	R- 0800 LT - 1000 LT R- 1300 LT - 1345 LT OVNGT LO = 59		
Min. 59 °F	Vel. 5 m.p.h.	Read. 28.76 in.			
Set 61 °F	Char. GTO B	Corr. 28.63 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. 72.6 mi.	Sea L. 29.95 in.	Clds. - 6/10 Ac	Clds.	Clds.
Ppn. Liq. .06 in.	Prev. Dir. W	3 hr. Tend. +2.5 mb	Wx PTLY SUNNY	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer CPB	Vis. 15 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 66$

$C_{77} = 1$

$\Sigma H_{77} = 1$

$\Sigma C_{77} = 67$

$T_{roof} = 61$

$T_W = 57$

$T_d = 54$

$T_{d\,MIN} = 57$

$T_{d\,RAMOS} = 49$

$\Sigma\, PPN. = .37''$

Sunday Aug. 11, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. NW	Temp. 74 °F	overnight LOW = 61		
Min. 61 °F	Vel. 10 3.18 m.p.h.	Read. 28.85 in.			
Set 64 °F	Char. gusty	Corr. 28.72 in.			
R.H. 70 %	24 hr. Mov. 133.6 mi.	Sea L. 30.03 in.	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +1 mb	Clds. 3/10 :ci :cu	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer CAH	Wx Beautiful!	Wx	Wx
			Vis. 25 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 64$ $T_{Dramos} = 49$

$T_W = 58$ $T_D = 54$

$\overline{T} = 70$ $T_{D\,MW} = 56$

$C_{DD} = 5$

$\Sigma C_{DD} = [redacted]72$

$\Sigma H_{DD} = 1$

$\Sigma ppn = .37''$

Monday August 12 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —	Temp. 73 °F			
Min. 56 °F	Vel. 0 m.p.h.	Read. 29.01 in.			
Set 61 °F	Char. Calm	Corr. 28.88 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. 78 mi.	Sea L. 30.20 in.	Clds. 1/10 clear	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +1 / mb	Wx Sunny Fog in Hills	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JK	Vis. 20 mi.	Vis. mi.	Vis. mi.

$T_{avg} = 64$ $\quad \overline{T} = 68$ $\quad \Sigma_{PCN_L} = .37"$

$T_w = 59$ $\quad HDD = 0$

$T_d = 56$ $\quad \Sigma_{HDD} = 1$

$CDD = 3$

$\Sigma_{CDD} = 75$

Tues. August 13 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. NE	Temp. 74 °F			
Min. 58 °F	Vel. 4 m.p.h.	Read. 28.93 in.			
Set 61 °F	Char.	Corr. 28.80 in.			
			0700	1300	1900
R.H. 75 %	24 hr. Mov. 21.7 mi.	Sea L. 30.13 in.	Clds. 2/10 : Ci : Cu : contrails	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. NNE	3 hr. Tend. − 0 mb	Wx sunny & cool	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAM	Vis. 20 mi.	Vis. mi.	Vis. mi.

$T_{NOR} = 65$ $T_{Dranos} = 53$

$T_W = 60$ $T_D = 57$

$\overline{T} = 70$ $T_{D\,UNV} = 58$

$C_{DD} = 5$

$\Sigma C_{DD} = 80$

$\Sigma H_{DD} = 1$

$\Sigma_{PPN} = .37"$

WED. AUG. 14, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. —	Temp. 74 °F	BKN LAYERS of ALTCU + CIRSTR DISC of SUN VISIBLE THRU CIRR		
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.85 in.			
Set 68 °F	Char. CALM	Corr. 28.72 in.	OVRNT LO ≈ 66		
R.H. 68 %	24 hr. Mov. 26.4 mi.	Sea L. 30.03 in.	0700	1300	1900
Ppn. 0 Liq. in.	Prev. Dir. WSW	3 hr. Tend. +1.0 / mb	Clds. 9/10	Clds.	Clds.
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JHM	Wx MISTY CLDY	Wx	Wx
			Vis. 15 mi.	Vis. mi.	Vis. mi.

$T_{ROOF} = 69$ $T_W = 62$ $T_d = 58$

$T_{d\ LAWN} = 54$

$T_{d\ UNW} = 59$

$\bar{T} = 74$

$C_{DD} = 9$

$\Sigma_{CDD} = 89$ $\Sigma_{HDD} = 1$

$\Sigma_{PPN.} = 0.37"$

Thursday Aug 15, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. W	Temp. 74 °F	RW- ~0600 LT		
Min. 65 °F	Vel. 4 m.p.h.	Read. 28.60 in.			
Set 67 °F	Char. light	Corr. 28.67 in.	0700	1300	1900
R.H. 75%	24 hr. Mov. 63.1 mi.	Sea L. 29.99 in.	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .01 in.	Prev. Dir. SSW	3 hr. Tend. +1.0 mb	Wx OVC	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAM	Vis. 5 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 67$ $T_{room} = 56$

$T_W = 62$ $T_D = 59$

$\overline{T} = 75$

$C = 10$

$\Sigma C_{DD} = 99$

$\Sigma H_{DD} = 1$

$\Sigma_{ppn} = .38$

FRI. AUG. 16, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. SW	Temp. 78 °F	RW-, OCNL RW, TRW 0920 - 1045 LT FQT T HEARD 1600 - 1630 LT (15 SOUTH OF STATION)
Min. 62 °F	Vel. 8 m.p.h.	Read. 28.93 in.	
Set 66 °F	Char. STDY	Corr. 28.79 in.	
R.H. 75 %	24 hr. Mov. 67.6 mi.	Sea L. 30.12 in.	
Ppn. Liq. .25 in.	Prev. Dir. SW	3 hr. Tend. +2.0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 6/10 Ci	Clds.	Clds.
Wx HAZY	Wx	Wx
Vis. 7 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 65$ $T_w = 60$ $T_d = 57$

$T_{d\,range} = 52$

$T_{d\,low} = 61$

$\bar{T} = 72$

$D_{DD} = 7$ $\Sigma_{CDD} = 106$

$\Sigma_{HDD} = 1$

$\Sigma_{PPN} = 0.63''$

Saturday August 17 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. —	Temp. 72 °F			
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.08 in.			
Set 63 °F	Char. Calm	Corr. 28.75 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. 59 mi.	Sea L. 30.07 in.	Clds. 0/10 clear	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SSW	3 hr. Tend. ±0 — mb	Wx • Thick Haze • Sun	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 4 to 6 mi.	Vis. mi.	Vis. mi.

$T_{Adj} = 65$ $\bar{T} = 74$ $\Sigma_{PCN_c} = 0.63"$

$T_w = 61$ $HDD = 0$

$T_d = 59$ $\Sigma_{HDD} = 1$

$cDD = 9$

$\Sigma_{cDD} = 115$

SUN. AUG. 18, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 89 °F	Dir. WSW	Temp. 72 °F	THN SPTS IN OVC FEW RW-- 0300-0700 LT RW- ~0700-0720 OVRNT LO ~ 65
Min. 63 °F	Vel. 3 m.p.h.	Read. 28.73 in.	
Set 66 °F	Char. light	Corr. 28.60 in.	
R.H. 85 %	24 hr. Mov. 108.1 mi.	Sea L. 29.91 in.	
Ppn. Liq. .02 in.	Prev. Dir. SW	3 hr. Tend. /+1.0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx OVC	Wx	Wx
Vis. 7 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 65$ $T_w = 62$ $T_d = 60.5$

$T_{d\,RAMS} = 57$

$T_{d\,HW} = 63$

$\bar{T} = 76$

$C_{DD} = 11$

$\Sigma_{CDD} = 126$ $\Sigma_{HDD} = 1$

$\Sigma_{PPN.} = 0.65''$

MON. AUG. 19, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. NNE	Temp. 72 °F	RW-, L 0820-1020 LT (.02")
Min. 66 °F	Vel. 7 m.p.h.	Read. 28.64 in.	RW-, TRW 1520 ~ 1600 LT (.16")
Set 67 °F	Char. VAR:2-10	Corr. 28.51 in.	TRW- ~ 2040 - 2115 (EST) (.01")
R.H. 95 %	24 hr. Mov. 29.2 mi.	Sea L. 29.82 in.	
Ppn. Liq. 0.19 in.	Prev. Dir. SW→E	3 hr. Tend. ✓ +0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx OVC/FOG	Wx	Wx
Vis. 3/4 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 67$ $T_w = 66$ $T_d = 65.5$

$T_{d\,range} = 60$

$T_{d\,MW} = 66$

$\overline{T} = 71$

$C_{DD} = 6$ $\mathcal{E}_{CDD} = 132$

$\mathcal{E}_{HDD} = 1$

$\mathcal{E}_{PPN} = 0.84"$

Tuesday Aug 20, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. ENE	Temp. 71 °F	TRW- ~ 1805 LT TRN ~ 1815 LT TRW+N 1830 LT REM1910Z RW- ~ 0010 LT RE ~0025 LT (over)		
Min. 62 °F	Vel. 8 m.p.h.	Read. 28.68 in.			
Set 62 °F	Char. light	Corr. 28.56 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. 49.1 mi.	Sea L. 29.88 in.	Clds. 10/10	Clds.	Clds.
Ppn. Liq. 1.17 in.	Prev. Dir. N	3 hr. Tend. v. 5 mb	Wx OVC with fog & DRIZZLE	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAM	Vis. 1 mi.	Vis. mi.	Vis. mi.

$T_{max} = 62$ T_D Ramos $= 56$

$T_W = 62$ $T_D = 62$

$\overline{T} = 72$ $T_{DUNV} = 61$

$C_{DD} = 7$

$\Sigma C_{DD} = 139$

$\Sigma H_{DD} = 1$

$\Sigma_{PPN} = 2.01''$

RW- N 0730 LT
-obs

Wednesday August 21, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 69* °F	Dir. SW	Temp. 75 °F	RW-, OCNL RW and RW+ nobs → c. 1200 LT (.53")		
Min. 59 °F	Vel. 3 g16 m.p.h.	Read. 28.79 in.	RW-, TRW- 1740 - 1810 LT (.02")		
Set 60 °F	Char. light	Corr. 28.66 in.	* LOWEST MAX SINCE JUNE 3		
			0700	1300	1900
R.H. 83 %	24 Hr. Mov. 29.7 mi.	Sea L. 29.98 in.	Clds. 3/10	Clds.	Clds.
Ppn. Liq. .55*** in.	Prev. Dir. SW	3 hr. Tend. /+1.5 mb	Wx cool & sunny	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAH	Vis. 5 mi.	Vis. mi.	Vis. mi.

$T_{Bmax} = 59$ $T_{Dramos} = 50$

$T_W = 56$ $T_D = 54$

$\overline{T} = 64$ $T_{D\,UNV} = 58$

$H_{DD} = 1$

$\Sigma H_{DD} = 2$

$\Sigma C_{DD} = 139$

$\Sigma_{PPN} = 2.56''$

** 2 DAY TOTAL = 1.72"
LARGEST 2 DAY TOTAL SINCE OCT. 11-12, '90

Thursday August 22 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.
Max. 69 °F	Dir. —	Temp. 77 °F
Min. 55 °F	Vel. 0 m.p.h.	Read. 28.95 in.
Set 57 °F	Char. calm	Corr. 28.81 in.
R.H. 90 %	24 hr. Mov. 66 mi.	Sea L. 30.14 in.
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. +1½ mb
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK

General Obs.

• Sprinkle at ~ 1500 LT (there was a solid deck of Dark Stratocum much of the day.)

0700	1300	1900
Clds. 2/10 altocum	Clds.	Clds.
Wx • M cunny • Ridge Base Fog	Wx	Wx
Vis. 15 mi.	Vis. mi.	Vis. mi.

$T_{Avg} = 59$ $\quad \overline{T} = 62$ $\quad \Sigma PCN_L = 2.56"$

$T_w = 57$ $\quad HDD = 3$

$T_d = 56$ $\quad \Sigma HDD = 5$

$CDD = 0$

$\Sigma CDD = 139$

Meteorological Observatory
University Park, PA

Friday August 23 1991 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 79 °F	Dir. —	Temp. 71 °F	
Min. 57 °F	Vel. 0 m.p.h.	Read. 28.97 in.	• Overt low: 64
Set 64 °F	Char. Calm	Corr. 28.85 in.	
R.H. 76 %	24 hr. Mov. 69 mi.	Sea L. 30.16 in.	
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +1½ mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JK	

	0700	1300	1900
Clds	4/10 altocum	Clds.	Clds.
Wx	• Haze, Fog • Pdy Cldy	Wx	Wx
Vis.	10 mi.	Vis. mi.	Vis. mi.

$T_{Roof} = 68$ $\bar{T} = 68$ $\Sigma_{PCN_L} = 2.56''$

$T_w = 63$ $HDD = 0$

$T_d = 60$ $\Sigma_{HDD} = 5$

$CDD = 3$

$\Sigma_{CDD} = 142$

Saturday Aug. 24, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. NE	Temp. 72 °F	RW - 1238 LT (RE ~1240)
Min. 64 °F	Vel. 4 m.p.h.	Read. 29.14 in.	RW -- 1502-1510 LT
Set 66 °F	Char. GUSTS TO 10	Corr. 29.01 in.	RW - 1825-1840 LT
R.H. 84 %	24 hr. Mov. 27.4 mi.	Sea L. 30.34 in.	
Ppn. Liq. .01 in.	Prev. Dir. S	3 hr. Tend. +1.2 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer CPB	

0700	1300	1900
Clds. 3/10 - Ac	Clds.	Clds.
Wx HAZY SUN	Wx	Wx
Vis. 6 v. 8 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 73$

$C_{DD} = 8$

$\Sigma H_{DD} = 5$

$\Sigma C_{DD} = 150$

$\Sigma_{PPN.} = 2.57"$

$T_{roof} = 66$

$T_w = 63$

$Td_{RAMOS} = 57$

$Td_{MNV} = 61$

$Td = 61$

SUNDAY AUG. 25, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 79 °F	Dir. E	Temp. 72 °F	FOG THROUGHOUT THE AREA
Min. 66 °F	Vel. 6 m.p.h.	Read. 29.24 in.	
Set 68 °F	Char. VAR	Corr. 29.11 in.	
R.H. 84 %	24 hr. Mov. 48.2 mi.	Sea L. 30.44 in.	
Ppn. — Liq. in.	Prev. Dir. NE	3 hr. Tend. +2 mb	
Ppn. — Sol. in.	Snow Depth — in.	Observer SC	

0700	1300	1900
Clds. 10/10	Clds.	Clds.
Wx OVC	Wx	Wx
Vis. 3 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 72$

$CDD = 7$

$\Sigma HDD = 5$

$\Sigma CDD = 157$

$\Sigma PPN = 2.57"$

$T_{ROOF} = 68$

$T_W =$

$T_{d\,RAMOS} = 58$

$T_{d\,UNV} = 63$

$T_d = 61$

Monday Aug. 26, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 75 °F	Dir. SW	Temp. 70 °F	- SUN DIMLY VSBL. @ OBS TIME
Min. 59 °F	Vel. 3 m.p.h.	Read. 29.20 in.	
Set 64 °F	Char. VRY. LGT.	Corr. 29.08 in.	
R.H. 84 %	24 hr. Mov. 58.0 mi.	Sea L. 30.42 in.	
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. STDY, mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer CPB	

0700	1300	1900
Clds. - 6/10 Ac	Clds.	Clds.
Wx FOG/ HAZE	Wx	Wx
Vis. 2v.4 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 67$

$C_{DD} = 2$

$\Sigma H_{DD} = 5$

$\Sigma C_{DD} = 159$

$\Sigma_{PPN.} = 2.57"$

$T_{roof} = 64$

$T_w = 61$

$T_d = 59$

$T_{d_{RAMOS}} = 55$

$T_{d\ MW} = 61$

TUES. AUG. 27, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. —	Temp. 70 °F			
Min. 58 °F	Vel. 0 m.p.h.	Read. 29.13 in.			
Set 61 °F	Char. Calm	Corr. 29.01 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. 57.9 mi.	Sea L. 30.33 in.	Clds. 0/10	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. N	3 hr. Tend. +1.5/ mb	Wx FOG/HAZE	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer SC	Vis. ½-1½ mi.	Vis. mi.	Vis. mi.

$\bar{T} = 68$

$C_{DD} = 3$

$\Sigma H_{DD} = 5$

$\Sigma C_{DD} = 162$

$\Sigma PPN = 2.57''$

$T_D = 59$

$T_W = 61$

$T_{Rock} = 64$

$T_{dramos} = 54$

$T_{dune} = 60$

Wednesday, August 28, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. —	Temp. 72 °F			
Min. 61 °F	Vel. 0 m.p.h.	Read. 29.08 in.			
Set 68 °F	Char. CALM	Corr. 28.95 in.	OVERNIGHT LOW = 68		
			0700	1300	1900
R.H. 90 %	24 hr. Mov. 483 mi.	Sea L. 30.26 in.	Clds. 3/10 Ci	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SSW	3 hr. Tend. +1.0 mb	Wx HAZY SUN	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAM	Vis. 5 V.B mi.	Vis. mi.	Vis. mi.

$T_{roof} = 68$ $T_{D\,mmos} = 59$

$T_w = 66$ $T_D = 65$

$\overline{T} = 74$ $T_{D\,UNV} = 62$

$C_{DD} = [redacted]9$

$\Sigma_{HDD} = 5$

$\Sigma_{CDD} = [redacted]171$

$\Sigma_{PPN} = 2.57"$

Thursday August 29 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. —	Temp. 73 °F			
Min. 66 °F	Vel. 0 m.p.h.	Read. 29.05 in.			
Set 68 °F	Char. Calm	Corr. 28.92 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. 34 mi.	Sea L. 30.23 in.	Clds. -X	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +½ — mb	Wx • Thick Haze • Dim Sun	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer Jck	Vis. 1v.2 mi.	Vis. mi.	Vis. mi.

$T_{pool} = 70$ $\overline{T} = 77$ $\Sigma P_{CN_L} = 2.57"$

$T_w = 68$ $HDD = 0$

$T_l = 67$ $\Sigma_{HDD} = 5$

$CDD = 12$

$\Sigma_{CDD} = 183$

Friday August 30 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 90 °F	Dir. —	Temp. 73 °F			
Min. 64 °F	Vel. 0 m.p.h.	Read. 28.91 in.			
Set 67 °F	Char. Calm	Corr. 28.78 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. 17 mi.	Sea L. 30.09 in.	Clds. 0/10 cla	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. ±0 — mb	Wx · Thick Haze · Subdued Sun	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 2 v. 3 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 69$ $\bar{T} = 77$ $\Sigma_{PCN_L} = 2.57''$

$T_w = 67$ $HDD = 0$

$T_l = 66$ $\Sigma_{HDD} = 5$

$CDD = 11$

$\Sigma_{CDD} = 194$

Sat. August 31, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 92 °F	Dir. WNW	Temp. 73 °F	Overnight Low = 71		
Min. 67 °F	Vel. 2 m.p.h.	Read. 28.78 in.	LTHC ~ 0645 LT RW - ~ 0705 LT TRW ~ 0710 LT TRWOK 0717 LT		RW ~ 0717 LT
Set 71 °F	Char. very light	Corr. 28.65 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. 529 mi.	Sea L. 29.99 in.	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .17 in.	Prev. Dir. SW	3 hr. Tend. ↗ +1.5 mb	Wx Gray & Rainy	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LAM	Vis. 1½ mi.	Vis. mi.	Vis. mi.

$T_{roof} = 69$

$T_W = 68$

$\overline{T_R} = 79$

$C_{DD} = 14$

$\Sigma_{HDD} = 5$

$\Sigma_{CDD} = 208$

$\Sigma_{PPN} = 2.74''$

$T_{Dramos} = 61$

$T_D = 69$

$T_{D\,UNV} = 68$