

Saturday, May 1, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F	Dir. -	Temp. 72 °F	FRPPH ~ 1700 LT FOG AT BASE OF MTS.			
Min. 46 °F	Vel. Ø m.p.h.	Read. 29.01 in.				
Set 54 °F	Char. Calm	Corr. 28.88 in.	0700	1300	1900	
R.H. 72 %	24 hr. Mov. NK mi.	Sea L. 30-24 in.	Clds. 1/10	Clds.	Clds. 2/10 C:	
Ppn. Ø in.	Liq. NK	Prev. Dir.	3 hr. Tend. +2.31 mb	Wx pleasantly cool	Wx mild	
Ppn. Ø in.	Sol. Ø in.	Snow Depth Ø in.	Observer JGG	Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

$$T = 60$$

$$HDD = 5$$

$$\Sigma HDD = 5$$

$$\Sigma PEN_L = \emptyset$$

$$\Sigma PEN_S = \emptyset$$

$$T_{ROOF} = 57$$

$$T_W = 54$$

$$T_b = 50$$

$$T_{D,RANDS} = 45$$

$$T_{b,UNV} = 46$$

Sunday, 07 May 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. NE	Temp. 72 °F			
Min.	50 °F	Vel. 2 m.p.h.	Read. 29.05 in.			
Set	53 °F	Char. breezy	Corr. 28.92 in.			
R.H.	52 %	24 hr. Mov. NA mi.	Sea L. 30.28 in.	0700 Clds. 0/10	1300 Clds.	1900 Clds. 0/10
Ppn.	0 in.	Prev. Dir. N/A	3 hr. Tend. +1.0/mb	Wx mild, hazy light winds	Wx	Wx (Tranquil)
Ppn.	0 in.	Snow Depth 0 in.	Observer MHB	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$$T_{\text{roof}} = 52$$

$$T_w = 44$$

$$T_d = 35$$

$$T_{\text{d Ramos}} = 34$$

$$T_{\text{d un}} = 34$$

$$\bar{T} = 64$$

$$HDD = 1$$

$$\sum HDD = 6$$

$$\sum PCN_L = 0$$

$$\sum PCN_S = 0$$

Monday, May 3, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. ESE	Temp. 72 °F				
Min. * 53 °F	Vel. 615 9 m.p.h.	Read. 29.12 in.				
Set 59 °F	Char. Quite Variable	Corr. 28.99 in.	*- QMVT LOW - 58			
R.H. 74 %	24 hr. Mov. NA mi.	Sea L. 30.33 in.	0700 Clds. 9/10 -	1300 Clds.	1900 Clds. 10/10 - Ci	
Ppn. ∅ in.	Liq. Prev. Dir. NA	3 hr. Tend. +1.81 mb	Wx H	Wx	Wx Thin Ovc, Hazy, mild	
Ppn. ∅ in.	Sol. Snow Depth ∅ in.	Observer JGG	Vis. 7 mi.	Vis. mi.	Vis. 12 mi.	

$$T = 66$$

$$HOB = \emptyset \quad COO = 1$$

$$\Sigma HOB = 6 \quad \Sigma COO = 1$$

$$\Sigma PENL = \emptyset$$

$$\Sigma PEN5 = \emptyset$$

$$T_{PROB} = 60$$

$$T_{OW} = 55$$

$$T_D = 51.5$$

$$T_{DROPS} = 44$$

$$T_{DOWN} = 44$$

Tuesday, May 4, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	SE	Temp.	72 °F			
Min.	57 °F	Vel.	8 m.p.h.	Read.	29.06 in.			
Set	59 °F	Char.	4 v. 12	Corr.	28.93 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov.	NA mi.	Sea L.	30.27 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	+25 mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	Wx	Wx	Wx
				Observer	HDS	Vis.	Vis.	Vis.
				Observer	HDS	8 mi.	mi.	6 mi.

0700 Clds. 19/10 Sc
Wx A bit Muggy, cool
Wx Cool, Cloudy
1900 Clds. - 10/10 Sk.
Wx Cool, Cloudy
Vis. 6 mi.

$\bar{T} = 66$
HDD = 0 CDD = 1
 $\Sigma \text{HDD} = 6$ $\Sigma \text{CDD} = 2$
 $\Sigma \text{PCN}_L = 0$
 $\Sigma \text{PCN}_S = 0$

$T_{\text{roof}} = 57$ $T_w = 53.5$ $T_D = 51$
 $T_{\text{sun}} = 48$
 $T_{\text{frames}} = 47$

Wednesday May 5, 1993 0000 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 63 °F	Dir. S	Temp. 72 °F	* OVERNIGHT LOW ~ 59° RN-- ~ 0900 LT			
Min. 59 °F	Vel. 3 m.p.h.	Read. 28.95 in.	1100 LT 1615 LT			
Set 61 °F	Char. 'LIGHT'	Corr. 28.82 in.	TRN 10 LT / TRN-0320-0335 (over) 4			
R.H. 93 %	24 hr. Mov. N/A mi.	Sea L. 30.16 in.	Clds. -19 Str.	1300	1900	Clds. 8/10 SC
Ppn. Liq. 0.58 in.	Prev. Dir. N/A	3 hr. Tend. +1.0 mb	Wx D	Wx	Wx mild, humid light wuds	Vis. light wuds
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer CPB	Vis. 4 v. 6 mi.	Vis.	mi.	2.0 mi.

$$\bar{T} = 61$$

$$H_{\text{DD}} = 4$$

$$\sum C_{\text{DD}} = 2$$

$$\sum H_{\text{DD}} = 10$$

$$\sum \text{ppn.L} = 0.58''$$

$$\sum \text{ppn.S} = 0$$

$$T_d = 59$$

$$T_w = 60$$

$$T_{d, \text{ppn}} = 55$$

$$T_{d, \text{RAMOS}} = 52$$

RW 0330-0415 LT
(OCL RW+)
BRIGHTER SKY 5:16
@ OBS TIME

Thursday, 06 May 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. W	Temp. 72 °F	RW- 1150 - 1305 LT TB 1159 LT LTG IC			
Min. 55 °F	Vel. 7 m.p.h.	Read. 28.87 in.	TRW A (brief pea-sized hail) 1207 LT - 1230 LT penultic cell pen. 8:30 ^h over			
Set 59 °F	Char. breezy	Corr. 28.74 in.	0700	1300	1900	
R.H. 78 %	24 hr. Mov. N/A mi.	Sea L. 30.07 in.	Clds. 5/10 SC	Clds.	Clds. 0/10	
Ppn. .41 in.	Liq. N/A	Prev. Dir.	3 hr. Tend. +1 ✓ mb	Wx mild, light winds, haze	Wx Breezy + warm	
Ppn. 0 in.	Sol. 0 in.	Snow Depth	Observer MHB	Vis. 5 H mi.	Vis. mi. 25 mi.	

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

$$T_w = 55$$

$$T_d = 52$$

$$T_{d_{\text{Rames}}} = 49$$

$$T_{d_{\text{unv}}} = 51$$

Rw - 1520 LT (very brief)

Rw - 1905 - 1920 LT

$$\bar{T} = 65$$

$$HDD = 0$$

$$CDD = 0$$

$$\sum HDD = 10$$

$$\sum CDD = 2$$

$$\sum PCN_L = 0.99''$$

$$\sum PCN_S = 0$$

Friday, May 7, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —	Temp. 74 °F	- Hazy in valley to E			
Min. 46 °F	Vel. 0 m.p.h.	Read. 29.00 in.				
Set 51 °F	Char. Calm	Corr. 28.87 in.	0700	1300	1900	
R.H. 72 %	24 hr. Mov. N/A mi.	Sea L. 30.23 in.	Clds. 0/10	Clds.	Clds.	
Ppn. 0 in.	Liq. N/A	Prev. Dir.	3 hr. Tend. +1.5/mb	Wx Clear, Cool + Calm	Wx	Wx
Ppn. 0 in.	Sol.	Snow Depth 0 in.	Observer HDS	Vis. 20 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 62$
HDD = 3
CDD = 0
 $\Sigma \text{HDD} = 13$
 $\Sigma \text{CDD} = 2$
 $\Sigma \text{PCN}_e = .99''$
 $\Sigma \text{PCN}_s = 0$

$T_{\text{roof}} = 55$ $T_w = 50$

$T_o = 46$
 $T_{\text{omnos}} = 41$
 $T_{\text{O UNV}} = 43$

Saturday, May 8, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. N	Temp. 69 °F			
Min.	45 °F	Vel. 3 m.p.h.	Read. 29.06 in.			
Set	51 °F	Char. Light	Corr. 28.94 in.			
R.H.	64 %	24 hr. Mov. NA mi.	Sea L. 30.30 in.	0700 Clds. 0/10	1300 Clds.	1900 Clds. 5/10 Ci
Ppn.	0 in.	Prev. Dir. NA	3 hr. Tend. +1.3 / mb	Wx Few CONTAILS	Wx	Wx Nice SUNSET 70°
Ppn.	0 in.	Snow Depth 0 in.	Observer DLD	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.

$$\bar{T} = 60$$

$$T_{roof} = 53$$

$$T_w = 47$$

$$T_D = 41$$

$$HDD = 5$$

$$T_{D,RAMOS} = 35$$

$$CDD = 0$$

$$T_{DUVV} = 36$$

$$\Sigma HDD = 18$$

$$\Sigma CDD = 2$$

$$\Sigma PCN_L = 0.99''$$

$$\Sigma PCN_S = 0$$

SUNDAY, May 9, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. —	Temp. 69 °F	- HAZE in Valley to E OVERNITE LO = 54		
Min.	51 °F	Vel. 0 m.p.h.	Read. 29.03 in.			
Set	58 °F	Char. CALM	Corr. 28.91 in.			
R.H.	63 %	24 hr. Mov. NA mi.	Sea L. 30.25 in.	Clds. 0/10	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. NA	3 hr. Tend. +1.07 mb	Wx clear & mild	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer DLD	Vis. 20 mi.	Vis. mi.	Vis. mi.

$$\bar{T} = 65$$

$$HDD = 0$$

$$CDD = 0$$

$$\Sigma HDD = 18$$

$$\Sigma CDD = 2$$

$$\Sigma PCN_L = 0.99''$$

$$\Sigma PCN_S = 0$$

$$T_{\text{roof}} = 60 \quad T_W = 56 \quad T_D = 47$$

$$T_{\text{DRAMOS}} = 47$$

$$T_{\text{DUNV}} = 45$$

MON MAY 10, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir.	Temp.			
		—	77 °F			
Min.	57 °F	Vel.	Read.			
		0 m.p.h.	29.03 in.			
Set	61 °F	Char.	Corr.	0700	1300	1900
		CALM	28.89 in.			
R.H.	79 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
			30.22 in.	3/10 ci		5/10 AC
Ppn.	0 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
			141.0 mb	HAZY		Hazy & Mild 76°
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0 in.		0 in.	JHM	3 Y8 mi.		8 mi.

$$\bar{T} = 71$$

$$T_{\text{roof}} = 63 \quad T_w = 58$$

$$T_d = 54.5$$

$$T_{d(\text{mm})} = 51$$

$$T_{d(\text{mm})} =$$

$$C_{DD} = 6$$

$$\sum C_{DD} = 8$$

$$\sum I_{DD} = 18$$

$$\sum \text{pen.} = 0.99''$$

Tuesday, May 11, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. SW	Temp. 70 °F	- Thunder heard S 1730 LT - Dissipating Fog PENNS Valley @ OBS			
Min. 57 °F	Vel. 5 m.p.h.	Read. 28.88 in.				
Set 61 °F	Char. Light	Corr. 28.76 in.				
R.H. 75 %	24 hr. Mov. NA mi.	Sea L. 30.09 in.	Clds. 0/10	Clds. 0/10	Clds. 0/10	
Ppn. 0 in.	Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. -0.5 \ mb	Wx Hazy	Wx Wx Breezy & mild; Dry	
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 3 V 5 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 71$$

$$HDD = 0$$

$$CDD = 6$$

$$\Sigma CDD = 14$$

$$\Sigma HDD = 18$$

$$\Sigma PCN_L = 0.99''$$

$$\Sigma PCN_S = 0$$

$$T_{roof} = 62 \quad T_w = 60 \quad T_o = 54$$

$$T_{DRAMOS} = 52$$

$$T_{DUVV} = 53$$

Wednesday May 12, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F		Dir. W	Temp. 77 °F			
Min. 57 °F		Vel. 7 m.p.h.	Read. 28.62 in.			
Set 59 °F		Char. Steady	Corr. 28.48 in.	0700	1300	1900
R.H. 58 %		24 hr. Mov. NA mi.	Sea L. 29.80 in.	Clds. 7/10 Ci	Clds.	Clds. 5/10 As
Ppn. 0	Liq. in.	Prev. Dir. NA	3 hr. Tend. -0.97 mb	Wx Breezy & Mild	Wx	Wx MOT Cu N Hazy
Ppn. 0	Sol. in.	Snow Depth 0 in.	Observer DLD	Vis. 25 mi.	Vis. mi.	Vis. 12 mi.

$$\bar{T} = 72$$

$$\text{HDD} = 0$$

$$\text{CDD} = 7$$

$$\Sigma \text{CDD} = 21$$

$$\Sigma \text{HDD} = 18$$

$$\Sigma \text{PCN}_L = 0.99''$$

$$\Sigma \text{PCN}_S = 0$$

$$T_{\text{roof}} = 59 \quad T_w = 51 \quad T_o = 44$$

$$T_{\text{DRAMOS}} = 39$$

$$T_{\text{OJUV}} = 39$$

Thursday May 13, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. N	Temp. 70 °F	TRW-- 1600 - 1640 LT Blowing 'Pollen' (T precip.) Pk Gust 56 MPH Prs Jmp 1.0 mb 1630			
Min. 51 °F	Vel. 9 m.p.h.	Read. 28.53 in.	TRW-~ 2330 (PRECIP. OVER WITH THIS BUREAU)			
Set 51 °F	Char. Steady	Corr. 28.41 in.	0700	1300	1900	
R.H. 63 %	24 hr. Mov. NA mi.	Sea L. 29.75 in.	Clds. 10/10 ~	Clds.	Clds. 1/10 Ci	
Ppn. 0.03 in.	Liq. Prev. Dir. NA	3 hr. Tend. +1.7 mb	Wx Gray & chilly	Wx	Wx Superb! 63°	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer DLD	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 66$$

$$HDD = 0$$

$$CDD = 1$$

$$\Sigma CDD = 22$$

$$\Sigma HDD = 18$$

$$\Sigma PCN_L = 1.02''$$

$$\Sigma PCN_S = 0$$

$$T_{\text{roof}} = 51 \quad T_w = 45 \quad T_D = 39$$

$$T_{\text{DRAMOS}} = 36$$

$$T_{\text{DOWNV}} = 35$$

Friday May 14, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir.	Temp.			
		—	73 °F			
Min.	40 °F	Vel.	Read.			
		0 m.p.h.	28.64 in.			
Set	44 °F	Char.	Corr.			
		CALM	28.51 in.	0700	1300	1900
R.H.	76 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		NA mi.	29.87 in.	0/10		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx Ci NW,	Wx	Wx
0	in.	NA	+1.3 / mb	cool		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	DLD	25 mi.	mi.	mi.

$$\bar{T} = 53$$

$$\text{HDD} = 12$$

$$\text{CDD} = 0$$

$$\Sigma \text{HDD} = 30$$

$$\Sigma \text{CDD} = 22$$

$$\Sigma \text{PCN}_L = 1.02''$$

$$\Sigma \text{PCN}_S = 0$$

$$T_{\text{roof}} = 45 \quad T_w = 41 \quad T_D = 36$$

$$T_{\text{atmos}} = 33$$

$$T_{\text{soil}} = 35$$

Saturday, May 15, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. SSW	Temp. 69 °F				
Min. * 44 °F	Vel. 6.18 10 m.p.h.	Read. 28.58 in.				
Set 60 °F	Char. Steady	Corr. 28.46 in.	*UNT low = 52			
R.H. 56 %	24 hr. Mov. NA mi.	Sea L. 29.78 in.	0700	1300	1900	
Ppn. ∅	Liq. in.	Prev. Dir. NA	3 hr. Tend. +0.3 mb	Wx Sunny + Pleasant	Wx	Wx
Ppn. ∅	Sol. in.	Snow Depth ∅ in.	Observer JGG	Vis. 25 mi.	Vis. mi.	Vis. mi.

$$\bar{T} = 57$$

$$HDD = 8$$

$$CDD = \emptyset$$

$$\Sigma HDD = 38$$

$$\Sigma CDD = 22$$

$$\Sigma PN_{\#} = 1.02''$$

$$\Sigma PVS = \emptyset$$

$$T_{ROOF} = 63$$

$$T_W = 54$$

$$T_0 = 47$$

$$T_{RANGE} = 39$$

$$T_{DOWN} = 38$$

SUNDAY MAY 16, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. NW	Temp. 71 °F	LTGIC N ~ 2300 LT		
Min.	54 °F	Vel. 4 m.p.h.	Read. 28.74 in.			
Set	55 °F	Char. Light	Corr. 28.61 in.	0700	1300	1900
R.H.	59 %	24 hr. Mov. NA mi.	Sea L. 29.94 in.	Clds. 7/10 Ci	Clds.	Clds. 10/10 ✓
Ppn.	0 in.	Prev. Dir. NA	3 hr. Tend. +1.8 / mb	Wx AC S & E	Wx	Wx OVC
Ppn.	0 in.	Snow Depth 0 in.	Observer DLD	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 67$$

$$T_{\text{roof}} = 55 \quad T_w = 48 \quad T_o = 41$$

$$HDD = 0$$

$$T_{\text{DRAINOS}} = 37$$

$$CDD = 2$$

$$T_{\text{DRAIN}} = 37$$

$$\sum HDD = 38$$

$$\sum CDD = 24$$

$$\sum PCN_L = 1.02''$$

$$\sum PCN_S = 0$$

MON. MAY 17, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. SW	Temp. 72 °F	RW-- (a few drops!) ~ 1800 LT			
Min. 39 °F	Vel. 4 m.p.h.	Read. 28.85 in.				
Set 45 °F	Char. light	Corr. 28.72 in.				
			0700	1300	1900	
R.H. 65 %	24 hr. Mov. NA mi.	Sea L. 30.07 in.	Clds. 9/10 Fog E W	Clds.	Clds.	
Ppn. T in.	Liq. Prev. Dir. NA	3 hr. Tend. +1.5 mb	Wx CLR	Wx	Wx	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer JHM	Vis. 25 mi.	Vis. mi.	Vis. mi.	

$$\bar{T} = 52$$

$$T_{\text{max}} = 44 \quad T_w = 39 \quad T_d = 32.5$$

$$H_{\text{DD}} = 13$$

$$T_{\text{dramas}} = 33$$

$$T_{\text{dramas}} =$$

$$\sum H_{\text{DD}} = 51$$

$$\sum C_{\text{DD}} = 24$$

$$\sum \text{PCM} = 1.02''$$

Tuesday May 12, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F	Dir. —	Temp. 70 °F				
Min. 44 °F	Vel. 0 m.p.h.	Read. 28.78 in.				
Set 48 °F	Char. CALM	Corr. 28.66 in.		0700	1300	1900
R.H. 61 %	24 hr. Mov. NA mi.	Sea L. 30.01 in.	Clds. 10/10 AC	Clds.		Clds. 10/10 St
Ppn. 0 in.	Liq. in.	Prev. Dir. NA	3 hr. Tend. +0.7 mb	Wx B1NOVC E	Wx	Wx R-- F
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer DLD	Vis. 20 mi.	Vis. mi.	Vis. 4 mi.

$$\bar{T} = 56$$

$$HDD = 9$$

$$\sum HDD = 60$$

$$\sum CDD = 24$$

$$\sum PCN_L = 1.02''$$

$$\bar{T}_{roof} = 48 \quad T_w = 42 \quad T_b = 35$$

$$T_{DAASOS} = 35$$

$$T_{DUUV} = 38$$

Wed. May 19, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.							
Max.	60 °F	Dir.	SW	Temp.	70 °F	R- 1230- 2200, L- at times and during overnight							
Min.	48 °F	Vel.	4 m.p.h.	Read.	28.54 in.								
Set	50 °F	Char.	Light	Corr.	28.42 in.								
R.H.	86 %	24 hr. Mov.	NA mi.	Sea L.	29.76 in.	Clds.	10/10 -X	0700	1300	1900			
Ppn.	0.42 in.	Prev. Dir.	NA	3 hr. Tend.	+0.2 r mb	Wx	Fog	Wx	Wx	Wx			
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	DLD	Vis.	3/4 mi.	Vis.	mi.	Vis.	mi.

$$\bar{T} = 54$$

$$T_{\text{roof}} = 48 \quad T_w = 46 \quad T_o = 44$$

$$HDD = 11$$

$$T_{\text{DAMES}} = 42$$

$$\Sigma HDD = 71$$

$$T_{\text{DOWN}} = 45$$

$$\Sigma CDD = 24$$

$$\Sigma PCN_L = 1.44''$$

Thurs. May 20, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. NW	Temp. 71 °F	occ L- obs - 2200 R- 1700-1900 (most of precip) Fog capping ridges and in Penns valley @ 035 (20 th)		
Min.	44 °F	Vel. 5 m.p.h.	Read. 28.63 in.			
Set	45 °F	Char. Light	Corr. 28.51 in.			
R.H.	65 %	24 hr. Mov. NA mi.	Sea L. 29.87 in.	0700 Clds. 7/10 AS	1300 Clds.	1900 Clds. 5/10
Ppn.	Liq. 0.03 in.	Prev. Dir. NA	3 hr. Tend. +0.87 mb	Wx Light Fog Cool	Wx	Wx CLRING
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 7 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 51$$

$$T_{\text{roof}} = 45 \quad T_w = 40 \quad T_D = 34$$

$$HDD = 14$$

$$T_{\text{DRAMOS}} = 35$$

$$\sum HDD = 85$$

$$T_{\text{DUNV}} = 37$$

$$\sum CDD = 24$$

$$\sum PCN_L = 1.47''$$

Fri. MAY 21, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. SW	Temp. 72 °F	FROST OBSERVED OUTSIDE TOWN		
Min.	37 °F	Vel. 5 m.p.h.	Read. 28.74 in.			
Set	44 °F	Char. IT+VAR.	Corr. 28.62 in.			
R.H.	73 %	24 hr. Mov. NA mi.	Sea L. 29.96 in.	0700 Clds. 0/10	1300 Clds.	1900 Clds. 7/10
Ppn.	0 in.	Prev. Dir. NA	3 hr. Tend. 1+1.5 mb	Wx CLR	Wx	Wx CLRING
Ppn.	0 in.	Snow Depth 0 in.	Observer JHM	Vis. 30 mi.	Vis.	Vis. 30 mi.

$$\bar{T} = 49 \quad T_{\text{roof}} = 44 \quad T_w = 41 \quad T_R = 36$$

$$H_{00} = 16$$

$$T_{\text{trans}} = 33$$

$$T_{\text{unv}} = 33$$

$$\Sigma H_{00} = 101$$

$$\Sigma L_{00} = 24$$

$$\Sigma p_{w.} = 1.47''$$

SAT. MAY 22, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 63 °F	Dir. SSW	Temp. 72 °F	FEW RW -- AFTERNOON, 21ST (NOT ENOUGH TO WET GROUND)			
Min. 41 °F	Vel. 4 m.p.h.	Read. 28.86 in.				
Set 46 °F	Char. light	Corr. 28.73 in.	0700	1300	1900	
R.H. 72 %	24 hr. Mov. NA mi.	Sea L. 30.08 in.	Clds. ALCU 3/10	Clds.	Clds. 1/10	
Ppn. T in.	Liq. in.	Prev. Dir. NA	3 hr. Tend. /+1.5 mb	Wx MISTY SUNNY (HAZE)	Wx FEW FLAT CU	
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer JHM	Vis. 10 VIB mi.	Vis. mi. 30 mi.	

$$\bar{T} = 52 \quad T_{max} = 47 \quad T_w = 43 \quad T_R = 38.5$$

$$H_{DD} = 13$$

$$T_{dmax} = 37$$

$$T_{dmin} = 37$$

$$\Sigma H_{DD} = 114$$

$$\Sigma C_{DD} = 24$$

$$\Sigma p_w = 1.47''$$

SUN. MAY 23, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. —	Temp. 72 °F	BRIEF RW - ~1230 LT			
Min. 40 °F	Vel. 0 m.p.h.	Read. 28.91 in.	SUNSHINE THRU THIN CI OVC			
Set 46 °F	Char. CALM	Corr. 28.78 in.	0700	1300	1900	
R.H. 66 %	24 hr. Mov. NA mi.	Sea L. 30.12 in.	Clds. 10/10 ci	Clds.	Clds. ^{ALCY} 10/10	
Ppn. .01 in.	Liq. NA	Prev. Dir. NA	3 hr. Tend. +5 mb	Wx -OVC	Wx MANY BIN OVC	
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 30 mi.	Vis. mi. 35 mi.	

$$\bar{T} = 52 \quad T_{top} = 47 \quad T_w = 42 \quad T_d = 36$$

$$H_{DD} = 13$$

$$T_{dmax} = 35$$

$$T_{dmin} = 34$$

$$\Sigma H_{DD} = 127$$

$$\Sigma C_{DD} = 24$$

$$\Sigma p_{CW} = 1.48''$$

MON. MAY 24, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. SW	Temp. 69 °F	* OVERT LO = 51 OCCA. RW - ~ 2130 - 2330 LT		
Min.	46* °F	Vel. 5 m.p.h.	Read. 28.76 in.			
Set	54 °F	Char. STDY	Corr. 28.64 in.			
R.H.	72 %	24 hr. Mov. NA mi.	Sea L. 29.97 in.	0700 Clds. 10/10	1300 Clds.	1900 Clds. 10/10 St
Ppn. Liq.	.05 in.	Prev. Dir. NA	3 hr. Tend. - +0mb	Wx BKNVC	Wx	Wx Breezy & Warm 70°
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JHM	Vis. 20 mi.	Vis. mi.	Vis. 12 mi.

$$\bar{T} = 58 \quad T_{\text{max}} = 54 \quad T_w = 49 \quad T_d = 45$$

$$T_{\text{draw}} = 46$$

$$T_{\text{draw}} =$$

$$H_{\text{DD}} = 7$$

$$\Sigma H_{\text{DD}} = 134$$

$$\Sigma C_{\text{DD}} = 24$$

$$\Sigma p_{\text{CW}} = 1.53''$$

Tues. May 25, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F	Dir. W	Temp. 70 °F	PK WIND = 40 MPH in afternoon of 24 th UNV reported occl RW- @ ~ 2300 & 0600 LT OVERNITE LO = 62			
Min. 54 °F	Vel. 15 m.p.h.	Read. 28.80 in.				
Set 63 °F	Char. Gusts to 26	Corr. 28.68 in.				
R.H. 60 %	24 hr. Mov. NA mi.	Sea L. 30.00 in.	0700 Clds. 10/10 st	1300 Clds.	1900 Clds. 4/10 AS	
Ppn. Liq. T in.	Prev. Dir. NA	3 hr. Tend. +1.6 ✓ mb	Wx Few BIN OVC	Wx	Wx Breezy Few Cu	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 12 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 65$$

$$T_{\text{roof}} = 62 \quad T_w = 54 \quad T_D = 48$$

$$HDD = 0$$

$$T_{\text{DRAMOS}} = 49$$

$$CDD = 0$$

$$T_{\text{UNY}} = 51$$

$$\sum HDD = 134$$

$$\sum CDD = 24$$

$$\sum PCN_i = 1.53''$$

Wed. May 26, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir.	Temp.	- Cirrus deck stretching SW-NE @ obs		
		-	69 °F			
Min.	49 °F	Vel.	Read.			
		0 m.p.h.	28.96 in.			
Set	51 °F	Char.	Corr.	0700	1300	1900
		CALM	28.84 in.			
R.H.	68 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		NA mi.	30.20 in.	1/10 Ci		0/10
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0	in.	NA	+1.0 / mb	Sunny & calm		Crystal clear
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	DLD	20 mi.	mi.	30 mi.

$$\bar{T} = 60$$

$$T_{\text{roof}} = 51 \quad T_w = 46 \quad T_D = 41$$

$$HDD = 5$$

$$T_{\text{DRAMOS}} = 41$$

$$\Sigma HDD = 139$$

$$\Sigma CDD = 24$$

$$T_{\text{DOWNV}} = 39$$

$$\Sigma PCN_L = 1.53''$$

Thur. May 27, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. W	Temp. 69 °F	- Haze NE @ OBS - Thicker Cirrus W @ OBS		
Min.	50 °F	Vel. 8 m.p.h.	Read. 28.97 in.			
Set	53 °F	Char. Steady	Corr. 28.85 in.			
R.H.	50 %	24 hr. Mov. NA mi.	Sea L. 30.20 in.	0700 Clds. 1/10 Ci	1300 Clds.	1900 Clds. 10/10 Ac
Ppn.	Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. +0.9 / mb	Wx	Wx	Wx BINOV C E at N
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DLD	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 60$$

$$HDD = 5$$

$$\Sigma HDD = 144$$

$$\Sigma CDD = 24$$

$$\Sigma PCN_L = 1.53''$$

$$T_{roof} = 53 \quad T_w = 45 \quad T_o = 35$$

$$T_{DRAIN} = 34$$

$$T_{DUVV} = 35$$

Fri. May 2nd, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. —	Temp. 69 °F	@ OBS - MDT Cu N, AS deck NE and Fog in Penns Valley OVERNIGHT Lo = 54		
Min.	53 °F	Vel. 0 m.p.h.	Read. 28.84 in.			
Set	57 °F	Char. CALM	Corr. 28.72 in.			
R.H.	62 %	24 hr. Mov. NA mi.	Sea L. 30.07 in.	0700 Clds. 2/10 Cu	1300 Clds.	1900 Clds. 2/10 Ci
Ppn.	0 in.	Prev. Dir. NA	3 hr. Tend. -0.4 mb	Wx	Wx	Wx Windy & Hazy
Ppn.	0 in.	Snow Depth 0 in.	Observer DLD	Vis. 15 mi.	Vis. mi.	Vis. 10 mi.

$$\bar{T} = 63$$

$$HDD = 2$$

$$\Sigma HDD = 146$$

$$\Sigma CDD = 24$$

$$\Sigma PCN_L = 1.53''$$

$$T_{roof} = 58 \quad T_w = 51 \quad T_D = 45$$

$$T_{DRAINAGE} = 45$$

$$T_{DRAIN} = 44$$

SAT. MAY 29, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. NNW	Temp. 70 °F	PRSRR RW - 0400 - 0600 LT		
Min.	54 °F	Vel. 14 m.p.h.	Read. 28.89 in.			
Set	55 °F	Char. G to 24	Corr. 28.77 in.			
R.H.	64 %	24 hr. Mov. NA mi.	Sea L. 30.10 in.	0700 Clds. cu. 6/10 ci	1300 Clds.	1900 Clds.
Ppn. Liq.	.07 in.	Prev. Dir. NA	3 hr. Tend. 143.0 mb	Wx BRIGHT BREEZY	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JHM	Vis. 25 mi.	Vis. mi.	Vis. mi.

$$\begin{aligned} \bar{T} &= 68 & T_{\text{root}} &= 54 & T_w &= 48 & T_d &= 42 \\ H_{DD} &= 0 & & & & & T_{\text{drums}} &= 41 \\ C_{DD} &= 3 & & & & & T_{\text{down}} &= 42 \\ \Sigma H_{DD} &= 146 & & & & & & \\ \Sigma C_{DD} &= 27 & & & & & & \\ \Sigma PCN &= 1.60'' & & & & & & \end{aligned}$$

SUNDAY May 30, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir.	Temp.			
	—		72 °F			
Min.	38 °F	Vel.	Read.			
	0 m.p.h.		28.99 in.			
Set	44 °F	Char.	Corr.	0700	1300	1900
		CALM	28.86 in.			
R.H.	58 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		NA mi.	30.24 in.	0/10		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0	in.	NA	+0.7 mb	CONTRAILS		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	DLD	25 mi.	mi.	mi.

$$\bar{T} = 54$$

$$T_{\text{roof}} = 46 \quad T_w = 40 \quad T_o = 32$$

$$HDD = 11$$

$$T_{\text{Dramos}} = 33$$

$$\Sigma HDD = 157$$

$$T_{\text{Duvv}} = 34$$

$$\Sigma CDD = 27$$

$$\Sigma PCN_L = 1.60''$$

MON. MAY 31, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. SW	Temp. 70 °F	R- 0530 LT → OBS *OVRT LO = 56		
Min.	44* °F	Vel. 3 m.p.h.	Read. 28.68 in.			
Set	56 °F	Char. light	Corr. 28.56 in.			
R.H.	82 %	24 hr. Mov. NA mi.	Sea L. 29.89 in.	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. 0.14 in.	Prev. Dir. NA	3 hr. Tend. -1.0 mb	Wx R-	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 4.6 mi.	Vis. mi.	Vis. mi.

$$F = 59 \quad T_{\text{roof}} = 55 \quad T_w = 52 \quad T_d = 49\frac{1}{2}$$

$$H_{DO} = 6$$

$$T_{d \text{ max}} = 49$$

$$T_{d \text{ min}} = 49$$

$$\sum H_{DO} = 163$$

$$\sum C_{DO} = 27$$

$$\sum PLW = 1.74''$$