

Thursday, 01 April 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	63 °F	Dir.	E	Temp.	78 °F	fog in valley E (obs on back)			
Min.	37 °F	Vel.	4 m.p.h.	Read.	28.41 in.				
Set	45 °F	Char.	breezy	Corr.	28.27 in.	*overnight low 45			
						0700	1300	1900	
R.H.	93 %	24 hr. Mov.	N/A mi.	Sea L.	29.62 in.	Clds.	10/10	Clds.	10/10 Sc
Ppn.	.76 in.	Prev. Dir.	N/A	3 hr. Tend.	+0 ✓ mb	Wx	light drizzle cloudy	Wx	Overcast, Chilly Bright Spots SW
Ppn.	0 in.	Snow Depth	T in.	Observer	MHB	Vis.	7L mi.	Vis.	9 mi.
								Vis.	2 1/2 mi.

$T_{roof} = 43$

$T_w = 42$

$T_d = 41$

$T_{d_{Ramos}} = 38$

$T_{d_{NW}} = 40$

$\bar{T} = 50$

$HDD = 15$

$\sum HDD = 15$

$\sum pen_L = .76$

RW - 1800 - 1945 LT

R 1945 - 2200 LT

R - 2200 - 2230 LT

RW - 0100 - 0110 LT

R - OCNL R 0110 - 0145 LT L - 0630 - obs

Rainfall Measurements

0.50" 2030 LT

0.63" 0800 LT

0.76" 0400 LT

Friday, April 2, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	54 °F	Dir.	SSE	Temp.	76 °F	L - 0700 - 0725 LT RW - 0725 - 0810 LT OCNL RW - 1640 - 0700 LT Guage @ 2200 LT = .16"		
Min.	44 °F	Vel.	2 m.p.h.	Read.	28.44 in.			
Set	44 °F	Char.	light	Corr.	28.30 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov.	NA mi.	Sea L.	29.65 in.	Clds.	Clds.	Clds.
Ppn.	.21 in.	Prev. Dir.	NA	3 hr. Tend.	+1.5 / mb	10/10 St	10/10	10/10
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	Wx Gloomy, fog, light rain	Wx cloudy, chilly	Wx In bmt. L
						Vis.	Vis.	Vis.
						$\frac{3}{4}$ v. $\frac{1}{2}$ mi.	12 mi.	7 mi.

$\bar{T} = 49$
HDD = 16
 $\Sigma \text{HDD} = 31$
 $\Sigma \text{PCN}_L = .97''$

$T_{\text{roof}} = 43$ $T_w = 42$

$T_D = 41$
 $T_{\text{DUNV}} = 41$
 $T_{\text{Dramos}} = 39$

Saturday, April 3, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max 49 °F	Dir. W	Temp. 73 °F	R - (OOL R) - obs → \$40 TE			
Min. 32 °F	Vel. 10 m.p.h.	Read. 28.86 in.	INT/MINT L THROUGH DAY			
Set 32 °F	Char. Vel Variable	Corr. 28.73 in.	SW - ~ 0000 LT			
R.H. 61 %	24 hr. Mov. NA mi.	Sea L. 30.11 in.	0700 Clds. 9/10	1300 Clds.	1900 Clds. BINOVE	
Ppn. .26 in.	Liq. NA	Prev. Dir. NA	3 hr. Tend. +25 mb	Wx Chilly	Wx cloudy, chilly	
Ppn. T in.	Sol. 0 in.	Snow Depth 0 in.	Observer JGG	Vis. 10v15 mi.	Vis. mi. 10 mi.	

$$T_{RMS} = 31$$

$$T_{ORMS} = 19$$

$$T_{OUM} = 23$$

$$\bar{T} = 41$$

$$HDD = 24$$

$$\Sigma HDD = 55$$

$$\Sigma PCN_4 = 1.23''$$

$$\Sigma PCN_5 = T$$

Sunday, 04 April 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. W	Temp. 71 °F	Daylight Savings Time Begins		
Min.	30 °F	Vel. 7 m.p.h.	Read. 28.98 in.	Dew SW - 0730-1200LT		
Set	31 °F	Char. breezy	Corr. 28.96 in.	0700	1300	1900
R.H.	57 %	24 hr. Mov. N/A mi.	Sea L. 30.28 in.	Clds. - 9/10 st	Clds.	Clds. 9/10
Ppn.	T in.	Prev. Dir. N/A	3 hr. Tend. +1/5 mb	Wx cloudy cold	Wx	Wx perfect
Ppn.	T in.	Snow Depth 0 in.	Observer MHB	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$$T_{\text{roof}} = 30$$

$$T_{\text{Roses}} = 15$$

$$T_{\text{dunn}} = 18$$

$$\bar{T} = 35$$

$$HDD = 30$$

$$\sum HDD = 85$$

$$\sum pen_L = 1.23''$$

$$\sum pen_S = T$$

Monday April 5, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	41 °F	Dir.	NE	Temp.	72 °F			
Min.	31 °F	Vel.	7 m.p.h.	Read.	29.05 in.			
Set	35 °F	Char.	Steady	Corr.	28.92 in.			
R.H.	59 %	24 hr. Mov.	NA mi.	Sea L.	30.33 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	+1.0 mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	SGG	Wx	Wx	Wx
				Vis.	25 mi.	H	Hazy, mild, light winds	CS 10/10 - AC Overcast, Chilly
				Vis.	25 mi.		25 mi.	12 mi.

$$T_{RMS} = 35$$

$$T_{ORAMS} = 22$$

$$T_{LOW} = 25$$

$$\bar{T} = 37$$

$$HDD = 28$$

$$\Sigma HDD = 113$$

$$\Sigma PCN_L = 1.23''$$

$$\Sigma PCN_S = T$$

Tuesday, April 6, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	50 °F	Dir.	ENE	Temp.	73 °F	* overnight low = 37		
Min.	35 °F	Vel.	3 m.p.h.	Read.	29.00 in.			
Set	38 °F	Char.	Steady	Corr.	28.87 in.			
R.H.	54 %	24 hr. Mov.	NA mi.	Sea L.	30.27 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	+ .75/ mb	Clds. 10/10 - Ci	Clds.	Clds. 2/10 - Ci
Sol.	0 in.	Snow Depth	0 in.	Observer	HDS	Wx Cloudy & Chilly	Wx	Wx M. Clear + Cold
				Vis.	20 mi.	Vis.	mi.	25 mi.

$\bar{T} = 43$
HDD = 22
 $\Sigma \text{HDD} = 135$
 $\Sigma \text{PCN}_L = 1.23$
 $\Sigma \text{PCN}_S = T$

$T_{\text{ramos}} = 37$
 $T_{\text{O roof}} = 22$
 $T_{\text{DUNV}} = 22$

Wednesday, April 7, 1993

Meteorological Observatory
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir. ENE	Temp. 72 °F	- somewhat hazy in valley to E		
Min.	30 °F	Vel. 5 m.p.h.	Read. 29.06 in.			
Set	34 °F	Char. steady	Corr. 28.93 in.			
R.H.	52 %	24 hr. Mov. NA mi.	Sea L. 30.34 in.	0700 Clds. 0/10	1300 Clds. ND	1900 Clds. -3/10 ci
Ppn.	0 in.	Prev. Dir. NA	3 hr. Tend. +1.5 mb	Wx Crystal Clear + Chilly	Wx sunny, hazy, calm, mild	Wx mild calm
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T} = 44$
HDD = 21
 $\Sigma \text{HDD} = 156$
 $\Sigma \text{PCN}_L = 1.23''$
 $\Sigma \text{PCN}_S = T$

$T_{\text{ramos}} = 37$
 $T_{\text{O RCF}} = 22$
 $T_{\text{O UNV}} = 20$

Thursday, 08 April 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	61 °F	Dir. NE	Temp. 74 °F	haze in valley E 100' just devil Atherton + Pollock Rd Area * 1530LT * overnight low 34		
Min.	34 °F	Vel. 2 m.p.h.	Read. 28.98 in.			
Set	38 °F	Char. breezy	Corr. 28.85 in.			
R.H.	50 %	24 hr. Mov. N/A mi.	Sea L. 30.24 in.	0700 Clds. -3/10 Ci	1300 Clds. -2/10 Ci	1900 Clds. -6/10 Cc
Ppn.	0 in.	Prev. Dir. N/A	3 hr. Tend. +0.8/ mb	Wx hazy, cool	Wx Plenty of Sun, Pleasant	Wx Variable Clouds + Mild
Ppn.	0 in.	Snow Depth 0 in.	Observer MHB	Vis. 20 mi.	Vis. 25 mi.	Vis. 20 mi.

$$T_{\text{roof}} = 38$$

$$T_w = 32$$

$$T_d = 21$$

$$T_{\text{d Rans}} = 21$$

$$T_{\text{d uv}} = 23$$

$$\bar{T} = 48$$

$$HDD = 17$$

$$\Sigma HDD = 173$$

$$\Sigma pen_L = 1.23''$$

$$\Sigma pen_S = T$$

Friday, April 9, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. SE	Temp. 70 °F	* overnight low = 48 - sun dimly visible		
Min.	* 38 °F	Vel. 15 m.p.h.	Read. 28.77 in.			
Set	50 °F	Char. 10 v. 20	Corr. 28.65 in.			
R.H.	33 %	24 hr. Mov. NA mi.	Sea L. 30.00 in.	0700 Clds. -10/10 CS	1300 Clds. 10/10 CI	1900 Clds. 10/10
Ppn.	Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. -0.75 mb	Wx Overcast & Mild	Wx cloudy, mild,	Wx L-F
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer HDS	Vis. 20 mi.	Vis. 25 mi.	Vis. 3x5 mi.

$\bar{T} = 53$
HDD = 12
 $\Sigma \text{HDD} = 185$
 $\Sigma \text{PCN}_L = 1.23''$
 $\Sigma \text{PCN}_S = T$

$T_{\text{roof}} = 50$ $T_w = 39$ $T_o = 22$

$T_{\text{dramos}} = 21$

$T_{\text{DUNV}} = 22$

Saturday, April 19, 1973

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max	57 °F	Dir.	N	Temp.	74 °F	L- 1800-2200 LT R- 2300-065 LT		
Min.	49 °F	Vel.	5 m.p.h.	Read.	28.44 in.			
Set	50 °F	Char.	Steady	Corr.	28.31 in.	0700	1300	1900
R.H.	100 %	24 hr. Mōv.	NA mi.	Sea L.	28.64 in.	Clds.	10%	Clds.
Ppn.	.46 in.	Prev. Dir.	NA	3 hr. Tend.	+0.0 - mb	Wx	R-	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	EGG	Vis.	1 mi.	Vis.
								Wx Cool Breezy 20 mi.

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

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

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

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

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

$$\bar{T} = 53$$

$$HDD = 12$$

$$\Sigma HDD = 197$$

$$\Sigma PV_{\text{L}} = 1.69^{\text{h}}$$

$$\Sigma PV_{\text{S}} = T$$

$$T_{\text{ROOF}} = 39.5$$

$$T_w = 35.5$$

$$T_o = 30$$

$$T_{\text{DRAIN}} = 22$$

$$T_{\text{DOWN}} = 27$$

$$T = 45$$

$$HDD = 20$$

$$\Sigma HDD = 217$$

$$\Sigma PEN_L = 226''$$

$$\Sigma PEN_S = T$$

Monday, April 12, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	61 °F	Dir. ~N	Temp. 74 °F	RW - ~2300 LT		
Min.	38 °F	Vel. 6 m.p.h.	Read. 28.64 in.	2440 LT - DSTNT LTG IN SW		
Set	40 °F	Char. Lt & Variable	Corr. 28.51 in.	0700	1300	1900
R.H.	76 %	24 hr. Mov. NA mi.	Sea L. 29.88 in.	Clds. 1/10	Clds. 10/10	Clds. 3/10 As
Ppn.	T in.	Prev. Dir. NA	3 hr. Tend. 10.4 mb	Wx BRIGHT EAST	Wx Cloudy, calm cool	Wx Breezy & Mild
Ppn.	0 in.	Snow Depth 0 in.	Observer JEG	Vis. 15.25 mi.	Vis. 25 mi.	Vis. 20 mi.

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

$$T_W = 38$$

$$T_D = 34$$

$$T_{\text{RIMS}} = 27$$

$$T_{\text{DOWN}} = 29$$

$$T = 50$$

$$R_{00} = 15$$

$$\Sigma H_{00} = 232$$

$$\Sigma PCN_2 = 2.26''$$

$$\Sigma PCN_5 = T$$

Tuesday, April 13, 1993

Meteorological Observatory
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 57 °F	Dir. NE	Temp. 74 °F	- Several contrails overhead			
Min. 36 °F	Vel. 3 m.p.h.	Read. 28.85 in.				
Set 37 °F	Char. light & variable	Corr. 28.72 in.				
R.H. 67 %	24 hr. Mov. NA mi.	Sea L. 30.11 in.	0700 Clds. Ci -5/10 Ac	1300 Clds. Ci -4/10 Ac	1900 Clds. Ci -10/10 Ac	
Ppn. 0 in.	Liq. in.	Prev. Dir. NA	3 hr. Tend. +1.25/mb	Wx M. Sunny & Cool	Wx BRIGHT & COOL	Wx cloudy, cool
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer HDS	Vis. 20 mi.	Vis. 25 mi.	Vis. 15 mi.

$\bar{T} = 47$
HDD = 18
 $\Sigma \text{HDD} = 250$
 $\Sigma \text{PCN}_L = 2.26''$
 $\Sigma \text{PCN}_S = T$

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

$T_w = 35$

$T_o = 29$

$T_{\text{oramos}} = 26$

$T_{\text{ounv}} = 27$

Wednesday April 14, 1993 700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	61 °F	Dir.	-	Temp.	74 °F			
Min.	35 °F	Vel.	0 m.p.h.	Read.	28.88 in.			
Sea.	37 °F	Char.	CALM	Corr.	28.75 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov.	N/A mi.	Sea L.	30.15 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	N/A	3 hr. Tend.	+0.5 mb	Wx SUNNY, CHILLY	Wx bright sun, mild	Wx mild, grey
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	CPB	Vis.
						Vis.	20 mi.	20 mi.
						Vis.	15 mi.	15 mi.

$$\bar{T} = 48$$

$$H_{\gg} = 17$$

$$\sum H_{\gg} = 267$$

$$\sum \text{ppn.}_L = 2.26''$$

$$\sum \text{ppn.}_S = T$$

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

$$T_w = 35$$

$$T_d = 32$$

$$T_{d_{uv}} = 33$$

Thursday, 15 April 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. NE	Temp. 74 °F	** vsby reduced to 3 1/2 in dense fog in Valley E and along Tussey Ridge and Mt. Nittany			
Min. * 37 °F	Vel. 3 m.p.h.	Read. 29.72 in.	* overnight low 44			
Set 48 °F	Char. breezy	Corr. 28.59 in.	0700	1300	1900	
R.H. 80 %	24 hr. Mov. N/A mi.	Sea L. 29.95 in.	Clds. 0/10	Clds. Sc 8/10 Ci	Clds. -10/10	
Ppn. T	Liq. in.	Prev. Dir. N/A	3 hr. Tend. +0 mb	Wx sunny, mild calm, hazy	Wx P. Sunny, Hazy, L. Breeze, Mild	Wx Mild, grey foggy
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer MHB	Vis. ** 10 mi.	Vis. 7 mi.	Vis. 4 1/2 mi.

$$T_{\text{roof}} = 48$$

$$T_w = 46$$

$$T_{\text{dances}} = 38$$

$$T_{\text{dunv}} = 40$$

$$T_d = 42$$

Rw - 1405 - 1630
(pen very light)

$$\bar{T} = 47$$

$$HOD = 18$$

$$\Sigma HOD = 268$$

$$\Sigma \text{pen}_L = 2.26''$$

$$\Sigma \text{pen}_S = T^2$$

Friday, April 16, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. SE	Temp. 72 °F	*overnight low = 54		
Min.	48 °F	Vel. 5 m.p.h.	Read. 28.59 in.	R- 0055-0105 LT 0120-0205 LT 0300-0400 LT		
Set	54 °F	Char. Steady	Corr. 28.46 in.	TRW- 0308-0328 LT R 0400-0500 LT (over)		
R.H.	100 %	24 hr. Mov. NA mi.	Sea L. 29.79 in.	Clds. 10/10 Ns	Clds. 10/10	Clds. 10/10
Ppn.	1.64 in.	Prev. Dir. NA	3 hr. Tend. +1.5 v mb	Wx Rain, Foggy, Mild, Grey	Wx mild, RW-	Wx LTG W
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 3 v. 5 mi.	Vis. 20 mi.	Vis. 15 mi.

* = sec. precip. for OMT

$\bar{T} = 59$
HDD = 6
 $\Sigma \text{HDD} = 274$
 $\Sigma \text{PCN}_L = 3.90''$
 $\Sigma \text{PCN}_S = T$

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

$T_w = 52$

$T_o = 52$

$T_{\text{Dramos}} = 48$

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

R+ 0500-0530 LT
T/LTG 0630 LT
R+ 0630-0715
R 0715-0800 LT

Saturday, April 17, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. SW	Temp. 71 °F	RW 0800-1100 ft T/LTG 0832 & 0907 ft } 0.58" RW- 2500-2215 ft (OLD RECORD 1.19 in 1972) (NEW) *RECORD PCP FOR DATE	0700	1300	1900
Min. 39 °F	Vel. 7 m.p.h.	Read 28.61 in.		Clds. 9/10	Clds.	Clds. 10/10 st
Set. 40 °F	Char. Steady	Corr. 28.48 in.		Wx Clearing	Wx	Wx Fog + Cool L. Rain
R.H. 88 %	24 hr. Mov. NA mi.	Sea L. 29.84 in.	Vis. 20 mi.	Vis.	Vis. 5 mi.	
Ppn. * 1.24 in.	Liq. NA	Prev. Dir. NA	3 hr. Tend. +1.5/ mb			
Ppn. Ø in.	Sol. Ø in.	Snow Depth Ø in.	Observer SGG			

T 2009-2037 H
TRW 2037-2050
TRW+ 2050-2102
TRW- 2100-2030
L- 2245-2315

$\bar{T} = 52$
HDD = 13
 $\Sigma HDD = 287$
 $\Sigma PCN_L = 5.14^*$
 $\Sigma PCN_S = T$

$T_{ROOF} = 43$
 $T_W = 41.5$
 $T_0 = 40$
 $T_{PANNES} = 32$
 $T_{DOWNY} = 35$

FOR MORE DETAILED OBS SEE SUMMARIES FOR
Saturday, April 17, 1993.

Sunday, April 18, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	47 °F	Dir. S	Temp. 73 °F	RW- 1200-1300LT (PCN VON LGT)		
Min.	33 °F	Vel. 2 m.p.h.	Read. 28.84 in.	R- 1800-2030LT (FEW SW 2030-2100LT)		
Set	35 °F	Char. v. light	Corr. 28.71 in.	0700	1300	1900
R.H.	72 %	24 hr. Mov. NA mi.	Sea L. 30.11 in.	Clds. 1/10 Cu	Clds.	Clds. 0/10
Ppn.	.04 in.	Prev. Dir. NA	3 hr. Tend. +1.5 mb	Wx Sunny & ABH Nippy	Wx	Wx Clouds NW
Ppn.	T in.	Snow Depth 0 in.	Observer HDS	Vis. 15 mi.	Vis.	Vis. 25 mi.

$\bar{T} = 40$
HDD = 25
 $\Sigma \text{HDD} = 312$
 $\Sigma \text{PCN}_L = 5.18''$
 $\Sigma \text{PCN}_S = T$

$T_{\text{roof}} = 36$ $T_w = 33$

$T_o = 28$
 $T_{\text{outdoor}} = 27$
 $T_{\text{outdoor}} = 26$

Monday, April 19, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	59 °F	Dir. SSW	Temp. 75 °F			
Min.	35 * °F	Vel. 6 m.p.h.	Read. 28.82 in.			
Set	49 °F	Char. Steady	Corr. 28.69 in.	OVRT LOW: 42		
R.H.	51 %	24 hr. Mov. NA mi.	Sea L. 30.04 in.	0700 Clds. 10/10	1300 Clds. -3/10 CS	1900 Clds. 9/10 Ac
Ppn.	0 in.	Prev. Dir. NA	3 hr. Tend. +0.4 mb	Wx mild	Wx mild	Wx Inc. clouds Mild
Ppn.	0 in.	Snow Depth 0 in.	Observer SGG	Vis. 25 mi.	Vis. 25 mi.	Vis. 15 mi.

$$T_{\text{ROOF}} = 51.5$$

$$T_w = 43.5$$

$$T_o = 34.0$$

$$T_{\text{DRYNAS}} = 29$$

$$T_{\text{D WOV}} = 34$$

$$\bar{T} = 47$$

$$NDD = 18$$

$$\Sigma HDD = 330$$

$$\Sigma PUN = 5.18''$$

$$\Sigma PUN5 = T$$

Tuesday, April 20, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. SSW	Temp. 70 °F	* overnight low = 59		
Min.	49 °F	Vel. 7 m.p.h.	Read. 28.69 in.	RW- 0751-0800 LT (PCN VAP LBT)		
Set	59 °F	Char. 3 v. 10	Corr. 28.57 in.	- sun dimly visible east (over)		
R.H.	69 %	24 hr. Mov. NA mi.	Sea L. 29.89 in.	0800 Clds. 10/10 St	1100 Clds. - 6/10 Scn	2000 Clds. - 10/10 St
Ppn.	T in.	Prev. Dir. NA	3 hr. Tend. +0.25 mb	Wx v. lgt shower pleasant	Wx WARM & WINDY	Wx RAIN SHOWER
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 25 mi.	Vis. 20 mi.	Vis. 4 v. 6 mi.

$$\bar{T} = 61$$

$$HDD = 4$$

$$\Sigma HDD = 334$$

$$\Sigma PCN_L = 5.18''$$

$$\Sigma PCN_S = T$$

$$T_{roof} = 59 \quad T_w = 52 \quad T_o = 46$$

$$T_{oramos} = 36$$

$$T_{DUNV} =$$

RW- 2200-2300 LT

Wednesday Apr. 21, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. S	Temp. 72 °F	RW- 1700-25 LT 1750-1855 LT 1930-55 LT TRW 1955-2030 LT RW 2030-2200 (over)			
Min. 49 °F	Vel. 3 m.p.h.	Read. 28.68 in.				
Set 49 °F	Char. LIGHT	Corr. 28.55 in.				
R.H. 96 %	24 hr. Mov. N/A mi.	Sea L. 29.90 in.	0700 Clds. - 10/10 SK	1300 Clds. C: 8/10 SC	1900 Clds. 10/10 NS	
Ppn. 0.80 in.	Liq. N/A	Prev. Dir. N/A	3 hr. Tend. +0.5 mb	Wx LIGHT RAIN, COOL	Wx mild, light wds	Wx drizzle, cloudy, mild
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer CPS	Vis. 4 mi.	Vis. 20 mi.	Vis. 10 mi.

$$\bar{T} = 63$$

$$H_{\gg} = 2$$

$$\sum H_{\gg} = 336$$

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

$$T_w = 48$$

$$T_d = 48$$

$$T_{d_{\text{min}}} = 45$$

$$.50! \sum R - (\text{OCNL } R_i) \sim 0530 - 0800 \text{ LT}$$

$$\sum \text{ppn.L} = 5.98'' \quad \sum \text{ppn.S} = T$$

RAN GAGE:
0.30" @
2200 LT

Thursday, 22 April 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. NW	Temp. 72 °F	R- obs (11) - 0830 LT (.05)			
Min. 32 °F	Vel. 8 m.p.h.	Read. 28.50 in.	OCNL RW (11) (CPN VRY LGT) 1400-1530 LT			
Set 33 °F	Char. breezy	Corr. 28.38 in.	LOCNL L- 1900-2100 OCNL RW- 2100-0515, 5-0515-obs			
R.H. 83 %	24 hr. Mov. N/A mi.	Sea L. 29.77 in.	0700	1300	1900	
Ppn. .42 in.	Prev. Dir. N/A	3 hr. Tend. -.61 mb	Clds. 10/10 NS	Clds. X	Clds. 10/10 AS	
Ppn. .6 in.	Sol. T in.	Snow Depth MHB	Wx light snow, fog	Wx Mod. Snow, Becoming Brz	Wx Cloudy + Cool, BECOMING VV	
Observer	Observer	Observer	Vis. 3 mi.	Vis. 1/2 mi.	Vis. 20 mi.	

$$T_{\text{roof}} = 31$$

$$T_{\text{dRames}} = 25$$

$$T_{\text{dUVV}} = 28$$

$$\bar{T} = 44$$

$$HDD = 21$$

$$\Sigma HDD = 357$$

$$\Sigma pcn_L = 6.40''$$

$$\Sigma pcn_S = 0.6''$$

Friday, April 23, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F	Dir. WNW	Temp. 72 °F	* overnight low = 39 - sun dimly visible @ obs time ** REL. HUM. FOR DATE; 2ND LARGEST THIS LATE IN SEASON.			
Min. * 33 °F	Vel. 22 m.p.h.	Read. 28.51 in.	S, ocnl S - 0800-1000LT (~3.0" by 1000 LT)			
Set 40 °F	Char. Gusty Peak Wind: 40	Corr. 28.39 in.	S-, ocnl S 1000-1540LT			
R.H. 44 %	24 hr. Mov. NA mi.	Sea L. 29.75 in.	0700 Clds. -9/10 As	1300 Clds. Ci 8/10 Sc	1900 Clds.	
Ppn. .30 in.	Liq. NA	Prev. Dir. NA	3 hr. Tend. +1.57 mb	Wx M. Cloudy & windy, chilly	Wx mild, hazy, windy	Wx
Ppn. 4.0 in.	Sol. **	Snow Depth T in.	Observer HDS	Vis. 20 mi.	Vis. 25 mi.	Vis. mi.

$\bar{T} = 38$
HDD = 27
 $\Sigma \text{HDD} = 384$
 $\Sigma \text{PCN}_L = 6.70''$
 $\Sigma \text{PCN}_S = 4.6''$

$T_{\text{roof}} = 39$
 $T_{\text{ramos}} = 17$
 $T_{\text{down}} = 21$

Saturday, April 24, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	60 °F	Dir.	-	Temp.	72 °F	Pk Wind - 45 MPH - 1630 H		
Min.	31 °F	Vel.	0 m.p.h.	Read.	28.95 in.			
Set	39 °F	Char.	Calm	Corr.	28.82 in.	0700	1300	1900
R.H.	48 %	24 hr. Mov.	NA mi.	Sea L.	30.21 in.	Clds	Clds.	Clds. ci
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	2.0 mb	Wx lowering d thickening clouds	Wx	Wx Areas w mild
Fpn.	0 in.	Snow Depth	0 in.	Observer	JGG	Vis.	Vis.	Vis.
						25 mi.	mi.	25 mi.

$T_{RAMOS} = 40$

$\bar{T} = 46$

$T_{ORAMOS} = 22$

$H_{ORD} = 19$

$T_{OWN} = 23$

$\Sigma H_{OD} = 403$

$\Sigma PCW_4 = 6.70''$

$\Sigma PCW_5 = 4.6''$

Sunday, 25 April 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir. W	Temp. 68 °F	OCNL RW- 1300-1600		
Min.	39 * °F	Vel. 4 m.p.h.	Read. 28.76 in.			
Set	51 °F	Char. breezy	Corr. 28.64 in.	*overnight low = 45		
R.H.	50 %	24 hr. Mov. N/A mi.	Sea L. 29.99 in.	0700 Clds. -8/10 AC	1300 Clds.	1900 Clds. 7/10
Ppn.	Liq. T in.	Prev. Dir. N/A	3 hr. Tend. +0.2 mb	Wx mild, some sun, light winds	Wx	Wx warm
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	MHB	25 mi.	mi.	25 mi.

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

$$T_w = 42$$

$$T_d = 32$$

$$T_{d_{\text{Ramas}}} = 33$$

$$T_{d_{\text{unv}}} = 35$$

$$\bar{T} = 48$$

$$HDD = 17$$

$$\sum HDD = 420$$

$$\sum pen_L = 6.70''$$

$$\sum pen_S = 4.6''$$

$$T_{\text{ROOF}} = 48$$

$$T_{\text{W}} = 48$$

$$T_{\text{O}} = 48$$

$$T_{\text{DRAIN}} = 48$$

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

$$\bar{T} = 64$$

$$HDD = 1$$

$$\Sigma HDD = 421$$

$$\Sigma PCN_2 = 7.21^{**}$$

$$\Sigma PCN_5 = 4.6''$$

** = BREAKS APRIL RECORD OF 7.08" OF LIQ. PCN.
FROM 19.10.

Tuesday, April 27, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. NNE	Temp. 72 °F	R 0800-1400LT TRW: 1153 LT (LTG-ICCG) 1235 LT R- 1400-1945LT (over)		
Min.	30 °F	Vel. 10 m.p.h.	Read. 29.14 in.			
Set	32 °F	Char. Steady	Corr. 29.01 in.	Rainfall: 1.00" @ 1400LT, 1.20" @ 1705LT		
R.H.	49 %	24 hr. Mov. NA mi.	Sea L. 30.42 in.	0700 Clds. 0/10	1300 Clds. 0/10	1900 Clds. 0/10
Ppn.	1.30 in.	Prev. Dir. NA	3 hr. Tend. +2.0/ mb	Wx Not a cloud in the sky, cold	Wx Clear & Bright	Wx Nice Evening
Ppn.	T in.	Sol. 0 in.	Snow Depth 0 in.	Observer HDS	Vis. 25 mi.	Vis. 25 mi.
					25 mi.	20 mi.

$\bar{T} = 42$
HDD = 23
 $\Sigma HDD = 444$
 $\Sigma PCN_L = 8.51''$
 $\Sigma PCN_S = 4.6''$

$T_{ROOF} = 33$
 $T_{Dramos} = 16$
 $T_{DUNV} = 16$

Some wet snow flakes mixed in
@ approx. 1900 LT

Wednesday Apr. 28, 1993 0800 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. SE	Temp. 74 °F	* OVERNIGHT LOW ~34°			
* Min. 32 °F	Vel. 2 m.p.h.	Read. 29.22 in.				
Set 39 °F	Char. 'LIGHT'	Corr. 29.09 in.	0700	1300	1900	
R.H. 52 %	24 hr. Mov. N/A mi.	Sea L. 30.48 in.	Clds. - 3/10 Ci	Clds. - 8/10 Ci	Clds. - 3/10	
Ppn. 0 in.	Liq. Prev. Dir. N/A	3 hr. Tend. +1.07 mb	Wx Sunny Cool & Clear	Wx mild, sun, light winds	Wx mild, breezy	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer CPB	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.	

$$\bar{T} = 46$$

$$H_{DD} = 19$$

$$\sum H_{DD} = 463$$

$$T_{roof} = 39$$

$$T_w = 33$$

$$T_d = 23$$

$$T_{d_{nw}} = 27$$

$$T_{d_{pane}} = 25$$

$$\sum p_{n,l} = 8.51'' \quad \sum p_{n,s} = 4.6''$$

Thursday, 29 April 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.			
Max.	70 °F	Dir. —	Temp.				
			70 °F				
Min.	39* °F	Vel.	Read.				
		0 m.p.h.	28.98 in.				
Set	49 °F	Char.	Corr.	*overnight low 44			
		calm	28.86 in.				
R.H.	62 %	24 hr. Mov.	Sea L.	Clds.	0700	1300	1900
		NA mi.	30.22 in.	0/10			
Ppn.	0 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
		NA	+0.1 mb	hazy, mild, Calm	Bright sunny skies + warm	Pleasant + Warm	
Ppn.	0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.	
		0 in.	MHB	15 mi.	25 mi.	25 mi.	

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

$$T_w = 44$$

$$T_d = 37.5$$

$$T_{d \text{ Rames}} = 32$$

$$T_{d \text{ unv}} = 35$$

$$\bar{T} = 55$$

$$HDD = 10$$

$$\sum HDD = 473$$

$$\sum pen_L = 8.51''$$

$$\sum pen_S = 4.6''$$

Friday, April 30, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. —	Temp. 71 °F	* overnight low = 53 - some fog along base of ridge and in valley to E			
Min. * 49 °F	Vel. 0 m.p.h.	Read. 28.88 in.				
Set 55 °F	Char. calm	Corr. 28.76 in.	0700	1300	1900	
R.H. 55 %	24 hr. Mov. NA mi.	Sea L. 30.10 in.	Clds. -8/10 Cs	Clds. -5/10 Sc	Clds. 7/10	
Ppn. 0 in.	Liq. in.	Prev. Dir. NA	3 hr. Tend. +1.25 ✓ mb	Wx M. Cloudy but calm, mild	Wx warm, sunny hazy, light wind	Wx calm
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer HDS	Vis. 20 mi.	Vis. 20 mi.	Vis. 25 mi.

$\bar{T} = 63$
HDD = 2
 $\Sigma \text{HDD} = 475$
 $\Sigma \text{PCN}_L = 8.51$ "*"
 $\Sigma \text{PCN}_S = 4.6$ "

$T_{\text{ROOF}} = 56$ $T_w = 48$ $T_D = 40$
 $T_{\text{DAMES}} = 38$
 $T_{\text{DUNV}} = 39$

*-
Sets new record for month of April