

Saturday, April 1, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	43 °F	Dir.	SSW	Temp.	80 °F	SW-: (Briefly SW) 0915-1000LT (gauge emptied: 0.01") OCNL Flurries throughout afternoon			
Min.	25 °F	Vel.	3 m.p.h.	Read.	28.82 in.				
Set	27 °F	Char.	light	Corr.	28.67 in.				
R.H.	74 %	24 hr. Mov.	mi.	Sea L.	29.89 in.	0700	1300	1900	
Ppn.	0.01 in.	Prev. Dir.	mi.	3 hr. Tend.	+0.01 mb	Clds.	Clds.	Clds.	
Ppn.	T in.	Snow Depth	0 in.	Observer	PAF	Wx	Wx	Wx	
						Vis.	Vis.	Vis.	
						20 mi.	mi.	20 mi.	

$$\bar{T} = 34$$

$$HDD = 31$$

$$\Sigma HDD = 31$$

$$\Sigma PCN_L = 0.01''$$

$$\Sigma PCN_S = T$$

$$T_{RMS} = 27/19 \quad T_d \sim 21$$

$$T_{UNV} = 29/22$$

Sunday, April 2, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	46 °F	Dir.	Temp.	*Overnight Low - 30 5- 20400LT - obs 0800LT		
		—	78 °F			
Min.	27 * °F	Vel.	Read.			
		0 m.p.h.	28.78 in.			
Set	31 °F	Char.	Corr.	0700	1300	1900
		Calm	28.64 in.	Clds.	Clds.	Clds.
R.H.	85 %	24 hr. Mov.	Sea L.	10/10 Ns		
		— mi.	30.06 in.			3/10 Ac
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx.
0.05 in.		—	+1.0V mb	S- Fog		Brisk
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0.5 in.		T in.	DOS	2 mi.		20 mi.

$\bar{T} - 37$

HOD - 28

$\Sigma HOD - 59$

$\Sigma PCN_L - 0.06''$

$\Sigma PCN_S - 0.5''$

T_{trans} - 30/26

T_d - 27

T_{UV} - 29/27

Monday, April 3, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	44 °F	Dir.	E	Temp.	77 °F	OCNL SW - Obs 0800LT - 1600LT		
Min.	25 °F	Vel.	3 m.p.h.	Read.	28.94 in.			
Set	27 °F	Char.	Near Calm	Corr.	28.80 in.			
R.H.	85 %	24 hr. Mov.	- mi.	Sea L.	30.23 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	-	3 hr. Tend.	+2.2 mb	Clds. 3/10 Ac	Clds. 7/10 Ci	Clds. 10/10 Sc
Ppn.	T in.	Snow Depth	0 in.	Observer	DDS	Wx Haze low valley fog	Wx Dim Sunshine	Wx Virga, Showers
						Vis. 10 mi.	Vis. 15 mi.	Vis. starting 15 mi.

F-35

HAD-30

$\Sigma HAD - 89$

$\Sigma PLN_L - 0.06''$

$\Sigma PLN_S - 0.5''$

$T_{trans} - 28/22$ T₂-24

$T_{mv} - 27/25$

Tuesday, April 4, 1995 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. SW	Temp. 77 °F	*overnite low = 49 RW - : 2045LT - 0745LT			
Min. 27* °F	Vel. 11 m.p.h.	Read. 28.50 in.				
Set 49 °F	Char. gusts to 20	Corr. 28.36 in.	0700	1300	1900	
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 29.62 in.	Clds. Cu 8/10 SC Ci AS	Clds. Cv 10/10 ST	Clds. 7/10 SC	
Ppn. Liq. 0.11 in.	Prev. Dir. —	3 hr. Tend. -0.5 V mb	Wx chaotic sky crepuscular fogs	Wx Breezy temp. dropping	Wx WINDY BITTER CHILL	
Ppn. Sol. — in.	Snow Depth — in.	Observer PAF	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 44$$

$$HDD = 21$$

$$\Sigma HDD = 110$$

$$\Sigma PCN_L = 0.17''$$

$$\Sigma PCN_S = 0.5''$$

$$T_{RAMOS} = 48/40 \quad T_d = 40$$

$$T_{UNV} = 49/45 \quad T_w = 44$$

WEDNESDAY 5 APR 95

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	54 °F	Dir. WNW	Temp. 76 °F	RW- 0840 LT		
Min.	18 °F	Vel. 20 m.p.h.	Read. 28.92 in.	RW-, RW 1030-1100 LT		
Set	19 °F	Char. G-28	Corr. 28.79 in.	60 MPH GUST 1040 LT		
R.H.	49 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	RW- 1135 LT		
Ppn.	0.06 in.	Prev. Dir. —	3 hr. Tend. +2.5 mb	.06" PCN 1200 LT (GANGE ENTRED) ^{OVER}		
Ppn.	0.1 in.	Snow Depth T in.	Observer FCS	0700	1300	1900
				Clds. 2/10 CU	Clds. 1/10 CU	Clds. 1/10 SC
				Wx BITTER CHILL	Wx gusty chilly	Wx Mippy. Wind
				QUITE BREEZY	but slummy	Calim. Fall
				Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 36$

HDD = 29

Σ HDD = 139

Σ PCN_L = 0.23"

Σ PCN_s = 0.6"

$T_{\text{UNV}} = 18/5$ $T_D \sim 3$

$T_{\text{RAMOS}} = 17/1$

SW - 1545 LT (F&T RUIZIES
1600 → 0345)

S - 0345 - 0440 LT

→ PERIOD OF
ACCUMULATING
SNOW

TRWU NORTH OF STATION ~ 1045 LT
NO THUNDER HEARD AT STATION

THURSDAY 6 APR 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.					
Max.			Dir.	Temp.	* TIES RECORD LOW FOR DATE * OVRNT LO ~ 27					
36	°F		CALM	78				°F		
Min.			Vel.	Read.						
19	**	°F	0	m.p.h.	28.91	in.				
Set			Char.	Corr.						
29	°F		—	28.78	in.	0700	1300	1900		
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.			
53	%		—	mi.	30.11	in.	10/10 ST	1/10 AC	10/10 SC	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	COOL	Wx	Slight	Wx	MILD	
0	in.	—	—	0	mb	GRAY OVERCAST	Breeze	Warm Sun	RW-	
Ppn.	Sol.	Snow Depth	Observer	Vis.		Vis.		Vis.		
0	in.	0	in.	FCS	12	mi.	25	mi.	15	mi.

$$\bar{T} = 28$$

$$HDD = 37$$

$$\sum_{HDD}^{HDD} 176$$

$$\sum PCN_L = 0.23''$$

$$\sum PCN_S = 0.6''$$

$$T_{UNV} = 27/15 \quad T_D \sim 14$$

$$T_{RAMS} = 29/13$$

FRIDAY 7 APR 95

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.				
Max.	61 °F	Dir.	W	Temp.	78 °F	* OVERNIGHT MIN 38 RW - 1930 - 2230 LT					
*Min.	29 °F	Vel.	8 m.p.h.	Read.	28.76 in.						
Set	40 °F	Char.	VEL. STEADY	Corr.	28.63 in.						
R.H.	86 %	24 hr. Mov.	— mi.	Sea L.	29.93 in.	0700	1300	1900			
Clds.	0/10 CLR	Clds.	0/10 SC	Clds.	4/10 Ci						
Ppn.	0.08 in.	Prev. Dir.	—	3 hr. Tend.	+2.3 mb	Wx	HAZE	Wx	HAZE	Wx	Chilly
Ppn.	0 in.	Snow Depth	0 in.	Observer	FCS	Vis.	5 mi.	Vis.	7 mi.	Vis.	25 mi.

$$\bar{T} = 45$$

$$HDD = 20$$

$$\Sigma HDD = \del{20} 196$$

$$\Sigma PCN_L = 0.31''$$

$$\Sigma PCN_S = 0.6''$$

$$T_{UNV} = \del{40} 39/35 \quad T_w = 40$$

$$T_{RAMOS} = 40/33 \quad T_D = 36$$

Saturday, 8 April 1995 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	55 °F	Dir.	E	Temp.	78 °F	OCNL RW - 0400 - 085 LT *PRESSURE JUMP: 0745LT (spike in barograph)		
Min.	35 °F	Vel.	3 m.p.h.	Read.	28.75 in.			
Set	36 °F	Char.	light	Corr.	28.61 in.	0700	1300	1900
R.H.	73 %	24 hr. Mov.	— mi.	Sea L.	29.86 in.	Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	—	3 hr. Tend.	+0.01 * mb	Wx	Wx	Wx Fog
						Wx mild feeling, but humid		
Ppn.	Sol.	Snow Depth	Observer	Vis.	15 mi.	Vis.	Vis.	Vis.
	0 in.	0 in.	PAF					.6 mi.

$$\bar{T} = 45 \quad T_{\text{trans}} = 34/23 \quad T_d = 28$$

$$\text{HDD} = 20$$

$$T_{\text{unv}} = 33/29 \quad T_w = 33$$

$$\text{EHDD} = 216$$

$$\Sigma \text{PCN}_L = 0.31''$$

$$\Sigma \text{PCN}_S = 0.6''$$

Sunday, April 9, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 43 °F	Dir. —	Temp. 78 °F		* Overnight Low - 39 TRW - 1115LT TAW - 1120LT T ENO 1125LT RW - ENO 1135LT R - 1015LT 1300LT - 1600LT R - 1700LT - 2000 LT (T Solid = GRAPPL DURING TAW)		
Min. * 36 °F	Vel. 0 m.p.h.	Read. 28.59 in.		0700	1300	1900
Set 42 °F	Char. Calm	Corr. 28.45 in.				
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 29.83 in.		Clds. Obscured	Clds.	Clds. 10/50 SC
Ppn. Liq. 0.18 in.	Prev. Dir. —	3 hr. Tend. +3.1 mb		Wx Fog	Wx	Wx R - Cold, Damp
Ppn. Sol. T in.	Snow Depth 0 in.	Observer DAS		Vis. 6/10 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} - 40$

$T_{\text{trans}} - 40/39$

$T_w - 41$

$H_{DD} - 25$

$T_{\text{nu}} - 40/39$

$T_d - 40$

$\Sigma H_{DD} - 241$

$\Sigma PCN_L - 0.49''$

$\Sigma PCN_S - 0.6''$



Monday, April 10, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. NE-SE	Temp. 76 °F	TRW- 1500 LT (~.08") RW-TRW 1515 - 2000 LT TRW- 1800 LT		
Min.	29 °F	Vel. 8 m.p.h.	Read. 29.03 in.			
Set	29 °F	Char. G20	Corr. 28.89 in.	0700	1300	1900
R.H.	60 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. 8/10 Ac Li	Clds. 10/10 As	Clds. 6/10 As Li
Ppn.	0.54 in.	Prev. Dir. —	3 hr. Tend. +3.5/ mb	Wx Crisp	Wx Crisp Winterish	Wx. diminishing winds
Ppn.	0 in.	Snow Depth 0 in.	Observer 005	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} - 48$

$T_{\text{atmos}} - 29/15$

$T_D - 17$

$HDD - 17$

$T_{\text{Luv}} - 26/18$

$\Sigma HDD - 258$

$\Sigma PCN_2 - 1.03''$

$\Sigma PCN_3 - 0.6''$

Tuesday, 11 April 1995 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.	42 °F	Dir.	SE	Temp.	77 °F	OCNL RW - : 1345 - 1600LT 1800 - 1900LT L - : 2000 - 2020LT *overnite low = 40		
Min.	29* °F	Vel.	3 m.p.h.	Read.	29.15 in.			
Set	42 °F	Char.	light	Corr.	29.00 in.	0700	1300	1900
R.H.	34 %	24 hr. Mov.	— mi.	Sea L.	30.27 in.	Clds. 10/10 Sc	Clds. AL 10/10 As	Clds. 10/10 ST
Ppn.	T in.	Prev. Dir.	—	3 hr. Tend.	+1.05 mb	Wx "mid", but cloudy	Wx windy	LOW GRAY, OVERCAST
Ppn.	0 in.	Snow Depth	— in.	Observer	PAF	Vis. 25 mi.	Vis. 20 mi.	Vis. 10 mi.

$$\bar{T} = 36 \quad T_{RAMOS} = 41/17 \quad T_w = 33$$

$$HDD = 29$$

$$T_{UNIV} = 41/18 \quad T_d = 16$$

$$\Sigma HDD = 287$$

$$\Sigma PCN_L = 1.03''$$

$$\Sigma PCN_S = 0.6''$$

WEDNESDAY 12 APR 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.					
Max.	54 °F	Dir.	SW	Temp.	78 °F	* OVRT LO ~ 48					
Min.	42 * °F	Vel.	14 m.p.h.	Read.	29.00 in.						
Set	49 °F	Char.	G 18	Corr.	28.87 in.	0700	1300	1900			
R.H.	93 %	24 hr. Mov.	- mi.	Sea L.	30.14 in.	Clds.	10/10 ST	Clds.	10/10 St	Clds.	AS SE PE 10 clearer to west
Ppn.	0 in.	Prev. Dir.	-	3 hr. Tend.	-0.1 mb	Wx	HAZE BREEZY	Wx	still hazy still breezy	Wx	light RAIN
Ppn.	0 in.	Snow Depth	0 in.	Observer	FCS	Vis.	5 mi.	Vis.	5 mi.	Vis.	7 mi.

$$\bar{T} = 48$$

$$HDD = 17$$

$$\sum HDD = 304$$

$$\sum PCN_L = 1.03''$$

$$\sum PCN_S = 0.6''$$

$$\bar{T}_{UNV}$$

$$\bar{T}_{RAMOS} = 48/43$$

$$T_W = 49$$

$$T_D = 47$$

THURSDAY 13 APR 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	53 °F	Dir.	SW	Temp.	78 °F	RW - 1230-45 LT 1515 - 2030 LT					
Min.	42 °F	Vel.	6 m.p.h.	Read.	28.67 in.	TRW 1650-1700 A 1655 LT RW - ~ 0530-0630 LT ↓ HAIL VRY SML (4 pea)					
Set	44 °F	Char.	-	Corr.	28.54 in.	0700	1300	1900			
R.H.	89 %	24 hr. Mov.	- mi.	Sea L.	29.83 in.	Clds.	10/10 ST	Clds.	9/10 SC	Clds.	10/10 ST FRAC NS
Ppn.	0.37 in.	Prev. Dir.	-	3 hr. Tend.	✓ +0.3 mb	Wx	DAMP OVERCAST	Wx	Breezy Cool	Wx	R-
Ppn.	0 in.	Snow Depth	0 in.	Observer	FCS	Vis.	8 mi.	Vis.	20 mi.	Vis.	5 mi.

$$\bar{T} = 48$$

$$HDD = 17$$

$$\sum HDD = 321$$

$$\sum PCN_L = 1.40$$

$$\sum PCN_S = 0.6''$$

$$T_{UNV} = 44/39$$

$$T_{RAMOS} = 43/38$$

$$T_{UNV} = 44$$

$$T_{UNV} = 41$$

FRI. APRIL 14, 1995 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	46 °F	Dir.	WNW	Temp.	76 °F	L- 0915 LT L-, RW- 1730-2300 LT	
Min.	37 °F	Vel.	10 m.p.h.	Read.	28.70 in.		
Set	38 °F	Char.	G18	Corr.	28.57 in.	0700	1300
R.H.	85 %	24 hr. Mov.	- mi.	Sea L.	29.88 in.	Clds.	10/10 ~
Ppn.	.04 in.	Prev. Dir.	-	3 hr. Tend.	√+1.2 mb	Wx	L--
Ppn.	0 in.	Snow Depth	0 in.	Observer	FCS	Wx	COOL BREEZY RWU NE Apt at RW to S
				Observer	FCS	Vis.	10 mi.
				Observer	FCS	Vis.	15 mi.
				Observer	FCS	Vis.	20 mi.

$$\bar{F} = 42$$

$$H_{DD} = 23$$

$$\Sigma H_{DD} = 344$$

$$\Sigma PCW(L) = 1.44''$$

$$(S) = 0.6''$$

$$T_{UNV} = 38/33$$

$$T_W = 36$$

$$T_{TRANS} = 37/31$$

$$T_d = 34$$

Saturday, April 15, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	46 °F	Dir.	NW	Temp.	76 °F	RW-1PW-1SW- 1140LT		
Min.	33 °F	Vel.	10 m.p.h.	Read.	28.81 in.	RW- 1520LT		
Set	33 °F	Char.	Steady	Corr.	28.67 in.	0700	1300	1900
R.H.	62 %	24 hr. Mov.	- mi.	Sea L.	30.08 in.	Clds.	CU	Clds.
Ppn.	T in.	Prev. Dir.	-	3 hr. Tend.	4.4 ✓ mb	Wx	Crsp	Clds. Ci 2/10 (with rain)
Ppn.	T in.	Snow Depth	0 in.	Observer	DOS	Vis.	20 mi.	Wx Dry Cold wind
						Vis.		Vis. 25 mi.

$\bar{T} - 40$

$HDD - 25$

$\Sigma HDD - 369$

$\Sigma PCN_L - 1.44''$

$\Sigma PCN_S - 0.6''$

$T_{annos} - 32/21$

$T_{unv} - 34/24$

$T_d - 23$

Sunday, April 16, 1995

0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind	Barom.			
Max.	54 °F	Dir. WSW	Temp. 77 °F			
Min.	30 °F	Vel. 7 m.p.h.	Read. 28.80 in.			
Set	32 °F	Char. Constant	Corr. 28.66 in.	0700	1300	1900
R.H.	58 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. C. 4/10 Contrails AC	Clds.	Clds. thin 8/10 Ci
Ppn.	Liq. 0 in.	Prev. Dir. —	3 hr. Tend. r.7 ✓ mb	Wx Sunny	Wx	Wx Beautiful Sunset
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer DJS	Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

$\Gamma = 72$
HND-23
 $\Sigma HND - 392$
 $\Sigma PCN_L - 1.44''$
 $\Sigma PCN_S - 0.6''$

Tempos - 31/18
Tuvv - 34/20

Td - 19

Monday, April 17, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	63 °F	Dir. S-SE	Temp. 77 °F	#Overnight low - 35		
Min.	32 °F	Vel. 5 m.p.h.	Read. 28.83 in.			
Set	39 °F	Char. Variable Calm at times	Corr. 28.69 in.	0700	1300	1900
R.H.	24 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. Ci 4/10 Contrails Ac	Clds. LS 1/10	Clds. SC 9/10
Ppn.	0 in.	Prev. Dir. —	3 hr. Tend. +4.1 mb	Wx Sunny Extremely low haze	Wx Dim Sun	Wx clouds thickening
Ppn.	0 in.	Snow Depth 0 in.	Observer DDS	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} - 48$

HDD-17

$\Sigma HDD - 409$

$\Sigma PCN_c - 1.44''$

$\Sigma PCN_s - 0.6''$

TRAMOS - 42/18

$T_{unv} - \text{---}$

$T_w - 29$

$T_d - 5$

Tuesday, 18 April 1945

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. N	Temp. 78 °F	RW-: 1530-1545 LT			
Min. 38 °F	Vel. 3 m.p.h.	Read. 28.90 in.				
Set 43 °F	Char. light	Corr. 28.76 in.	0700	1300	1900	
R.H. 48 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. -As 6/10 Ci	Clds. As 10/10 Sc	Clds. Sc 10/10 As	
Ppn. T in.	Liq. — in.	Prev. Dir. —	3 hr. Tend. +2.0/mb	Wx low, thin haze	Wx Haze	
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer PAF	Vis. 20 mi.	Vis. 20 mi.	
				Vis. 20 mi.	Vis. 10 mi.	

$$\begin{aligned} F &= 49 & T_{UNV} &= 41/31 & T_W &= 36 \\ HDD &= 16 & T_{RAMOS} &= 44/30 & T_d &= 25 \\ \Sigma HDD &= 425 \\ \Sigma PCN_L &= 1.44'' \\ \Sigma PCN_S &= 0.6'' \end{aligned}$$

WED. APRIL 19, 1995 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.				
Max. 62 °F	Dir. SW	Temp. 80 °F	* OVRHT LO ~ 54 RW -- 1515-30 LT RW - 1545-1615 LT (01) TRW 0330-0415 LT ocnl L- 0415-0600 LT					
Min. 43* °F	Vel. 5 m.p.h.	Read. 28.59 in.	0700			1300	1900	
Set 55 °F	Char. STDY	Corr. 28.45 in.	R.H. 93 %	24 hr. Mov. - mi.	Sea L. 29.71 in.	Clds. Sc 5/10 AC	Clds. 2/10 Cu	Clds. 0/10
Ppn. 0.20 in.	Liq.	Prev. Dir. -	3 hr. Tend. L-0.3 mb	Wx HAZY	Wx absolutely lovely	Wx Red Sunset		
Ppn. 0 in.	Sol.	Snow Depth 0 in.	Observer FCS	Vis. 5 mi.	Vis. 15 mi.	Vis. 25 mi.		

$$\bar{F} = 53$$

$$T_{uv} = 55/52$$

$$T_w = 54$$

$$H_{00} = 12$$

$$T_{rms} = 56/53$$

$$T_d = 53$$

$$\sum_{H_{00}} = 427$$

$$\sum p_{00}(L) = 1.64''$$

$$s) = 0.6''$$

THURSDAY 20 APR 95

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max. *	73 °F	Dir.	N	Temp.	76 °F	* HIGHEST SINCE 10/19/94			
Min.	42 °F	Vel.	7 m.p.h.	Read.	28.85 in.				
Set	45 °F	Char.	G10	Corr.	28.72 in.	0700	1300	1900	
R.H.	79 %	24 hr. Mov.	— mi.	Sea L.	30.01 in.	Clds.	7/10 CI	Clds. ^{thin} 10/10 ^{cc} _{contrails}	
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	✓ +1.6 mb	Wx	SUNNY, THRU HIGH CLOUDS	Wx	Haze
Ppn.	0 in.	Snow Depth	0 in.	Observer	FCS	Vis.	8 mi.	Vis.	20 mi.
								Vis.	10 mi.



$$\bar{T} = 58$$

$$HDD = 7$$

$$\Sigma HDD = 44$$

$$\Sigma PCN_L = 1.64$$

$$\Sigma PCN_S = 0.6$$

$$\bar{T}_{UNV} = 45/34 \quad T_W = 45$$

$$\bar{T}_{RAMOS} = 45/35 \quad T_D = 39$$

FRIDAY 21 APR 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. S	Temp. 78 °F	* OVERNIGHT MIN 50 RW- 0740-086			
Min. 45 °F	Vel. 10 m.p.h.	Read. 28.71 in.				
Set 57 °F	Char. STEADY	Corr. 28.57 in.	0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.83 in.	Clds. 10/10 ST	Clds. 10/10 SC	Clds. 7/10 Cu	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx RW-	Wx RW-	Wx delightful	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer FCS	Vis. 8 mi.	Vis. 5 mi.	Vis. 25 mi.	

$$\begin{aligned} \bar{T} &= 54 & T_{UNV} &= 56/43 & T_W &= 53 \\ HDD &= 11 & T_{RAMOS} &= 55/45 & T_D &= 50 \\ \Sigma HDD &= 455 \\ \Sigma PCN_L &= 1.68'' \\ \Sigma PCN_S &= 0.6'' \end{aligned}$$

Saturday, 22 April 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F		Dir. SW	Temp. 76 °F	RW/RW-: OBS-1500LT (Gauge emptied: 0.24")		
Min. 50 °F		Vel. 10 m.p.h.	Read. 28.66 in.			
Set 52 °F		Char. steady	Corr. 28.52 in.			
R.H. 66 %		24 hr. Mov. / mi.	Sea L. 29.79 in.	0700 Clds. Sc 4/10 Cu	1300 Clds.	1900 Clds. 10/10 Sc
Ppn. Liq. 0.24 in.		Prev. Dir. /	3 hr. Tend. +0.8 / mb	Wx very mild morning	Wx	Wx Cold Gusty winds
Ppn. Sol. / in.		Snow Depth / in.	Observer PAF	Vis. 25 mi.	Vis. mi.	Vis. 17 mi.

$$\bar{T} = 59$$

$$HDD = 6$$

$$\Sigma HDD = 461$$

$$\Sigma PCN_L = 1.92''$$

$$\Sigma PCN_S = 0.6''$$

$$T_{RAMOS} = 52/40$$

$$T_{UNV} = 52/39$$

$$T_w = 47$$

$$T_d = 41$$

Sunday, April 23, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	56 °F	Dir.	W	Temp.	75 °F	Few "Spritzes" During Day		
Min.	32 °F	Vel.	8 m.p.h.	Read.	28.87 in.			
Set	36 °F	Char.	Constant	Corr.	28.74 in.	0700	1300	1900
R.H.	76 %	24 hr. Mov.	— mi.	Sea L.	30.14 in.	Clds. Ci 4/10 Contrails	Clds.	Clds. 10/10 ST
Ppn.	T in.	Prev. Dir.	—	3 hr. Tend.	+1.25 mb	Wx Crisp	Wx	Wx Calm Dry
Ppn.	0 in.	Snow Depth	0 in.	Observer	DOS	Vis.	20 mi.	Vis. 25 mi.

F-44

T Ramos - 30/29

Td-30

HAD-21

Tuv-38/30

$\Sigma HAD - 482$

$\Sigma PCN_L - 1.92''$

$\Sigma PCN_S - 0.6''$

Monday, April 24, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 57 °F	Dir. SE	Temp. 75 °F	Overnight Low - 40 0000 LT - Obs 0820 LT OCNL RW - / L - (Pcn. vry lgt at obs)			
Min. * 36 °F	Vel. 7 m.p.h.	Read. 28.60 in.				
Set 40 °F	Char. On and off (UNSTDY)	Corr. 28.47 in.	0700	1300	1900	
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	Clds. St 10/10	Clds. St 10/10	Clds. Ci 9/10 cc Ac Contrails	
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. 0 — mb	Wx RW —	Wx Sprinkle	Wx Bright Sunset in Ci Clouds	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DOS	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.	

F-47

Tramos - 40/31

HDD-18

TUVV - 39/29

Td-30

Σ HDD-~~40~~ 500

Σ PCN₂ - 1.95"

Σ PCN₃ - 0.6"

Tuesday, 25 April 1945

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F	Dir. —		Temp. 74 °F	RW-SG- : 0825LT RW-- : 1530LT		
Min. 32 °F	Vel. 0 m.p.h.		Read. 28.77 in.			
Set 35 °F	Char. Calm		Corr. 28.63 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.		Sea L. 29.90 in.	Clds. Ci 5/10. contrails	Clds. Ci 6/10 Ad	Clds ST FRAC. 10/10 SC
Ppn. Liq. T in.	Prev. Dir. —		3 hr. Tend. +2.51 mb	Wx valley fog	Wx very pleasant	Wx RW- windy
Ppn. Sol. T in.	Snow Depth 0 in.		Observer PAF	Vis. 15 mi.	Vis. 20 mi.	Vis. 10 mi.

$$\bar{T} = 43$$

$$HDD = 22$$

$$\Sigma HDD = 522$$

$$\Sigma PCN_L = 1.95''$$

$$\Sigma PCN_S = 0.6''$$

$$T_{RAMOS} = \frac{40}{37}$$

$$\frac{36}{30}$$

$$T_w \sim 32$$

$$T_{UNV} = \frac{29}{29}$$

$$\frac{36}{38}$$

$$T_d = 28$$

WEDNESDAY 26 APR 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. SW	Temp. 74 °F	RW- 2000-2100 LT			
Min. 35 °F	Vel. 3 m.p.h.	Read. 29.00 in.				
Set 40 °F	Char. LIGHT & STEADY	Corr. 28.88 in.	0700	1300	1900	
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. 2/10 CI	Clds. AC 8/10 CI	Clds.	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. +1.3 mb	Wx CLEAR COOL HAZE	Wx breezy	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer FCS	Vis. 15 mi.	Vis. 25 mi.	Vis. mi.	

$$\bar{T} = 49$$

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

$$T_w = 40$$

$$HDD = 16$$

$$T_{\text{RAMOS}} = 39/29$$

$$T_D = 34$$

$$\Sigma HDD = 538$$

$$\Sigma PCN_L = 1.99''$$

$$\Sigma PCN_S = 0.6''$$

THURSDAY 27 APR 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	63 °F	Dir. W	Temp. 76 °F	*OVRNT LO ~ 44		
Min.	40 °F	Vel. 2 m.p.h.	Read. 28.88 in.			
Set	50 °F	Char. LIGHT	Corr. 28.75 in.			
R.H.	83 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	0700	1300	1900
				Clds. 10/10 AC	Clds. Ci 2/10 Cu to N on 2 NW	Clds. ST. Fe. 10/10 SC
Ppn. Liq.	0 in.	Prev. Dir. —	3 hr. Tend. +0.4 mb	Wx MILD	Wx Sunny Breezy	Wx RW-
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer FCS	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

$$\bar{T} = 54$$

$$HDD = 11$$

$$\Sigma HDD = 549$$

$$\Sigma PCNL = 1.99''$$

$$\Sigma PCNS = 0.6''$$

$$T_{unv} = 49/34 \quad T_w = 45$$

$$T_{RAMOS} = 50/33 \quad T_D = 40$$

FRIDAY 28 APR 95

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. W	Temp. 78 °F	RW - 2000 - 2300 LT		
Min.	44 °F	Vel. 15 m.p.h.	Read. 28.82 in.			
Set	46 °F	Char. G 20	Corr. 28.69 in.			
R.H.	73 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	0700	1300	1900
Ppn.	Liq. .07 in.	Prev. Dir. —	3 hr. Tend. +2.0 mb	Clds. ^{MOVING} 10/10 SC	Clds. 10/10 SC ^{BKN}	Clds. 9/10 SC
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer FCS	Wx BREEZY	Wx COOL WINDY	Wx Still COOL breezy
				Vis. 20 mi.	Vis. 25 mi.	Vis. 20 mi.

$$\bar{T} = 61$$

$$HDD = 4$$

$$\sum HDD = 553$$

$$\sum PCN_L = 2.06''$$

$$\sum PCN_S = 0.6''$$

$$T_{unv} = 46/36 \quad T_u = 46$$

$$T_{Rams} = 44/34 \quad T_b = 38$$

Saturday, 29 April 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	56 °F	Dir.	W	Temp.	78 °F	FEW "SPRITES" MID-LATE AM, 28th		
Min.	45 °F	Vel.	10 m.p.h.	Read.	28.88 in.			
Set	47 °F	Char.	breezy	Corr.	28.73 in.	0700	1300	1900
R.H.	50 %	24 hr. Mōv.	/ mi.	Sea L.	29.99 in.	Clds.	Clds.	Clds.
Ppn.	7 in.	Prev. Dir.	/	3 hr. Tend.	+2.1 / mb	Wx	Wx	Wx
Ppn.	/ in.	Snow Depth	/ in.	Observer	PAF	Vis.	Vis.	Vis.
						25 mi.	mi.	20 mi.

$$\bar{T} = 51$$

$$T_{\text{UNV}} = 45/31$$

$$T_w = 39$$

$$\text{HDD} = 14$$

$$T_{\text{RAMOS}} = 46/30$$

$$T_d = 29$$

$$\Sigma \text{HDD} = 567$$

$$\Sigma \text{PEN}_L = 2.06''$$

$$\Sigma \text{PEN}_S = 0.6''$$

Sunday, April 30, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.			
Max.	64 °F		Dir.	E	Temp.	78 °F	0500LT - OBS (0800 LT) OLNL RW-			
Min.	45 °F		Vel.	8 m.p.h.	Read.	28.82 in.				
Set	45 °F		Char.	Steady	Corr.	28.68 in.	0700	1300	1900	
R.H.	55 %		24 hr. Mov.	— mi.	Sea L.	30.05 in.	Clds.	10/10 NS	Clds.	10/10 AS
Ppn.	.01 in.		Prev. Dir.	—	3 hr. Tend.	0.0 v mb	Wx	RW-	Wx	Wx Cool Damp Mt tops in clds
Ppn.	— in.		Snow Depth	— in.	Observer	DOS	Vis.	20 mi.	Vis.	17 mi.

T-55

H00-10

$\Sigma H00-577$

$\Sigma PCN_L - 2.07''$

$\Sigma PCN_S - 0.6''$

T Ramos - 45/29

T unv - 44/31

T_d - 30