

Sun. January 1, 1995

Temp.		Wind		0700 EST		Meteorological Observatory University Park, PA General Obs.		
Max.	33 °F	Dir.	-	Barom.	Temp.	RB-1324 LT GRADUAL CHANGE TO RR. RR- TAPERED TO DRIZZLE ~ 2300 LT LIGHT GLAZE TO 1/8" ICE ON SIDEWALKS, TREES, ETC.		
Min.	24 °F	Vel.	-	Read.	76 °F			
Set	33 °F	Char.	CALM	Corr.	28.72 in.			
R.H.	100 %	24 hr. Mov.	-	Sea L.	28.58 in.	0700	1300	1900
Ppn.	0.25 in.	Prev. Dir.	-	3 hr. Tend.	29.98 in.	Clds.	X	Clds.
Ppn.	0 in.	Snow Depth	0 in.	3 hr. Tend.	-1.84 mb	Wx	FOG	Wx
		Observer	FJG	Vis.	1/2 mi.	Wx		Wx
				Vis.		Vis.		Vis.

Td RAMOS = 29

$$\bar{T} = 29$$

$$H_{00} = 36$$

$$\sum H_{00} = 36$$

$$\bar{T} = 34$$

$$H_{DD} = 31$$

$$\sum H_{DD} = 67$$

$$\sum p_{CH}(L) = 0.31''$$

$$(S) = T$$

$$T_{d \text{ rains}} = 12$$

$$T_{d \text{ unv}} = 14$$

TUES 3 JAN 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. * 25 °F	Dir. SW	Temp. 74 °F	0710 LT GUST 46 mph				
Min. 16 °F	Vel. 10 m.p.h.	Read. 29.03 in.	1000-1100 LT SW 0.3" SOL.				
Set 20 °F	Char. G-18	Corr. 28.91 in.	*MAX OCCUR AT OBS, 2ND 0.1 LIQ.				
R.H. 67 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	0700	1300	1900	1600 LT OCNL SW - OCNL SW - 1600 - OBS 0.01 LIQ	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. ✓ +0.2 mb	Clds. 10/10 SC	Clds.	Clds. 10/10 L	Wx COOL SETTLED	
Ppn. Sol. 0.5 in.	Snow Depth T in.	Observer FCS	Wx SW-	Wx	Vis. 10 mi.	Vis. mi.	Vis. 15 mi.

$$\bar{T} = 21 \quad T_{unw} = 19/12 \quad T_D = 11$$

$$HDD = 44 \quad T_{crms} = 18/9$$

$$\Sigma HDD = 111$$

$$\Sigma PCN_L = 0.33''$$

$$\Sigma PCN_S = 0.5''$$

WEDNESDAY 4 JAN 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	28 °F	Dir. W	Temp. 76 °F	OBS OCNL SW-		
Min.	14 °F	Vel. 16 m.p.h.	Read. 28.93 in.			
Set	14 °F	Char. G 25	Corr. 28.80 in.			
R.H.	72 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	0700	1300	1900
Ppn.	Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +0.4 mb	Clds. 4/10 CU	Clds.	Clds. 3/10 SC
Ppn.	Sol. 0.4 in.	Snow Depth T in.	Observer FCS	Wx BRISK CHILLY	Wx	Wx BITTER
				Vis. 15 mi.	Vis. mi.	Vis. 15 mi.

$$\begin{aligned} \bar{T} &= 21 & T_{unv} &= & T_D &= 2 \\ HDD &= 44 & T_{RAMs} &= 12/2 \\ \Sigma HDD &= 155 \\ \Sigma PCN_L &= 0.35 \\ \Sigma PCN_S &= 0.98 \end{aligned}$$

THURSDAY 5 JAN 95

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	19 °F	Dir. W	Temp. 74 °F			
Min.	5 °F	Vel. 8 m.p.h.	Read. 29.05 in.			
Set	5 °F	Char. G 16	Corr. 28.93 in.			
R.H.	56 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	0700	1300	1900
Ppn.	Liq. 0 in.	Prev. Dir. —	3 hr. Tend. √ +1.0 mb	Clds. 2/10 SC	Clds.	Clds. 7/10 CLR
Ppn.	Sol. 0 in.	Snow Depth T in.	Observer FCS	Wx FRIGID	Wx	Wx BITTER
				Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$$\begin{aligned} T &= 12 & T_{unv} &= 6/0 & T_D &= -1 \\ HDD &= 53 & T_{ramos} &= 3/-2 \\ \Sigma HDD &= 208 \\ \Sigma PCN_L &= 0.35 \\ \Sigma PCN_S &= 0.9 \end{aligned}$$

FRIDAY 6 JAN 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	17 °F	Dir. CALM	Temp. 76 °F	* OVERNIGHT MIN 9 °F		
Min.	* 5 °F	Vel. - m.p.h.	Read. 28.97 in.			
Set	12 °F	Char. -	Corr. 28.84 in.			
R.H.	56 %	24 hr. Mov. - mi.	Sea L. 30.21 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir. -	3 hr. Tend. V. 1.6 mb	Clds. AS 7/10 AC	Clds.	Clds. --- 10/10
Ppn.	0 in.	Snow Depth 0 in.	Observer FCS	Wx CHILLY INCREASING CLOUDS	Wx	Wx ZR- 1P-
				Vis. 15 mi.	Vis. mi.	Vis. 10 mi.

$$\bar{T} = 11$$

$$HDD = 54$$

$$\sum HDD = 262$$

$$\sum PCN_2 = 0.35''$$

$$\sum PCN_3 = 0.9''$$

$$T_{unv} =$$

$$T_{RAMOS} = 13/-4$$

$$T_D =$$

SATURDAY 7 JAN 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F	Dir. CALM	Temp. 73 °F	* NO OVRNT MIN (TEMP RISE) ZR-, IP- 1830-2330 LT ZL- 2330-0100 LT SW-- (FEW MICROFLAKES) ~1200 LT			
Min. * 12 °F	Vel. - m.p.h.	Read. 28.16 in.				
Set 35 °F	Char. -	Corr. 28.04 in.	0700	1300	1900	
R.H. 99 %	24 hr. Mov. - mi.	Sea L. 29.35 in.	Clds. ST FRACUS 10/10 ST	Clds.	Clds. 10/10 ☽	
Ppn. Liq. 0.25 in.	Prev. Dir. -	3 hr. Tend. √+0.3 mb	Wx LIGHT FOG HAZE	Wx	Wx BINOC	
Ppn. Sol. 0.3 in.	Snow Depth T in.	Observer FCS	Vis. 5 mi.	Vis. mi.	Vis. 20 mi.	

$$\bar{T} = 24 \quad T_{UNV} = 33/32 \quad T_D = 31$$

$$HDD = 41 \quad T_{RAMOS} = 31/30$$

$$\Sigma HDD = 286303$$

$$\Sigma PCN_2 = 0.60''$$

$$\Sigma PCN_5 = 1.2''$$

SUNDAY 8 JAN 95

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F	Dir. SW	Temp. 74 °F	0615 - OBS LT SW - OCNL SW - AFTERNOON 7th			
Min. 25 °F	Vel. 15 m.p.h.	Read. 28.90 in.				
Set 26 °F	Char. G 20	Corr. 28.78 in.	0700	1300	1900	
R.H. 68 %	24 hr. Mov. - mi.	Sea L. 30.12 in.	Clds. 10/10 ~	Clds.	Clds. 10/10 ~	
Ppn. T in.	Liq. in.	Prev. Dir. -	3 hr. Tend. /+1.5 mb	Wx SW -	Wx BINOV	
Ppn. T in.	Sol. in.	Snow Depth T in.	Observer FCS	Vis. 7 mi.	Vis. mi.	Vis. 15 mi.

$$\bar{T} = 31 \quad T_{UNV} = 26 \quad T_0 = 18$$

$$HDD = 34 \quad T_{RAMS} = 24/15$$

$$\Sigma HDD = 337$$

$$\Sigma PCN_L = 0.60$$

$$\Sigma PCN_S = 1.2''$$

Monday January 9, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	31 °F	Dir. WNW	Temp. 77 °F	SW - - Obs - 1000 LT * MIN OCRD ~ 0900 LT, 8th		
Min.	25* °F	Vel. 10 m.p.h.	Read. 28.91 in.			
Set	28 °F	Char. G18	Corr. 28.77 in.			
R.H.	61 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	0700 Clds. 5/10 CU	1300 Clds. 4/10 CS	1900 Clds. overcast 1/10 Ci
Ppn.	T in.	Prev. Dir. —	3 hr. Tend. +4 ✓ mb	Wx Blustery	Wx Sunny Breezy	Wx clearing and cold
Ppn.	T in.	Snow Depth T in.	Observer DAS	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T} - 28$

$T_{UVV} - 28/19$

$T_d - 18$

$H00 - 37$

$T_{RMS} - 25/16$

$\Sigma H00 - 374$

$\Sigma PCN_L - 0.60''$

$\Sigma PCN_S - 1.2''$

Tuesday, January 10, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	33 °F	Dir.	—	Temp.	76 °F			
Min.	13 °F	Vel.	0 m.p.h.	Read.	29.17 in.			
Set	18 °F	Char.	calm	Corr.	29.03 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov.	— mi.	Sea L.	30.31 in.	Clds. 10/10 SC	Clds. 10/10 ST	Clds. 10/10 ST
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+0.6 mb	Wx cloudy, but still very cold	Wx SW -	Wx SW- ENDED
Ppn.	0 in.	Snow Depth	T in.	Observer	PAF	Vis. 20 mi.	Vis. 20 mi.	Vis. 10 mi.

$$\bar{T} = 23 \quad T_{UNV} = 17/10 \quad T_d = 9$$

$$HDD = 42 \quad T_{RAMOS} = 15/8$$

$$\Sigma HDD = ~~399412~~$$

$$\Sigma PCN_L = 0.60''$$

$$\Sigma PCN_S = 1.2''$$

$T = 22$ $T_{UNV} = 25/18$ $T_w = -$
 $HDD = 43$ $T_{RAMOS} = 23/16$ $T_D = 17$
 $\Sigma HDD = 459$
 $\Sigma PCN_L = 0.62''$
 $\Sigma PCN_S = 1.5''$

Thursday Jan 12

1994
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34* °F	Dir. Calm	Temp. 74 °F		IP- 1300LT - 1330LT ZR- PLS LT - 2230LT OCNL ZL- → L-, R- 2230LT - OBS * MAX TEMP OCRD OBS 12TH * MW TEMP OCRD OBS 11TH		
Min. 25* °F	Vel. 0 m.p.h.	Read. 28.82 in.				
Set 34 °F	Char. Calm	Corr. 28.69 in.		0700	1300	1900
R.H. 92 %	24 hr. Mov. - mi.	Sea L. 30.09 in.		Clds. 10/10 Ns, Fog	Clds. 10/10 Ns	Clds. FOG -X ST 10/10
Ppn. Liq. 0.17 in.	Prev. Dir. -	3 hr. Tend. -0.3 Lmb		Wx light rain fog	Wx Fog	Wx MILD LIGHT FOG
Ppn. Sol. T in.	Snow Depth T in.	Observer MDP		Vis. 2 mi.	Vis. 3 mi.	Vis. 3 mi.

$\bar{T} = 30$
HDD = 35
 $\Sigma HDD = 377.4$
 $\Sigma PCN_2 = 0.79$
 $\Sigma PCN_3 = 1.5$

$T_{UVV} = 34/32$
 $T_{PMOS} = 32/32$

$T_W = 33$
 $T_D = 32$

FRIDAY 13 JAN 95

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. *41 °F	Dir. CALM	Temp. 76 °F	*MAX T 0100 LT 13 JAN 95 *MIN T 0700 LT 12 JAN 95			
Min. *34 °F	Vel. 0 m.p.h.	Read. 28.94 in.	OCNL R-, FGT L- ALL DAY 12 th			
Set 37 °F	Char. —	Corr. 28.81 in.	0700	1300	1900	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. ST FRAC 10/10 SC AC	Clds. — 5/10 SO —	Clds. 10/10 -AS	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. /+1.8mb	Wx MILD LIGHT FOG	Wx BALMY HAZE, PERSIS- TENT CONTRAILS	Wx MOON dimly vsbl VERY MILD	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer FCS	Vis. 4 mi.	Vis. 4 mi.	Vis. 8 mi.	

$$\begin{aligned} \bar{T} &= 38 & T_{UNV} &= 37/35 & T_w &= 36 \\ HDD &= 27 & T_{ATMOS} &= 38/37 & T_D &= 35 \\ \Sigma HDD &= \frac{421}{104} \\ \Sigma PCN_L &= 0.84'' \\ \Sigma PCN_s &= 1.5'' \end{aligned}$$

Saturday, January 14, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	54 °F	Dir.	—	Temp.	76 °F	10° min-to-set ΔT in 90 min. (recoupled boundary layer)			
Min.	36 °F	Vel.	0 m.p.h.	Read.	28.94 in.				
Set	46 °F	Char.	calm	Corr.	28.80 in.				
R.H.	85 %	24 hr. Mov.	— mi.	Sea L.	30.09 in.	0700	1300	1900	
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	-1.02 mb	Clds.	low 10/10 SC	Clds.	Cu 10/10 SC CS
Ppn.	0 in.	Snow Depth	0 in.	Observer	PAF	Wx	patchy dense fog *still mittel	Wx	Wx Gusty South wind Mild moon
						Vis.	5 mi.	Vis.	Vis. ^{daily} 17 mi. _{visible.}

$$\bar{T} = 45 \quad T_{\text{PMOS}} = 50/49 \quad T_w = 42$$

$$\text{HDD} = 20 \quad T_{\text{INV}} = 40/40 \quad T_d = 42$$

$$\Sigma \text{HDD} = 50/49$$

$$\Sigma \text{PCN}_L = 0.84''$$

$$\Sigma \text{PCN}_S = 1.5''$$

Sunday, January 15, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 61 °F	Dir. S	Temp. 76 °F	* Overnight Low - 59 * Record Max Min			
Min. 46 * °F	Vel. 15 m.p.h.	Read. 28.63 in.	~ 2200 - obs (0700) LT OxNL RW-1RW FQT L-1L			
Set 59 °F	Char. G30	Corr. 28.49 in.	0700	1300	1900	
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 29.81 in.	Clds. CU 10/10 NS	Clds.	Clds. CU 10/10 ST	
Ppn. .06 in.	Liq. —	Prev. Dir. —	3 hr. Tend. -1.5 mb	Wx RW Haze	Wx Mild	
Ppn. 0 in.	Sol. —	Snow Depth 0 in.	Observer DDS	Vis. 7 mi.	Vis. 17 mi.	

\bar{T} -54

H00-11

$\Sigma H00$ -552

ΣPCN_2 - 0.90"

ΣPCN_3 - 1.5"

T_{trans} - 58/52

T_{unv} - 60/55

T_w - 58

T_d - 57

Monday January 16, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. * 60 °F	Dir. W	Temp. 78 °F	* record MAX for date # record MAX min for date			
Min. 43 °F	Vel. 11 m.p.h.	Read. 28.62 in.	F&T RW - OCNL RW obs, 15th - 1730 LT (0.63") 2200 - 2230 LT (0.04") OCNL L - OURNST			
Set 43 °F	Char. G 20	Corr. 28.48 in.	0700	1300	1900	
R.H. 81 %	24 hr. Mov. - mi.	Sea L. 29.86 in.	Clds. 10/10 SC	Clds. 10/10 SC	Clds. 10/10 St	
Ppn. 0.67 in.	Liq. -	Prev. Dir. -	3 hr. Tend. 1+4.5 mb	Wx Brisk	Wx Brisk	Wx L--
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer DDS	Vis. 17 mi.	Vis. 25 mi.	Vis. 7 mi.

$$\bar{T} = 52$$

$$H_{DD} = 13$$

$$\sum H_{DD} = \del{448} 465$$

$$\sum PCN(L) = 1.57''$$

$$(S) = 1.5''$$

$$T_{rain} = 43/39$$

$$T_{uvv} = 43/39$$

$$T_w = 41$$

$$T_d = 39$$

Tuesday, January 17, 1994
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 43 °F	Dir. NW	Temp. 77 °F	* MAX OCCUR AT OBS, 16th			
Min. 35 °F	Vel. 4 m.p.h.	Read. 28.92 in.				
Set 36 °F	Char. light	Corr. 28.78 in.	0700	1300	1900	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	Clds. 10/10-Sc	Clds. 10/10 Sc	Clds. 10/10 Sc	
Ppn. 0	Liq. in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx brisk	Wx Brisk	Wx BINOVC
Ppn. 0	Sol. in.	Snow Depth 0 in.	Observer PAF	Vis. 20 mi.	Vis. 25 mi.	Vis. 15 mi.

$$T = 39 \quad T_{\text{BIMAS}} = 34/30 \quad T_d = 31$$

$$HDD = 26 \quad T_{\text{UNV}} = 36/32$$

$$\Sigma HDD = \del{44}$$

$$\Sigma PCN_L = 1.57''$$

$$\Sigma PCN_S = 1.5''$$

WEDNESDAY 18 JAN 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.						
Max.	45 °F	Dir.	ENE	Temp.	76 °F	* MIN OCCURED AT OBS 17 TH					
Min.*	36 °F	Vel.	3 m.p.h.	Read.	28.90 in.						
Set	37 °F	Char.	—	Corr.	28.77 in.						
R.H.	89 %	24 hr. Mov.	— mi.	Sea L.	30.01 in.	0700	1300	1900			
Clds.	10/10 ST	Clds.	10/10 St	Clds.	10/10 St						
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	✓ +1.3 mb	Wx	LIGHT FOG	Wx	FOG	Wx	SWITZES
Ppn.	0 in.	Snow Depth	0 in.	Observer	FCS	Vis.	1.2 mi.	Vis.	1.6 mi.	Vis.	1.6 mi.

$$\bar{T} = 41 \quad T_{UNV} = 35/34 \quad T_w = 37$$

$$HDD = 24 \quad T_{ATMOS} = 36/34 \quad T_D = 34$$

$$\Sigma HDD = ~~47~~ 615$$

$$\Sigma PCN_L = 1.57''$$

$$\Sigma PCN_S = 1.5''$$

THURSDAY 19 JAN 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 45 °F	Dir. SE	Temp. 76 °F	* OVERNIGHT MIN 39°F L- 0930-1000LT FQT L-- OVERNIGHT MIN OLRD DURING AM L- (-1000LT) ← 18th			
Min. * 36 °F	Vel. 6 m.p.h.	Read. 28.92 in.				
Set 40 °F	Char. —	Corr. 28.79 in.	0700	1300	1900	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. --- 10/10 L	Clds. SC 10/10 ST	Clds. --- 10/10 L	
Ppn. T	Liq. in.	Prev. Dir. —	3 hr. Tend. -0.3 mb	Wx RDRS OBSC'D MIST	Wx Mt Tops in Clds.	Wx RDRS OBSC'D L--
Ppn. 0	Sol. in.	Snow Depth 0 in.	Observer FCS	Vis. 3.5 mi.	Vis. 10 mi.	Vis. 4 mi.

$$\begin{aligned} \bar{T} &= 41 & T_{UNV} &= & T_{.W} &= 40 \\ HDD &= 24 & T_{RAMS} &= 38/37 & T_D &= 38 \\ \Sigma HDD &= 629 \\ \Sigma PCN_L &= 1.57'' \\ \Sigma PCN_S &= 1.5'' \end{aligned}$$

FRIDAY 20 JAN 95

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 44 °F	Dir. SE	Temp. 76 °F	*RECORD PRECIP. FOR 20 JAN 95 PREVIOUS RECORD 1.08 (1986)			
Min. 40 °F	Vel. 10 m.p.h.	Read. 28.18 in.	0450 LT: TRW OCNL L- day + eve, 19th RW, FAT RW ~ 0200 ~ 0630 LT			
Set 40 °F	Char. G 20	Corr. 28.05 in.	0700	1300	1900	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 29.35 in.	Clds. VERY LOW 10/10 STRATUS 10/10 CM 2VS	Clds. ST 10/10 NS	Clds. Sc 10/10	
Ppn. Liq. *1.26 in.	Prev. Dir. —	3 hr. Tend. 1-5.2mb	Wx BREEZY PRSR	Wx RW- RIDGES OBSCURED	Wx BECOMING CLOUDY	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer FCS	Vis. 2 mi. V6BY LWR S-B	Vis. 7 mi.	Vis. 7 mi.	

$$\begin{aligned} \bar{T} &= 42 & T_{UNV} &= 40/39 & T_w &= 41 \\ HDD &= 23 & T_{RAMOS} &= 40/40 & T_D &= 40 \\ \Sigma HDD &= 548 \\ \Sigma PCN_L &= 2.83'' \\ \Sigma PCN_S &= 1.5'' \end{aligned}$$

Saturday, 21 January 1975

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 44 °F	Dir. WWSW	Temp. 74 °F	RW-, OCNL RW: 0840-1345LT SW-, 1345-1545LT			
Min. * 33 °F	Vel. 12 m.p.h.	Read. 28.34 in.	* 9th consecutive day with MIN TEMP ≥ 33; RECORD FOR JANUARY			
Set 34 °F	Char. Gusts to 25	Corr. 28.21 in.	OCNL SW- till OBS			
			0700	1300	1900	
R.H. 72 %	24 hr. Mov. - mi.	Sea L. 29.38 in.	Clds. SC 10/10 (B.WIND)	Clds.	Clds. CU 10/10 SC	
Ppn. Liq. 0.35 in.	Prev. Dir. -	3 hr. Tend. +1.3 mb	Wx Bvirk, Breezy	Wx	Wx S-	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer PAF	Vis. 25 mi.	Vis. mi.	Vis. 7 mi.	

$$F = 29 \quad T_{\text{TRANS}} = 32/1.4 \quad T_d = 2.6$$

$$HDD = 26 \quad T_{\text{UNV}} = 35/27$$

$$\Sigma HDD = 688$$

$$\Sigma PCN_L = 3.18''$$

$$\Sigma PCN_S = 1.5''$$

Sunday, January 22, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. W	Temp. 76 °F	FAT SW-15W/5-15 Entire Day			
Min. 23 °F	Vel. 11 m.p.h.	Read. 28.52 in.				
Set 23 °F	Char. G20	Corr. 28.38 in.				
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 29.80 in.	0700	1300	1900	
Ppn. Liq. 0.08 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Clds. Ac 8/10 SC	Clds.	Clds. Ac 9/10 SC	
Ppn. Sol. 0.8 in.	Snow Depth 1 in.	Observer DOS	Wx Blustery	Wx	Wx Blustery	
			Vis. 25 mi.	Vis. mi.	Vis. 17 mi.	

F-29

H00-36

$\Sigma H00 - 324$

$\Sigma PCN_L - 3.26''$

$\Sigma PCN_S - 2.3''$

T_{amos} - 20/12 T_d - 14

T_{uv} - 23/15

Monday, January 23, 1995 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	27 °F	Dir.	W	Temp.	76 °F	OCNL SW-1SW Entire Day		
Min.	18 °F	Vel.	9 m.p.h.	Read.	28.68 in.			
Set	18 °F	Char.	G18	Corr.	28.54 in.			
R.H.	71 %	24 hr. Mov.	- mi.	Sea L.	29.98 in.	0700	1300	1900
Clds.	4/10 Sc	Clds.	3/10 Sc,	Clds.	10/10 Ns			
Ppn.	T in.	Prev. Dir.	-	3 hr. Tend.	+1.0 mb	Wx	Wx	Wx
						Brisk	still Brisk - clearing skies	S
Ppn.	0.1 in.	Sol.	1 in.	Snow Depth	1 in.	Observer	DAS	Vis.
						Vis.	25 mi.	25 mi.
						Vis.	6 mi.	6 mi.

$\bar{r} - 23$

$T_{uv} - 18/12$

$T_d - 11$

$HAD - 42$

$T_{amos} - 16/9$

$\Sigma HAD - 766$

$\Sigma PCN_L - 3.26''$

$\Sigma PCN_S - 2.4''$

Tuesday, January 24, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	29 °F	Dir. W	Temp. 75 °F	FRT SW-15- 1700LT - OBS MIN TEMP OCRD AT OBS, 23° SRT TEMP = OURNET LOW * THIN COATING OF SNOW BY 1930 LT (<0.1"); ONLY REMAIND MBR		
Min. *	18 °F	Vel. 8 m.p.h.	Read. 28.72 in.			
Set	24 °F	Char. Varying 5-10	Corr. 28.58 in.			
R.H.	76 %	24 hr. Mov. — mi.	Sea L. 29.84 in.	0700	1300	1900
Clds.	10/10 St	Clds.	7/10 AC	Clds.	10/10 ~	
Ppn.	T in.	Prev. Dir. —	3 hr. Tend. +0.5/mb	Wx	Wx	Wx
				flurries	Extremly Light flurries	SW-
Ppn.	Sol. T in.	Snow Depth T in.	Observer PAF	Vis.	Vis.	Vis.
				6 mi.	10 mi.	7 mi.

$$\bar{T} = 24$$

$$\bar{T}_{RAMS} = 21/16$$

$$T_d = 18$$

$$HDD = 41$$

$$\Sigma HDD = \cancel{540} 807$$

$$T_{UNV} = 24/19$$

$$\Sigma PCN_L = 3.26''$$

$$\Sigma PCN_S = 2.4''$$

WEDNESDAY 25 JAN 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 32 °F	Dir. W	Temp. 73 °F	OCNL SW - OBS 24 - OBS 25 * MIN OVRD ~ 0730LT, 24th SET TEMP = OVRNT 20			
Min. * 23 °F	Vel. 17 m.p.h.	Read. 28.92 in.				
Set 27 °F	Char. G 21	Corr. 28.80 in.	0700	1200	1900	
R.H. 81 %	24 hr. Mov. - mi.	Sea L. 30.13 in.	Clds. 10/10 ~	Clds. 9/10 ~	Clds. 8/10 SC	
Ppn. Liq. .01 in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx (FLURRIES) SW-	Wx BLOWY, CRISK	Wx Getting COLD	
Ppn. Sol. 0.4 in.	Snow Depth T in.	Observer FCS	Vis. 7 mi.	Vis. 20 mi.	Vis. 20 mi.	

$$\bar{T} = 28$$

$$HDD = 37$$

$$\Sigma HDD = 844$$

$$\Sigma PCN_s = 3.27''$$

$$\Sigma PCN_L = 2.5''$$

$$T_{UVV} = 28/24$$

$$T_{RAMOS} = 25/19$$

$$T_D \sim 22$$

THURSDAY 26 JAN 95

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 33 °F	Dir. W	Temp. 75 °F	SW - 0700-0930 LT			
Min. 21 °F	Vel. 12 m.p.h.	Read. 28.90 in.				
Set 22 °F	Char. —	Corr. 28.78 in.	0700	1300	1900	
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. SC 4/10 ASL CS	Clds. SC 7/10 CS	Clds. 10/10 SC	
Ppn. T	Liq. in.	Prev. Dir. —	3 hr. Tend. -0 mb	Wx BRISK CHILLY	Wx Bright	Wx BREEZY
Ppn. T	Sol. in.	Snow Depth T in.	Observer FCS	Vis. 12 mi.	Vis. 25 mi.	Vis. 15 mi.

$$\begin{aligned}\bar{T} &= 27 & T_{UNV} &= 22/16 & T_D &\sim 15 \\ HDD &= 38 & T_{RAMOS} &= 20/13 \\ \Sigma HDD &= 88E \\ \Sigma PCN_L &= 3.27'' \\ \Sigma PCN_S &= 2.5''\end{aligned}$$

FRIDAY 27 JAN 95 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 30 °F	Dir. WINW	Temp. 74 °F	SW - (FLURRIES) ON + OFF ALL DAY 26 TH AND OVERNIGHT			
Min. 22 °F	Vel. 10 m.p.h.	Read. 28.89 in.				
Set 24 °F	Char. -	Corr. 28.77 in.	0700	1300	1900	
R.H. 68 %	24 hr. Mov. - mi.	Sea L. 30.12 in.	Clds. 7/10 ~	Clds. 8/10 ~	Clds. 0/10	
Ppn. T in.	Liq. -	Prev. Dir. -	3 hr. Tend. L-0.4mb	Wx SEASONABLE	Wx BREEZY FLURRIES	Wx Finally! clear!
Ppn. T in.	Sol. -	Snow Depth 0 in.	Observer FCS	Vis. 20 mi.	Vis. 15 mi.	Vis. 15 mi.

$$\begin{aligned}\bar{T} &= 26 & T_{UNV} &= 24/16 & T_D &\sim 15 \\ HDD &= 39 & T_{RAMOS} &= 21/13 \\ \Sigma HDD &= ~~82~~ 921 \\ \Sigma PCN_L &= 3.27'' \\ \Sigma PCN_S &= 2.5\end{aligned}$$

Saturday, 28 January 1995
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 32 °F	Dir. NE	Temp. 74 °F	SW -- : 0900 LT (VERY BRIEF)			
Min. 23 °F	Vel. 9 m.p.h.	Read. 28.90 in.				
Set 23 °F	Char. gust to 16	Corr. 28.77 in.	0700	1300	1900	
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. 6/10 Sc.	Clds.	Clds. 4/10 Ci	
Ppn. T in.	Liq. —	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx (low vs by SW) brisk	Wx Starlight	
Ppn. T in.	Sol. 0 in.	Snow Depth in.	Observer PAF	Vis. 15 v. 25 mi.	Vis. mi. 25 mi.	

$$\bar{T} = 28 \quad T_{UNV} = 22/17 \quad T_d = 19$$

$$HDD = 37 \quad T_{RAMS} = 20/20$$

$$\Sigma HDD = 958$$

$$\Sigma PCN_L = 3.27''$$

$$\Sigma PCN_S = 2.5''$$

Sunday, January 29, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 28 °F	Dir. E	Temp. 75 °F				
Min. 11 °F	Vel. 6 m.p.h.	Read. 28.94 in.				
Set 11 °F	Char. Constant	Corr. 28.80 in.	0700	1300	1900	
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. 0/10	Clds.	Clds. 1/40 Contrails	
Ppn. 0 in.	Liq. —	Prev. Dir. —	3 hr. Tend. + 1.0 / mb	Wx Brilliant Sunrise	Wx	Wx Relatively Mild
Ppn. 0 in.	Sol. —	Snow Depth 0 in.	Observer DOS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

F-20

H00-45

$\Sigma H00-100\text{S}$

$\Sigma PCN_L - 3.27''$

$\Sigma PCN_S - 2.5''$

$T_{unv} - 9/4$

$T_{amos} - 9/2$

$T_d - 3$

Monday, January 30, 1995

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. E	Temp. 78 °F	* Occurred at ~ 0730 LT * Overnight Low - 18			
Min. 10* °F	Vel. 4 m.p.h.	Read. 28.81 in.				
Set 18 °F	Char. Constant	Corr. 28.67 in.	0700	1300	1900	
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. AC 7/10 Contrails	Clds. Contrails to West	Clds. 0/10	
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. -.81 mb	Wx Low Haze Brisk	Wx Low Haze Very Sunny	Wx Dark! Brisk	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DAS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} - 22$

HDD-43

$\Sigma PCN - 1046$

$\Sigma PCN_L - 3.27''$

$\Sigma PCN_S - 2.5''$

Tempos - 16/4

Tenu - 16/11

$T_d - 10$

Tuesday, January 31, 1995
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.			
Max.	37 °F		Dir.	—		Temp.	76 °F			
Min.	18* °F		Vel.	0 m.p.h.		Read.	28.62 in.			
Set	22 °F		Char.	Calm		Corr.	28.48 in.			
R.H.	59 %		24 hr. Mov.	— mi.		Sea L.	29.80 in.			
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	+0.0 — mb		Wx	clear - calm - vibrant			
Ppn.	Sol.	Snow Depth	Observer	PAF		Vis.	25 mi.			
						0700			1300	1900
						Clds.	0/10		Clds. AS 7/10 AL	Clds. 2/10 CI
						Wx	Slight breeze Cool		Wx TRANQUIL	
						Vis.	25 mi.		Vis.	25 mi.
						Vis.	25 mi.		Vis.	20 mi.

$$\bar{T} = 28$$

$$T_{UNV} = 21/14$$

$$T_d = 12$$

$$HDD = ~~4237~~$$

$$\Sigma HDD = 1088$$

$$TRANS = 18/10$$

$$\Sigma PCN_b = 3.27''$$

$$\Sigma PCN_s = 2.5''$$