

Saturday Oct 1, 1994

0700 EST
 Meteorological Observatory
 University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.		Dir.		Temp.	* overnite min = 49 R-, FRT R 0530LT → OBS			
63	°F	CALM		70				°F
Min.		Vel.		Read.				
43*	°F	CALM	m.p.h.	28.74	in.			
Set		Char.		Corr.	0700	1300	1900	
51	°F	CALM		28.62	in.			
R.H.		24 hr. Mov.		Sea L.	Clds.	Clds.	Clds.	
97	%	-	mi.	29.97	in.		Obscd. Darkness	
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	
0.32	in.	-		-1.5	mb		Calm	
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.	
-	in.	-	in.	MOP	4	mi.	mi. Obscd. Darkness	

10/16 NS, Fog
on Reg

RAIN
DRABY

T = 53
HDD = 12
 Σ HDD = 12
 Σ CDD = 0
 Σ PLN = 0.32"

T_{max} = 49/49
T_{min} = 50/49

T_{max} = 50
T_{min} = 49

Sunday, October 2, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. N	Temp. 70 °F	R- obs - 0830 LT RW - 1450 - 1515 LT		
Min.	46 °F	Vel. 1 m.p.h.	Read. 28.78 in.			
Set	46 °F	Char. Light	Corr. 28.66 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. Cu 2/10 ALU	Clds.	Clds. 0/10
Ppn.	.13 in.	Prev. Dir. —	3 hr. Tend. +2.0 / mb	Wx Mrs. tops in clouds low valley fog	Wx	Wx Crystal clear
Ppn.	— in.	Snow Depth — in.	Observer DOS	Vis. 20 mi.	Vis. — mi.	Vis. 25 mi.

$$\begin{aligned}\bar{T} &= 53 \\ H00 &= 12 \\ \Sigma H00 &= 24 \\ \Sigma L00 &= 0 \\ \Sigma PLN &= .45''\end{aligned}$$

$$\begin{aligned}T_{RMS} &= 49/46 \\ T_{UV} &= 48/46\end{aligned}$$

$$\begin{aligned}T_w &= 44 \\ T_d &= 42\end{aligned}$$

Monday, October 3, 1961

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. ENE	Temp. 69 °F			
Min.	37 °F	Vel. 3 m.p.h.	Read. 28.90 in.			
Set	39 °F	Char. light	Corr. 28.78 in.	0700	1300	1900
R.H.	76 %	24 hr. Mov. — mi.	Sea L. 36.07 in.	Clds. Contrail 9/10 ci	Clds. ci 2/10	Clds. 0/10
Ppn.	Liq. 0 in.	Prev. Dir. —	3 hr. Tend. 1.37 mb	Wx valley fog towards Tussey Ridge	Wx cool calm	Wx chilly
Ppn.	Sol. — in.	Snow Depth — in.	Observer PAF	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 49 \quad T_{min} = 31/34 \quad T_w = 36$$

$$HDD = 16 \quad T_{max} = 34/33 \quad T_d = 32$$

$$\Sigma HDD = 40$$

$$\Sigma CDD = 0$$

$$\Sigma PCN = 0.45''$$

101

100

25

Tuesday, October 4, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	59 °F	Dir. WSW	Temp. 68 °F			
Min.	34 °F	Vel. 3 m.p.h.	Read. 28.94 in.			
Set	36 °F	Char. Light	Corr. 28.82 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. Ci 4/10 contant	Clds. Pi 8/10	Clds. Obscured darkness
Ppn.	0 in.	Prev. Dir. —	3 hr. Tend. 4.1 mb	Wx very chilly some fog	Wx Still cool	Wx Cool
Ppn.	— in.	Snow Depth — in.	Observer SN	Vis. 20 mi.	Vis. 25 mi.	Vis. Obscured darkness mi.

$$T = 47$$

$$HD = 18$$

$$\sum HD = 34$$

$$\sum CDD = 0$$

$$\sum PLN = 0.45''$$

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

$$T_{frames} = 35/32$$

$$T_w = 34$$

$$T_d = 31$$

Wednesday, October 5, 1994
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	56 °F	Dir.	NNW	Temp.	73 °F	*Overnight low - 44		
Min.	36* °F	Vel.	8 m.p.h.	Read.	28.84 in.			
Set	44 °F	Char.	Light	Corr.	28.71 in.	0700	1300	1900
R.H.	71 %	24 hr. Mov.	— mi.	Sea L.	30.09 in.	Clds. Ci Cu 7/10 Scw con- CGw mist	Clds. SC 10/10	Clds. Ci 10/10
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+1.0 mb	Wx cool Interesting clouds	Wx still very chilly	Wx Contrails Beautiful fall
Ppn.	— in.	Sol.	— in.	Snow Depth	— in.	Observer	Vis.	20 mi.
						Observer	Vis.	25 mi.
						Observer	Vis.	20 mi.

$$T = 46$$

$$HOD = 19$$

$$\Sigma HOD = 53$$

$$\Sigma CM = 0$$

$$\Sigma PCN = 0.45''$$

$$T_{uv} = 44/36$$

$$T_{anos} = 41/33$$

$$T_w = 40$$

$$T_d = 35$$

Thursday, October 6, 1994
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	52 °F	Dir. Calm	Temp. 67 °F			
Min.	35 °F	Vel. 0 m.p.h.	Read. 28.97 in.			
Set	35 °F	Char. Calm	Corr. 28.85 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov. - mi.	Sea L. 30.26 in.	Clds. Ci 2/10 Contrails	Clds. Sc 3/10 ci	Clds. Ci 5/10
Ppn.	0 in.	Prev. Dir. -	3 hr. Tend. +1.7 mb	Wx Foggy with Brilliant Frost on crops	Wx Mild Sunshine	Wx Still mild
Ppn.	- in.	Snow Depth - in.	Observer MDP	Vis. 20 mi.	Vis. 25 mi.	Vis. 7 mi.

$\bar{T} = 44$
 $HDD = 21$
 $\Sigma HDD = 74$
 $\Sigma CDD = 0$
 $\Sigma PCN = 0.45''$

$T_{trans} = 34/32$
 $T_{unv} = 36/34$

$T_{wet} = 33$
 $T_{osw} = 30$

Friday, October 7, 1994
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	61 °F	Dir.	NW	Temp.	64 °F	* overnight Low 38°F			
Min.	35* °F	Vel.	2 m.p.h.	Read.	29.12 in.				
Set	38 °F	Char.	Light	Corr.	29.01 in.				
						0700	1300	1900	
R.H.	93 %	24 hr. Mov.	— mi.	Sea L.	30.41 in.	Clds.	0/10	Clds.	0/10
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+ .2 mb	Wx very soaky mild	Wx Hazy but beautiful	Wx MILD DARKNESS	
Ppn.	— in.	Snow Depth	— in.	Observer	SN	Vis.	4 mi.	Vis.	20 mi.
						Vis.	20 mi.	Vis.	20 mi.

$\bar{T} = 48$
 $HDD = 17$
 $\Sigma HDD = 91$
 $\Sigma CDD = 0$
 $\Sigma PCN = 0.45''$

$T_{ramos} = 39/37$ $T_w = 40$
 $T_{unu} = 39/38$ $T_D = 38$

$\Sigma HDD = 12$
 $\Sigma HDD = 103$
 $\Sigma LDD = 0$
 $\Sigma PCN = 0.45''$

$T_{UNV} = 46/44$
 $T_{RAMOS} = 47/43$

$T_{WET} = 42$
 $T_{DEW} = 40$

Sunday, October 9, '00 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	S	Temp.	68 °F	*override low = 56		
Min.	44* °F	Vel.	5 m.p.h.	Read.	28.78 in.			
Set	57 °F	Char.	light	Corr.	28.66 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov.	- mi.	Sea L.	29.96 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	-	3 hr. Tend.	-1.01 mb	Wx waiting for next air mass	Wx	Wx touch another evening
Ppn.	- in.	Snow Depth	- in.	Observer	PAF	Vis.	Vis.	Vis.
						15 mi.	mi.	15 mi.

$T=59$ $T_{TRANS} = 50/52$ $T_w=54$
 $HDD=6$ $T_{UNV} = 53/50$ $T_d=52$
 $\Sigma HDD = 109$
 $\Sigma CDD = 0$
 $\Sigma PCN = 0.45''$

Monday, October 10, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	63 °F	Dir.	—	Temp.	66 °F	R-: 1200-1400LT RW-: 1630-1645LT PCPN VRY LGT FROPA ~ 1600LT		
Min.	39 °F	Vel.	Ø m.p.h.	Read.	28.97 in.			
Set	41 °F	Char.	calm	Corr.	28.86 in.	0700	1300	1900
R.H.	86 %	24 hr. Mov.	— mi.	Sea L.	30.14 in.	Clds.	Clds.	Clds.
Ppn.	0.04 in.	Prev. Dir.	—	3 hr. Tend.	+2.0 / mb	6/10 SC Cu Fra	6/10 Cu	3/10 Cu
Ppn.	— in.	Snow Depth	— in.	Observer	PAF	Wx L-- towards S... cool + autumnal	Wx Windy + cool	Wx Still chilly
Sol.	— in.			Vis.	25 mi.	25 mi.	7 mi.	

$$\bar{T} = 51 \quad T_{UNV} = 43/38 \quad T_w = 39$$

$$HDD = 14 \quad T_{RAMOS} = 42/39 \quad T_d = 37$$

$$\Sigma HDD = 113$$

$$\Sigma CDD = 0$$

$$\Sigma PCN = 0.49''$$

Tuesday, October 11, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	55 °F	Dir.	—	Temp.			
				66 °F			
Min.	31 °F	Vel.	0 m.p.h.	Read.			
				29.23 in.			
Set	33 °F	Char.	calm	Corr.			
				29.11 in.	0700	1300	1900
R.H.	89 %	24 hr. Mov.	— mi.	Sea L.	Clds.	Clds.	Clds.
				30.52 in.	0/10	0/10	0/10
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	Wx very Chilly	Wx sunny cool	Wx Observed mi.
				+0.2 mb			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
—	in.	— in.	SN	17 mi.	25 mi.		

$$\bar{T} = 43$$

$$HDD = 22$$

$$\Sigma HDD = 135$$

$$\Sigma CDD = 0$$

$$\Sigma PCN = 0.49''$$

$$T_{unv} = 36/32$$

$$T_{amos} = 33/29$$

$$T_w = 33$$

$$T_d = 30$$

Wednesday, October 12, 1994
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. NE	Temp. 67 °F			
Min.	30 °F	Vel. 1 m.p.h.	Read. 29.15 in.			
Set	33 °F	Char. Light	Corr. 29.03 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov. — mi.	Sea L. 30.47 in.	Clds. Contrails 1/10	Clds. 0/10	Clds. 0/10
Ppn.	0 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx low valley Cold haze Some frost	Wx clear Cool	Wx DARK
Ppn.	— in.	Snow Depth — in.	Observer DDS	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 43$$

$$H00 = 22$$

$$\Sigma H00 = 157$$

$$\Sigma C00 = 0$$

$$\Sigma PCN = 0.49''$$

$$T_{UV} = 32/31$$

$$T_{RMS} = 30/30$$

$$T_w = 32$$

$$T_d = 31$$

Thursday Oct 13, 1994
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	59 °F	Dir. Calm	Temp. 68 °F			
Min.	33 °F	Vel. 0 m.p.h.	Read. 29.12 in.			
Set	36 °F	Char. Calm	Corr. 29.00 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov. - mi.	Sea L. 30.44 in.	Clds. 7/10 c, s, c contrails	Clds. 2, c, s 9/10	Clds. c, s 9/10
Ppn.	0 in.	Prev. Dir. -	3 hr. Tend. +0.3 / mb	Wx Crisp Fog in valley	Wx Dim Sunshine	Wx Milder
Ppn.	- in.	Snow Depth - in.	Observer MDP	Vis. 20 mi.	Vis. 25 mi.	Vis. 7 mi.

$\bar{T} = 46$
HDD = 19
 $\Sigma \text{HDD} = 176$
 $\Sigma \text{CDD} = 0$
 $\Sigma \text{PCN} = 0.49''$

$T_{\text{unv}} = 34/32$ $T_w = 35$
 $T_{\text{atmos}} = 36/32$ $T_{\text{Dew}} = 33$

Friday October 14, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. calm	Temp. 71 °F	*Overnight Lo 45°F		
Min.	36* °F	Vel. 0 m.p.h.	Read. 29.12 in.			
Set	46 °F	Char. Calm	Corr. 29.00 in.			
				0700	1300	1900
R.H.	86 %	24 hr. Mov. — mi.	Sea L. 30.38 in.	Clds. Sc, Ae 10/10	Clds. Ac, Sc 10/10	Clds. Ci 2/10
Ppn.	0 in.	Prev. Dir. —	3 hr. Tend. +0.05mb	Wx not as cool	Wx same at this morning but cool	Wx Moonlit
Ppn.	— in.	Snow Depth — in.	Observer SN	Vis. 20 mi.	Vis. 23 mi.	Vis. 20 mi.

$$\bar{T} = 47$$

$$HDD = 18$$

$$\Sigma HDD = 194$$

$$\Sigma CDD = 0$$

$$\Sigma PCN = 0.4911$$

$$T_{unv} = 44/42$$

$$T_{ramos} = 46/42$$

$$T_w = 44$$

$$T_d = 42$$

Saturday, October 15, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. CALM	Temp. 68 °F			
Min.	34 °F	Vel. 0 m.p.h.	Read. 29.03 in.			
Set	34 °F	Char. CALM	Corr. 28.91 in.	0700	1300	1900
R.H.	96 %	24 hr. Mov. - mi.	Sea L. 30.32 in.	Clds. 0/10	Clds.	Clds. 0/10
Ppn.	0 in.	Prev. Dir. -	3 hr. Tend. +1.0/mb	Wx Sunny, Crisp for Shaded Valley	Wx	Wx Effortlessly Clear
Ppn.	- in.	Snow Depth - in.	Observer MDP	Vis. 3 v 10 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 46$
ADD = 19
 $\Sigma HDI = 213$
EC DI = 0
 $\Sigma PCN = 0.49''$

$T_{unv} = 36/34$ $T_w = 34$
 $T_{atmos} = 37/33$ $T_{dew} = 33$

Sunday, October 16, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir.	—	Temp.	66 °F	
Min.	34 °F	Vel.	0 m.p.h.	Read.	29.05 in.	
Set	36 °F	Char.	Calm	Corr.	28.94 in.	
				0700	1300	1900
R.H.	93 %	24 hr. Mov.	— mi.	Sea L.	30.35 in.	Clds. 6/10 4/10 contrails
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+4.4 mb	Wx Fog
Ppn.	— in.	Snow Depth	— in.	Observer	DDS	Vis. 4 mi.
						Vis. mi. 25 mi.

$$\bar{T} = 48$$

$$H00 = 17$$

$$\Sigma H00 = 230$$

$$\Sigma LOD = 0$$

$$\Sigma PLN = 0.49''$$

$$T_{uv} = 38/36$$

$$T_{Ramos} = 39/35$$

$$T_w = 35$$

$$T_d = 34$$

Monday, October 17, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir.	Temp.			
		—	65 °F			
Min.	29 °F	Vel.	Read.			
		0 m.p.h.	29.10 in.			
Set	30 °F	Char.	Corr.	0700	1300	1900
		calm	28.99 in.			
R.H.	92 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		— mi.	30.30 in.	0/10		2/10 →
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0	in.	—	+0.5 mb	scattered frost - chilly w/ fog		cool pleasant few cl
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
—	in.	— in.	PAF	25 mi.	mi.	20 mi.

$$\bar{T} = 46 \quad T_{\text{ONV}} = 33/28 \quad T_w = 29$$

$$HDD = 19 \quad T_{\text{trans}} = 35/27 \quad T_d = 28$$

$$\Sigma HDD = 249$$

$$\Sigma CDD = 0$$

$$\Sigma PCN = 0.49''$$

Tuesday Oct. 18, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. S	Temp. 60 °F	* OVERNIGHT MIN 38		
Min.	* 30 °F	Vel. 8 m.p.h.	Read. 28.96 in.			
Set	41 °F	Char. SPEED VARIABLE 4-10 MPH	Corr. 28.85 in.			
R.H.	76 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. 7/10	Clds. 6/10	Clds. CC. 3/10
Ppn.	Liq. 0 in.	Prev. Dir. —	3 hr. Tend. 10.3 mb	Wx COOL AUTUMN-LIKE, HAZE	Wx warming up nicely. few clouds	Wx WARM moonlight
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer FCS	Vis. 15 mi.	Vis. 15 mi.	Vis. 13 mi.

$$\begin{aligned}\bar{T} &= 49 & T_{\text{aromas}} &= 42/92 & T_w &= 38 \\ \text{HDD} &= 16 & T_{\text{unv}} &= 42/94 & T_o &= 34 \\ \Sigma \text{CDD} &= 0 \\ \Sigma \text{HDD} &= 265 \\ \Sigma \text{PCN} &= 0.49''\end{aligned}$$

Wednesday October 19, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp. 68 °F	* Overnight min - 43			
Min. 41* °F	Vel. 0 m.p.h.	Read. 28.67 in.				
Set 47 °F	Char. Calm	Corr. 28.55 in.	0700	1300	1900	
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 29.91 in.	Clds. 9/10 SC	Clds. 10/10	Clds. 10/10 SE	
Ppn. 0 in.	Liq. —	Prev. Dir. —	3 hr. Tend. 0.0 mb	Wx Very low valley fog	Wx Fog NW - 30 mi R	
Ppn. — in.	Sol. — in.	Snow Depth — in.	Observer DOS	Vis. 23 mi.	Vis. 1.5 mi.	
				Vis. 5 mi.		

$$\bar{T} = 57$$

$$HND = 8$$

$$\Sigma HND = 273$$

$$\Sigma LOD = 0$$

$$\Sigma PLN = 0.49''$$

$$T_{\text{AMOS}} = 46/42$$

$$T_{\text{UVV}} = 47/41$$

$$T_w = 45$$

$$T_d = 43$$

Thursday, October 20, 1994
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 57 °F	Dir. Calm	Temp. 70 °F	RW- 1025 LT - 1305 LT L- Late afternoon (0.29")			
Min. 47* °F	Vel. 0 m.p.h.	Read. 28.74 in.	R- @ 600 LT - OBS (0.05") * Temp steady during night			
Set 56 °F	Char. CALM	Corr. 28.62 in.	0700	1300	1900	
R.H. 96 %	24 hr. Mov. - mi.	Sea L. 29.96 in.	Clds. 10/10 St, Fog	Clds. 4/10 SC	Clds. 4/10 SC	
Ppn. Liq. .34 in.	Prev. Dir. -	3 hr. Tend. +0.15 mb	Wx Damp, Drizzle	Wx Balmy	Wx mild	
Ppn. Sol. - in.	Snow Depth - in.	Observer MDP	Vis. 5 mi.	Vis. 17 mi.	Vis. 20 mi.	

$\bar{T} = 52$
 $HDD = 13$
 $\Sigma HDD = 286$
 $\Sigma CDD = 0$
 $\Sigma PCN = 0.83$

$\bar{T}_{RAMOS} = 54/54$
 $\bar{T}_{UNV} = 56/55$

$T_w = 53$
 $T_0 = 54$

FRIDAY, 21 OCT 94

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 69 °F	Dir. SW	Temp. 70 °F	FEW RW-- 0800-0830 LT, 20 th			
Min. 44 °F	Vel. 12 m.p.h.	Read. 28.80 in.				
Set 46 °F	Char. STEADY	Corr. 28.68 in.	0700	1300	1900	
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	Clds. 2/10 $\overline{6}$	Clds. 7/10 \checkmark	Clds.	
Ppn. T in.	Liq. —	Prev. Dir.	3 hr. Tend. +1.0 mb	Wx COOL PATCHY FOG FRANK NE	Wx COOL HAZY	Wx
Ppn. 0 in.	Sol. 0 in.	Snow Depth	Observer FCS	Vis. 10 mi.	Vis. 7 mi.	Vis. mi.

$$\begin{aligned}\bar{T} &= 57 & T_{UNV} &= 45/43 & T_w &= 45 \\ HDD &= 8 & T_{RAMOS} &= 46/43 & T_D &= 43 \\ \Sigma CDD &= 0 \\ \Sigma HDD &= 294 \\ \Sigma PCN &= 0.83\end{aligned}$$

SATURDAY, 22 OCT 94

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	60 °F	Dir.	-	Temp.	68 °F			
Min.	40 °F	Vel.	0 m.p.h.	Read.	28.82 in.			
Set	42 °F	Char.	CALM	Corr.	28.71 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov.	- mi.	Sea L.	29.84 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	-	3 hr. Tend.	+0.3 mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	FCS	Wx	Wx	Wx
				Observer	FCS	Vis.	Vis.	Vis.
				Observer	FCS	Vis.	Vis.	Vis.

9/10 →
Wx HAZE
very LIGHT FOG
Obscured
Darkness
Wx
L+RW
hazy
Obscured
Darkness

$$\bar{T} = 50 \quad T_{UNV} = 41/40 \quad T_W = 41$$

$$HDD = 15 \quad T_{RAMS} = 42/40 \quad T_D = 40$$

$$\sum CDD = 0$$

$$\sum HDD = 309$$

$$\sum PCN = 0.83$$

$$\bar{T} = 53$$

$$T_{unv} = 51/45$$

$$T_w = 47$$

$$H_{00} = 12$$

$$T_{Ramos} = 50/46$$

$$T_d = 43$$

$$\Sigma H_{00} = 321$$

$$\Sigma C_{00} = 0$$

$$\Sigma PLN = 0.83''$$

Monday, October 24, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. WSW	Temp. 68 °F			
Min.	38 °F	Vel. 4 m.p.h.	Read. 28.84 in.			
Set	43 °F	Char. light	Corr. 28.72 in.			
R.H.	63 %	24 hr. Mov. mi.	Sea L. 30.02 in.	0700 Clds. -Ci 9/10 -Sc	1300 Clds. 2/10 ☁	1900 Clds. 2/10 ☁
Ppn.	Liq. 0 in.	Prev. Dir.	3 hr. Tend. +1.5 / mb	Wx pleasant autumn morning valley fog SE	Wx COOL BREEZY	Wx Dark, Autumnal
Ppn.	Sol. in.	Snow Depth in.	Observer PAF	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 54 \quad T_{UNV} = 42/34 \quad T_w = 38$$

$$HDD = 11 \quad T_{RAMS} = 44/34 \quad T_d = 31$$

$$\Sigma HDD = 332$$

$$\Sigma CDD = 0$$

$$\Sigma PCN = 0.83''$$

TUESDAY OCT 25, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	61 °F	Dir.	SW	Temp.	68 °F	RW - (~1300 - MIDNIGHT)		
Min.	40 °F	Vel.	5 m.p.h.	Read.	28.8/in.			
Set	41 °F	Char.	—	Corr.	28.70 in.			
R.H.	85 %	24 hr. Mov.	— mi.	Sea L.	30.00 in.	0700	1300	1900
Ppn.	0.01 in.	Prev. Dir.	—	3 hr. Tend.	+1.4 mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	FCS	3/10 2	7/10 2	Observed Darkness
				Observer	FCS	Wx COOL CLEARING	Wx COOL BREEZY	Wx Cold Breezy
				Observer	FCS	Vis.	Vis.	Vis.
				Observer	FCS	15 mi.	12 mi.	Observed Darkness mi.

$\bar{T} = 51$
HDD = 14
 $\Sigma CDD = 6$
 $\Sigma HDD = 346$
 $\Sigma PCN = 0.84$

$T_{UNV} = 40/36$ $T_W = 39$
 $T_{RMOS} = 39/35$ $T_D = 37$

WEDNESDAY OCT 26, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	52 °F	Dir.	WNN	Temp.	70 °F			
Min.	34 °F	Vel.	6 m.p.h.	Read.	28.90 in.			
Set	37 °F	Char.	CONSTANT	Corr.	28.78 in.	0700	1300	
R.H.	82 %	24 hr. Mov.	— mi.	Sea L.	30.18 in.	Clds. CS 8/10 AS	Clds. C 8/10 C	Clds. SC 9/10 SC
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+0.7 mb	Wx CRISP HAZE	Wx COOL SUN THRU HIGH CLOUDS SC W-N	Wx NORWINTER-like
Ppn.	0 in.	Snow Depth	0 in.	Observer	DDS	Vis.	20 mi.	15 mi.
						Vis.	17 mi.	

$$\bar{T} = 43 \quad T_{\text{ramos}} = 34/27 \quad T_w = 35$$

$$HDD = 22 \quad T_{\text{unv}} = 38/29 \quad T_D = 32$$

$$\sum CDD = 0$$

$$\sum HDD = 368$$

$$\sum PCN = 0.84$$

Thursday, Oct 27, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. WSW	Temp. 69 °F	FEW FLAKES (SW--) 1930-2000 LT OVRT LO ~39		
Min.	37* °F	Vel. 2 m.p.h.	Read. 28.90 in.			
Set	41 °F	Char. light	Corr. 28.78 in.			
R.H.	85 %	24 hr. Mov. - mi.	Sea L. 30.17 in.	0700 Clds. 10/10 st, sc	1300 Clds. 10/10 sc	1900 Clds. 8/10 ~v
Ppn.	T in.	Prev. Dir. -	3 hr. Tend. +1.4/mb	Wx cloudy, cnsp	Wx Dull, November-ish	Wx AUTUMN-LIKE
Ppn.	T in.	Snow Depth - in.	Observer MDP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 43$
 $HDD = 22$
 $\sum CDD = 0$
 $\sum HDD = 390$
 $\sum PCN = 0.84$

$T_{Aeros} = 38/34$
 $T_{UV} = 41/36$

$T_{wet} = 39$
 $T_{dew} = 36$

FRIDAY, 29 OCT 94

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	52 °F	Dir.	—	Temp.	68 °F			
Min.	31 °F	Vel.	0 m.p.h.	Read.	29.09 in.			
Set	31 °F	Char.	CALM	Corr.	28.97 in.	0700	1300	1900
R.H.	85 %	24 hr. Mov.	— mi.	Sea L.	30.29 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	+1.7 mb	Wx INVERSION-CAPPED HAZE	Wx DISTANT HAZE W-N BREEZY ICAISP	Wx Getting Cooler
Ppn.	0 in.	Snow Depth	0 in.	Observer	FCS	Vis.	Vis.	Vis.
						7 mi.	12 mi.	20 mi.

$$\begin{aligned} \bar{T} &= 42 & T_{RAMOS} &= 30/29 & T_w &= 31 \\ HDD &= 23 & T_{UNV} &= 32/30 & T_D &= 28 \\ \Sigma CDD &= 0 \\ \Sigma HDD &= 413 \\ \Sigma PCN &= 0.84 \end{aligned}$$

Saturday, Oct 29, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	59 °F	Dir.	Calm	Temp.	69 °F	OVRNT LO ~34		
Min.	31* °F	Vel.	0 m.p.h.	Read.	28.91 in.			
Set	35 °F	Char.	Calm	Corr.	28.79 in.			
R.H.	83 %	24 hr. Mov.	- mi.	Sea L.	30.20 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	-	3 hr. Tend.	+0.1 mb	Clds. 1 Ci, 10 Contrails	Clds.	Clds. Observed Darkness
Ppn.	- in.	Snow Depth	- in.	Observer	MDP	Wx Crisp, Patchy Sunny Valley Fog	Wx	Wx Cool Happy
				Observer	MDP	Vis. 25 mi.	Vis.	Vis. Observed Darkness mi.

$\bar{T} = 45$
 $HDD = 20$
 $\Sigma CDD = 0$
 $\Sigma HDD = 433$
 $\Sigma PCN = 0.84''$

$T_{RAMOS} = 36/29$
 $T_{UNV} = 38/30$

$T_w = 33$
 $T_D = 30$

Sunday, October 30, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. W	Temp. 68 °F	*Overnight Low ~ 39-40			
Min. 35* °F	Vel. 8 m.p.h.	Read. 28.98 in.				
Set 43 °F	Char. Constant	Corr. 28.86 in.	0700	1300	1900	
R.H. 53 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. 0/10	Clds.	Clds. 0/10	
Ppn. 0 in.	Liq. — in.	Prev. Dir. —	3 hr. Tend. + .4 ✓ mb	Wx Crisp low valley fog	Wx MILD	
Ppn. — in.	Sol. — in.	Snow Depth — in.	Observer DDS	Vis. 23 mi.	Vis. mi. 20 mi.	

$$\begin{aligned}\bar{T} &= 50 \\ HOD &= 15 \\ \Sigma LOD &= 0 \\ \Sigma NOD &= 448 \\ \Sigma PLN &= 0.84''\end{aligned}$$

$$\begin{aligned}T_{RAMOS} &= 47/30 \\ T_{UNU} &= 47/30\end{aligned}$$

$$\begin{aligned}T_w &= 35 \\ T_d &= 22\end{aligned}$$

MONDAY, OCT 31, 1994

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	68 °F	Dir.	—	Temp.	70 °F			
Min.	40 °F	Vel.	0 m.p.h.	Read.	28.87 in.			
Set	45 °F	Char.	CALM	Corr.	28.75 in.	0700	1300	1900
R.H.	68 %	24 hr. Mov.	— mi.	Sea L.	30.02 in.	Clds. 6/10 SC	Clds. 10/10 6/10 Nov	Clds. 10/10 Δ
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	-0.5 mb	Wx MILD STILL HAZY	Wx HAZE	Wx MILD
Ppn.	— in.	Snow Depth	— in.	Observer	PAF	Vis. 20 mi.	Vis. 6 mi.	Vis. 10 mi.

$$\bar{T} = 54$$

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

$$T_w = 40$$

$$HDD = 11$$

$$T_{RAMOS} = 44/38$$

$$T_D = 36$$

$$\Sigma HDD = 459$$

$$\Sigma CDD = 0$$

$$\Sigma PCN = 0.84$$

$$\text{ALMAZ OCT. TOTAL} = 497$$