

Saturday 1 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. ESE	Temp. 74 °F			
Min.	43 °F	Vel. 4 m.p.h.	Read. 29.02 in.			
Set	49 °F	Char. Steady	Corr. 28.90 in.	*Derived from Davis		
				0700	1300	1900
R.H.	61 %	24 hr. Mov. M mi.	Sea L. 30.27 in.	Clds. CLR	Clds.	Clds. SKC
Ppn.	- in.	Prev. Dir. M	3 hr. Tend. 1 to 20 mb	Wx few contrails	Wx	Wx SUNNY & PLEASANT
Ppn.	- in.	Snow Depth - in.	Observer SML	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T 57

H_{DD} 8

C_{DD} 0

ΣH_{DD} 8

ΣC_{DD} 0

ΣPCN_L 0

ΣPCN_S 0

T_{UNV} 49/34

T_{DAVIS} 49/36

T_w -

T_d 36*

PCN_{TS} 0

ΣPCN_{TS} 0

Sunday 2 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir.	-	Temp.	M °F	
Min.	46 °F	Vel.	0 m.p.h.	Read.	M in.	Δ Derived from Barograph
Set	46* °F	Char.	calm	Corr.	M in.	* Derived from UNV
						0700 1300 1900
R.H.	63* %	24 hr. Mov.	M mi.	Sea L.	30.20 ^Δ in.	Clds. % Clds. % Clds. % Ac
Ppn.	- in.	Prev. Dir.	M	3 hr. Tend.	/+1.2 mb	Wx cool Wx Wx contrails
Ppn.	- in.	Snow Depth	- in.	Observer	AJD	Vis. 25 mi. Vis. mi. Vis. 25 mi.

\bar{T} 59
 H_{DD} 6
 C_{DD} 0
 ΣH_{DD} 14
 ΣC_{DD} 0
 ΣPCN_L 0
 ΣPCN_S 0

T_{UNV} 46/34
 T_{DVIS}

T_w -
 T_a 34*

PCN_{TD} 0
 ΣPCN_{TD} 0

Monday 3 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. NE	Temp. 75 °F			
Min.	41 °F	Vel. 4 m.p.h.	Read. 29.13 in.			
Set	49 °F	Char. light	Corr. 28.99 in.	0700	1300	1900
R.H.	52 %	24 hr. Mov. M mi.	Sea L. 30.36 in.	Clds. $\frac{3}{10}$ Ci Cc	Clds. $\frac{9}{10}$ As, Cs	Clds. $\frac{10}{10}$ As
Ppn.	— in.	Prev. Dir. M	3 hr. Tend. — +0 mb	Wx fallstreaks	Wx -RA CIG RGD	Wx Breezy
Ppn.	— in.	Snow Depth — in.	Observer AJD	Vis. 25 mi.	Vis. 25 mi.	Vis. 15 mi.

\bar{T} 59
 H_{DD} 6
 C_{DD} 0
 ΣH_{DD} 20
 ΣC_{DD} 0
 ΣPCN_6 0
 ΣPCN_5 0

T_{UNV} 43/31
 T_{DAVIC} 55/55

T_w 45
 T_a 37

PCN_{TD} 0
 ΣPCN_{TD} 0



TUESDAY 4 MAY 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	66 °F	Dir.	ESE	Temp.	70 °F	-SHRA 11:45-12:00 LT 13:50-14:10 LT 18:00-18:15 LT					
Min.	49 °F	Vel.	- m.p.h.	Read.	28.86 in.						
Set	54 °F	Char.	calm	Corr.	28.74 in.						
R.H.	70 %	24 hr. Mov.	M mi.	Sea L.	30.09 in.	Clds.	9/10 Sc	0700	1300	1900	
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	STEADY mb	Wx	A few spots of blue	Wx	WARM	Wx	WARM, MANY BIRDS
Ppn.	- in.	Snow Depth	- in.	Observer	SRS	Vis.	25 mi.	Vis.	25 mi.	Vis.	25 mi.

F 58

HDD 7

COB 0

Σ HDD 27

Σ COB 0

Σ PCN_L T

Σ PCN_S 0

TUNV 54/42

T DAVIS 53/46

TW 49

T D 46

PCN_{TB} 0
 Σ PCN_{TB} 0

WEDNESDAY 5 MAY 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.						
Max.	73 °F	Dir.	—	Temp.	-SHRA 1645-1700LT LAST OB EMB *OUNT LOW 55						
Min.	54 °F	Vel.	0 m.p.h.	69 °F							
Set	58 °F	Char.	CALM	Read.				28.78 in.			
R.H.	79 %	24 hr. Mov.	M mi.	Sea L.	28.66 in.	0700	1300	1900			
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	V+.8mb	Clds.	SKC	Clds. 5/10 Cu, Ci	Clds. 10/10 st		
Ppn.	— in.	Snow Depth	— in.	Observer	EMB	Wx	WARM, VERY HAZY	Wx WARM, Humid	Wx HAZY		
						Vis.	4 mi.	Vis.	10 mi.	Vis.	5 mi.

T 64

HAD 1

COO D

Σ HAD 28

Σ COO D

Σ PCN_LT

Σ PCN_SO

T UNV 56/46

T DAVIS

T_w 56

T_d 53

THURSDAY 6 MAY 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	81 °F	Dir.	E	Temp.	69 °F	LAST OBS SRS			
Min.	58 °F	Vel.	3 m.p.h.	Read.	28.77 in.				
Set	60 °F	Char.	light	Corr.	28.65 in.	*OVNT LOW 60			
						0700	1300	1900	
R.H.	82 %	24 hr. Mov.	M mi.	Sea L.	29.96 in.	Clds.	10/10 St	Clds.	10/10 St
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	1+1 mb	Wx	Fog	Wx	Hazy
Ppn.	— in.	Snow Depth	— in.	Observer	SRS	Vis.	3 mi.	Vis.	4 mi.
								Vis.	5 mi.

T 70

H₀₀ 0

C₀₀ 5

ΣH₀₀ 28

ΣC₀₀ 5

ΣPCN_L T

ΣPCN_S Ø

T DAVIS 60/55

T UNV 59/49

TW -

*TD 55

* FROM DAVIS

PCN_{TB} 0

ΣPCN_{TB} 0

Friday 7 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	OCCL - DE 1900LT - 1900 LT			
65 °F	-	69 °F				
Min.	Vel.	Read.				
57 °F	1 m.p.h.	28.73 in.				
Set	Char.	Corr.	0700	1300	1900	
58 °F	variable	28.61 in.				
R.H.	24 hr. Mov.	Sea L.	Clds. ST	Clds.	Clds. ST	
90 %	M mi.	29.93 in.	10/10	7/5c	9/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
T in.	M	1+1 mb	gloomy	HZ	ominous	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
- in.	- in.	AJD	3 mi.	10 mi.	4 mi.	

T 61

H_{DD} 4

C_{DD} 0

ΣH_{DD} 32

ΣC_{DD} 5

ΣPCN_L T

ΣPCN_S 0

T_{DAVIS} 58/56

T_{UNW} 57/50

T_w 58

T_p 57

PCN_{TB} —

ΣPCN_{TB} —

Saturday 8 May 1900
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F	Dir. S	Temp. 68 °F	TS 4200LT - 0000LT DECL 02 0001LT - OBS			
Min. + 58 °F	Vel. 8 m.p.h.	Read. 28.64 in.				
Set 61 °F	Char. Constant	Corr. 28.52 in.	30VNT L1W 60			
R.H. 90 %	24 hr. Mov. M mi.	Sea L. 29.83 in.	0700 Clds. NS 4/10	1300 Clds. NS	1900 Clds. As/Ac 6/10	
Ppn. .15 in.	Liq.	Prev. Dir. M	3 hr. Tend. -1 mb	Wx -02	Wx pleasant	
Ppn. - in.	Sol.	Snow Depth - in.	Observer ADH	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} - 65$

$H_{00} - 0$

$C_{00} - 0$

$\sum H_{00} 32$

$\sum C_{00} - 5$

$\sum PCN_2 0.15$

$\sum PCN_3 0$

$T_{Davis} 60/57$

$T_w - 60$

$T_{uv} 60/51$

$T_D - 57$

$PCN_{70} - 0.12$

$\sum PCN_{70} - 0.12$

Sunday 9 May 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. SV	Temp. 66 °F	orographic lifting over Tussey mtn			
Min. 53 °F	Vel. 10 m.p.h.	Read. 28.54 in.	OCLL - DZ OBS - 0900 LT			
Set 55 °F	Char. breezy	Corr. 28.43 in.	AA 1000 - 1200 LT			
R.H. 80 %	24 hr. Mov. M mi.	Sea L. 29.75 in.	0700 Clds. Ac $\frac{8}{10}$	1300 Clds.	1900 Clds. $\frac{1}{10}$ Ac	
Ppn. 0.20 in.	Liq. in.	Prev. Dir. M	3 hr. Tend. +2 mb	Wx seasonable	Wx nice	
Ppn. - in.	Sol. in.	Snow Depth - in.	Observer PLD	Vis. 25 mi.	Vis. mi. 25 mi.	

$$\bar{T}: 62$$

$$H_{DD}: 3$$

$$C_{DD}: 0$$

$$\sum H_{DD}: 35$$

$$\sum C_{DD}: 5$$

$$\sum PCN_L: 0.41$$

$$\sum PCN_S: 0$$

$$T_{Davis} 65/50$$

$$T_{UWV} 55/43$$

$$T_w: 57$$

$$T_b: 53$$

$$PCN_{+b}: 0.28$$

$$\sum PCN_{Tb}: 0.40$$

Monday 10 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. N	Temp. 71 °F			
Min.	44 °F	Vel. 1 m.p.h.	Read. 28.96 in.			
Set	49 °F	Char. calm	Corr. 28.84 in.	0700	1300	1900
R.H.	64 %	24 hr. Mov. N mi.	Sea L. 30.21 in.	Clds. 1/10 CI	Clds. 4/10	Clds. 1/10 CI
Ppn.	— in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx nice	Wx CLR	Wx clear
Ppn.	— in.	Snow Depth — in.	Observer A. OH	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}: 54$

$H_{00}: 11$

$C_{00}: 0$

$\sum H_{00}: 46$

$\sum C_{00}: 5$

$\sum PLM: 0.40$

$\sum PCN_3: 0$

$T_{Duv}: 50/34$

$T_{uv}: 44/31$

$T_w: 45$

$T_0: 53$

$PLN_{T_0} = 0$

$\sum PL_{T_0} = 0.40$

Tuesday 11 May 1900
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	75 °F	Dir.	NE	Temp.	63 °F	contrails			
Min.	48 °F	Vel.	8 m.p.h.	Read.	29.05 in.				
Set	51 °F	Char.	calm	Corr.	28.95 in.				
R.H.	74 %	24 hr. Mov.	M mi.	Sea L.	30.31 in.	Clds.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	1.2 mb	Ci 1/10			Cs 1/10
Ppn.	0 in.	Snow Depth	- in.	Observer	PLD	Wx	comfortable	Wx	nice
	0 in.					Vis.	25 mi.	Vis.	25 mi.

$\bar{T}: 62^\circ$

T DAVIS M

$T_w: 48^\circ$

$H_{DB}: 3$

$T_{unv}: 51/38$

$T_D: 52^\circ$

$C_{DB}: 0$

$\Sigma H_{DB}: 49$

$\Sigma C_{DB}: 5$

$\Sigma PCN_L: .40$

$\Sigma PCN_S: 0$

$PCN_{TB}: 0$
 $\Sigma PCN_{TB}: .40$

Wednesday 12 May 1000
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	NNE	Temp.	67 °F			
Min.	50* °F	Vel.	4 m.p.h.	Read.	28.84 in.			
Set	53 °F	Char.	light	Corr.	28.72 in.	* OUNT low 52°F		
R.H.	68 %	24 hr. Mov.	M mi.	Sea L.	30.07 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	✓ 1 mb	Wx	Wx	Wx
Ppn.	- in.	Snow Depth	- in.	Observer	PLD.	Vis.	Vis.	Vis.
						25 mi.	mi.	25 mi.

* OUNT low 52°F
0700 1300 1900

Clds. Cc 1/10 Clds. Clds. CA/AC 6/10

Wx sunny Wx Wx comfortable

Vis. 25 mi. Vis. mi. Vis. 25 mi.

$T = 103^\circ$

$H_{DD} = 2$

$C_{DD} = 0$

$\Sigma H_{DD} = 51$

$\Sigma C_{DD} = 5$

$\Sigma PCN_L = 41$

$\Sigma PCN_S = 0$

T_{DAVIS}

$T_{unv} = 52/36$

$T_w = 48^\circ$

$T_D = 52$

$PCN_{TB} = 0$

$\Sigma PCN_{TB} = 0.40$

Thursday 13 May 1900
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	78 °F	Dir.	NE	Temp.			
				66 °F			
Min.	49 °F	Vel.	4 m.p.h.	Read.			
				28.75 in.			
Set	51 °F	Char.	light	Corr.			
				28.64 in.	0700	1300	1900
R.H.	45 %	24 hr. Mov.	M mi.	Sea L.	Clds. As 10 Ac 10	Clds. 10/10 As	Clds. 10/10 Ac
Ppn.	Liq. — in.	Prev. Dir.	M	3 hr. Tend.	Wx	Wx	Wx
				1 mb	overcast	COOL	chilly
Ppn.	Sol. — in.	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
				PLD	25 mi.	25 mi.	25 mi.

$\bar{T}: 64$

$T_{DAVIS}: 59/30$

$T_w: 43^\circ$

$H_{DB}: 1$

$T_{turn}: 50/25$

$T_b: 52^\circ$

$C_{DB}: 0$

$\sum H_{DB}: 52$

$\sum C_{DB}: 5$

$\sum PCN_L: 0.41$

$\sum PCN_S: 0$

$PCN_{TB}: 0$

$\sum PCN_{TB}: 0.40$

Friday 14 May 1979

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. E	Temp. 68 °F	14:00-21:30 LT A Few Sprinkles			
Min. 49 °F	Vel. 10 m.p.h.	Read. 28.97 in.	21:30-0:00 LT - RA			
Set 51 °F	Char.	Corr. 28.86 in.	0:00-3:30 - DZ			
R.H. 27 %	24 hr. Mov. M mi.	Sea L. 30.21 in.	Clds. 10/10 Cs Ac	Clds.	Clds. 5/10 AS Cl	
Ppn. .03 in.	Liq. in.	Prev. Dir. M	3 hr. Tend. +4 mb	Wx clearing	Wx Nilc	
Ppn. - in.	Sol. in.	Snow Depth - in.	Observer A04	Vis. 2.5 mi.	Vis. mi.	Vis. 2.5 mi.

$\bar{T} : 53$

$H_{00} : 12$

$C_{00} : 10$

$\Sigma H_{00} : 64$

$\Sigma C_{00} : 15$

$\Sigma PCM : 0.44$

$\Sigma PCMs : 0$

$T_{\text{arrivals}} : 52/36$

$T_{\text{turn}} : 50/33$

$T_w : 42$

$T_0 : 55$

$PCN_{10} : 1.02$

$\Sigma PCN_{10} : 1.42$

Saturday 15 May 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	68 °F	Dir.	-	Temp.	72 °F			
Min.	43 °F	Vel.	- m.p.h.	Read.	29.13 in.			
Set	49 °F	Char.	-	Corr.	29.00 in.			
R.H.	43 %	24 hr. Mov.	M mi.	Sea L.	30.37 in.	0700	1300	1900
						Clds. Al	Clds.	Clds.
						3/10 As		1/10 CI
Ppn.	- in.	Prev. Dir.	M	3 hr. Tend.	1.2 mb	Wx	Wx	Wx
						cool		clear
Ppn.	- in.	Snow Depth	- in.	Observer	A014	Vis.	Vis.	Vis.
						17 mi.	mi.	25 mi.

\bar{T} : 56

T_{Davis} : 53/43

T_w : 44

H_{00} : 9

T_{uv} : 49/37

T_D : 59

C_{00} : 6

$\sum H_{00}$: 73

$\sum C_{00}$: 5

$\sum PCN$: 0.44

$\sum PCNs$: 0

PCN_{T_D} : 0

$\sum PCN_{T_D}$: .42

Sunday 16 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F	Dir. SE	Temp. 70 °F	*overnight low 51°F			
Min.* 49 °F	Vel. 6 m.p.h.	Read. 29.16 in.				
Set 52 °F	Char. Variable	Corr. 29.04 in.	0700	1300	1900	
R.H. 68 %	24 hr. Mov. M mi.	Sea L. 30.47 in.	Clds. 3/10 CI	Clds.	Clds. 1/10 CI	
Ppn. 0 in.	Liq. M	Prev. Dir. M	3 hr. Tend. +2 mb	Wx nice	Wx pleasant	
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Vis. 25 mi.	Vis. 25 mi.	

\bar{T} 62

HDD 3

CDD 0

Σ HDD 76

Σ CDD 5

Σ PCN_L 0.44

Σ PCN_S 0

T_{OAVIS} 53/39

T_{UNV} 52/32

T_W 47

T_O ~~40~~ 42

Monday 17 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	7.1 °F	Dir. SSW	Temp. 68 °F			
Min.	52 °F	Vel. 4 m.p.h.	Read. 29.10 in.			
Set	56 °F	Char. steady	Corr. 28.99 in.			
R.H.	78 %	24 hr. Mov. M mi.	Sea L. 30.42 in.	0700	1300	1900
Ppn.	Liq. 0 in.	Prev. Dir. M	3 hr. Tend. - 0 mb	Clds. CU 2/10 CI	Clds. -CS 8/10 CU	Clds. Ci 7/10 Co
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Wx nice	Wx blows	Wx pleasant
				Vis. 25 mi.	Vis. 20 mi.	Vis. 25 mi.

T 62
HDD 3
COD 0
 Σ HDD 79
 Σ COD 5
 Σ PCN_L .44
 Σ PCN_S 0

T DAVIS 56/48 TW 52
T UNV 84/43 T_D 49

Tuesday 18 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. SSW	Temp. 69 °F			
Min.	56 °F	Vel. 2 m.p.h.	Read. 28.87 in.			
Set	61 °F	Char. calm	Corr. 28.75 in.			
R.H.	75 %	24 hr. Mov. M mi.	Sea L. 30.07 in.	0700 Clds. 9/10 cs	1300 Clds. X sc	1900 Clds. 4/10 ci cu
Ppn.	0 in.	Prev. Dir. M	3 hr. Tend. 1.5 mb	Wx nice	Wx Hz	Wx Hz
Ppn.	— in.	Snow Depth — in.	Observer PLD	Vis. 25 mi.	Vis. 10 mi.	Vis. 20 mi.

$\bar{T}: 66$

$H_{DD}: 0$

$C_{DD}: 1$

$\sum H_{DD}: 79$

$\sum C_{DD}: 6$

$\sum PCN_L: 0.44$

$\sum PCN_S: 0$

$T_{DAVIS}: 61/54$

$T_{WNV}: 101/49$

$T_w: 58$

$T_b: ~~58~~
53$

$PCN_{TB}: 0$

$\sum PCN_{TB}: 0.44$

Wednesday 19 May 1009
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	WNW	Temp.	68 °F			
Min.	59 °F	Vel.	6 m.p.h.	Read.	28.87 in.			
Set	60 °F	Char.	light	Corr.	28.75 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov.	M mi.	Sea L.	30.09 in.	Clds. As 9/10	Clds.	Clds. Cu 4/10 As 10
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	✓ 1 mb	Wx comfortable	Wx	Wx nice
Ppn.	- in.	Snow Depth	- in.	Observer	PLD	Vis. 25 mi.	Vis.	Vis. 25 mi.

$$\bar{T}: 67$$

$$H_{DB}: 0$$

$$C_{DB}: 2$$

$$\sum H_{DB}: 79$$

$$\sum C_{DB}: 8$$

$$\sum PCN_e: 0.44$$

$$\sum PCN_s: 0$$

$$T_{DAVIS}: 57/55$$

$$T_{UNV}: 60/47$$

$$T_w: 57^\circ$$

$$T_b: 54^\circ$$

$$PCN_{TB}: 0$$

$$\sum PCN_{TB}: 0.44$$

Thursday 20 May 1977

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	71 °F	Dir.	NE	Temp.	68 °F	-SHRA 0810-0900LT			
Min.	49 °F	Vel.	6 m.p.h.	Read.	28.96 in.				
Set	52 °F	Char.	breezy	Corr.	28.85 in.				
R.H.	69 %	24 hr. Mov.	M mi.	Sea L.	30.21 in.	Clds.	ci 1/10	Clds.	cs 1/10
Ppn.	0.01 in.	Prev. Dir.	M	3 hr. Tend.	1/3 mb	Wx	Sunny	Wx	Pleasant
Ppn.	- in.	Snow Depth	- in.	Observer	PLD	Vis.	25 mi.	Vis.	mi. 75 mi.

$\bar{T} : 60$

T DAVIS

$T_w : 48^\circ$

$T_{\text{Lino}} : 52/38$

$T_b : 42^\circ$

$H_{\text{DD}} : 5$

$C_{\text{DD}} : 0$

$\sum H_{\text{DD}} : 84$

$\sum C_{\text{DD}} : 8$

$\sum \text{PEN}_d : 0.45$

$\sum \text{PEN}_b : 0$

$\text{PCNTB} : 0$
 $\sum \text{PCNTB} : 0.44$

Friday 21 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F	Dir. —	Temp. 68 °F	Fog in the Valleys			
Min. 44 °F	Vel. — m.p.h.	Read. 29.02 in.				
Set 51 °F	Char. Calm	Corr. 28.91 in.	0700	1300	1900	
R.H. 59 %	24 hr. Mov. M mi.	Sea L. 30.28 in.	Clds. 2/10 Ci	Clds. 8/10 Cs	Clds. Ci 6/10 Cs	
Ppn. — in.	Liq. — in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx Nilc	Wx A-O.K.	Wx Pleasant
Ppn. — in.	Sol. — in.	Snow Depth — in.	Observer ADH	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} : 59

Hop: 6

Coop: 0

Σ Hop: 90

Σ Coop: 8

Σ PCNs: 0.45

Σ PCNs: 0

T_{ovis}: 54/43

T_{uv}: 51/38

T_w: 48

T_o: 41

PCN₁₀: 0

Σ PCN₁₀: 0.44

Saturday 22 May 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	78 °F	Dir.	ESE	Temp.	68 °F	*overnight low 52°F contrails			
Min.	50* °F	Vel.	0 m.p.h.	Read.	28.86 in.				
Set	55 °F	Char.	steady	Corr.	28.75 in.				
				0700	1300	1900			
R.H.	83 %	24 hr. Mov.	M mi.	Sea L.	30.18 in.	Clds.	4/10 CI	Clds.	10/10 CS CU
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	+5 mb	Wx	beautiful	Wx	hazy
Ppn.	0 in.	Snow Depth	0 in.	Observer	MAW	Vis.	20 mi.	Vis.	20 mi.

F: 64

HDD: 1

CDD: 0

Σ HDD: 91

Σ CDD: 8

Σ PCN_l: .45

Σ PCN_s: 0

T_{DAVIS}: 57/48

T_{UNV}: 54/43

T_w 52°

T_D 50°

PCN_{TB}: 0

Σ PCN_{TB}: .44

T.W. 1
HDD: 6
CDD: 4
 Σ HDD: 91
 Σ CDD: 12
 Σ PCN_e: 1.53
 Σ PCN_s 0

T. DAVIS 59/59
TUNU 59/54

T_w 60°
T_b 60°

PCN₇₅ = 1.07
 Σ PCN₇₅ = 1.51

Monday 24 May 1900

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F	Dir. NW	Temp. 69 °F	preup. start 5:45 LT to obs OBS - 0840 LT			
Min. 58 °F	Vel. 2 m.p.h.	Read. 28.38 in.				
Set 59 °F	Char. steady	Corr. 28.27 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 29.67 in.	Clds. 10/10 NS CB	Clds. 7/10 Cu, As, Cb	Clds. Ac NS As	
Ppn. .03 in.	Liq. Prev. Dir. M	3 hr. Tend. 1-4 mb	Wx -02	Wx Windy -SHRA W Cb E	Wx Windy -SHRA	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer MAW	Vis. 3.5 mi.	Vis. 10 v 20 mi.	Vis. 20 mi.	

$\bar{T}: 65$

HOD: 0

COD: 0

Σ HOD: 91

Σ COD: 12

Σ PCN_k: 1.56

Σ PCN_s: 0

T_{DAVIS}: 58/56

T_{UNV}: 57/50

T_w 59

T_D 59

PCN_{TB}: .02
 Σ PCN_{TB}: 1.53

Tuesday 25 May 1900

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	69 °F	Dir.	SW	Temp.	67 °F	- RA 0800LT - 1000LT		
Min.	47 °F	Vel.	15 m.p.h.	Read.	28.37 in.	- DZ 0600LT - 0545LT		
Set	49 °F	Char.	breezy	Corr.	28.26 in.	0700	1300	1900
R.H.	69 %	24 hr. Mov.	M mi.	Sea L.	29.60 in.	Clds. Ac 8/10 Cu	Clds. 1/10 Sc	Clds. As 10/10
Ppn.	.09 in.	Prev. Dir.	M	3 hr. Tend.	/ 1 mb	Wx partial clear windy	Wx overcast LIKE	Wx chilly
Ppn.	- in.	Snow Depth	- in.	Observer	PLD	Vis. 25 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T}: 58$

$H_{DD}: 7$

$C_{DD}: 0$

$\sum H_{DD}: 98$

$\sum C_{DD}: 12$

$\sum PCN_{\neq}: 1.65$

$\sum PCN_{=}: 0$

$T_{DAVIS}: 52/41$

$T_{UNIV}: 49/36$

$T_W: 46$

$T_D: 41$

$PCN_{TB}: 0.07$

$\sum PCN_{TB}: 1.60$

Wednesday 26 May 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	59 °F	Dir.	SW	Temp.	68 °F	+SHRA 1800LT		
Min.	49 °F	Vel.	18 m.p.h.	Read.	28.62 in.	Peakwind 50mph @ 1801LT		
Set	56 °F	Char.	breezy	Corr.	28.50 in.	0700	1300	1900
R.H.	51 %	24 hr. Mov.	M mi.	Sea L.	29.83 in.	Clds.	Cc $\frac{1}{10}$	Clds. Sc $\frac{10}{10}$ Sc
Ppn. Liq.	0.02 in.	Prev. Dir.	M	3 hr. Tend.	✓ 1 mb	Wx	spring-like	Wx HO-HUM Chilly
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	PLD	Vis.	25 mi.	Vis. 25 mi.

$\bar{T}: 54$

$H_{DB}: 11$

$C_{DB}: 0$

$\Sigma H_{DB}: 109$

$\Sigma C_{DB}: 12$

$\Sigma PCN_L: 1.67$

$\Sigma PCN_S: 0$

$T_{DAVIS}: 57/41$

$T_{UNV}: 54/36$

$T_W: 49$

$T_D: 40$

$PCN_{TB}: 0$

$\Sigma PCN_{TB}: 1.10$

Thursday 27 May 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	61 °F	Dir.	NW	Temp.	68 °F	· orographic lifting to SW. - SHRA ~ 1800 - 1930 LT					
Min.	50 °F	Vel.	5 m.p.h.	Read.	28.78 in.						
Set	51 °F	Char.	calm	Corr.	28.66 in.						
						0700	1300	1900			
R.H.	69 %	24 hr. Mov.	M mi.	Sea L.	30.01 in.	Clds.	1/10	Clds.	2/10 Cu	Clds.	0/10
Ppn.	.01 in.	Prev. Dir.	M	3 hr. Tend.	1.2 mb	Wx	NICE	Wx	PLEASANT	Wx	very nice
Ppn.	- in.	Snow Depth	- in.	Observer	PLD	Vis.	20 mi.	Vis.	25 mi.	Vis.	1.5 mi.

F: 56

T_{DAVIS} 54/45

T_w 48

H_{DD} 9

T_{unw} 52/37

T_D 43

C_{DD} 0

$\sum H_{DD}$: 118

$\sum C_{DD}$: 12

$\sum PCN_a$: 1.68

$\sum PCN_b$: 0

PCN_{TS}: 0

$\sum PCN_{TS}$: 1.60

Friday 28 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	W	Temp.	68 °F			
Min.	47 °F	Vel.	8 m.p.h.	Read.	28.89 in.			
Set	56 °F	Char.	constant	Corr.	28.78 in.			
R.H.	45 %	24 hr. Mov.	M mi.	Sea L.	30.13 in.	0700	1300	1900
Ppn.	- in.	Prev. Dir.	M	3 hr. Tend.	12 mb	Clds.	Wx	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	ADH	Clds.	Wx	Clds.
						0700	1300	1900
						4/10 Ci		1/10 AC
						Hazc		clear
						Vis.	Vis.	Vis.
						20 mi.		25 mi.

$\bar{T} : 59$

$T_{obs} : 57/46$

$T_w : 53$

$H_{00} : 6$

$T_{uv} : 58/38$

$T_0 : 43$

$C_{00} : 0$

$\sum H_{00} : 124$

$\sum C_{00} : 12$

$\sum PCN_0 : 1.68$

$\sum PCN_3 : 0$

$PCN_0 : 0$

$\sum PCN_0 : 1.60$

Saturday 29 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	SW	Temp.	68 °F	Fog in the valleys		
Min.	52 °F	Vel.	3 m.p.h.	Read.	29.02 in.			
Set	59 °F	Char.	constant	Corr.	28.91 in.	0700	1300	1900
R.H.	55 %	24 hr. Mov.	M mi.	Sea L.	30.24 in.	Clds.	Clds.	Clds.
Ppn.	-	Prev. Dir.	M	3 hr. Tend.	+2 mb	Wx	Wx	Wx
Ppn.	-	Snow Depth	- in.	Observer	ADH	Vis.	Vis.	Vis.
						80 mi.		20 mi.

F: 66

T_{DNV13} 63/48

T_w: 55

H₀₀: 0

T_{uv} 59/42

T₀: 48

C₀₀: 1

Σ H₀₀: 124

Σ C₀₀: 13

Σ PLN₂: 1.68

Σ PLN₃: 0

PLN₁₀: 0

Σ PLN₃: 1.60

Sunday 30 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	SW	Temp.	69 °F			
Min.	55 °F	Vel.	0 m.p.h.	Read.	29.11 in.			
Set	62 °F	Char.	steady	Corr.	28.99 in.			
R.H.	84 %	24 hr. Mov.	M mi.	Sea L.	30.44 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	+1 mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	MAW	0/10		110 AC
						Wx	Wx	Wx
						haze		warm
						Vis.	Vis.	Vis.
						17 mi.		25 mi.

$\bar{T} : 70$

HDD: 0

CDD: 5

Σ HDD: 124

Σ CDD: 18

Σ PCN_e: 1.68

Σ PLN_s: 0

T_{DAVIS}: 65/56

T_{UNU}: 63/50

T_{wi}: 59°

T₀: 57°

PCN_{TB}: 0

PCN_{TB}: 1.60

Monday 31 May 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	88 °F	Dir.	E	Temp.	70 °F				
Min.	59 °F	Vel.	0 m.p.h.	Read.	29.00 in.				
Set	62 °F	Char.	calm	Corr.	28.88 in.	0700	1300	1900	
R.H.	78 %	24 hr. Mov.	M mi.	Sea L.	30.31 in.	Clds.	6/10 ci	Clds.	10/10 cu
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	+0 mb	Wx	hazy	Wx	hazy
Ppn.	0 in.	Snow Depth	0 in.	Observer	MAW	Vis.	6 mi.	Vis.	20 mi.

$\bar{T}: 74$

HDD: 0

CDD: 9

Σ HDD: 124

Σ CDD: 27

Σ PCN_e: 1.68

Σ PCN_s: 0

T_{max}: 64/54

T_{min}: 59/48

T_w: 58

T_o: 55°

MAY SUMMARY

$\bar{T}_{MAX} = 72.4^{\circ}F$

$\bar{T}_{MIN} = 50.7$

$T_{MAP} = 61.6$

PCN_{TB}: 0

PCN_{TB}: 1.60