

Wednesday 1 September 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	76 °F	Dir.	N	Temp.	71 °F	fog in valley		
Min.	51 °F	Vel.	0 m.p.h.	Read.	29.10 in.			
Set	53 °F	Char.	calm	Corr.	28.97 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov.	M mi.	Sea L.	30.42 in.	Clds. CI CC	Clds. Ci	Clds. ci
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	+1/2 mb	Wx pleasant	Wx Mild Blue Skies	Wx clear
Ppn.	0 in.	Snow Depth	0 in.	Observer	MAW	Vis.	3 mi.	25+ mi.
						Vis.	25 mi.	25 mi.

T: 64
HDD: 1
CDD: 0
 Σ HDD: 1
 Σ CDD: 0
 Σ PCN_r: 0.00
 Σ PCN_s: 0.00

T DAVIS: 5¹⁰/52 T_w: 53
T UNU: 52/50 T₀: 53

PCN_{TB}: 0.0
 Σ PCN_{TB}: 0.00

Thursday 2 September 1999

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	E	Temp.	72 °F			
Min.	52 °F	Vel.	0 m.p.h.	Read.	28.96 in.	contrails fog in valley		
Set	54 °F	Char.	calm	Corr.	28.84 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov.	M mi.	Sea L.	30.19 in.	Clds. 1/10 S	Clds. CS 3/10 Ci	Clds. CS 1/10 Es
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	1 mb	Wx wonderful	Wx sunshine	Wx Mild starlit
Ppn.	0 in.	Snow Depth	0 in.	Observer	PLD	Vis. 20 mi.	Vis. 25+ mi.	Vis. 25 mi.

T: 67

H_{DD}: 0

C_{DD}: 2

ΣH_{DD} : 1

ΣC_{DD} : 2

T_{DAVIS}: 50/52

T_{UNV}: 51/48

T_W: 53

T_D: 51

ΣPCN_L : 0.00

ΣPCN_S : 0.00

PCN_{TB}: 0

ΣPCN_{TB} : 0

Friday 3 September 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	85 °F	°F	Dir.	—	Temp.	73 °F	*overnight Low 60°F Fog in valley		
Min.	54* °F	°F	Vel.	0 m.p.h.	Read.	28.96 in.			
Set	62 °F	°F	Char.	CALM	Corr.	28.83 in.	0700	1300	1900
R.H.	90 %	%	24 hr. Mov.	— mi.	Sea L.	30.15 in.	Clds. ES	Clds. CI	Clds. CS
Ppn.	0.00 in.	in.	Prev. Dir.	—	3 hr. Tend.	10.5+ mb	Wx SOME SUNSHINE Nice	Wx pleasant	Wx Light breeze Mild
Ppn.	0.0 in.	in.	Snow Depth	0 in.	Observer	ARD	Vis.	10 mi.	20 mi.
							Vis.	20 mi.	20 mi.

$$T = 70$$

$$H_{DD} = 0$$

$$C_{DD} = 5$$

$$\Sigma H_{DD} = 1$$

$$\Sigma C_{DD} = 7$$

$$\Sigma PCN_L = 0.00$$

$$\Sigma PCN_S = 0.00$$

$$T_{DAVIS} = \frac{53}{59}$$

$$T_{UNV} = \frac{57}{55}$$

$$T_W = 59$$

$$T_D = 59$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 0.00$$

SATURDAY 4 September 1983
 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. ENE	Temp. 73 °F	Fog in Valley			
Min. 62 °F	Vel. 2 m.p.h.	Read. 28.99 in.	Cloud Stream from Tropical Depression Dennis (570 AM!)			
Set 65 °F	Char. Light	Corr. 28.85 in.	0700	1300	1900	
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30-18 in.	Clds. Ci Cs 90 cc Ag	Clds.	Clds. 1/10 As	
Ppn. 0.00 in.	Liq. —	Prev. Dir. —	3 hr. Tend. 12.5 mb	Wx HZ	Wx	Warm
Ppn. 0.0 in.	Sol. —	Snow Depth 0 in.	Observer ARD	Vis. 6 mi.	Vis.	20 mi.

$$T = 12$$

$$H_{DD} = 0$$

$$C_{DD} = 7$$

$$\Sigma H_{DD} = 1$$

$$\Sigma C_{DD} = 14$$

$$\Sigma PCN_L = 0.00$$

$$\Sigma PCN_S = 0.00$$

$$T_{DAVIS} = \frac{66}{61}$$

$$T_{UNU} = \frac{63}{59}$$

$$T_W = 61$$

$$T_D = 61$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 0.00$$

$\bar{T}: 74$

$H_{DD}: 9$

$C_{DD}: 9$

$\Sigma H_{DD}: 1$

$\Sigma C_{DD}: 23$

$\bar{T}_{DAVIS}: 70/64$

$\bar{T}_{UNV}: 69/62$

$T_W: 66$

$T_D: 65$

$\Sigma PCN_L: 0.00$

$\Sigma PCN_S: 0.00$

$PCN_{TB}: 0.00$

$\Sigma PCN_{TB}: 0.00$

Monday 6 September 1999 0700 EST Meteorological Observatory University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F	Dir. SE.	Temp. 73 °F	fog in valley			
Min. 69 °F	Vel. 2 m.p.h.	Read. 28.85 in.	-SHRA 1615-1715 LT			
Set 71 °F	Char. 68 mph	Corr. 28.72 in.	+SHRA 1745-2110 LT			
R.H. 90 %	24 hr. Mov. M mi.	Sea L. 30.15 in.	0700	1300	1900	
Ppn. 0.23 in.	Prev. Dir. M	3 hr. Tend. +1/2 mb	Clds. SC 9/10 CU	Clds. 7/10 Sc, Cu	Clds. 10/10 NS	
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Wx Muggy	Wx H2	Wx A-n	
Observer MAW	Vis. 3 mi.	Vis. 6 mi.	Vis. 2 mi.			

T: 72

HDD: 0

CDD: 7

Σ HDD: 1

Σ PCDD: 30

Σ PCN_e: 0.23"

Σ PCN_s: 0.00"

T DAVIS: 72/69 TW: 69

TUNU: 72/66 T_D: 68

PCN_{TB}: 0.20"

Σ PCN_{TB}: 0.20"

Tuesday 7 September 1949 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. SW	Temp. 74 °F	TRA 16:15 LT - 17:15			
Min. 68 °F	Vel. 1 m.p.h.	Read. 28.70 in.	TRA 18:30 - 23:00 LT 02 - 23:00 LT - 8:00 LT			
Set 68 °F	Char. calm	Corr. 28.57 in.	Fog in valley			
R.H. 90 %	24 hr. Mov. M mi.	Sea L. 29.89 in.	Clds. 10/10 St	Clds. 7/10 CU	Clds. CU AC SC	
Ppn. 1.76 in.	Liq. in.	Prev. Dir. M	3 hr. Tend. 21 mb	Wx OVC	Wx muggy	Wx pleasant.
Ppn. 0 in.	Sol. in.	Snow Depth - in.	Observer A04	Vis. 2 mi.	Vis. 6 mi.	Vis. 6 mi.

$\bar{T}: 75$

$H_{00}: 0$

$L_{00}: 10$

$\Sigma H_{00}: 1$

$\Sigma L_{00}: 40$

$\Sigma PCN_e: 1.99$

$\Sigma PCN_s: 0.00$

$T_{0000}: 68/68$

$T_{0001}: 68/66$

$T_{00}: 68$

$T_{01}: 67$

$PCN_{70}: 1.63$

$\Sigma PCN_{70}: 1.83$

Wednesday 8 September 1999 Meteorological Observatory
 0700 EST University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. WSW	Temp. 74 °F	fog in valleys		
Min.	64 °F	Vel. 2 m.p.h.	Read. 28.89 in.			
Set	65 °F	Char. light	Corr. 28.76 in.			
R.H.	90 %	24 hr. Mov. M mi.	Sea L. 30.19 in.	Clds. AC 8/10 AS	Clds. CU 5/10 CU	Clds. CS 8/10 CS
Ppn.	0 in.	Prev. Dir. M	3 hr. Tend. +1/2 mb	Wx pleasant	Wx Hazy Top Waxy	Wx Hazy
Ppn.	0 in.	Snow Depth 0 in.	Observer MAW	Vis. 1.5 mi.	Vis. 4.5 mi.	Vis. 10 mi.

\bar{T} : 72
HDD: 0
CDD: 7
 Σ HDD: 1
 Σ CDD: 47
 Σ PCN_L: 1.99
 Σ PCN_S: 0.00

T_{DAVIS}: 65/65 T_W: 64
T_{UNU}: 64/63 T_D: 63

PCN_{TB}: 0.00
 Σ PCN_{TB}: 1.83



Thursday September 9, 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. SE	Temp. 74 °F			
Min.	59 °F	Vel. 0 m.p.h.	Read. 28.66 in.			
Set	60 °F	Char. calm	Corr. 28.53 in.	0700	1300	1900
R.H.	94 %	24 hr. Mov. M mi.	Sea L. 29.85 in.	Clds. 10/10 St	Clds. EvE 9/10 Cf Ce	Clds. AsAc 10/10
Ppn. Liq.	0.00 in.	Prev. Dir. M	3 hr. Tend. -0 mb	Wx dense fog	Wx HOZE WV/HV	Wx HOZE WV/HV
Ppn. Sol.	0.00 in.	Snow Depth - in.	Observer PLD	Vis. <.25 mi.	Vis. 5.0 mi.	Vis. 8.0 mi.

$\bar{T} = 69$

$T_{\text{Davis}} = 50/59$
 $T_{\text{UNV}} = 58/57$

$T_W = 60$
 $T_D = 59$

$H_{DD} = 0$

$C_{DD} = 4$

$\sum H_{DD} = 1$

$\sum C_{DD} = 51$

$\sum PCN_C = 1.99$

$\sum PCN_S = 0.00$

$PCN_{TB} = 0.00$

$\sum PCN_{TB} = 1.83$

Friday September 10, 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	81 °F	Dir.	WNW	Temp.	73 °F	- SHRA 20-20-21=10 LT LIGHTNING VISIBLE TO E AND SE 20-30=00 LT					
Min.	60 °F	Vel.	4 m.p.h.	Read.	28.71 in.						
Set	65 °F	Char.	LIGHT	Corr.	28.58 in.						
R.H.	89 %	24 hr. Mov.	— mi.	Sea L.	29.89 in.	Clds.	90 Cs Cc 90 Ci	Clds.	CI 2/10 Cu	Clds.	Cu 1/10 Ac
Ppn.	7 in.	Prev. Dir.	—	3 hr. Tend.	12.0t _{mb}	Wx	FOG MILD	Wx	pleasant	Wx	pleasant and MILD
Ppn.	0.0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	ARD	Vis.	4.0 mi.	Vis.	25 mi.
								Vis.	25 mi.	Vis.	25+ mi.

$$\begin{aligned}\bar{T} &= 71 \\ H_{DD} &= 0 \\ C_{DD} &= 6 \\ \Sigma H_{DD} &= 1 \\ \Sigma C_{DD} &= 57\end{aligned}$$

$$\begin{aligned}T_{DAVIS} &= \cancel{61} & T_w &= 62 \\ T_{UNV} &= \cancel{63} / 59 & T_D &= 62\end{aligned}$$

$$\begin{aligned}\Sigma PCN_L &= 1.99 \\ \Sigma PCN_S &= 0.00\end{aligned}$$

$$\begin{aligned}PCN_{TB} &= 0.00 \\ \Sigma PCN_{TB} &= 1.83\end{aligned}$$

SATURDAY SEPTEMBER 11, 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir WNW	Temp. 73 °F	FOG IN VALLEY		
Min.	52 °F	Vel. 2 m.p.h.	Read. 28.84 in.			
Set	54 °F	Char. VERY LIGHT	Corr. 28.71 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. — mi.	Sea L. 30-05 in.	Clds. 0%	Clds. 0% Few Cu	Clds. 0/10
Ppn.	0.00 in.	Prev. Dir. —	3 hr. Tend. 1+30 mb	Wx COOL	Wx GRETT!	Wx okumnd
Ppn.	0-0 in.	Snow Depth 0 in.	Observer ARD	Vis. 20 mi.	Vis. 25+ mi.	Vis. 25 mi.

$$\bar{T} = 64$$

$$H_{DD} = 1$$

$$C_{DD} = 0$$

$$\sum H_{DD} = 2$$

$$\sum C_{DD} = 5.7$$

$$\sum PCN_L = 1.99$$

$$\sum PCN_S = 0.00$$

$$T_{DAVIS} = 55/49 \quad T_W = 49$$

$$T_{UNV} = 57/48 \quad T_D = 48$$

$$PCN_{TB} = 0.00$$

$$\sum PCN_{TB} = 1.83$$

Sunday September 12 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	75 °F	Dir.	ESE	Temp.	71 °F				
Min.	50 °F	Vel.	1 m.p.h.	Read.	29.01 in.				
Set	51 °F	Char.	calm	Corr.	28.89 in.	slight fog in valley			
R.H.	81 %	24 hr. Mov.	M mi.	Sea L.	30.23 in.	Clds.	0700	1300	1900
Ppn.	0.00 in.	Prev. Dir.	M	3 hr. Tend.	12 mb	Wx	COOL		
Ppn.	0.00 in.	Snow Depth	— in.	Observer	PID	Vis.	15 mi.	mi.	20 mi.



$\bar{T}: 63$

$T_{DAVIS}: 54/49$

$T_w: 51$

$H_{DD}: 2$

$T_{UNU}: 49/46$

$T_0: 49$

$C_{DD}: 0$

$\sum H_{DD}: 4$

$\sum C_{DD}: 57$

$\sum PCN_L: 1.99$

$PCN_{TB}: 0.00$

$\sum PCN_S: 0.00$

$\sum PCN_{TB}: 1.83$

Monday 13 September 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. SW	Temp. 72 °F	*overnight low 62° fog in valleys		
Min. *	50 °F	Vel. 6 m.p.h.	Read. 29.00 in.			
Set	62 °F	Char. steady	Corr. 28.87 in.			
R.H.	75 %	24 hr. Mov. M mi.	Sea L. 30.32 in.	Clds. 1/10 CI	Clds. CI 5/10 AC	Clds. 9/10 AS
Ppn.	0 in.	Prev. Dir. M	3 hr. Tend. -0 mb	Wx pleasant	Wx pleasant	Wx NCC
Ppn.	0 in.	Snow Depth 0 in.	Observer MAW	Vis. 15 mi.	Vis. 25 mi.	Vis. 20 mi.

F: 65
HDD: 0
CDD: 0
 Σ HDD: 4
 Σ CDD: 57
 Σ PCN_e: 1.99
 Σ PCN_s: 0.00

T DAVIS: ⁶³/53 TW: 57
TUNU: ⁶³/52 T_D: 54

PCN_{TB}: 0.00
 Σ PCN_{TB}: 1.83

Tuesday 14 September 1947 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. —	Temp. 78 °F		-DZ 20:00-20:30 LT -SHRA 22:00-23:00 LT DZ 01:00-1:00 LT -RA 5:45 LT-00		
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.93 in.				
Set 63 °F	Char. calm	Corr. 28.79 in.		0700	1300	1900
R.H. 95 %	24 hr. Mov. M mi.	Sea L. 30.14 in.		Clds. 2/10 M	Clds. 10/10 SC	Clds. 7/10 SC
Ppn. .15 in.	Liq. M	Prev. Dir. M	3 hr. Tend. 1 mb	Wx DZ	Wx hazy	Wx clearing
Ppn. — in.	Sol. — in.	Snow Depth — in.	Observer A0H	Vis. 2 mi.	Vis. 6 mi.	Vis. 4 mi.

$\bar{T}: 68$

Hoo: 0

Coa: 3

Σ Hoo: 4

Σ Coa 60

Tovar: 5

Tuar: 63/11

$\bar{T}_0 =$

$T_0 = 61$

$\Sigma PCNC: 2.14$

$\Sigma PCNS: 0$

$PCNT_0: 0.15$

$\Sigma PCNT_D: 1.99$

Wednesday 15 September 1999
 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. NNE	Temp. 75 °F	- SH 08 LT - 0840 LT fog in valleys			
Min. 59 °F	Vel. 2 m.p.h.	Read. 29.01 in.				
Set 59 °F	Char. light	Corr. 28.87 in.	0700	1300	1900	
R.H. 83 %	24 hr. Mov. M mi.	Sea L. 30.31 in.	Clds. 10/10 SC	Clds. As Ae 10/10 Cs Cu	Clds. As 10/10	
Ppn. T in.	Liq. Prev. Dir. M	3 hr. Tend. ✓ +1/2 mb	Wx comfortable	Wx COOL	Wx COOL	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer MAW	Vis. 15 mi.	Vis. 25+ mi.	Vis. 15 mi.	

T: 65
HDD: 0
CDD: 0
ΣHDD: 4
ΣCDD: 60
ΣPCN_e: 2.14
ΣPCN_s: 0

TDAVIS: 59/53 Tw: 56
Tuuu: 57/54 T₀: 54

PCN_{TB}: 0.00
ΣPCN_{TB}: 1.99

Thursday September 16, 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F	Dir. NNE	Temp. 74 °F	-DZ 1600 2015			
Min. 53 °F	Vel. 10 m.p.h.	Read. 28.66 in.	-RA 0130 - 0315 -RA 0500 - 0700 RA 0700 - 06			
Set 53 °F	Char. steady	Corr. 28.53 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 29.87 in.	Clds. 10/10 NS	Clds. 10/10 NS ST	Clds. 10/10 SF	
Ppn. 0.37 in.	Liq. Prev. Dir. M	3 hr. Tend. mb	Wx RA	Wx -RA FG WINDY	Wx H WINDY & CLOUDY	
Ppn. 0.00 in.	Sol. Snow Depth — in.	Observer PLD	Vis. 3.5 mi.	Vis. 2.5 mi.	Vis. 8.0 mi.	

$\bar{T}: 60$

$H_{DD}: 5$

$C_{DD}: 0$

$\sum H_{DD}: 9$

$\sum C_{DD}: 60$

$T_{DAVIS}: 53/53$

$T_{UNIV}: 51/49$

$T_D: 53$

$T_W: -$

$\sum PCN_L: 2.51$

$\sum PCN_S: -$

$PCN_{TB}: 0.34$

$\sum PCN_{TB}: 2.33$

FRIDAY SEPTEMBER 17, 1999

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	58 °F	Dir.	NNW	Temp.	71 °F	RA, OCCL-RA Obs-1800LT		
Min.	51 °F	Vel.	9 m.p.h.	Read.	28.88 in.	-RA, DZ 1800-1900LT		
Set	52 °F	Char.	VARIABLE	Corr.	28.76 in.	0700	1300	1900
R.H.	84 %	24 hr. Mov.	- mi.	Sea L.	30.11 in.	Clds.	SC	Clds.
Ppn.	0.87 in.	Prev. Dir.	-	3 hr. Tend.	+4.0 mb	Wx	NICE BUT COOL	Wx absolutely beautiful
Ppn.	0.0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	ARD	Vis.
						Vis.	25.0 mi.	Vis.
						Vis.	25+ mi.	Vis.
						Wx	COOL	Wx PREZZE

$$\bar{T} = 55$$

$$H_{DD} = 10$$

$$C_{DD} = 0$$

$$\sum H_{DD} = 19$$

$$\sum C_{DD} = 60$$

$$T_{DAVIS} = 59/46$$

$$T_{UNV} = 52/45$$

$$T_0 = 47$$

$$T_W = 48$$

$$\sum PCN_L = 3.38$$

$$\sum PCN_S = 0.0$$

$$PCN_{TW} = 0.82$$

$$\sum PCN_D = 3.15$$

SATURDAY SEPTEMBER 18, 1999

Meteorological Observatory
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F		Dir. W-SW	Temp. 71 °F	* LOW FOG IN VALLEY -EVING		
Min. 45 °F		Vel. 1 m.p.h.	Read. 29.03 in.			
Sat. 48 °F		Char. VERY LIGHT	Corr. 28.91 in.			
R.H. 89 %		24 hr. Mov. — mi.	Sea L. 30.28 in.	0700 Clds. 6i	1300 Clds.	1900 Clds. 3/10 Ci
Ppn. 0.00 in.	Liq.	Prev. Dir. —	3 hr. Tend. +3 mb	Wx CHILLY	Wx	Wx NICE SUNSET
Ppn. 0.0 in.	Sol.	Snow Depth 0 in.	Observer ARD	Vis. 25* mi.	Vis. mi.	Vis. 26 mi.

$$\bar{T} = 57$$

$$H_{00} = 8$$

$$C_{00} = 0$$

$$\Sigma H_{00} = 27$$

$$\Sigma C_{00} = 60$$

$$\Sigma PCN_L = 3.38$$

$$\Sigma PCN_S = 0.0$$

$$T_{DAVIS} = 51/47 \quad T_D = 45$$

$$T_{UNV} = 46/45 \quad T_W = 46$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 3.15$$

Sunday 19 September 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. SE	Temp. 72 °F			
Min.	46 °F	Vel. 1 m.p.h.	Read. 28.94 in.			
Set	48 °F	Char. light	Corr. 28.82 in.	fog in valley		
R.H.	92 %	24 hr. Mov. M mi.	Sea L. 30.20 in.	0700	1300	1900
				Clds. 9/10 Ci	Clds. 5/10 Ag	Clds. 6/10 Ci
Ppn.	Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. -1 mb	Wx chilly	Wx	Wx N.C.
Ppn.	Sol. 0.00 in.	Snow Depth - in.	Observer PLD	Vis. 10 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}: 58$

$T_{\text{DAVIS}}: 50/48$

$T_W: 48$

$H_{\text{DB}}: 7$

$T_{\text{UNV}}: 44/42$

$T_D: 47$

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

$\sum H_{\text{DB}}: 34$

$\sum C_{\text{DB}}: 60$

$\sum \text{PEN}_L: 3.38$

$\text{PEN}_{\text{TB}}: 0.00$

$\sum \text{PEN}_S: 0.00$

$\sum \text{PEN}_{\text{TB}}: 3.15$

Monday 20 September 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 72 °F	Dir. SW	Temp. 74 °F	*overnight low 57° fog in valley contrails				
Min. * 48 °F	Vel. 0 m.p.h.	Read. 28.88 in.					
Set 58 °F	Char. CALM	Corr. 28.75 in.					
R.H. 92 %	24 hr. Mov. M mi.	Sea L. 30.18 in.	0700 Clds. CI 8/10 ES	1300 Clds. NS 10/10 NS	1900 Clds. 10/10 NS		
Ppn. 0 in.	Liq. M	Prev. Dir. M	3 hr. Tend. +1 mb	Wx pleasant	Wx -SHRA	Wx DZ	
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Vis. 6 mi.	Vis. 1.6 mi.	Vis. 2 mi.	

$\bar{T}: 60$

$HDD: 5$

$CDD: 0$

$\Sigma HDD: 39$

$\Sigma CDD: 60$

$\Sigma PCN_e: 3.38$

$\Sigma PCN_s: 0.00$

$T_{DAVIS}: 58/56$ $T_w: 57$

$T_{unw}: 54/52$ $T_o: 56$

$PCN_{TB}: 0.00$

$\Sigma PCN_{TB}: 3.15$

Tuesday 21 September 1994
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	69 °F	Dir.	N	Temp.	74 °F	- SH RA ~ 12:30 LT RA 14 LT - 21 LT SH RA 1:30 LT - 2:30 LT RA 5:00 LT - OBS		
Min.	53 °F	Vel.	3 m.p.h.	Read.	28.80 in.	* From Davis		
Set	53 °F	Char.	variable	Corr.	28.67 in.	0700	1300	1900
R.H.	98 %	24 hr. Mov.	M mi.	Sea L.	30.00 in.	Clds. 10/10 Ns	Clds. 10/10 SC	Clds. 10/10 SC
Ppn.	0.38 in.	Prev. Dir.	M	3 hr. Tend.	/+1 mb	Wx RA	Wx Windy	Wx Windy & cool
Ppn.	- in.	Snow Depth	- in.	Observer	ADH	Vis. 3 mi.	Vis. 10 mi.	Vis. 15 mi.

$\bar{T}: 61$

$T_{Davis}: 53/52$

T_c

$T_b: 52$

$H_{00}: 4$

$T_{uv}: 54/50$

$L_{00}: 0$

$\sum H_{00}: 43$

$\sum L_{00}: 60$

$\sum PCN_i: 3.76$

$PLN_{T_b}: 0.37$

$\sum PCN_s: -$

$\sum PCN_{T_u}: 3.52$

Wednesday 22 September 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	55 °F	Dir.	NNW	Temp.	71 °F	RA 08LT - 0930LT		
Min.	42 °F	Vel.	2 m.p.h.	Read.	28.81 in.			
Set	43 °F	Char.	light	Corr.	28.68 in.			
R.H.	93 %	24 hr. Mov.	M mi.	Sea L.	30.11 in.	0700	1300	1900
Ppn.	0.02 in.	Prev. Dir.	M	3 hr. Tend.	+1 mb	Clds. CU 2/10 AC	Clds. CU 3/10 SC	Clds. CU 0/10
Ppn.	0 in.	Snow Depth	0 in.	Observer	MAW	Wx clear and cool	Wx SUNNY AND COOL	Wx. chilly
Vis.	20 mi.	Vis.	25+ mi.	Vis.	25 mi.			

\bar{T} : 49

HDD: 16

UDD: 0

Σ HDD: 59

Σ UDD: 60

Σ PCN_l: 3.78

Σ PCN_s: 8.00

T_{DAVIS}: 44/38 T_w: 42

T_{UNU}: 43/37 T_D: 41

PCN_{TB}: 0.02

Σ PCN_{TB}: 3.54

Thursday 23 September 1900
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
60 °F	WSW	72 °F				
Min.	Vel.	Read.				
43 °F	2 m.p.h.	28.70 in.				
Set	Char.	Corr.				
48 °F	light	28.58 in.				
				light fog in valley		
				0700	1300	1900
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	Fog Ci
61 %	M mi.	29.94 in.	0/10	0/10	0/10	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0.00 in.		M	-- 0 mb	COOL	ABSOLUTELY DELICIOUS	Splendid
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0 in.		- in.	PLD	25 mi.	25+ mi.	25+ mi.

$$\bar{T}: 52$$

$$H_{DD}: 13$$

$$C_{DD}: 0$$

$$\sum H_{DD}: 72$$

$$\sum C_{DD}: 60$$

$$\bar{T}_{DOWNS}: \frac{50}{39}$$

$$\bar{T}_{UNIV}: \frac{48}{37}$$

$$\bar{T}_W: 45$$

$$\bar{T}_D: 38$$

$$\sum PCN_L: 3.78$$

$$\sum PCN_S: 0.00$$

$$\sum PCN_{TB}: 0.00$$

$$PCN_{TB}: 3.54$$

FRIDAY 24 SEPTEMBER 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max 71 °F	Dir. —	Temp 71 °F	* Very low shallow fog in valley				
Min. 45 °F	Vel. 0 m.p.h.	Read. 28.74 in.					
Sec. 47 °F	Char. CALM	Corr. 28.52 in.	0700	1300	1900		
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Glds. CI 1/10	Clds. 2/10 CI	Clds. NS 1/10 ST		
Ppn. 0.00 in.	Liq. —	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx cool	Wx pleasant	Wx SPRINKLES FG	
Ppn. 0.0 in.	Sol. —	Snow Depth 0 in.	Observer ARD	Vis. 25* mi.	Vis. 25 mi.	Vis. 4 mi.	

$$\bar{T} = 58$$

$$H_{PP} = 7$$

$$C_{PP} = 0$$

$$\sum H_{PP} = 79$$

$$\sum C_{PP} = 60$$

$$\sum PCN_L = 3.78$$

$$\sum PCN_S = 0.0$$

$$T_{PAVIS} = 52/44 \quad T_U = 44$$

$$T_{UNU} = 48/41 \quad T_D = 43$$

$$\sum PCN_{TB} = 3.54$$

$$PCN_{TB} = 0.00$$

SATURDAY SEPTEMBER 25, 1999
 Meteorological Observatory
 University Park, PA
 0700 EST

Temp.		Wind		Barom.		General Obs.		
Max. 75 °F	Dir. —	Temp. 75 °F	* OVER LOW 57			— SHRA 19:50 - 21:00 LT		
Min. 47* °F	Vel. 0 m.p.h.	Read. 28.95 in.	SPRINKLE 06:45 - 0:50 LT			SPRINKLE 1:25 - 1:30 LT		
Set. 53 °F	Char. CALM	Corr. 28.82 in.	* FOG			SPRINKLE 2:30 - 2:35 LT		
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. Sc	0700	1300	1900	Clds. 0/10	
Ppn. 0.01 in.	Liq. —	Prev. Dir. —	3 hr. Tend. 1+6.0 mb	Wx NICE W A TOUCH OF COOL	Wx	Wx starry NICE		
Ppn. 0.0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer ARD	Vis. 4.5* mi.	Vis. mi.	Vis. 20 mi.		

$$\bar{T} = 61$$

$$H_{DP} = 4$$

$$E_{DP} = 0$$

$$\sum H_{DP} = 8.3$$

$$\sum C_{DP} = 60$$

$$\sum PCN_L = 3.79$$

$$\sum PCN_S = 0.0$$

$$T_{DAVIS} = 55/51$$

$$T_{UNU} = 54/48$$

$$T_W = 50$$

$$T_P = 50$$

$$\sum PCN_{TB} = 3.54$$

$$PCN_{TB} = 0.00$$

Sunday 26 September 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	ESE	Temp.	72 °F			
Min.	46 °F	Vel.	1 m.p.h.	Read.	29.05 in.			
Set	48 °F	Char.	calm	Corr.	28.92 in.	fog in valley		
R.H.	80 %	24 hr. Mov.	M mi.	Sea L.	30.30 in.	Clds. 0700	1300	1900
Ppn.	0.00 in.	Prev. Dir.	M	3 hr. Tend.	13 mb	Clds. 0/10	Clds.	Clds. 0/10
Ppn.	0.00 in.	Snow Depth	— in.	Observer	PLD	Wx	Wx	Wx
						chilly		N.c.c
						Vis.	Vis.	Vis.
						4 mi.	mi.	80 mi.

$\bar{T}: 58$

$T_{\text{DOWNS}}: 50/47$

$T_W: 47$

$H_{\text{DD}}: 7$

$T_{\text{UNV}}: 44/42$

$T_D: 44$

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

$\sum H_{\text{DD}}: 90$

$\sum C_{\text{DD}}: 60$

$\sum \text{PEN}_L: 3.79$

$\text{PEN}_{\text{TB}}: 0.00$

$\sum \text{PEN}_S: 0.00$

$\sum \text{PEN}_{\text{TB}}: 3.54$

Monday 27 September 1999

Meteorological Observatory
University Park, PA

0700 EST

Temp.		Wind		Barom.		General Obs.					
Max.	73 °F	Dir.	ESE	Temp.	76 °F	*overnight low 65° -02 05 LT					
Min.	47* °F	Vel.	0 m.p.h.	Read.	29.15 in.						
Set	65 °F	Char.	calm	Corr.	29.01 in.						
R.H.	90 %	24 hr. Mov.	M mi.	Sea L.	30.46 in.	Clds.	10/110 sc	Clds.	10/110 sc	Clds.	10/10 st
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	+1 mb	Wx	hazy	Wx	hazy	Wx	hazy
Ppn.	0 in.	Snow Depth	0 in.	Observer	MAW	Vis.	1.6 mi.	Vis.	4 mi.	Vis.	15 mi.

F: 60
HDD: 5
CDD: 0
 Σ HDD: 95
 Σ CDD: 60
 Σ PCN_i: 3.79
 Σ PCN_s: 0.00

T DAVIS: ⁶⁴/62 Tw: 63
T UNU: ⁶³/61 To: 62

PCN_{TB}: 0.00
 Σ PCN_{TB}: 3.54

Tuesday 28 September 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. E	Temp. 74 °F	-0214:30-1445 LT 02 6:00-06 LT			
Min. 65 °F	Vel. 1 m.p.h.	Read. 29.09 in.	* OUNLON 67 ** From Davis			
Set 67 °F	Char. light	Corr. 28.96 in.	0700	1300	1900	
R.H. 95 %	24 hr. Mov. m mi.	Sea L. 30.79 in.	Clds. 10/10 N ₃	Clds. 10/10 SC	Clds. 10/10 SC	
Ppn. 0.01 in.	Liq. in.	Prev. Dir. m	3 hr. Tend. -1 mb	Wx Dz	Wx haze	Wx muggy
Ppn. - in.	Sol. in.	Snow Depth in.	Observer ADH	Vis. 1/2 mi.	Vis. 4 mi.	Vis. 6 mi.

T: 67

HDD: 0

LOD: 0

Σ HDD: 95

Σ LOD: 62

Σ PCN₁: 3.80

Σ PCN₂: -

T Davis: 66/65

Turr: 66/63

T₂: m

T₀: 65

PCN₁: 0.00

Σ PCN₁: 3.54

29 September 1999 Wednesday

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	68 °F	Dir.	S	Temp.	80 °F	- DZ RA 0835-1035 LT		
Min.	65 °F	Vel.	12 m.p.h.	Read.	28.97 in.	- DZ 1315-1400 LT		
Set	65 °F	Char.	Steady	Corr.	28.82 in.	- SHRA 0745-08 LT		
R.H.	100 %	24 hr. Mov.	M mi.	Sea L.	30.26 in.	0700	1300	1900
Ppn.	0.16 in.	Prev. Dir.	M	3 hr. Tend.	1-2 mb	Clds. 10/10 NS	Clds. 19/0 SC	Clds. 19/0 NS
Ppn.	0 in.	Snow Depth	0 in.	Observer	MAW	Wx - SHRA	Wx CLOUDY - Br	Wx dull - bz
				Observer		Vis. 6 mi.	Vis. 7 mi.	Vis. 5 mi.

T: 67

HOD: 0

COO: 2

Σ HOD: 95

Σ COO: 64

Σ PCN_e: 3.96

Σ PCN_s: 0.00

T DAVIS: ⁶⁵/₆₄ TW: 65

T UNU: ⁶⁴/₆₃ TS: 65

PCN_{TB}: 0.14

Σ PCN_{TB}: 3.68

1999
 Thursday 30 September 0700 EST

Meteorological Observatory
 University Park, PA

Temp.				Wind		Barom.		General Obs.		
Max.	67 °F	Dir.	W	Temp.	74 °F	Freq. DZ CBS - 1830 LT RA, OCC LT + HUY 1830-0330				
Min.	52 °F	Vel.	18 m.p.h.	Read.	28.64 in.					
Set	53 °F	Char.	gusty	Corr.	28.51 in.	0700	1300	1900		
R.H.	80 %	24 hr. Mov.	M mi.	Sea L.	29.85 in.	Clds. AC 9/10 AS	Clds. 5c 6/10 Fc	Clds. 0/10		
Ppn.	1.38 in.	Prev. Dir.	M	3 hr. Tend.	15 mb	Wx Windy hopeful	Wx WINDY IMPROVING	Wx CLEAR		
Ppn. Sol.	0.00 in.	Snow Depth	- in.	Observer	PLD	Vis.	20 mi.	25+ mi.	25+ mi.	

T: 60

H_{DD}: 5

C_{DD}: 0

ΣH_{DD}: 100

ΣC_{DD}: 64

ΣPCN_L: 5.34

ΣPCN_S: 0.00

T_{Davis}: 53/47

T_{UNV}: 53/44

T_W: 51

T_D: 48

SEPT. STATS

T_{max} = 72.8

T_{min} = 54.1

T_{sep} = 63.5

PCN_{TB}: 1.32

ΣPCN_{TB}: 5.00