

TUESDAY SEPTEMBER 1 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	80 °F	Dir.	—		Temp.	* STARTED MONTHLY TALLY OF TIPPING BUCKET GAUGE		
Min.	52 °F	Vel.	0 m.p.h.		Read.	28.83 in.		
Set	54 °F	Char.	Calm		Corr.	0700	1300	1900
R.H.	83 %	24 hr. Mov.	M mi.		Sea L.	Clds. 2/10	Clds.	Clds. 3/10
Ppn.	0 in.	Prev. Dir.	M		3 hr. Tend.	Ac/Ci	Wx	Wx
Ppn.	— in.	Snow Depth	— in.		Observer	Wx Haze e-se	Wx	Wx
						Crisp		Nice Sunset
						Vis.	Vis.	Vis.
						25 mi.	mi.	25 mi.

1 66  
H<sub>00</sub> φ  
C<sub>00</sub> 1  
Σ H<sub>00</sub> φ  
Σ C<sub>00</sub> 1  
Σ P<sub>cnL</sub> 0  
Σ P<sub>cnS</sub> 0  
Σ P<sub>cnTB</sub> 0

T<sub>UNW</sub> 54/50  
T<sub>DAVIS</sub> M/M

T<sub>w</sub> 55  
T<sub>d</sub> 53

P<sub>cnTB</sub> 0

WEDNESDAY SEPTEMBER 2 1998

Meteorological Observatory  
University Park, PA

0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.	81 °F	Dir.	—	Temp.	72 °F	* CUMT 2200-60 -SHRA - 2400-2430	
Min.	54 °F	Vel.	0 m.p.h.	Read.	28.62 in.		
Set	62 °F	Char.	Calm	Corr.	28.50 in.	0700	1300
R.H.	75 %	24 hr. Mov.	M mi.	Sea L.	29.82 in.	Clds. 9/10 Ac/As	Clds. CU 10 AS
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	STEADY mb	Wx BKNOW-040 VALLEY HAZE E-S	Wx DARKENING SKIES
Ppn.	0 in.	Snow Depth	0 in.	Observer	EMB	Vis.	10 mi.
						Vis.	15 mi.
						Vis.	20 mi.

Wx Cold Front  
Drying out

T 68

H<sub>00</sub> φ

C<sub>00</sub> 3

Σ H<sub>00</sub> φ

Σ C<sub>00</sub> 4

Σ P<sub>00</sub> 1

Σ P<sub>00</sub> φ

Σ P<sub>00</sub> φ

T<sub>00</sub> 60/50

T<sub>00</sub> 11/11

T<sub>00</sub> 59

T<sub>00</sub> 56

P<sub>00</sub> 13 φ

THURSDAY SEPTEMBER 3, 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	—	Temp.	72 °F	COLD FRONT @ 1500 LT PJM, WINDSHT, PK GUST 30 MPH -SHRA 1515-1545 LT		
Min.	49 °F	Vel.	0 m.p.h.	Read.	28.73 in.			
Set	51 °F	Char.	Calm	Corr.	28.61 in.			
R.H.	81 %	24 hr. Mov.	M mi.	Sea L.	29.97 in.	Clds. 2/10	Clds. AC 5/10 ci	Clds. 3/10 ci
Ppn.	.02" in.	Prev. Dir.	M	3 hr. Tend.	14.7 mb	Wx DENSE VALLEY FOG NE-S	Wx BRIGHT SUNSHINE	Wx HAZY
Ppn.	— in.	Snow Depth	— in.	Observer	EMB	Vis. PRESRR 4 mi.	Vis. 20 mi.	Vis. 10 mi.

T 65

C<sub>00</sub> φ

H<sub>00</sub> φ

Σ C<sub>00</sub> ψ

Σ H<sub>00</sub> 0

Σ P<sub>ENTC</sub> .02"

Σ P<sub>ENTs</sub> φ

Σ P<sub>ENTB</sub> .01"

T<sub>UVV</sub> 50/46

T<sub>w</sub> 52

T<sub>d</sub> 50

P<sub>ENTB</sub> .01"

FRIDAY 4 Sept 1998

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. -	Temp. 72 °F				
Min. 51 °F	Vel. - m.p.h.	Read. 28.80 in.				
Set 54 °F	Char. calm	Corr. 28.68 in.		0700	1300	1900
R.H. 83 %	24 hr. Mov. M mi.	Sea L. 30.03 in.	Clds. 4/10 CI CI SHIELD SE	Clds. 5/10 CI	Clds. 2/10 AL	
Ppn. -	Liq. in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx valley FOG	Wx warm & SUNNY	Wx beautiful
Ppn. -	Sol. in.	Snow Depth -	Observer TJO	Vis. ~5 mi.	Vis. 15 mi.	Vis. 15 mi.

$\bar{T}$  65

HDD  $\phi$

CDD  $\phi$

$\Sigma$  HDD 0

$\Sigma$  CDD 4

$\Sigma$  PCNL .02

$\Sigma$  PCNS  $\phi$

$\Sigma$  PCNTB .01

Tramos m/m

TUV 52/48

TW 51

TD 49

PCNTB -



SATURDAY 5 SEPT 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir.	-	Temp.	71 °F	
Min.	53 °F	Vel.	- m.p.h.	Read.	29.01 in.	
Set	55 °F	Char.	calm	Corr.	29.89 in.	
				0700	1300	1900
R.H.	77 %	24 hr. Mov.	M mi.	Sea L.	30.24 in.	Clds. % clear
Ppn.	- in.	Prev. Dir.	M	3 hr. Tend.	+2 mb	Wx BRIGHT SUNSHINE
Ppn.	- in.	Snow Depth	- in.	Observer	SRS	Wx Starry
				Vis.	20 mi.	Vis. mi. 20 mi.

T 67

HOD 0

COD 2

$\Sigma$ HOD 0

$\Sigma$ COD 6

$\Sigma$ PCNL .02

$\Sigma$ PCNS  $\emptyset$

TRAMOS M/M

TUNV54/48

TW 51

Td 49

PCNTB -  
 $\Sigma$ PCNTB .01

Sunday 6 September 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. NE	Temp. 71 °F			
Min.	55 °F	Vel. 6 m.p.h.	Read. 29.00 in.			
Set	58 °F	Char. light	Corr. 29.87 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. M mi.	Sea L. 30.24 in.	Clds. 0/10	Clds.	Clds. 9/10 Ci, Ac
Ppn.	Liq. - in.	Prev. Dir. M	3 hr. Tend. - +0 mb	Wx light valley fog Gaugers	Wx	Wx light cirrus overcast
Ppn.	Sol. - in.	Snow Depth - in.	Observer AJD	Vis. ~15 mi.	Vis. mi.	Vis. ~15 mi.

$\bar{T}$  68

HDD 0

CDD 3

$\Sigma$ HDD 0

$\Sigma$ CDD 9

$\Sigma$ PCNL 0.02

$\Sigma$ PCNS  $\emptyset$

$\Sigma$

T<sub>RAMOS</sub> M/M

T<sub>LUNV</sub> M/M

T<sub>w</sub> 58

T<sub>D</sub> 55

PCNTB -  
 $\Sigma$ PCNTB 0.01

Monday 7 September 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. * 90 °F	Dir. SW	Temp. 72 °F	* RECORD HI, OLD = 89, 1983 * <del>ORIGINAL LOW</del> LOW 74			
Min. ** 57 °F	Vel. 6 m.p.h.	Read. 29.02 in.				
Set 74 °F	Char. breezy	Corr. -0.89 in.	0700	1300	1900	
R.H. 67 %	24 hr. Mot. M mi.	Sea L. 30.19 in.	Clds. 10/10 C <sub>i</sub>	Clds.	Clds. 9/10 Sc/St	
Ppn. Liq. - in.	Prev. Dir. M	3 hr. Tend. +0.4 mb	Wx thin overcast	Wx	Wx Cool & DAMP FG BANK SE CLEAR W	
Ppn. Sol. - in.	Snow Depth - in.	Observer AJD	Vis. ~10 mi.	Vis.	Vis. 2 SE 20 ELSE mi.	

$\bar{T}$  74

TRAMOS M/M

$T_w$  68

HDD 0

TUNV 76/61

$T_D$  64

CDD 9

$\Sigma$ HDD 0

$\Sigma$ CDD 18

$\Sigma$ PCN<sub>L</sub> 0.02

$\Sigma$ PCN<sub>S</sub> 6

PCN<sub>TB</sub> -  
 $\Sigma$ PCN<sub>TB</sub> 0.01



T 65

H<sub>00</sub> φ

C<sub>00</sub> φ

Σ H<sub>00</sub> φ

Σ C<sub>00</sub> 18

Σ P<sub>cn<sub>2</sub></sub> .52"

Σ P<sub>cn<sub>5</sub></sub> φ

T<sub>JUNN</sub> 54/44

T<sub>DAVIS</sub>

T<sub>N</sub> 51

T<sub>d</sub> 48

P<sub>cn<sub>13</sub></sub> .48"

Σ P<sub>cn<sub>10</sub></sub> .49"



WEDNESDAY SEPTEMBER 9, 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	64 °F	Dir.	NW	Temp.	70 °F	-TSRA 1435-1445 LT OCNL LTG/CCC		
Min.	47 °F	Vel.	10 m.p.h.	Read.	28.74 in.	-SHRA 1445-1520 LT		
Set	49 °F	Char.	BREEZY	Corr.	28.62 in.	0700	1300	1900
R.H.	80 %	24 hr. Mōv.	M mi.	Sea L.	29.98 in.	Clds. 5/10 Sc/Ac	Clds. Sc 7/10	Clds. 8/10 Sc
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	+1.9 mb	Wx Winter!! Too early for windchill	Wx CHILLY	Wx Unseasonably Cold
Ppn.	— in.	Sol.	— in.	Snow Depth	— in.	Observer	Vis.	Vis.
						EMB	20 mi.	20 mi.
							20 mi.	20 mi.

T 56

T<sub>UNU</sub> 50/42

T<sub>w</sub> 49

H<sub>DD</sub> 9

T<sub>DAVIS</sub> 51/45

T<sub>0</sub> 46

C<sub>DD</sub>  $\phi$

$\Sigma H_{DD}$  9

$\Sigma C_{DD}$  18

$\Sigma P_{CNL}$  .52"

$\Sigma P_{CN}$   $\phi$

P<sub>CNTB</sub> T  
 $\Sigma P_{CNTB}$  .49"

THURSDAY SEPTEMBER 10, 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. WNW	Temp. 69 °F			
Min.	49 °F	Vel. 8 m.p.h.	Read. 28.95 in.			
Set	51 °F	Char. Breezy	Corr. 28.83 in.			
R.H.	69 %	24 hr. Mov. M mi.	Sea L. 30.20 in.	0700 Clds. 0/10	1300 Clds. 2/10 CU	1900 Clds. 3/10 CI
Ppn.	Liq. 0 in.	Prev. Dir. M	3 hr. Tend. +1.5 mb	Wx BERRR	Wx WARM SUNSHINE	Wx CLEAR
Ppn.	Sol. — in.	Snow Depth — in.	Observer EMB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

F 57

T<sub>UNU</sub> 50/44

T<sub>w</sub> 50

C<sub>DD</sub> 0

T<sub>PAVIS</sub> 53/45

T<sub>d</sub> 46

H<sub>DD</sub> 8

$\Sigma C_{DD}$  18

$\Sigma H_{DD}$  17

$\Sigma P_{CNL}$  .52"

$\Sigma P_{CMS}$  0

P<sub>CNTB</sub> 0

$\Sigma P_{CNTB}$  .49"

FRIDAY 11 SEPTEMBER 1998

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. S	Temp. 70 °F			
Min.	51 °F	Vel. 2 m.p.h.	Read. 29.01 in.	* OVERNIGHT LOW 52		
Set	53 °F	Char. light	Corr. 28.90 in.	0700	1300	1900
R.H.	69 %	24 hr. Mov. M mi.	Sea L. 30.26 in.	Clds. 0/10	Clds. ci 3/10	Clds. ci 3/10 cu
Ppn.	0 in.	Prev. Dir. M	3 hr. Tend. STEADY mb	Wx TRANQUIL	Wx NICE!	Wx BREEZY
Ppn.	- in.	Snow Depth - in.	Observer TDO	Vis. 25 mi.	Vis. 25 mi.	Vis. 15 mi.

T 62

HDD 3

CDD 0

$\Sigma$ HDD 10

$\Sigma$ CDD 18

$\Sigma$ PCNL 0.52"

$\Sigma$ PCNs 0

TUNV 54/45

TDAVIS 57/46

TW 48

TD 43

PCW<sub>TB</sub> 0

$\Sigma$ PCW<sub>TB</sub> 0.49"

SATURDAY 12 SEPTEMBER 1998 Meteorological Observatory  
 0700 EST University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. -	Temp. 70 °F				
Min. * 53 °F	Vel. m.p.h.	Read. 28.82 in.				
Set 65 °F	Char. calm	Corr. 28.70 in.	* OVERNIGHT LOWS			
			0700	1300	1900	
R.H. 67 %	24 hr. Mov. M mi.	Sea L. 30.00 in.	Clds. Ci 3/10	Clds.	Clds. Al 7/10 As	
Ppn. -	Liq. in.	Prev. Dir. M	3 hr. Tend. 7.5 mb	Wx Pleasantly warm	Wx warm	
Ppn. -	Sol. in.	Snow Depth in.	Observer SRS	Vis. 15 mi.	Vis. mi.	Vis. ~15 mi.

T 66

HDD 0

CDD 1

$\Sigma$ HDD 20

$\Sigma$ CDD 19

$\Sigma$ PCN<sub>L</sub> 0.52"

$\Sigma$ PCN<sub>S</sub> 0

TUNV 66/49

T DAVIS 68/50

TW 58

T<sub>D</sub> 54

PCN<sub>TB</sub> 0

$\Sigma$ PCN<sub>TB</sub> 0.49"





Sunday 13 September 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	87 °F	Dir. SW	Temp. 69 °F			
Min.	62 °F	Vel. 4 m.p.h.	Read. 28.82 in.			
Set	63 °F	Char. Steady	Corr. 28.70 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. M mi.	Sea L. 30.02 in.	Clds. ci 2/10	Clds.	Clds. ci 3/10 Ac
Ppn.	Liq. - in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx pleasant	Wx	Wx sticky
Ppn.	Sol. - in.	Snow Depth - in.	Observer AJD	Vis. 20 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$  75

$H_{DD}$  0

$C_{DD}$  10

$\Sigma H_{DD}$  20

$\Sigma C_{DD}$  29

$\Sigma PCN_L$  0.52

$\Sigma PCN_S$  0

$T_{UNV}$  65/56

$T_{DAVIS}$  65/58

$\bar{T}_w$  62

$T_d$  59

$PCN_{TB}$  0

$\Sigma PCN_{TB}$  0.49

Monday 14 September 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir.	Temp.			
	-		72 °F			
Min.	60 °F	Vel.	Read.			
	0 m.p.h.		28.82 in.			
Set	62 °F	Char.	Corr.	0700	1300	1900
	calm		28.69 in.			
R.H.	89 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
	M	mi.	30.01 in.	-X 3/10 Ci Ac	6/10 Ci	9/10 Ac/Cs
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
	-	M	1 mb	valley fog	Bright!!	MACKEREL SKY
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
	-	-	AJD	~2 mi.	20 mi.	15 mi.

$\bar{T}$  79

$H_{DD}$  0

$C_{DD}$  8

$\Sigma H_{DD}$  20

$\Sigma C_{DD}$  37

$\Sigma PCN_L$  0.52

$\Sigma PCN_S$  0

$T_{UNV}$  67/59

$T_{DRIVES}$  64/60

$T_w$  63

$T_d$  61

$PCN_{TB}$  0

$\Sigma PCN_{TB}$  0.49

SEPTEMBER 15, 1998

TUESDAY  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 88 °F	Dir. —	Temp. 72 °F	*OUNT LOW 69				
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.90 in.					
Set 70 °F	Char. Calm	Corr. 28.78 in.	0700	1300	1900		
R.H. 79 %	24 hr. Mov. M mi.	Sea L. 30.10 in.	Clds. 9/10 Ac/As/Ci	Clds.	Clds. 9/10 Ac/cc/Ci		
Ppn. Liq. 0 in.	Prev. Dir. M	3 hr. Tend. /+1 mb	Wx Filled Sunshine - Muggy -	Wx	Wx Very warm Hazy		
Ppn. Sol. — in.	Snow Depth — in.	Observer EMB	Vis. 10 mi.	Vis.	mi.	Vis. 10 mi.	

$\bar{T}$  75

$H_{00}$  0

$C_{00}$  10

$\Sigma H_{00}$  20

$\Sigma C_{00}$  47

$\Sigma P_{0N}$  .52

$\Sigma P_{0NS}$   $\phi$

$T_{UNW}$  71/62

$T_{DAVIS}$  71/62

$T_w$  67

$T_d$  65

$P_{CNTB}$   $\phi$

$\Sigma P_{CNTB}$  .49"

WEDNESDAY SEPTEMBER 16, 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	90 °F	Dir.	—	Temp.	*OUNT LOW ALSO 70 *RECORD MAX/MIN. REVS 68 in 1991			
				73 °F				
Min.	70 °F	Vel.	0 m.p.h.	Read.				28.92 in.
Set	71 °F	Char.	Calm	Corr.	28.79 in.	0700	1300	1900
R.H.	76 %	24 hr. Mov.	M mi.	Sea L.	30.10 in.	Clds. 9/10 Cs/Ci/As	Clds. 5/10 Ci/Cu	Clds. 7/10 Cb/Sc
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	√ + .5 mb	Wx VERY HAZY CLEANING DOWN	Wx Hazy WARM	Wx IT'S RAINING!!
Ppn.	— in.	Sol.	— in.	Snow Depth	— in.	Observer	EMB	Vis.
						10 mi.	15 mi.	20 mi.

$\bar{T}$  80

$T_{UN}$  72/63

$T_w$  68

$H_{DO}$  0

$T_{OAVIS}$

$T_d$  65

$C_{DO}$  15

$\Sigma H_{DO}$  20

$\Sigma C_{DO}$  62

$\Sigma PCN_2$  .52"

$\Sigma PCN_5$  0

$PCN_{T6}$  0

$\Sigma PCN_{T6}$  .49



THURSDAY SEPTEMBER 17, 1978

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	83 °F	Dir.	N	Temp.	73 °F	-SHRA 1820-2000 LT		
Min.	64 °F	Vel.	5 m.p.h.	Read.	28.90 in.	OCNL -02 0545-065		
Set	64 °F	Char.	LIGHT	Corr.	28.77 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov.	M mi.	Sea L.	30.09 in.	Clds. 10/10	Clds.	Clds. 8/10
Ppn. Liq.	0.12" in.	Prev. Dir.	M	3 hr. Tend.	+2 mb	Wx MURKY	Wx	Wx ST
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	EMB	-DZ/FG	Wx	Wx DAMP
				Observer	EMB	Vis. 1.5 mi.	Vis.	Vis. 10 mi.

T 74

H<sub>20</sub> 0

C<sub>00</sub> 9

Σ H<sub>20</sub> 20

Σ C<sub>00</sub> 71

Σ P<sub>CR2</sub> .64"

Σ P<sub>CR3</sub> 0

TUNV 63/59

TDAVIS 65/62

Tw 64

Td 63

PENT6 .10"  
Σ P<sub>CR16</sub> .59"

FRIDAY SEPTEMBER 18, 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. NNE	Temp. 72 °F	-DZ OBS - 1230 LT			
Min. 56 °F	Vel. 3 m.p.h.	Read. 28.95 in.				
Set 57 °F	Char. STEADY	Corr. 28.82 in.				
R.H. 73 %	24 hr. Mov. M mi.	Sea L. 30.15 in.	0700 Clds. 9/10 CLR	1300 Clds. 2/10 ci	1900 Clds. 1/10 sc	
Ppn. .01 in.	Liq. Prev. Dir. M	3 hr. Tend. +1.2 mb	Wx FOG AT BASE OF NSEY	Wx Pleasantly WARM	Wx Beautiful	
Ppn. - in.	Sol. Snow Depth - in.	Observer WJS	Vis. 20 mi.	Vis. 15 mi.	Vis. 20 mi.	

$$\bar{T} = 65$$

$$H_{20} = 0$$

$$C_{20} = 0$$

$$\sum H_{20} = 20$$

$$\sum C_{20} = 71$$

$$\sum PCN_L = .65''$$

$$\sum PCN_S = 0$$

$$T_{UNJ} = 55/48$$

$$T_{DNIS} = 59/50$$

$$T_N = 55$$

$$T_L = 51$$

$$PCN_{T0} = 0.01''$$

$$\sum PCN_{T0} = .60$$



$$\bar{T} = 69$$

$$H_{DD} = 0$$

$$C_{DD} = 4$$

$$\Sigma H_{DD} = 20$$

$$\Sigma L_{DD} = 75$$

$$\Sigma PCN_L = .65''$$

$$\Sigma PCN_S = 0$$

$$T_{UNV} = 66/59$$

$$T_{DAVIS} = 66/60$$

$$T_w = 61$$

$$T_d = 59$$

$$PCN_{TB} = 0.00''$$

$$\Sigma PCN_{TB} = .60$$

Sunday 20 September 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir.	-	Temp.	73 °F	
Min.	61 °F	Vel.	- m.p.h.	Read.	28.90 in.	
Set	63 °F	Char.	calm	Corr.	28.77 in.	
R.H.	90 %	24 hr. Mov.	M mi.	Sea L.	30.09 in.	
Ppn.	- in.	Prev. Dir.	M	3 hr. Tend.	✓ +1.2 mb	
Ppn.	- in.	Snow Depth	- in.	Observer	AJD	
				0700	1300	1900
				Clds. St 10/10 x	Clds.	Clds. 0/10
				Wx valley Fog	Wx	Wx Sultry
				Vis. 2 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$  70

$T_{UNV}$  62/59

$T_w$  65

$H_{DD}$  0

$T_{DAVIS}$  64/61

$T_d$  69

$C_{DD}$  5

$\Sigma N_{DD}$  20

$\Sigma C_{DD}$  60

$\Sigma PCN_L$  0.65

$\Sigma PCN_S$  0

$PCN_{TB}$  0.0

$\Sigma PCN_{TB}$  0.60



Monday 21 September 1995  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	83 °F	Dir.	SW	Temp.	74 °F	TSHA 0330-0530 CT		
Min.	63* °F	Vel.	2 m.p.h.	Read.	28.90 in.			
Set	64 °F	Char.	light	Corr.	28.77 in.	*Overnight low 64		
R.H.	94 %	24 hr. Mov.	M mi.	Sea L.	30.09 in.	0700	1300	1900
Ppn.	0.28 in.	Prev. Dir.	M	3 hr. Tend.	2.3 mb	Clds.	Ac	Clds.
								10/10
						Wx		Wx
								M/d
Ppn.	Sol.	Snow Depth	Observer	Vis.		Vis.		Vis.
-	in.	-	in.	AJD	~2 mi.		mi.	6 mi.

$\bar{T}$  28

$H_{DD}$  0

$C_{DD}$  8

$\Sigma H_{DD}$  20

$\Sigma C_{DD}$  88

$\Sigma PCN_L$  0.93

$\Sigma PCN_S$  0

$T_{UNV}$  65/61

$T_{DAVIS}$  65/64

$T_w$  65

$T_d$  64

$PCN_{TB}$  0.26  
 $\Sigma PCN_{TB}$  0.86



$\bar{T}$  73

$H_{00}$  0

$C_{00}$  8

$\Sigma H_{00}$  20

$\Sigma C_{00}$  98

$\Sigma PCN_2$  1.20"

$\Sigma PCN_3$  0

$T_{UNV}$  6/6/63

$T_{DAVIS}$  6/6/64

$T_W$  6/6

$T_a$  6/6

$PCN_{T0} = 0.26$   
 $\Sigma PCN_{T0} = 1.12$

WEDNESDAY SEPTEMBER 23, 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	73 °F	Dir.	—	Temp.	72 °F	+SHRA 0805-0805 -SHRA 0805-0815		
Min.	46 °F	Vel.	0 m.p.h.	Read.	28.97 in.			
Set	47 °F	Char.	CALM	Corr.	28.84 in.	0700	1300	1900
R.H.	73 %	24 hr. Mov.	M mi.	Sea L.	30.21 in.	Clds.	Clds.	Clds.
Ppn.	.04" in.	Prev. Dir.	M	3 hr. Tend.	+2.6 mb	0/10	4/10	0/10
Ppn.	— in.	Snow Depth	— in.	Observer	EMB	Wx A COLD START; PRESRR	Wx MOSTLY SUNNY + COOL	Wx Clear, calm cold, crisp
				Vis.	25 mi.	Vis.	25 mi.	Vis. 25 mi.

T 60

H<sub>00</sub> 5

C<sub>00</sub> 0

Σ H<sub>00</sub> 25

Σ C<sub>00</sub> 96

Σ PCN<sub>L</sub> 1.24"

Σ PCN<sub>S</sub> 0

T<sub>UNV</sub> 46/38

T<sub>RAVIS</sub> 50/40

T<sub>w</sub> 45

T<sub>d</sub> 41

PCNT<sub>B</sub> .03  
Σ PCNT<sub>B</sub> 1.15

THURSDAY SEPTEMBER 24, 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	62 °F	Dir.	—	Temp.	72 °F			
Min.	39 °F	Vel.	0 m.p.h.	Read.	29.03 in.			
Set	41 °F	Char.	CALM	Corr.	28.90 in.	0700	1300	1900
R.H.	71 %	24 hr. Mov.	M mi.	Sea L.	30.29 in.	Clds.	0/10	Clds. ci 4/10 cu
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	STEADY mb	Wx	BRRRR!!!	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	EMB	Wx	CHILLY	Wx
				Observer		Vis.	25 mi.	Vis.
				Observer		Vis.	20 mi.	Vis.
				Observer		Vis.	15 mi.	Vis.

$\bar{T}$  51

$C_{DO}$   $\phi$

$H_{DO}$  14

$\Sigma C_{DO}$  96

$\Sigma H_{DO}$  39

$\Sigma P_{ENL}$  1.24

$\Sigma P_{ENS}$   $\phi$

$T_{DAVIS}$  43/37

$T_{UNV}$  39/36

$T_w$  41

$T_d$  37

$P_{EN_{TB}}$   $\phi$

$\Sigma P_{EN_{TB}}$  1.15



FRIDAY 25 SEPT 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. W	Temp. 72 °F	-+RA ~ 0725 LT +SRA 0745-OBS LT		
Min.	41 °F	Vel. 2 m.p.h.	Read. 29.04 in.	*Overnight Low 55		
Set	55 °F	Char. Light	Corr. 28.92 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov. M mi.	Sea L. 30.24 in.	Clds. 10/10 NS	Clds. 6/10 sc	Clds. 4/10 sc
Ppn.	0.02 in.	Prev. Dir. M	3 hr. Tend. ✓ +1.0 mb	Wx -RA	Wx Some SUN	Wx Calm
Ppn.	- in.	Snow Depth - in.	Observer TJO	Vis. 6 mi.	Vis. 15 mi.	Vis. 15 mi.

T 56

T DAVIS 56/52

TW 54

CDD 0

TUNV 55/50

TD 53

HDD 9

$\Sigma$  CDD 96

$\Sigma$  HDD 48

$\Sigma$  PCN<sub>L</sub> 1.26

$\Sigma$  PCN<sub>S</sub>  $\phi$

PCN<sub>TS</sub> 0.02

$\Sigma$  PCN<sub>TS</sub> 1.18

SATURDAY 26 SEPT 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	Dir.	Temp.			-SHRA OBS-CLOUDLT +SHRA 12:25-12:30 LT * THERMOMETERS + BACK-UP DAMAGED. RE-CALIBRATED FROM THERMOCALORIMETER/DAVIS/SUN-MANOMETER OBS		
* 68 °F	-	72 °F					
Min.	Vel.	Read.					
* 54 °F	- m.p.h.	28.94 in.					
Set	Char.	Corr.			0700	1300	1900
* 54 °F	calm	28.81 in.					
R.H.	24 hr. Mov.	Sea L.	Clds.		Clds.		Clds.
M %	M mi.	30.20 in.	4/10 SC				%
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx		Wx
.09 in.		M	7+1 mb	SKY PARTIALLY OBSERVED			Beautiful
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.		Vis.
- in.			SRS	4 mi.		mi.	15 mi.

T 61  
HDD 4  
CDD 0  
 $\Sigma$ HDD 52  
 $\Sigma$ CDD 96  
 $\Sigma$ PCN<sub>L</sub> 1.35  
 $\Sigma$ PCN<sub>S</sub> 0

T DAVIS 54/54  
TUNV 53/51

T<sub>w</sub>  
T<sub>D</sub>/M

PCN<sub>ty</sub> 0.07  
 $\Sigma$ PCN<sub>ty</sub> = 1.25

Sunday 27 September 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. SSW	Temp. 73 °F	* Overnight low 70		
Min.	54 °F *	Vel. 10 m.p.h.	Read. 28.94 in.			
Set	71 °F	Char. steady	Corr. 28.81 in.			
R.H.	73 %	24 hr. Mov. M mi.	Sea L. 30.11 in.	Clds. 0/10	Clds. 1300	Clds. Ac 4/10 Sc 1900
Ppn.	- in.	Prev. Dir. M	3 hr. Tend. - +0 mb	Wx light haze	Wx	Wx warm
Ppn.	- in.	Snow Depth - in.	Observer AJD	Vis. ~ 10 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$  68

$H_{DD}$  0

$C_{DD}$  3

$\Sigma H_{DD}$  52

$\Sigma C_{DD}$  99

$\Sigma PCN_L$  1.35

$\Sigma PCN_S$  0

$T_{UNV}$  67/63

$T_{DAVIS}$  72/61

$T_w$  67

$T_D$  64

$PCN_{TB}$  0.0

$\Sigma PCN_{TB}$  1.25

Monday 28 September 1978

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	82 °F	Dir.	NNW	Temp.	73 °F	Cb Mammatus Obs 1820-1830 LT -TSRA 1845-1915 LT OCNL LTG ICE C6 PSNT SE-SW		
Min.	62 °F	Vel.	10 m.p.h.	Read.	28.94 in.			
Set	64 °F	Char.	steady	Corr.	28.81 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov.	M mi.	Sea L.	30.13 in.	Clds. Ac	Clds. Sc	Clds.
Ppn.	0.01 in.	Prev. Dir.	M	3 hr. Tend.	+2 mb	7/10	6/10	0/10
Ppn.	- in.	Snow Depth	- in.	Observer	AJD	Wx	Wx	Wx
						nice	cool	Pleasant
						Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

$\bar{T}$  72

HDD 0

CDD 7

$\Sigma$  HDD 52

$\Sigma$  CDD 106

$\Sigma$  PCN<sub>L</sub> 1.36

$\Sigma$  PCN<sub>S</sub> 0

$\bar{T}$  DAVIS 63/54

$\bar{T}$  UNV 61/52

$\bar{T}_w$  60

$\bar{T}_d$  57

PCN<sub>TB</sub> 0

$\Sigma$  PCN<sub>TB</sub> 1.25



TUESDAY 29 SEPTEMBER 1948

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	71 °F	Dir.	—	Temp.	72 °F			
Min.	46 °F	Vel.	0 m.p.h.	Read.	28.89 in.			
Set	48 °F	Char.	CALM	Corr.	28.76 in.			
R.H.	80 %	24 hr. Mov.	M mi.	Sea L.	30.12 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	4.9 mb	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	EMB	Wx	Wx	Wx
						0/10		10
						Wx Cool, CRISP, SHALLOW VLY FG		beautiful
						Vis.	Vis.	Vis.
						25 mi.		25 mi.

F 59  
H<sub>00</sub> 6  
C<sub>00</sub> 0  
ΣH<sub>00</sub> 58

ΣC<sub>00</sub> 106

ΣPCN<sub>L</sub> 1.36

ΣPCN<sub>S</sub> 0

T<sub>0AVIS</sub> 48/43

T<sub>0UNV</sub> 44/39

T<sub>W</sub> 47

T<sub>0</sub> 44

PCN<sub>TB</sub> 0  
ΣPCN<sub>TB</sub> 1.25"

WEDNESDAY 30 SEPTEMBER 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	72 °F	Dir.	—	Temp.	*OUNT LOW 56			
				72 °F				
Min.	48 °F	Vel.	0 m.p.h.	Read.				28.75 in.
Set	57 °F	Char.	CALM	Corr.	28.62 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov.	M mi.	Sea L.	29.96 in.	Clds. 9/10 Ac/As	Clds. 5/10 Ac, Ci, As	Clds. 8/10 Ac/Cc
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	+1 mb	Wx Not as cool	Wx Pleasantly WARM	Wx WARM
Ppn.	— in.	Snow Depth	— in.	Observer	EMB	Vis.	20 mi.	15 mi.
						Vis.	15 mi.	15 mi.

$\bar{T}$  60

$H_{00}$  5

$C_{00}$  0

$\Sigma H_{00}$  63

$\Sigma C_{00}$  106

$\Sigma Pen_L$  1.36

$\Sigma Pen_S$   $\phi$

$T_{DAVIS}$  56/50

$T_{LNV}$  54/49

$T_w$  56

$T_d$  54

SEPTEMBER

$\bar{T}_{MAX}$  = 78.0

$\bar{T}_{MIN}$  = 54.4

$\bar{T}_{500}$  = 66.17

$PEN_{TB} \phi$   
 $\Sigma PCN_{TB} 1.25''$