

Saturday, June 1, 2002

0700 EST

Met. Sta. University Park, Pa.
General Obs.

Temp.		Wind		Barom.		TSRA 1800LT-1815LT SHRA 1815LT-1830LT		
Max.	83 °F	Dir.	—	Temp.	82 °F			
Min.	66 °F	Vel.	0 m.p.h.	Read.	28.94 in.			
Set	64 °F	Char.	Calm	Corr.	28.79 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov.	M mi.	Sea L.	30.11 in.	Clds.	Clds.	Clds. Ac
Ppn.	0.21 in.	Prev. Dir.	M	3 hr. Tend.	10.5 mb	Clear	Wx	110
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	JEP	Haze	Wx	Wx Gentle Breeze
				Observer	JEP	Vis.	mi.	20 mi.
				Observer	JEP	Vis.	3 mi.	mi.

HDD: 0
CDD: 7
 Σ HDD: 0
 Σ CDD: 7
 Σ PENL: 0.21

T DAVIS: 64/63
TUNN: 64/62

TW: 62
TD: 61

PEN_{TB}: 0.30
 Σ PEN_{TB}: 0.30

Sunday, June 2, 2002

0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. NNW	Temp. 74 °F			
Min.	64 °F	Vel. 15 m.p.h.	Read. 28.55 in.			
Set	66 °F	Char. Gusty	Corr. 28.42 in.	0700	1300	1900
R.H.	45 %	24 hr. Mov. M mi.	Sea L. 29.72 in.	Clds. CC, Ac, Ci 110	Clds.	Clds. Ci, Cs 3/10
Ppn.	0.00 in.	Prev. Dir. M	3 hr. Tend. +2 mb	Wx Haze	Wx	Wx
Ppn.	0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 5 mi.	Vis.	Vis. 15 mi.

T: 13
HDD: 0
CDD: 8
 Σ HDD: 0
 Σ CDD: 15
 Σ PCNL: 0.21

T_{DAVIS}: 66/44
T_{UNV}: 66/48

TW: 54
TD: 44

PCNTB: 0.00
 Σ PCNTB: 0.30

MONDAY 3 JUNE 2002 0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. CALM	Temp. 74 °F			
Min.	52 °F	Vel. - m.p.h.	Read. 29.90 in.			
Set	54 °F	Char. -	Corr. 28.78 in.	0700	1300	1900
R.H.	64 %	24 hr. Mov. M mi.	Sea L. 30.23 in.	Clds. Ci 1/10	Clds. Cs, Ci 10/10	Clds. St 10/10
Ppn.	0.00 in.	Prev. Dir. M	3 hr. Tend. +2.5 mb	Wx Cool	Wx	Wx Cool
Ppn.	- in.	Snow Depth - in.	Observer GMM	Vis. 25 mi.	Vis. 20 mi.	Vis. 20 mi.

$T = 64$
 $\sum HOD = 1$
 $CDD = 0$
 $\sum HOD = 1$
 $\sum COD = 15$
 $\sum PCNL = 0.21$

$T_{DAVIS} = 56/42$

$T_w = 48$

$T_{UNV} = 55/39$

$T_D = 42$

$PCNTB = 0.00$

$\sum PCNTB = 0.30$

Tuesday June 4, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 69 °F	Dir. CALM	Temp. 74 °F	Overnight low 55°			
Min. 54 °F	Vel. 0 m.p.h.	Read. 28.94 in.				
Set 58 °F	Char. —	Corr. 28.81 in.	0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. 8/10 As ci	Clds.	Clds. 10/10 Ns	
Ppn. 0.00 in.	Liq. —	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx Cool	Wx +TJRA	
Ppn. 0.0 in.	Sol. — in.	Snow Depth — in.	Observer PAK	Vis. 25 mi.	Vis. mi. 0.5 mi.	

$$\bar{T} = 62$$

$$HDD = 3$$

$$CDD = 0$$

$$\sum HDD = 4$$

$$\sum CDD = 15$$

$$\sum PCN_L = 0.21$$

$$T_{davis} = 58/52$$

$$T_{uvr} = 57/46$$

$$T_w = 54$$

$$T_o = 51$$

$$PCN_{T3} = 0.00$$

$$\sum PCN_{T3} = 0.30$$

Wednesday, June 5, 2002
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	78 °F	Dir.	5	Temp.	* Overnight Low 67°		
Min.	58 °F	Vel.	0 m.p.h.	Read.	19:40 - 20:20 LST +TSRA FAT LG		
Set	68 °F	Char.	calm	Corr.	22:00 - 23:30 LST -TSRA		
R.H.	84 %	24 hr. Mov.	— mi.	Sea L.	0700	1300	1900
Ppn.	2.36 in.	Prev. Dir.	—	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	8/10 St	7/10 Sc	10/10 St
					Wx	Wx	Wx
					-HZ	-HZ	Breezy
					Vis.	Vis.	Vis.
					3 mi.	9 mi.	7 mi.

$$T = 68$$

$$HDD = 0$$

$$CDD = 3$$

$$\Sigma HDD = 4$$

$$\Sigma CDD = 18$$

$$\Sigma PCN_L = 2.57$$

$$T_{DAVIS} = 67/67$$

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

$$T_w = 65^\circ$$

$$T_D = 63^\circ$$

$$PCN_{TB} = 1.60$$

$$\Sigma PCN_{TB} = 1.90$$

Tuesday June 6 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. WSW	Temp. 76 °F	Read. 28.73 in.	-SHRA 2115-2125 (LST) RA 2137-2200 (LST) -RA 2205-145 (LST) -RA 255-545 (LST)		
Min. 66 °F	Vel. 2 m.p.h.	Set 66 °F				
Char. Calm	Corr. 28.60 in.	0700				
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 29.91 in.	Clds. $\frac{10}{10}$ st	Clds. $\frac{10}{10}$ st	Clds. $\frac{10}{10}$ st	
Ppn. Liq. 0.43 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Fg	Wx +RA	Wx Fg	
Ppn. Sol. — in.	Snow Depth — in.	Observer RSM	Vis. 5 mi.	Vis. 5 m.	Vis. 5 mi.	

$$\bar{T} = 76$$

$$HDD = 0$$

$$CDD = 11$$

$$E HDD = 4$$

$$E CDD = 29$$

$$E PCN_1 = 3.00$$

$$T_{DAYS} = 66/66$$

$$T_{UNV} = 64/64$$

$$T_v = 66$$

$$T_0 = 61$$

$$PCN_{F8} = 0.40$$

$$E PCN_{F8} = 2.30$$

Friday, June 7, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. N	Temp. 73 °F	RA 0800-1130 +RA 1130-1420 RA 1420-1550 -RA 1550-1730		
Min.	52 °F	Vel. 2 m.p.h.	Read. 28.97 in.			
Set	53 °F	Char. light	Corr. 28.84 in.	0700	1300	1900
R.H.	86 %	24 hr. Mov. - mi.	Sea L. 30.20 in.	Clds. StCu 2/10	Clds. Cu 4/10 Cu	Clds. Cu 1/10
Ppn.	1.46 in.	Prev. Dir. -	3 hr. Tend. +2 mb	Wx Fg, Cool	Wx Cool & Dry	Wx light wind
Ppn.	0.0 in.	Snow Depth 0 in.	Observer DRH	Vis. 5 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 60

HOD: 5

CDD: 0

Σ HOD: 9

Σ CDD: 29

Σ PCNL: 4.46

T DAYS: 54/53

T UNV: 54/52

T_w: 51

T₀: 49

PCNTB: 1.45

Σ PCNTB: 3.75

Saturday, June 8, 2002

0700 EST

Meteorological Observatory,
University Park, PA

General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	—	Temp.	72 °F			
Min.	53 °F	Vel.	0 m.p.h.	Read.	29.08 in.			
Set	57 °F	Char.	Calm	Corr.	28.96 in.	0700	1300	1900
R.H.	87 %	24 hr. Mov.	M mi.	Sea L.	30.31 in.	Clds.	Clds.	Clds.
Ppn.	0.00 in.	Prev. Dir.	M	3 hr. Tend.	+1 mb	Wx Valley fog	Wx	Wx Gentle breeze
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	JEP	Vis.	Vis.	Vis.
						18 mi.		20 mi.

1.03
HDD: 2
CDD: 0
 Σ HDD: 11
 Σ CDD: 29
 Σ PCNL: 4.46

T DAVIS: 58/54
T UNV: 55/53

Tw: 55
Td: 53

PCNTB: 0.00
 Σ PCNTB: 3.75

Sunday, June 9, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	76 °F	Dir.	—	Temp.			
				72 °F			
Min.	57 °F	Vel.	— m.p.h.	Read.			
				28.98 in.			
Set	60 °F	Char.	Calm	Corr.	0700	1300	1900
				28.86 in.			
R.H.	90 %	24 hr. Mov.	M mi.	Sea L.	Clds. 9/10	Clds.	Clds. 0, 6
				30.20 in.	St, Al, Cu		9/10
Ppn.	0.00 in.	Prev. Dir.	M	3 hr. Tend.	Wx	Wx	Wx
				140 mb	Haze		H2
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				JEP	5 mi.	mi.	5 mi.

T: 61
HDD: 0
CDD: 2
 Σ HDD: 11
 Σ CDD: 31
 Σ PCNL: 4.46

T_{DAYS}: 60/58
T_{UNV}: 59/55

T_w: 58
T_d: 57

PCN_{TB}: 0.00
 Σ PCN_{TB}: 3.75

MONDAY JUNE 10

2002
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. -		Temp. 74 °F	MOUNT LOW 63		
Min. 60 °F	Vel. - m.p.h.		Read. 29.00 in.			
Set 65 °F	Char. CALM		Corr. 28.88 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. - mi.		Sea L. 30.20 in.	Clds. Ci 9/10	Clds. Ci 8/10	Clds. Ci 8/10
Ppn. 0.00 in.	Liq.	Prev. Dir. -	3 hr. Tend. +1.5 mb	Wx HZ	Wx HZ	Wx HZ
Ppn. - in.	Sol.	Snow Depth - in.	Observer YMM	Vis. 4 mi.	Vis. 6 mi.	Vis. 5 mi.

$\bar{T} = 72$

$NDD = 0$

$CDD = 7$

$\Sigma HDD = 11$

$\Sigma CDD = 38$

$\Sigma PCN_2 = 4.46$

$T_{DAVIS} = 67/63$

$T_{LINV} = 64/61$

$TW = 69$

$TD = 60$

$\Sigma PCN_{7B} = 0.00$

$\Sigma PCN_{7D} = 3.75$

TUESDAY JUNE 11 2002 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. -	Temp. 74 °F	* OVERNIGHT LOW = 68			
Min. 65 °F	Vel. - m.p.h.	Read. 29.88 in.				
Set 69 °F	Char. CALM	Corr. 29.76 in.	0700	1300	1900	
R.H. 97 %	24 hr. Mov. - mi.	Sea L. 30.07 in.	Clds. Ci 2/10	Clds. Ci, Ca 6/10	Clds. 2/10 St	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. STEADY mb	Wx THICK HZ	Wx HZ	Wx -HZ	
Ppn. Sol. - in.	Snow Depth - in.	Observer HAM	Vis. 3 mi.	Vis. 7 mi.	Vis. 6 mi.	

$\bar{T} = 76$

$NDD = 0$

$CDD = 11$

$\Sigma HDD = 11$

$\Sigma CDD = 49$

$\Sigma PCNL = 4.46$

$T_{DAVIS} = 69/68$

$T_{UNV} = 68/64$

$T_w = 69$

$T_b = 68$

$PCNTB = 0.00$

$\Sigma PCNTB = 3.75$

Wednesday June 12, 2002
0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind	Barom.	*Overnight Low = 71 -SHRA 11:30 - 11:40 LST		
Max.	85 °F	Dir. SW	Temp. 75 °F			
Min.	68* °F	Vel. 4 m.p.h.	Read. 28.66 in.			
Set	75 °F	Char. Light	Corr. 28.53 in.	0700	1300	1900
R.H.	74 %	24 hr. Mov. — mi.	Sea L. 29.81 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. 9/10 St CU
Ppn.	0.04 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx HZ	Wx HZ	Wx HZ
Ppn.	— in.	Snow Depth — in.	Observer KRV	Vis. 5 mi.	Vis. 4 mi.	Vis. 15 mi.

T = 77
HDD = 0
CDD = 12
 Σ HDD = 11
 Σ CDD = 61
 Σ PCN_L = 4.50

$T_{\text{davis}} = 74/69$
 $T_{\text{unr}} = 73/66$

$T_w = 69^\circ$
 $T_b = 66^\circ$

PCN_{TB} = 0.00
 Σ PCN_{TB} = 3.75

Thursday June 13, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F	Dir. S	Temp. 74 °F	-SHRA 9:30-9:35 LST -SHRA 10:00-10:45 LST -SHRA 11:25-11:45 LST -SHRA 22:30-23:45 LST			
Min. 67 °F	Vel. 0 m.p.h.	Read. 28.65 in.				
Set 69 °F	Char. calm	Corr. 28.52 in.	0700	1300	1900	
R.H. 91 %	24 hr. Mov. — mi.	Sea L. 29.79 in.	Clds. 1/10 st	Clds. 10/10 st	Clds. 2/10 st	
Ppn. Liq. 0.15 in.	Prev. Dir. —	3 hr. Tend. — 0.0 mb	Wx -Fg H2	Wx -H2	Wx H2 + FG	
Ppn. Sol. — in.	Snow Depth — in.	Observer RJM	Vis. 10 mi.	Vis. 7 mi.	Vis. 5 mi.	

$$\bar{T} = 73$$

$$HDD = 0$$

$$CDD = 8$$

$$\Sigma HDD = 11$$

$$\Sigma CDD = 69$$

$$\Sigma PCN_L = 4.65$$

$$T_{0.95} = 69/66$$

$$T_{0.90} = 69/64$$

$$T_w = 67$$

$$T_D = 61$$

$$PCN_{T8} = 0.00$$

$$\Sigma PCN_{T8} = 3.75$$

Friday 14 June 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. ENE	Temp. 72 °F	2345-0600 - RA 0600-0730 + SHRA 0730 - 0800 - SHRA			
Min. 60 °F	Vel. 2 m.p.h.	Read. 28.55 in.				
Set 60 °F	Char. light	Corr. 28.42 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. - mi.	Sea L. 29.73 in.	Clds. St 10/10	Clds. 10/10 Sk	Clds. St 10/10	
Ppn. Liq. 0.44 in.	Prev. Dir. -	3 hr. Tend. - ± 0 mb	Wx -SHRA, Fg	Wx -HZ	Wx Fg	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DRH	Vis. 0.5 mi.	Vis. 6 mi.	Vis. 2 mi.	

$\bar{T}: 66$

HOD: 0

COD: 1

$\Sigma HOD: 11$

$\Sigma COD: 70$

$\Sigma PCNL: 5.09$

$T_{DAVIS}: 60/60$

TUNY.

$T_w: 60$

$T_o: 60$

$P_{CN_{TB}}: 0.36$

$\Sigma PCNL_o: 4.11$

Saturday, June 15, 2002 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. WNW	Temp. 70 °F	-SHRA 0800-0930LT SHRA 0930-1300LT SHRA 0200-0530LT TSRA 0530-0615LT -TSRA 0615-0630LT			
Min. 58 °F	Vel. 5 m.p.h.	Read. 28.52 in.	0700	1300	1900	
Set 59 °F	Char. light	Corr. 28.41 in.	Clds. 10/10 St, Sc, Cn	Clds.	Clds. 10/10 St, Sc	
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 29.72 in.	Wx Fog	Wx	Wx Fog	
Ppn. Liq. 0.93 in.	Prev. Dir. M	3 hr. Tend. ±0 mb	Vis. 3 mi.	Vis.	Vis. 5 mi.	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP				

\bar{T} : 61
HDD: 4
CDD: 0
 Σ HDD: 15
 Σ CDD: 70
 Σ PENL: 6.02

T_{DAVIS}: 52/58
T_{UNV}: 57/57

T_W: 59
T_D: 59

PEN_{TB}: 0.70
 Σ PEN_{TB}: 4.81

Sunday, June 16, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. SSW	Temp. 70 °F	SHRA 1330LT-1400LT -SHRA 1925LT-1935LT		
Min.	57 °F	Vel. 3 m.p.h.	Read. 28.56 in.			
Set	61 °F	Char. light	Corr. 28.44 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov. M mi.	Sea L. 29.75 in.	Clds. Ac, Sc, St 8110	Clds.	Clds. Sc 7/10
Ppn. Liq.	0.03 in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx Haze	Wx	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 18 mi.	Vis. mi.	Vis. 25 mi.

T: 63
HDD: 2
CDD: 0
 Σ HDD: 17
 Σ CDD: 70
 Σ PCNL: 6.05

T_{DAVIS}: 6/156 T_w: 59
T_{UNV}: 6/155 T_D: 58

PCNTB: 0.04
 Σ PCNTB: 4.85

MONDAY JUNE 17 2008
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. 270	Temp. 70 °F	- SHRA 455-500 LT noted on way to Walker Bldg.			
Min. 55 °F	Vel. 14 m.p.h.	Read. 28.76 in.				
Set 59 °F	Char. STEADY	Corr. 28.65 in.				
R.H. 78 %	24 hr. Mov. / mi.	Sea L. 29.98 in.	0700 Clds. Ci Cu 1/10	1300 Clds. Cu 5/10	1900 Clds. Cu 3/10 Cir	
Ppn. T in.	Liq. in.	Prev. Dir. /	3 hr. Tend. +1.5 mb	Wx Light Haze, Breezy	Wx Cool	
Ppn. - in.	Sol. in.	Snow Depth - in.	Observer J.M.M.	Vis. 22 mi.	Vis. 20 mi.	Vis. 20 mi.

$$\bar{T} = 63$$

$$HDD = 2$$

$$CDD = 0$$

$$\Sigma HDD = 19$$

$$\Sigma CDD = 70$$

$$\Sigma PCNL = 6.05$$

$$T_{DAVIS} = 59/55$$

$$T_{UNV} =$$

$$T_W = 55$$

$$T_D = 52$$

$$PCNTB = 0.00$$

$$\Sigma PCNTB = 4.85$$

Tuesday June 18, 2002 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. CALM	Temp. 71 °F		-SHRA 1600-1615 -SHRA 745-800		
Min. 52 °F	Vel. 0 m.p.h.	Read. 28.94 in.				
Set 53 °F	Char. —	Corr. 28.82 in.		0700	1300	1900
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. 5/10 AS	Clds.		Clds. 4/10 Cu
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +2 / mb	Wx Cool	Wx		Wx Warm
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAK	Vis. 25 mi.	Vis.		Vis. 17 mi.

$$\bar{T} = 64$$

$$HOD = 1$$

$$COD = 0$$

$$\Sigma HOD = 20$$

$$\Sigma COD = 70$$

$$\Sigma PCN_2 = 6.06$$

$$T_{davis} = 53/51$$

$$T_{univ} = 52/50$$

$$T_w = 61^\circ$$

$$T_o = 49^\circ$$

$$PCN_{73} = 0.00$$

$$\Sigma PCN_{73} = 4.85$$

Wednesday June 19, 2002
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. —	Temp. 72 °F	*Overnight low 54° -SHRA 08:40-08:50 LT			
Min. 53* °F	Vel. 0 m.p.h.	Read. 29.16 in.				
Set 59 °F	Char. Calm	Corr. 29.04 in.	0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. Clear	Clds. 3/10 Cu	Clds. 1/10 cu	
Ppn. T in.	Liq. —	Prev. Dir. —	3 hr. Tend. √+1.5 mb	Wx -H2	Wx Nice	
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer KRV	Vis. 5 mi.	Vis. 17 mi.	
					20 mi.	

$$F = 64$$

$$HDD = 1$$

$$CDD = 0$$

$$\Sigma HDD = 21$$

$$\Sigma CDD = 70$$

$$\Sigma PCN_L = 6.06$$

$$T_{DAVIS} = 61/57$$

$$T_{UNV} = 58/56$$

$$T_w = 55^\circ$$

$$T_D = 52^\circ$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 4.85$$

Thursday June 20, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. —	Temp. 72 °F	* overnight low 62°			
Min. 59* °F	Vel. 0 m.p.h.	Read. 29.25 in.				
Set 64 °F	Char. calm	Corr. 29.13 in.	0700	1300	1900	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	Clds. Clear	Clds. 8/10 CU	Clds. 1/10 CU	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 11.0 mb	Wx HZ	Wx -HZ	Wx -HZ	
Ppn. Sol. — in.	Snow Depth — in.	Observer RJM	Vis. 3 mi.	Vis. 8 mi.	Vis. 20 mi.	

$\bar{T} = 71$
HDD = 0
CDD = 6
EHDD = 21
ECDD = 76
 $\epsilon PCN_L = 6.06$

$T_{Dens} = 65/62$
 $T_{unv} =$

$T_w = 62$
 $T_D = 59$

$PCN_{T8} = 0$
 $\epsilon PCN_{T8} = 4.85$

Friday June 21, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. SE	Temp. 72 °F			
Min.	62 °F	Vel. 2 m.p.h.	Read. 29.30 in.			
Set	65 °F	Char. light	Corr. 29.17 in.			
R.H.	81 %	24 hr. Mov. — mi.	Sea L. 30.49 in.	0700 Clds. clear	1300 Clds. 2/10 CU	1900 Clds. 5/10 ci
Ppn.	Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx H ₂ O	Wx -H ₂	Wx -H ₂
Ppn.	Sol. 0.0 in.	Snow Depth — in.	Observer DRH	Vis. 5 mi.	Vis. 12 mi.	Vis. 16 mi.

$\bar{T}: 72$

H00: 0

C00: 7

$\Sigma H00: 21$

$\Sigma C00: 83$

$\Sigma PCNL: 6.06$

T_{DAVES}: 67/63

T_{UNV}: 63/61

T_w: 61

T_o: 59

PCN_{TB}: 0.00

$\Sigma PCN_{TB}: 4.85$

SATURDAY JUNE 22 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. CALM	Temp 73 °F			
Min.	59 °F	Vel. ~ m.p.h.	Read. 29.21 in.			
Set	62 °F	Char. ~	Corr. 29.09 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. - mi.	Sea L. 30.45 in.	Clds. C's/10	Clds.	Clds. C's 10/10
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. STEADY mb	Wx Haze	Wx	Wx Haze
Ppn. Sol.	- in.	Snow Depth - in.	Observer J.M.M.	Vis. 5 mi.	Vis. mi.	Vis. 6 mi.

$$\bar{T} = 73$$

$$ADD = 0$$

$$CDD = 8$$

$$\Sigma ADD = 21$$

$$\Sigma CDD = 91$$

$$\Sigma PCN_L = 6.06$$

$$T_{DAVIS} = 66/62$$

$$T_{UNV} = 69/60$$

$$TW = 57$$

$$TD = 54$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 4.85$$

SUNDAY JUNE 23 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. CALM	Temp. 72 °F	POINT LOW 67			
Min. 62 °F	Vel. - m.p.h.	Read. 29.11 in.				
Set 69 °F	Char. -	Corr. 28.99 in.	0700	1300	1900	
R.H. 73 %	24 hr. Mov. - mi.	Sea L. 30.31 in.	Clds. ci 1/10	Clds.	Clds. Clear 4/10	
Ppn. 0.00 in.	Liq. -	Prev. Dir. -	3 hr. Tend. +0.0 mb	Wx HZ	Wx HZ	
Ppn. - in.	Sol. -	Snow Depth - in.	Observer H.M.M.	Vis. 10 mi.	Vis. mi.	Vis. 6 mi.

$$\bar{T} = 74$$

$$MPO = 0$$

$$CPO = 9$$

$$\sum CPO = 21$$

$$\sum CPO = 104$$

$$\sum PCNL = 6.06$$

$$T_{DAVIS} = 70/63$$

$$T_{UNV} = 68/63$$

$$TA = 63$$

$$TD = 60$$

$$PCNTB = 0.00$$

$$\sum PCNTB = 4.85$$

MONDAY JUNE 24 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	89 °F		Dir.	W		Temp	74 °F				
Min.	69 °F		Vel.	5 m.p.h.		Read.	29.02 in.				
Set	72 °F		Char.	STEADY		Corr.	28.98 in.	0700	1300	1900	
R.H.	73 %		24 hr. Mov.	- mi.		Sea L.	30.20 in.	Clds. 1/10 Ci	Clds. 4/10 Ca Ci	Clds. 10/10 St	
Ppn. Liq.	0.00 in.		Prev. Dir.	-		3 hr. Tend.	STEADY mb	Wx Haze	Wx H2	Wx H2	
Ppn. Sol.	- in.		Snow Depth	- in.		Observer	JKM	Vis. 5 mi.	Vis. 8 mi.	Vis. 4 mi.	

$\bar{T} = 79$

$HDD = 0$

$CDD = 14$

$\Sigma HDD = 21$

$\Sigma CDD = 115$

$\Sigma PCNL = 6.06$

$T_{DAVIS} = 72/66$

$T_{WV} =$

$T_w = 66$

$T_D = 63$

$PCNTP = 0.00$

$\Sigma PCNTP = 4.85$

Tuesday, June 29, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 89 °F	Dir. CALM	Temp 74 °F	-TSRA 1830-1930			
Min. 66 °F	Vel. 0 m.p.h.	Read. 28.99 in.				
Set 68 °F	Char. -	Corr. 28.86 in.	0700	1300	1900	
R.H. 87 %	24 hr. Mov. - mi.	Sea L. 30.17 in.	Clds. 1/10 cir	Clds. 3/10 Cu	Clds.	
Ppn. Liq. 0.06 in.	Prev. Dir. -	3 hr. Tend. - 0 mb	Wx Hz +	Wx + Hz	Wx	
Ppn. Sol. - in.	Snow Depth - in.	Observer PAK	Vis. 2 mi.	Vis. 5 mi.	Vis. mi.	

$$\begin{aligned}\bar{T} &= 78 \\ HDD &= 0 \\ COD &= 13 \\ \Sigma HDD &= 21 \\ \Sigma COD &= 127 \\ \Sigma PCN_L &= 6.12'\end{aligned}$$

$$\begin{aligned}\bar{T}_{Oasis} &= 68/68 \\ T_{min} &= 64/64\end{aligned}$$

$$\begin{aligned}T_w &= 66^\circ \\ \bar{T}_D &= 64^\circ\end{aligned}$$

$$\begin{aligned}PCN_{T3} &= -0.01 \\ \Sigma PCN_{T3} &= 4.86\end{aligned}$$

Wednesday, June 26, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 88 °F	Dir. CALM	Temp 73 °F	* Overnight low 70°			
Min. 68* °F	Vel. 0 m.p.h.	Read. 28.90 in.				
Set 73 °F	Char. -	Corr. 28.77 in.	0700	1300	1900	
R.H. 87 %	24 hr. Mov. - mi.	Sea L. 30.09 in.	Clds. 1/10 Cir	Clds. Ac 8/10 Ci	Clds. 8/10 cu	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. -0 mb	Wx -FG	Wx +H2	Wx H2	
Ppn. Sol. - in.	Snow Depth - in.	Observer RAK	Vis. 2 mi.	Vis. 4 mi.	Vis. 5 mi.	

$$\bar{T} = 78^\circ$$

$$HOD = 0$$

$$COD = 13$$

$$\Sigma HOD = 21$$

$$\Sigma COD = 140$$

$$\Sigma PCN_L = 6.12$$

$$T_{davis} = 72/71$$

$$T_{unv} = 72/69$$

$$T_w = 70^\circ$$

$$T_D = 69^\circ$$

$$PCN_{TS} = 0.00$$

$$\Sigma PCN_{TS} = 4.86$$

Thursday June 27, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. SW	Temp 72 °F	* overnight low 74 Record Max Low Temp old temp 72 in 2000			
Min. 73* °F	Vel. 4 m.p.h.	Read. 28.79 in.				
Set 76 °F	Char. Variable	Corr. 28.67 in.				
R.H. 87 %	24 hr. Mov. - mi.	Sea L. 29.95 in.	0700	1300	1900	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. +0.5 mb	Clds. 8/10 cu	Clds. St 9/10 cu	Clds.	
Ppn. Sol. - in.	Snow Depth - in.	Observer RJM	Wx +Hz	Wx Hz	Wx	
			Vis. 4 mi.	Vis. 15 mi.	Vis. mi.	

$T = 80$
 $HDD = 0$
 $CDD = 15$
 $\Sigma HDD = 21$
 $\Sigma CDD = 155$
 $\Sigma PCN_1 = 6.12$

$T_{Davis} = 75/71$
 $T_{unv} = 73/68$

$T_w = 71$
 $T_D = 62$

$\Sigma PCN_{18} = 0.00$

$\Sigma PCN_{18} = 4.86$

Friday June 28 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F		Dir. WSW	Temp 70 °F	1530-1600 +TSRA		
Min. 66 °F		Vel. 1 m.p.h.	Read. 28.73 in.	1600-2015 - RA		
Set 67 °F		Char. light	Corr. 28.61 in.	GR pea-size around 1545 * Record Precip Old: 1.19"		
				0700	1300	1900
R.H. 90 %		24 hr. Mov. - mi.	Sea L. 29.91 in.	Clds. St 10/10	Clds.	Clds. 2/10 Cu, Sc, Ac
Ppn. liq. 1.65 in.		Prev. Dir. -	3 hr. Tend. +1 mb	Wx overcast	Wx	Wx HZ
Ppn. Sol. T in.		Snow Depth - in.	Observer DRH	Vis. 5 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}: 75$

$T_{DAYS}: 67/66$

$T_w: 65$

$HDD: 0$

$T_{WV}: 66/64$

$T_o: 64$

$CDD: 10$

$\Sigma HDD: 21$

$\Sigma CDD: 165$

$\Sigma PCN_L: 7.77$

$PCN_{T_0}: 1.47$

$\Sigma PCN_{T_0}: 6.33$

Saturday, June 29, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. —	Temp 69 °F			
Min.	61 °F	Vel. 0 m.p.h.	Read. 29.00 in.			
Set	63 °F	Char. Calm	Corr. 28.89 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov. M mi.	Sea L. 30.22 in.	Clds. Ci, Sc 3110	Clds.	Clds. Ci 1110
Ppn. Liq.	0.00 in.	Prev. Dir. M	3 hr. Tend. +2 mb	Wx HZ, Valley Fog	Wx	Wx HZ
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 5 mi.	Vis. mi.	Vis. 18 mi.

$\bar{T}: 71$

HDD: 0

CDD: 6

Σ HDD: 21

Σ CDD: 171

Σ PCN_L: 7.77

T_{DAVIS}: 63/62

T_{UNV}: 61/60

T_W: 61

T_D: 60

PCNTB: 0.00

Σ PCNTB: 6.33

Sunday, June 30, 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir.	Temp			
		—	68 °F			
Min.	62 °F	Vel.	Read.			
		0 m.p.h.	29.04 in.			
Set	65 °F	Char.	Corr.	0700	1300	1900
		CalM	28.93 in.			
R.H.	90 %	24 hr. Mov.	Sea L.	Clds. Ci	Clds.	Clds. Ci
		M mi.	30.25 in.	110		110
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx Fg, H2	Wx	Wx Light H2
		M	11 mb			
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		0 in.	JEP	3 mi.	mi.	18 mi.

\bar{T} : 72
HDD: 0
CDD: 7
 Σ HDD: 21
 Σ CDD: 178
 Σ PCNL: 7.77

T_{DAVIS} : 67/63
 T_{UNV} : 64/62

T_W : 63
 T_D : 62

JUNE TEMPS

\bar{T}_{max} = 79.2 °F
 \bar{T}_{min} = 60.6
 \bar{T}_{JUNE} = 69.90

PCNTB: 0.00
 Σ PCNTB: 6.33