

Tuesday May 1, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F	Dir. -	Temp 77 °F	0600-0730 LT: OCLL - SHRA			
Min. 50 °F	Vel. 0 m.p.h.	Read. 28.89 in.				
Set 51 °F	Char. Calm	Corr. 28.75 in.	0700	1300	1900	
R.H. 61 %	24 hr. Mov. - mi.	Sea L. 30.16 in.	Clds. 10/10 St.	Clds. Cs 8 Sc	Clds. 1/10 CN	
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. +1.7 mb	Wx Overcast	Wx Partly Sunny	Wx TSRA +TSRA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 23 mi.	

$$\bar{T} = 62$$

$$HDD = 3$$

$$\sum HDD = 3$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$T_{DAVIS} = 51/41$$

$$T_{UNV} = 50/41$$

$$T_W = 46^\circ$$

$$T_0 = 39^\circ$$

$$\sum PCN_L = T$$

$$\sum PCN_S = 0.0''$$

$$PCN_{62} = T$$

$$\sum PCN_{62} = T$$

Wednesday, 2 May 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. N	Temp 78 °F	1742 LT - 2241 LT Occl. +TSRA, TSRA		
Min. *	51 °F	Vel. 2 m.p.h.	Read. 28.78 in.	2301 - 0001 LT: RA 0001 - 0101 LT: -RA		
Set	60 °F	Char. Steady	Corr. 28.64 in.	* overnight low: 53		
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. HZ 7/10 SC CU	Clds.	Clds. Ac 3/10 CI
Ppn. Liq.	0.69" in.	Prev. Dir. —	3 hr. Tend. +1.7 mb	Wx m. Cloudy	Wx	Wx Mostly Sunny
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 23 mi.	Vis. mi.	Vis. 25 mi.

\bar{T} : 64

HDD: 1

Σ HDD: 4

CDD: 0

Σ CDD: 0

Σ PCN₂: 0.69

Σ PCN₅: 0.0''

T_{DAVIS}: 61/57

T_{UNV}: 59/52

T_w: 55°

T_o: 52

Cont. Obs.

0122-0141: +RA

0141-0201: RA

RN ϵ_2 : 0.69''

Σ PCN₂: 0.69''

Thursday May 3, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. NE	Temp 76 °F			
Min.	45 °F	Vel. 3 m.p.h.	Read. 29.25 in.			
Set	47 °F	Char. Light	Corr. 29.13 in.	0700	1300	1900
R.H.	71 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. As 3 10 Ci	Clds.	Clds. Ci 2 10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +3 mb	Wx Sunny	Wx	Wx Sunny
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 57$$

$$N_{DD} = 8$$

$$C_{DD} = 0$$

$$\sum H_{DD} = 12$$

$$\sum C_{DD} = 0$$

$$\epsilon_{PLM} = 0.69''$$

$$T_{Doris} = 48/36$$

$$T_{WV} = 45/37$$

$$G_{ang} = 0.0$$

$$\epsilon_{Gang} = 0.69''$$

Friday May 4, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. NE	Temp 77 °F				
Min. 43 °F	Vel. 3 m.p.h.	Read. 29.28 in.				
Set 46 °F	Char. Light	Corr. 29.06 in.				
			0700	1300	1900	
R.H. 46 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. Ci 2 Contrails 10	Clds.	Clds. 0/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ✓ +2 mb	Wx Sunny	Wx	Wx Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 57$$

$$H00 = 8$$

$$C00 = 0$$

$$\Sigma H00 = 20$$

$$\Sigma C00 = 0$$

$$\Sigma PCN_L = 0.69''$$

$$T_{Davis} = 50/29$$

$$T_{UVV} = 46/28$$

$$G_{avg} = 0.00''$$

$$\Sigma G_{avg} = 0.69''$$

Saturday May 05, 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 78 °F				
Min. 46 ⁺ °F	Vel. 0 m.p.h.	Read. 29.07 in.				
Set 49 °F	Char. Calm	Corr. 26.93 in.	± overnight low = 47			
			0700	1300	1900	
R.H. 54 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. 9/10	Clds.	Clds. Co 6/10 ci	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -±0.0 mb	Wx clear	Wx	Wx P. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer GSP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 58$$

$$HDD = 7$$

$$CDD = 0$$

$$\Sigma HDD = 27$$

$$\Sigma CDD = 0$$

$$\Sigma POND = 0.69''$$

$$T_{DAVIS} = 51.5/32$$

$$T_{UNV} = 50/34$$

$$T_W = 42$$

$$T_D = 33$$

$$GZ = 0.00''$$

$$\Sigma GZ = 0.69''$$

Sunday May 6, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F		Dir. NE	Temp 77 °F			
Min. 42 °F		Vel. 5 m.p.h.	Read. 29.23 in.			
Set 46 °F		Char. Variable	Corr. 29.09 in.	0700	1300	1900
R.H. 36 %		24 hr. Mov. — mi.	Sea L. 30.47 in.	Clds. 0/10	Clds.	Clds. 0/10 —
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. + 2 mb	Wx Clear	Wx	Wx Blue skies
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 58$$

$$HDD = 7$$

$$\Sigma HDD = 34$$

$$CDD = 0$$

$$\Sigma CDD = 0$$

$$\Sigma PCN_L = 0.69''$$

$$T_{DAVIS} = 46/20$$

$$T_{UNV} = 45/21$$

$$T_W = 38^\circ$$

$$T_D = 21^\circ$$

$$G_2 = 0.00''$$

$$\Sigma G_2 = 0.69''$$

Monday, 7 May, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. NE	Temp 76.5 °F			
Min.	40 °F	Vel. 3 m.p.h.	Read. 29.29 in.			
Set	45 °F	Char. light	Corr. 29.16 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov. — mi.	Sea L. 30.57 in.	Clds. 3/10 Ci	Clds. 3/10-Ci	Clds. 0/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Bright underv. thin cirrus	Wx A-OK	Wx Clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 51^\circ$$

$$\text{HDD} = 14$$

$$\Sigma \text{HDD} = 48$$

$$\Sigma \text{CDD} = 0$$

$$\Sigma \text{PCN}_L = 0.69''$$

$$\Sigma \text{PCN}_S = 0.0$$

$$T_{\text{DAVIS}} = 47^\circ / 33.5^\circ$$

$$T_{\text{UNY}} = 45^\circ / 36^\circ$$

$$T_{\text{KPSU}} = 45^\circ / \text{M}$$

$$T_w = 40^\circ$$

$$T_b = 33.5^\circ$$

$$\text{PCN}_{0.2} = 0.00''$$

$$\Sigma \text{PCN}_{0.2} = 0.69''$$

Tuesday May 8, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	71 °F	Dir.	SSE	Temp	78 °F	Overnight Low = 48°					
Min.	45 °F	Vel.	2 m.p.h.	Read.	29.91 in.						
Set	52 °F	Char.	Light	Corr.	29.77 in.						
R.H.	63 %	24 hr. Mov.	— mi.	Sea L.	31.13 in.	Clds.	10	Clds. C	10	Clds. Ci	10 Ci
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	-.2 mb	Wx	Sunny	Wx	Sunny	Wx	Clear
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	JMZ	Vis.	25 mi.	Vis.	25 mi.	Vis.	25 mi.



$$\bar{T} = 58^\circ$$

$$HDD = 7$$

$$\Sigma HDD = 55$$

$$\Sigma PCN_c = 0.69''$$

$$\Sigma PCN_s = 0.0''$$

$$T_{DAVIS} = 55^\circ/35^\circ$$

$$T_{UNV} = 52^\circ/39^\circ$$

$$T_w =$$

$$T_o = 40^\circ$$

$$PCN_{62} = 0.00''$$

$$\Sigma PCN_{62} = 0.69''$$

T: 66

HDD: 0

Σ HDD: 55

CDD: 1

Σ CDD: 1

Σ PCN_L: 0.69

Σ PCN_S: 0.0"

TOAULS: 61/52

TUNV: 55/46

TW: 55

TO: 52

PCN₆₂: 0.00"

Σ PCN₆₂: 0.69"

Thursday May 10, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F		Dir. SW	Temp 75 °F	-RA 0620-089		
Min. 59 °F		Vel. 2 m.p.h.	Read. 29.26 in.			
Set 65 °F		Char. Light	Corr. 29.04 in.	8VNT low = 64		
R.H. 98 %		24 hr. Mov. — mi.	Sea L. 30.25 in.	0700 Clds. As 10 Ns 10	1300 Clds.	1900 Clds. As 10 St
Ppn. Liq. 0.06 in.		Prev. Dir. —	3 hr. Tend. ~ 21 mb	Wx Light Rain	Wx	Wx Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Vis. mi.	Vis. ~ 20 mi.

$$T = 72$$

$$HDD = 0$$

$$CDD = 7$$

$$\Sigma HDD = 55$$

$$CDD = 8$$

$$EPCW_c = 0.75''$$

$$T_{Oasis} = 64/63$$

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

$$G_{unget} = 0.06''$$

$$\Sigma G_{unget} = 0.75''$$

Saturday May 12, 2007
0700 EST

Meteorological Observatory
Univeristy Park, PA

CAT'S LAST DAY!

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. NNE	Temp 80 °F			
Min.	59 °F	Vel. 6 m.p.h.	Read. 29.93 in.			
Set	61 °F	Char. Breezy	Corr. 29.78 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. Ci 6/10 Ac	Clds.	Clds. 9/10 St Cu 1/10 Cn
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Catapults M. Cloudy	Wx	Wx m. cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer GJP	Vis. 25 mi.	Vis. mi.	Vis. ~20 mi.

$\bar{T} = 71$
 $HDD = 0$
 $CDD = 6$
 $\Sigma HDD = \del{15}$
 $\Sigma HDD = 22$
 $\Sigma PCN_L = 1.03''$

$\bar{T}_{DAVES} = 62/57$
 $\bar{T}_{UNV} = 61/57$

$\bar{T}_W = 59$
 $\bar{T}_D = 57.5$

$ELZ: 0.00''$
 $\Sigma ELZ: 1.03''$

Friday May 11, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F	Dir. —	Temp 77 °F	-RA 1342-1741			
Min. 62 °F	Vel. 0 m.p.h.	Read. 29.03 in.				
Set 63 °F	Char. Calm	Corr. 29.91 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. CF 7/10 CS	Clds.	Clds. AS 8/10 SC	
Ppn. Liq. 0.28 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Sunny	Wx	Wx M. clouds	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. ~20 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T} = 73$
 $HDD = 0$
 $CDD = 8$
 $\Sigma HDD = 55$
 $\Sigma CDD = 16$
 $\Sigma PCW = 1.03''$

$T_{Davis} = 59/58$
 $T_{WV} = 59/59$

$\sigma_{avg} = 0.28''$
 $\Sigma \sigma_{avg} = 1.03''$

Sunday 13, May 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	TSRA 2:00pm - 3:00pm (1400 - 1500 LT) -RA 20:02LT - 20:22LT			
73 °F	NE	77 °F				
Min.	Vel.	Read.				
44 °F	4 m.p.h.	29.08 in.				
Set	Char.	Corr.	0700	1300	1900	
46 °F	Steady	28.84 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
58 %	— mi.	30.21 in.	1/10		1/10 Ci	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.06 in.	—	71.3 mb	Clear		Mostly Sunny	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	ADB	25 mi.		25 mi.	

$\bar{F} = 59$

HDD: 6

Σ HDD: 61

COD: 0

Σ COD: 22

Σ PCN_L: 1.09"

Σ PCN_S: 0.0"

T_{DAVIS}: 47/32

T_{UNV}: 46/28

T_w: 40

T_d: 32

PCN_{O₂}: 0.06"

Σ PCN_{O₂}: 1.09"

Monday 14 May 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
67 °F	E	77 °F				
Min.	Vel.	Read.				
40 °F	0 m.p.h.	29.17 in.				
Set	Char.	Corr.				
45 °F	Calm	29.03 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
71 %	— mi.	30.42 in.	1/10 Ci	9/10 Cu SE	5/10 As SE	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+0.5 mb	m. clear	Overcast	P. Cloudy	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	ADB	25 mi.	25 mi.	25 mi.	

T: 54

HDD: 11

ΣHDD: 72

CDD: 0

ΣCDD: 22

ΣPCN_L: 1.09"

ΣPCN_S: 0.0"

T_{DAVIS}: 46/32

T_{unv}: 43/34

T_w: 41

T_o: 36

PCN₆₂: 0.00

ΣPCN₆₂: 1.09"

Tuesday 15 May 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. WSW	Temp 74 °F			
Min. *	45 °F	Vel. 12 m.p.h.	Read. 28.88 in.			
Set	61 °F	Char. Steady	Corr. 28.75 in.	* Overnight low: 51		
R.H.	70 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	0700 Clds. 2/10 Ci	1300 Clds. 0/10	1900 Clds. 1/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx m. Sunny haze	Wx Sunny Haze	Wx Sunny Haze
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AOB	Vis. 18 mi.	Vis. 16 mi.	Vis. 15 mi.

T: 56

HDD: 9

ΣHDD: 81

CDD: 0

ΣCDD: 22

ÉPCNL: 1.09"

ΣPCNL_s: 0.0"

TDAVIS: 62/51

Tunv: 57/48

Tw: 55

Td: 51

PCNL_o: 0.00

ΣPCNL_o: 1.09"

Wednesday, 16 May 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. SW	Temp 73 °F	0750 LT -SHRA Obs			
Min. 61 °F	Vel. 4 m.p.h.	Read. 28.59 in.				
Set 69 °F	Char. Steady	Corr. 29.80 in.	*overnight low: 69			
			0700	1300	1900	
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 29.78 in.	Clds. 10/10 Ns	Clds. 10/10 Ns	Clds. 6/10 Cu	
Ppn. Liq. Trace in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx -SHRA	Wx -SHRA	Wx P. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLT	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.	

$\bar{T}: 74$

HDD: 0

Σ HDD: 81

CDD: 9

Σ CDD: 31

Σ PCN_L: 1.09"

Σ PCN_s: 0.0"

$T_{\text{Davis}}: 68/60$

$T_{\text{UVV}}: 66/57$

$T_w: 62$

$T_a: 57$

PCN_s: True

Σ PCN_s: 1.09"

Thursday, 17 May 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. WNW	Temp 74 °F	1045-1425 LT: -SHRA, OCCL + SHRA, SHRA			
Min. 45 °F	Vel. 6 m.p.h.	Read. 28.93 in.				
Set 47 °F	Char. Variable	Corr. 28.79 in.	0700	1300	1900	
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. Cu 2/10	Clds. Cu 8/10 Sc	Clds. 5/10	
Ppn. Liq. 0.22 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx mostly SUNNY	Wx M. Cloudy	Wx P. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 58$$

$$HDD : 7$$

$$\Sigma HDD : 88$$

$$CDD : 0$$

$$\Sigma CDD : 31$$

$$\Sigma PCN_6 = 1.31''$$

$$\Sigma PCN_5 = 0.0''$$

$$T_{DAVIS} = 47/42$$

$$T_{UNV} = 48/43$$

$$T_W = 46^\circ$$

$$T_D = 40^\circ$$

$$PCN_{62} : 0.22''$$

$$\Sigma PCN_{62} : 1.31''$$

Friday 18 May 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	61 °F	Dir. NNE	Temp 73 °F			
Min.	44 °F	Vel. 3 m.p.h.	Read. 28.98 in.			
Set	46 °F	Char. Steady	Corr. 28.85 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. 8/10 St Sc	Clds. 8/10 Sc Cu	Clds. 4/10 As Sc St Ci
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +0.4 mb	Wx M. Cloudy	Wx M. Cloudy	Wx P. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} : 53

HDD: 12

Σ HDD: 100

CDD: 0

Σ CDD: 31

Σ PCN_L: 1.31"

Σ PCN_S: 0.0"

T DAVIS: 46/41

T unv: 45/39

T_w: 43

T_d: 40

PCN₆₂: 0.00"

Σ PCN₆₂: 1.31"

Saturday 19 May 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	63 °F	Dir.	WSW	Temp	72 °F			
Min.	41 °F	Vel.	2 m.p.h.	Read.	28.97 in.			
Set	49 °F	Char.	Steady	Corr.	28.84 in.	0700	1300	1900
R.H.	61 %	24 hr. Mov.	— mi.	Sea L.	30.20 in.	Clds.	Clds.	Clds.
Ppn.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	+0.2 mb	Wx	Wx	Wx
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	ADB	Vis.	Vis.	Vis.
						25 mi.	mi.	25 mi.

5/10 Cu
P. Cloudy

F: 52
HDD: 13
ΣHDD: 113
COD: 0
ΣCOD: 31
εPCN₆: 1.31"
εPCN₅: 0.0"

T_{DAVIS}: 49/38
T_{unv}: 50/37

T_w: 43
T_d: 36

PCN_{σ₃}: 0.00"
εPCN_{σ₂}: 1.31"

Sunday, 20 May 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. W	Temp 72 °F	0500-0545 LT: -SHRA			
Min. 49* °F	Vel. 2 m.p.h.	Read. 28.80 in.	* Overnight Low = 54°			
Set 54 °F	Char. Light	Corr. 28.67 in.	0700	1300	1900	
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. St 10/10 Ns	Clds.	Clds. Cu 7/10 Cumulus	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. -0.2 mb	Wx Overcast	Wx	Wx M. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.	

$$\bar{T} = 60$$

$$HDD = 5$$

$$\Sigma HDD = 118$$

$$CDD = 0$$

$$\Sigma CDD = 31$$

$$\Sigma PCN_5 = 0.00''$$

$$\Sigma PCN_L = 1.36''$$

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

$$T_{UNV} = 54/50$$

$$T_w = 52^\circ$$

$$T_D = 50^\circ$$

$$PCN_{62} = 0.05''$$

$$\Sigma PCN_{62} = 1.36''$$

Monday, 21 May 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	74 °F	Dir.	N	Temp	1520-1540 LT: - SHRA		
				72 °F			
Min.	49 °F	Vel.	7 m.p.h.	Read.			
				29.00 in.			
Set	51 °F	Char.	Variable	Corr.			
				28.87 in.			
					0700	1300	1900
R.H.	68 %	24 hr. Mov.	— mi.	Sea L.	Clds.	Clds.	Clds.
				30.23 in.	1/10 cu	6/10 Ac Cu	3/10 Cu Contant
Ppn. Liq.	0.01 in.	Prev. Dir.	—	3 hr. Tend.	Wx	Wx	Wx
				+2 mb	M. Sunny	P. Cloudy	ACloudy
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				JMZ	25 mi.	25 mi.	25 mi.

$$\bar{T} = 62$$

$$MDD = 3$$

$$\Sigma MDD = 121$$

$$CDD = 0$$

$$\Sigma CDD = 31$$

$$\Sigma PCN_L = 1.37''$$

$$\Sigma PCN_S = 0.00''$$

$$T_{DAVIS} = 52/42$$

$$T_{UNV} = 52/41$$

$$T_W = 47^\circ$$

$$T_D = 41^\circ$$

$$PCN_{G2} : 0.01''$$

$$\Sigma PCN_{G2} : 1.37''$$

Tuesday 22 May, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	Dir.	Temp					
69 °F	ENE	73 °F					
Min.	Vel.	Read.					
46 °F	1 m.p.h.	29.14 in.					
Set	Char.	Corr.					
50 °F	Steady	29.01 in.	0700	1300	1900		
R.H.	24 hr. Mov.	Sea L.	Clds. ci	Clds. ci	Clds. ci		
74 %	— mi.	30.38 in.	1/10 Contrails	4/10 Contrail	5/10 Contrail		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
0.00 in.	—	+1.0 mb	m. Sunny	P. Cloudy	P. Cloudy		
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
0.0 in.	0 in.	ADB	25 mi.	25 mi.	25 mi.		

\bar{T} : 58

HDD: 7

Σ HDD: 128

CDD: 0

Σ CDD: 31

T Davis: 51/44

T unv: 50/41

Tw: 46

Td: 42

Σ PCN_L: 1.37"

Σ PCN_S: 0.00"

PCN_{Sj}: 0.00"

Σ PCN_{Sj}: 1.37"

Wednesday 23 May 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp			
76	°F	Calm	72 °F			
Min.		Vel.	Read.			
50	°F	0 m.p.h.	29.23 in.			
Set		Char.	Corr.	*overnight low: 51		
58	°F	Steady	29.11 in.			
R.H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
78	%	— mi.	30.43 in.	0/10	3/10	0/10
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0.00	in.	—	41.3 mb	Sunny	M. Sunny	Clear
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0.0	in.	0 in.	JCT	25 mi.	25 mi.	25 mi.

$\bar{T} = 63$

HDD: 2

Σ HDD: 130

CDD: 0

Σ CDD: 31

$T_{DAVIS} = 60/53$

$T_{UNV} = 57/54$

$T_w = 54$

$T_d = 51$

$\Sigma PCN_L = 1.37''$

$\Sigma PCN_b = 0.00''$

$PCN_{b_2} = 0.00''$

$\Sigma PCN_{b_2} = 1.37''$

Thursday, 24 May 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. WSW	Temp 72 °F	* Overnight Low = 60°		
Min.	58+ °F	Vel. 1 m.p.h.	Read. 29.27 in.			
Set	63 °F	Char. Light	Corr. 29.14 in.			
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	Clds. 1/10	Clds. 4/10 Cu Cc	Clds.
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. — + 0 mb	Wx Sunny	Wx P. Cloudy	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 20 mi.	Vis. 16 mi.	Vis. mi.

$$\bar{T} = 70$$

$$HDD = 0$$

$$\sum HDD = 130$$

$$CDD = 5$$

$$\sum HDD = 36$$

$$T_{DAVIS} = 63/57$$

$$T_{UNV} = 63/57$$

$$T_W = 59^\circ$$

$$T_D = 55^\circ$$

$$\sum PCN_L = 1.37''$$

$$\sum PCN_S = 0.00$$

$$PCN_{GZ} : 0.00''$$

$$\sum PCN_{GZ} : 1.37''$$

Friday, 25 May 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	Dir.	Temp					
85 °F	ESE	73 °F					
Min.	Vel.	Read.					
62 °F	0 m.p.h.	29.13 in.					
Set	Char.	Corr.	0700	1300	1900		
65 °F	Calm	29.00 in.					
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.		
84 %	— mi.	30.33 in.	0/10	7/10 Cu	6/10 Cb		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx Clear	Wx	Wx		
0.00 in.	—	+0.5 mb	Hazy	Hazy	Thunderstorm in Vicinity		
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
0.0 in.	0 in.	ADB	~14 mi.	~15 mi.	22 mi.		

T: 74
HDD: 0
EHDD: 130
CDD: 9
ECDD: 45

T Davis: 65/61
T unu: 63/61

Tw: 62
Td: 60

PCN_L: 1.37"
PCN_S: 0.0"

PCN_S: 0.00"
PCN_L: 1.37"
~~PCN_L: 0.00"~~

Saturday, 26 May 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. WNW	Temp 73 °F	2520-2340 LT: +SHRA 1730 LT -TSHRA			
Min. 61 °F	Vel. 3 m.p.h.	Read. 29.05 in.				
Set 64 °F	Char. Steady	Corr. 28.92 in.	0700	1300	1900	
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. 3/10 Ci	Clds.	Clds. Sc 8/10 Cu	
Ppn. Liq. 0.14 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx Fog	Wx	Wx M Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. ~14 mi.	Vis. mi.	Vis. 20 mi.	

$$\bar{T} = 74$$

$$HDD = 0$$

$$\sum HDD = 130$$

$$CDD = 9$$

$$\sum CDD = 54$$

$$T_{DAVIS} = 64/62$$

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

$$T_W = 64^\circ$$

$$T_D = 62^\circ$$

$$\sum PCN_L = 1.51''$$

$$\sum PCN_S = 0.0''$$

$$PCN_{62} = 0.14''$$

$$\sum PCN_{62} = 1.51''$$

Sunday, 27 May 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir.	Temp	1600-1630 LT : -SHRA 2110-2130 LT : -SHRA		
	—		72 °F			
Min.	59 °F	Vel.	Read.			
	—	0 m.p.h.	29.01 in.			
Set	63 °F	Char.	Corr.	0700	1300	1900
	—	calm	28.88 in.			
R.H.	90 %	24 hr. Mov.	Sea L.	Clds. ST	Clds.	Clds.
	—	— mi.	30.21 in.	6/10 ci		2/10 Ci
Ppn. Liq.	— in.	Prev. Dir.	3 hr. Tend.	Wx Fog.	Wx	Wx
	—	—	+0 mb	P. Cloudy		M. Clear
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
	—	0 in.	JMZ	~ 12 mi.	mi.	~ 15 mi.

$$\bar{T} = 70$$

$$MDD = 0$$

$$\sum MDD = 130$$

$$CDD = 5$$

$$\sum CDD = 59$$

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

$$T_{UNV} = 61/61$$

$$T_w = 62^\circ$$

$$T_D = 60^\circ$$

$$\sum PCN_L = 1.51''$$

$$\sum PCN_S = 0.0''$$

$$PCN_{62} : T$$

$$\sum PCN_{62} : 1.51''$$

Monday, 28 May 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	86 °F	Dir.	SW	Temp	0223-0403: -SHRA		
Min.	61 °F	Vel.	5 m.p.h.	Read.	0442-0502: -SHRA		
Set	66 °F	Char.	Steady	Corr.	0700	1300	1900
R.H.	87 %	24 hr. Mov.	- mi.	Sea L.	Clds. Ci	Clds. Cu	Clds.
Ppn.	.07 in.	Prev. Dir.	-	3 hr. Tend.	7/10 Cu	2/20 Cu	9/10
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	Wx Mostly Haze/Cloudy	Wx Haze	Wx Clear
					Vis.	Vis.	Vis.
					7 mi.	20 mi.	25 mi.



$$\bar{T} = 74$$

$$HDD = 0$$

$$\sum HDD = 130$$

$$CDD = 9$$

$$\sum CDD = 68$$

$$PCN_L = .07''$$

$$\sum PCN_L = 1.58''$$

$$\sum PCN_S = 0.0''$$

$$T_{DAVIS} = 66/64$$

$$T_{UNV} = 66/63$$

$$T_w = 64$$

$$T_a = 63$$

$$PCN_{G_1} = .07''$$

$$\sum PCN_{G_2} = 1.58''$$

Tuesday 29 May 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
80 °F	N	74 °F				
Min.	Vel.	Read.				
53 °F	0 m.p.h.	29.15 in.				
Set	Char.	Corr.				
58 °F	Calm	29.01 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
72 %	— mi.	30.36 in.	9/10	9/10	9/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+1.0 mb	Clear	Clear	Sunny	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	ADB	25 mi.	25 mi.	25 mi.	

T: 67
HDD: 0
ΣHDD: 130
COD: 2
ΣCOD: 70

T_{DAVIS}: 60/49
T_{UNU}: 57/48

T_w: 53
T_d: 49

PCN_L: 0.00"
ΣPCN_L: 1.58"
ΣPCN_S: 0.0"

PCN_g: 0.00"
ΣPCN_g: 1.58"

Wednesday, 30 May, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. East	Temp 75 °F			
Min.	55 °F	Vel. 1 m.p.h.	Read. 29.11 in.			
Set	59 °F	Char. Steady	Corr. 28.99 in.	0700	1300	1900
R.H.	77 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. 0/10	Clds. <i>cu</i> 1/10	Clds. 1/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx Sunny	Wx M. Sunny	Wx Clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 68$$

$$HDD = 0$$

$$\Sigma HDD = 130$$

$$CDD = 3$$

$$\Sigma CDD = 73$$

$$T_{DAVIS} = 62/52$$

$$T_{UNV} = 59/52$$

$$T_{ub} = 55$$

$$T_i = 52$$

$$PCN_L : 0.00''$$

$$\Sigma PCN_L : 1.58''$$

$$\Sigma PCN_L : 0.0''$$

$$PCN_{a_2} : 0.00''$$

$$\Sigma PCN_{a_2} : 1.58''$$

Thursday, 31 May 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	87 °F	Dir.	SSE	Temp	74 °F	Overnight Low = 63°		
Min.	59* °F	Vel.	2 m.p.h.	Read.	29.00 in.			
Set	66 °F	Char.	Steady	Corr.	28.87 in.			
R.H.	83 %	24 hr. Mov.	- mi.	Sea L.	30.19 in.	0700	1300	1900
Ppn. Liq.	0.00 in.	Prev. Dir.	-	3 hr. Tend.	+0 mb	Clds. Ci	Clds. Cn Cu	Clds. As Cu Stc
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	JMZ	Wx	Wx	Wx
						22 mi.	M. Cloudy	Light Rain
						17 mi.		10 mi.

$$\bar{T} = 73$$

$$HDD = 0$$

$$\Sigma HDD = 130$$

$$CDD = 8$$

$$\Sigma CDD = 81$$

$$\Sigma PCN_L = 1.58''$$

$$\Sigma PCN_S = 0.0''$$

$$T_{DAVIS} = 67/61$$

$$T_{UNV} = 64/61$$

$$T_W = 63^\circ$$

$$T_D = 61^\circ$$

MAX RAMP'S

$$\left(\begin{array}{l} \bar{T}_{MAX} = 75.5^\circ F \\ \bar{T}_{MIN} = 50.8 \\ \bar{T}_{MAX} = 63.2 \end{array} \right)$$

$$PCN_{62} = 0.00''$$

$$\Sigma PCN_{62} = 1.58''$$