

Thursday 1 May 2008

0700 EST

Meteorological Observations  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.		Dir.		Temp			
54	°F	E		72	°F		
Min.		Vel.		Read.			
38	°F	0 m.p.h.		29.64	in.		
Set		Char.		Corr.			
39	°F	Calm		28.91	in.	0700	1300
R.H.		24 hr. Mov.		Sea L.		Clds.	Clds.
71	%	— mi.		30.31	in.	7/10 st	7/10 st
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx	Wx
0.00	in.	—		30.7	mb	m. cloud	overcast
Ppn.	Sol.	Snow Depth		Observer		Vis.	Vis.
0.0	in.	0 in.		ADB		~20 mi.	~25 mi.
						25 mi.	25 mi.

10  
HOB: 19  
ΣHOB: 19  
COB: 0  
ΣCOB: 0

TUVV: 3/12/9  
TDAVIS: 40/04  
MMTS: 52/36/39

TW: 36  
TD: 32

ΣPCN<sub>1</sub>: 0.00"  
ΣPCN<sub>2</sub>: 0.0"

PCN<sub>12</sub>: 0.00"

ΣPCN<sub>12</sub>: 0.00"

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Friday 2 May 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. ENE	Temp 72 °F	SMRA 1450-1525			
Min. 39* °F	Vel. 0 m.p.h.	Read. 28.81 in.	* Overnight Low: 48			
Set 49 °F	Char. Calm	Corr. 28.68 in.	0700	1300	1900	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. AS 3/10 Ci	Clds. Cu 2/10 Sc	Clds. Sc 7/10 Cu	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. — +0 mb	Wx Fog M. Sunny	Wx Cloudy	Wx Partly Sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 12 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 49$$

$$HDD = 16$$

$$\sum HDD = 35$$

$$CDD = 0$$

$$\sum CDD = 0$$

$$T_{DAVIS} = 49/48$$

$$T_{UNV} = 48/46$$

$$M_{MITS} = 57/39/49$$

$$T_W = --$$

$$T_D = 48$$

$$\sum PCN_L = 0.02''$$

$$\sum PCN_S = 0.0''$$

$$PCN_{G2} = 0.02''$$

$$\sum PCN_{G2} = 0.02''$$

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Saturday 3 May 2003

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F	Dir. E	Temp 74 °F				
Min. 49 °F	Vel. 2 m.p.h.	Read. 26.80 in.				
Set 58 °F	Char. light	Corr. 26.66 in.	*Overnight low = 53°F			
			0700	1300	1900	
R.H. 83 %	24 hr. Mov. - mi.	Sea L. 30.01 in.	Clds. <sup>Sc</sup> 19/10 <sup>Sc</sup> Fog	Clds.	Clds. <sup>Sc</sup> 10/10 <sup>Sc</sup>	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. ± 0 mb	Wx overcast/Fog	Wx	Wx Overcast	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 5 mi.	Vis. mi.	Vis. 6 mi.	

T: 62

HDD 3

ΣHDD: 38

ΣDD: 0

ΣCDD: 0

T<sub>max</sub>: 57/54

T<sub>min</sub>: 57/52

MMTS 73/49/56

T: 55

T: 53

ΣPCN<sub>2</sub>: 0.02"

ΣPCN<sub>3</sub>: 0.0"

PCN<sub>2</sub>: 0.00"

ΣPCN<sub>3</sub>: 0.03"

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Sunday 4 May 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F	Dir. W	Temp 73 °F	18:30LT-20:00LT TSB, +RA, PA 20:30LT-22:30LT TSB, RA 0200LT-0300LT RA, -RA			
Min. 50 °F	Vel. 15 m.p.h.	Read. 28.95 in.				
Set 51 °F	Char. Steady	Corr. 28.83 in.	0700	1300	1900	
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 4/10 Sc	Clds.	Clds. 0/10	
Ppn. Liq. 1.07 in.	Prev. Dir. —	3 hr. Tend. +2.5 mb	Wx P. Sunny	Wx	Wx Sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer Pmv	Vis. -25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T} = 59$   
HDD: 6  
E HDD: 44  
CDD: 0  
E CDD: 0

T<sub>DAYS</sub>: 52/47  
T<sub>LOW</sub>: 52/43  
M<sub>MTS</sub>: 65/50/51

T<sub>J</sub>: 51  
T<sub>D</sub>: 48

EPCV<sub>L</sub> = 1.09"  
EPCV<sub>S</sub> = 0

PCV<sub>L2</sub> = 1.02"  
EPCV<sub>L2</sub> = 1.04"

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T: 50

HDD: 15

E HDD: 59

CDD: 0

E CDD: 0

T Davis: 44/35

T Low: 43/34

MMTS: 61/36/43

Tw: 42

To: 39

ERCN: 1.09

ERCNs: 0

PCN<sub>22</sub>: 0.00

ERCN<sub>22</sub>: 1.04

6 May 2008 Tuesday 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	69 °F	Dir.	WSW	Temp	74 °F			
Min.	42 °F	Vel.	0 m.p.h.	Read.	28.99 in.			
Set	50 °F	Char.	Calm	Corr.	28.86 in.	* Overnight Low: 49		
R.H.	76 %	24 hr. Mov.	— mi.	Sea L.	30.22 in.	0700	1300	1900
Ppn.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	10.9 mb	Clds.	Clds.	Clds.
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	ADB	0/10	5/10 Cu 0/0 Ci	3/10 Sc
						Wx	Wx	Wx
						Clear		Pt Cloudy
						Vis.	Vis.	Vis.
						15 mi.	25 mi.	25 mi.

T: 56

HOD: 9

EHOD: 68

CDD: 0

ECDD: 0

Tuv: 51/44

Toavis: 50/41

MMTS: 68/43/49

Tu: 46

Td: 43

$\sum PCNL: 1.09''$

$\sum PCNs: 0.0''$

$\sum PCNs: 0.00$

$\sum PCNs: 1.04''$

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WEDNESDAY 7 MAY 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. -	Temp 74 °F	- SHRA 1245 LT			
Min. 47 °F	Vel. 0 m.p.h.	Read. 28.82 in.				
Sct 55 °F	Char. CALM	Corr. 28.69 in.	0700	1300	1900	
R.H. 66%	24 hr. Mov. - mi.	Sea L. 30.03 in.	Clds. 1/10 Cu	Clds. Cu L/10	Clds. st 10/10	
Ppn. Liq. 7 in.	Prev. Dir. -	3 hr. Tend. - Omb	Wx	Wx Mostly Sunny	Wx overcast	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WSS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 60$$

$$H_{20} = 5$$

$$\sum H_{20} = 73$$

$$\sum C_{20} = 0$$

$$\sum PCN_L = 1.09''$$

$$T_{MS} : 57/44$$

$$T_{UNV} : 55/45$$

$$MMTS : 71/47/55$$

$$T_W = 49$$

$$\bar{T}_D = 44$$

$$PCN_{62} = 0.00$$

$$\sum PCN_{62} = 1.04''$$

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Thursday 8 May 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. SW	Temp 75 °F	2000LT-0800LT: dz, occl -SMRA			
Min. 55* °F	Vel. 3 m.p.h.	Read. 28.61 in.	*Overnight Low = 60			
Set 61 °F	Char. Variable	Corr. 28.48 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.80 in.	Clds. St 9/10 NS	Clds. St 9/10 Sc	Clds. 10/10 St	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. A+0 mb	Wx Drizzle	Wx Overcast	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 8 mi.	Vis. ~2.5 mi.	Vis. 2.5 mi.	

$\bar{T} : 27$

HDD: 0

$\Sigma$ HDD: 73

CDD: 2

$\Sigma$ CDD: 2

$\bar{T}$  DAVIS : 60/60

TUNV : 59/57

MMTS : 78/55/60

$T_D$  : 60

$T_W$  : 60

$\Sigma PCN_L : 1.13''$

$PCN_{62} : 0.05''$

$\Sigma PCN_{62} : 1.09''$

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Friday 9 May 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	70 °F	Dir.	NE	Temp	08:00 - 19:30 LT: -SHRA		
Min.	44 °F	Vel.	7 m.p.h.	Read.	08:15 - 7:59 LT: -SHRA, OCC SHRA		
Sea	49 °F	Char.	Variable	Corr.	0700	1300	1900
R.H.	95 %	24 hr. Mov.	— mi.	Sea L.	Clds. NS 10/10	Clds. NS 10/10	Clds. 10/10 St
Ppn. Liq.	0.19 in.	Prev. Dir.	—	3 hr. Tend.	Wx Light Rain	Wx Rain	Wx
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				JMZ	7 mi.	~15 mi.	~20 mi.

T: 57  
HDD: 8  
 $\Sigma$  HDD: 81  
CDD: 0  
 $\Sigma$  CDD: 2

T<sub>DAVIS</sub>: 49/48  
T<sub>UNV</sub>: 48/45  
MMTS: 68/47/47

T<sub>D</sub>: 48

$\Sigma$  PCN<sub>2</sub>: 1.32"

PCN<sub>62</sub>: 0.22"

$\Sigma$  PCN<sub>62</sub>: 1.31"

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Sat 10 May 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F		Dir. NE	Temp 75 °F	085-15:20 LT: <del>SHRA</del> SHRA		
Min. 46 °F		Vel. 2 m.p.h.	Read. 28.52 in.			
Set 47 °F		Char. light	Corr. 28.44 in.			
				0700	1300	1900
R.H. 98 %		24 hr. Mov. — mi.	Sea L. 29.78" in.	Clds. 10/10	Clds.	Clds. 3/10
Ppn. Liq. 0.25 in.		Prev. Dir. —	3 hr. Tend. mb	Wx light drizzle	Wx	Wx nice
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AM	Vis. 7 mi.	Vis. mi.	Vis. 25 mi.

F: 50

T<sub>DAVIS</sub>: 48/47

T<sub>D</sub>: 24

HDD: 15

T<sub>UNV</sub>: 46/46

ΣHDD: 96

MMTS: 53/46/46

ΣCDD: 0

ΣCDD: 2

ΣPCN<sub>L</sub>: 1.57"

PCN<sub>G</sub>: .23"

ΣPCN<sub>G</sub>: .154"

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Sun 11 May 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	25 °F		Dir.	ESE		Temp	73 °F		-DZ, OCCL -RA obs 1100 LT		
Min.	44 °F		Vel.	4 m.p.h.		Read.	28.66 in.				
Set	50 °F		Char.	Steady		Corr.	28.53 in.				
R.H.	61 %		24 hr. Mov.	— mi.		Sea L.	29.87 in.		0700	1300	1900
Clds.	As		Clds.			Clds.	10/10				
Ppn. Liq.	0.02 in.		Prev. Dir.	—		3 hr. Tend.	-1.5 mb		Wx	Wx	
Wx	hale		Wx	light drizzle							
Ppn. Sol.	0-0 in.		Snow Depth	0 in.		Observer	BS		Vis.	25 mi.	
Vis.	25 mi.		Vis.	mi.		Vis.	6.3 mi.				

F: 55  
HDD: 10  
 $\Sigma$ HDD: 106  
CDD: 0  
 $\Sigma$ CDD: 2

TDAVS: 53/40  
TUNV: 52/36  
MMTS: 63/42/51

TW: 44  
Td: 37

$\Sigma$ PCN<sub>3</sub>: 1.59"

PCN<sub>62</sub>: 0.03"  
 $\Sigma$ PCN<sub>62</sub>: 0.56"

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mon 12 May 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 61 °F	Dir. N	Temp 71 °F	OCCL-SHRA 1400-1730 LT			
Min. 34 °F	Vel. 5 m.p.h.	Read. 28.57 in.	OCCL-RA 1730-0500 LT			
Set 36 °F	Char. Steady	Corr. 28.45 in.	RA, OCCL-SN 0500-0600			
			* ties record snow (1990)			
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.83 in.	Clds. Ns 10/10	Clds. 10/10	Clds. 10/10	
Ppn. Liq. 0.92 in.	Prev. Dir. —	3 hr. Tend. √+1.5 mb	Wv -RT	Wx -RA	Wx nice	
Ppn. Sol. T* in.	Snow Depth 0 in.	Observer BS	Vis. 35 mi.	Vis. 14 mi.	Vis. 17 mi.	

F = 48  
MOD: 17  
SHDD: 123  
COD: 0  
SCOD: 2

T<sub>DVES</sub>: 37/36  
T<sub>UNV</sub>: 36/36

T<sub>w</sub>: 36  
T<sub>d</sub>: 36

MMTS: 60/33/35

$\Sigma PCN_L$  ~~1.34~~ "2.51"  
 $\Sigma PCN_S$  T

PCN<sub>GA</sub>: 0.87"  
 $\Sigma PCN_{GA}$ : 2.43

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Tues 13 May 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. /		Temp 70 °F	-RA 0000 → 1800LT		
Min. * 36 °F	Vel. 0 m.p.h.		Read. 28.99 in.	*OJNT LOW = 42		
Set 46 °F	Char. calm		Corr. 28.87 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. Ci 1/10	Clds. Cu 1/10	Clds. Cir 1/10	
Ppn. Liq. 0.25 in.	Prev. Dir. —	3 hr. Tend. /420 mb	Wx nice	Wx nice	Wx nice	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer BS	Vis. E 3.5 mi. 17W	Vis. 25 mi.	Vis. 25 mi.	

47  
25

$\bar{T}: 43$   
HDD: 22  
 $\Sigma HDD: 145$   
CVD: 0  
 $\Sigma CVD: 2$

TDAVDs: 46/46

TUNV: 46/46

MMTS: 18/35/45

Tw: 45

Td: 44

$\Sigma PCN_{\text{e}}: 2.76''$

$PCN_{\text{e}}: 0.21''$

$\Sigma PCN_{\text{e}}: 2.65''$

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Wed 14 May 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F	Dir. —	Temp 74 °F				
Min. 45 °F	Vel. 0 m.p.h.	Read. 28.95 in.				
Set 50 °F	Char. calm	Corr. 28-82 in.	0700	1300	1900	
R.H. 61 %	24 hr. Mov. — mi.	Sea L. 30.37 in.	Clds. 3/10	Clds. 9/10	Clds. 10/10	
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. 50 mb	Wx nice	Wx M.C.	Wx Cloudy	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 25 mi.	Vis. 10 mi.	

F: 59

HDD: 6

$\Sigma$ HDD: 151

CDD: 0

$\Sigma$ CDD: 2

TOAVES: 53/47

TUVV: 52/45

MINTS: 70/44/51

TW: 44

Td: 37

$\Sigma$ PCN<sub>1</sub>: 2.76"

$\Sigma$ PCN<sub>5</sub>: T

PCN<sub>6-2</sub>: 0"

$\Sigma$ PCN<sub>6-2</sub>: 2.65"

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Thu 15 May 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F		Dir. WSW	Temp 74 °F	-SHRA ~ 1700LT - 2330LT -SHRA ~ 0330LT		
Min. 50* °F		Vel. 5 m.p.h.	Read. 28.85 in.	*overnight low: 58		
Set 58 °F		Char. steady	Corr. 28.72 in.	0700	1300	1900
R.H. 90 %		24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. <sup>As</sup> Sc 8/10	Clds. 3/10	Clds. <sup>ci</sup> Sc 8/10
Ppn. Liq. 0.05 in.		Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AM	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}: 61$

ADD 4

CDD: 0

$\Sigma HDS: 155$

$\Sigma CDD: 2$

$T_{Davis}: 59/58$

$T_{unv}: 57/55$

UMTS: 70/52/57

$T_w: 56$

$T_d: 55$

$\Sigma PCN_L: 2.81...$

$\Sigma PCN_S: T$

$PCN_{G2}: 0.06$

$\Sigma PCN_{G2}: 2.71$

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Fri 10 May 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. N	Temp 74 °F	RA ~ 0040-0800 LT			
Min. 48 °F	Vel. 5 m.p.h.	Read. 28.64				
Set 48 °F	Char. gusty	Corr. 28.51 <sub>n.</sub>	0700	1300	1900	
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 29.86 <sub>n.</sub>	Clds. N <sub>s</sub> 10/10	Clds. N <sub>s</sub> & S <sub>t</sub> 10/10	Clds. A <sub>l</sub> 10/10	
Ppn. Liq. 0.38 in.	Prev. Dir. —	3 hr. Tend. -2.0 mb	Wx RA	Wx FOG	Wx drizzle	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 1.5 mi.	Vis. 1 mi.	Vis. 5.7 mi.	

F: 6'

T<sub>davis</sub>: 48/48

T<sub>w</sub>: —

HDD: 4

T<sub>unv</sub>: 48/46

T<sub>d</sub>: 48

CDD: 0

UMTS: 71/47/47

Σ HDD: 159

Σ CDD: 2

Σ PCN<sub>s</sub>: 3.19"

PCN<sub>62</sub>: 0.40"

Σ PCN<sub>s</sub>: T

Σ PCN<sub>62</sub>: 3.11"

SAT 17 MAY 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 52 °F	Dir. SW	Temp 72 °F	RA ~ 0800 - 1420 LT FG ~ 1345 - 1600 LT			
Min. 42 °F	Vel. 10 m.p.h.	Read. 28.51 in.	RA ~ 1620 - 2040 LT			
Set 48 °F	Char. breezy	Corr. 27.26 in.	0700	1300	1900	
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 28.55 in.	Clds. Cs Sc 4/10	Clds.	Clds. Ns 8/10	
Ppn. Liq. 0.35" in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx nice	Wx	Wx RA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. mi.	Vis. 17 mi.	

F: 47      T<sub>denis</sub>: 51/47      T<sub>w</sub>: 40  
HDD: 18      T<sub>unv</sub>: 45/41      T<sub>d</sub>: 37  
CDD: 0      MMTS: 50/41/50  
ΣHDD: 177  
ΣCDD: 2  
ΣPCN<sub>L</sub>: 3.54"      PCN<sub>G2</sub>: 0.31"  
ΣPCN<sub>S</sub>: T      ΣPCN<sub>G2</sub>: 3.42"

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Sun 18 May 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F		Dir. S	Temp 70 °F	RA - 1640 - 1700 LT		
Min. 44 °F		Vel. 2 m.p.h.	Read. 28.41 in.	RA - 2000 - 2040 LT		
Set 48 °F		Char. steady	Corr. 28.29 in.	← TSH -RA 0745-065		
				0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 29.71 in.	Clds. <del>N</del> 10/10	Clds.	Clds. & 7/10
Ppn. Liq. 0.11 in.		Prev. Dir. —	3 hr. Tend. \ -1 mb	Wx rain	Wx	Wx nice
Ppn. Sol. 0 in.		Snow Depth 0 in.	Observer BS	Vis. 3.5 mi.	Vis. mi.	Vis. 2.5 mi.

$\bar{T} = 55$   
HDD = 10  
 $\Sigma \text{HDD} = 187$   
CDD = 0  
 $\Sigma \text{CDD} = 2$

TOADS = 48/46  
Tunv = 46/45  
MMTS = 69/43/47

$T_w = 43$   
 $T_d = 48$

$\Sigma \text{PCN}_2 = 3.65''$   
 $\Sigma \text{PCN}_5 = 7$

$\text{PCN}_{60} = 0.11''$   
 $\Sigma \text{PCN}_{60} = 3.53''$

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Mon 19 May 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. W <del>W</del>	Temp 70 °F	RA - 800 - 1120 LT			
Min. 40 °F	Vel. 10 m.p.h.	Read. 28.44 in.				
Set 45 °F	Char. gusty	Corr. 28.32 in.	0700	1300	1900	
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 29.76 n.	Clds. Ci 3/0	Clds. Cu/Sc 9/10	Clds. G 2/10	
Ppn. Liq. 0.16 in.	Prev. Dir. —	3 hr. Tend. — mb	Wx nice	Wx Windy	Wx nice	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T} = 50$   
HDD: 15  
 $\Sigma$  HDD: 202  
CDD: 0  
SCDD: 2

TOTALS: 46/37  
TUVV: 46/34  
MMTB: 59/40/45

$T_w = 40$   
 $T_d = 34$

$\Sigma PCN_L = 3.81''$   
 $\Sigma PCN_S = T$

$PCN_{Ga} = 9.19''$   
 $\Sigma PCN_{Ga} = 3.72$

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Tues 20 May 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. —	Temp 70 °F	SHRA - 0815-0830 LT			
Min. 40 °F	Vel. 0 m.p.h.	Read. 28.47.				
Set 43 °F	Char. calm	Corr. 28.35 in.	0700	1300	1900	
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 29.79 n.	Clds. <i>sc</i> 10/10	Clds. <i>N<sub>3</sub></i> 10/10	Clds. <i>cu</i> 2/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 1-1 mb	Wx calm	Wx rain	Wx nice	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 4 mi.	Vis. 25 mi.	

$\bar{T}: 48$   
HDD: 17  
 $\Sigma$ HDD: 219  
COD: 0  
 $\Sigma$ CDD: 2

T<sub>04VDS</sub>: 44/39  
T<sub>UNV</sub>: 41/37  
MMTS: 53/39/43

T<sub>w</sub>: 39  
T<sub>d</sub>: 34

$\Sigma$ PCN<sub>L</sub>: 3.81"  
 $\Sigma$ PCN<sub>S</sub>: T

PCN<sub>GD</sub>: T  
 $\Sigma$ PCN<sub>GD</sub>: 3.72"

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wed 21 May 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. WSW	Temp 70 °F	Read. 28.42 in.	-RA-0900-1445 LT -SHRA ~ 0700-0750 LT RA-1745-1815 LT		
Min. 43 °F	Vel. 3 m.p.h.	Corr. 28-30 in.				
Set 47 °F	Char. steady					
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 29.74 in.	0700	1300	1900	
Ppn. Liq. 0-30 in.	Prev. Dir. —	3 hr. Tend. — mb	Clds. Cu 4/10	Clds. Ns 10/10	Clds. Ci 7/10 <sup>65</sup> 0/10 <sup>60</sup>	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer BS	Wx nice	Wx drizzle	Wx P.C.	
			Vis. 17 mi.	Vis. 10 mi.	Vis. 25 mi.	

F:49  
HDD:16  
 $\Sigma$ HDD:235  
COD:0  
 $\Sigma$ COD:2

T<sub>DAV</sub>: 48/41  
T<sub>UV</sub>: 46/39  
MNTS: 54/41/48

T<sub>w</sub>: 42  
T<sub>d</sub>: 37

$\Sigma$ PCN<sub>2</sub>: 4.11"  
 $\Sigma$ PCN<sub>5</sub>: T

PCN<sub>cat</sub>: 0.28"  
 $\Sigma$ PCN<sub>60</sub>: 4.00"

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Thu 22 May 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. WNW	Temp 70 °F	-SHRA ~ 1115-1130 LT ~ 1245-1330 LT ~ 0600-0700 LT			
Min. 43 °F	Vel. 12 m.p.h.	Read. 28.50 in.				
Set 46 °F	Char. cloudy	Corr. 28.48 in.				
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 29.83 in.	Clds. N's 10/10	Clds. 9/10	Clds. 7/10	
Ppn. Liq. 0.07" in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx light drizzle	Wx windy	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 17 mi.	Vis. 20 mi.	Vis. 25 mi.	

$\bar{T}$ : 51  
HDD: 14  
 $\Sigma$  HDD: 249  
CDD: 0  
 $\Sigma$  CDD: 2

$T_{DAVES}$ : 46/43

$T_w$ : 43

$T_{UNV}$ : 45/41

$T_d$ : 42

MMTS: 58/42/45

$\Sigma PCN_L$ : 4.18"

$\Sigma PCN_S$ : T

$PCN_{G2}$ : 0.07"

$\Sigma PCN_{G2}$ : 4.07"

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Fri 23 May 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. WSW	Temp 70 °F	-SHRA ~ 0800 - 0845 LT OCCL-SHRA ~ 1145 - 1720 LT GS ~ 1435 LT			
Min. 44 °F	Vel. 3 m.p.h.	Read. 28.87 in.				
Set 46 °F	Char. light	Corr. 28.99 in.	0700	1300	Cu 1900 Sc	
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 27.62 in.	Clds. cu 1/10	Clds. cu 6/10 ci	Clds. ci 8/10	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	Wx	Wx	Wx	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

F = 50  
HDD: 15  
 $\Sigma$  HDD: 264  
CDD: 0  
 $\Sigma$  CDD: 2

T DAVIS: 40/42  
T UNV: 46  
MMTS: 53/41/46

T<sub>w</sub>: 42  
T<sub>D</sub>: 38

$\Sigma$  PCN<sub>2</sub>: 4.23"  
 $\Sigma$  PCN<sub>5</sub>: T

PCN<sub>62</sub>: .05"  
 $\Sigma$  PCN<sub>62</sub>: 4.12"

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Sat 24 May 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F	Dir. N	Temp 70 °F				
Min. 43 °F	Vel. 0 m.p.h.	Read. 28.9 in.				
Set 49 °F	Char. calm	Corr. 28.9 in.				
			0700	1300	1900	
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 29.15 in.	Clds. AC 2/10 cu	Clds.	Clds. Cu 2/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	Wx	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

F: 55  
HDD: 10  
 $\Sigma$ HDD: 274  
CPD: 0  
 $\Sigma$ CDD: 2

T DAVIS: 51/46 Tw: 44  
T UNV: 50 Td: 39  
MMTS: 64/41/50

$\Sigma$  PCNL: 4.23"

$\Sigma$  PCNS: T

PCN<sub>62</sub>: 0.00"

$\Sigma$  PCN<sub>62</sub>: 4.12"

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SUN 25 MAY 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. WNW	Temp 70 °F				
Min. 43 °F	Vel. 2 m.p.h.	Read. 29.04 in.				
Set 49 °F	Char. light	Corr. 28.92		0700	1300	1900
R.H. '01 %	24 hr. Mov. — mi.	Sea L. 30.29 in.	Clds. Ci 1/10	Clds.	Clds. <del>As</del> 8/10 Ci	
Ppn. Liq. 0.50 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T}: 57$

HDD: 8

$\Sigma$ HDD: 282

CDD: 0

$\Sigma$ CDD: 2

$T_{DAVIS}: 51/42$      $T_w: 43$

$T_{UNV}: 50/39$      $T_d: 36$

MMTS: 69/42/50

$\Sigma PCN_L: 4.23''$

$\Sigma PCN_S: T$

$PCN_{62}: 0.00''$

$\Sigma PCN_{62}: 4.12''$

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Mon 26 May 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. SW	Temp 72 °F				
Min 49* °F	Vel. 2 m.p.h.	Read. 28.91 in.				
Set 57 °F	Char. light	Corr. 28.89 in.	*OVNT LOW: 51			
						0700
R.H. 67 %	24 hr. Mov. — mi.	Sea L. 29.24 in.	Clds. ci 4/10 Ac	Clds. ci, cu 5/10 cc	Clds. As 0/10 Sc	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — mb	Wx	Wx	Wx windy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 02  
HDD: 3  
ΣHDD: 285  
CDD: 0  
ΣCDD: 2

T DAVES: 58/51  
T W W: 59/48  
T M M T S: 73/50/57

T<sub>w</sub>: 51  
T<sub>d</sub>: 46

ΣPCN<sub>L</sub>: 4.23"  
ΣPCN<sub>S</sub>: T

PCN<sub>G2</sub>: 0.00"  
ΣPCN<sub>G2</sub>: 4.12"

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TUE 27 MAY 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. SW	Temp 76 °F	~ - ST PA ~ 1720 LT			
Min. 57* °F	Vel. 4 m.p.h.	Read. 28.83 in.				
Set 69 °F	Char. light	Corr. 28.70 in.	*OVNT LOW: 69			
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.0 in.	Clds. St 10/10	Clds. Cu 7/10	Clds. Cu & Sc 6/10 AC	
Ppn. Liq. — in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	Wx HZ	Wx HZ	Wx HZ	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 10 mi.	Vis. 15 mi.	Vis. 25 mi.	

$\bar{T} : 7'$

HDD: 0

$\Sigma$ HDD: 285

CDD: 6

$\Sigma$ CDD: 8

T<sub>DAVIS</sub>: 68/66

T<sub>UNV</sub>: 68/64

MMTS: 8.3/57/68

T<sub>w</sub>: 60

T<sub>d</sub>: 65

$\Sigma$ PCN<sub>L</sub>: 4.23"

$\Sigma$ PCN<sub>S</sub>: T

PCN<sub>62</sub>: 0.00"

$\Sigma$ PCN<sub>62</sub>: 4.12"

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Wed. May 28, 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. NE	Temp 76 °F	-SWA 1630-1720			
Min. 45 °F	Vel. 5 m.p.h.	Read. 29.17 in.				
Set 47 °F	Char. breezy	Corr. 29.03 in.	0700	1300	1900	
R.H. 60 %	24 hr. Mov. — mi.	Sea L. 30.40 in.	Clds. Ci 6/10 As	Clds. 0/10	Clds. Ac 1/10	
Ppn. Liq. in.	Prev. Dir. —	3 hr. Tend. +3.0 mb	Wx	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}$ : 63  
HDD: 2  
 $\Sigma$  HDD: 287  
CDD: 0  
 $\Sigma$  CDD: 8

$T_{DAYS}$ : 47/35  
 $T_{UNV}$ : 46/32  
MMTS 78/44/46

$T_w$ : 41  
 $T_D$ : 34

$\Sigma PCN_s$ : 4.23"  
 $\Sigma PCN_s$ : T

$PCN_{02}$ : 0.00"  
 $\Sigma PCN_{02}$ : 4.12"

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Thu 29 May 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F	Dir. NE	Temp 76 °F				
Min. 43 °F	Vel. 0 m.p.h.	Read. 29.15 in.				
Sea 47 °F	Char. calm	Corr. 29.01 in.	0700	1300	1900	
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. Cu Ci 8/10 Sc	Clds. As 1/10	Clds. Sc 1/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.0 mb	Wx	Wx breezy	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 55  
HDD: 10  
 $\Sigma$ HDD: 29.7  
CDD: 0  
 $\Sigma$ CDD: 8

T DAVIS: 47/41  
TUNN: 45/41  
MMTS: 65/41/47

TW: 42  
T0: 36

$\Sigma$ PCN<sub>L</sub>: 1.23"  
 $\Sigma$ PCN<sub>S</sub>: T

PCN<sub>62</sub>: 0.00"  
 $\Sigma$ PCN<sub>62</sub>: 4.12"

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Fri 30 May 2008 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F	Dir. 0		Temp 76 °F	- SHRA ~ 0700 - 0800 LT  *OUNT LOW: 48		
Min. 47* °F	Vel. 0 m.p.h.	Read. 29.09 in.				
Set 54 °F	Char. calm	Corr. 28.96 in.				
			0700	1300	1900	
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 30.33 in.	Clds. Sc 8/10	Clds. Sc/cu 7/10 Ac	Clds. Ac 8/10 Sc	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.0 mb	Wx	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 62

T<sub>DAVIS</sub>: 55/44

T<sub>w</sub>: 48

HDD: 3

T<sub>WV</sub>: 52/43

T<sub>b</sub>: 42

ΣHDD: 300

M.MTS: 74/46/54

CDD: 0

ΣCDD: 8

ΣPCN<sub>L</sub>: 4.23"

ΣPCN<sub>S</sub>: T

PCN<sub>62</sub>: 0.00"

ΣPCN<sub>62</sub>: 4.12"

2008 JAN 31 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F		Dir. S/SW	Temp 77 °F	-SHRA ~ 800		
Min. 54 °F	*	Vel. 10 m.p.h.	Read. 28.7 in.	* QVNT LOW 69		
Set 69 °F		Char. breezy	Corr. 28.57 in.	0700	1300	1900
R.H. 87 %		24 hr. Mov. — mi.	Sea L. 29.80 in.	Clds. NS 10/10	Clds.	Clds. Cu 7/10
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. -0.1 mb	Wx -SHRA	Wx	Wx
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AM	Vis. 10 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ : '07  
HDD: 0  
 $\Sigma$ HDD: 300  
CDD: 2  
 $\Sigma$ CDD: 10

$T_{DAVIS}$ : '07/63  $\bar{T}_w$ : '06  
 $T_{UNV}$ : '08/59  $T_D$ : '05  
MMTS: 76/54/66

$\Sigma PCN_{L2}$ : 2.23'  $\left( \begin{array}{l} \text{MAX TEMPS} \\ \bar{T}_{max} = 66.3^{\circ}F \\ \bar{T}_{min} = 44.6 \\ \bar{T}_{MY} = 55.44 \end{array} \right)$   $PCN_{G2}$ : T  
 $\Sigma PCN_{S1}$ : T  
 $\Sigma PCN_{G2}$ : 4.12"

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