

Tues | July 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F	Dir. NNW	Temp 74 °F				
Min. 60 °F	Vel. 4 m.p.h.	Read. 28.71 in.				
Set 63 °F	Char. Steady	Corr. 28.58 in.	0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. 8/10	Clds. 10/10	Clds. 8/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / +1.0 mb	Wx cloudy	Wx cloudy	Wx cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 17 mi.	Vis. 17 mi.	

$\bar{T}: 69$   
HDD: 0  
 $\Sigma$ HDD: 0  
COD: 4  
 $\Sigma$ COD: 4

TOWS: 64/61  
TUV: 63/57  
MMS: 75/59/62

TW: 59  
T<sub>0</sub>: 56

$\Sigma$ PCN<sub>6a</sub>: 0.00"

PCN<sub>6a</sub>: 0.00"  
 $\Sigma$ PCN<sub>6a</sub>: 0.00"

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wed 2 July 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. WSW	Temp 74 °F				
Min. 56 °F	Vel. 1 m.p.h.	Read. 28.96 in.				
Set 59 °F	Char. Calm	Corr. 28.83 in.	0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. 1/10 Ci	Clds. Cu 14/10	Clds. As 3/10 <sup>sc</sup>	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.4 mb	Wx Sunny	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}: 65$

HDD: 0

$\Sigma$ HDD: 0

CDD: 0

$\Sigma$ CDD: 4

T<sub>DAVIS</sub>: 60/56

T<sub>UNV</sub>: 59/54

MMTS: 72/54/59

T<sub>w</sub>: 55

T<sub>o</sub>: 52

$\Sigma PCN_{G_2}: 0.00''$

PCN<sub>G<sub>2</sub></sub>: 0.00''

$\Sigma PCN_{G_2}: 0.00''$

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Thu 3 JUN 2004

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. SW	Temp 69 °F				
Min. 59* °F	Vel. 8 m.p.h.	Read. 28.35 in.				
Set 70 °F	Char. light	Corr. 28.71 in.	KOVNT LUN 60			
			0700	1300	1900	
R.H. 66 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. <sup>As/cu</sup> 5/10	Clds. <sup>As/st</sup> 10/10	Clds. <sup>St</sup> 10/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 15 mi.	Vis. 15 mi.	

F: 70  
HND: 0  
ΣHND: 0  
CDD: 5  
ΣCDD: 9

DAVE: 70/60  
T<sub>UNIT</sub>: 68/55  
MUT: 78/59/70

W: 62  
T<sub>D</sub>: 58

ΣPCN = 0.00"

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

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FRI JUN 20 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. NINE	Temp 67 °F		-SMLA 1150-1200LT -TSMU 1220-1240LT -SMLA 1400-1430LT		
Min. 65 °F	Vel. 2 m.p.h.	Read. 28.88 in.				
Set 65 °F	Char. light	Corr. 28.77 in.	0700	1300	1900	
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. St 10/10	Clds. Sc 10/10	Clds. Sc 10/10	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. 1 +1.0 mb	Wx	Wx HZ	Wx	
Ppn. Sol. 00 in.	Snow Depth 0 in.	Observer AM	Vis. 2 mi.	Vis. 5 mi.	Vis. 20 mi.	

$\bar{r} = 72$

$\pm DD: 0$

$\pm HDN: 0$

$CND: 7$

$\pm CND: 10$

DAYS: 25/04

TUNV: 64/01

MMTS: 76/64/04 TR: 01

$\bar{w}: 6.2$

$\Sigma PCN_2 = 0.05''$

$PCN_{62} = 0.05''$

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

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WINDSON 5 Feb 2007 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. E/NE	Temp 66 °F	-RA, OCC RA ~0230 - 035			
Min. 64 °F	Vel. 2 m.p.h.	Read. 23.91 in.				
Set 64 °F	Char. light	Corr. 23.80 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 50.12 in.	Clds. NS 10/10	Clds.	Clds. 2/10	
Ppn. Liq. 0.44 in.	Prev. Dir. —	3 hr. Tend. mb	Wx -SHRA	Wx	Wx M. Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TJ	Vis. 1 mi.	Vis. mi.	Vis. 17 mi.	

F.T.C  
ADD: 0  
Σ ADD: 0  
CND: 5  
Σ CND: 21

DAVIS 65/63  
JUN 63/61  
NIMTS 72/6/62

- w: 64  
- s: 64

Σ PEN<sub>62</sub> = 0.49"

PEN<sub>62</sub> = 0.43"  
Σ PEN<sub>62</sub> = 0.48"

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Sunday 6 July 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F	Dir. ESE	Temp 66 °F	-SHRA - 0800 - 0810 LT			
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.96 in.				
Set 63 °F	Char. calm	Corr. 28.85 in.				
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. C; 6/10	Clds.	Clds. 7/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. / +12 mb	Wx Hz	Wx	Wx Hz	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 4 mi.	Vis. mi.	Vis. 4 mi.	

$\bar{T}: 69$   
HDD: 0  
 $\Sigma HDD: 0$   
CDD: 4  
 $\Sigma CDD: 2.5$

T<sub>DAVIS</sub>: 63/63  
T<sub>UNV</sub>: 61/61  
MMTS: 75/60/62

T<sub>v</sub>: 59  
T<sub>0</sub>: 56

$\Sigma PCN_i: 0.49''$

$PCN_{G2}: 0.00''$   
 $\Sigma PCN_{G2}: 0.48''$

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Monday 7 July 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SE	Temp 67 °F	*OUNT LOW 67			
Min. 63 * °F	Vel. 0 m.p.h.	Read. 28.97 in.				
Set 70 °F	Char. calm	Corr. 28.86 in.				
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	0700 Clds. 10/10	1300 Clds. $\frac{1}{2}$ Sc 9/10	1900 Clds. 9/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — mb	Wx Fog cloudy	Wx	Wx cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 3.5 mi.	Vis. 20 mi.	Vis. 5 mi.	

$\bar{T}: 73$

HDD: 0

$\Sigma$ HDD: 0

CDD: 8

$\Sigma$ CDD: 33

T<sub>DAVIS</sub>: 69/69

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

MMTS: 80/62/68

T<sub>w</sub>: 67

T<sub>o</sub>: 66

$\Sigma$ PCN<sub>o</sub>: 0.49"

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

$\Sigma$ PCN<sub>o</sub>: 0.48"

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Tues 8 July 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. SSW	Temp 68 °F	SHRA ~ 1400 - 1420 LT TSRA - 1720 - 1740 LT SHRA - 2040 - 2044 LT			
Min. 66 °F	Vel. 3 m.p.h.	Read. 28.92 in.				
Set 67 °F	Char. Steady	Corr. 28.80 in.				
			0700	1300	1900	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30 11 in.	Clds. 10/10	Clds. 3/10	Clds. 4/10	
Ppn. Liq. 0.26 in.	Prev. Dir. —	3 hr. Tend. — mb	Wx Hz/Fog	Wx m. sunny	Wx Sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 3 mi.	Vis. 8 mi.	Vis. 17 mi.	

$\bar{T}: 74$   
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 9  
 $\Sigma$ CDD: 42

T<sub>DAVIS</sub>: 66/66  
T<sub>UNV</sub>: 66/66  
MMTS: 79/65/65

T<sub>w</sub>: 65  
T<sub>0</sub>: 64

$\Sigma$ PCN<sub>62</sub>: 0.75"

PCN<sub>62</sub>: 0.23"  
 $\Sigma$ PCN<sub>62</sub>: 0.71"

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Wed 9 July 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 87 °F	Dir. SW	Temp 72 °F	OWNT LOW 71			
Min. 66 * °F	Vel. 3 m.p.h.	Read. 28.79 in.				
Set 72 °F	Char. Steady	Corr. 28.66 in.	0700	1300	1900	
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 10/10	Clds. <del>Ns</del> SE 10/10	Clds. AC 7/10 SE	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — mb	Wx cloudy	Wx <del>DR</del> cloudy	Wx p. cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 4 mi.	Vis. 25 mi.	

$\bar{T}: 77$   
HOD: 0  
 $\Sigma$ HOD: 0  
COD: 12  
 $\Sigma$ COD: 54

$T_{DAVDS}: 72 / 64$   
 $T_{UNV}: 86 / 65 / 71$

$T_w: 67$   
 $T_D: 65$

$\Sigma PCN_L: 0.75''$

$PCN_{G2}: 0.80''$   
 $\Sigma PCN_{G2}: 0.71''$

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Thursday 10 JUN 2008 0740 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. NW	Temp 68 °F	-SHRA ~ 0800-0820 LT			
Min. 61 °F	Vel. 2 m.p.h.	Read. 28.90 in.	-SHRA ~ 0940-1320			
Sol 65 °F	Char. light	Corr. 28.79 in.	OCLL + SHRA 1025-1054			
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	0700	1300	1900	
Ppn. Liq. 0.26 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Clds. Ci 5/10 cu	Clds. Cu 5/10 cs	Clds. Cu 3/10	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Wx P.CLDY	Wx P.cldy	Wx nice	
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 71  
HDD: 0  
ΣHDD: 0  
CDD: 6  
ΣCDD: 60

T DAVIS: 66/64  
T UNV: 66/61  
MMTS: 79/60/66

T<sub>w</sub>: 60  
T<sub>D</sub>: 57

ΣPCN<sub>L</sub>: 1.01"

PCN<sub>G2</sub>: 0.26"  
ΣPCN<sub>G2</sub>: 0.97"

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Fri 11 JUN 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. NW	Temp 67 °F				
Min. 59 °F	Vel. 5 m.p.h.	Read. <del>28.89</del> in.				
Set 62 °F	Char. light	Corr. 28.87 in.	0700	1300	1900	
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. As 3/10 Ac	Clds. Cu/Ac 7/10	Clds. Cu 4/10 <sup>sc</sup>	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx nice	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 i.	Vis. 25 mi.	Vis. 25 mi.	

T: 70  
HDD: 0  
ΣHDD: 0  
CDD: 5  
ΣCDD: 65

T DAVIS: 63/60  
TUNN: 61/57  
MMTS: 78/57/62

TW: 57  
TD: 54

ΣPCN<sub>L</sub>: 1.01"

PCN<sub>G2</sub>: 0.60"  
ΣPCN<sub>G2</sub>: 0.97"

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Sat 12 July 2008

0700 EST

Metecorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. SW	Temp 68 °F			
Min.	62 °F	Vel. 5 m.p.h.	Read. 29.10 in.			
Set	67 °F	Char. light	Corr. 28.99 in.	0700	1300	1900
R.H.	87 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. AS 1/10	Clds.	Clds. 4/10
Ppn. Liq.	0.00 in.	Prev. Dir. ←	3 hr. Tend. +1.0 mb	Wx m. sunny	Wx	Wx m. sunny
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. mi.	Vis. 7 mi.

F: 73

HSD: 0

EHSD: 0

CDD: 8

ΣCSD 73

T DAVIS: 67/64

T UNV: 68/64

MMTS: 81/62/65

T<sub>w</sub>: 64

T<sub>0</sub>: 63

ΣPCN<sub>L</sub>: 1.01"

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

ΣPCN<sub>G2</sub>: 0.97"

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Sun 13 July 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 88 °F	Dir. W	Temp 68 °F	SHRA - 340 - 620 LT			
Min 67. °F	Vel. 2 m.p.h.	Read. 28.80 in.				
Sct 73 °F	Char. Steady	Corr. 28.68 in.	* OVRT LOW 72			
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	0700 Clds. 6/10	1300 Clds.	1900 Clds. 9/10	
Ppn. Liq. 0.38 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx Hz, Fog	Wx	Wx cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 2 mi.	Vis. mi.	Vis. 17 mi.	

$\bar{T}: 78$   
#DD: 0  
 $\Sigma$ DD: 0  
CDD: 13  
 $\Sigma$ CDD: 86

TDAVIS: 72/72  
TUNN: 72/70  
MMTS: 86/70/71

$T_w: 70$   
 $T_D: 68$

$\Sigma PCN_{G_2}: 1.39''$

$PCN_{G_2}: 0.38''$   
 $\Sigma PCN_{G_2}: 1.35''$

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Mon 14 July 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. WNW	Temp 68 °F		SHRA - 1300 LT SHRA - 1600 LT		
Min. 63 °F	Vel. 3 m.p.h.	Read. 28.80 in.				
Set 64 °F	Char. light	Corr. 28.68 in.		0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. C. 4/10	Clds. SC 6/10	Clds. 1/10	
Ppn. Liq. 0.20 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx SUNNY	Wx	Wx SUNNY	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}: 73$   
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 8  
 $\Sigma$ CDD: 94

TDAVS: 64/62  
TUNV: 64/59  
MMTS: 81/62/63

T<sub>w</sub>: 59  
T<sub>0</sub>: 56

$\Sigma$ PCN<sub>62</sub>: 1.59"

PCN<sub>62</sub>: 0.20"  
 $\Sigma$ PCN<sub>62</sub>: 1.55"

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Tues 15 Jun 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. WSW	Temp 68 °F				
Min. 60 °F	Vel. 0 m.p.h.	Read. 29.00 in.				
Set 62 °F	Char. calm	Corr. 28.88 in.	0700	1300	1900	
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 1/10	Clds. <i>cu</i> 4/10	Clds. <i>sc</i> 1/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx Hz	Wx m. Sunny	Wx m. Sunny	
Ppn. Sol. 00 in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 17 mi.	Vis. 25 mi.	

$\bar{T}: 70$   
 $\sum HD: 0$   
 $\sum HD: 0$   
 $\sum CD: 99$

$\bar{T}: 63, 60$   
 $\bar{T}: 61, 57$   
 $\sum T: 5, 73, 158, 61$

$T_w: 57$   
 $T_0: 54$

$\sum PCN_L: 159''$

$PCN_{63}: 0.00''$   
 $\sum PCN_{63}: 155''$

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$\bar{T} = 72$   
C22: 7  
 $\Sigma C22 = 106$   
 $\Sigma HR2 = 0$

$\bar{T}_{DMIS} = 64/61$   
 $\bar{T}_{UNV} = 62/57$   
MMTS: 80/59/63

$T_w = 58.5$   
 $T_d = 56$

$\Sigma PCN_L = 1.59''$

$PCN_{CL} = 0.00$   
 $\Sigma PCN_{CL} = 1.55'$

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Tmu 17 July 2008 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 88 °F	Dir. SW	Temp 68 °F				
Min. 63* °F	Vel. 0 m.p.h.	Read. 29.03 in.				
Set 72 °F	Char. calm	Corr. 28.91 in.	*OVNT LOW: 68			
			0700	1300	1900	
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. Ci/As 8/10	Clds. cu 0/10	Clds. cy <sup>As</sup> 1/10 <sup>As</sup>	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ±0.0 mb	Wx p. cldy HZ	Wx HZ	Wx HZ	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 20 mi.	Vis. 20 mi.	Vis. 23 mi.	

T: 72  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 11  
 $\Sigma$ CDD: 117

T<sub>DAVIS</sub>: 72/68  
T<sub>UNV</sub>: 70/64  
MMTS: 85/63/71

T<sub>W</sub>: 67  
T<sub>D</sub>: 65

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

PCN<sub>62</sub>: 0.00"  
 $\Sigma$ PCN<sub>62</sub>: 1.55"

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Fri 18 July 2008 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	89 °F		Dir. SW	Temp	TSHRA ~ 1640-1650 LT		
Min.	68 °F		Vel. 0 m.p.h.	Read.	FG ~ 2340-0000 LT ~ 0100-0700 LT		
Set	70 °F		Char. calm	Corr.	0700	1300	1900
R.H.	87 %		24 hr. Mov. — mi.	Sea L.	Clds.	Clds. Cu	Clds. Sc
Ppn. Liq.	0.03 in.		Prev. Dir. —	3 hr. Tend.	0/10	5/10	6/10
Ppn. Sol.	0.0 in.		Snow Depth 0 in.	Observer	Wx CLR w/ HZ	Wx HZ	Wx HZ
					Vis.	Vis.	Vis.
					17 mi.	17 mi.	17 mi.

$\bar{T}: 79$

HDD: 0

$\Sigma$ HDD: 0

CDD: 14

$\Sigma$ CDD: 131

$T_{DAVIS}: 70/70$

$T_{UNV}: 68/68$

MMTS: 86/66/69

$T_W: 67$

$T_D: 66$

$\Sigma PCN_{62}: 1.62''$

$PCN_{62}: 0.02''$

$\Sigma PCN_{62}: 1.57''$

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Sat 19 JUN 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 90 °F	Dir. W/SW	Temp 68 °F	-SHRA ~ 1555 LT - 1610 LT -SHRA ~ 1900 - 1920 LT FG ~ 0120 - 0740 LT			
Min. 70 °F	Vel. 0 m.p.h.	Read. 28.84 in.				
Set 72 °F	Char. calm	Corr. 28.83 in.	0700	1300	1900	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. AC/AS 7/10	Clds.	Clds. 3/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. mb	Wx HZ	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 17 mi.	Vis. mi.	Vis. 10 mi.	

F: 80  
ADD: 0  
 $\Sigma$ HDD: 0  
CDD: 15  
 $\Sigma$ CDD: 146

TDAVIS: 73/71  
TUNN: 72/68  
MMTS: 87/68/72

TW: 68  
TD: 66

$\Sigma$ PCN<sub>2</sub>: 1.62"

PCN<sub>62</sub>: T  
 $\Sigma$ PCN<sub>62</sub>: 1.57"

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Sund 0 July 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 89 °F		Dir. W	Temp 68 °F			
Min. 68 °F		Vcl. 1 m.p.h.	Read. 28.86 in.			
Set 71 °F		Char. Calm	Corr. 28.74 in.	0700	1300	1900
R.H. 76 %		24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 5/10	Clds.	Clds. 1/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. ~ 0.0 mb	Wx RZ	Wx	Wx
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer BS	Vis. 6 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$ : 79  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 14  
 $\Sigma$ CDD: 160

T DAVIS: 70/66  
T UNV: 70/63  
MMTS 87/ 67/70

$T_w$ : 66  
 $T_o$ : 63

$\Sigma$ PCN<sub>L</sub>: 1.62"

PCN<sub>GR</sub>: 0.50

$\Sigma$ PCN<sub>GR</sub>: 1.57"

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Mon 21 July 2003

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 90 °F	Dir. W	Temp 68 °F	55RA-1700-1740 LT			
Min. 66 °F	Vel. 3 m.p.h.	Read. 28.82 in.	5HR4-1800-1820 LT			
Set 68 °F	Char. Steady	Corr. 28.70 in.	PRGST 46, 1655 LT			
			0700	1300	1900	
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. 8/10	Clds. Cw 6/10	Clds. 6/10	
Ppn. Liq. 0.25 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx H2	Wx H2	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 4 mi.	Vis. 25 mi.	Vis. 10 mi.	

$\bar{T}: 78$   
HDD: 0  
 $\Sigma$ HDD: 0  
COD: 13  
 $\Sigma$ COD: 173

$T_{DAV}$ : 67/67  
 $T_{JW}$ : 68/66  
MMTS: 89/65/67

$T_w$ : 63  
 $T_o$ : 60

$\Sigma PCN_{ca}$ : 1.87"

$PCN_{ca}$ : 0.26"  
 $\Sigma PCN_{ca}$ : 1.83"

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Tues 22 July 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 85 °F	Dir. SW	Temp 68 °F	SHA - 2240 - 2300 LT TSHA - 2320 - 2340 LT					
Min. 65 °F	Vel. 1 m.p.h.	Read. 28.89 in.						
Set 67 °F	Char. Calm	Corr. 28.77 in.	0700	1300	1900			
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. 4/10	Clds. 6/10	Clds. 6/10 <sup>ci</sup>			
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. / H <sub>0</sub> mb	Wx Hz	Wx P-cloudy	Wx			
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 4 mi.	Vis. 17 mi.	Vis. 17 mi.			

$\bar{T}: 75$   
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 10  
 $\Sigma$ CDD: 183

T<sub>DAVS</sub>: 67/67  
T<sub>UNV</sub>: 66/66  
M<sub>MTS</sub>: 83/63/66

T<sub>w</sub>: 64  
T<sub>o</sub>: 62

$\Sigma$ PCN<sub>va</sub>: 1.91"

PCN<sub>va</sub>: 0.06"  
 $\Sigma$ PCN<sub>va</sub>: 1.89"

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Wed 23 July 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. SSW	Temp 68 °F	SHRA - 1000 - 1030 LT			
Min. 67 °F	Vel. 0 m.p.h.	Read. 28.85 in.	TSRA - 0320 - 440 LT			
Set 67 °F	Char. Calm	Corr. 28.73 in.	SHRA - 0500 - 0800 LT			
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. 10/10 <sup>Ns</sup>	Clds. Ns 10/10	Clds. Sc/As 9/10	
Ppn. Liq. 0.16" in.	Prev. Dir. —	3 hr. Tend. — mb	Wx SHRA Fog	Wx cldy	Wx m cldy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 2 mi.	Vis. 17 mi.	Vis. 25 mi.	

$\bar{T}: 76$

HDD: 0

$\Sigma$ HDD: 0

CDD: 11

$\Sigma$ CDD: 194

T<sub>AN</sub>: 67/67

T<sub>UN</sub>: 66/66

MMTS: 82/65/66

T<sub>w</sub>: 67

T<sub>p</sub>: 67

$\Sigma PCN_L = 2.07''$

PCN<sub>60</sub>: 0.18''

$\Sigma PCN_{60} = 2.07''$

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Thu 24 July 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F	Dir. W/WSW	Temp 66 °F	SHRA ~ 0820-0840 LT -SHRA ~ 0840-1240 LT			
Min. 59 °F	Vel. 2 m.p.h.	Read. 28.82 in.	SHRA ~ 1645-1710 LT SHRA ~ 1710-1750 LT FG ~ 2200-0759 LT			
Set 62 °F	Char. light	Corr. 28.71 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. St/NS 10/10	Clds. Sc/cw 7/10	Clds. 1/10	
Ppn. Liq. 0.45 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx CLDY/FG	Wx P/CLDY	Wx SUNNY	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}$ : 67  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 2  
 $\Sigma$ CDD: 196

T<sub>DAVIS</sub>: 62/62  
T<sub>UNN</sub>: 61/61  
MMTS: 72/58/61

T<sub>N</sub>: 61  
T<sub>D</sub>: 61

$\Sigma$ PCN<sub>L</sub>: 2.52"

PCN<sub>G2</sub>: 0.48"  
 $\Sigma$ PCN<sub>G2</sub>: 2.55"

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Fri 25 July 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. SW	Temp 66 °F	TSHRA ~ 1420 - 1540 LT			
Min. 58 °F	Vel. 0 m.p.h.	Read. 29.02 in.	SHRA ~ 0215 - 0240 LT			
Set 60 °F	Char. Calm	Corr. 28.91 in.	FG ~ 0640 - 0720 LT			
			0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. AS 2/10	Clds. Cu 6/10	Clds. a 1/10	
Ppn. Liq. 0.08 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx M/sunny	Wx P/sunny	Wx r/clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}: 68$   
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 3  
 $\Sigma$ CDD: 199

T<sub>DATA</sub>: 64/103  
T<sub>UNV</sub>: 59/57  
MMTS: 74/57/60

T<sub>w</sub>: 57  
T<sub>d</sub>: 55

$\Sigma$ PCN<sub>L</sub>: 2.60"

PCN<sub>G2</sub>: 0.09"  
 $\Sigma$ PCN<sub>G2</sub>: 2.64"

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Sat JULY 26 2008 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SW	Temp 66 °F				
Min. 60* °F	Vel. 0 m.p.h.	Read. 28.90 in.				
Set 65 °F	Char. Calm	Corr. 28.79 in.	*UVNT LOW: 63			
						0700
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. 0/10	Clds.	Clds. 7/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.5 mb	Wx CLR	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. mi.	Vis. 17 mi.	

$\bar{T}$ : 71  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 6  
 $\Sigma$ CDD: 205

$T_{DAVIS}$ : 66/63       $T_w$ : 61  
 $T_{UNV}$ : 64/59       $T_D$ : 59  
MMTS: 80/61/64

$\Sigma PCN_L = 2.60''$

$PCN_{G2} = 0.00''$   
 $\Sigma PCN_{G2} = 2.64''$

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Sun July 27 2008

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F	Dir. WNW	Temp 66 °F	-SHRA ~ 1330			
Min. 65* °F	Vel. 1 m.p.h.	Read. 28.80 in.				
Set 71 °F	Char. Calm	Corr. 28.69 in.	*OVRT LOW = 69			
			0700	1300	1900	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. 2/10	Clds.	Clds. 5/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. — mb	Wx Hz	Wx	Wx	
Ppn. Sol. 0-0 in.	Snow Depth 0 in.	Observer BS	Vis. 4 mi.	Vis. mi.	Vis. 10 mi.	

$\bar{T}: 74$   
HDD: 0  
 $\Sigma HDD: 0$   
CDD: 9  
 $\Sigma CDD: 214$

TRAVEL: 71/68  
T<sub>UNV</sub>: 70/63  
MMD: 8 2/64/70

T<sub>IN</sub>: 66  
T<sub>O</sub>: 64

$\Sigma PCN_{\text{L}}: 2.60''$

$PCN_{\text{GR}}: T$   
 $\Sigma PCN_{\text{GR}}: 2.64''$

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Mon July 28 2008

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. W	Temp 68 °F				
Min. 60 °F	Vel. 0 m.p.h.	Read. 28.83 in.				
Set 63 °F	Char. calm	Corr. 28.71 in.				
			0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. 5/10	Clds. cu 5/10	Clds. AS 1/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx H2	Wx H2	Wx H2	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 4 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 77  
HDD: 0  
 $\Sigma$ HDD: 0  
LDD: 6  
 $\Sigma$ LDD: 220

TRAVIDS: 63/61  
TUNE: 59/57  
MMIS: 79/59/62

TW: 60  
TD: 58

$\Sigma$ PCV<sub>63</sub>: 2.60"

PCV<sub>63</sub>: 0.00"  
 $\Sigma$ PCV<sub>63</sub>: 2.64"

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Tues July 29 accs

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. WWSW	Temp 66 °F			
Min.	* 63 °F	Vel. 1 m.p.h.	Read. 28.89 in.			
Set	66 °F	Char. Calm	Corr. 28.78 in.	*OUNT LOW: 64		
				0700	1300	1900
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 1/10	Clds. 3/10 <sup>uv</sup>	Clds. 4/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. / +0.5 mb	Wx Hz	Wx m. sunny	Wx
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 10 mi.	Vis. 17 mi.	Vis. 10 mi.

T: 74

HDD: 0

$\Sigma$ HDD: 0

CDD: 9

$\Sigma$ CDD: 224

T Davis: 06/62

T JMV: 64/59

MMS: 81/62/65

Tw: 60

To: 58

$\Sigma$ PCN<sub>60</sub>: 2.60"

PCN<sub>60</sub>: 0.00"

$\Sigma$ PCN<sub>60</sub>: 2.64"

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Wed July 30 2003 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. S	Temp 69 °F				
Min. 64 °F	Vel. 1 m.p.h.	Read. 28.82 in.				
Set 65 °F	Char. calm	Corr. 28-70n.				
			0700	1300	1900	
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. 8/10	Clds. AS 7/10 Cu	Clds. AC 9/10 AS	
Ppn. Liq. 0-00 in.	Prev. Dir. —	3 hr. Tend. — mb	Wx Fog, HZ	Wx HZ	Wx HZ	
Ppn. Sol. 00 in.	Snow Depth 0 in.	Observer BS	Vis. 4 mi.	Vis. 17 mi.	Vis. 17 mi.	

T: 75

HDD: 0

Σ HDD: 0

LOD: 10

Σ LOD: 239

T<sub>DAVES</sub>: 65/63

T<sub>JUNV</sub>: 63/61

MMTS: 83/63/64

T<sub>w</sub>: 60

T<sub>0</sub>: 57

Σ PCN<sub>L</sub>: 2.60"

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

Σ PCN<sub>ea</sub>: 2.64"

TU 31 JULY 2005 1700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. W/NW	Temp 67 °F	-SHRA ~ 1600 - 1740 LT FG ~ 1820 - 0759 LT			
Min. 65* °F	Vel. 4 m.p.h.	Read. 28.64 in.	*DUNN LOW = 66			
Set 70 °F	Char. light	Corr. 28.53 in.	0700	1300	1900	
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 29.82 in.	Clds. cu 6/10	Clds. cu 5/10	Clds. 1/10	
Ppn. Liq. 0.05 in.	Prev. Dir.	3 hr. Tend. +0.5 mb	Wx D. CLOUDY HZ	Wx P. cloudy	Wx m. sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 20 mi.	Vis. 17 mi.	Vis. 10 mi.	

$\bar{w} = 7.5$   
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 10  
 $\Sigma$ CDD: 249

$\bar{T}_{DAYS} = 70/70$   
 $T_{UNV} = 70/68$

$\bar{w} = 67$   
 $T_D = 66$

NMTS 83/104/70

(JULY TEMPS)  
 $\bar{T}_{MAX} = 82.4^\circ F$   
 $\bar{T}_{MIN} = 63.0$

$\Sigma PCN_L = 2.65$   $\bar{T}_{NL} = 72.7$

$PCN_{62} = 0.076$   
 $\Sigma PCN_{62} = 2.70$

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