

Fri 1 May 2009

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 63* °F	Dir. SSW	Temp 72 °F	1530-1900 LT: -SHRA/RA/-DZ			
Min. 52* °F	Vel. 3 m.p.h.	Read. 28.82 in.	2130-2330 LT: -SHRA 0730-085 LT: -SHRA * high occurred approx 1130 Z			
Set 61 °F	Char. BUSTY	Corr. 28.70 in.	*OVNLT: 55°F			
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds NS 10/10	Clds.	Clds. 8/10	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. — + — mb	Wx -SHRA	Wx	Wx m. cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AJ JT	Vis. 13 mi.	Vis. mi.	Vis. 17 mi.	

T: 58  
HDD: 7  
ΣHDD: 7  
CDD: 0  
ΣCDD: 0

T<sub>DAVIS</sub>: 60/59      T<sub>W</sub>: 60  
T<sub>UNN</sub>: 57/55      T<sub>D</sub>: 59  
M<sub>MTS</sub>: 61/51/60

ΣPCN<sub>L</sub>: 0.05"  
ΣPCN<sub>S</sub>: 0.0

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Saturday 2 May 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. N	Temp 72 °F	-RA/OZ: 1000 - 1320 LT			
Min. 52 °F	Vel. 5 m.p.h.	Read. 28.80 in.	-RA: 2200 - 2340 LT			
Set 52 °F	Char. Steady	Corr. 28.68 in.	SHRA: 0040 - 0200 LT			
R.H. 81 %	24 hr. Mov. - mi.	Sea L. 30.03 in.	0700 Clds. sr 10/10	1300 Clds.	1900 Clds. c. 1/16	
Ppn. Liq. 0.17 in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx m. cloudy	Wx	Wx m. clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AF	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T}$ : 62  
HDD: 3  
 $\Sigma$ HDD: 10  
CDD: 0  
 $\Sigma$ CDD: 0

$T_{DAVIS}$ : 53/50  
 $T_{unw}$ : 50/45  
MNTS: 70/51/51

$T_w$  50<sup>3</sup>  
 $T_j$ : 48

$\Sigma PCN_L$ : 0.22"  
 $\Sigma PCN_S$ : 0.0"

5/2/09

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Sunday 3 May 2009

0700 EST

Meteorology  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. W	Temp 72 °F			
Min.	47 °F	Vel. 0 m.p.h.	Read. 29.86 in.			
Set	47 °F	Char. calm	Corr. 29.75 in.	0700	1300	1900
R.H.	72 %	24 hr. Mov. - mi.	Sea L. 30.11 in.	Clds. 10/10	Clds.	Clds. 9/10
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx overcast	Wx	Wx m. cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer SS	Vis. 25 mi.	Vis. mi.	Vis. 17 mi.

$\bar{T}$ : 56  
HDD: 9  
 $\Sigma$  HDD: 19  
CDD: 0  
 $\Sigma$  CDD: 0

$T_{DAVIS}$ : 48/44  
 $T_{UNV}$ : 46/43  
MMTS: 02/46/47

$T_w$ : 44  
 $T_d$ : 41

$\Sigma PCN_L$ : 0 22"  
 $\Sigma PCN_S$ : 0 0"

5/3/09

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Monday 4 May 2009

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 58 °F		Dir. ESE	Temp 71 °F	OCLL - RA, 02° 1200 - 1510 LT - RA: 0720 - obs		
Min. 47 °F		Vel. 0 m.p.h.	Read. 28.87 in.			
Set 49 °F		Char. calm	Corr. 28.75 in.	0700	1300	1900
R.H. 100 %		24 hr. Mov. - mi.	Sea L. 30.09 in.	Clds. 025 10110	Clds. 025 10110	Clds. 9110
Ppn. Liq. 0.09 in.		Prev. Dir. -	3 hr. Tend. -0.0 mb	Wx -RA, FC	Wx -RA	Wx m. Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer SS	Vis. 1.5 mi.	Vis. mi.	Vis. 7 mi.

T: 53  
HDD: 12  
 $\Sigma$ HDD: 31  
CDD: 0  
 $\Sigma$ CDD: 0

T<sub>DAVES</sub>: 47/46  
T<sub>UNV</sub>: 47/46  
MMTS: 56/47/48

T<sub>w</sub>: 49  
T<sub>o</sub>: 49

$\Sigma$ PCNL: 0.31°

$\Sigma$ PCNS: 0.0°

5/4/09

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Tuesday 5 May 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 52 °F	Dir. NE	Temp 70 °F	-RA obs. -20.00 LT			
Min. 49 °F	Vel. 3 m.p.h.	Read. 28.97 in.				
Set 49 °F	Char. Steady	Corr. 28.95 in.	0700	1300	1900	
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. Sc 9/10	Clds. 10/10	Clds. Sc 10/10	
Ppn. Liq. 0.63" in.	Prev. Dir. —	3 hr. Tend. ✓ +1.0 mb	Wx overcast	Wx overcast	Wx OVERCAST	
Ppn. Sol. 0.0" in.	Snow Depth 0.0" in.	Observer BS	Vis. 17 mi.	Vis. 17 mi.	Vis. 15 mi.	

F: 51  
HDD: 14  
 $\Sigma$ HDD: 45  
CDD: 0  
 $\Sigma$ CDD: 0

TRAVIS: 50/50  
TUNIV: 48/48  
MMTS: 56/47/48

TW: 46  
FD: 43

$\Sigma$ PCNs: 0.99"  
 $\Sigma$ PCNs: 0.0"

5/5/09

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Wednesday 6 May 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. —	Temp 71 °F	RA: 085 - 1720			
Min. 49 °F	Vel. 0 m.p.h.	Read. 28.90 in.	DZ: 1740 - 1940			
Set 53 °F	Char. calm	Corr. 28.78 in.	*OVRT LOW: 53°F			
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	0700 Clds. ST 10/10	1300 Clds. 10/10	1900 Clds. NS SC 10/10	
Ppn. Liq. 0.32 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx m. cloudy	Wx -RA	Wx RA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AF	Vis. 17 mi.	Vis. 17 mi.	Vis. 15 mi.	

T: 53  
HDD: 12  
 $\Sigma$ HDD: 57  
CDD: 0  
 $\Sigma$ CDD: 0

T<sub>oavis</sub>: 52/52  
T<sub>unv</sub>: 51/51  
MMTS: 54/48/51

T<sub>w</sub>: 53  
T<sub>j</sub>: 53

$\Sigma$ PCN<sub>2</sub>: 1.31"  
 $\Sigma$ PCN<sub>3</sub>: 0.0"

5/6/09

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Thu 7 May 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F	Dir. WSW	Temp 71 °F	-SHRA, OCCLRAN 1840-0320 LT			
Min. 52* °F	Vel. 1 m.p.h.	Read. 28.76 in.				
Set 56* °F	Char. light	Corr. 28.64 in.	*OUNT LOW: 56			
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	0700 Clds. SC 10/10	1300 Clds. 4/10	1900 Clds. Ci 4/10 SC	
Ppn. Liq. 0.34 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx OVERCAST	Wx m. cloudy	Wx p. cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 59  
HDD: 6  
ΣHDD: 63  
CDD: 0  
ΣCDD: 0

TDAVIS: 58/54  
TUNN: 56/52  
MMTS: 64/51/55

Tw: 53  
Td: 51

ΣPCN<sub>L</sub>: 1.65"  
ΣPCN<sub>S</sub>: 0.0"

5/7/09

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Fri 8 May 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. SW	Temp 72 °F			
Min.	52 °F	Vel. 4 m.p.h.	Read. 28.73 in.			
Set	55 °F	Char. Light	Corr. 28.6 in.	0700	1300	1900
R.H.	92 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 10/10	Clds. 6/10	Clds. 10/10 NS
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx m. cloudy	Wx m. cloudy	Wx -SHRA
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 17 mi.	Vis. 25 mi.	Vis. mi.

$\bar{T}: 61$

HDD: 4

$\Sigma$ HDD: 67

CDD: 0

$\Sigma$ CDD: 0

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$T_{DAMS}: 56/55$   $T_W: 53$

$T_{UNW}: 54/52$   $T_D: 52$

MMTS: 68/51/55

$\Sigma PCN_L: 1.65''$

$\Sigma PCN_S: 0.0''$

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Saturday 9 May 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F	Dir. N	Temp 72 °F	-RA/DZ: 2140 - 2246 LT			
Min. 55 °F	Vel. 3 m.p.h.	Read. 28.60 in.	*OUNT LOW: 58°F			
Set 60 °F	Char. steady	Corr. 28.48 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. - mi.	Sea L. 29.79 in.	Clds. Cu/Li 9/10	Clds. 0/10	Clds. 0/10	
Ppn. Liq. 0.01 in.	Prev. Dir. -	3 hr. Tend. - 0.0 mb	Wx m. cloudy	Wx Clear	Wx Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AF	Vis. 6 mi.	Vis. 10 mi.	Vis. 10 mi.	

$\bar{T}$ : 64  
HDD: 1  
 $\Sigma$ HDD: 68  
CDD: 0  
 $\Sigma$ CDD: 0

$T_{Davis}$ : 59/59  
 $T_{unw}$ : 59/59  
MMTS: 71/55/58

$T_w$ : 60  
 $T_d$ : 60

$\Sigma PCW_L$ : 1.66"  
 $\Sigma PCW_S$ : 0.0"

5/9/04

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Sunday 10 May 2009

Meteorological Observatory  
Univeristy Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. WNW	Temp 72 °F			
Min.	48 °F	Vel. 17 m.p.h.	Read. 28.71 in.			
Set	50 °F	Char. Gusty	Corr. 28.59 in.	0700	1300	1900
R.H.	78 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 8/10	Clds. 5/10	Clds. 3/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx m. cloudy	Wx P. cloudy	Wx M. clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

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$\bar{T}$ : 62

$T_{\text{DAVIS}}$ : 51/46

$T_w$ : 44

HDD: 3

$T_{\text{UNV}}$ : 50/43

$T_d$ : 46

$\Sigma$ HDD: 71

MMTS: 75/47/50

CDD: 0

$\Sigma$ CDD: 0

$\Sigma$ PCN<sub>L</sub>: 1.66"

$\Sigma$ PCN<sub>S</sub>: 0.0 "

5/10/09

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$\bar{T}$ : 52  
HDD: 13  
 $\Sigma$ HDD: 84  
CDD: 0  
 $\Sigma$ CDD: 0

$T_{DAVIS}$ : 46/41  
 $T_{UNV}$ : 44/40

$T_{IV}$ : 43  
 $T_d$ : 40

MMTS: 58/41/44

$\Sigma$ PCN<sub>L</sub>: 1.66"

$\Sigma$ PCN<sub>S</sub>: 0.0"

5/11/2009

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Tuesday 12 May 2009  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. NNW	Temp 71 °F	-SHRA ~1000-1130LT ~2000-2030LT			
Min. 39 °F	Vel. 2 m.p.h.	Read. 29.10 in.				
Set 45 °F	Char. Light	Corr. 28.99 in.	0700	1300	1900	
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 3036 in.	Clds. 1/10	Clds. 5/10	Clds. 1/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx <sup>Alto Cumulus</sup> M. Clear	Wx P. Cloudy	Wx Calm	
Ppn. Sol. 00 in.	Snow Depth 0 in.	Observer AB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}$ : 50  
HDD: 15  
 $\Sigma$ HDD: 99  
CDD: 0  
 $\Sigma$ CDD: 0

$T_{\text{DAVIS}}$ : 45/39

$T_w$ : 42

$T_{\text{UNV}}$ : 44/36

$T_d$ : 40

MMTS: 58/38/44

$\Sigma$ PCN<sub>L</sub>: 1.66"

$\Sigma$ PCN<sub>S</sub>: ~~0.00~~"

5/12/2009



Wednesday 13 May 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. —	Temp 72 °F				
Min. 40 °F	Vel. 0 m.p.h.	Read. 29.20 in.				
Set 45 °F	Char. Calm	Corr. 29.08 in.	0700	1300	1900	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	Clds. -cs 7/10	Clds. 5/10	Clds. 8/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx M. Clear Cum cirrus	Wx P. Cloudy Cirrus	Wx M. Cloudy Strato Cumulus	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

HDD: 14  
 $\Sigma$ HDD: 113  
CDD: 0  
 $\Sigma$ CDD: 0

T Davis: 46/40  
T Univ: 43/38  
MMTS: 41/38/43

Tw: 40  
Td: 34

$\Sigma$ FCN: 1.66"  
 $\Sigma$ FCNs: 0.00"

5/13/2000

THURS 14 MAY 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 71 °F		Dir. SSW		Temp 72 °F	- RASH 0020 - 0140 LT 0400 - 0720 LT		
Min. 45 * °F		Vel. 2 m.p.h.		Read. 29.00 in.			
Set 55 °F		Char. Gusty		Corr. 28.88 in.	* OVNT LOW 53		
					0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.		Sea L. 30.23 in.	Clds. 10/10	Clds. 6/10	Clds. 4/10
Ppn. Liq. 0.15 in.		Prev. Dir. —		3 hr. Tend. -2mb mb	Wx Strato cloudy	Wx SCU Ci	Wx Clearing AltoCu
Ppn. Sol. 0.0 in.		Snow Depth 0 in.		Observer AS	Vis. 17 mi.	Vis. 25 mi.	Vis. 17 mi.

$\bar{T}$ : 58  
HDD: 7  
 $\Sigma$ HDD: 120  
CDD: 0  
 $\Sigma$ CDD: 0

$\bar{T}_{davis}$ : 55/54       $\bar{T}_w$ : 54  
 $\bar{T}_{UNV}$ : 54/52       $\bar{T}_d$ : 54  
MMTS: 69/43/54

$\Sigma$ PCN<sub>L</sub>: 1.81"  
 $\Sigma$ PCN<sub>S</sub>: 0.00"

5/14/2009

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Friday 15 May 2009

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. SW	Temp 73 °F		-SHRA 0910 - 0925 LT -SHRA 1440 - 1600 LT +SHTS 1720 - 1740 LT		
Min. 52 °F	Vel. 2 m.p.h.	Read. 29.11 in.				
Set 52 °F	Char. Steady	Corr. 28.99 in.		0700	1300	1900
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 36.35 in.	Clds. 10/10	Clds. P. Cloudy 4/10	Clds. 2/10	
Ppn. Liq. 0.34 in.	Prev. Dir. —	3 hr. Tend. +3 mb	Wx Dense Fog	Wx Stratus	Wx M. Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 1/8 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 00  
HDD: 5  
ΣHDD: 125  
CDD: 0  
ΣCDD: 0

Tdavis: 53/53  
Tunv: 53/53  
MMTS: 66/50/51

Tw: 51  
Td: 50

ΣPCN<sub>2</sub>: 2.15"

ΣPCN<sub>5</sub>: 0.00"

5/15/2009

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Saturday 16 May 2009  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F	Dir. SSW	Temp 72 °F				
Min. 52 °F	Vel. 8 m.p.h.	Read. 28.91 in.				
Set 67 °F	Char. Light	Corr. -0.78 in.	* OVNT LOW 67			
						0700
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 9/10	Clds. 1/10	Clds. 10/10	
Pptn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1 mb	Wx Lt. Wind Muggy	Wx M. Clear	Wx Rain	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 4 mi.	Vis. 25 mi.	Vis. 17 mi.	

F: 64  
HDD: 1  
ΣHDD: 126  
CDD: 0  
ΣCDD: 0

Tdavis: 67/66  
Turn: 67/63  
MMTS: 74/51/66

Tw: 63  
Td: 61

ΣPCNL: 2.15"  
ΣPCNs: 0.00"

5/16/09

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Sunday 17 May 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. NNW	Temp 72 °F		SHRA 1400-1415, 2200-2300 LT -SHRA 1600-1715, 1900-2000, 2300-0000 LT -TSRA 1600-1700 LT		
Min. 46 °F	Vel. 11 m.p.h.	Read. 29.05 in.				
Set 47 °F	Char. Gusty	Corr. 28.93 in.		0700	1300	1900
R.H. 60 %	24 hr. Mov. — mi.	Sea L. 3031 in.	Clds. 10/10	Clds. 0/10	Clds. 0/10	
Ppn. Liq. 0.35 in.	Prev. Dir. —	3 hr. Tend./ +3 mb	Wx Low St cloudy High Ci	Wx CLR	Wx P. Cloudy Cirrostratus	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

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T: 63  
HDD: 2  
ΣHDD: 128  
CDD: 0  
ΣCDD: 0

T<sub>DAVIS</sub>: 47/37

T<sub>w</sub>: 41

T<sub>UNV</sub>: 47/35

T<sub>d</sub>: 32

MMTS: 78/45/45

ΣPCNL: 2.50"  
ΣPCNS: 0.00"

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Monday May 18, 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. N	Temp 71 °F				
Min. 39 °F	Vel. 6 m.p.h.	Read. 29.34 in.				
Set 42 °F	Char. Breezy	Corr. 29.23 in.				
			0700	1300	1900	
R.H. 55 %	24 hr. Mov. — mi.	Sea L. 30.64 in.	Clds. 0/10	Clds. 1/10	Clds. 0/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +3/mb	Wx Clear	Wx M. clear Light Breeze	Wx clear Slight Breeze	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JF	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}$ : 49  
HDD: 16  
 $\Sigma$ HDD: 144  
CDD: 0  
 $\Sigma$ CDD: 0

$\bar{T}_{DAVIS}$ : 44/28  
 $\bar{T}_{UNV}$ : 43/23  
MMTS: 57/37/41

$\bar{T}_W$ : 36  
 $\bar{T}_D$ : 27

$\Sigma$ PCNL: 2.50"  
 $\Sigma$ PCNS: 0.00"

5/18/2009

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Tuesday May 19, 2009  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F		Dir. ESE	Temp 71 °F			
Min. 37 °F		Vel. 0 m.p.h.	Read. 29.45 in.			
Set 42 °F		Char. Calm	Corr. 29.34 in.	0700	1300	1900
R.H. 71 %		24 hr. Mov. — mi.	Sea L. 30.75 in.	Clds. 0/10	Clds. 0/10	Clds. 1/10
Ppn. 0.00 in.	Liq.	Prev. Dir. —	3 hr. Tend. +3.1 mb	Wx Sunny clear	Wx Clear	Wx M. Clear
Ppn. 0.0 in.	Sol.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 49  
HDD: 16  
ΣHDD: 160  
CDD: 0  
ΣHDD: 0

T<sub>DAVIS</sub>: 43/35  
T<sub>UNV</sub>: 38/33  
MMTS: 58/35/41

T<sub>w</sub>: 40  
T<sub>o</sub>: 33

ΣPCN<sub>L</sub>: 2.50"  
ΣPCN<sub>S</sub>: 0.00"

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5/19/2009

Wednesday May 20, 2009  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F	Dir. —	Temp 70 °F				
Min. 42 °F	Vel. 0 m.p.h.	Read. 29.26 in.				
Set 52 °F	Char. CALM	Corr. 29.15 in.	* OVA 22.2 49			
						0700
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 30.52 in.	Clds. Hgnci 3/10	Clds. Cir Str 1/10	Clds. 0/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx M. Sunny	Wx M. Sunny	Wx (Clear) Sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

F: 57  
HDD: 8  
ΣHDD: 168  
LDD: 0  
ΣCDD: 0

Tdavis: 54/45  
Tunv: 51/41  
MMTS: 70/41/51

Tw: 46  
Td: 40

ΣPCN: 2.50"  
ΣPCN: 0.00"

5/20/2009

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Thursday May 21, 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F	Dir. SSW	Temp 72 °F				
Min. 52* °F	Vel. 1 m.p.h.	Read. 29.34 in.				
Set 58 °F	Char. Calm	Corr. 29.23 in.	*OVNT LOW: 55			
			0700	1300	1900	
R.H. 60 %	24 hr. Mov. — mi.	Sea L. 30.59 in.	Clds. 0/10	Clds. 0/10	Clds. 0/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +3' mb	Wx sunny clear	Wx sunny warm clear	Wx clear calm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 68  
HDD: 0  
 $\Sigma$ HDD: 168  
CDD: 3  
 $\Sigma$ CDD: 3

T DAVIS: 59/48  
T UNV: 58/45  
MMTS: 79/51/57

Tw: 52  
Td: 44

$\Sigma$ PCNs: 2.50"  
 $\Sigma$ PCNs: 0.00"

5/21/2009

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Friday May 22, 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. SW	Temp 73 °F			
Min. * 57 °F	Vel. 0 m.p.h.	Read. 29.05 in.			
Set 60 °F	Char. Calm	Corr. 28.93 in.	* OVNT LOW: 59		
			0700	1300	1900
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 38.27 in.	Clds. Ci 7/10	Clds. Alto 6/10 <sup>cu</sup>	Clds. 7/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Sunny Calm	Wx Sunny warm	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

F: 71  
HDD: 0  
 $\Sigma$ HDD: 168  
CDD: 0  
 $\Sigma$ CDD: 9

Tdavis: 00/55  
Tinv: 00/51  
MMST: 03/55/59

Tw: 53  
Td: 48

$\Sigma$  PCN<sub>L</sub>: 2.50"  
 $\Sigma$  PCN<sub>S</sub>: 0.00"

5/22/2009

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Saturday May 23, 2009  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. NE	Temp 74 °F				
Min. * 60 °F	Vel. 0 m.p.h.	Read. 29.03 in.				
Set 62 °F	Char. Calm	Corr. 28.90 in.	* DVNT LOW: 62			
			0700	1300	1900	
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. 10/10	Clds. 5/10	Clds. <sup>Alto</sup> <sub>CS</sub> 6/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Cloudy Warm	Wx P. Cloudy Warm	Wx P. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 72  
HDD: 0  
 $\Sigma$ HDD: 168  
LDD: 7  
 $\Sigma$ CDD: 16

Tdavis: 62/58  
Tunv: 60/56  
MMTS: 82/59/60

Tw: 57  
Td: 54

$\Sigma$ PCNs: 2.50"  
 $\Sigma$ PCNs: 0.00"

5/23/2009

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Sunday May 24, 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. S	Temp 74 °F			
Min. 60 °F	Vel. 0 m.p.h.	Read. 29.00 in.			
Set 62 °F	Char. Calm	Corr. 28.87 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. AltoCu 6/10 Cirrostr	Clds. 6/10	Clds. HighCi 8/10 StrCu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx P. cloudy	Wx P. cloudy	Wx P. cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 17 mi.

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T: 71  
HDD: 0  
ΣHDD: 168  
CDD: 6  
ΣCDD: 22

T<sub>DMIS</sub>: 61/61  
T<sub>UNV</sub>: 60/60  
MMTS: 78/58/60

T<sub>w</sub>: 61  
T<sub>b</sub>: 59

ΣPCNL: 2.50"  
ΣPCNS: 0.10"

5/24/2009

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Monday May 25, 2009

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. NNE	Temp 74 °F				
Min. 61 °F	Vel. 1 m.p.h.	Read. 28.97 in.				
Set 62 °F	Char. Breezy	Corr. 28.84 in.				
			0700	1300	1900	
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. St Str Ci 6/10	Clds. Ci Lu 6/10	Clds. St Ci 4/10 W	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +3 mb	Wx P. Cloudy Foggy	Wx P. Cloudy	Wx M. Sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AJ	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 15  
HDD: 0  
 $\Sigma$ HDD: 168  
CDD: 8  
 $\Sigma$ CDD: 30

T<sub>DAVIS</sub>: 63/60  
T<sub>UNV</sub>: 61/57  
MMTS: 83/60/61

T<sub>w</sub>: 60  
T<sub>d</sub>: 58

$\Sigma$ PCN<sub>t</sub>: 2.50"  
 $\Sigma$ PCN<sub>s</sub>: 0.00"

5/25/2009

Tuesday May 26, 2009 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F		Dir. ENE	Temp 73 °F	SARA 0720-0800 LT		
Min. 54 °F		Vel. 5 m.p.h.	Read. 29.05 in.			
Set 54 °F		Char. Breezy	Corr. 28.93 in.			
				0700	1300	1900
R.H. 80 %		24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10
Ppn. Liq. 0.01 in.		Prev. Dir. —	3 hr. Tend. +1 mb	Wx cloudy Raining	Wx overcast lt. rain	Wx Cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AS	Vis. 17 mi.	Vis. 17 mi.	Vis. 17 mi.

T: 67  
HDD: 0  
 $\Sigma$ HDD: 168  
CDD: 2  
 $\Sigma$ CDD: 32

Tdavis: 53/40  
Tunv: 53/40  
Mmts: 77/51/51

TW: 51  
Td: 48

$\Sigma$ PCNs: 2.51"  
 $\Sigma$ PCNs: 0.00"

5/26/2009

Wednesday May 27, 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. SSE	Temp 72 °F	Read. 28.99 in.	-SHRA 0200 - 1920		
Min. 49 °F	Vel. 2 m.p.h.			-SHRA 0640 - 0420		
				-SHDZ 0520 - 0600		
Set 51 °F	Char. Steady	Corr. 28.87 in.		0700	1300	1900
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10	
Ppn. Liq. 0.32 in.	Prev. Dir. —	3 hr. Tend. -1.5 mb	Wx Cool cloudy	Wx Cool cloudy	Wx cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 6.3 mi.	Vis. 17 mi.	Vis. 17 mi.	

F: 52  
HDD: 13  
EHDD: 181  
CDD: 0  
ECDD: 32

Tdavis: 50/50  
Tunv: 51/50  
MMTS: 52/48/50

Tw: 49  
Td: 47

$\Sigma PCN_L$ : 2.83"  
 $\Sigma PCN_S$ : 0.00"

5/27/2009

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Thursday May 28, 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. S	Temp 72 °F	-SHDZ 2120 - 2300 LT 2340 - 0040 LT			
Min. * 51 °F	Vel. 0 m.p.h.	Read. 28.76 in.	-SHRA 0700 - 0800 LT			
Set 62 °F	Char. Calm	Corr. 28.64 in.	* ONNTFLOW - 60			
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. 10/10	Clds. 10/10	Clds. 7/10	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. 0.5 mb	Wx cloudy Drizzle	Wx cloudy Drizzle	Wx M. Cloudy Humid	
Ppn. Sol. 0.0 in.	Snow Depth 0. in.	Observer AB	Vis 3 mi.	Vis. 5 mi.	Vis. 10 mi.	

$\bar{T}$ : 57  
CDD: 0  
 $\Sigma$ CDD: 32  
HDD: 8  
 $\Sigma$ HDD: 189

T<sub>DAVIS</sub>: 62/62  
T<sub>UNN</sub>: 60/60  
MMTS: 61/50/61

T<sub>N</sub>: 62  
T<sub>D</sub>: 62

$\Sigma$ PCNL: 2.85"  
 $\Sigma$ PCNS: 0.00"

5/28/2009

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Friday May 29, 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. SW	Temp 72 °F		-SHRA 0800 - 0840 LT		
Min. 62 °F	Vel. 5 m.p.h.	Read. 28.63 in.		-SHTS 1620 - 1800 LT		
Set 64 °F	Char. Lt. Breeze	Corr. 28.51 in.		-SHTS 2040 - 2100 LT		
				SHRA 2100 - 2240 LT		
				+SHRA 2300 - 0000 LT		
				SHTS 2320 - 0000 LT		
				-SHRA 0000 - 0020 LT		
				0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.82 in.	Clds. 10/10	Clds. 10/10	Clds. 4/10	
Ppn. Liq. 0.72 in.	Prev. Dir. —	3 hr. Tend. /+1.0mb	Wx Overcast Breezy	Wx Cloudy Humid	Wx M. Sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 6 mi.	Vis. 17 mi.	Vis. 25 mi.	

T: 68  
CDD: 3  
 $\Sigma$ CDD: 35  
HDD: 0  
 $\Sigma$ HDD: 189

Tdavis: 64/64  
Tunv: 63/62  
MMTS: 72/61/64

Tov: 62  
Td: 61

$\Sigma$ PCNL: 3.57"  
 $\Sigma$ PCNs: 0.00"

5/29/2009

Saturday May 30, 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 08 °F	Dir. W	Temp 74 °F		-SHRA 0945 - 0955 LT -SHDZ 1400 - 1430 LT -SHRA 0300 - 0320 LT		
Min. 55 °F	Vel. 3 m.p.h.	Read. 28.80 in.				
Set 59 °F	Char. Light	Corr. 28.67 in.		0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.01 in.		Clds. 8/10	Clds. <del>11/10</del> 5/10 <sup>CO</sup>	Clds. 8/10
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. ✓ +1.0 mb		Wx M. Cloudy	Wx <del>W. M</del> P. Cloudy	Wx Clear Cool
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR		Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

F.62  
HDD: 3  
 $\Sigma$ HDD: 192  
CDD: 0  
 $\Sigma$ CDD: 35

Tdavis: 59/58  
Tunv: 60/54  
MMTS: 66/54/58

Tw: 55  
Td: 52

$\Sigma$ PCNs: 3.58"  
 $\Sigma$ PCNs: 0.00"

5/30/2009

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Sunday May 31st 2009

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. WSW	Temp 73 °F				
Min. 50 °F	Vel. 1 m.p.h.	Read. 28.66 in.				
Set 55 °F	Char. Calm	Corr. 28.74 in.				
			0700	1300	1900	
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Clds. Alto 3/10 <sup>w</sup>	Clds. Str Cu 5/10	Clds. Cir St 2/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Cool M. Sunny	Wx P. cloudy	Wx M. Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}$ : 61  
HDD: 4  
 $\Sigma$ HDD: 196  
CDD: 0  
 $\Sigma$ CDD: 35

$T_{DAVIS}$ : 56/51

$T_w$ : 54  
 $T_d$ : 49

$T_{UNV}$ : 54/47

MMTS: 69/48/55

MAY TEMPS

$\bar{T}_{MAX}$  = 69.1° F

$\bar{T}_{MIN}$  = 50.0°

$\bar{T}_{MEAN}$  = 59.53°

$\Sigma$ PCNL: 3.58"  
 $\Sigma$ PCN<sub>s</sub>: 0.00"

5/31/2009