

Saturday August 1, 2009 0700 EST

Meteorological  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F	Dir. SW	Temp 74 °F	Read. 29.00 in.	+SHRA	0800 - 0840 LT	
				SHRA	0840 - 1020 LT	
				-SHRA	1020 - 1100 LT	
				SHRA	1100 - 1320 LT	
Min. 62 °F	Vel. 1 m.p.h.	Corr. 28.87 in.		-SHRA	1320 - 1400 LT	
				+SHRA	2220 - 2300 LT	
Set 63 °F	Char. Light			0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. st 10/10	Clds. A/Cu 3/10	Clds. C 6/10	Cls —
Ppn. Liq. 1.77 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Cloudy Foggy	Wx M. Sunny Nice	Wx P. cloudy Warm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 1/8 mi.	Vis. 25 mi.	Vis. 25 mi.	

F: 67  
HDD: 0  
EHDD: 0  
CDD: 2  
ECDD: 2

T Davis: 63/63  
T unv: 63/64  
MMTS: 79/62/62

Tw: 63  
Td: 63

$\Sigma PCN_L: 1.77''$

$\Sigma PCN_S: 0.00''$

8/1/2009

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Sunday August 2, 2009

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. W	Temp 74 °F	-SHRA 0615-0800			
Min. 63 °F	Vel. 4 m.p.h.	Read. 28.86 in.				
Set 67 °F	Char. Light	Corr. 28.73 in.	OVNIT LOW: 67			
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. NbSt 10/10	Clds. ST 10/10	Clds. StW 8/10	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. -2 mb	Wx Lt. Rain cloudy	Wx cloudy warm	Wx m. cloudy cool	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 4 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 72  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 7  
 $\Sigma$ CDD: 9

TDAVIS: 67/67  
TUNV: 67/67  
MMTS: 81/62/66

TW: 67  
TD: 67

$\Sigma$ PCNL: 1.81"  
 $\Sigma$ PCNs: 0.00"

8/2/2009

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Monday August 3, 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F		Dir. WNW	Temp 74 °F	-SHRA 0800-0830, 0900-0930		
Min. 58 °F		Vel. 3 m.p.h.	Read. 28.98 in.	-DZ 1700-1715		
Set 61 °F		Char. Light	Corr. 28.85 in.	0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 0/10	Clds. cu 4/10	Clds. AlC 3/10
Ppn. Liq. 0.03 in.		Prev. Dir. —	3 hr. Tend. +3 mb	Wx Clear + Warm	Wx P. Cloudy Nice	Wx A Cloudy warm
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 68  
HDD: 0  
ΣHDD: 0  
CDD: 3  
ΣCDD: 12

TDAVIS: 61/61  
TJNV: 60/59  
MMTS: 76/57/60

Tw: 61  
Td: 61

ΣPCN<sub>L</sub>: 1.84"  
ΣPCN<sub>S</sub>: 0.00'

8/3/2009

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Tuesday August 4, 2009

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F	Dir. SSW	Temp 74 °F				
Min. 60 °F	Vel. 1 m.p.h.	Read. 28.94 in.				
Set 62 °F	Char. Light	Corr. 28.81 in.				
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. 0/10	Clds. Cu 5/10	Clds. St 10/10	
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. +1' mb	Wx clear cool	Wx P. sunny Nice	Wx cloudy Muggy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HS	Vis. 17 mi.	Vis. 25 mi.	Vis. 17 mi.	

T: 69  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 4  
 $\Sigma$ CDD: 16

TDAVIS: 62/62  
TUNV: 60/60  
MMTS: 76/59/60

TW: 62  
TD: 62

$\Sigma$ PCN<sub>L</sub>: 1.84"  
 $\Sigma$ PCN<sub>S</sub>: 0.00"

8/4/2009

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Wednesday August 5, 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F	Dir. NW	Temp 74 °F	SHRA 2040-2100 LT			
Min. * 62 °F	Vel. 4 m.p.h.	Read. 28.86 in.				
Set 68 °F	Char. Light	Corr. 28.73 in.	*OVNT LOW: 66			
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	0700 Clds. ST 10/10	1300 Clds. STW AICW 0/10	1900 Clds. 0/10	
Ppn. Liq. 0.12 in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx Cloudy Lt. Wind	Wx M. cloudy Warm	Wx Clear Calm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 17 mi.	Vis. 23 mi.	Vis. 25 mi.	

F: 73  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 8  
 $\Sigma$ CDD: 24

T Davis: 68/67  
T unv: 68/65  
MMTS: 80/60/67

Tw: 65  
Td: 64

$\Sigma$ PCN: 1.96"

$\Sigma$ PCNs: 0.00"

8/5/2009

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Thursday August 6, 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. NNW	Temp 74 °F				
Min. 55 °F	Vel. 0 m.p.h.	Read. 28.98 in.				
Set 58 °F	Char. Calm	Corr. 28.85 in.				
			0700	1300	1900	
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 0/10	Clds. <sup>Alcu</sup> 5/10 <sup>cu</sup>	Clds. <sup>Sc</sup> 9/10	
Ppn. Liq. 0.00" in.	Prev. Dir. —	3 hr. Tend. +3' mb	Wx Calm Clear	Wx P. Cloudy Nice	Wx M. Cloudy Calm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 67  
HDD: 0  
~~EHDD~~: 0  
CDP: 2  
~~ΣCDD~~: 26

T DAVIS: 59/56  
TUNN: 58/56  
MMTS: 78/~~71~~/58

TW: 58  
TD: 55

$\Sigma PCN_L$ : 1.96"  
 $\Sigma PCN_S$ : 0.00"

8/6/2009

Friday, August 7, 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. NW	Temp 74 °F			
Min.	54 °F	Vel. 1 m.p.h.	Read. 29.06 in.			
Set	57 °F	Char. Light	Corr. 28.93 in.	0700	1300	1900
R.H.	84 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. Ci 7/10	Clds. Ac 6/10 AS	Clds. AS 7/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.0 mb	Wx P. Cloudy Cool	Wx P. Cloudy Nice	Wx P. Cloudy Calm
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

F: 66  
HDD: 0  
ΣHDD: 0  
CDD: 1  
ΣCDD: 27

T<sub>Davis</sub>: 53/57  
T<sub>unv</sub>: 57/56  
M<sub>MTS</sub>: 74/52/57

T<sub>w</sub>: 57  
T<sub>d</sub>: 52

ΣPCN<sub>L</sub>: 1.96"  
ΣPCN<sub>S</sub>: 0.00"

8/7/2009

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Saturday, August 8, 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. N	Temp 74 °F			
Min.	57 * °F	Vel. 0 m.p.h.	Read. 29.18 in.			
Set	61 °F	Char. Calm	Corr. 29.05 in.	* OVNT LOW: 61		
				0700	1300	1900
R.H.	84 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. Cc 8/10 Ci	Clds.	Clds. St 10/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx M. Sunny Calm	Wx	Wx Cloudy Humid
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T: 67  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 2  
 $\Sigma$ CDD: 29

T Davis: 61/50  
Tunv: 60/56  
MMTS: 74/57/58

Iw: 50  
Td: 56

$\Sigma$ PCNs: 1.96"

$\Sigma$ PCNs: 0.00"

8/8/2009

Sunday, August 9, 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. NNW	Temp 74 °F	-SHDE 1720 - 1740 LT -SHRA 1740 - 1900 LT -SHRA 2020 - 2040 LT		
Min. * 61 °F	Vel. 2 m.p.h.	Read. 29.00 in.	-SHRA 2100 - 0620 LT SHRA 0200 - 0420 LT		
Set 68 °F	Char. Light	Corr. 28.87 in.	* QVNT LOW: 67		
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	0700 Clds. St 10/10	1300 Clds. St 8/10	1900 Clds. 0/10
Ppn. Liq. 0.19 in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx Calm Muggy	Wx M. Cloudy Humid	Wx Clear Muggy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 2 mi.	Vis. 3 mi.	Vis. 25 mi.

F. 70  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 5  
 $\Sigma$ CDD: 34

T Davis: 68/68  
T unv: 66/66  
MMTS: 76/58/66

Tw: 67  
Td: 67

$\Sigma$ PCNL: 2.15"

$\Sigma$ PCNs: 0.00"

8/9/2009

Monday, August 10, 2009  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. SW	Temp 75 °F	TSRA 0840-0920 -DZ 1840-1900			
Min.* 68 °F	Vel. 3 m.p.h.	Read. 28.95 in.				
Set 75 °F	Char. Light	Corr. 28.82 in.	OVRT LOW: 72			
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. Cu 2/10	Clds. Cu 5/10 Ci	Clds. Cu 6/10 Cbk	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx M. clear MUGGY	Wx P. Sunny HUMID	Wx P. Cloudy HUMID	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 17 mi.	Vis. 17 mi.	Vis. 17 mi.	

T: 77  
HDD: 0  
ΣHDD: 0  
CDD: 12  
ΣCDD: 46

DAVIS: 76/73  
TUNV: 74/71  
MMTS: 83/68/75

TW: 72  
TD: 71

ΣPCN<sub>L</sub>: 2.17"  
ΣPCN<sub>S</sub>: 0.00"

8/10/2009

Tuesday August 17, 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 90 °F	Dir. W	Temp 74 °F	-RA 1900-1915 TSRA 2015-2145			
Min. 68 °F	Vel. 0 m.p.h.	Read. 28.90 in.	-DZ 0030-0045, 1800-1900			
Set 69 °F	Char. Light	Corr. 28.77 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. ST 10/10	Clds. ST 9/10	Clds. ST 10/10 Cu	
Ppn. Liq. 0.16 in.	Prev. Dir. →	3 hr. Tend. +1' mb	Wx Cloudy MUSKY	Wx Cloudy HAZY	Wx Cloudy Warm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 3 mi.	Vis. 4 mi.	Vis. 17 mi.	

T: 79  
HDD: 0  
ΣHDD: 0  
CDD: 14  
ΣCDD: 60

TAVIS: 69/69  
TUNV: 69/68  
MMTS: 87/66/68

TW: 69  
TP: 69

ΣPCNL: 2.33"  
ΣPCNs: 0.00"

8/11/2009

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Wednesday August 12, 2009  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. WSW	Temp 74 °F	-SI-RA 1800 - 1920			
Min. 65 °F	Vel. 1 m.p.h.	Read. 28.91 in.				
Set 67 °F	Char. Light	Corr. 28.78 in.	0700	1300	1900	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. ST 10/10	Clds. ST 10/10	Clds. CUM 10/10	
Ppn. Liq. Tr in.	Prev. Dir. —	3 hr. Tend. 14.0 mb	Wx Cloudy Hazy	Wx Cloudy Warm	Wx Lt. Rain Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 4 mi.	Vis. 23 mi.	Vis. 20 mi.	

T: 74  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 9  
 $\Sigma$ HDD: 69

TDavis: 07/07  
Turn: 00/00  
MMTS: 80/64/00

Tw: 05  
Td: 04

$\Sigma$ PCN<sub>L</sub>: 2.33"  
 $\Sigma$ PCN<sub>S</sub>: 0.00"

8/12/2009

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Thursday August 13, 2009  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. ENE	Temp 74 °F	+TSHRA 1745-1810 -AA 1840-2145			
Min. 62 °F	Vel. 9 m.p.h.	Read. 29.06 in.				
Set 64 °F	Char. GUSTY	Corr. 28.93 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	Clds. ST 10/10	Clds. CW 6/10	Clds. AC 2/10	
Ppn. Liq. 1.90 in.	Prev. Dir. —	3 hr. Tend. +2' mb	Wx FOGGY Cloudy Muggy	Wx P. Cloudy Warm	Wx M. Clear Calm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 0.25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 71  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 6  
 $\Sigma$ CDD: 75

T DAVIS: 68/68  
TUNY: 63/63  
MMTS: 77/61/62

TW: 64  
TD: 64

$\Sigma$ PCNL: 4.23"  
 $\Sigma$ PCNS: 0.00"

8/13/2009

Friday, August 14, 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F		Dir. ESE	Temp 74 °F			
Min. 64 °F		Vel. 0 m.p.h.	Read. 29.12 in.			
Set 64 °F		Char. Calm	Corr. 28.99 in.	0700	1300	1900
R.H. 97 %		24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. 7/10 Cs	Clds. 6/10 Cu	Clds. St 9/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. /+1.0 mb	Wx M. Sunny Calm	Wx P. Sunny Humid	Wx overcast Muggy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer KR	Vis. 4 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ : 72  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 7  
 $\Sigma$ CDD: 82

$\bar{T}_{\text{davis}}$  64/64  
 $\bar{T}_{\text{inv}}$  64/64  
MMTS: 79/62/63

$T_w$ : 63  
 $T_d$ : 63

$\Sigma$ PCN<sub>L</sub>: 4.23"  
 $\Sigma$ PCN<sub>S</sub>: 0.00"

8/14/2009

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Saturday, August 15, 2009 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. SSE	Temp 74 °F				
Min. 64* °F	Vel. 1 m.p.h.	Read. 29.13 in.				
Set 67 °F	Char. light	Corr. 29.00 in.	* OYNT LOW : 67			
			0700	1300	1900	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. 0/10	Clds. CW 5/10	Clds. ST 2/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5mb	Wx Calm Cool	Wx Warm Nice	Wx M'clear Warm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 74  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 9  
 $\Sigma$ CDD: 91

Tdavis: 68/68  
Tunv: 64/64  
MMTS: 82/59/62

Tw: 64  
Td: 60

$\Sigma$ PCNL: 4.23"

$\Sigma$ PCNS: 0.00"

8/15/2009

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Sunday August 16, 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 87 °F	Dir. S	Temp 76 °F				
Min. 67 °F	Vel. 0 m.p.h.	Read. 29.22 in.				
Set 68 °F	Char. Calm	Corr. 29.09 in.				
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	Clds. SF 1/10	Clds. CU 5/10	Clds. SF 1/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +3/ mb	Wx Mild clear Cool	Wx Sunny warm	Wx Mild clear Muggy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AJ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 77  
HDD: 0  
 $\Sigma$ HDP: 0  
CDD: 12  
 $\Sigma$ CDD: 103

TDAVIS: 67167  
TUNN: 66/66  
MMTS: 84/65/66

$\frac{T_{uv}}{T_D}$ : 68

$\Sigma$ PCNL: 4.23"  
 $\Sigma$ PCNS: 0.00"

8/16/2009

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Monday, 17 August 2009  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 88 °F	Dir. —	Temp 74 °F				
Min. 68 °F	Vel. 0 m.p.h.	Read. 29.07 in.				
Set 69 °F	Char. Calm	Corr. 28.94 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	Clds. Ci: 1/10	Clds. Ci: 4/10 Cu	Clds. 2/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.6 mb	Wx HZ	Wx Warm Hazy	Wx M. Clear Warm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AB	Vis. 15 mi.	Vis. 17 mi.	Vis. 25 mi.	

T: 78  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 13  
 $\Sigma$ CDD: 116

T<sub>DAVIS</sub>: 72/69  
T<sub>UNV</sub>: 66/66  
MNTS: 85/65/69

T<sub>L</sub>: 66  
T<sub>D</sub>: 64

$\Sigma$ PCML: 4.23"

$\Sigma$ PCNS: 0.0"

8/17/2009

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Tuesday August 18, 2009  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 91 °F	Dir. SW	Temp 75 °F				
Min. 69 °F	Vel. 0 m.p.h.	Read. 29.02 in.				
Set 71 °F	Char. calm	Corr. -0.89 in.	OVNT LOW: 70			
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	0700 clds. ST, 3/10 cbw	1300 clds. ST cu 8/10	1900 clds. ST 8/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx Hazy MUSGY	Wx M. cloudy Humid	Wx M. cloudy Warm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 23 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 80  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 15  
 $\Sigma$ CDD: 131

T Davis: 70/69  
Tunn: 69/67  
MMTS: 87/68/69

Tw: 71  
Tb: 70

$\Sigma$ PCNL: 4.23"  
 $\Sigma$ PCNS: 0.00"

8/18/2009

Wednesday August 9, 2009  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 87 °F	Dir. WSW	Temp 76 °F	+TSRA 1530-1630 -RA 1900-1930			
Min. 69 °F	Vel. 3 m.p.h.	Read. 28.97 in.				
Set 71 °F	Char. Light	Corr. <del>28.84</del> in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. St 8/10	Clds. 10/10	Clds. ci 3/10	
Ppn. Liq. 0.37 in.	Prev. Dir. —	3 hr. Tend. +1/ mb	Wx <del>partly cloudy</del> Hazy	Wx Cloudy + Hazy	Wx Fair	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 4 mi.	Vis. 15 mi.	Vis. 23 mi.	

T: 78  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 13  
 $\Sigma$ CDD: 144

T DATES: 72/72  
Turn: 70/69  
MMTS: 83/68/71

Tw: 71  
To: 71

$\Sigma$ PCNL: 4.60"  
 $\Sigma$ PCNS: 0.00"

8/19/2009

Thursday August 20, 2009  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. E		Temp 75 °F	-SHAA ~1600 LT		
Min. 68 °F	Vel. 1 m.p.h.		Read. 28.83 in.			
Set 69 °F	Char. Calm		Corr. 28.67 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. 8/10	Clds. St 10/10	Clds. CU 3/10	
Ppn. 0.01 in.	Liq.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Hazy	Wx Cloudy Lt. Rain	Wx M. clear HUMID!
Ppn. 0.0 in.	Sol.	Snow Depth 0 in.	Observer AB	Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}: 77$   
HDD: 0  
 $\Sigma$  HDD: 0  
COD: 12  
 $\Sigma$  COD: 156

$T_{DAVIS}: 68/68$        $T_w: 68$   
 $T_{UNV}: 66/66$        $T_D: 67$   
MATS: 83/65/66

$\Sigma PCNL: 4.61''$   
 $\Sigma PCWS: 0.0''$

8/20/2009

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Friday August 21, 2009

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Baroin.	General Obs.		
Max. 85 °F	Dir. SW	Temp 75 °F	-RA 1200-1230, 1630- 1700, 0700-0730			
Min. 69 °F	Vel. 1 m.p.h.	Read. 28.86 in.				
Set 74 °F	Char. Light	Corr. 28.73 in.	*OVRT LOW 70			
			0700	1300	1900	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. 10/10	Clds. <del>8</del> 10/10	Clds. CW 5/10	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx cloudy Lt. Rain	Wx cloudy Lt. Rain	Wx P. Cloudy Warm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 77  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 12  
 $\Sigma$ CDD: 168

T DAVIS: 72/71  
TUNY: 71/68  
MMTS: 83/67/72

TW: 75  
TD: 73

$\Sigma$ PCNL: 4.62"  
 $\Sigma$ PCNS: 0.00"

8/21/2009

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Saturday August 22, 2009  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SSW	Temp 75 °F	Read. 28.81 in.	-SHRA 0800-0820 LT -SHRA 0900-1200 LT ~ 1400 LT		
Min. 66 °F	Vel. 0 m.p.h.	Set 67 °F				
Char. Calm	Corr. 28.88 in.	0700				
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. St 10/10	Clds. W 10/10	Clds. W 5/10	
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx Cloudy Cool	Wx M. Cloudy W. Warm	Wx P. Cloudy LES Humid	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. .25 mi.	Vis. 25 mi.	Vis. 25 mi.	

F: 73  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 8  
 $\Sigma$ CDD: 170

T<sub>Davis</sub>: 66/66  
T<sub>unv</sub>: 65/66  
MMTS: 79/65/66

T<sub>w</sub>: 65  
T<sub>d</sub>: 66

$\Sigma$ PCN<sub>v</sub>: 4.72"

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

8/22/2009

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Sunday August 23, 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. NNW	Temp 75 °F				
Min. 64 °F	Vel. 3 m.p.h.	Read. 28.71 in.				
Set 65 °F	Char. Calm	Corr. 28.58 in.	0700	1300	1900	
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 29.88 in.	Clds. Cu. 6/10	Clds.	Clds. St 3/10	
Ppn. <sup>liq.</sup> 2.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx Clear	Wx	Wx M. Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AB	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T}$ : 72  
HOD: 0  
 $\Sigma$ HOD: 0  
LOD: 7  
 $\Sigma$ LOD: 183

T<sub>DAVIS</sub>: 65/64  
T<sub>UNV</sub>: 64/62  
MMTS: 78/63/65

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

$\Sigma$ PCN<sub>L</sub>: 4.72"  
 $\Sigma$ PCN<sub>S</sub>: 0.0"

8/23/2009

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Monday August 24, 2004

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. WSW	Temp 74 °F			
Min.	58 °F	Vel. 2 m.p.h.	Read. 29.00 in.			
Set	59 °F	Char. light	Corr. 28.87 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov. - mi.	Sea L. 30.21 in.	Clds. cu 6/10	Clds. cu 7/10	Clds. cu 2/10
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx P. cloudy Patching fog	Wx M. Cloudy Nice	Wx M. Clear Cool
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AF	Vis. 17 mi.	Vis. 17 mi.	Vis. 25 mi.

$\bar{T}: 68$   
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 3  
 $\Sigma$ CDD: 186

$T_{DAVIS}: 59/59$        $T_w: 59$   
 $T_{unv}: 59/58$        $T_d: 59$   
MMTB: 76/57/58

$\Sigma PCN_L: 4.72$   
 $\Sigma PCN_S: 0$

8/24/2009

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Tuesday August 25, 2009  
0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F	Dir. N	Temp 74 °F				
Min. 58 °F	Vel. 0 m.p.h.	Read. 29.10 in.				
Set 61 °F	Char. Calm	Corr. 28.98 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. 0/10	Clds.	Clds. 1/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +4' mb	Wx clear cool	Wx	Wx clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. mi.	Vis. 17 mi.	

T: 65  
HDD: 0  
ΣHDD: 0  
CDD: 3  
ΣCDD: 189

DAVIS: 6116'  
TUNV: 58158  
MMTS: 75/58/59

W 6'  
TD: 61

ΣPCN<sub>L</sub>: 4.72'  
ΣPCN<sub>S</sub>: 0.00"

8/25/2009

wednesday August 26, 2003

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	*OVNT LOW 64			
81 °F	WSW	75 °F				
Min. ✕	Vel.	Read.				
61 °F	0 m.p.h.	28.91 in.				
Set	Char.	Corr.	0700	1300	1900	
65 °F	calm	28.78 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds. <sup>ST</sup>	
90 %	— mi.	30.08 in.	4/10	5/10	8/10 <sup>ST</sup>	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+0.0 mb	haze	partly warm	partly	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	BS	4 mi.	mi.	25 mi.	

$\bar{T}: 71$   
HDD: 0  
 $\Sigma$ HDD: 0  
COD: 6  
 $\Sigma$ COD: 195

TDAYS: 65/64  
TUNR: 63/62  
MMTS: 79/59/64

T<sub>w</sub>: 65  
T<sub>0</sub>: 62

$\Sigma$ PCN<sub>L</sub>: 4.72"  
 $\Sigma$ PCN<sub>S</sub>: 0.00"

8/26/2009

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Thursday August 27, 2009  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. NNE	Temp 74 °F	-DZ 0530-0600, 0630-0730 -RA 0415-0500, 0515-0530 0730-0800			
Min. 63 °F	Vel. 1 m.p.h.	Read. 29.06 in.				
Set 63 °F	Char. Light	Corr. 28.93 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	Clds. Nost 10/10	Clds. Stc 10/10	Clds. AS 9/10	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +4' mb	Wx FOG LT. RAIN	Wx Haze	Wx M. Cloudy Calm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 2 mi.	Vis. 24 mi.	Vis. 25 mi.	

T: 114  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 9  
 $\Sigma$ CDD: 204

DAVIS: 63/63  
TUNN: 62/61  
MMTS: 81/59/61

TW: 63  
TD: 63

$\Sigma$ PCNL: 4.73"  
 $\Sigma$ PCNS: 0.00"

8/27/2009

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Friday August 28, 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F	Dir. NNE	Temp 74 °F		-SHRA 0820-0840 LT -SHRA 0940-1000 LT -SHRA 1100-1120 LT -SHRA 1220-1240 LT -SHRA 1640-1700 LT		
Min. 62 °F	Vel. 5 m.p.h.	Read. 28.98 in.				
Set 62 °F	Char. Light	Corr. 28.85 in.		0700	1300	1900
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. 10/10	St	Clds. 10/10	St
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx Cloudy Cool	Wx Overcast	Wx cloudy rain	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 17 mi.	Vis. 17 mi.	Vis. 1 mi.	

$\bar{T}$ : 65  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 0  
 $\Sigma$ CDD: 204

T<sub>drivis</sub>: 63/63  
T<sub>unv</sub>: 62/60  
MMTS: 65/61/62

T<sub>w</sub>: 60  
T<sub>d</sub>: 61

$\Sigma$ PCN<sub>w</sub>: 4.78"

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

8/28/2009

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Saturday August 29, 2008  
1700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. SE	Temp 75 °F		-SHRA 0900-1020LT -SHRA 1440-0520		
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.80 in.				
Set 66 °F	Char. Light	Corr. 28.67 in.	* DUNT LOW 65			
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. 10/10	Clds.	Clds. 4/10	
Ppn. Liq. 1.01 in.	Prev. Dir. →	3 hr. Tend. 1 mb	Wx (cool) cloudy	Wx	Wx m. clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer FM	Vis. 1.6 mi.	Vis. mi.	Vis. 25 mi.	

T: 65  
HDD: 0  
ΣHDD: 0  
CDD: 0  
ΣCDD: 204

Tdavis: 67/67  
Tuniv: 65/65  
MMS: 66/61/66

Tw: 66  
Td: 68

ΣPCN<sub>L</sub>: 5.79"  
ΣPCN<sub>S</sub>: 0.00"

8/29/2009

Sunday August 30, 2009

0700 EST

Meteorological Observations  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. WSW	Temp 74 °F		-SHRA 1400 -SHRA 1500		
Min. 58 °F	Vel. 1 m.p.h.	Read. 28.80 in.				
Set 60 °F	Char. Calm	Corr. 28.67 in.		0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. 0/10	Clds.	Clds. 8/10	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx Clear	Wx	Wx m. cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AB	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T}$ : 69  
HDD: 0  
 $\Sigma$ HDD: 0  
CDD: 4  
 $\Sigma$ CDD: 208

Tdays: 61/59  
Tunv: 60/57  
MMTS: 78/57/60

T<sub>w</sub>: 58  
T<sub>a</sub>: 56

$\Sigma$ PCN<sub>1</sub>: 5.80"  
 $\Sigma$ PCN<sub>2</sub>: 0.0"

8/30/2009

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Monday 31 August 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. -	Temp 72 °F			
Min.	52 °F	Vel. 0 m.p.h.	Read. 29.11 in.			
Set	54 °F	Char. calm	Corr. 28.99 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov. - mi.	Sea L. 30.35 in.	Clds. 7/10	Clds. cu 9/10	Clds. AlCu 3/10
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx p.cloudy	Wx m.cloudy	Wx Cool M. Clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AF	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ : 62

HDD: 3

$\Sigma$ HDD: 3

CDD: 0

$\Sigma$ CDD: 208

$T_{DAVIS}$ : 54/53

$T_{LUNN}$ : 54/53

MMTS: 70/51/52

$T_w$ : 54

$T_d$ : 54

AUGUST TEMPS

$\bar{T}_{MAX}$ : 80.5°F

$\bar{T}_{MIN}$ : 62.5°

$\Sigma$ PCN<sub>2</sub>: 5.80"  $\bar{T}_{AVE}$ : 71.47°

$\Sigma$ PCN<sub>5</sub>: 0.0"