

Wednesday 1 August 2007
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. NW	Temp 70 °F	2005-2010LT: -SHRA		
Min.	* 65 °F	Vel. 0 m.p.h.	Read. 28.90 in.	* Overnight Low = 66°		
Set	68 °F	Char. calm	Corr. 28.78 in.	0700	1300	1900
R.H.	81 %	24 hr. Mov. / mi.	Sea L. 30.09 in.	Clds. 1/10 Cu	Clds. 2/10 Cu	Clds. 1/10 Cu
Ppn.	T in.	Prev. Dir. /	3 hr. Tend. /+1.1 mb	Wx M. Sunny	Wx m. Sunny	Wx M. Sunny
Ppn.	0.0 in.	Snow Depth 0 in.	Observer JML	Vis. ~ 22 mi.	Vis. 25 mi.	Vis. 24 mi.

$$\bar{T} = 76$$

$$HDD = 0$$

$$\sum HDD = 0$$

$$CDD = 11$$

$$\sum CDD = 11$$

$$T_{DAVIS} = .70/66$$

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

$$T_w = 65^\circ$$

$$T_0 = 62^\circ$$

$$\sum PCN_L = T$$

$$\sum PCN_S = 0.0''$$

$$PCN_{62} : T$$

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

Friday 3 August 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
93 °F	WSW	70 °F				
Min.	Vel.	Read.				
69 °F	0 m.p.h.	28.89 in.				
Set	Char.	Corr.				
70 °F	Calm	28.77 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
87 %	— mi.	in.	1/10 Ci	4/10 Cu CuCom	9/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx Fog/Haze	Wx Haze	Wx	
0.00 in.	—	+0.8 mb	M.Sunny	M.Sunny	Sunny Haze	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	ADB	16 mi.	6 mi.	8 mi.	

T: 81
HDD: 0
 Σ HDD: 0
COD: 16
 Σ COD: 41

TDAVIS: 69/67
TUNN: 68/66

TW: 67
TD: 66

Σ PCN_L: T"
 Σ PCN_S: 0.0"

PCN_{O₃}: 0.00"
 Σ PCN_{O₃}: T



Saturday 4 August 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	90 °F	Dir.	WSW	Temp	70 °F			
Min.	68 °F	Vel.	2 m.p.h.	Read.	28.90 in.			
Set	69 °F	Char.	variable	Corr.	28.77 in.			
R.H.	84 %	24 hr. Mov.	— mi.	Sea L.	30.08 in.			
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	+0.09 mb	0700	1300	1900
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	JMZ	Clds.	Clds.	Clds. Ci
						0/10		4/10 Cs
						Wx	Wx	Wx
						Sunny Haze		P. Cloudy
						Vis.	Vis.	Vis.
						12 mi.	mi.	16 mi.

$\bar{T} = 79$
CDD = 14
 $\sum CDD = 55$
HDD = 0
 $\sum HDD = 0$

TDAVIS = 69/66
TUNV = 68/68

$T_w = 66^\circ$
 $T_o = 64^\circ$

$\sum PCN_L = T$
 $\sum PCN_S = 0.0''$

PCN₆₂: 0
 $\sum PCN_{62} = T$

Sunday 5 August 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	Dir.	Temp							
90 °F	NE	69 °F							
Min.	Vel.	Read.							
64 °F	1 m.p.h.	28.92 in.							
Set	Char.	Corr.							
66 °F	Steady	28.80 in.					0700	1300	1900
R.H.	24 hr. Mov.	Sea L.		Clds.		Clds.		Clds.	
70 %	— mi.	30.12 in.		2/10 Ci				10/10 NS	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		Wx		Wx		Wx	
0.00 in.	—	+0.6 mb		m. Sunny				Light Rain	
Ppn. Sol.	Snow Depth	Observer		Vis.		Vis.		Vis.	
0.0 in.	0 in.	ADB		25 mi.		mi.		6 mi.	

T: 77
HDD: 0
ΣHDD: 0
COD: 12
ΣCOD: 67

TDAVIS: 67/59
Tunv. 64/59

TW: 60
Tcl: 56

ΣPCN_L: T
ΣPCN_S: 0.0"

PCN_{Sj}: 0.00"
ΣPCN_{Sj}: T

Monday 6 August 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SSW	Temp 71 °F	1515-1540 LT: -SHRA			
Min. † 66 † °F	Vel. 2 m.p.h.	Read. 28.71 in.	1645-1800 LT: -SHRA			
Set 69 °F	Char. Steady	Corr. 28.59 in.	1825-2000 LT: -SHRA			
			Overnight Low = 68°			
			0700	1300	1900	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. St. 10/10	Clds. Cu 6/10 Sc	Clds. %	
Ppn. Liq. 0.08 in.	Prev. Dir. —	3 hr. Tend. — +0.0 mb	Wx Overcast	Wx P. Cloudy Haze	Wx Clear Hazy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 6 mi.	Vis. 5 mi.	Vis. ~10 mi.	

$$\bar{T} = 73$$

$$HDD = 0$$

$$\sum HDD = 0$$

$$CDD = 8$$

$$\sum CDD = 75$$

$$T_{DAVIS} = 69/69$$

$$T_{UNV} = 68/68$$

$$T_w = 68$$

$$T_D = 68$$

$$\sum PCN_L = 0.08''$$

$$\sum PCN_S = 0.0''$$

$$PCN_{62} = 0.08''$$

$$\sum PCN_{62} = 0.08''$$

Tuesday 7 August 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	1100LT - 1120CT - RA			
86 °F	SW	71 °F				
Min.	Vel.	Read.				
69* °F	1 m.p.h.	28.81 in.				
Set	Char.	Corr.	*Overnight Low: 73			
74 °F	Steady	28.69 in.	0700	1300	1900	
R.H.	24 hr. Mōv.	Sea L.	Clds.	Clds.	Clds.	Ns
94 %	— mi.	29.98 in.	10/10 St	10/10 St Cu	10/10	St
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
T in.	—	—	+0.4 mb	Overcast Fog/Haze	Overcast Haze	overcast
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0.0 in.	0 in.	0 in.	ADB	~ 8 mi.	9 mi.	4 mi.

F: 78
ADD: 0
EHOD: 0
CDD: 13
ECDD: 88

TDAVIS: 73/73
Tunv: 72/72

TW: 72
Td: 72

$\Sigma PCN_L: 0.08''$
 $\Sigma PCN_S: 0.0''$

$PCN_{62}: T$
 $\Sigma PCN_{62}: 0.08''$

Wednesday 8 August 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. WSW	Temp 73 °F	1540LT-1620LT: -SHRA		
Min.	73 °F	Vel. 3 m.p.h.	Read. 28.67 in.	1920LT-1940LT: +SHRA		
Set	75 °F	Char. Steady	Corr. 28.54 in.	2240LT-2300LT: TS		
				0500LT-0520LT: +TSRA →		
R.H.	100 %	24 hr. Mov. — mi.	Sea L. 29.83 in.	Clds. Cu 7/10 Sc Fg 1/10	Clds. Cu 5/10	Clds. Cu 3/10
Ppn. Liq.	1.21 in.	Prev. Dir. —	3 hr. Tend. ±0.0 mb	Wx mostly cloudy/fog	Wx partly cloudy	Wx P. cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 5 mi.	Vis. 25 mi.	Vis. mi.

$\bar{T} = 78$

HDD: 0

Σ HDD: 0

CDD: 13

Σ CDD: 101

$T_{Davis} = 75/75$

$T_{unv} = 75/75$

$T_w = 75$

$T_d = 75$

0540LT-0620LT: -SHRA

* record max. min temp (old = 72, 1900)

* record daily precip. (old = 1.06, 1906)

$\Sigma PCN_L = 1.29''$

$\Sigma PCN_S = 0.0''$

$PCN_S = 1.19''$

$\Sigma PCN_S = 1.27''$

Thursday 9 August 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	90 °F	Dir.	N	Temp	72 °F						
Min.	69 °F	Vel.	0 m.p.h.	Read.	28.80 in.						
Set	71 °F	Char.	calm.	Corr.	28.68 in.	0700	1300	1900			
R.H.	90 %	24 hr. Mov.	— mi.	Sea L.	29.98 in.	Clds. Ci	8/10 AC	Clds. St	9/10 AC	Clds. St	10/10 St
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	+0.5mb	Wx	M. Cloudy	Wx	M. Cloudy	Wx Fog	Overcast & Light Rain
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	JMZ	Vis.	17 mi.	Vis.	14 mi.	Vis.	8 mi.

$$\bar{T} = 80$$

$$HDD: 0$$

$$\sum HDD: 0$$

$$CDD: 15$$

$$\sum CDD: 116$$

$$T_{DAVIS} = 71/68$$

$$T_{UNV} = 70/68$$

$$T_w = 67$$

$$T_D = 68$$

$$\sum PCN_L: 1.29''$$

$$\sum PCN_S: 0.0''$$

$$PCN_{62}: 0.00''$$

$$\sum PCN_{62}: 1.27''$$

Friday 10 August 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F		Dir. WSW	Temp 71 °F	1030LT-1100LT : +TSRA		
Min. 71 °F		Vel. 5 m.p.h.	Read. 28.67 in.	1100LT-1130LT : +SHRA		
Set 72 °F		Char. Steady	Corr. 28.56 in.	1130LT-1220LT : -SHRA		
				1550LT-1630LT : +TSRA		
				1900LT-1930LT : -SHRA		
				0700	1300	1900
R.H. 96 %		24 hr. Mov. — mi.	Sea L. 29.85 in.	Clds. Cu 6/10 Fg	Clds. Cu 8/10 Sc	Clds. Sc 2/10 Sc
Ppn. Liq. 0.69 in.		Prev. Dir. —	3 hr. Tend. +0.8 mb	Wx partly cloudy / fog	Wx m. cloudy	Wx partly cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JT	Vis. 4 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}: 74$

HDD: 0

Σ HDD: 0

CDD: 9

Σ CDD: 125

$T_{\text{AMS}}: 72/71$

$T_{\text{avr}}: 73/72$

$T_w:$

$T_s: 71$

Σ PCN_L: 1.98"

Σ PCN_S: 0.0"

PCN_L: 0.70"

Σ PCN_G: 1.97"

Saturday 11 August 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F		Dir. NE	Temp 70 °F			
Min. 64 °F		Vel. 0 m.p.h.	Read. 28.91 in.			
Set 66 °F		Char. calm	Corr. 28.80 in.	0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. F 3/10 Cu	Clds.	Clds. Sc 2/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx mostly sunny/ fog	Wx	Wx M Junny
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JCT	Vis. 4 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}: 73$

HDD: 0

Σ HDD: 0

CDD: 8

Σ CDD: 133

$T_{\text{Davis}}: 66/64$

$T_{\text{unv}}: 63/63$

$T_u: 66$

$T_j: 66$

Σ PCN₂: 1.98"

Σ PCN₃: 0.0"

PCN₆: 0.00"

Σ PCN₆: 1.97"

$\bar{T} = 72$
HDD: 0
 Σ HDD: 0
CDD: 7
 Σ CDD: 140

TDAVIS : 67/61
TUNU : 63/61

TW: 63
TD: 61

Σ PCN_L: 1.98"
 Σ PCN_S: 0.0"

PCN_{G2}: 0.00"
 Σ PCN_{G2}: 1.97"

Monday 13 August 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F		Dir. WNW	Temp 70 °F	1700-1715LT: -SHRA		
Min. 64* °F		Vel. 3 m.p.h.	Read. 28.85 in.	2020-2040LT: -SHRA		
Set 69 °F		Char. Variable	Corr. 28.73 in.	overnight Low = 67°		
R.H. 87 %		24 hr. Mov. — mi.	Sea L. 30.04 in.	0700 Clds. 0/10	1300 Clds. CU 2/10	1900 Clds. 1/10 Cu
Ppn. Liq. T in.		Prev. Dir. —	3 hr. Tend. +0.4 mb	Wx Haze Sunny	Wx M. Sunny	Wx M. Sunny
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JMZ	Vis. 12 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 74$

$CDD = 9$

$\Sigma CDD = 149$

$HDD = 0$

$\Sigma HDD = 0$

$T_{DAVIS} : 69/05$

$T_{UNV} : 68/64$

$T_W : 67^\circ$

$T_D : 65^\circ$

$\Sigma PCN_L : 1.98''$

$\Sigma PCN_S : 0.0''$

$PCN_{62} : T$

$\Sigma PCN_{62} : 1.97''$

$$\bar{T} = 71$$

$$T_{\text{DAVIS}} = 61/57$$

$$T_w = 59^\circ$$

$$HDD = 0$$

$$T_{\text{UNV}} = 59/57$$

$$T_0 = 56$$

$$\sum HDD = 0$$

$$CDD = 6$$

$$\sum CDD = 155$$

$$\sum PCN_L = 1.98''$$

$$\sum PCN_J = 0.0''$$

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

$$\sum PCN_{62} = 1.97''$$

Wednesday 15 August 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 80 °F		Dir. WSW	Temp 69 °F			
Min. 60 °F		Vel. 0 m.p.h.	Read. 28.90 in.			
Set 64 °F		Char. calm	Corr. 28.69 in.			
R.H. 84 %		24 hr. Mov. — mi.	Sea L. 30.01 in.	0700 Clds. Li 3/10 Fg	1300 Clds. Cu 9/10 SE	1900 Clds. As 10/10 Lu
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx p. cloudy/ fog	Wx m. cloudy	Wx light rain
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JCT	Vis. 24 mi.	Vis. 22 mi.	Vis. 25 mi.



T: 70

T_{DAVIS}: 63/58

T_w: 61

HDD: 0

T_{UNV}: 63/57

T_d: 59

ΣHDD: 0

LDD: 5

ΣLDD: 160

ΣPCN₆: 1.98"

PCN₆: 0.00"

ΣPCN₅: 0.0"

ΣPCN₆: 1.97"

Thursday 16 August 2007 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. SW	Temp 70 °F	-RA 20:01-20:41 LT		
Min.	64* °F	Vel. 3 m.p.h.	Read. 28.83 in.	-RA 23:41-00:01 LT		
Set	68 °F	Char. Steady	Corr. 28.71 in.	-RA 06:41-07:01 LT		
R.H.	100 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	*Overnight Low: 68		
Ppn. Liq.	0.01 in.	Prev. Dir. —	3 hr. Tend. +0.1 mb	0700	1300	1900
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer ADB	Clds. st 10/10	Clds. 3/10 Cu	Clds.
				Wx Overcast Fog	Wx m. Sunny	Wx
				Vis. ~7 mi.	Vis. 25 mi.	Vis. mi.

T: 73
HDD: 0
 Σ HDD: 0
CDD: 8
 Σ CDD: 108

T DAVIS: 68/65
Tunv: 68/66

TW: 67
TCL: 67

Σ PCN_L: 1.99"
 Σ PCN_S: 0.0"

PCN_g: 0.01"
 Σ PCN_G: 1.98"

Friday 17 August 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	86 °F	Dir.	NW	Temp	71 °F	0830-0900 LT : -SHRA		
Min.	68 °F	Vel.	0 m.p.h.	Read.	28.79 in.			
Set	72 °F	Char.	calm	Corr.	28.68 in.			
R.H.	91 %	24 hr. Mov.	— mi.	Sea L.	29.98 in.	0700	1300	1900
Ppn.	0.02 in.	Prev. Dir.	—	3 hr. Tend.	+0.2 mb	Clds. Li 9/10	Clds. Cu 5/10	Clds. Sc 3/10
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	JCT	Wx m. cloudy, haze/fog	Wx PCloudy	Wx PCloudy
						Vis. 4 mi.	Vis. 23 mi.	Vis. 25 mi.



$\bar{T}: 77$

HDD: 0

Σ HDD: 0

LDD: 12

Σ LDD: 180

Σ PCN₂: 2.01"

Σ PCN₃: 0.0"

T_{DAVIS}: 71/70

T_{urr}: 70/70

T_w: 70

T_i: 69

PCN₁: 0.02"

Σ PCN₁: 2.00"

Saturday, 18 August 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	NNW	Temp	68 °F			
Min.	55 °F	Vel.	3 m.p.h.	Read.	29.05 in.			
Set	57 °F	Char.	steady	Corr.	28.94 in.			
R.H.	72 %	24 hr. Mov.		Sea L.	30.28 in.	Clds.	1/10 Cu	
Ppn.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	+1.0 mb	Wx	m. sunny	
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	JLT	Vis.	25 mi.	
						0700	1300	1900
								Clds. Se 9/10 St
								Wx M. cloudy
								Vis. 25 mi.

T: 70

T_{DAVIS}: 58/46

T_w: 52

HDD: 0

T_{unv}: 55/46

T_d: 48

ΣHDD: 0

CDD: 5

ΣCDD: 185

ΣPCN_L: 2.01"

PCN₆: 0.00"

ΣPCN_S: 0.0"

ΣPCN_S: 2.00"

Sunday 19 August 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. WSW	Temp 68 °F	0300-0530LT: -SHRA		
Min.	56 °F	Vel. 0 m.p.h.	Read. 29.02 in.			
Set	60 °F	Char. calm	Corr. 28.90 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. St 9/10	Clds.	Clds. N5 10/10
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. +0.0 mb	Wx M. Cloudy	Wx	Wx -SHRA
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. mi.	Vis. 14 mi.

$\bar{T} = 66$
MDD: 0
 $\Sigma MDD: 0$
 $\Sigma CDD: 1$
 $\Sigma CDD: 186$

$T_{DAVIS} = 60/56$
 $T_{UNV} = 57/57$

$T_w = 59^\circ$
 $T_D = 57^\circ$

$\Sigma PCN_L: 2.01''$
 $\Sigma PCN_S: 0.0''$

$PCN_{GZ}: T$
 $\Sigma PCN_{GZ}: 2.00''$

Monday 20 August 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64* °F	Dir. NNE	Temp 68 °F	1100-1445 LT: -SHRA, occl SHRA			
Min. 56 °F	Vel. 0 m.p.h.	Read. 28.96 in.	1530-1700LT: -SMRA			
Set 58 °F	Char. calm	Corr. 28.84 in.	0640-0800 LT: -SHRA 1988			
			*Record Min Max (Previous=65°)			
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. Ns 10/10 St	Clds. Ns 10/10	Clds. Ns 10/10	
Ppn. Liq. 0.44 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx -SHRA	Wx RA	Wx +SHRA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMJ	Vis. 7 mi.	Vis. 2 mi.	Vis. 7 mi.	

$$\bar{T} = 60$$

$$HDD: 5$$

$$\sum HDD: 5$$

$$CDD: 0$$

$$\sum CDD: 186$$

$$T_{DAVIS} = 58/58$$

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

$$T_W: 58^\circ$$

$$T_D: 58^\circ$$

$$\sum PCN_L: 2.45''$$

$$\sum PCN_S: 0.0''$$

$$PCN_{G2}: 0.44''$$

$$\sum PCN_{G2}: 2.44''$$

Tuesday 21 August 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. ENE	Temp 68 °F	* Record Daily Precip. (Previous, 1.32") -RA 0500-0630 LT			
Min. 56 °F	Vel. 3 m.p.h.	Read. 28.93 in.	-RA, occasional Dz, RA, +RA 1030-1115 LT 0600-2130 LT 0230-0900 LT			
Set 56 °F	Char. Steady	Corr. 28.82 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds. Ns 10/10 St	Clds. St 10/10 Ns	Clds. St 10/10	
Ppn. Liq. 1.51* in.	Prev. Dir. —	3 hr. Tend. +1.8 mb	Wx -SHRA	Wx DZ	Wx Overcast	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLT	Vis. 17 mi.	Vis. 16 mi.	Vis. 16 mi.	

$\bar{T}: 59$

HDD: 6

Σ HDD: 11

CDD: 0

Σ CDD: 186

$T_{DAVIS}: 57/57$

$T_{WVV}: 55/55$

$T_u: 56$

$T_s: 56$

$\Sigma PCN_L: 3.96''$

$\Sigma PCN_S: 0.0''$

$PCN_{6_s}: 1.46''$

$\Sigma PCN_{6_s}: 3.90''$

Wednesday, 22 August 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60* °F	Dir. E	Temp 67 °F	* record min/max (previous, '63, 1990)			
Min. 56 °F	Vel. 2 m.p.h.	Read. 28.98 in.	0800-1000 LT: -SHRA			
Set 59 °F	Char. steady	Corr. 28.87 in.	1330-1400 LT: RA			
R.H. 100 %	24 hr. Mov. - mi.	Sea L. 30.21 in.	1700-1830 LT: +RA			
Ppn. Liq. 0.67 in.	Prev. Dir. -	3 hr. Tend. +0.5 mb	2000-2330 LT: RA			
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	0700	1300	1900	
			Clds. Sc 10/10	Clds. Sc 10/10	Clds. Sc 10/10	
			Wx overcast	Wx overcast	Wx overcast	
			Vis. 5 mi.	Vis. 8 mi.	Vis. 5 mi.	

T: 58

T_{DAVIS}: 58/58

T_w: 59

HDD: 7

T_{unv}: 57/57

T_d: 59

ΣHDD: 18

CDD: 0

ΣCDD: 186

ΣPCN_i: 4.63"

PCN_o: 0.66"

ΣPCN_s: 0.0"

ΣPCN_o: 4.56"

Thursday, 23 August 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. * 65 °F	Dir. SSW	Temp 71 °F	0000 - 02			
Min. 58 °F	Vel. 4 m.p.h.	Read. 29.01 in.				
Set 65 °F	Char. steady	Corr. 28.90 in.	*ties min/max record			
R.H. 94 %	24 hr. Mov. - mi.	Sea L. 20.22 in.	0700 Clds. Sc 10/10	1300 Clds. St 10/10	1900 Clds. St 10/10	
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx overcast	Wx Overcast	Wx Overcast	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLT	Vis. 10 mi.	Vis. 7 mi.	Vis. 16 mi.	

$\bar{T} = 62$

HDD: 3

Σ HDD: 21

CDD: 0

Σ CDD: 186

$T_{\text{orris}}: 63/63$

$T_{\text{urv}}: 63/63$

$T_w: 64$

$T_d: 63$

Σ PCN_L: 4.63"

Σ PCN_S: 0.0"

PCN₆: T

Σ PCN₆: 4.56"

Friday 24 August 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F		Dir. SW	Temp 71 °F	1715 - 1930LT: Occl-dz, Occl-shRA		
Min. 65* °F		Vel. 2 m.p.h.	Read. 28.88 in.			
Set 71 °F		Char. steady	Corr. 28.76 in.	*Overnight Low: 68°		
				0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. St 10/10	Clds. Cu 2/10	Clds. 0/10
Ppn. Liq. 0.01 in.		Prev. Dir. —	3 hr. Tend. — +0 mb	Wx Fog overcast	Wx Haze. M. Sunny	Wx Haze Sunny
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JMZ	Vis. 6 mi.	Vis. 10 mi.	Vis. 17 mi.

$\bar{T} = 68$

HDD: 0

$\sum HDD = 21$

CDD: 3

$\sum CDD = 189$

$\sum PCN_L = 4.64''$

$\sum PCN_S = 0.0''$

T DAVIS: 70/70

T UNV: 70/70

TW: 71

TD: 71

PCNG2: 0.01''

$\sum PCNG2 = 4.57''$

Saturday 25 August 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 87 °F		Dir. SSW	Temp 74 °F			
Min. 71 °F		Vel. 2 m.p.h.	Read. 28.78 in.			
Set 73 °F		Char. Steady	Corr. 28.65 in.	Overnight Low: 72°		
				0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. 0/10	Clds.	Clds. Cu 2/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. + .2 mb	Wx Sunny	Wx	Wx m. sunny + haze
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JMZ.	Vis. 17 mi.	Vis. mi.	Vis. 8 mi.

T: 79
CDD: 14
ΣCDD: 203
HDD: 0
ΣHDD: 21

T DAVIS: 73/73
T UNV: 72/72

TW: 73
TD: 73

ΣPCN_L: 4.64"
ΣPCN_S: 0.0"

PCN_{GZ}: 0.00"
ΣPCN_{GZ}: 4.57"

Sunday 26 August 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp	2345-0030 LT : TSRA 0030-0100 LT : -SHKA			
90 °F	N	72 °F				
Min.	Vel.	Read.	0700			
67 °F	2 m.p.h.	28.84 in.				
Set	Char.	Corr.	1300			
68 °F	Steady	28.72 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	1900		
97 %	— mi.	30.02 in.	8/10 Sc			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.05 in.	—	+2.0 mb	mostly cloudy		Fair, pleasant	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	JLT	25 mi.	mi.	25 mi.	

$\bar{T}: 79$

CDD: 14

Σ CDD: 217

HDD: 0

Σ HDD: 21

Σ PCN₂: 4.69"

Σ PCN₃: 0.0"

T_{DAMS}: 68/64

T_{uvv}: 66/63

T_w: 67

T_d: 66

PCN₆: 0.04"

Σ PCN₆: 4.61"

Monday, 27 August, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir.	Temp	* Nearly full circumference of surface layer fog 1st at about 1-2 miles from obs site, but ridge top of Nittany and top half of Tussey from SE to S visible		
Min.	58 °F	—	71 °F			
Set	59 °F	0 m.p.h.	29.05 in.			
Char.	calm	Corr.	28.93 in.	0700	1300	1900
R.H.	98 %	24 hr. Mov.	Sea L.	Clds.	Clds. CU	Clds. CW
—	—	— mi.	30.26 in.	1/10 st	2/10	3/10
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
—	—	—	+2.6 mb	M. clear, but quite foggy	M. Sunny	Mostly sunny
Ppn. Sol.	0.0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
—	0 in.	—	AGM	~1 (N to S) mi. ~2 (W to E) mi.	25 mi.	25 mi.

$$T = 68^\circ$$

$$CDD = 3$$

$$\Sigma CDD = 217$$

$$\Sigma HDD = 21$$

$$\Sigma PCN_L = 4.69''$$

$$\Sigma PCN_S = 0.0''$$

$$T_{DAYS} = 61^\circ/60.5^\circ$$

$$T_{MIN} = 55^\circ/55^\circ$$

$$T_{KPSU} = M/M$$

$$T_w = 58.5^\circ$$

$$T_o = 58^\circ$$

$$PCN_{G2} = 0.00''$$

$$\Sigma PCN_{G2} = 4.61''$$

Tuesday August 28, 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —		Temp 72 °F			
Min. 57 °F	Vel. 0 m.p.h.		Read. 29.26 in.			
Set 62 °F	Char. Calm		Corr. 24.17 in.			
				0700	1300	1900
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. Cu 4/10	Clds. 7/10 Cs, Ac	Clds. Sc 3/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — mb	Wx Partly Sunny/ Fog	Wx Broken cumulus	Wx M. Sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. ~17 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 68$$

$$HDD = 0$$

$$CDD = 3$$

$$\Sigma HDD = 21$$

$$\Sigma CDD = 33$$

$$PCWL = 4.69''$$

$$RW_s = 0.0''$$

$$T_{Days} = 59/58$$

$$T_{UVV} = 57/57$$

$$Gauge_t = 0.00''$$

$$\Sigma Gauge_f = 4.61''$$

Wednesday 29 August 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. ESE	Temp 72 °F	*Overnight Low: 66°		
Min. †	62 °F	Vel. 0 m.p.h.	Read. 28.98 in.			
Set	67 °F	Char. Calm	Corr. 28.85 in.			
R.H.	90 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	0700 Clds. St 2/10	1300 Clds. 5/10 Cu, Ac	1900 Clds. Cu 1/10
Ppn. Liq.	0.00 in.	Prev. Dir.	3 hr. Tend. +0.6 mb	Wx Fog.	Wx P. Cloudy	Wx mostly sunny
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer JML	Vis. 7 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 72

HDD: 0

Σ HDD: 21

CDD: 7

Σ CDD: 230

Σ PCN₁: 4.69"

Σ PCN₅: 0.0"

T DAVIS: 67/66

T UNV: 63/63

T_w: 65

T₀: 64

PCN₆₂: 0.00"

Σ PCN₆₂: 4.61"

$\bar{T} = 75$
 $HDD = 0$
 $CDD = 10$
 $\Sigma HDD = 21$
 $\Sigma CDD = 240$
 $\Sigma PCN_L = 4.69''$

$\bar{T}_{Davis} = 58/67$
 $T_{UV} = 64/64$

$G_{avg} = 0.08''$
 $\Sigma G_{avg} = 4.61''$

Friday 31 August 2007

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	N	Temp	72 °F	1640 - 1710LT: - TSRA		
Min.	64 °F	Vel.	4 m.p.h.	Read.	28.91 in.			
Set	64 °F	Char.	variable	Corr.	28.78 in.			
R.H.	84 %	24 hr. Mov.	- mi.	Sea L.	30.10 in.	0700	1300	1900
Ppn. Liq.	0.01 in.	Prev. Dir.	-	3 hr. Tend.	+0.9 mb	Clds. Sc 9/10 Cu	Clds. Cu 2/10	Clds. 0/10
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	JMZ	Wx m. cloudy	Wx m. sunny	Wx clear
				Observer	JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 74$

CDD: 9

$\sum CDD = 249$

HDD: 0

$\sum HDD = 21$

$T_{DAVIS} = 65/60$

$T_{UNV} = 63/61$

$T_W = 61$

$T_D = 59$

AUGUST temps
 $T_{max} = 80.7^\circ F$
 $T_{min} = 63.5^\circ$
 $T_{avg} = 72.13^\circ$

$\sum PCN_L = 4.70''$

$PCN_{G2} = 0.01''$

$\sum PCN_{G2} = 4.62''$