Monday 9 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 89 °F	Dir. SW	Temp 88 °F	00Z TWKSTN: 94°F
Min. 68 °F	Vel. 2 m.p.h.	Read. 28.83 in.	
Set 73 °F	Char. steady	Corr. 28.66 in.	

	0700	1300	1900
R.H. 74 %	Clds. 0/10	Clds. 7/10 CU SC	Clds. 0/10
Ppn. Liq. 0.00 in.	Wx Sunny	Wx M. Cloudy	Wx Haze Clear
Ppn. Sol. 0.0 in.	Vis. 25 mi.	Vis. 16 mi.	Vis. 16 mi.

Prev. Dir.	3 hr. Tend.	Snow Depth	Observer
—	/ +.8 mb	0 in.	JMZ

$\bar{T} = 79$

HDD = 0

Σ HDD = 5

CDD = 14

Σ CDD = 47

$T_{DAVIS} = {}^{73}/_{65}$

$T_{UNV} = {}^{72}/_{64}$

$T_W = 68°$

$T_D = 64$

$\Sigma PCN_L = 0.43"$

$\Sigma PCN_S = 0.0"$

$PCN_{G2} = 0.00"$

$\Sigma PCN_{G2} = 0.43"$

Tuesday 10 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 92 °F	Dir. SW	Temp 90 °F	TWXSTN : 90°F @ 12Z TWXSTN : 93°F @ 18Z TWXSTN : 93°F @00Z
Min. 70 °F	Vel. 1 m.p.h.	Read. 28.93 in.	
Set 72 °F	Char. Steady	Corr. 28.76 in.	

	0700	1300	1900
R.H. 81 %	Clds. 9/10	Clds. Cu 3/10 Ccon	Clds. Cu 4/10
Ppn. Liq. 0.00 in.	Wx Sunny Haze	Wx M. Sunny Haze	Wx P.Cloudy Haze
Ppn. Sol. 0.0 in.	Vis. ~8 mi.	Vis. ~9 mi.	Vis. ~8 mi.

24 hr. Mov.	Sea L.	3 hr. Tend.	Prev. Dir.	Snow Depth	Observer
— mi.	30.06 in.	+1.2 mb	—	0 in.	AOB

$\bar{T}$: 81

HDD: 0

ΣHDD: 5

CDD: 16

ΣCDD: 63

T_{DAVIS}: 72/68

T_{UNIV}: 72/68

T_w: 68°

T_d: 66°

ΣPCN_L: 0.43"

ΣPCN_S: 0.0"

PCN_{03}: 0.00"

ΣPCN_{03}: 0.43"

Wednesday 11 July, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 91 °F	Dir. SW	Temp 92 °F	record max. min: Old = 70, 1944		
Min. 72 °F	Vel. 5 m.p.h.	Read. 28.76 in.			
Set 75 °F	Char. Steady	Corr. 28.69 in.	0700	1300	1900
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. Ci 10/10 Cu	Clds. Ns 10/10 Cu	Clds. Ac 6/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.2 mb	Wx haze, overcast	Wx -SHRA	Wx P.Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 21 mi.	Vis. 8 mi.	Vis. 23 mi.

$\bar{T}$: 82

HDD: 0

ΣHDD: 5

CDD: 17

ΣCDD: 80

T_{DAVIS}: 74/69

T_{UVV}: 75/68

T_w: 70

T_s: 68

ΣPCN_L: 0.43"

ΣPCN_S: 0.0"

PCN_{6_2}: 0.00"

ΣPCN_{6_2}: 0.43"

Thursday 12 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 79 °F	Dir. —	Temp 83 °F	1305 - 1500 : -SHRA, occl SHRA, occl + SHRA
Min. 54 °F	Vel. 0 m.p.h.	Read. 28.82 in.	1800 - 1850 : -SHRA, occl SHRA
Set 58 °F	Char. calm	Corr. 28.67 in.	

	0700	1300	1900
R.H. 83 %	Clds. 0/10	Clds. 6/10 Cu Sc	Clds. 2/10 Cu Sc
Ppn. Liq. 1.09 in.	Wx Sunny	Wx P. Sunny	Wx m. Sunny
Ppn. Sol. 0.0 in.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

24 hr. Mov.	Sea L.	3 hr. Tend.	Prev. Dir.	Snow Depth	Observer
— mi.	30.00 in.	-/+.2 mb	—	0 in.	JMZ

$\bar{T} = 67$

$HDD = 0$

$\Sigma HDD = 5$

$CDD = 2$

$\Sigma CDD = 82$

$T_{DAVIS} = 58/55$

$T_{UNV} = 59/55$

$T_W = 56°$

$T_D = 53°$

$\Sigma PCN_L = 1.52''$

$\Sigma PCN_S = 0.0''$

$PCN_{62}: 1.15''$

$\Sigma PCN_{62}: 1.58''$

Friday 13 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. WSW	Temp 84 °F			
Min. 58* °F	Vel. 8 m.p.h.	Read. 28.86 in.			
Set 65 °F	Char. Steady	Corr. 28.70 in.	*Overnight low: 62 °F		
			0700	1300	1900
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Clds. Cc 1/10 Ci	Clds. Cu 7/10 Sc	Clds. Ns Cu 9/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.9 mb	Wx m. Sunny	Wx m. Cloudy	Wx m. Cloudy Light Rain
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 25 mi.	Vis. 25 mi.	Vis. 16 mi.

$\bar{T}$: 68

HDD: 0

ΣHDD: 5

CDD: 3

ΣCDD: 85

T_{DAVIS}: 65/57

T_{UNR}: 66/57

T_W: 59

T_d: 55

ΣPCN_L: 1.52"

ΣPCN_S: 0.0"

PCN_{6d}: 0.00"

ΣPCN_{6d}: 1.58"

Saturday 14 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. WSW	Temp 79 °F	-TSRA 1810 - 1900LT -RA 1900LT - 2000LT		
Min. 56 °F	Vel. 0 m.p.h.	Read. 28.87 in.			
Set 60 °F	Char. Calm	Corr. 28.72 in.	0700	1300	1900
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	Clds. 1/10 Ci	Clds.	Clds. 2/10 Cu
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.4 mb	Wx Fog M.Sunny	Wx	Wx M.Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 17 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 67
HDD: 0
ΣHDD: 5
CDD 2
ΣCDD: 87

T_{DAVIS}: 60/58
T_{UNV}: 59/54

T_W: 59
T_{DL}: 59

ΣPCN_L: 1.52"
ΣPCN_S: 0.01"

PCN_{63}: T
ΣPCN_{63}: 1.58"

Sunday 15 July 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SW	Temp 87 °F			
Min. 60 °F	Vel. 4 m.p.h.	Read. 28.73 in.	overnight Low = 69°		
Set 72 °F	Char. Variable	Corr. 28.57 in.	0700	1300	1900
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 29.86 in.	Clds. 0/10	Clds.	Clds. As 5/10 St
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ✓ +1.2 mb	Wx Sunny	Wx	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 17 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T} = 71$

$HDD = 0$

$\Sigma HDD = 5$

$CDD = 6$

$\Sigma CDD = 93$

$T_{DAVIS} = 73/65$

$T_{UNV} = 70/63$

$T_W = 66$

$T_D = 63$

$\Sigma PCN_L = 1.52''$

$\Sigma PCN_S = 0.0''$

$PCN_{G2} : 0.00$

$\Sigma PCN_{G2} : 1.58''$

Monday 16 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. NNE	Temp 86 °F			
Min. 65 °F	Vel. 2 m.p.h.	Read. 28.90 in.			
Set 66 °F	Char. steady	Corr. 28.74 in.	0700	1300	1900
R.H. 60 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. Ac 4/10 Contrails	Clds. Cu 2/10	Clds. 1/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.6mb	Wx P.Cloudy	Wx M.Sunny	Wx m. Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 22 mi.	Vis. 22 mi.	Vis. 25 mi.

$\bar{T} = 75$

$HDD = 0$

$\Sigma HDD = 5$

$CDD = 10$

$\Sigma CDD = 103$

$T_{DAVIS} = 67/58$

$T_{UNV} = 63/57$

$T_W = 59°$

$T_D = 54°$

$\Sigma PCN_L = 1.52''$

$\Sigma PCN_S = 0.0''$

$PCN_{G2} = 0.00''$

$\Sigma PCN_{G2} = 1.58''$

Tuesday 17 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. SSW	Temp 75 °F			
Min. 61 °F	Vel. 2 m.p.h.	Read. 28.93 in.			
Set 64 °F	Char. steady	Corr. 28.80 in.			
			0700	1300	1900
R.H. 70 %	24 hr. Mov. – mi.	Sea L. 30.12 in.	Clds. Ci 2/10	Clds. Cu Ci Cc 3/10	Clds. Sc 8/10
Ppn. Liq. 0.00 in.	Prev. Dir. –	3 hr. Tend. – +.1 mb	Wx M. Sunny	Wx M. Sunny	Wx M. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 73$

$HDD = 0$

$\Sigma HDD = 5$

$CDD = 8$

$\Sigma CDD = 111$

$T_{DAVIS} = 64/56$

$T_{UNV} = 64/55$

$T_W = 58°$

$T_D = 54°$

$\Sigma PCN_L = 1.52"$

$\Sigma PCN_S = 0.0"$

$PCN_{62} = 0.00"$

$\Sigma PCN_{62} = 1.58"$

Wednesday 18 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 87 °F	Dir. E	Temp 84 °F	2230-2300 LT : -SHRA
Min. 64 °F	Vel. 2 m.p.h.	Read. 28.84 in.	0000-0030 LT : -SHTS
Set 68 °F	Char. Steady	Corr. 28.69 in.	0030-0220 LT : -SHRA
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	0250-0800 LT : -SHRA
Ppn. Liq. 0.22 in.	Prev. Dir.	3 hr. Tend. ± 0.0 mb	Overnight low: 65
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLT	

	0700	1300	1900
Clds.	10/10 As	9/10 Cs Cu	4/10 Cu Ci
Wx	Light Rain	Cloudy	Partly cloudy
Vis.	3 mi.	23 mi.	23 mi.

$\bar{T}$: 76

HDD: 0

ΣHDD: 5

CDD: 11

ΣCDD: 122

T_{DAVIS}: 67/67

T_{UNV}: 66/66

T_d: 68

T_d: 68

PCN_L: 0.22"

ΣPCN_L: 1.74"

ΣPCN_S: 0.0"

PCN_{6_d}: 0.22"

ΣPCN_{6_d}: 1.80"

Thursday 19 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SW	Temp 75 °F	0800-1030 LT: -SHRA 0640-0800 LT: -SHRA		
Min. 68★ °F	Vel. 6 m.p.h.	Read. 28.69 in.	★Overnight Low = 69°		
Set 70 °F	Char. variable	Corr. 28.56 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.87 in.	Clds. Ns 9/10 St	Clds. Cu 9/10 Sc ccm	Clds. St 10/10 Cu Sc
Ppn. Liq. 0.15 in.	Prev. Dir. —	3 hr. Tend. L -1.0 mb	Wx Light Rain	Wx m. Cloudy	Wx Cloudy Fog
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 7 mi.	Vis. ~11 mi.	Vis. 7 mi.

$\bar{T} = 75$

$HDD = 0$

$\Sigma HDD = 5$

$CDD = 10$

$\Sigma CDD = 132$

$T_{DAVIS} = 69/68$

$T_{UNV} = 68/68$

$T_W = 68°$

$T_D = 67°$

$\Sigma PCN_L = 1.89''$

$\Sigma PCN_S = 0.00''$

$PCN_{62} = 0.14''$

$\Sigma PCN_{62} = 1.94''$

Friday, 20 July 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. W	Temp 72 °F	-RA 8:30 - 9:20 LT -RA 12:00 - 12:40 LT -RA 13:00 - 13:30 LT TSRA 19:00 - 19:30 LT (over) OCCL -RA 19:30 - 21:00 LT		
Min. 60 °F	Vel. 2 m.p.h.	Read. 28.75 in.			
Set 60 °F	Char. Steady	Corr. 28.69 in.			
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	0700	1300	1900
Ppn. Liq. 0.51 in.	Prev. Dir. —	3 hr. Tend. +1.9 mb	Clds. Sc 8/10 St	Clds. Cu Sc 8/10 Ac	Clds. Cu 5/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Wx m.cloudy	Wx m.cloudy	Wx partly cloudy
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 70

HDD: 0

ΣHDD: 5

CDD: 5

ΣCDD: 137

TDAUIS: 60/55°

TUNV: 54/54°

Tw: 56°

Td: 54°

RA 21:00-21.20 LT

OCCL -RA 21.20LT - 23:30 LT

ΣPCN_L: 2.40"

ΣPCN_S: 0.0"

PCN_{65}: 0.51"

ΣPCN_{65}: 2.45"

Saturday, July 21 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. NNW	Temp 69 °F	1320LT : -RA
Min. 52 °F	Vel. 0 m.p.h.	Read. 28.97 in.	
Set 57 °F	Char. calm	Corr. 28.86 in.	

	0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. 0/10	Clds.	Clds. 2/10 Cu
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx Sunny	Wx	Wx M.Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLT	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 63

HDD: 2

ΣHDD: 7

CDD: 0

ΣCDD: 137

T_{DAVIS}: 57/53

T_{UMV}: 57/55

T_w: 52

T_d: 48

ΣPCN_L: 2.40"

ΣPCN_S: 0.0"

PCN_{adj}: T

ΣPCN_{adj}: 2.45"

Sunday, July 22 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. NE	Temp 67 °F			
Min. 54 °F	Vel. 2 m.p.h.	Read. 29.08 in.			
Set 59 °F	Char. steady	Corr. 28.98 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. 1/10 Ci	Clds.	Clds. 5/10 Sc Cu
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx mostly sunny	Wx	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 66

HDD: 0

ΣHDD: 7

CDD: 1

ΣCDD: 138

T_{DAVIS}: 61/53

T_{UNV}: 57/54

T_w: 55

T_d: 52

ΣPCN_L: 2.40"

ΣPCN_S: 0.0"

PCN_{6_0}: 0.00"

ΣPCN_{6_0}: 2.45"

Monday July 23, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. —	Temp 68 °F			
Min. 59 °F	Vel. 0 m.p.h.	Read. 29.03 in.			
Set 61 °F	Char. Calm	Corr. 28.91 in.			
			0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. St 10/10 Sc	Clds. Cu 8/10 Sc	Clds. Cu 4/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — +0.0 mb	Wx Overcast	Wx M.Cloudy	Wx P.Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 69$

$HDD = 0$

$\Sigma HDD = 7$

$CDD = 4$

$\Sigma CDD = 142$

$T_{DAVIS} = 61/54$

$T_{UNV} = 59/54$

$T_W = 56°$

$T_D = 52°$

$\Sigma PCN_L : 2.40"$

$\Sigma PCN_S : 0.0"$

$PCN_{62} : 0.00"$

$\Sigma PCN_{62} : 2.45"$

Tuesday 24 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp 68 °F			
Min. 53 °F	Vel. 0 m.p.h.	Read. 28.98 in.			
Set 58 °F	Char. calm	Corr. 28.86 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. Cu 3/10 Ci	Clds. Cu 3/10 Ci	Clds. Ns 10/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+0.4mb	Wx P.Cloudy	Wx P.Cloudy	Wx SHRA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 2 mi.

$\bar{T} = 63$

$HDD = 2$

$\Sigma HDD = 9$

$CDD = 0$

$\Sigma CDD = 142$

$T_{DAVIS} = 58/54$

$T_{UNV} = 55/55$

$T_W = 55°$

$T_D = 52°$

$\Sigma PCN_L = 2.40''$

$\Sigma PCN_S = 0.0''$

$PCN_{62} = 0.00''$

$\Sigma PCN_{62} = 2.45''$

Wednesday 25 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. ESE	Temp 74 °F	1750-1805 LT: -TSRA 1805-1820 LT: -SHRA 1820-2020 LT: -SHRA, occl -TSRA 2020-2220 LT: -SHRA
Min. 58* °F	Vel. 2 m.p.h.	Read. 29.02 in.	
Set 62 °F	Char. steady	Corr. 28.89 in.	* Overnight Low = 61°

	0700	1300	1900
	Clds. 10/10 St	Clds. 6/10 Cu Ci	Clds. 7/10 Sc Cu
	Wx Fog.	Wx Partly cloudy	Wx mostly cloudy
	Vis. 4 mi.	Vis. 25 mi.	Vis. 25 mi.

R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	
Ppn. Liq. 0.41 in.	Prev. Dir. —	3 hr. Tend. mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	

$\bar{T} = 70$

$HDD = 0$

$\Sigma HDD = 9$

$CDD = 5$

$\Sigma CDD = 147$

$T_{DAVIS} = 61/61$

$T_{UNV} = 61/61$

$T_W = 62^\circ$

$T_D = 62^\circ$

$\Sigma PCN_L = 2.81"$

$\Sigma PCN_S = 0.0"$

$PCN_{62} : 0.40"$

$\Sigma PCN_{62} : 2.85"$

Thursday 26 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 78 °F	Dir. SE	Temp 70 °F	2005-2010 LT : -SHRA
Min. * 62 °F	Vel. 4 m.p.h.	Read. 29.01 in.	0757-0759 LT : -SHRA
Set 69 °F	Char. steady	Corr. 28.90 in.	* dwpt low 67

	0700	1300	1900
R.H. 90 %	Clds. As Sc Cu 9/10	Clds. Cu Ccon 8/10	Clds. Sc Cu 7/10
Ppn. T in. Liq.	Wx light rain	Wx m. Cloudy	Wx m. Cloudy
Ppn. 0.0 in. Sol.	Vis. 18 mi.	Vis. 18 mi.	Vis. 16 mi.

Prev. Dir.	3 hr. Tend.	Snow Depth	Observer
—	+0.9 mb	0 in.	JCT

24 hr. Mov.	Sea L.
— mi.	30.21 in.

$\bar{T}$: 70

HDD: 0

ΣHDD: 9

CDD: 5

ΣCDD: 152

T_{DAVIS}: 69/66

T_{UNV}: 68/66

T_u: 66

T_d: 65

ΣPCN_L: 2.81"

ΣPCN_S: 0.0"

PCN_{6_0}: T

ΣPCN_{6_2}: 2.85"

Friday 27 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. W	Temp 71 °F	-TSRA 1620-1640 LT -SHRA 1840 - 1900 LT		
Min. 67 °F	Vel. 3 m.p.h.	Read. 28.86 in.			
Set 68 °F	Char. Steady	Corr. 28.73 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	Clds. AC 7/10 Cu	Clds. NS 10/10 Cu	Clds. Sc 4/10 Cu
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. -0.1 mb	Wx M.Cloudy Fog, Haze	Wx -SHRA Tstorm over Roseburg	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 16 mi.	Vis. 10 mi.	Vis. 17 mi.

$\bar{T}$: 75

HDD: 0

ΣHDD: 9

CDD: 10

ΣCDD: 162

T_{DAVG}: 68/65

T_{UNV}: 60/66

T_W: 65

T_d: 64

ΣPCN_L: 2.82"

ΣPCN_S: 0.0"

PCN_{65}: 0.01"

ΣPCN_{65}: 2.86"

Saturday 28 July 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SW	Temp 70 °F	0200-0230 LT : -SHRA 0230-0240 LT : +TSRA 0240-0300 LT : +SHRA		
Min. 66 °F	Vel. 2 m.p.h.	Read. 28.75 in.			
Set 67 °F	Char. steady	Corr. 28.63 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. Sc 10/10 Fg	Clds.	Clds. Ac 4/10 Ci As
Ppn. Liq. 0.25 in.	Prev. Dir. —	3 hr. Tend. /10.7 mb	Wx overcast/fog	Wx	Wx P.Cloudy Haze
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 3 mi.	Vis. mi.	Vis. ~8 mi.

$\bar{T}$: 73

HDD: 0

ΣHDD: 9

CDD: 8

ΣCDD: 170

T_{DAVIS}: 66/66

T_{UNIV}: 66/66

T_w: 67

T_d: 67

ΣPCN_L: 3.07"

ΣPCN_S: 0.0"

PCN_{6_2}: 0.25"

ΣPCN_{6_2}: 3.11"

Sunday 29 July 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. NNE	Temp 69 °F			
Min. * 67 °F	Vel. 3 m.p.h.	Read. 29.80 in.			
Set 69 °F	Char. Steady	Corr. 29.68 in.	* Overnight Low: 68°		
			0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. Cc 2/10 St	Clds.	Clds. 3/10 Ci 3/10 Co
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.9 mb	Wx m. Sunny Fog/Haze	Wx	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 3 mi.	Vis. mi.	Vis. ~1/6 mi.

T: 74

HDD: 0

ΣHDD: 9

CDD: 9

ΣCDD: 179

TDAVIS: 69/67

TUNV: 68/68

Tw: 6[illegible]

Td: 66

ΣPCN: 3.07"

ΣPCN$_S$: 0.0"

PCN$_{62}$: 0.00"

ΣPCN$_{62}$: 3.11"

Monday 30 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. E	Temp 70 °F	-TSRA 1400-1445 < T
Min. 65 °F	Vel. 1 m.p.h.	Read. 28.85 in.	
Set 66 °F	Char. Steady	Corr. 28.73 in.	

	0700	1300	1900
R.H. 100 %	Clds. 10/10 St	Clds. 9/10 Sc	Clds. 4/10 Cu 4/10 Sc
Ppn. Liq. 0.04 in.	Wx Overcast Fog/Haze	Wx M.Cloudy	Wx P.Cloudy
Ppn. Sol. 0.0 in.	Vis. ~9 mi.	Vis. ~13 mi.	Vis. ~14 mi.

24 hr. Mov.	Sea L.	3 hr. Tend.	Prev. Dir.	Snow Depth	Observer
— mi.	in.	+0.6 mb	—	0 in.	ADB

T: 75

HDD: 0

ΣHDD: 9

CDD: 9

ΣCDD: 188

TDAVIS: 67/66

TUNV:

To: 65

TOL: 65

ΣPCN_L: 3.11"

ΣPCN_S: 0.0"

PCN_{62}: 0.04"

ΣPCN_{62}: 3.15"

Tuesday 31 July 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 83 °F	Dir. NE	Temp 70 °F	-TSRA 2140LT-2200LT
Min. 64 °F	Vel. 0 m.p.h.	Read. 28.89 in.	
Set 65 °F	Char. Calm	Corr. 28.77 in.	
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +0.7 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	

	0700	1300	1900
Clds.	Clds. Ste 1/10 Ac Sc	Clds. 1/10 Cu	Clds. 3/10 Cu
Wx	Wx Fog m. clear	Wx M. Clear	Wx P. Cloudy
Vis.	Vis. ~20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 74
HDD: 0
ΣHDD: 9
CDD: 9
ΣCDD: 197

T_{DAVIS}: 67/63
T_{UNV}: 64/63

T_W: 62
T_d: 61

ΣPCN_L: 3.12"
ΣPCN_S: 0.0"

PCN_{6_d}: ~~74~~
ΣPCN_{6_d}: 3.15"

Thursday 2 August 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 89 °F	Dir. WSW	Temp 71 °F	
Min. 68* °F	Vel. 0 m.p.h.	Read. 28.90 in.	* Overnight Low = 69°
Set 70 °F	Char. calm	Corr. 28.78 in.	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — +0.0mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	

0700	1300	1900
Clds. 0/10	Clds. 4/10 Cu Ccon	Clds. 8/10 Ci St
Wx Sunny	Wx P. Sunny	Wx M. Cloudy
Vis. ~20 mi.	Vis. ~20 mi.	Vis. 17 mi.

$\bar{T} = 79$

HDD = 0

ΣHDD = 0

CDD = 14

ΣCDD = 25

$T_{DAVIS} = {}^{72}/_{67}$

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

$T_W = 67°$

$T_D = 65°$

$\Sigma PCN_L = T$

$\Sigma PCN_S = 0.0''$

$PCN_{62} : 0.00''$

$\Sigma PCN_{62} : T$

Sunday, 1 July 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. N	Temp 72 °F			
Min. 56 °F	Vel. 2 m.p.h.	Read. 28.96 in.			
Set 60 °F	Char. steady	Corr. 28.84 in.	0700	1300	1900
R.H. 58 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. 1/10 Ci	Clds.	Clds. 3/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx mostly sunny	Wx	Wx M Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLT	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 68

HDD: 0

ΣHDD: 0

CDD: 3

ΣCDD: 3

T_{DAVIS}: 61/48

T_{UNV}: 59/52

$T_{\bar{c}}$: 52

$T_{\bar{d}}$: 45

ΣPCN_L: 0.00"

ΣPCN_S: 0.0"

PCN_{6_2}: 0.00"

ΣPCN_{6_2}: 0.00"

Monday, 2 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. NE	Temp 74 °F			
Min. 49 °F	Vel. 2 m.p.h.	Read. 29.12 in.			
Set 55 °F	Char. Steady	Corr. 28.99 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. Ci 1/10	Clds. 4/10 Cu	Clds. 3/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↑ +.4 mb	Wx M. Sunny	Wx P. Cloudy	Wx M. Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 61$

$CDD = 0$

$\Sigma CDD = 3$

$HDD = 4$

$\Sigma HDD = 4$

$T_{DAVIS} = 56/47$

$T_{UNV} = 54/48$

$T_W = 51°$

$T_D = 45°$

$\Sigma PCN_L = 0.00''$

$\Sigma PCN_S = 0.00''$

$PCN_{G2} : 0.00''$

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

Tuesday, 3 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. NE	Temp 76 °F			
Min. 54 °F	Vel. 1 m.p.h.	Read. 29.10 in.			
Set 57 °F	Char. Steady	Corr. 29.96 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.31 in.	Clds. Ci 2/10 Ac	Clds. Sc 8/10 Cu	Clds. Sc 9/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx m. Sunny	Wx M.Cloudy	Wx M.Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 64

HDD: 1

ΣHDD: 5

CDD: 0

ΣCDD: 3

T_{DAVG}: 55/50

T_{UNV}: 55/54

T_w: 53

T_d: 50

ΣPCN_L: 0.00"

ΣPCN_S: 0.0"

PCN_{σ_2}: 0.00"

ΣPCN_{σ_2}: 0.00"

Wednesday July 4, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. SE	Temp 84 °F	0750-0800LT: -SHRA		
Min. 57 °F	Vel. 4 m.p.h.	Read. 28.96 in.			
Set 67 °F	Char. Variable	Corr. 28.80 in.	Overnight Low = 64°		
			0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. Ns 9/10 St	Clds. St 10/10 As	Clds. 10/10 Ns
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. — +0 mb	Wx -SHRA	Wx Haze Overcast	Wx -SHRA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 15 mi.	Vis. 10 mi.	Vis. 7 mi.

$\bar{T} = 68$

$HDD = 0$

$\Sigma HDD = 5$

$CDD = 3$

$\Sigma CDD = 6$

$T_{DAVIS} = {}^{66}/_{60}$

$T_{UNV} = {}^{66}/_{59}$

$T_W = 62°$

$T_D = 58°$

$\Sigma PCN_L = 0.00"$

$\Sigma PCN_S = 0.0"$

$PCN_{G2} : T$

$\Sigma PCN_{G2} : 0.00"$

Thursday, July 5 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. SW	Temp 84 °F	0800 - 0810 LT : -SHRA 1530 - 1700 LT : -TSHRA 2020 - 2230 LT : -SHRA 0200 - 0250 LT : -SHRA		
Min. 67 °F	Vel. 2 m.p.h.	Read. 28.84 in.			
Set 70 °F	Char. Variable	Corr. 28.68 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. 10/10 St. As	Clds. 10/10 St Cu	Clds. 8/10 Sc Cu
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. /+.2 mb	Wx Overcast Fog	Wx Overcast Haze	Wx M.Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 7 mi.	Vis. 7 mi.	Vis. 8 mi.

$\bar{T} = 71$

$HDD = 0$

$\Sigma HDD = 5$

$CDD = 6$

$\Sigma CDD = 12$

$T_{DAILY} = 70/68$

$T_{UNV} = 68/68$

$T_W = 68°$

$T_D = 67°$

$\Sigma PCN_L = 0.06''$

$\Sigma PCN_S = 0.0''$

$PCN_{G2} = 0.06''$

$\Sigma PCN_{G2} = 0.06''$

Friday, July 6, 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 79 °F	Dir. SW	Temp 85 °F	TSHRA 1400 LT - 1600 LT 4TSRA 2100 LT - 0120 LT
Min. 64 °F	Vel. 2 m.p.h.	Read. 28.88 in.	
Set 65 °F	Char. Steady	Corr. 28.72 in.	

	0700	1300	1900
R.H. 98 %	Clds. 9/10 Cu 1/10 Fog	Clds. 6/10 Cu	Clds. 3/10 Cu Cea
Ppn. Liq. 0.37 in.	Wx M, Clear Fog/Haze	Wx Partly cloudy	Wx M, Sunny
Ppn. Sol. 0.0 in.	Vis. ~1 0 mi.	Vis. 25 mi.	Vis. 25 mi.

Snow Depth 0 in. — Prev. Dir. — — 24 hr. Mov. — mi. — 3 hr. Tend. +1.0 mb — Sea L. 30.03 in. — Observer ADB

$\bar{T}$: 72
HDD: 0
ΣHDD: 5
CDD: 7
ΣCDD: 19

T_{DAVIS}: 67/65
T_{UNV}: 68/64

T_W: 64
T_d: 64.5

ΣPCN_L: 0.43"
ΣPCN_S: 0.0"

PCN_{60}: 0.37"
ΣPCN_{60}: 0.43"

Saturday 7 July 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SW	Temp 81 °F			
Min. 59 °F	Vel. 6 m.p.h.	Read. 28.90 in.			
Set 64 °F	Char. Steady	Corr. 28.75 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. Ci 1/10 contrails	Clds.	Clds. 1/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.2 mb	Wx m.Sunny	Wx	Wx mostly sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AOB	Vis. 22 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 71
HDD: 0
ΣHDD 5
CDD: 6
ΣCDD: 85

T_{DAVIS}: 64/59
T_{UNIV}: 64/57

T_W: 60
T_d: 58

ΣPCN_L: 0.43"
ΣPCN_S: 0.0"

PCN_{62}: 0.00"
ΣPCN_{62}: 0.43"

Sunday, 8 July, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. WSW	Temp 87 °F			
Min. 63 °F	Vel. 5 m.p.h.	Read. 28.81 in.			
Set 68 °F	Char. Steady	Corr. 28.65 in.	0700	1300	1900
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Clds. 0/10	Clds.	Clds. Ac 6/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +.03 mb	Wx Sunny, haze	Wx	Wx Haze P.Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 22 mi.	Vis. mi.	Vis. 22 mi.

$\bar{T}$: 73

HDD: 0

ΣHDD: 5

CDD: 8

ΣCDD: 33

T_{Davis}: 68/62

T_{Univ}: 68/61

T_w: 63

T_d: 61

ΣPCN_L: 0.43"

ΣPCN_S: 0.0"

PCN_{G_2}: 0.00"

ΣPCN_{G_2}: 0.43"