Saturday 1 September 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. N	Temp 71 °F			
Min. 53 °F	Vel. 0 m.p.h.	Read. 29.05 in.			
Set 54 °F	Char. calm	Corr. 28.94 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. mi.	Sea L. 30.31 in.	Clds. 0/10	Clds.	Clds. 1/10 As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Sunny	Wx	Wx M. Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 65

CDD: 0

ΣCDD: 0

HDD: 0

ΣHDD: 0

T_{DAYS}: —

T_{WV}: 54/54

T_w: 54

T_d: 54

ΣPCN_L: 0.00"

ΣPLN_S: 0.0"

PCN_{6_d}: 0.00"

ΣPLN_{6_d}: 0.00"

Sunday 2 September 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. NE	Temp 70 °F			
Min. 52 °F	Vel. 1 m.p.h.	Read. 29.15 in.			
Set 53 °F	Char. Light	Corr. 29.03 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. 0/10	Clds.	Clds. ~ 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.8 mb	Wx Sunny	Wx	Wx Tranquil
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

F: 64
CDD: 0
ΣCDD: 0
HDD: 1
ΣHDD: 1

T DAVIS: —
T unv: 50/50

T_w: 52
T_d: 51

ΣPCN_L: 0.00"

ΣPCN_S: 0.0"

PCN_{GV}: 0.00"

ΣPCN_{GV}: 0.00"

Monday, 3 September, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —	Temp 71 °F			
Min. 53* °F	Vel. 0 m.p.h.	Read. 28.98 in.			
Set 60 °F	Char. calm	Corr. 28.86 in.	*overnight low = 59°		
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ✓ +0.3mb	Clds. ~0/10	Clds. 2/10 Sc	Clds. 1/10 Ci
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Wx Clear and comfortable	Wx Mostly Sunny	Wx Clear
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ = 66

CDD = 1

HDD = 0

ΣCDD = 1

Σ HDD = 1

ΣPCN_L = 0.00"

ΣPCN_S = 0.0"

T_{DAVIS} = M/M

T_{UNV} = 57°/57°

T_{KPSU} = M/M

T_w = 58.5°

T_D = 57.5°

PCN_{GZ} = 0.00"

ΣPCN_{GZ} = 0.00"

Tuesday September 4, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. ←	Temp 70 °F			
Min. 60 °F	Vel. 0 m.p.h.	Read. 29.48 in.			
Set 62 °F	Char. Calm	Corr. 29.26 in.			
			0700	1300	1900
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.31 in.	Clds. 0/10	Clds. ~0/10	Clds. 2/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ~ +1 mb	Wx L. Fog, Clear	Wx Sunny	Wx M Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. ~20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 72$

$HDD = 0$

$CDD = 7$

$\Sigma HDD = 1$

$\Sigma CDD = 8$

$\Sigma PCN_L = 0.00''$

$T_{Davis} = 63/59$

$T_{UNV} = 59/59$

$Gauged = 0.00''$

$\Sigma Gauged = 0.00''$

Wednesday 5 September 2007
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. E	Temp 71 °F			
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.94 in.			
Set 62 °F	Char. Calm	Corr. 28.82 in.			
			0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. 1/10 Ci	Clds. 1/10 Cu	Clds. 4/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / +1.3mb	Wx M. Sunny	Wx Hazy	Wx Hazy Sun
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

ΣHDD : 1

CDD : 8

ΣCDD : 16

$T_{DAVIS} = 63/59$

$T_{UNV}: 59/59$

$T_W : 61°$

$T_D : 59°$

$\Sigma PCN_L : 0.00"$

$PCN_{GZ} : 0.00"$

$\Sigma PCN_{GZ} : 0.00"$

Thursday September 6, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. —	Temp 72 °F			
Min. 62 °F	Vel. 0 m.p.h.	Read. 29.12 in.			
Set 67 °F	Char. Calm	Corr. 28.83 in.			
			0700	1300	1900
R.H. 80 %	24 hr. Mov. ← mi.	Sea L. 30.12 in.	Clds. Cs 4/10	Clds. 1/10 Ci, Cu	Clds. 1/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ~ +2 mb	Wx mostly sunny, haze	Wx quite hazy	Wx M. Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NA	Vis. ~17 mi.	Vis. ~25 mi.	Vis. 25 mi.

$\bar{T} = 73$

$HDD = 0$

$CDD = 8$

$\Sigma HDD = 1$

$\Sigma CDD = 24$

$\Sigma PCN_L = 0.00''$

$T_{Days} = 64/64$

$T_{UNV} = 63/63$

$Gauged = 0.00''$

$\Sigma Gauged = 0.00''$

Friday 7 September 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. S	Temp 72 °F			
Min. 67* °F	Vel. 0 m.p.h.	Read. 29.04 in.	*Overnight Low = 71°		
Set 71 °F	Char. calm	Corr. 28.91 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. 3/10 Sc	Clds.	Clds. 1/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -/+.3 mb	Wx Haze M. Sunny	Wx	Wx haze
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. ~15 mi.	Vis. mi.	Vis. 22 mi.

$\bar{T}$: 77

HDD: 0

ΣHDD: 1

CDD: 12

ΣCDD: 36

T_{DAVIS}: 72/68

T UNV: 70/68

T_W: 69°

T_D: 68°

ΣPCN_L: 0.00"

PCN_{62}: 0.00"

ΣPCN_{62}: 0.00"

Saturday 8 September 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 88 °F	Dir. SW	Temp 72 °F			
Min. 71 °F	Vel. 6 m.p.h.	Read. 28.94 in.			
Set 72 °F	Char. Steady	Corr. 28.81 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 5/10 Ci Contrails	Clds.	Clds.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.6 mb	Wx Haze P. Cloudy	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 17 mi.	Vis. mi.	Vis. mi.

$\bar{T}$: 80
HDD: 0
ΣHDD: 1
CDD: 15
ΣCDD: 51

T_{DAVG}: 72/69
T_{AVG}: 72/68

T_w: 70
T_d: 69

ΣPCM_2: 0.00"
ΣPCM_3: 0.0..

PCM_{02}: 0.00"
ΣPCM_{02}: 0.00"

Sunday 9 September 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. SE	Temp 72 °F	-SH-RA ~1130, ~1500 LT		
Min. 66 °F	Vel. 0 m.p.h.	Read. 28.88 in.			
Set 70 °F	Char. calm	Corr. 28.76 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. Fg 4/10 Ci Sc	Clds.	Clds. 10/10 Ns, St
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.4 mb	Wx Fog/haze	Wx	Wx --DL, muggy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLT	Vis. 4 mi.	Vis. mi.	Vis. 2 mi.

$\bar{T}$: 75

HDD: 0

ΣHDD: 1

CDD: 10

ΣCDD: 61

T_{max}: 69/69

T_{min}: 66/66

$\bar{T}_w$: 0°

T_D: 61

ΣPCN_L: T"

ΣPCN_S: 0.0"

PCN_{6_r}: 0.00"

ΣPCN_{6_r}: 0.00"

Monday, 10 September, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. SW	Temp 72 °F	-RA/-DZ: 1650-2210LT OCNL -DZ: 2210LT-0855		
Min. 68 °F	Vel. 3 m.p.h.	Read. 28.87 in.			
Set 69 °F	Char. steady	Corr. 28.75 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. 10/10 St	Clds. Sc 9/10 Cu	Clds. Cu 8/10
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. ↗ +1.1 mb	Wx FG/HZ	Wx M.Cloudy	Wx mostly cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. ~4.5 mi.	Vis. 25 mi.	Vis. 25 mi.

$T = 75$

$CDD = 10$

$\Sigma CDD = 71$

$\Sigma HDD = 1$

$\Sigma PCN_L = 0.10"$

$\Sigma PCN_S = 0.0"$

$T_{DAVIS} = 68.5°/68.5°$

$T_{UWV} = 68°/68°$

$T_{KPSU} = 68°/68°$

$T_W = 68.5°$

$T_D = 68.5°$

$PCN_{BZ} = 0.09"$

$\Sigma PCN_{BZ} = 0.09"$

Tuesday September 11, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 80 °F	Dir. N	Temp 72 °F	-RA 0424 - 0443 +RA 0454 - 0611 -RA 0635 - 0653
Min. 65 °F	Vel. 3 m.p.h.	Read. 28.94 in.	
Set 65 °F	Char. Steady, calm	Corr. 28.73 in.	

	0700	1300	1900
R.H. 100 %	Clds. 10/10 St	Clds. 10/10 Ns, St	Clds. 4/10 Sc
24 hr. Mov. — mi.	Sea L. 29.85 in.	3 hr. Tend. -1 mb	
Ppn. Liq. 0.68 in.	Prev. Dir. —	Wx cloudy	Wx -DZ, -RA]	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 2.1 mi.	Vis. ~5 mi.	Vis. 25 mi.

$\bar{T} = 73$

$HDD = 0$

$CDD = 8$

$\Sigma HDD = 1$

$\Sigma CDD = 79$

$\Sigma PCN_C = 0.78''$

$T_{Davis} = 65/65$

$T_{UNV} = 64/64$

$Gauged = 0.68''$

$\Sigma Gauged = 0.77''$

Wednesday 12 September 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 72 °F	Dir. WNW	Temp 71 °F	1030 - 11:45 LT: -SHRA 1500 - 1530 LT: -SHRA, OCCI SHRA		
Min. 55 °F	Vel. 7 m.p.h.	Read. 28.84 in.			
Set 56 °F	Char. Steady	Corr. 28.72 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. Sc 1/10	Clds. Cu 5/10	Clds. Cu 5/10
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. +2.1 mb	Wx M. Sunny	Wx P. Sunny	Wx Partly Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 64$

HDD: 1

ΣHDD: 2

CDD: 0

ΣCDD: 79

$T_{DAVIS} = 56/50$

$T_{UNV} = 55/48$

$T_W = 53°$

$T_D = 50°$

$\Sigma PCN_L = 0.84$

$PCN_{G2} = 0.06"$

$\Sigma PCN_{G2} = 0.83"$

Thursday September 13, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 70 °F			
Min. 48 °F	Vel. 0 m.p.h.	Read. 29.18 in.			
Set 50 °F	Char. Calm	Corr. 28.82 in.	0700	1300	1900
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. 0/10	Clds. 2/10 Cu,Cc	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. ←	3 hr. Tend. / +2 mb	Wx Sunny	Wx M.Sunny	Wx Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 59$

$HDD = 6$

$CDD = 0$

$\Sigma HDD = 8$

$\Sigma CDD = 79$

$\Sigma PCWL = 0.84"$

Taaris = 50/49

TUNV = 46/46

Gauge1 = 0.00"

Σ Gauge1 = 0.83"

Friday 14 September 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. S	Temp 72 °F			
Min. 50* °F	Vel. 7 m.p.h.	Read. 28.90 in.			
Set 65 °F	Char. Variable	Corr. 28.77 in.	*Overnight Low: 60°		
			0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 9/10 St	Clds. 10/10 St Ns	Clds. 10/10 Ns
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \ -0.3mb	Wx Fog M.Cloudy	Wx Overcast	Wx -SHRA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ.	Vis. 15 mi.	Vis. 6 mi.	Vis. 15 mi.

$\bar{T} = 62$

HDD: 3

ΣHDD: 11

CDD: 0

ΣCDD: 79

T_{DAVIS}: 65/62

T_{UNV}: 63/63

$T_W = 63°$

$T_D = 62°$

ΣPCN_L: 0.84"

PCN_{G2}: 0.00"

ΣPCN_{G2}: 0.83"

Saturday 15 September 2001 / 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. NW	Temp 69 °F	1610-1620 LT : + RA 1620-1630 LT : + TSRA 1630-1800 LT : - SHRA 1900-2030 LT : - SHRA		
Min. 53 °F	Vel. 6 m.p.h.	Read. 28.88 in.			
Set 53 °F	Char. variable	Corr. 28.77 in.			
			0700	1300	1900
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. Cu 3/10	Clds.	Clds. 4/10 St 4/10 Sc
Ppn. Liq. 0.35 in.	Prev. Dir. —	3 hr. Tend. +1.9 mb	Wx M. Sunny	Wx	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 62$

$HDD = 3$

$\Sigma HDD = 14$

$CDD = 0$

$\Sigma CDD = 79$

$T_{DAVIS} : 53/48$

$T_{UNIV} : 52/46$

$T_W : 50$

$T_S : 47$

$\Sigma PCN_L : 1.19"$

$\Sigma PCN_S : 0.0"$

$PCN_{L_1} : 0.35"$

$\Sigma PCN_{L_2} : 1.18"$

Sunday, 16 September 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. NNW	Temp 68 °F	-SHRA 1305 LT		
Min. 43 °F	Vel. 2 m.p.h.	Read. 29.05 in.			
Set 46 °F	Char. Steady	Corr. 28.93 in.			
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.31 in.	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Clds. 9/10 St As	Clds.	Clds. 1/10 Ci, Ac, As
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AOB	Wx P Partly Fog M. Cloudy	Wx	Wx M. clear
			Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

F: 52
HDD: 13
ΣHDD: 27
CDD: 0
ΣCDD: 79

Tmax: 45/43
Tmin: 45/45

Tw: 46
Td: 46

ΣPCN_L: 1.19"
ΣPCN_S: 0.0"

PCN_{Gd}: 0.00"
ΣPCN_{Gd}: 1.18"

Monday, 17 September, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. —	Temp 69.5 °F	Rather deep fog / surface stratus deck following base of Tussey Mountain. Similar decks visible towards Gatesburg Ridge, Lemont, and also across valley to SW.		
Min. 39 °F	Vel. 0 m.p.h.	Read. 29.24 in.			
Set 41 °F	Char. calm	Corr. 29.13 in.	0700	1300	1900
R.H. 99 %	24 hr. Mov. — mi.	Sea L. 30.54 in.	Clds. 3/10 St	Clds. 0/10	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ⌐ +1.6 mb	Wx Clear, widespread valley fog	Wx Sunny	Wx Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 1 (NE-SE), 3 (elsewhere) mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 50°$

$HDD = 15$

$\Sigma HDD = 42$

$\Sigma CDD = 79$

$\Sigma PCN_L = 1.19"$

$\Sigma PCN_S = 0.0"$

$T_{DAVIS} = 42°/41.5°$

$T_{UNV} = 39°/39°$

$T_{KASU} =$

$T_w = 41.6°$

$T_D = 41.5°$

$PCN_{@2} = 0.00"$

$\Sigma PCN_{@2} = 1.18"$

Tuesday September 18, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. —	Temp 72 °F			
Min. 41 °F	Vel. 0 m.p.h.	Read. 29.20 in.			
Set 45 °F	Char. Calm	Corr. 28.84 in.	θ = OVNT LOW 45		
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Clds. CS 4/10 (variable)	Clds. 2/10 Ci, Ac	Clds. SC 3/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Wx Sunny, Fog	Wx Pleasant	Wx M. Clear
			Vis. ~17 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 53$
HDD = 12
CDD = 0
ΣHDD = 54
ΣCDD = 79
ΣPCWL = 1.19"

$T_{Davis} = 47/45$
$T_{UNV} = 39/39$

Gauge = 0.00"
ΣGauge = 1.18"

Wednesday 19 September 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. ESE	Temp 72 °F			
Min. 45* °F	Vel. 0 m.p.h.	Read. 29.18 in.	* Overnight Low = 48		
Set 48 °F	Char. calm	Corr. 29.05 in.	0700	1300	1900
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	Clds. Ci 1/10 St	Clds. ~0/10	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — +.3 mb	Wx Sunny Fog	Wx Blue skies	Wx Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. ~15 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 58$

HDD: 7

ΣHDD: 61

CDD: 0

ΣCDD: 79

T_{DAVIS}: 49/47

T_{UNV}: 45/45

T_W: 48°

T_D: 47°

ΣPCN_L: 1.19"

PCN_{62}: 0.00"

ΣPCN_{62}: 1.18"

Thursday September 20, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. —	Temp 74 °F			
Min. 48 °F	Vel. 0 m.p.h.	Read. 29.24 in.			
Set 51 °F	Char. Calm	Corr. 28.82 in.	DOINT LOW = 51		
			0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. 2/10 Cs	Clds. 4/10 Ac, cu	Clds. Ac 3/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx Sunny, Fog	Wx P. Sunny	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 6.3 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 61$

$HDD = 4$

$CDD = 0$

$\Sigma HDD = 65$

$\Sigma CDD = 79$

$\Sigma PCN_L = 1.19''$

$T_{Davis} = 53/53$

$T_{UNV} = 50/50$

$Gauge = 0.00$

$\Sigma Gauge = 1.18''$

Friday 21 September 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. SE	Temp 72 °F			
Min. 51 °F	Vel. 0 m.p.h.	Read. 29.04 in.			
Set 55 °F	Char. calm	Corr. 28.91 in.	Overnight Low: 54°		
			0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	Clds. Clear X overhead	Clds. 2/10 Ci	Clds. 1/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.3 mb	Wx Dense Fog	Wx M. Sunny	Wx hm. clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ.	Vis. ~0.2 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 65$

HDD: 0

Σ HDD: 65

CDD: 0

Σ CDD: 79

T_{DAVIS}: 54/54

T_{UNV}: 54/54

T_W: 54

T_O: 54

ΣPCN_C: 1.19"

PCN_{G2}: 0.00"

ΣPCN_{G2}: 1.18"

Saturday 22 September 2007
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SW	Temp 73 °F			
Min. 55 °F	Vel. 4 m.p.h.	Read. 28.91 in.	Overnight Low = 63°		
Set 66 °F	Char. variable	Corr. 28.78 in.	0700	1300	1900
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. 2/10 Ci	Clds.	Clds. 0/10 –
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —+0 mb	Wx M. Sunny	Wx	Wx Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 68

HDD: 0

ΣHDD: 65

CDD: 3

ΣCDD: 82

T_{DAVIS}: 66/65

T_{UNV}: 64/61

T_W: 65°

T_D: 64°

ΣPCN_L: 1.19"

PCN_{62}: 0.00"

ΣPCN_{62}: 1.18"

Sunday, 23 September, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. —	Temp 74.5 °F			
Min. 53 °F	Vel. 0 m.p.h.	Read. 29.10 in.			
Set 54 °F	Char. calm	Corr. 28.98 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. 0/10 —	Clds.	Clds. ~0/10 Few As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / +1.2 mb	Wx Clear as a bell	Wx	Wx Autumnal
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 69°$

CDD = 4

$T_{DAVIS} = 56°/52°$

$T_{UNV} = 54°/50°$

$T_{KPSU} = 46°/46°$

$T_w = 53°$

$T_D = 52.5°$

$\Sigma HDD = 65$

$\Sigma CDD = 86$

$\Sigma PCN_L = 1.19"$

$PCN_{GZ} = 0.00"$

$\Sigma PCN_{GZ} = 1.18"$

Monday, 24 September, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. —	Temp 75 °F			
Min. 48 °F	Vel. 0 m.p.h.	Read. 29.15 in.			
Set 49 °F	Char. calm	Corr. 29.02 in.	0700	1300	1900
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. 0/10 -	Clds. 0/10	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ✓ +1.0 mb	Wx A bright start	Wx Sunny	Wx Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 62°$

HDD = 3

$\Sigma HDD = 68$

$\Sigma CDD = 86$

$\Sigma PCN_L = 1.19"$

$\Sigma PCN_S = 0.0"$

$T_{DAVIS} = 50°/46°$

$T_{UNV} = 46°/45°$

$T_{KPSU} = 44°/41°$

$T_W = 47.5°$

$T_D = 46°$

$PCN_{QTZ} = 0.00"$

$\Sigma PCN_{QTZ} = 1.18"$

Tuesday September 25, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —	Temp 74 °F			
Min. * 49 °F	Vel. 0 m.p.h.	Read. 29.23 in.			
Set 5.5 °F	Char. Calm	Corr. 28.95 in.	*OUNT LOW = 55		
			0700	1300	1900
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. 8/10	Clds. 4/10 Cu, As	Clds. 3/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — ≈0 mb	Wx Sunny	Wx Partly Sunny	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 65$
$HDD = 0$
$CDD = 0$
$\Sigma HDD = 68$
$\Sigma CDD = 86$
$\Sigma PCN_L = 1.19''$

$T_{DAMS} = 55/54$
$T_{UNV} = 57/50$

$T_w = 50^\circ$
$T_d = 45^\circ$

Gauged $= 0.00''$
Σ Gauged $= 1.18''$

Wednesday 26 September 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 88 °F	Dir. WSW	Temp 80 °F			
Min. * 55 °F	Vel. 2 m.p.h.	Read. 28.93 in.	Overnight Low: 67°		
Set 69 °F	Char. Steady	Corr. 28.78 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. Ac 1/10	Clds. Cu Ac 4/10	Clds. Cu 5/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — +0 mb	Wx Haze M Sunny	Wx P. Cloudy	Wx Partly Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 16 mi.	Vis. ~22 mi.	Vis. 25 mi.

$\bar{T}$: 72

HDD : 0

Σ HDD : 68

CDD : 7

Σ CDD : 93

ΣPCN_L = 1.19 "

T_{DAVIS} : 69/67

T_{UNV} : 66/64

T_W : 67°

T_D : 65°

PCN_{62} : 0.00"

ΣPCN_{62} : 1.18"

Thursday September 27, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. —	Temp 78 °F	TSRA 0340-0420 -RA 0420-0500		
Min. 64 °F	Vel. 0 m.p.h.	Read. 29.14 in.			
Set 65 °F	Char. Calm	Corr. 28.83 in.			
			0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. Cu 7/10 Cs Ci	Clds. 3/10 Ci, Cs	Clds. Ns 10/10 St
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. ~ −1 mb	Wx Sunny/ Fog	Wx Sunny	Wx Overcast
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. ~10 mi.	Vis. 25 mi.	Vis. ~8 mi.

$T = 74$

$HDD = 0$

$CDD = 9$

$\Sigma HDD = 68$

$\Sigma CDD = 102$

$\Sigma PCN_L = 1.22''$

$T_{Davis} = 64/64$

$T_{UNV} = 63/63$

$T_w = 65$

$T_d = 65$

$Gauged = 0.03''$

$\Sigma Gauged = 1.21''$

Friday 28 September 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SW	Temp 78 °F	1730-1940 LT: -SHRA, OCCI-TSRA, OCCI SHRA		
Min. 60 °F	Vel. 3 m.p.h.	Read. 28.81 in.	0030-0130 LT: OCCI -SHRA		
Set 60 °F	Char. Steady	Corr. 28.67 in.	0415-0520 LT: -SHRA		
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	0700	1300	1900
Ppn. Liq. 0.36 in.	Prev. Dir. —	3 hr. Tend. /+1.1 mb	Clds. 5/10 St Cu Sc	Clds. 4/10 Cb Cu	Clds. 2/10 Cu
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Wx P.Cldy	Wx -TSRA	Wx M-Clear
			Vis. ~15 mi.	Vis. ~15 mi.	Vis. 25 mi.

$\bar{T} = 70$

$HDD = 0$

$\Sigma HDD = 68$

$CDD = 5$

$\Sigma CDD = 107$

$T_{DAVIS} = 60/60$

$T_{UNV} = 61/59$

$T_W = 60°$

$T_D = 60°$

$\Sigma PCN_L = 1.58"$

$PCN_{62} = 0.37"$

$\Sigma PCN_{62} = 1.58"$

Saturday 29 September 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 67 °F	Dir. NW	Temp 76 °F	1345 LT - 1420 LT : - TSRA
Min. 49 °F	Vel. 2 m.p.h.	Read. 29.23 in.	
Set 50 °F	Char. steady	Corr. 29.11 in.	

0700	1300	1900
Clds. Cu 1/10	Clds.	Clds. 0/10
Wx m. sunny	Wx	Wx Clear
Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

R.H.	24 hr. Mov.	Sea L.			
80 %	< mi.	30.48 in.			
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. +.25 mb			
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT			

$\bar{T} = 58$

$HDD = 7$

$\Sigma HDD = 75$

$CDD = 0$

$\Sigma CDD = 107$

$T_{ww} = 50/46$

$T_w = 47°$

$T_d = 44°$

$\Sigma PCN_L = 1.61"$

$PCN_{60} = 0.04"$

$\Sigma PCN_{60} = 1.62"$

Sunday 30 September 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. ESE	Temp 74 °F			
Min. 46 °F	Vel. 0 m.p.h.	Read. 29.30 in.			
Set 47 °F	Char. Calm	Corr. 29.17 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.56 in.	Clds. Ci 1/10 Cont.	Clds.	Clds. 10/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.1 mb	Wx M. Sunny	Wx	Wx Thn cirrus deck
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 17 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 58

HDD: 7

ΣHDD: 82

CDD: 0

ΣCDD: 107

TDAVG: 47/46

TAVG: 43/43

Tw: 46

Td: 45

SEL. TEMPS.

$\bar{T}_{MAX}$ = 76.7°F

$\bar{T}_{MIN}$ = 54.4°

$\bar{T}_{SEL}$ = 65.58°

ΣPCN_L: 1.61"

ΣPCN_S: 0.01"

PCN_{SL}: 0.00"

ΣPCN_{SL}: ~~0.00~~ 1.62"