Saturday, October 1, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. SSE	Temp 73 °F			
Min. 41 °F	Vel. 1 m.p.h.	Read. 29.11 in.			
Set 44 °F	Char. Light	Corr. 28.99 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.37 in.	Clds. 0/10	Clds.	Clds. 1/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.1 mb	Wx Clear	Wx	Wx Clear, tranquil
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ = 53
HDD = 12
CDD = 0
ΣHDD = 12
ΣCDD = 0
ΣPCN_L = 0.00"

T_{DAVIS} = 45/41
T_{DAV} = 44/41

T_d = M
T_w = M

PCN_{UTO} = N/A
ΣPCN_{UTO} = N/A

Sunday, 2 October, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp 70 °F	** Thick stratus deck/fog at Lemont obscuring all but the top of Mt. Nittany, Fog also along base of Mt. Tussey to S.		
Min. 44* °F	Vel. 0 m.p.h.	Read. 29.22 in.			
Set 51 °F	Char. calm	Corr. 29.11 in.	*Overnight low = 51°		
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / +1.1 mb	Clds. ** 3/10 St, Sc, Ci	Clds.	Clds. 0/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Wx M. Clear**	Wx	Wx Clear
			Vis. = 15 2.5 to E, 15 to SSW, mi. *otherwise maximum	Vis. mi.	Vis. 25 mi.

$\bar{T} = 59$

$CDD = 0$

$\Sigma CDD = 0$

$HDD = 6$

$\Sigma HDD = 18$

$\Sigma PCN_L = 0.00"$

$\Sigma PCN_S = 0.0"$

$T_{DAVIS} = 51.5°/50.5°$

$T_{UNV} =$

$T_{KPSU} =$

$T_W = 50.5°$

$T_D = 50°$

$PCN_{LTB} = 0.00"$

$\Sigma PCN_{LTB} = N/A$

Monday, 3 October, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —	Temp 71.5 °F			
Min. 51* °F	Vel. 0 m.p.h.	Read. 29.23 in.			
Set 53 °F	Char. calm	Corr. 29.11 in.	*overnight low = 53°		
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	0700 Clds. 3/10 Ci, St, Sc	1300 Clds.	1900 Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↗ +1.0 mb	Wx Fair w. Th Fog	Wx	Wx Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. = 8 1/4 N→SE, otherwise ~15 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 65$

HDD = 0

Σ HDD = 18

Σ CDD = 0

$\Sigma PCN_L = 0.00"$

$\Sigma PCN_S = 0.0"$

$T_{DAVIS} = 54.0°/52.5°$

$T_{UNV} = 50°/50°$

$T_{KPSU} = 52°$

$T_w = 53°$

$T_b = 52.5°$

$PCN_{LTB} = 0.00"$

$\Sigma PCN_{LTB} = N/A$

TUESDAY 4 OCTOBER 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. —	Temp 72 °F			
Min. 52 °F	Vel. 0 m.p.h.	Read. 29.25 in.			
Set 52 °F	Char. Calm	Corr. 29.12 in.	0700	1300	1900
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	Clds. 3/10 CS, ST	Clds. 4/10 CU, AS	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 40.5 mb	Wx +FG-E FG-N,W,S	Wx +HZ	Wx Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. 4-E 25-NW,S mi.	Vis. 20 mi.	Vis. 25 mi.

$\bar{T} = 65$

$CDD = 0$

$HDD = 0$

$\Sigma CDD = 0$

$\Sigma HDD = 18$

$\Sigma PCN_L = 0.00^{4}$

$T_{DAVIS} = 54/50$

$T_{UNV} = 46/46$

$T_W = 49.5$

$T_D = 47.5$

Meteorological Observatory
Univeristy Park, PA

Wednesday, October 5th, 2005 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp 74 °F			
Min. * 52 °F	Vel. 0 m.p.h.	Read. 29.13 in.			
Set 58 °F	Char. Calm	Corr. 29.01 in.	* overnight low: 57		
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.36 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +.8 mb	Clds. St 7/10 Sc	Clds.	Clds. 2/10 ST
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	Wx FG	Wx	Wx FG
			Vis. ~3 mi.	Vis. mi.	Vis. 1/4 mi.

T = 65

H_{DD} = 2

C_{DD} = 0

ΣH_{DD} = 20

ΣC_{DD} = 0

$\Sigma P(N)_L$ = 0.00"

T_{Daily} = 58/57

T_{www} = 54/54

T_{wet} = 56

T_{dew} = 55

$P(N)_{LTB}$ = N/A

$\Sigma P(N)_{LTB}$ = N/A

Thursday October 6, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. S	Temp 74 °F			
Min. 58* °F	Vel. 2 m.p.h.	Read. 29.06 in.			
Set 65 °F	Char. Light	Corr. 28.93 in.	0700	1300	1900
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. 1/10 SC	Clds. 10/10 SC	Clds. 8/10 SC
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \-0. mb	Wx -FG, cloudy	Wx FG, cloudy	Wx FG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. 25 mi.	Vis. 20 mi.	Vis. ~10 mi.

* overnight low = 61°

$\bar{T} = 67$

HDD = 0

CDD = 2

ΣHDD = 20

ΣCDD = 2

$\Sigma PCN_L = 0.00''$

$T_{DAVIS} = 61/59$

$T_{UNIV} = 60/63$

$T_N = 62$

$T_D = 61.5$

Friday, October 7, 2005 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. ESE	Temp 72 °F	-SHRA 1327-1348 LT -SHRA 0444-0453 LT -RA 0515-0633 LT RA 0634-obs * Overnight low = 67°F
Min. * 65 °F	Vel. 3 m.p.h.	Read. 28.80 in.	-DZ 1430-1445 LT
Set 67 °F	Char. Light and Variable	Corr. 28.68 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. \-1.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	

0700	1300	1900
Clds. Ns 10/10	Clds. Ns 10/10	Clds. 10/10
Wx RA, FG	Wx +RA	Wx -DZ
Vis. 1 mi.	Vis. 1.75 mi.	Vis. ~3 mi.

$\bar{T} = 69$

$HDD = 0$

$CDD = 4$

$\Sigma HDD = 20$

$\Sigma CDD = 6$

$\Sigma PCN_L = 0.061$

$T_{Davis} = 67/66$

$T_{UNV} = 66/64$

$T_{wet} = 67$

$T_{dew} = 67$

$PCN_{LTG} = N/A$

$\Sigma PCN_{LTG} = N/A$

Saturday, October 8, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 69 °F	Dir. NNE	Temp 76 °F	-RA/RA OBS-0904 RA/+RA 0904-1613 -RA 1613-2205 -RA 0223-OBS MAX DAILY PRECIP (OBS) = 1.90", 1950)		
Min. 53 °F	Vel. 4 m.p.h.	Read. 28.67 in.			
Set 53 °F	Char. Gusty	Corr. 28.54 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.88 in.	Clds. Ns 10/10	Clds.	Clds. 10/10 Ns,St
Ppn. Liq. 2.83 in.	Prev. Dir. —	3 hr. Tend. /+0.7 mb	Wx Light - Rain	Wx	Wx -DZ/-RA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~3 mi.	Vis. mi.	Vis. ~20 mi.

$\bar{T} = 61$

$HDD = 4$

$CDD = 0$

$\Sigma HDD = 24$

$\Sigma CDD = 6$

$\Sigma PCN_L = 2.89^*$

$T_{DAVIS} = 53/53$

$T_{WW} = 52/52$

$T_d = m$

$T_w = m$

$PCN_{UM} = N/A$

$\Sigma PCN_{UM} = N/A$

Meteorological Observations
Univeristy Park, PA

Sunday, October 9, 2005 — 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 54 °F	Dir. NNE	Temp 73 °F	085-0910LT: OCNL -RA 910-1300LT: -RA 1630-1745: -RA 1840-2030: OCNL -RA * Fog/St cloud base along tops of Tussey and Nittany Ridges
Min. 48 °F	Vel. 2 m.p.h.	Read. 28.79 in.	
Set 49 °F	Char. light	Corr. 28.66 in.	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	
Ppn. Liq. 0.13 in.	Prev. Dir. —	3 hr. Tend. / +0.8mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	

	0700	1300	1900
Clds.	10/10 St, Sc	Clds.	Clds. 10/10 St, Sc
Wx	Cloudy *	Wx	Wx Overcast
Vis.	25 mi.	Vis. mi.	Vis. 25 mi.

HDD = 14

ΣHDD = 38

ΣCDD = 6

T_{DAVIS} = 50°/48°

T_{UMV} = 48°/46°

T_{KPSM} = 48°/48°

T_W = 48.5°

T_D = 48°

ΣPCN_L = 3.08"

ΣPCN_S = 0.0"

PCN_{LTB} = N/A

ΣPCN_{LTB} = 1.70"

Monday, 10 October, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 58 °F	Dir. NNE	Temp 72.5 °F	-DZ/Mist: 2300LT-0015 (OCNL)		
Min. 49* °F	Vel. 1 m.p.h.	Read. 28.93 in.			
Set 50 °F	Char. light	Corr. 28.81 in.	* Overnight low = 50°		
			0700	1300	1900
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. 10/10 St	Clds. 10/10 St, Sc	Clds. 10/10 ST
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ↓ +0.6 mb	Wx Mist/Fog	Wx Overcast	Wx Fog, Overcast
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. ~3.5 mi.	Vis. ~15 mi.	Vis. ~17 mi.

$\bar{T}$ = 54
HDD = 11

Σ HDD = 49
Σ CDD = 6

ΣPCN_L = 3.0"
ΣPCN_B = 0.0"

T_{DAVIS} = 50°/49.5°
T_{UNIV} = 48°/48°
T_{KPSM} = 50°/50°

T_W = 49.5°
T_b = 49°

PCN_{LTB} = 0.00"
ΣPCN_{LTB} = N/A

TUESDAY OCTOBER 11, 2005

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 59 °F	Dir. NNE	Temp 72 °F	-DZ obs-0830 LT OCCL - DZ ~0600 LT
Min. 50* °F	Vel. 3 m.p.h.	Read. 28.93 in.	* overnight low = 54°
Set 55 °F	Char. Light	Corr. 28.80 in.	
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+0.6 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer COP	

0700	1300	1900
Clds. 10/10 ST	Clds. 10/10 AS	Clds. ST 9/10
Wx +FG OVERCAST	Wx -FG	Wx Cloudy
Vis. ~4 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 55$

$CDD = 0$
$HDD = 10$

$\Sigma CDD = 6$
$\Sigma HDD = 59$

$\Sigma PCN_L = 3.02"$

$T_{DAVIS} = 56/55$
$T_{UNR} = 54/52$

$T_W = 53°$
$T_D = 51.5°$

Meteorological Observatory
Univeristy Park, PA

Wednesday, October 12, 2005 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 60 °F	Dir. —	Temp 72 °F	OCCL -SHRA 0058 - 0145 LT OCCL -SHRA 0237 - 0403 LT OCCL - DZ 0650 - obs
Min. 54 °F	Vel. 0 m.p.h.	Read. 28.94 in.	
Set 56 °F	Char. Calm	Corr. 28.82 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. ↓ + 0.8 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	

0700	1300	1900
Clds. Ns 10/10	Clds. Sc 10/10	Clds. 10/10 NS
Wx -DZ, FG	Wx Cloudy	Wx OVRCAST MIST FRG
Vis. 1/2 mi.	Vis. ~20 mi.	Vis. ~4 mi.

$T = 57$

$HDD = 8$

$CDD = 0$

$\Sigma HDD = 67$

$\Sigma CDD = 6$

$\Sigma PCN_L = 3.06"$

$T_{Davis} = 57/57$

$T_{UNV} = 55/55$

$T_w = 56$

$T_d = 56$

$PCN_{LTB} =$ N/A

$\Sigma PCN_{LTB} =$ N/A

Thursday October 13, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 60 °F	Dir. NE	Temp 74 °F	OCCL FG/MIST 0900 - 1020 OCCL FG/MIST 2320 - 0820 FG/MIST OCCL DZ 0220 - 0920
Min. 50 °F	Vel. 4 m.p.h.	Read. 29.10 in.	
Set 50 °F	Char. Light + Var.	Corr. 28.96 in.	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. \-0.3 mb	
Ppn. Sol. 0.0 in.	Snow Depth 2 in.	Observer CJP	

	0700	1300	1900
Clds.	10/10 NS	10/10 NS	10/10 NS
Wx	+FG OVERCAST	+FG OVCST MIST	FG, Mist
Vis.	0.5 mi.	0.5 mi.	4 mi.

$\bar{T} = 55$

$HDD = 10$

$\Sigma CDD = 6$

$\Sigma HDD = 77$

$\Sigma PCN_L = 3.09''$

$T_{DAVIS} = 51/51$

$T_{UNV} = 50/50$

$T_W = 49$

$T_D = 48$

Meteorological Observatory
Univeristy Park, PA

Friday October 14, 2005 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 57 °F	Dir. NNE	Temp 71 °F	-SHRA 1506-1521 LT OCCL DZ 2002-2131 LT OCCL -RA 0327-0353 LT -SHRA 0609-0623 LT
Min. * 50 °F	Vel. 2 m.p.h.	Read. 28.88 in.	
Set 55 °F	Char. Light & Variable	Corr. 28.76 in.	* Overnight low: 54
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. / +0.2mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	

0700	1300	1900
Clds. St 10/10	Clds. St 10/10 Ns	Clds. St 9/10 As
Wx Overcast, FG	Wx Cloudy	Wx Mostly Cloudy
Vis. 1/2 mi.	Vis. ~5 mi.	Vis. ~15 mi.

$T = 54$

$HDD = 11$

$CDD = 0$

$\Sigma HDD = 88$

$\Sigma CDD = 6$

$\Sigma PCN_L = 3.16''$

$T_{Davis} = 56/56$

$T_{UNV} = 55/55$

$T_{wet} = 55$

$T_{dew} = 55$

$PCN_{LTB} = N/A$

$\Sigma PCN_{LTB} = N/A$

Saturday, October 15, 2005 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 62 °F	Dir. W	Temp 70 °F	-RA 1627 - 1718 UT
Min. 52 °F	Vel. 4 m.p.h.	Read. 28.61 in.	
Set 55 °F	Char. Light & Variable	Corr. 28.49 in.	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 29.82 in.	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. L -0.4 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	

0700	1300	1900
Clds. Ac St 5/10	Clds.	Clds. 2/10 St, Sc, Ac
Wx Partly Sunny	Wx	Wx M. Clear
Vis. ~2.5 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 57$

$HDD = 8$

$CDD = 0$

$\Sigma HDD = 96$

$\Sigma CDD = 6$

$\Sigma PCN_L = 3.17"$

$T_{DAVIS} = 55/54$

$T_{UNV} = 54/54$

$T_d = m$

$T_w = m$

$PCN_{LMS} = N/A$

$\Sigma PCN_{LMS} = N/A$

Meteorological Observatory
Univeristy Park, PA

Sunday, 16 October, 2005 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. WNW	Temp 69 °F			
Min. 50 °F	Vel. 6&9 m.p.h.	Read. 28.66 in.			
Set 51 °F	Char. breezy	Corr. 28.55 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.90 in.	Clds. 7/10 Cu	Clds.	Clds. 9/10 Cu, Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+0.5 mb	Wx Considerable cloudiness	Wx	Wx Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

1-39

HDD = 6

Σ HDD = 102

Σ CDD = 6

ΣPCN_L = 3.17"

T_{DAVIS} = 51.0°/45°

T_{UNIV} = 50°/43°

T_{MESA} = 52°/27°

T_w = 47.5°

T_D = 44.5°

PCN_{LTB} = 0.00"

ΣPCN_{LTB} = N/A

Meteorological Observatory
Univeristy Park, PA

Monday, 17 October, 2005 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 58 °F	Dir. NNW	Temp 72 °F	-SHRA (occl) 1400-1600 CT
Min. 48 °F	Vel. 5 m.p.h.	Read. 28.75 in.	
Set 49 °F	Char. STEADY	Corr. 28.62 in.	
R.H. 56 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WJS	

	0700	1300	1900
Clds.	9/10 Sc	4/10 Cu, Sc	1/10 Ci
Wx	AUTUMNAL	P. Cloudy	Clear
Vis.	25 mi.	25 mi.	25 mi.

HDD = 12

ΣHDD = 114

ΣCDD = 6

T_{DAVIS} = 50/41

T_{UNIV} = 48/38

T_{KPSU} = —

T_W = 42

T_D = 34

ΣPCN_L = 3.17

PCN_{LTR} =

ΣPCN_{LTR} = M

Tuesday October 18, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 60 °F	Dir. WSW	Temp 70 °F			
Min. 49* °F	Vel. 7 m.p.h.	Read. 28.58 in.	* overnight low = 50°		
Set 56 °F	Char. Gusty to 14	Corr. 28.46 in.	0700	1300	1900
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 29.74 in.	Clds. 2/10 AC	Clds. 4/10 CU	Clds. 1/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. V0.0 mb	Wx Clear	Wx Clear Windy	Wx Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 55$

CDD = 0
HDD = 10
$\Sigma CDD = 6$
$\Sigma HDD = 124$
$\Sigma PCN_L = 3.17''$

$T_{DAILY} = 50/46$
$T_{UNIT} = 54/43$

$T_W = 49$
$T_D = 43$

Meteorological Observatory
Univeristy Park, PA

Wednesday, October 19, 2005 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. —	Temp 73 °F			
Min. 44 °F	Vel. 0 m.p.h.	Read. 28.76 in.			
Set 45 °F	Char. Calm	Corr. 28.64 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. Ci 5/10 Cs	Clds. Ci 3/10	Clds. 1/10 AC
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — +0.0mb	Wx -FG Partly Cloudy	Wx Breezy Mostly Sunny	Wx ~~FG~~ OVRCAST
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	Vis. 25 mi.	Vis. 25 mi.	Vis. 17 mi.

$\bar{T} = 56$

HDD = 9

CDD = 0

ΣHDD = 133

ΣCDD = 6

ΣPCN_L = 3.17"

T_{Davis} = 44/41.5

T_{UNV} = 43/41

T_{dry} = 45

T_{wet} = 43

T_{dew} = 41

PCN_{LTB} = N/A

ΣPCN_{LTB} = N/A

Thursday October 20, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. NNE	Temp 74 °F			
Min. 42 °F	Vel. 3 m.p.h.	Read. 28.89 in.			
Set 42 °F	Char. Light + Variable	Corr. 28.76 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. Ci 4/10 OS	Clds. 10/10 AC	Clds. Ns 10/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.5 mb	Wx -FG	Wx -HZ, BLSN	Wx -RA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	Vis. 25 mi.	Vis. 25 mi.	Vis. ~10 mi.

$\bar{T} = 58$

HDD = 7

CDD = 0

ΣHDD = 140

ΣCDD = 6

$\Sigma PCN_L = 3.17''$

$T_{DAYES} = 44/38$

$T_{UNV} = 39/36$

$T_W = 39$

$T_D = 35.5$

Friday October 21, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 51 °F	Dir. NE	Temp 73 °F	OCCL -RA 1939-2052 LT, 1640-1750 OCCL -RA 2128-0028 LT -SHRA 0236-0306 LT OCCL -RA 0424-0524 LT
Min. * 42 °F	Vel. 2 m.p.h.	Read. 28.86 in.	
Set 45 °F	Char. Light & Variable	Corr. 28.74 in.	* overnight low: 45°F
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. — 0.2 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	

0700	1300	1900
Clds. St 9/10 Ac	Clds. 10/10 St, Sc	Clds. Ns 10/10 St
Wx FG	Wx overcast	Wx Cloudy
Vis. 25 east mi. ~1 across Turkey	Vis. 25 mi.	Vis. ~10 mi.

$\bar{T} = 47$

$HDD = 18$

$CDD = 0$

$\Sigma HDD = 158$

$\Sigma CDD = 6$

$\Sigma PLN_L = 3.27''$

$T_{Davis} = 46/44$

$T_{UNV} =$

$T_{wa} = 44$

$T_{dew} = 43$

$PLN_{LTG} = N/A$

$\Sigma PLN_{LTG} = N/A$

Meteorological Observatory
Univeristy Park, PA

Saturday, 22 October, 2005 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 47 °F	Dir. ENE	Temp 73 °F	2245-0025 LT: -RA/RA 0025-0415 LT: -DL/OCNL-RA 0415-0600 LT: -RA/RA 0600 LT-OBS: -DL/OCNL-RA t OBS-2245 LT: Couple brief periods of -DL/-RA
Min. 45 °F	Vel. 5 m.p.h.	Read. 28.68 in.	
Set 45 °F	Char. steady	Corr. 28.56 in.	
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 29.72 in.	
Ppn. Liq. 0.37 in.	Prev. Dir. —	3 hr. Tend. \ -2.6 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	

	0700	1300	1900
Clds.	Clds. 10/10 Ns, Sc	Clds.	Clds. 10/10 St, Sc?, Ns
Wx	Wx -RA; top of Nittany and Tussey ridges obscured by lower	Wx	Wx -RA
Vis.	Vis. ~12 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$ = 46

HDD = 19

ΣHDD = 177

ΣCDD = 6

ΣPCN_L = 3.64"

T_{DAVIS} = 46°/45°

T_{UNV} = 45°/43°

T_{KPSU} = 45°/45°

T_{WB} = 44.5°

T_{DP} = 44°

PCN_{LTB} = 0.00"

ΣPCN_{LTB} = N/A

Sunday, 23 October, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 48 °F	Dir. WNW	Temp 71 °F	OBS – 0910 LT: -RA/-DL/RA 910 – 1820 LT: OCNL -DL/-RA 1820 – 2100 LT: -RA/RA/DL
Min. 42 °F	Vel. 5 m.p.h.	Read. 28.63 in.	
Set 42 °F	Char. steady	Corr. 28.51 in.	

	0700	1300	1900
R.H. 81 %	Clds. 5/10 Cu, Sc	Clds.	Clds. 4/10 Cu, Ac
Ppn. Liq. 0.36 in.	Wx Partly cloudy and blustery	Wx	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

Snow Depth	Observer	Sea L.	3 hr. Tend.	Prev. Dir.	24 hr. Mov.
0 in.	AGM	29.88 in.	⌐/+1.0 mb	—	— mi.

$\bar{T} = 45°$

HDD = 20

ΣHDD = 197

ΣCDD = 6

$\Sigma PCN_L = 4.00"$

$T_{DAVIS} = 42°/36.5°$

$T_{UNV} = 41°/36°$

$T_{KPSU} = 41°/36°$

$T_{WB} = 39.5°$

$T_{DP} = 37°$

$PCN_{LTB} = 0.00"$

$\Sigma PCN_{LTB} = N/A$

Meteorological Observatory
Univeristy Park, PA

Monday, 24 October, 2005 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. NE	Temp 70.5 °F	0300-0420LT: OCNL-DL 0420LT-OBS: DL/-RA		
Min. 40 °F	Vel. 1 m.p.h.	Read. 28.75 in.	* Fog noted in Tussey and Nittany ridges, although ridgetops are unobscured		
Set 41 °F	Char. light	Corr. 28.63 in.	0700	1300	1900
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. 10/10 Ns,St,Cu	Clds. 10/10 St, Ns	Clds. 10/10 Ns,Sc
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. ~-0.1 mb	Wx -RA*	Wx Overcast	Wx -RA +FG OBSCST
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 5 mi.	Vis. 7 mi.	Vis. ~1 mi.

$\bar{T} = 46°$

HDD = 19

ΣHDD = 216

ΣCDD = 6

$\Sigma PCN_L = 4.06"$

$T_{DAVIS} = 42°/40°$

$T_{UNIV} = 39°/39°$

$T_{KPSU} = 41°/41°$

$T_{WB} = 40°$

$T_{DP} = 39°$

$PCN_{ICE} = 0.00"$

$\Sigma PCN_{ICE} = N/A$

TUESDAY OCTOBER 25, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 44 °F	Dir. NNE	Temp 70 °F	-RA 0800 – 1340 +RA 1900 – 0800
Min. 38 °F	Vel. 4 m.p.h.	Read. 28.44 in.	
Set 38 °F	Char. LSNI + variable	Corr. 28.32 in.	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.50 in.	
Ppn. Liq. 0.43 in.	Prev. Dir. —	3 hr. Tend. \- 20 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CJP	

0700	1300	1900
Clds. 10/10 NS, SC	Clds. 10/10 NS	Clds. NS 10/10
Wx -RA +FG OVERCST	Wx -SN FG NMCST	Wx -RA
Vis. 0.5 mi.	Vis. 0.5 mi.	Vis. ~5 mi.

$\bar{T} = 41$

HDD = 24

CDD = 0

ΣHDD = 240

ΣCDD = 6

$\Sigma PCN_L = 4.49''$

$T_{DAVIS} = 40/38$

$T_{UNIV} = 37/37$

$T_W = 37$

$T_D = 36$

Wednesday, October 26, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. R_1 40 °F	Dir. NNW	Temp 72 °F	SB 0845 LT RASN 0845-1000 LT SN 1000-1300 LT -SN 1300-1400 LT -SNRA 1400-1800 LT -RA 1800-2253 LT Silver dollar-size flakes See back →
Min. 33 °F	Vel. 6 m.p.h.	Read. 28.64 in.	
Set 39 °F	Char. Light & Variable	Corr. 28.52 in.	
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	
Ppn. Liq. 1.15 in.	Prev. Dir. —	3 hr. Tend. */+1.5 mb	
Ppn. Sol. 1.5 R_a in.	Snow Depth T in.	Observer SBS	

0700	1300	1900
Clds. St 7/10 Ac	Clds. Ci Cu Ac 6/10	Clds. 8/10 AC
Wx Mostly Cloudy	Wx Hz Partly Cloudy	Wx -FG
Vis. 25 mi.	Vis. ~20 mi.	Vis. ~20 mi.

$\overline{T} = 37$

$HDD = 28$

$CDD = 0$

$\Sigma HDD = 268$

$\Sigma CDD = 6$

$\Sigma PCN_{L} = 5.64''$

$T_{Davis} = 40/36$

$T_{UNV} = 39/34$

$T_{wet} = 37$

$T_{dew} = 33$

R_1 - Tied min max (1943, 1962)

R_2 - New record snowfall (previous - 1962 1.0")

$PCN_{LTB} = N/A$

$\Sigma PCN_{LTB} = N/A$

Thursday October 27, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 49 °F	Dir. W	Temp 72 °F	-RA 1320 – 1500 -RA 1620 – 1640 RA 0140 – 0220 DZ 0440 – 0500		
Min. 39* °F	Vel. 2 m.p.h.	Read. 28.99 in.	*overnight low = 39		
Set 39 °F	Char. Usnt	Corr. 28.76 in.	0700	1300	1900
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 10/10 AC	Clds. 10/10 AC SC	Clds. 10/10 SC
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -/+1.0 mb	Wx -FG, BKN	Wx -FG OVRCST	Wx Overcast
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CDP	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 44$

HDD = 21

CDD = 0

Σ HDD = 289

Σ CDD = 6

$\Sigma P_{CM_2} = 5.64''$

$T_{DAYS} = 39/36$

$T_{UNIV} = 37/36$

$T_W = 36.5$

$T_D = 33$

Friday, October 28, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 44 °F	Dir. —	Temp 72 °F	-SHRA 1147-1239 LT OCCL - RA 2204-2307 LT
Min. 36 °F	Vel. 0 m.p.h.	Read. 29.08 in.	
Set 36 °F	Char. Calm	Corr. 28.96 in.	

0700	1300	1900
Clds. Ci St Ac 6/10	Clds. 9 Cu, Sc, 10 Ac	Clds. 7/10 Sc
Wx -FG	Wx M. Cloudy	Wx
Vis. 10 mi.	Vis. 25 mi.	Vis. 25 mi.

R.H.	24 hr. Mov.	Sea L.	
90 %	— mi.	30.37 in.	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. — + 0.5mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SBS	

$\bar{T} = 40$

$HDD = 25$

$CDD = 0$

$\Sigma HDD = 314$

$\Sigma CDD = 6$

$\Sigma PCN_L = 5.65"$

$T_{Davis} = 37/34$

$T_{UNV} = 34/34$

$T_{wet} = 35$

$T_{dew} = 34$

$PCN_{LTQ} = N/A$

$\Sigma PCN_{LTQ} = N/A$

Saturday, October 29, 2005 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 47 °F	Dir. NNW	Temp 71 °F			
Min. 36 °F	Vel. 5 m.p.h.	Read. 28.14 in.			
Set 37 °F	Char. Light + Variable	Corr. 29.02 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	Clds. Sc 9/10	Clds.	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+0.5 mb	Wx Mostly Cloudy	Wx	Wx Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MLS	Vis. ~15 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 42$

$HDD = 27$

$CDD = 0$

$\Sigma HDD = 341$

$\Sigma CDD = 6$

$\Sigma PCN_L = 5.65"$

$T_{DAILY} = 37/30$

$T_{UNN} = 36/28$

$T_d = m$

$T_w = m$

$PCN_{UNO} = N/A$

$\Sigma PCN_{UNO} = N/A$

Sunday, 30 October, 2005 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. SW	Temp 72 °F	* OVNT LOW 40		
Min. * 37 °F	Vel. 1 m.p.h.	Read. 29.18 in.			
Set 40 °F	Char. light	Corr. 29.06 in.	0700	1300	1900
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.46 in.	Clds. 1/10 Cs, St, Sc	Clds.	Clds. 3/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / +1.1 mb	Wx Finally a clear sunrise	Wx	Wx Pleasant & cool
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 45°$

HDD = 20

Σ HDD = 357

Σ CDD = 6

$\Sigma PCN_L = 5.65"$

$\Sigma PCN_S = 1.5"$

$T_{DAVIS} = 41.5°/35.5°$

$T_{UNV} = 39°/34°$

$T_{KPSU} = 36°/30°$

$T_w = 38°$

$T_h = 36°$

$PCN_{LTB} = 0.00"$

$\Sigma PCN_{LTB} = N/A$

Monday, 31 October, 2005 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 60 °F	Dir. WSW	Temp 71.5 °F			
Min. 35 °F	Vel. 3 m.p.h.	Read. 29.09 in.	At obs: Light fog from NE to SE, thickest at Bealsburg; also along base of mt ranges.		
Set 37 °F	Char. steady	Corr. 28.97 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.38 in.	Clds. 8/10 Ci, Cc	Clds. 1/10 Ci	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —-0.1 mb	Wx Magnificent mare's tails	Wx Gorgeous full day	Wx Clear Beautiful
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 48°$

HDD = 17

ΣHDD = 374

ΣCDD = 6

$\Sigma PCN_L = 5.65"$

$\Sigma PCN_S = 1.5"$

$T_{DAVIS} = 40.5°/32.5°$

$T_{UNIV} = 34°/30°$

$T_{KPSU} = 37°/28°$

$T_W = 35°$

$T_D = 32.5°$

OCT. TEMPS.

$\bar{T}_{MAX} = 59.8°F$

$\bar{T}_{MIN} = 46.0$

$\bar{T}_{OCT} = 52.9$

$PCN_{LTB} = 0.00"$

$\Sigma PCN_{LTB} = N/A$