FRIDAY NOV 1 2002

Meteorological Observ... Univeristy Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 41 °F	Dir. WSW	Temp 73 °F	-RA 0658 LT -OBS
Min. 30 °F	Vel. 4 m.p.h.	Read. 28.76 in.	
Set 38 °F	Char. STEADY	Corr. 28.64 in.	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. _ 1 mb	
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer MMM.	

0700	1300	1900
Clds. 9/10 Sc	Clds. 10/10 NS	Clds. 4/10 Cu
Wx -RA	Wx -IP/SN	Wx Gusty
Vis. 15 mi.	Vis. 2 mi.	Vis. 8 mi.

T = 36

HDD = 29

CDD = 0

ΣHDD = 29

ΣCDD = 0

ΣPCN_L = T

ΣPCN_S = 0.0 "

TDAVIS = 39/35

TNNV = 37/32

TW = 36

TD = 33

PCNTB = 0.00 "

ΣPCNTB = 0.00 "

Saturday, November 2, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 43 °F	Dir. —	Temp 72 °F	-RA 0800LT-0810LT -PLRASN 1250LT-1350LT -SN 1500LT-1520LT -SHSN 0030LT-0115LT -SHSN 0245LT-0320LT -SHSN 0410LT-0445LT
Min. 30 °F	Vel. 0 m.p.h.	Read. 28.81 in.	
Set 30 °F	Char. Calm	Corr. 28.69 in.	
R.H. 72 %	24 hr. Mov. M mi.	Sea L. 30.06 in.	
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. Steady mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer JEP	

0700	1300	1900
Clds. Sc, Ci 6/10	Clds.	Clds. 10/10 St
Wx Hz	Wx	Wx cold
Vis. 18 mi.	Vis. mi.	Vis. 8 mi.

$\bar{T}$: 37
HDD: 28
CDD: 0
ΣHDD: 57
ΣCDD: 0
ΣPCN_L: T
ΣPCN_S: T

T_{DAVIS}: 30/24
T_{UNV}: 28/21

T_W: 27
T_O: 22

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

Meteorological Observatory
Univeristy Park, PA

Sunday November 3 2002 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. —	Temp 72 °F	*Overnight low 35°F -SHSN 1930 - 2000 LT
Min. 30* °F	Vel. 0 m.p.h.	Read. 28.92 in.	
Set 35 °F	Char. Calm	Corr. 28.80 in.	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +/1.5 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer RJM	

0700	1300	1900
Clds. 9/10 St	Clds.	Clds. 3/10 Ci
Wx -Fg	Wx	Wx Cool
Vis. 15 mi.	Vis. mi.	Vis. 10 mi.

$T = 36$

$HDD = 29$

$CDD = 0$

$EHDD = 86$

$ECDD = 0$

$EPCN_1 = T$

$EPCN_2 = T$

$T_{Davis} = 35/29$

$T_{UNV} = 36/26$

$T_U = 33$

$T_D = 29$

$PCN_{TB} = 0.00$

$EPCN_{TB} = 0.0$

Monday November 4, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. —	Temp 72 °F			
Min. 29 °F	Vel. 0 m.p.h.	Read. 28.83 in.			
Set 32 °F	Char. Calm	Corr. 28.71 in.	0700	1300	1900
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. 10 10 St
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -10.6 mb	Wx -Fg	Wx Hz	Wx Cont
Ppn. Sol. 0.00 in.	Snow Depth 0.00 in.	Observer KRV	Vis. 5 mi.	Vis. 10 mi.	Vis. 10 mi.

$T = 37$

$HDD = 28$

$CDD = 0$

$\Sigma HDD = 114$

$\Sigma CDD = 0$

$\Sigma PCN_L = T$

$T_{davis} = 32/28$

$T_{UNV} = 30/26$

$T_w = \_\_$

$T_d = 28$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Tuesday November 5, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 43 °F	Dir. ——	Temp 73 °F	*Overnight low 33° -SN 7:30 - 10:00 LT -AZ 11:00 - 16:00 LT
Min. * 32 °F	Vel. 0 m.p.h.	Read. 29.01 in.	
Set 33 °F	Char. Calm	Corr. 28.89 in.	
R.H. 95 %	24 hr. Mov. —— mi.	Sea L. 30.30 in.	
Ppn. Liq. 0.01 in.	Prev. Dir. ——	3 hr. Tend. +1.3 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer KRV	

	0700	1300	1900
Clds.	4/10 Cc	10/10 St	10/10 NS
Wx	Fg	Cool	Rg
Vis.	3 mi.	20 mi.	4 mi.

$\bar{T} = 38$

$HDD = 27$

$CDD = 0$

$\Sigma HDD = 141$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.01$

$T_{davis} = 34/32$

$T_{UVV} = 34/30$

$T_w = —$

$T_d = 32$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Wednesday, November 6, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 44 °F	Dir. SW	Temp 74 °F	*Overnight low 37° 1715-1800, RA, -PL, -SN 1800-0215, -RA 215-600, -DZ		
Min. 33* °F	Vel. 1 m.p.h.	Read. 28.36 in.			
Set 41 °F	Char. Steady	Corr. 28.23 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.59 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. 10/10 St
Ppn. Liq. 0.46 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx FG	Wx lt. wind	Wx lt. wind
Ppn. Sol. T in.	Snow Depth 0 in.	Observer RAK	Vis. 4 mi.	Vis. 15 mi.	Vis. 20 mi.

$\bar{T} = 39$

$T_{dans} = 40/40$

$T_w = 40°$

$HDD = 26$

$T_{www} = 39/37$

$T_d = 39°$

$CDD = 0$

$\Sigma HDD = 167$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.47''$

$\Sigma PCN_S = T$

$PCN_{TD} = 0.00''$

$\Sigma PCN_{TD} = 0.00''$

Thursday, November 7, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. NW	Temp 74 °F	1030 - 1140 -DZ 1225 - 1345 -DZ 2215 - 0103 -DZ 0530 - 0600 -RA		
Min. 37 °F	Vel. 10 m.p.h.	Read. 28.78 in.			
Set 38 °F	Char. Gusty	Corr. 28.65 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 9/10 Cu As	Clds. 2/10 Cu	Clds. 4/10 Ac
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ↗ + 1.5 mb	Wx Breezy	Wx Breezy	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PAK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 41$

$HDD = 24$

$CDD = 0$

$\Sigma HDD = 191$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.47"$

$\Sigma PCN_S = T$

$T_{davis} = 38/32$

$T_{UNV} = 37/28$

$T_w = 34°$

$T_d = 28°$

$PCN_{TD} = 0.00"$

$\Sigma PCN_{TD} = 0.00"$

FRIDAY NOVEMBER 8 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. —	Temp 74 °F			
Min. 36 °F	Vel. 0 m.p.h.	Read. 28.70 in.			
Set 38 °F	Char. calm	Corr. 28.57 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Clds. 0/10	Clds. 6/10 Ci	Clds.
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. ↑ - 1 mb	Wx	Wx warm.	Wx
Ppn. Sol. 0.08 in.	Snow Depth 0 in.	Observer M.M.M.	Vis. 25 mi.	Vis. 25 mi.	Vis. mi.

$\bar{T}$ = 41

HDD = 24

CDD = 0

ΣHDD = 215

ΣCDD = 0

$\Sigma PCNL$ = 0.47"

$\Sigma PCNS$ = T

TDAVIS =

TMNV = 37/30

TW = 34

TD = 28°

PCNTB = 0.00"

$\Sigma PCNTB$ = 0.00"

Meteorological Observatory
Univeristy Park, PA

Saturday November 9, 2002 — 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 64 °F	Dir. –	Temp 74 °F	*overnight low 40°
Min. 38* °F	Vel. 0 m.p.h.	Read. 28.80 in.	
Set 42 °F	Char. Calm	Corr. 28.69 in.	
R.H. 63 %	24 hr. Mov. – mi.	Sea L. 30.07 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. –	3 hr. Tend. STEADY mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RJM	

	0700	1300	1900
Clds.	Clds. Ci 8/10 ac st	Clds.	Clds. 10/10 Sc
Wx	Wx cool	Wx	Wx Nice
Vis.	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 51$

HDD = 14

CDD = 0

Σ HDD = 229

Σ CDD = 0

Σ PCN$_1$ = 0.47"

Σ PCN$_5$ = T

$T_{Oavis} = 48/35$

$T_{unv} = 37/28$

$T_m = 40$

$T_D = 30$

Sunday, November 10, 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 63 °F	Dir. —	Temp 76 °F	★OVNT LOW 53°
Min. ★41 °F	Vel. 0 m.p.h.	Read. 28.00 in.	
Set 55 °F	Char. Calm	Corr. 28.47 in.	
R.H. 83 %	24 hr. Mov. M mi.	Sea L. 29.80 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. \-1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	

	0700	1300	1900
Clds.	Clds. 8/10 Ci, Ac, St	Clds.	Clds. 7/10 Sc
Wx	Wx Hz	Wx	Wx Hz
Vis.	Vis. 20 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 52
HDD: 13
CDD: 0
ΣHDD: 242
ΣCDD: 0
ΣPCN_L: 0.47
ΣPCN_S: T

T_{DAVIS}: 56/50
T_{UNV}: 55/44

T_W: 52
T_D: 50

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

Monday, November 11, 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 65° °F	Dir. WSW	Temp 77 °F	*Overnight Low 59° Record High/Low Temp 55°		
Min. 55 *Δ °F	Vel. 4 m.p.h.	Read. 28.55 in.	+RA 250 - 305 LT -RA 305 - 320 LT -RA 425 - 520 LT		Δ Rec. MAX MIN OLD-51, 1935
Set 60 °F	Char. Gusty	Corr. 28.41 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. —— mi.	Sea L. 29.72 in.	Clds. 10/10 AC	Clds. 5/10 AC	Clds. 3/10 OC
Ppn. Liq. 0.30 in.	Prev. Dir. ——	3 hr. Tend. +1.1 mb	Wx Cool	Wx Lt. Wind	Wx -Hz
Ppn. Sol. 0.00 in.	Snow Depth 0.00 in.	Observer KRV	Vis. 20 mi.	Vis. 20 mi.	Vis. 10 mi.

$\bar{T}$: 60
HDD: 5
CDD: 0
ΣHDD: 247
ΣCDD: 0
ΣPCN_L: 0.77
ΣPCN_S: T

T_{Davis}: 60/57
T_{DNV}: 57/55

T_W: 57
T_D: 55

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

Tuesday November 12, 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. NW	Temp 76 °F	-RA 1015 - 1030 LT		
Min. 45 °F	Vel. 2 m.p.h.	Read. 28.98 in.			
Set 45 °F	Char. Steady	Corr. 28.85 in.	0700	1300	1900
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. 10/10 St	Clds. 10/10 NS	Clds. 9/10 Cu
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +10.2 mb	Wx Fg	Wx Ra	Wx +Fg
Ppn. Sol. 0.00 in.	Snow Depth 0.00 in.	Observer KRV	Vis. 3 mi.	Vis. 1.5 mi.	Vis. 2 mi.

$\bar{T} = 54$

$HDD = 11$

$CDD = 0$

$\Sigma HDD = 258$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.77$

$\Sigma PCN_S = T$

$T_{Davis} = 46/45$

$T_{UNV} = 43/39$

$T_w = 42$

$T_d = 39$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Wednesday, November 13, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 51 °F	Dir. NW	Temp 75 °F	-RA, occ RA, 800 - 1745 -RA 545 - 600
Min. 41 °F	Vel. 9 m.p.h.	Read. 28.91 in.	
Set 42 °F	Char. STEADY	Corr. 28.78 in.	
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	
Ppn. Liq. 0.33 in.	Prev. Dir. —	3 hr. Tend. N +1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAK	

	0700	1300	1900
Clds.	10/10 St	10/10 St	3/10 AC
Wx	-RA	COOL	COOL
Vis.	20 mi.	15 mi.	20 mi.

$\bar{T} = 46$

$HOD = 19$

$COD = 0$

$\Sigma HOD = 277$

$\Sigma COD = 0$

$EPCN_L = 1.10"$

$EPCN_S = T$

$T_{davis} = 41/38$

$T_{UNV} = 41/33$

$T_w = 39°$

$T_d = 35°$

$PCN_{TG} = 0.00"$

$\Sigma PCN_{TG} = 0.00"$

Thursday, November 14, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. SW	Temp 74 °F			
Min. 39 °F	Vel. 2 m.p.h.	Read. 28.87 in.			
Set 42 °F	Char. STEADY	Corr. 28.74 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 2/10 As	Clds. 4/10 As Ac	Clds. 5/10 As Ac
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx - Valley Fg	Wx Breezy	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAK	Vis. 15 mi.	Vis. 20 mi.	Vis. 18 mi.

$\bar{T} = 42$

$HDD = 23$

$CDD = 0$

$\Sigma HDD = 300$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.10"$

$\Sigma PCN_S = T$

$\bar{T}_{davis} = 42/37$

$T_{UNV} = 39/33$

$T_w = 38°$

$T_d = 33°$

$PCN_B = 0.00"$

$\Sigma PCN_B = 0.00"$

Meteorological Observatory
Univeristy Park, PA

FRIDAY NOV 15 2002 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 59 °F	Dir. —	Temp 75 °F			
Min. 41 °F	Vel. 0 m.p.h.	Read. 28.78 in.			
Set 45 °F	Char. CALM	Corr. 28.65 in.	0700	1300	1900
R.H. 45 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. 6/10 Cs	Clds. 8/10 cs	Clds. 8/10 SC
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer K.M.M.	Vis. 20 mi.	Vis. 20 mi.	Vis. 15 mi.

$\bar{T} = 50$

HDD = 15

CDD = 0

ΣHDD = 315

ΣCDD = 0

$\Sigma PCN_L = 1.10$ "

ΣPCNTB = T

TDAVIS = 46/32

TUNV = 41/27

TW = [redacted] 37°

TD = 25°

PCNTB = 0.00 "

ΣPCNTB = 0.00 "

Meteorological Observatory
Univeristy Park, PA

Saturday November 16 2002 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 56 °F	Dir. NE	Temp 74 °F	-Ra 2140 - 0440 LT
Min. 38 °F	Vel. 10 m.p.h.	Read. 28.87 in.	
Set 38 °F	Char. Breezy.	Corr. 28.75 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	
Ppn. Liq. 0.26 in.	Prev. Dir. —	3 hr. Tend. -.05 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer RJM	

	0700	1300	1900
Clds.	Clds. 10 To St	Clds.	Clds. Ns 10/10
Wx	Wx Fg Breezy	Wx	Wx -RA
Vis.	Vis. 3 mi.	Vis. mi.	Vis. 3 mi.

$\bar{T} = 47$

HDD = 18

CDD = 0

$\Sigma HDD = 333$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.36"$

$\Sigma PCN_S = T$

$T_{Davis} = 39/38$

$T_{Univ} = 37/35$

$T_W = 38$

$T_D = 38$

$PCN_{TB} = 0.00"$

$\Sigma PCN_{TB} = 0.00"$

Sunday, November 17, 2002

Meteorological Observatory
Univeristy Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. —	Temp 74 °F	-Ra 1215LT- obs
Min. 36 °F	Vel. 0 m.p.h.	Read. 28.56 in.	
Set 36 °F	Char. Calm	Corr. 28.43 in.	
R.H. 100 %	24 hr. Mov. m mi.	Sea L. 29.81 in.	
Ppn. Liq. 0.90 in.	Prev. Dir. m	3 hr. Tend. \-1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	

	0700	1300	1900
Clds.	10/10 Ns	Clds.	Clds. 10/10 Ns
Wx	-Ra	Wx	Wx Ra
Vis.	5 mi.	Vis. mi.	Vis. 5 mi.

T: 39
HDD: 26
CDD: 0
ΣHDD: 359
ΣCDD: 0
ΣP(NL): 2.26
ΣP(NS): T

T_DAVIS: 37/37
T_UNIV: 36/35

T_W: 36
T_D: 36

P(N_TB): 0.00
ΣP(N_TB): 0.00

Monday November 18, 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. W	Temp 74 °F	-RA 0800 - 1015 LT -RA 1507 - 2014 LT -FZRA 2015 - 2110 LT -SN 0455 - 0545 LT
Min. 33 °F	Vel. 20 m.p.h.	Read. 28.84 in.	
Set 33 °F	Char. Gusty	Corr. 28.71 in.	
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	
Ppn. Liq. 0.15 in.	Prev. Dir. —	3 hr. Tend. +/4.8 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer KRV	

	0700	1300	1900
Clds.	10/10 Ac	1/10 Cu	1/10 Ci
Wx	Windy	Windy/ Cool	Cool
Vis.	15 mi.	25 mi.	10 mi.

$\bar{T}$: 38
HDD : 27
CDD : 0
ΣHDD : 386
ΣCDD : 0
ΣPCN_L : 2.41
ΣPCN_S : T

T_{Davis} : 33 / 25
T_{UNV} : 34 / 23

T_W : —
T_D : 25

PCN_{TB} : 0.00
ΣPCN_{TB} : 0.00

Tuesday November 19, 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. S	Temp 74 °F	-SHSN OBS - 0800 LT		
Min. 31 °F	Vel. 2 m.p.h.	Read. 29.06 in.			
Set 35 °F	Char. Light	Corr. 28.93 in.	0700	1300	1900
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. 8/10 Cs	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -10.8 mb	Wx HZ	Wx -SN PL	Wx -DZ +FG
Ppn. Sol. T in.	Snow Depth 0 . in.	Observer KRV	Vis. 10 mi.	Vis. 7 mi.	Vis. 2 mi.

$\bar{T}$: 35
HDD: 30
CDD: 0
ΣHDD: 416
ΣCDD: 0
ΣPCN_L: 2.41
ΣPCN_S: T

T_{DAVIS}: 35/27
T_{UNV}: 30/26

T_W: —
T_D: 27

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

Meteorological Observatory
Univeristy Park, PA

Wednesday, November 20, 2002 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 39 °F	Dir. WSW	Temp 73 °F	-SN, occa PL, 1150-1300 -RA, occ -SN, 1300-1500 -DZ 1500-1800, occl.
Min. 33 °F	Vel. 3 m.p.h.	Read. 29.04 in.	
Set 33 °F	Char. STEADY	Corr. 28.91 in.	
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. ↗ +0.5 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer RAK	

0700	1300	1900
Clds. 1/10 Acu	Clds. Ci 1/10	Clds. Ci 1/10
Wx -Valley Fg	Wx Nice	Wx Cool
Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$T = 36^\circ$

$ADD = 29$

$CDD = 0$

$\Sigma HDD = 445$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.45''$

$\Sigma PCN_S = T$

$T_{dams} = 36/32$

$T_{unv} = 36/28$

$T_W = —$

$T_D = 29^\circ$

$PCN_{TB} : 0.00''$

$\Sigma P\ldots_{TB} = 0.00''$

Thursday, November 21, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 55 °F	Dir. SW	Temp 74 °F	* Overnight low 42°
Min. 33* °F	Vel. 1 m.p.h.	Read. 28.81 in.	
Set 43 °F	Char. STEADY	Corr. 28.68 in.	
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↓ − 1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAH	

	0700	1300	1900
Clds.	6/10 As	10 NS	10/10 St
Wx	-Fg (Valley)	-Dz	-Fg
Vis.	20 mi.	15 mi.	6 mi.

$\bar{T} = 44°$

$HDD = 2.1$

$CDD = 0$

$\Sigma HDD = 466$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.45"$

$\Sigma PCN_S = T$

$T_{davis} = 43/38$

$T_{WWV} = 37/32$

$T_w = 38°$

$T_d = 31°$

$PCN_{TD} = 0.00"$

$\Sigma PCN_{TD} = 0.00"$

Meteorological Observatory
Univeristy Park, PA

FRIDAY NOV 22 2002 — 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 47 °F	Dir. SW	Temp 75 °F	DZ, -RA 0930 - 1330 LT -RA 0600 - 0855 TIME
Min. 42 °F	Vel. 3 m.p.h.	Read. 28.33 in.	
Set 45 °F	Char. STEADY	Corr. 28.20 in.	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.54 in.	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. ↘ - 2 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer M.M.	

	0700	1300	1900
Clds.	10/10 NS	9/10 CU	10/10 NS
Wx	-RAFG	cool	-RA -FG
Vis.	5 mi.	20 mi.	3 mi.

$\bar{T}$ = 45°

HDD = 20

CDD = 0

ΣHDD = 486

ΣCDD = 0

ΣPCNL = 2.49 "

ΣPCNS = T

TPAVG = 44/43

TMNV = 45/41

TW = 44

TD = 43

PCNTB = 0.00 "

ΣPCNTB = 0.00 "

Saturday November 23, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 45 °F	Dir. WNW	Temp 73 °F	-RA 0700 - 0900 LT -SN 2110 - 0015 LT -SN 0400 - 0500 -SN 0545 - 0630 -SN 0650 - 0655
Min. 30 °F	Vel. 20 m.p.h.	Read. 28.65 in.	
Set 33 °F	Char. Gusty	Corr. 28.53 in.	

0700	1300	1900
Clds. 10/10 NS	Clds.	Clds. St 10/10
Wx windy, flurries	Wx	Wx Cool
Vis. 8 mi.	Vis. mi.	Vis. 20 mi.

R.H.	24 hr. Mov.	Sea L.	
85 %	— mi.	29.94 in.	
Ppn. Liq. 0.09 in.	Prev. Dir. —	3 hr. Tend. +/1.0 mb	
Ppn. Sol. T in.	Snow Depth T in.	Observer RJM	

$\bar{T} = 30$

HDD = 27

CDD = 0

$\Sigma HDD = 513$

$\Sigma CDD = 0$

$\Sigma PCN_7 = 2.58$"

$\Sigma PCN_S = T$

$T_{Davis} = 33/26$

$T_{unv} = 32/24$

$T_W = 32$

$T_D = 29$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Sunday, November 24, 2068 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 41 °F	Dir. –	Temp 72 °F	*OVNT LOW 39 -SN 0700LT - 0930LT
Min. ★ 32 °F	Vel. 0 m.p.h.	Read. 28.84 in.	
Set 39 °F	Char. Calm	Corr. 28.72 in.	
R.H. 67 %	24 hr. Mov. M mi.	Sea L. 30.10 in.	
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. / + 1 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer JEP	

0700	1300	1900
Clds. 4/10 AC	Clds.	Clds. 3/10 Ci
Wx valley fog	Wx	Wx Cool
Vis. 18 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$: 37
HDD: 28
CDD: 0
ΣHDD: 541
ΣCDD: 0
Σ PCN$_L$: 2.58
Σ PCN$_S$: T

T_{DAYS}: 39/30
T_{UNV}: 37/26

T_W: 35
T_D: 29

PCNTB: 0.00
ΣPCN$_{TB}$: 0.00

Monday November 25, 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 47 °F	Dir. —	Temp 72 °F			
Min. 32 °F	Vel. 0 m.p.h.	Read. 28.43 in.			
Set 32 °F	Char. Calm	Corr. 28.81 in.	0700	1300	1900
R.H. 88 %	24 hr. Mov. —— mi.	Sea L. 30.17 in.	Clds. 5/10 Ci	Clds. 10/10 St	Clds. St 10 esdc 10
Ppn. Liq. 0.00 in.	Prev. Dir. ——	3 hr. Tend. -10.5 mb	Wx -Fg	Wx H2	Wx cool
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer KRV	Vis. 5 mi.	Vis. 15 mi.	Vis. 8 mi.

$\bar{T}$: 40
HDD: 25
CDD: 0
ΣHDD: 566
ΣCDD: 0
ΣPCN_L: 2.58
ΣPCN_S: T

T_{dawis}: 33/30
T_{UNV}: 30/26

T_W: —
T_D: 30

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

Tuesday November 26, 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. —	Temp 73 °F	-DZ VC 1630 - 2200 LT
Min. 29 °F	Vel. 0 m.p.h.	Read. 29.12 in.	
Set 29 °F	Char. Calm	Corr. 28.995 in.	

	0700	1300	1900
R.H. 81 %	Clds. 5/10 Ci	Clds. 10/10 Ac,St	Clds. 10/10 NS
Ppn. Liq. T in.	Wx -Hz	Wx fog	Wx -SN
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer KRV	Vis. 10 mi.
24 hr. Mov. — mi.	Sea L. 30.43 in.	3 hr. Tend. +10.4 mb	Vis. 20 mi.
Prev. Dir. —			Vis. 1 mi.

F: 40
HDD: 25
CDD: 0
ΣHDD: 591
ΣCDD: 0
ΣPCN_L: 2.58
ΣPCN_S: T

T_{davis}: 29/24
T_{www}: 28/21

T_w: —
T_D: 24

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

WEDNESDAY NOV 27 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 38 °F	Dir. NW	Temp 73 °F	-SN 1645 - 0615 LT		
Min. 29 °F	Vel. 6 m.p.h.	Read. 28.93 in.			
Set 29 °F	Char. STEADY	Corr. 28.81 in.	0700	1300	1900
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. 10/10 Sc	Clds. 9/10 Sc	Clds. 8/10 Sc
Ppn. Liq. 0.28 in.	Prev. Dir. —	3 hr. Tend. / + 1 mb	Wx	Wx	Wx Cool
Ppn. Sol. 2.9 in.	Snow Depth 2.9 in.	Observer M.M.M.	Vis. 20 mi.	Vis. 15 mi.	Vis. 20 mi.

$\bar{T}$ = 34

HDD = 31

CDD = 0

ΣHDD = 622

ΣCDD = 0

ΣRNL = 2.87

ΣPCNS = 2.9"

TMMS = 28/28

TMNV = 30/25

TW = 27

TD = 26

PCND = 0.00"

ΣPCND = 0.00"

Thursday, November 28, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. —	Temp 45 °F	-SHSN 1030 - 1130 LT -SHSN 1215 - 1245 LT -SHSN 0615 - 0645 LT
Min. 18 °F	Vel. 0 m.p.h.	Read. 29.00 in.	
Set 20 °F	Char. Calm	Corr. 28.90 in.	

	0700	1300	1900
R.H. 85 %	Clds. Sc, Ac 6/10	Clds. 6/10 Sc Ac	Clds. 3/10 As
Ppn. Liq. T in.	Wx Cold	Wx	Wx Cold
Ppn. Sol. T in.	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

Snow Depth 2 in.

Observer JEP

3 hr. Tend. \-0.5 mb

Prev. Dir. M

24 hr. Mov. M mi.

Sea L. 30.35 in.

$\bar{T}$: 26
HDD: 39
CDD: 0
ΣHDD: 661
ΣCDD: 0
ΣPCN_L: 2.87
ΣPCN_S: 2.9

T_{DAVIS}: 20/16
T_{UNV}: 21/16

T_W: 18
T_D: 16

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

Friday, November 29, 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. SSW	Temp 72 °F	*Overnight low 25° -SN 000-130		
Min. 20* °F	Vel. 9 m.p.h.	Read. 28.61 in.			
Set 30 °F	Char. Gusty	Corr. 28.48 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. 10/10 As	Clds.	Clds. 10/10 Ac
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ↘-2 mb	Wx ccid	Wx	Wx -Hz
Ppn. Sol. T in.	Snow Depth 1 in.	Observer RAK	Vis. 20 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 26$

$HDD = 39$

$CDD = 0$

$\Sigma HDD = 700$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.87"$

$\Sigma PCN_S = 2.9"$

$T_{davis} = 30/23$

$T_{unv} = 28/19$

$T_w = -$

$T_d = 23°$

$PCN_{TD} = 0.00"$

$\Sigma PCN_{TD} = 0.00"$

Saturday November 30, 2002 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 47 °F	Dir. WSW	Temp 72 °F	*Overnight Low 41° -RA 22:45 - 23:05 LT
Min. 30* °F	Vel. 5 m.p.h.	Read. 28.27 in.	
Set 44 °F	Char. Gusty	Corr. 28.145 in.	
R.H. 65 %	24 hr. Mov. ——— mi.	Sea L. 29.49 in.	
Ppn. Liq. T in.	Prev. Dir. ———	3 hr. Tend. -\0.5 mb	
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer KRV	

	0700	1300	1900
Clds.	3/10 Ci Cu	Clds.	10/10 Sc
Wx	Breezy	Wx	Wx
Vis.	15 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 39

HDD: 26

CDD: 0

ΣHDD: 726

ΣCDD: 0

ΣPCN_L: 2.87

ΣPCN_S: 2.90

T_{davis}: 43/32

T_{UNIV}: 41/28

T_w: 38

T_D: 33

NOV. TEMPS

$\bar{T}_{MAX} = 47.0$

$\bar{T}_{MIN} = 34.1$

$\bar{T}_{NOV} = 40.6$

PCN_{TB}: 0.00"

ΣPCN_{TB}: 0.00"