Meteorological Observatory
Univeristy Park, PA

TUESDAY, APRIL 1 2003 — 0700 EST

Temp.	Wind	Barom.
Max. 34 °F	Dir. E	Temp 75 °F
Min. * 23 °F	Vel. 3 m.p.h.	Read. 28.81 in.
Set 28 °F	Char. STEADY	Corr. 28.68 in.
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.10 in.
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. \ -2 mb
Ppn. Sol. 0.3 in.	Snow Depth T in.	Observer M.M.M.

General Obs.

* OVNT LOW 27
-SHSN 1300 - 1330 LT
+SHSN 1530 - 1605 LT (VIS ≤ ½)
.3" ACCUMULATION
OTH OCCNL FLURRIES 1200 - 1900 LT

0700	1300	1900
Clds. CS, 10/10 AS	Clds. 10/10 NS,SF	Clds. 10/10 NS
Wx	Wx FOG, DZ, damp	Wx -RA
Vis. 25 mi.	Vis. 8 mi.	Vis. 10 mi.

HDD = 36

CDD = 0

ΣHDD = 36

ΣCDD = 0

ΣPCNL = 0.01"

ΣPCNS = 0.3"

TDAVIS = 29/21

TUNV = 30/21

T_W = —

T_D = 21

PCNTR = 0.00

ΣPCNTR = 0.00

WEDNESDAY 2 APRIL 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 55 °F	Dir. —	Temp 76 °F	*Overnight low 39° +Ties record for most solid (1961) -SHSN 0710-0745 SHSN 0745-0830 occL +RW -SHSN 0830-0920 -PL 1230-1240 -RA 1845-1915 -SHRA ~2200
Min. 28* °F	Vel. 0 m.p.h.	Read. 28.82 in.	
Set 39 °F	Char. Calm	Corr. 28.68 in.	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. ↑ +2 mb	
Ppn. Sol. 1.0+ in.	Snow Depth 0 in.	Observer PAK	

0700	1300	1900
Clds. 5/10 Ci	Clds. 1/10 Ci	Clds. 1/10 Ci
Wx Fg	Wx Mild, Breezy	Wx Cool
Vis. 0.25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T} = 42°$

$HDD = 23$

$CDD = 0$

$\Sigma HDD = 59$

$\Sigma CDD = 0$

$\Sigma PCN_L = 0.08''$

$\Sigma PCN_S = 1.3''$

$\bar{T}_{davis} = 39/38$

$\bar{T}_{uw} = 34/32$

$T_w = —$

$T_J = 38°$

$PCN_{TB} = 0.00''$

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

Thursday April 3, 2003

Meteorological Observatory
Univeristy Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. SW	Temp 80 °F	* overnight + low 47°		
Min. 38* °F	Vel. 5 m.p.h.	Read. 28.83 in.			
Set 50 °F	Char. Gusty	Corr. 28.69 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. —— mi.	Sea L. 30.04 in.	Clds. 8/10 Ac	Clds. 8/10 Ac, Cu	Clds. 7/10 Ac, Sc
Ppn. Liq. 0.00 in.	Prev. Dir. ——	3 hr. Tend. 10.3 mb	Wx -Fg valley	Wx mild Breezy	Wx mild
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KRV	Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 57

HDD: 8

CDD: 0

ΣHDD: 67

ΣCDD: 0

ΣPCN_L: 0.08

ΣPCN_S: 1.3

T_{DAVIS}: 53/48

T_{UNV}: 46/42

T_W: 46

T_D: 43

PCN_{TB}: 0.00

ΣPCN_{TB}: 0.00

Friday April 4, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. NNE	Temp 78 °F			
Min. 45 °F	Vel. 4 m.p.h.	Read. 28.6 in.			
Set 45 °F	Char. Light	Corr. 28.53 in.	0700	1300	1900
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Clds. 9/10 St	Clds. 10/10 St	Clds. 10/10 Ns
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↓ +0.5 mb	Wx +Fg	Wx Hz	Wx -Ra
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RJM	Vis. 3 mi.	Vis. 5 mi.	Vis. 3 mi.

$\bar{T} = 61$

$T_{Davis} = 46/42$

$T_{unv} = 42/37$

$T_w = 44$

$T_o = 36$

$HDD = 4$

$CDD = 0$

$\Sigma HDD = 71$

$\Sigma CDD = 0$

$\Sigma PCN_l = 0.08$

$\Sigma PCN_s = 1.3$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Saturday, April 5, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 62 °F	Dir. ESE	Temp 73 °F	-Ra 1845-2015 LT
Min. 41 °F	Vel. 8 m.p.h.	Read. 28.63 in.	TSRA 2230-0015 LT
Set 42 °F	Char. Steady	Corr. 28.51 in.	-Ra 0015-0545 LT
R.H. 93 %	24 hr. Mov. M mi.	Sea L. 29.88 in.	-Ra 0615-0655
Ppn. Liq. 0.69 in.	Prev. Dir. M	3 hr. Tend. ↑-0.5mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	

	0700	1300	1900
Clds.	10/10 NS	Clds.	Clds. 8/10 SE
Wx	-Ra	Wx	Wx Windy
Vis.	8 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T}$: 52
HDD: 13
CDD: 0
ΣHDD: 84
ΣCDD: 6
ΣPCN_L: 0.77
ΣPCN_S: 1.3

T_{DAVIS}: 41/40
T_{UNV}: 39/37

T_N: 41
T_D: 40

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

Meteorological Observatory
Univeristy Park, PA

Sunday Apr. 16, 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 58 °F	Dir. NW	Temp 67 °F	-RA 0700 - 0900 LT ccu RA -RA 1330 - 1400 LT -RA 2000 - 2045 LT
Min. 28 °F	Vel. 10 m.p.h.	Read. 29.10 in.	
Set 28 °F	Char. STEADY	Corr. 28.99 in.	
R.H. 67 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	
Ppn. Liq. 0.11 in.	Prev. Dir. —	3 hr. Tend. +/4.0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0. in.	Observer RJM	

	0700	1300	1900
Clds.	6/10 st cu	Clds.	Clds. 7/10 st cu
Wx	Breezy	Wx	Wx
Vis.	25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 43$

HDD = 22

CDD = 0

ΣHDD = 106

ΣCDD = 0

$\Sigma PCN_1 = 0.88$

$\Sigma PCN_5 = 1.3$

$T_{DAVIS} = 28/18$

$T_{UNIV} = 28/15$

$T_W = -$

$T_D = 18$

$\bar{P}CN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.00$

Monday April 7, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 44 °F	Dir. E	Temp 70 °F	-SN, PL 0340 - 0500 -SN 0500 - 065 *OVNT LOW 30
Min. * 28 °F	Vel. 10 m.p.h.	Read. 29.22 in.	
Set 30 °F	Char. Steady	Corr. 29.10 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.53 in.	
Ppn. Liq. 0.14 in.	Prev. Dir. —	3 hr. Tend. 10.8 mb	
Ppn. Sol. 1.40 in.	Snow Depth 1 in.	Observer KRV	

0700	1300	1900
Clds. 10/10 Ns	Clds. 10/10 NS	Clds. 10/10 NS
Wx -SN	Wx -SN	Wx -SN, PL
Vis. 3/4 mi.	Vis. 3 mi.	Vis. 3 mi.

T_{Davis}: 31/30

T_{UNV}: 28/27

T_W: —

T_D: 30

HDD: 29

CDD: 0

ΣHDD: 135

ΣCDD: 0

ΣPCN_L: 1.02

ΣPCN_S: 2.7

PCN_{TB}: 0.78

Meteorological Observatory
Univeristy Park, PA

TUESDAY APRIL 8 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 33 °F	Dir. —	Temp 71 °F	* OVNT LOW 30 -SN 0815 - 0830 LT SN 0830 - 1030 LT SN 1410 - 1420 LT OCCNL PL 1430 - 2000 LT OCCNLFZDZ 2000 - 0815 LT
Min. * 30 °F	Vel. 0 m.p.h.	Read. 29.11 in.	
Set 31 °F	Char. CALM	Corr. 29.99 in.	
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.42 in.	
Ppn. Liq. 0.50 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	
Ppn. Sol. 2.7 in.	Snow Depth 2 in.	Observer M.M.M.	

	0700	1300	1900
Clds.	10/10 St	10/10 St	10/10 St
Wx		Wx COOL	Wx Cold
Vis.	16 mi.	15 mi.	15 mi.

$\bar{T}$ = 82

HDD = 33

CDD = 0

ΣHDD = 167

ΣCDD = 0

ΣPCNL = 1.52

ΣPCNS = 5.4

TDAVIS = 31/29

TMNV = 30/26

TM = —

TD = 29

PCNTB = 0.33

ΣPCNTB = 1.11

Wednesday, April 9, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. —	Temp 72 °F	*Overnight low 33° -DZ 0445–0745 LT		
Min. 31* °F	Vel. 0 m.p.h.	Read. 29.01 in.			
Set 33 °F	Char. Calm	Corr. 28.88 in.	0700	1300	1900
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.31 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. 10/10 St
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Fg	Wx Hz	Wx Hz
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer PAK	Vis. 1.5 mi.	Vis. 4 mi.	Vis. 5 mi.

$\bar{T} = 34°$

$T_{davis} = 34/33$

$T_w = -$

$HDD = 31$

$T_{WW} = 32/30$

$T_d = 32°$

$CDD = 0$

$\Sigma HDD = 199$

$\Sigma CDD = 0$

$\Sigma PCN_L = 1.52"$

$\Sigma PCN_S = 5.4"$

$PCN_{TB} = 0.00"$

$\Sigma PCN_{TB} = 1.11"$

Thursday April 10, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. —	Temp 72 °F	OCCNL -DZ 0830 - 1200 LT
Min. 32 °F	Vel. 0 m.p.h.	Read. 29.02 in.	
Set 35 °F	Char. Calm	Corr. 28.90 in.	

	0700	1300	1900
R.H. 95 %	Clds. 10/10 St	Clds. 6/10 Ac, Ci	Clds. 8/10 Ac, Ci
Ppn. Liq. T in.	Wx HZ	Wx Breezy	Wx Mild
Ppn. Sol. 0.0 in.	Vis. 4 mi.	Vis. 25 mi.	Vis. 25 mi.

Snow Depth T in.

24 hr. Mov. — mi.

Prev. Dir. —

Sea L. 30.31 in.

3 hr. Tend. 10.7 mb

Observer KRV

T: 36

HDD: 29

CDD: 0

ΣHDD: 228

ΣCDD: 0

ΣPCN_L: 1.52

ΣPCN_S: 5.4

T_{Davis}: 36/34

T_{UNV}: 34/32

T_W: —

T_O: 34

PCN_{TB}: 0.00

ΣPCN_{TB}: 1.11

Meteorological Observatory
Univeristy Park, PA

Friday April 11, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 56 °F	Dir. —	Temp 73 °F	MOUNT Low 37 -RN 0230 -obs occl RN/+RN
Min. 35* °F	Vel. 0 m.p.h.	Read. 28.76 in.	
Set 37 °F	Char. Calm	Corr. 28.64 in.	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	
Ppn. Liq. 0.27 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RJM	

	0700	1300	1900
Clds.	Clds. 10/10 Ns	Clds. 10/10 Ns	Clds. 10/10 Ns
Wx	Wx -RN	Wx -DZ	Wx -RA
Vis.	Vis. 4 mi.	Vis. 5 mi.	Vis. 5 mi.

$\bar{T} = 46$

HDD = 19

CDD = 0

ε HDD = ~~349~~

ε CDD = 0

$\varepsilon PCN_I = 1.79$ ~

$\varepsilon PCN_S = 5.4$

$T_{Davis} = 37/35$

$T_{Univ} = 35/32$

$T_W = 37$

$T_D = 37$

$PCN_{TB} = 0.00$

$\varepsilon PCN_{TB} = 1.11$

Meteorological Observatory
Univeristy Park, PA

Saturday, April 12, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 45 °F	Dir. N	Temp 74 °F	-Ra 0800 - 1000 LT -Ra 1045 - 2100 LT OCC NL -Dz 2100 - 2200 LT ★ OVNT LOW 40
Min. 37★ °F	Vel. 3 m.p.h.	Read. 28.59 in.	
Set 41 °F	Char. Light	Corr. 28.46 in.	
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 29.83 in.	
Ppn. Liq. 0.25 in.	Prev. Dir. M	3 hr. Tend. ↓1.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	

0700	1300	1900
Clds. 2/10 Ci, Sc	Clds.	Clds. 2/10 Ci
Wx Nice!	Wx	Wx Mild
Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T: 41

HDD: 24

CDD: 0

ΣHDD: 271

ΣCDD: 0

ΣPCN$_L$: 2.04

ΣPCN$_S$: 5.4

T_{DAVIS}: 44/31

T_{UNV}: 41/23

T_W: 39

T_D: 36

PCN$_{TB}$: 0.00

ΣPCN$_{TB}$: 1.11

Meteorological Observatory
Univeristy Park, PA

Sunday, April 13, 2003 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. ENE	Temp 73 °F			
Min. 39 °F	Vel. 4 m.p.h.	Read. 28.97 in.			
Set 39 °F	Char. Steady	Corr. 28.85 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. M mi.	Sea L. 30.24 in.	Clds. Clear	Clds.	Clds. Clear
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. +2.5 mb	Wx Crisp	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T : 33

HDD : 12

CDD : 0

ΣHDD : 283

ΣCDD : 0

ΣP(N$_L$) : 2.04

ΣP(Ns) : 5.4

T_{DAVIS} : 42/32

T_{UNV} : 37/28

T_W : 37

T_D : 34

P(N$_{TB}$) : 0.00

ΣP(N$_{TB}$) : 1.11

Monday April 14, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. —	Temp 74 °F			
Min. 36 °F	Vel. 0 m.p.h.	Read. 29.20 in.			
Set 39 °F	Char. Calm	Corr. 29.07 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	Clds. Clear	Clds. Clear	Clds. Clear
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 10.9 mb	Wx Cool	Wx Mild	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KRV	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\overline{T}$: 49

HDD: 16

CDD: 0

ΣHDD: 299

ΣCDD: 0

ΣPCN_L: 2.04

ΣPCN_S: 5.4

$\overline{T}_{Davis}$: 42/28

T_{UNV}: 36/24

T_W: 35

T_D: 30

PCN_{TB}: 0.00

ΣPCN_{TB}: 1.11

TUESDAY APRIL 15 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. South West	Temp 80 °F	*OVERNIGHT LOW 52		
Min. 39 °F	Vel. 4 m.p.h.	Read. 28.99 in.			
Set 52 * °F	Char. STEADY	Corr. 28.85 in.	0700	1300	1900
R.H. 54 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. 1/10 Ci	Clds. Clear	Clds. Clear
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx	Wx Balmy	Wx Warm
Ppn. Sol. 0.00 in.	Snow Depth 0.0 in.	Observer M.M.M.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ = 56

HDD = 8

CDD = 0

ΣHDD = 308

ΣCDD = 0

ΣPCNL = 204

ΣPCNS = 5.4

TDAVIS = 53/43

TUNV = 52/39

TW = 44

TD = 36

PCNTB = 0.00

ΣPCNTB = 1.11

Wednesday, April 16, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. —	Temp 74 °F	*Overnight low 65°
Min. 52* °F	Vel. 0 m.p.h.	Read. 28.78 in.	
Set 67 °F	Char. Calm	Corr. 28.65 in.	
R.H. 49 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAK	

0700	1300	1900
Clds. 4/10 Ci	Clds. 8/10 Ci, Cu	Clds. 8/10 Cu
Wx -Hz	Wx Mild	Wx Cool
Vis. 15 mi.	Vis. 25 mi.	Vis. 15 mi.

$\bar{T} = 67$

$HDD = 0$

$CDD = 2$

$\Sigma HDD = 308$

$\Sigma CDD = 2$

$\Sigma PCN_L = 2.04"$

$\Sigma PCN_S = 5.4"$

$T_{davis} = 68/46$

$T_{uvr} = 66/39$

$T_w = 56°$

$T_d = 47°$

$PCN_{TB} = 0.00"$

$\Sigma PCN_{TD} = 1.11"$

Thursday April 17, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. NE	Temp 72 °F	-RA 2015 - 2030 LT -RA 2300 - 2330 LT -SHRA 430 - 500 LT
Min. 37 °F	Vel. 10 m.p.h.	Read. 29.02 in.	
Set 37 °F	Char. Gusty	Corr. 28.90 in.	

	0700	1300	1900
R.H. 68 %	Clds. 10/10 St	Clds. 10/10 St	Clds. 9/10 St
Ppn. Liq. T in.	Wx Cool	Wx Chilly	Wx Cool
Ppn. Sol. 0 in.	Vis. 15 mi.	Vis. 20 mi.	Vis. 15 mi.

24 hr. Mov. — mi.

Prev. Dir. —

3 hr. Tend. ↓1.8 mb

Snow Depth 0 in.

Observer KRV

$\bar{T}$: 59

HDD: 6

CDD: 0

ΣHDD: 314

ΣCDD: 2

ΣPCN_L: 2.04

ΣPCN_S: 5.4

T_{Davis}: 38/28

T_{UNV}: 36/24

T_w: —

T_D: 28

PCN_{TB}: 0.00

ΣPCN_{TB}:

Friday April 18, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 47 °F	Dir. E	Temp 70 °F	-SHRA 10:00 - 16:45 LT
Min. 35 °F	Vel. 4 m.p.h.	Read. 29.12 in.	
Set 35 °F	Char. Light	Corr. 28.97 in.	

	0700	1300	1900
	Clds. 10/10 St	Clds. 10/10 St	Clds. 10/10 NS
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.40 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -/+1.2 mb	Wx -Fg valley
	Wx	Wx HZ	Wx -DZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RSM	
	Vis. 15 mi.	Vis. 5 mi.	Vis. 5 mi.

$\bar{T} = 41$

$HDD = 24$

$CDD = 0$

$\Sigma HDD = 338$

$\Sigma CDD = 2$

$\Sigma PCN_2 = 2.04"$

$\Sigma PCN_5 = 5.4"$

$T_{Davis} = 35/30$

$T_{unv} = 32/26$

$T_w = \_\_$

$T_b = 30$

$PCN_{TB} = 0.00"$

$\Sigma PCN_{TB} = 1.11"$

Saturday, April 19, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 44 °F	Dir. ———	Temp 72 °F	★OVNT LOW 39.
Min. ★ 35 °F	Vel. 0 m.p.h.	Read. 29.22 in.	-Ra 1530 – 1800 LT (OCCNL) -Dz 1800 – 2030 LT -Ra 2230 – 0400 LT (OCCNL)
Set 44 °F	Char. Calm	Corr. 29.10 in.	
R.H. 89 %	24 hr. Mov. M mi.	Sea L. 30.49 in.	
Ppn. Liq. 0.02 in.	Prev. Dir. M	3 hr. Tend. +0.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JEP	

	0700	1300	1900
Clds.	10/10 St	Clds.	Clds. 5/10 cu ci
Wx	HZ	Wx	Wx -HZ
Vis.	4 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$: 40
HDD: 25
CDD: 0
ΣHDD: 363
ΣCDD: 2
ΣPCN_L: 2.06
ΣPCN_S: 5.4

T_{DAVIS}: 43/42
T_{UNV}: 43/39

T_W: 43
T_D: 42

PCN_{TB}: 0.00
ΣPCN_{TB}: 1.11

Meteorological Observatory
Univeristy Park, PA

Sunday April 20, 2003 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. ● —	Temp 72 °F			
Min. 44 °F	Vel. 0 m.p.h.	Read. 29.04 in.			
Set 47 °F	Char. calm	Corr. 28.92 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. 4/10 ac ci	Clds.	Clds. 4/10 ac ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. √ +0.5 mb	Wx Fg	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RJM	Vis. 8 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 53$

$HDD = 12$

$CDD = 0$

$\Sigma HDD = 375$

$\Sigma CDD = 2$

$\Sigma PCN_L = 2.06$

$\Sigma PCN_S = 5.4$

$T_{Davis} = 48/45$

$T_{unv} = 42/39$

$T_V = 47$

$T_D = 40$

$PCI_{TB} = 0.00$

$\Sigma PCN_{TB} = 1.11$

Monday April 21, 2003

Meteorological Observations
Univeristy Park, PA

Temp.	Wind	Barom.	0700 EST	General Obs.	
Max. 69 °F	Dir. 5	Temp 77 °F			
Min. 47 °F	Vel. 5 m.p.h.	Read. 28.80 in.			
Set 54 °F	Char. Gusty	Corr. 28.66 in.	0700	1300	1900
R.H. 66 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. St 9/10 Ac	Clds.	Clds. 7/10 Sc As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 71.8 mb	Wx -Hz	Wx	Wx -Hz
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KRV	Vis. 10 mi.	Vis. mi.	Vis. 8 mi.

HDD: 7

CDD: 0

ΣHDD: 382

ΣCDD: 2

ΣPCN_L: 2.06

ΣPCN_S: 5.4

T_{EQUIB}: 53/47

T_{UNV}: 54/43

T_W: 48

T_D: 43

PCN_{TB}: 0.00

ΣPCN_{TB}:

TUESDAY APRIL 22 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 59 °F	Dir. —	Temp 76 °F	DZ 0820 - 0950 LT -RA 0950 - 1145 LT -RA ONLRA : 2040 - 2200 OCCNL LIGHTNING 2100 - 2130
Min. 47 °F	Vel. 0 m.p.h.	Read. 28.51 in.	
Set 49 °F	Char. CALM	Corr. 28.88 in.	

0700	1300	1900
Clds. 10/10 St	Clds. 10/10 St	Clds. 10/10 St
Wx -HZ	Wx Cool	Wx Cool
Vis. 10 mi.	Vis. 20 mi.	Vis. 15 mi.

R.H. 95 %	24 hr. Mov. — mi.	Sea L. 29.75 in.	
Ppn. Liq. 0.24 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer R.M.M.	

T = 53
HDD = 12
CDD = 0

TDAVIS = 50/46
TMNV = 46/43

TW = 46
TD = 46

ΣHDD = 393

ΣCDD = 2

ΣPCPNL = 2.30

ΣPCPNS = 5.4

PCNTB = 0.00
ΣPCNTB = [redacted]

[redacted]

Wednesday, April 23, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 52 °F	Dir. WNW	Temp 73 °F	-RA 930 - 1030 DZ 1245 - 1390 DZ 445 - 530
Min. 36 °F	Vel. 5 m.p.h.	Read. 28.78 in.	
Set 36 °F	Char. Gusty	Corr. 28.65 in.	
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. -/+2 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAK	

	0700	1300	1900
Clds.	9/10 Ac	3/10 Cu, Ac, Ci	Clear
Wx	Windy	Breezy	Cool
Vis.	25 mi.	25 mi.	25 mi.

$\bar{T} = 44$

$HDD = 21$

$CDD = 0$

$\Sigma HDD = 415$

$\Sigma CDD = 2$

$\Sigma PCN_L = 2.32"$

$\Sigma PCN_S = 5.4"$

$T_{davis} = 36/27$

$T_{www} = 36/23$

$T_w = -$

$T_d = 27°$

$PCN_{TB} = 0.00"$

$\Sigma PCN_{TB} = 1.11"$

Thursday April 24, 2003
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 53 °F	Dir. NW	Temp 72 °F			
Min. 34 °F	Vel. 12 m.p.h.	Read. 28.91 in.			
Set 36 °F	Char. Gusty	Corr. 28.79 in.	0700	1300	1900
R.H. 59 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. Clear	Clds. 1/10 Ci	Clds. 4/10 Ci,Ac
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 10.9 mb	Wx Breezy	Wx Breezy	Wx mild
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KRV	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 44

HDD : 21

CDD : 0

ΣHDD : 436

ΣCDD : 2

ΣPCN_L : 2.32

ΣPCN_S : 5.4

T_{Davis} : 36/23

T_W : 34/21

T_W : —

T_D : 23

PCN_{TB} : 0.00

ΣPCN_{TB} : 1.11

Friday Apr. 25, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. ENE	Temp 74 °F	* OVNT Low 43		
Min. 36* °F	Vel. 4 m.p.h.	Read. 28.71 in.			
Set 43 °F	Char. Light	Corr. 28.41 in.	0700	1300	1900
R.H. 53 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	Clds. 3/10 Ci	Clds. 2/10 Ci, Ac	Clds. 8/10 Cs, Ci, Ac
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. STEADY mb	Wx Cool	Wx Nice	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RJM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 49$

HDD = 16

CDD = 0

ΣHDD = 452

ΣCDD = 2

$\Sigma PCN_2 = 2.32$

$\Sigma PCN_3 = 5.4$

$T_{Davis} = 44/28$

$T_{Univ} = 41/25$

$T_W = -$

$T_D = 28$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 1.11 =$

Saturday April 26, 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. NNE	Temp 79 °F	*OVNT Low 53 -RN 0000-0430LT -RN 0445-0530LT -RN 0545-0645LT -Dz 0745-obs		
Min. 43* °F	Vel. 2 m.p.h.	Read. 28.53 in.			
Set 53 °F	Char. Light	Corr. 29.39 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. - mi.	Sea L. 29.72 in.	Clds. 10/10 NS	Clds.	Clds. 10/10 St
Ppn. Liq. 0.05 in.	Prev. Dir. -	3 hr. Tend. √+0.5 mb	Wx -Dz	Wx	Wx Cool
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RJM	Vis. 4 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 57$

$HDD = 8$

$CDD = 0$

$\Sigma HDD = 460$

$\Sigma CDD = 2$

$\Sigma PCN_Q = 2.37''$

$\Sigma PCN_S = 5.4$

$T_{Davis} = 52/52$

$T_{unv} = 50/48$

$T_W = 52$

$T_D = 50$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 1.11$

Sunday April 27, 2003 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 54 °F	Dir. —	Temp 75 °F	-DZ 0820 - 0805 -RN 0805 - 0150 LT occl RN
Min. 43 °F	Vel. 0 m.p.h.	Read. 28.78 in.	
Set 45 °F	Char. Calm	Corr. 28.66 in.	
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	
Ppn. Liq. 0.12 in.	Prev. Dir. —	3 hr. Tend. /+1.8 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RSM	

	0700	1300	1900
Clds.	9/10	Clds.	Clds. 0/10
Wx	Fg valley	Wx	Wx
Vis.	25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 51$

$HDD = 14$

$CDD = 0$

$\Sigma HDD = 474$

$\Sigma CDD = 2$

$\Sigma PCN_L = 2.49$

$\Sigma PCN_S = 5.4$

$T_{Davis} = 46/37$

$T_{univ} =$

$T_w = 41$

$T_D = 33$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.11$

Monday April 28, 2003

Meteorological Observatory
Univeristy Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 76 °F			
Min. 45 °F	Vel. 0 m.p.h.	Read. 28.92 in.			
Set 49 °F	Char. Calm	Corr. 28.79 in.	0700	1300	1900
R.H. 49 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. Clear	Clds. 1/10 Ci	Clds. 1/10 AS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.9 mb	Wx Bright	Wx Mild	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KRV	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$T: 38$

$HDD: 7$

$CDD: 0$

$\Sigma HDD: 481$

$\Sigma CDD: 2$

$\Sigma PCN_L: 2.49$

$\Sigma PCN_S: 5.40$

$T_{Davis}: 52/35$

$T_{Tuv}: 46/34$

$T_W: 41$

$T_O: 31$

$PCN_{TB}: 0.00$

$\Sigma PCN_{TB}: 1.11$

TUESDAY APRIL 29 2003 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 80 °F	Dir. WEST	Temp 76 °F	F OVNT LOW 55 -RA 0650 LT - OBS LT
Min. 49 * °F	Vel. 6 m.p.h.	Read. 28.75 in.	
Set 55 °F	Char. STEADY	Corr. 28.62 in.	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. 1+2 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer Y.M.M.	

0700	1300	1900
Clds. 10/10 NS	Clds. Clear	Clds. 3/10 Ci
Wx -RA	Wx Warming	Wx Warm
Vis. 5 mi.	Vis. 20 mi.	Vis. 25 mi.

$\bar{T} = 65$

HDD = 0

CDD = 0

ΣHDD = 481

ΣCDD = 2

ΣPCNL = 2.53

ΣPCNS = 5.40

TDAVIS = 54/49

TMNV = 55/46

TW = 53

TD = 52

Wednesday, April 30, 2003

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp 77 °F	-RA OBS - 1100		
Min. 48 °F	Vel. 0 m.p.h.	Read. 29.00 in.			
Set 49 °F	Char. Calm	Corr. 28.86 in.			
			0700	1300	1900
R.H. 46 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. 5/10 As	Clds. 9/10 As, Cu	Clds. 9/10 Ac, Ci
Ppn. Liq. 0.18 in.	Prev. Dir. —	3 hr. Tend. / +3 mb	Wx Valley Fg	Wx Breezy	Wx Cool
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAK	Vis. 20 mi.	Vis. 25 mi.	Vis. 15 mi.

$\bar{T} = 61°$

$HDD = 4$

$CDD = 0$

$\Sigma HDD = 485$

$\Sigma CDD = 2$

$\Sigma PCN_L = 2.71"$

$\Sigma PCN_S = 5.4"$

$T_{davis} = 49/37$

$T_{UNV} = 46/33$

$T_w = 40°$

$T_d = 29°$

APRIL 03 ~~Norms~~

$\bar{T}_{MAX} = 59.37$

$\bar{T}_{MIN} = 38.03$

$\bar{T}_{APR} = 48.70$