Sunday April 1, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. SE	Temp 74 °F	-RA 0032-0113		
Min. * 41 °F	Vel. 1 m.p.h.	Read. 29.84 in.			
Set 47 °F	Char. Light	Corr. 29.71 in.	*OVNT LOW 47		
			0700	1300	1900
R.H. 57 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. 9/10 St	Clds.	Clds. 8/10 St, As
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. — ±0 mb	Wx cloudy	Wx	Wx M. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T = 51
HDD = 14
CDD = 0
ΣHDD = 14
ΣCDD = 0
ΣPCN = T

T_{Davis} = 48/34
T_{UNV} = 46/32

Gauged = T
ΣGauged = T

Monday, 2 April, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 49 °F	Dir. SW	Temp 73.5 °F	0940-1120LT: RA/-RA 1130-1450LT: -RA/RA 1450-1630LT: RA/-RA 1630-1815LT: -DZ/-BR/-RA 2205-2350LT: TRA/-TRA 0155-0200LT: -TSHRA		
Min. 42 °F	Vel. 5 m.p.h.	Read. 28.75 in.			
Set 43 °F	Char. seasonable	Corr. 28.63 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. 10/10 ST	Clds.	Clds. 0/10
Ppn. Liq. 0.55 in.	Prev. Dir. —	3 hr. Tend. / +0.7mb	Wx Dense Fog	Wx	Wx Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 0.15 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 46°$

HDD = 19

ΣHDD = 33

$T_{DAVIS} = 43°/43°$

$T_{UNV} = 43°/43°$

$T_{KPSU} = 43°/M$

$T_W = 43.4°$

$T_D = 43.4°$

$\Sigma PCN_L = 0.55"$

$\Sigma PCN_S = 0.0"$

$PCN_{GZ} = 0.56"$

$\Sigma PCN_{GZ} = 0.56"$

Tuesday April 3, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. W	Temp 74 °F			
Min. *43 °F	Vel. 1 m.p.h.	Read. 28.96 in.	Overnight Low = 48°		
Set 49 °F	Char. light	Corr. 28.83 in.	0700	1300	1900
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 10/10 As Ac	Clds. 3/10 Ci	Clds. 3/10 St. Cu.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / +1.5 mb	Wx Overcast	Wx Sunny	Wx M. Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\overline{T} = 57$

$HDD = 8$

$\Sigma HDD = 41$

$T_{DAVIS} = 52/40$

$T_{UNV} = 46/39$

$T_W = 45$

$T_D = 37$

$\Sigma PCN_L = 0.55''$

$\Sigma PCN_S = 0.0''$

$PCN_{62} = 0.56''$

$\Sigma PCN_{62} = 0.56''$

Wednesday, 4 April, 2007 0700 EST Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. SSE	Temp 75.5 °F	0450-0530LT: TSH RA 0615-0750LT: OCNL TSH RA/-DZ/-BR		
Min. 44 °F	Vel. 5 m.p.h.	Read. 28.61 in.			
Set 44 °F	Char. active	Corr. 28.49 in.			
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	0700 Clds. 10/10 St	1300 Clds.	1900 Clds. 10 Ns 10
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. ^ -1.0 mb	Wx Cloudy, top of Tussey Mt. obscured by cld base	Wx	Wx Light Rain
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. ~12 mi.	Vis. mi.	Vis. 17 mi.

$\bar{T} = 61°$

HDD = 04

Σ HDD = 45

$T_{DAVIS} = 43°/42°$

$T_{UNV} = 43°/43°$

$T_{KPSU} =$

$T_w = 43°$

$T_b = 42°$

$\Sigma PCN_L = 0.58"$

$\Sigma PCN_S = 0.0"$

$PCN_{LTB} = 0.00"$

$PCN_{GZ} = 0.03"$

$\Sigma PCN_{GZ} = 0.59"$

Thursday April 5, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 55 °F	Dir. W	Temp 73 °F	-RA 0900 - 0838 -RA 0924 - 1208 -SN 1819 - 1933 -SN 2249 - 0124 -SN 0324 - 0449 -SN 0614 - 0638
Min. 27 °F	Vel. 16 m.p.h.	Read. 28.64 in.	
Set 27 °F	Char. Breezy	Corr. 28.51 in.	

	0700	1300	1900
R.H. 64 %	Clds. 7/10 A_L	Clds.	Clds. 10/10 N_S
Ppn. Liq. 0.02 in.	Wx Mostly cloudy	Wx	Wx Snow
Ppn. Sol. T in.	Vis. ~4 mi.	Vis. mi.	Vis. ~4 mi.
Snow Depth T in.			
24 hr. Mov. — mi.			
Sea L. 29.63 in.			
Prev. Dir. —			
3 hr. Tend. ~ ±0 mb			
Observer AK			

$\bar{T} = 41$

$HDD = 24$

$CDD = 0$

$\Sigma HDD = 69$

$\Sigma CDD = 0$

$\Sigma P(N_L) = 0.60''$

$\Sigma P(N_S) = T$

$T_{DAVIS} = 27/17$

$T_{UNV} = 28/18$

$Gauged = 0.02''$

$\Sigma Gauged = 0.61''$

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

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. W	Temp 73 °F	-SN 0901-0925 -SN occl SN 0943-1039 -SN 1208-1338 -SN 1419-1458 -SN 1601-1723 -SN 1759-1940 -SN 2156-0112		
Min. 26 °F	Vel. 15 m.p.h.	Read. 28.82 in.			
Set 27 °F	Char. Moderate	Corr. 28.68 in.	0700	1300	1900
R.H. 64 %	24 hr. Mov. — mi.	Sea L. 29.79 in.	Clds. 10 Sc / 10 A_c	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ~ ±0 mb	Wx Cloudy	Wx	Wx
Ppn. Sol. T in.	Snow Depth T in.	Observer NK	Vis. 25 mi.	Vis. mi.	Vis. mi.

T = 29
HDD = 36
CDD = 0
ΣHDD = 105
ΣCDD = 0
ΣPCN_L = 0.60"
ΣPCN_S = T

T_{OAVG} = 25/17
T_{UNV} = 27/16

Gauged = T
ΣGauged = 0.61"

Saturday April 07, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 35 °F	Dir. WSW	Temp 72 °F	-SHSN 0920 - 0940 LT -SH-SN 1440 - 1420 LT
Min. 22 °F	Vel. 4 m.p.h.	Read. 28.60 in.	
Set 23 °F	Char. Breezy	Corr. 28.48 in.	

	0700	1300	1900
R.H. 81 %	Clds. Ci 6/10 Cu	Clds.	Clds. Ci 7/10 Cu
Ppn. Liq. T in.	Wx HR. Cloudy	Wx	Wx M. Cloudy.
Ppn. Sol. T in.	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

24 hr. Mov.	Sea L.	3 hr. Tend.	Prev. Dir.	Snow Depth	Observer
— mi.	29.77 in.	-0.1 mb	—	0 in.	CJP

$\overline{T} = 29$

HDD = 36

CDD = 0

ΣHDD = ~~1441~~

ΣCDD = 0

$\Sigma PCN_2 = 0.60"$

$\Sigma PCN_3 = T$

TDAILIES = 23.5 / 18

TUNV = 21 / 18

$\overline{T}_W$ = N/A

$T_D = 18^*$

G2: T

ΣG2: 0.61"

Sunday April 8, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 33 °F	Dir. W	Temp 72 °F	1050-1115 LT: -SHSN 1230-1345 LT: -SHSN 1415-1500 LT: -SHSN 2225-2245 LT: -SHSN 2300-0350 LT: +SHSN * Overnight Low = 25°		
Min. *23 °F	Vel. 10 m.p.h.	Read. 28.82 in.			
Set 25 °F	Char. Windy.	Corr. 28.70 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 8/10 Cu	Clds.	Clds. 8/10 Sc
Ppn. Liq. 0.13 in.	Prev. Dir. —	3 hr. Tend. /+1.3 mb	Wx -SHSN	Wx	Wx Mostly cloudy
Ppn. Sol. 3.8 in.	Snow Depth 4 in.	Observer JMZ	Vis. 22 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 29$

$HDD = 36$

$\Sigma HDD = 198$

$\Sigma PCN_L = 0.73''$

$\Sigma PCN_S = 3.8''$

$T_{DAVIS} = 25/17$

$T_{UNV} = 25/19$

$T_W = -$

$T_D = 18$

Δ Historic snowfall from intense, localized band along a WNW-ESE axis. Courtesy of passing vortmax and lake-enhancement. 2300-0350LT.

$G_2: .17$

$\Sigma G_2: .78''$

Monday, 9 April, 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 36 °F	Dir. W	Temp 72 °F	OCNL -SH SN's: 930-1940LT, 2245-2310LT, 230-410LT, 530LT-085
Min. 25* °F	Vel. 3 m.p.h.	Read. 28.86 in.	Impressive melting of previous day's snowfall by April sun
Set 29 °F	Char. light	Corr. 28.74 in.	*Overnight low = 29°

	0700	1300	1900
R.H. 83 %	Clds. 10/10 Sc, St, Ns	Clds.	Clds. 10/10 Cu
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. √ +0.5 mb	Wx -- SH SN
Ppn. Sol. T in.	Snow Depth T in.	Observer AGM	Vis. ~20 mi.
			Vis. mi.
			Vis. 25 mi.

$\bar{T} = 31°$

HDD = 34

$\Sigma HDD = 212$

$T_{DAVIS} = 29°/24.5°$

$T_{UNV} = 30°/23°$

$T_{KPSU} = 28°/M$

$T_W = —$

$T_h = 24.5°$

$\Sigma PCN_L = 0.73"$

$\Sigma PCN_S = 3.8"$

$PCN_{62} = 0.05"$

$\Sigma PCN_{62} = 0.78"$

Tuesday April 10, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. WNW	Temp 72 °F	0900 - 0910 LT = -SHSN 1000 - 1015 LT -SHSN
Min. 26 °F	Vel. 3 m.p.h.	Read. 28.92 in.	
Set 28 °F	Char. Variable	Corr. 28.80 in.	

	0700	1300	1900
R.H. 85 %	Clds. 0/10	Clds. 10 Sc 10	Clds. 5/10 St.Cu 5/10 Ci Contrails
Ppn. Liq. T in.	Wx Sunny	Wx cloudy	Wx M. Clear
Ppn. Sol. T in.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Snow Depth 0 in.

Observer JMZ

24 hr. Mov. — mi.

Sea L. 30.22 in.

Prev. Dir. —

3 hr. Tend. ✓ +1.3 mb

$\bar{T} = 33$

$HDD = 32$

$\Sigma HDD = 244$

$T_{DAVis} = 29/24$

$T_{UNV} = 28/23$

$T_W =$ -

$T_D = 24$

$\Sigma PCN_L = 0.73''$

$\Sigma PCN_S = 3.8''$

PCN_{62} : T

ΣPCN_{62} : .78"

Wednesday 11, April 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 44 °F	Dir. NE	Temp 72 °F	1415 LT - 1430 LT -SHSN
Min. 28* °F	Vel. 2 m.p.h.	Read. 28.89 in.	
Set 30 °F	Char. Steady	Corr. 28.76 in.	*Overnight Low: 29

0700	1300	1900
Clds. Ci 3/10 CC	Clds.	Clds. Ns 10/10
Wx M. Sunny	Wx	Wx Light Rain
Vis. ~15 mi.	Vis. mi.	Vis. ~17 mi.

R.H.	24 hr. Mov.	Sea L.	3 hr. Tend.
85 %	— mi.	30.18 in.	-0.1 mb

Ppn. Liq.	Prev. Dir.
T in.	—

Ppn. Sol.	Snow Depth	Observer
T in.	0 in.	ADB

$\bar{T}$: 36

HDP: 29

ΣHDD: 273

CDD: 0

ΣCDD: 0

ΣPCN_L: 0.73"

ΣPCN_S: 3.8"

T_{DAVIS}: 31/25

T_{UNV}: 28/27

T_W: —

T_O: 26

PCN_{O2}: T

ΣPCN_{O2}: 0.78"

Thursday April 12, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. SE	Temp 73 °F	-RA 1834-1928 -RA OCCL RA 1709-0636 OCCL PL-SN 2330-0636
Min. 30 °F	Vel. 4 m.p.h.	Read. 28.75 in.	
Set 38 °F	Char. Light	Corr. 28.62 in.	8=OVRT LOW=35

	0700	1300	1900
R.H. 98 %	Clds. 10/10 St	Clds.	Clds. 10/10 Ns As
Ppn. Liq. 0.60 in.	Wx Cloudy	Wx	Wx Light Rain
Ppn. Sol. T in. / Snow Depth 0 in. / Observer NK	Vis. ~6 mi.	Vis. mi.	Vis. ~10 mi.
24 hr. Mov. — mi. / Prev. Dir. — / 3 hr. Tend. -2mb			

$\bar{T} = 40$
HDD = 25
CDD = 0
ΣHDD = 298
ΣCDD = 0
$\Sigma PCN_L = 1.33''$
$\Sigma PCN_S = 3.8''$

$T_{UWV} = 37/37$
$T_{Davis} = 39/37$

Gauged = 0.63"
Σ Gauged = 1.46"

Friday April 13, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 48 °F	Dir. W	Temp 72 °F	-RAOCC RA 1314-1526 -RA 1854-2133 -RA OCCL PL 0026-0429 -SHSN 0600-0700
Min. 37 °F	Vel. 6 m.p.h.	Read. 28.82 in.	
Set 38 °F	Char. Breezy	Corr. 28.60 in.	

	0700	1300	1900
R.H. 75 %	Clds. Ns As 10 CO	Clds. 10/10 ~~St~~ Sc	Clds. 5/10 Sc
Ppn. Liq. 0.14 in.	Wx Light Rain/Snow	Wx OVRCST	Wx M.Cloudy
Ppn. Sol. T in.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Snow Depth 0 in.

Observer NK

$\bar{T} = 43$

HDD = 22

CDD = [redacted]0

ΣHDD = [redacted]320

ΣCDD = 0

$\Sigma PCN_L = 1.47''$

$\Sigma PCN_S = 3.8''$

$T_{Davis} = 37/30$

$T_{UNV} = 37/30$

$6_{gauged} = 0.17''$

$\Sigma 6_{gauged} = 1.58''$

Saturday April 14, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 46 °F	Dir. SW	Temp 72 °F	-SHSN 0800 - 0900 UT		
Min. 31 °F	Vel. 2 m.p.h.	Read. 28.96 in.			
Set 35 °F	Char. light & variable	Corr. 28.94 in.			
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ~ ±0.0mb	Clds. 2/10 AS	Clds.	Clds.
Ppn. Sol. T in.	Snow Depth 0 in.	Observer CAP	Wx M.clear	Wx	Wx
			Vis. 25 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 39$

HDD = 26

CDD = 0

ΣHDD = 346

ΣCDD = 0

$\Sigma PCN_2 = 1.47''$

$\Sigma PCN_3 = 3.8''$

+DAVIS = 36/27

TUNV = 34/27

$T_W = 32$

$T_D = 27$

$G_{72} = 0.17''$

$\Sigma G_{72} = 1.58''$

Sunday, 15 April, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 51 °F	Dir. ESE	Temp 72.5 °F	-RAPL 1900-2030 -RA, OCCL RA 2030 - 0745LT
Min. 35* °F	Vel. 4 m.p.h.	Read. 28.41 in.	
Set 42 °F	Char. variable	Corr. 28.29 in.	*Overnight low = 41°
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.64 in.	
Ppn. Liq. 0.67 in.	Prev. Dir. —	3 hr. Tend. -1.9 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer AGM	

0700	1300	1900
Clds. 10/10 St, Ns	Clds.	Clds. 10/10 St
Wx Overcast	Wx	Wx Cloudy and breezy
Vis. 18 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 43°$

HDD = 22

$\Sigma HDD = 368$

$T_{DAVIS} = 42.5°/41°$

$T_{UNV} = 42°/41°$

$T_{KPSU} = 43°/M$

$T_W = 41.5°$

$T_D = 41°$

$\Sigma PCN_L = 2.14"$

$\Sigma PCN_S = 3.8"$

$PCN_{LTB} = 0.53"$

$PCN_{GZ} = 0.63"$

$\Sigma PCN_{GZ} = 2.21"$

Monday, 16 April, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 44 °F	Dir. NW	Temp 72.5 °F	0830-0910LT, -DZ 1010-1110LT: -DZ/-RA 1310-2230LT: -DZ/OCNL-RA 0310-0410LT: OCNL -DZ/-RA/-PL 0650-0BS: OCNL -SG/-PL (of Snow) Breezy after ~1300LT		
Min. 35 °F	Vel. 16G27m.p.h.	Read. 28.07 in.			
Set 37 °F	Char. breezy	Corr. 27.95 in.	0700	1300	1900
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 29.31 in.	Clds. 10/10 St, Ns	Clds.	Clds. 10/10 Ns
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. —/-0.1 mb	Wx --SG/PE, Blustery	Wx	Wx -dz
Ppn. Sol. T in.	Snow Depth 0 in.	Observer AGM	Vis. ~20 mi.	Vis. mi.	Vis. ~15 mi.

$\bar{T} = 40°$

HDD = 25

$\Sigma HDD = 393$

$T_{DAVIS} = 37°/30.5°$

$T_{UNV} = 37°/28°$

$T_{KPSU} = 37°/M$

$T_w = 34.5°$

$T_D = 31°$

$\Sigma PCN_L = 2.18"$

$\Sigma PCN_S = 3.8"$

$PCN_{LTB} = 0.04"$

$PCN_{62} = 0.04"$

$\Sigma PCN_{62} = 2.25"$

Tuesday April 17, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. NW	Temp 73 °F	0800-1115 LT: -SHSN 1125-1600 LT: OCCL -SHSN, OCCL -SHRA 1600-1800 LT: -SHRA 0545-0615: -SHRA
Min. 35* °F	Vel. 7 m.p.h.	Read. 28.52 in.	
Set 38 °F	Char. Variable	Corr. 28.39 in.	Overnight Low = 37°

	0700	1300	1900
	Clds. ST 10/10	Clds. ST 10/10	Clds. ST 10/10
	Wx M. Cloudy	Wx Light Drizzle	Wx Cloudy
	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.77 in.	
Ppn. Liq. 0.16 in.	Prev. Dir. —	3 hr. Tend. /+2.6 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer JMZ	

$\bar{T} = 38$ $T_{DAYIS} = 39/34$ $T_W = 37°$

$HOD = 27$ $T_{UNV} = 37/32$ $T_D = 33°$

$\Sigma HOD = 420$

$\Sigma PCN_L = 2.34"$

$\Sigma PCN_S = 3.8"$

$PCN_{62} = 0.19"$

$\Sigma PCN_{62} = 2.44"$

Wednesday, 18 April 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	-SHRA ~~BSC~~ General Obs.
Max. 46 °F	Dir. N. E	Temp 73 °F	DZ 1542 LT - 1602 LT
Min. 38 * °F	Vel. 6 m.p.h.	Read. 28.67 in.	DZ 2342 LT - 0003 LT
Set 40 °F	Char. Steady	Corr. 28.54 in.	-RA 0122 LT - 0208 LT
			DZ 0742 LT - Obs
			* Overnight Low: 39

	0700	1300	1900
	Clds. Ns 10/10 St	Clds.	Clds. As 10/10 St
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 29.81 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1.6 mb	Wx Drizzle Overcast	Wx	Wx Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 42

HDD: 23

ΣHDD: 443

CDD: 0

ΣCDD: 0

ΣPCN_L: 2.34"

ΣPCN_S: 3.8"

T_{DAVIS}: 40/35

T_{UNIV}: 39/34

T_W: 37

T_D: 33

PCN_{02}: T

ΣPCN_{02}: 2.44"

Thursday April 19, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 51 °F	Dir. NE	Temp 73 °F	-RA 0419 - 0431, -DZ 0645		
Min. 40 °F	Vel. 2 m.p.h.	Read. 29.14 in.			
Set 44 °F	Char. Light	Corr. 29.02 in.	Φ = OVNT LOW = 44		
			0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. As 7/10	Clds.	Clds. 9/10 As Sc
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +3mb	Wx Mostly Cloudy	Wx	Wx Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 46$

$HDD = 19$

$CDD = 0$

$\Sigma HDD = 462$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.34''$

$\Sigma PCN_S = 3.8''$

$T_{Davis} = 45/40$

$T_{UNV} = 41/37$

$Gauge_j = 0.00$

$\Sigma Gauge_j = 2.44''$

Friday April 20, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. ←	Temp 73 °F			
Min. 40 °F	Vel. 0 m.p.h.	Read. 29.20 in.			
Set 41 °F	Char. Calm	Corr. 28.98 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. 0/10	Clds. 0/10	Clds. 4/10 CS
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. / +2 mb	Wx Sunny	Wx Clear	Wx M.Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 49$

$HDD = 16$

$CDD = 0$

$\Sigma HDD = 478$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.34''$

$\Sigma PCN_S = 3.8''$

$\bar{T}_{Davis} = 45/38$

$\bar{T}_{UNV} = 41/39$

$Gauge_T = 0.00''$

$\Sigma Gauge_T = 2.44''$

Saturday April 21, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 74 °F			
Min. 38 °F	Vel. 0 m.p.h.	Read. 29.11 in.			
Set 42 °F	Char. Calm	Corr. 28.90 in.	0700	1300	1900
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	Clds. 8/10	Clds.	Clds. 1/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Clear	Wx	Wx Nice! M.Clear
Ppn. Sol. 00 in.	Snow Depth 0 in.	Observer CJP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 54$

HDD = 11

CDD = 0

ΣHDD = 489

ΣCDD = 0

$\Sigma PCN_L = 2.34''$

$\Sigma PCN_S = 3.8''$

$T_{DAYES} = 465/29.$

$T_{WW} = 113/34$

$T_W = 37$

$T_D = 30$

GZ: 0.00"

ΣGZ: 2.44"

Sunday April 22, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. /	Temp 75 °F			
Min. 42* °F	Vel. 0 m.p.h.	Read. 29.07 in.	Overnight Low = 46°		
Set 48 °F	Char. calm	Corr. 28.94 in.	0700	1300	1900
R.H. 52 %	24 hr. Mov. / mi.	Sea L. 30.31 in.	Clds. 0/10	Clds.	Clds. 3/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. /	3 hr. Tend. -/+ 1.2 mb	Wx Clear	Wx	Wx Placed end to another tranquil day
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 59°$

$HDD = 6$

$\Sigma HDD = 495$

$T_{DAVIS} = 52/34$

$T_{UNV} = 48/34$

$T_W = 44°$

$T_D = 31°$

$\Sigma PCN_L = 2.34"$

$\Sigma PCN_J = 3.8"$

$G_2 : 0.00"$

$\Sigma G_2 : 2.44"$

Monday, 23 April, 2007 — 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. S	Temp 77 °F			
Min. 48* °F	Vel. 1 m.p.h.	Read. 28.96 in.			
Set 54 °F	Char. ~calm	Corr. 28.83 in.	*Overnight low = 52°		
R.H. 52 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	0700 Clds. 6/10 Ci	1300 Clds. 7/10 Cu/Ci	1900 Clds. 3/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ↗ +0.3mb	Wx v. Pleasant, v. thin cirrostrat	Wx	Wx M.Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 64°$

$HDD = 1$

$\Sigma HDD = 496$

$\Sigma CDD = 0$

$\Sigma PCN_L = 2.34"$

$\Sigma PCN_S = 3.8"$

$T_{DAVIS} = 56°/39°$

$T_{UMV} = 55°/39°$

$T_{KPSU} = 52°/M$

$T_W = 45.5°$

$T_D = 39°$

$PCN_{GZ} = 0.00"$

$\Sigma PCN_{GZ} = 2.44"$

Tuesday April 24, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. NW	Temp 77 °F	2150-2230 LT: -SHRA OCCL SHRA, +SHRA		
Min. 54* °F	Vel. 4 m.p.h.	Read. 28.88 in.	2300-2330 LT: -SHRA		
Set 59 °F	Char. calm	Corr. 28.74 in.	0000-0030 CT: -SHRA		
			Overnight Low = 57°		
			0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. Cu 6/10	Clds. Ci 2/10	Clds. Ci 1/10
Ppn. Liq. 0.22 in.	Prev. Dir. —	3 hr. Tend. 1 + 1.3 mb	Wx P. Cloudy	Wx Mostly sunny	Wx M. Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 68°$

$T_{DAVIS} = 59/53$

$T_W = 55°$

$HDD = 0$

$T_{UNV} = 57/52$

$T_D = 51°$

$\Sigma HDD = 496$

$CDD = 3$

$\Sigma CDD = 3$

$\Sigma PCN_L = 2.56"$

$\Sigma PCN_S = 3.8"$

$PCN_{62} = 0.25"$

$\Sigma PCN_{62} = 2.69$

Wednesday, 25 April 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. ENE	Temp 78 °F			
Min. 47 °F	Vel. 1 m.p.h.	Read. 28.92 in.			
Set 48 °F	Char. Steady	Corr. 28.78 in.	0700	1300	1900
R.H. 66 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. 3/10 Ci Cc	Clds.	Clds. Ns 10/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ~ +0.5 mb	Wx M. Sunny	Wx	Wx Light Rain
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 25 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T}$: 59

HDD: 6

ΣHDD: 502

CDD: 0

ΣCDD: 3

T_{DAVIS}: 49/39

T_{UNV}: 46/39

T_W: 43°

T_D: 37°

ΣPCN_L: 2.56"

ΣPCN_S: 3.8"

PCN_{62}: 0.00

ΣPCN_{62}: 2.69

Thursday April 26, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 51 °F	Dir. E	Temp 76 °F	-RAOCCLRA 1032-2030
Min. 44 °F	Vel. 3 m.p.h.	Read. 29.44 in.	
Set 47 °F	Char. Light	Corr. 29.21 in.	MOUNT LOW = 46

0700	1300	1900
Clds. 10/10 St	Clds.	Clds. 10/10 Ns
Wx Cloudy	Wx	Wx Light Rain
Vis. 25 mi.	Vis. mi.	Vis. ~17 mi.

R.H.	24 hr. Mov.	Sea L.	Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Ppn. Sol.	Snow Depth	Observer
98 %	— mi.	30.33 in.	0.80 in.	—	~+2 mb	0.0 in.	0 in.	NK

$\bar{T} = 48$

$HDD = 17$

$CDD = 0$

$\Sigma HDD = 519$

$\Sigma CDD = 3$

$\Sigma P(N_L) = 3.36$

$\Sigma P(N_S) = 3.8''$

$T_{Davis} = 48/46$

$T_{UNV} = 46/45$

$Gauged = 0.77''$

$\Sigma Gauged = 3.46$

Friday April 27, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 52 °F	Dir. SW	Temp 76 °F	-RA 1959-2328 -RA OCCL RA 0128-0800
Min. 47 °F	Vel. 6 m.p.h.	Read. 28.78 in.	
Set 49 °F	Char. Breezy	Corr. 28.66 in.	BUST LOW = 49

0700	1300	1900
Clds. N_S 10	Clds.	Clds.
Wx Light Rain	Wx	Wx
Vis. 6 mi.	Vis. mi.	Vis. mi.

R.H.	24 hr. Mov.	Sea L.
99 %	— mi.	29.79 in.
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. -1 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK

$\bar{T} = 50$
HDD = 15
CDD = 0
$\Sigma HDD = 534$
$\Sigma CDD = 3$
$\Sigma PCN_L = 3.43''$
$\Sigma PCN_S = 3.8''$

$T_{Dawn} = 49/48$
$T_{UNV} = 48/48$

$G_{auged} = 0.07''$
$\Sigma G_{auged} = 3.53''$

Saturday April 28, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 60 °F	Dir. NSW	Temp 76 °F	[redacted] -SHRA 0800-0900 LT -SHRA 1100-1120 LT -SHRA 1920-1940 LT		
Min. 49* °F	Vel. 1 m.p.h.	Read. 28.72 in.			
Set 51 °F	Char. light rainfall	Corr. 28.59 in.	*overnight low = 58°F		
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 29.07 in.	0700 Clds. 10/10 SC	1300 Clds.	1900 Clds. 4/10 Cu Ci
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -±0.0 mb	Wx OVRCAST	Wx	Wx P.Cloudy
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer COP	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T} = 55$

$HDD = 10$

$CDD = 0$

$\Sigma HDD = 544$

$\Sigma CDD = 3$

$\Sigma PCN_L = 3.43"$

$\Sigma PCN_S = 3.8"$

$T_{DAILS} = 51/48$

$T_{UNV} = 52/46$

$T_W = 49$

$T_D = 47.5$

$G2 = T$

$\Sigma G2 = 3.53"$

Sunday April 29, 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. WSW	Temp 75 °F	1200-1210 : -SHRA 1715-1915 LT : -SHRA		
Min. 44 °F	Vel. 6 m.p.h.	Read. 28.76 in.			
Set 50 °F	Char. Breezy	Corr. 28.63 in.	0700	1300	1900
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. 0/10	Clds.	Clds. 0/10 -
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. /+1.3 mb	Wx Sunny	Wx	Wx Clear, pleasant
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\overline{T} = 50$

$HDD = 15$

$\Sigma HDD = 559$

$CDD = 0$

$\Sigma CDD = 3$

$T_{DAVIS} = 51/46$

$T_{UNV} = 52/45$

$T_W =$

$T_D = 46$

$\Sigma PCN_L = 3.48"$

$\Sigma PCN_S = 3.8"$

$G_2 : 0.054$

$\Sigma G_2 = 3.58"$

Monday, 30 April, 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 71 °F	Dir. WSW	Temp 78 °F	-SHRA ~ 0540LT Temperatures climbed ~ 10°F overnight from 0200LT to OBS.
Min. 50* °F	Vel. 13G18 m.p.h.	Read. 28.68 in.	
Set 63 °F	Char. breezy	Corr. 28.54 in.	*Overnight low = 53°
R.H. 57 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. L-0.9 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	

	0700	1300	1900
Clds.	0/10 -	Clds. 2/10 Ci	Clds.
Wx	clear skies, quite mild	Wx Cntrails w/ clear	Wx
Vis.	25 mi.	Vis. 25 mi.	Vis. mi.

$\bar{T} = 61°$

HDD = 4°

ΣHDD = 563

ΣCDD = 3

$T_{DAVIS} = 63.5°/48°$

$T_{UNV} = 63°/46°$

$T_{KPSU} = 63°/M$

$T_W = 54.5°$

$T_D = 48°$

$\Sigma PCN_L = 3.48"$

$\Sigma PCN_S = 3.8"$

$PCN_{GR} = 0.00"$

$PCN_{MTB} = 0.00"$

$\Sigma PCN_{42} = 3.58"$