Meteorological Observatory
Univeristy Park, PA

Monday, 1 October, 2007 — 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. —	Temp 74 °F	Period of warming overnight indicated by thermographs: roughly from 54° at 0000 LT to 59° at 0200 LT... KUNV experienced similar trend of 54 at 0000 LT to 57 at 0300 LT.
Min. * 47 °F	Vel. 0 m.p.h.	Read. 29.24 in.	* OVN LOW 48
Set 53 °F	Char. calm	Corr. 29.12 in.	

	0700	1300	1900
	Clds. 6/10 Ci	Clds. 2/10 Cu Sc	Clds. 4/10 Ci Cu
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.49 in.	Wx Bright, pleasant morning	Wx M. Sunny	Wx Sunny
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.8mb			
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ = 59°

HDD = 6

ΣHDD = 6

ΣCDD = 0

ΣPCN_L = 0.00"

ΣPCN_S = 0.0"

T_{DAVIS} = 54°/50.5°

T_{WMV} = 48°/46°

T_{KPSU} =

T_W = 52.5°

T_D = 51°

PCN_{QZ} = 0.00"

ΣPCN_{QZ} = 0.00"

Tuesday October 2, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. S	Temp 72 °F			
Min. 53 °F	Vel. 4 m.p.h.	Read. 29.44 in.			
Set 60 °F	Char. Light	Corr. 29.31 in.	OVNT LOW = 58		
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — ±0mb	Clds. Cu 8/10	Clds. Cu, 8/10 Ac, Ci	Clds. Ac 3/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Wx mostly Cloudy	Wx P. Cloudy	Wx P. Cloudy
			Vis. ~17 mi.	Vis. 25 mi.	Vis. 25 mi.

T=64

HDD=1

CDD=0

ΣHDD=7

ΣCDD=0

ΣDCN_=0.00

T_Davis=60/57

T_UNV=59/54

T_W=59

T_L=52

Gauged=0.00"

ΣGauged=0.00

Wednesday 3 October 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 74 °F	Dir. S	Temp 73 °F	
Min. 60* °F	Vel. 3 m.p.h.	Read. 28.98 in.	*overnight Low = 62°
Set 64 °F	Char. Steady	Corr. 28.85 in.	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — +.2 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ.	

0700	1300	1900
Clds. St 8/10 Cu As	Clds. 2/10 Ac, Cs, Cu	Clds. Ci 3/10 Cs
Wx M. Cloudy	Wx M-Sunny	Wx Partly Cloudy
Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 67

HDD : 0

ΣHDD : 7

CDD : 2

ΣCDD : 2

ΣPCN_L : 0.00"

T_{DAVIS} : 64/62

T_{UNV} : 63/59

T_W : 63°

T_D : 62°

PCN_{62} : 0.00"

ΣPCN_{62} : 0.00"

Thursday October 4, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. —	Temp 72 °F			
Min. 59 °F	Vel. 0 m.p.h.	Read. 29.44 in.			
Set 60 °F	Char. Calm	Corr. 29.11 in.	0700	1300	1900
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. Cu 1/10	Clds. 4/10 Cs, Ci	Clds. 2/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. F1 mb	Wx Sunny	Wx P. Sunny	Wx M. Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 60$

$HDD = 0$

$CDD = 4$

$\Sigma HDD = 7$

$\Sigma CDD = 6$

$\Sigma PCN_L = 0.00''$

$T_{Davis} = 61/60$

$T_{UNV} = 59/57$

$T_W = 62$

$T_d = 58$

$Gauge\ 2 = 0.00''$

$\Sigma Gauged = 0.00''$

Friday 5 October 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. SSW	Temp 78 °F			
Min. 60 °F	Vel. 0 m.p.h.	Read. 29.17 in.			
Set 61 °F	Char. Calm	Corr. 29.03 in.	0700	1300	1900
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 30.37 in.	Clds. Ci 4/10 AS	Clds. Cu, Ci 6/10 As	Clds. Ac Cu 5/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.1 mb	Wx P. Cloudy	Wx P. Cloudy	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 72$

HDD : 0

Σ HDD : 7

CDD : 7

Σ CDD : 13

Σ PCN_L : 0.00"

T_{DAVIS} : 61/60

T_{UNV} : 57/57

T_W : 60°

T_D : 59°

PCN_{62} : 0.00"

Σ PCN_{62} : 0.00"

Saturday 6 October 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SW	Temp 78 °F			
Min. 61* °F	Vel. 3 m.p.h.	Read. 29.11 in.	* overnight low = 63°		
Set 64 °F	Char. Steady	Corr. 28.98 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.31 in.	Clds. 0/10	Clds.	Clds. 1/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /+0.1 mb	Wx sunny/haze	Wx	Wx m.clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 8 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 72

HDD: 0

ΣHDD: 7

CDD: 7

ΣCDD: 20

T_{DAYS}: 62/62

T_{WW}: 59/59

T_w: 64

T_d: 64

ΣPCN_L: 0.00"

PCN_{G_2}: 0.00"

ΣPCN_{G_2}: 0.00"

Sunday, 7 October 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. W	Temp 74 °F	0613 CT - C 7:30 CT - RA		
Min. 64* °F	Vel. 3 m.p.h.	Read. 28.98 in.			
Set 68 °F	Char. Steady	Corr. 28.85 in.	* Overnight Low: 65		
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	0700 Clds. 9/10 St As	1300 Clds.	1900 Clds. 3/10 Ac
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx m. Cloudy	Wx	Wx Overcast, quite warm
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AOB	Vis. 24 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 74

HDD: 0

ΣHDD: 7

CDD: 9

ΣCDD: 29

TRAVIS: 68/66

TMNV: 66/64

TW: 67

TCI: 67

ΣPCN_L: T

ΣPCN_S: 0.01

$PCN_{0,j}$: T

$\Sigma PCN_{0,j}$: T

Monday, 8 October, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. * 84 °F	Dir. –	Temp 79 °F	Fog from NE to SW, tops of Nittany and Tussey ridges unobscured * REC HI (old = 83, 1963)		
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.93 in.			
Set 63 °F	Char. calm	Corr. 28.79 in.	0700	1300	1900
R.H. 98 %	24 hr. Mov. – mi.	Sea L. 30.11 in.	Clds. 0/10 –	Clds. 4/10 Cu	Clds. 10/10 Cu St
Ppn. Liq. 0.00 in.	Prev. Dir. –	3 hr. Tend. ↘ -0.1 mb	Wx clear, rather humid	Wx Haze P. Cloudy	Wx Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 3 mi.	Vis. ~18 mi.	Vis. 25 mi.

$\bar{T} = 73°$
CDD = 8
ΣCDD = 37
ΣHDD = 7

$\Sigma PCN_L = T$
$\Sigma PCN_S = 0.0"$

$T_{DAVIS} = 62°/62°$
$T_{UNV} = 59°/59°$
$T_{KPSU} = M/M$

$T_V = 63°$
$T_D = 62.5°$

$PCN_{az} = 0.00"$
$\Sigma PCN_{az} = T$

Tuesday October 9, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. ☆ 86 °F	Dir. —	Temp 80 °F			
Min. 63 °F	Vel. 0 m.p.h.	Read. 29.14 in.			
Set 66 °F	Char. Calm	Corr. 28.82 in.	@Rec Hi (012= 84, 1939)		
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —Fomb	Clds. Cu 5/10	Clds. 8/10 Cu, Ac, Cs congestus	Clds. Ac 2/10 As
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Wx Fog, Sunny	Wx Increasing clouds	Wx P Cloudy
			Vis. ~17 mi.	Vis. 25 mi.	Vis. 20 mi.

$T = 75$
$HDD = 0$
$CDD = 10$
$\Sigma HDD = 7$
$\Sigma CDD = 47$
$\Sigma PCN_L = T$

$T_{Davis} = 68/66$
$T_{UNV} = 66/63$

$T_w = 66$
$T_d = 65$

$Gauge_1 = 0.00''$
$\Sigma Gauge_1 = T$

Wednesday 10 October 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 * °F	Dir. NW	Temp 78 °F	+TSRA : 1524 - 1535 LT (PK Gust 31) -SHRA : 1535 - 1550 LT .5" GR : 1530 - 1532 LT -SHRA : 1740 - 1815 LT * Record Hi (OLD = 85, 1939, 1949)		
Min. 50 °F	Vel. 2 m.p.h.	Read. 28.64 in.			
Set 52 °F	Char. Variable	Corr. 28.50 in.	0700	1300	1900
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	Clds. Sc, Ac, As, Ci 4/10	Clds. 4/10 Cu, Ac, Ci	Clds. Cu 5/10
Ppn. Liq. 0.40 in.	Prev. Dir. —	3 hr. Tend. ↘ -.2 mb	Wx P. Cloudy	Wx P. Sunny	Wx Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 68

HDD: 0

Σ HDD: 7

CDD: 3

Σ CDD: 50

T_{DAVIS}: 52/50

T_{UNV}: 48/48

T_W: 52°

T_D: 51°

ΣPCN_L: 0.40"

ΣPCN_3: T_{TRAIL}

PCN_{62}: 0.40"

ΣPCN_{62}: 0.40"

Thursday October 11, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. NW	Temp 76 °F	-SHRA 0700-0730 L-		
Min. 48 °F	Vel. 2 m.p.h.	Read. 28.48 in.			
Set 49 °F	Char. Light	Corr. 28.26 in.			
			0700	1300	1900
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.39 in.	Clds. SE 10/10 Cu	Clds.	Clds. Ns 6/10
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ~-1 mb	Wx Cloudy, Gloomy	Wx	Wx Light Drizzle
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 59$

$HDD = 6$

$CDD = 0$

$\Sigma HDD = 13$

$\Sigma CDD = 50$

$\Sigma PCN_L = 0.40''$

$\Sigma PCN_S = T_{HAIL}$

$T_{Davis} = 48/44$

$T_{UNV} = 48/41$

$T_w = 49$

$T_d = 48$

Gauges = T

Σ Gauges = 0.40''

Friday 12 October 2007

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. NW	Temp 75 °F	0830-1030 LT: -dz, -SHRA 1330-2320 LT: -dz, OCCl -SHRA		
Min. 47 °F	Vel. 9 m.p.h.	Read. 28.64 in.			
Set 49 °F	Char. Gusty	Corr. 28.51 in.	0700	1300	1900
R.H. 79 %	24 hr. Mov. C mi.	Sea L. 29.86 in.	Clds. As 4/10 St Cu	Clds. Sc 3/10	Clds. Ac 3/10
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. ✓ +1.7 mb	Wx P. Cloudy	Wx P. Cloudy	Wx P. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 50

HDD : 15

ΣHDD = 28

CDD : 0

ΣCDD : 50

T_{DAVIS} : 50/47

T_{UNV} : 48/39

T_W : 46°

T_D : 43°

ΣPCN_L : 0.47"

ΣPCN_S : T_{RAIL}

PCN_{62} : 0.07"

ΣPCN_{62} : 0.47"

Saturday 13 October 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. WSW	Temp 72 °F	~SNW ~0830 LT		
Min. 40 °F	Vel. 2 m.p.h.	Read. 28.83 in.			
Set 41 °F	Char. Steady	Corr. 28.71 in.	0700	1300	1900
R.H. 40 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 1/10 As	Clds.	Clds. 3/10 C.
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+1.0 mb	Wx m. Sunny	Wx	Wx m.Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 23 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 48

HDD: 17

ΣHDD: 45

CDD: 0

ΣCDD: 50

T_{DAVIS}: 41/38

T_{WRV}: 39/36

T_w: 39

T_d: 38

ΣPCN_L: 0.47"

ΣPCN_S: T_{HAIL}

PCN_{6_D}: T

ΣPCN_{6_D}: 0.47"

Sunday 14 October 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 58 °F	Dir. WNW	Temp 71 °F			
Min. 41 °F	Vel. 2 m.p.h.	Read. 28,94 in.			
Set 46 °F	Char. Steady	Corr. 28,81 in.	Overnight Low: 43		
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30,18 in.	0700 Clds. 0/10	1300 Clds.	1900 Clds. 3/10 As, Ci
Ppn. Liq. 0,00 in.	Prev. Dir. —	3 hr. Tend. +0,9 mb	Wx Clear Fog nearby	Wx	Wx Decreasing clouds
Ppn. Sol. 0,0 in.	Snow Depth 0 in.	Observer ADB	Vis. 24 mi.	Vis. mi.	Vis. 25 mi.

T: 49.50

HDD: 15

ΣHDD: 60

CDD: 0

ΣCDD: 50

TMAVG: 47/41

TMNV: 45/37

TO: 44

TR. 42

ΣPCN$_L$: 0.47"

ΣPCN$_S$: [illegible]

PCN$_{03}$: 0.00"

ΣPCN$_{03}$: 0.47"

Monday, 15 October, 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. W	Temp 72 °F			
Min. 45 °F	Vel. 1 m.p.h.	Read. 29.05 in.			
Set 47 °F	Char. ~calm	Corr. 28.93 in.	0700	1300	1900
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. 8/10 Ci, Ac, As, Cs	Clds. 4/10 As Ci Ac	Clds. Cu Sc 10/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.8mb	Wx Bright under numerous cloud types	Wx P.Cloudy	Wx Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 54°$

HDD = 11

$\Sigma HDD = 71$

$\Sigma CDD = 50$

$\Sigma PCN_L = 0.47"$

$\Sigma PCN_S = T_{HARL}$

$T_{DAVIS} = 47.5°/43°$

$T_{UNV} = 45°/39°$

$T_{KPSU} = M/M$

$T_w = 45$

$T_o = 43°$

$PCN_{92} = 0.00"$

$\Sigma PCN_{92} = 0.47"$

Tuesday October 16, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. —	Temp 74 °F			
Min. 47° °F	Vel. 0 m.p.h.	Read. 29.25 in.			
Set 50 °F	Char. Calm.	Corr. 29.13 in.	R=OUNT LOW = 50		
			0700	1300	1900
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. Cu Cs Ac Ci 2/10	Clds. 8/10 Cs, As, Ac, Cu	Clds. St 9/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. F1 mb	Wx Partly Sunny	Wx Thickening clouds	Wx M. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T}$= 59

HDD= 6

CDD= 0

ΣHDD= 77

ΣCDD= 50

$\Sigma P(N)_L$= 0.47"

$\Sigma P(N)_S = T_{HAZL}$

T_{Davis}= 57/49

T_{UNV}= 50/46

T_W= 50

T_L= 47

Gauged= 0.00"

ΣGauged= 0.47"

Wednesday 17 October 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 68 °F	Dir. E	Temp 72 °F	2325 - 0100 LT : OCCl - SHRA OCCl dZ		
Min. 50* °F	Vel. 0 m.p.h.	Read. 28.96 in.	* overnight Low = 51°		
Set 53 °F	Char. calm	Corr. 28.83 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Clds. StCi 4/10 As	Clds. 6 Cu, St, 10 As, Ac	Clds. St 9/10 Sc
Ppn. Liq. 0.04 in.	Prev. Dir. —	3 hr. Tend. — ± 0 mb	Wx P. Cloudy Fog	Wx Considerable Cloudiness	Wx M. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 5 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 59$

$CDD = 0$

$\Sigma CDD = 50$

$HDD = 6$

$\Sigma HDD = 83$

$\Sigma PCN_L = 0.51"$

$T_{DAVIS} = {}^{54}/_{54}$

$T_{UNV} = {}^{50}/_{50}$

$T_W = 53°$

$T_D = 53°$

$PCN_{GZ} = 0.03"$

$\Sigma PCN_{GZ} = 0.50"$

Thursday October 18, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. —	Temp 70 °F			
Min. 52 °F	Vel. 0 m.p.h.	Read. 28.91 in.			
Set 56 °F	Char. Calm	Corr. 28.70 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.83 in.	Clds. 9/10 Cu Ci	Clds. 8/10 Cu, As, Cs	Clds. 3/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — -1 mb	Wx Fog, Partly Sunny	Wx Scattered clouds Hazy	Wx P.Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 3.5 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$=62
HDD=3
CDD=0
ΣHDD=86
ΣCDD=50
ΣPCN$_L$=0.51"

T_{Davis}=57/56
T_{UNV}=52/52

T_w=56
T_d=56

Gauged=0.00"
ΣGauged=0.50"

Friday October 19, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. S	Temp 73 °F	0715-0750LT: SHRA		
Min. 56* °F	Vel. 2 m.p.h.	Read. 28.56 in.			
Set 66 °F	Char. light	Corr. 28.43 in.	* Overnight Low: 64°		
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.73 in.	0700	1300	1900
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. -.2 mb	Clds. St 10/10 Ns. Wx overcast	Clds. 10/10 Ns Wx -SHRA	Clds. Ns 9/10 Wx -SHRA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 8 mi.	Vis. 10 mi.	Vis. 20 mi.

$\bar{T}$: 66

HDD: 0

ΣHDD: 86

CDD: 1

ΣCDD: 51

ΣPCN_L: 0.53"

T_{DAVIS}: 66/65

T_{UNV}: 66/63

T_W: 66°

T_D: 66°

PCN_{62}: 0.03

ΣPCN_{62}: 0.53"

Saturday October 20, 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. SW	Temp 70 °F	0800 - 0805 LT - SHRA		
Min. 54 °F	Vel. 3 m.p.h.	Read. 29.10 in.	1100 - 1130 LT RA	1930 - 2020 LT - RA	
Set 55 °F	Char. Steady	Corr. 28.99 in.	1315 - 1400 LT RA		
			1500 - 1530 LT +RA		
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	0700	1300	1900
Ppn. Liq. 0.18 in.	Prev. Dir. —	3 hr. Tend. +1.7 mb	Clds. 4/10 Ac Ln	Clds.	Clds. 1/10 Sc
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Wx p. cloudy	Wx	Wx p. clear
			Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 62

HDD: 3

ΣHDD: 89

CDD: 0

ΣCDD: 51

T_{DMS}: 54/49

T_{UNV}: 54/45

T_w: 52

T_d: 48

ΣPCN_L: 0.71"

PCN_{6_0}: 0.17"

ΣPCN_{6_2}: 0.70"

Sunday 21 October 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. SW	Temp 72 °F			
Min. 49 °F	Vel. 3 m.p.h.	Read. 28.79 in.			
Set 51 °F	Char. Steady	Corr. 28.86 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 0/10	Clds.	Clds. ~0/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.2 mb	Wx Sunny	Wx	Wx Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ADB	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 57

HDD: 8

ΣHDD: 17

CDD: 0

ΣCDD: 51

T_{UNV}: 52/50

T_{DAVU}: 54/42

Tw: 49

Td: 47

ΣPCN_L: 0,71"

ΣPCN_S: 0,0"

PCN_{62}: 0,00"

ΣPCN_{62}: 0,70"

Monday, 22 October, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. —	Temp 72.5 °F			
Min. 48 °F	Vel. 0 m.p.h.	Read. 29.05 in.			
Set 48 °F	Char. calm	Corr. 28.93 in.			
			0700	1300	1900
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. 1/10 As, Ci	Clds. 7/10 AC Cu	Clds. St 10/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ⌐ +0.5mb	Wx Clear	Wx P. Cloudy	Wx Cloudy
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

$\Sigma HDD = 100$

$\Sigma CDD = 51$

$\Sigma PCN_L = 0.71"$

$\Sigma PCN_S = T_{RAIL}$

$T_{DAVIS} = 49.5°/44.5°$

$T_{UMV} = 45°/41°$

$T_{KPSU} = M/M$

$T_W = 47°$

$T_D = 44.5°$

$PCN_{G2} = 0.00"$

$\Sigma PCN_{G2} = 0.70"$

Tuesday October 23, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 72 °F	Dir. S	Temp 72 °F	-RA 0520 - 0800		
Min. 48 °F	Vel. 7 m.p.h.	Read. 28.94 in.			
Set 64 °F	Char. Light	Corr. 28.73 in.	R= OVNT LOW = 62		
			0700	1300	1900
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. Ns 10/10	Clds. 10/10 Ns, St	Clds. St, 10/10 Ns
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. ↘ -2 mb	Wx Light Rain	Wx Overcast, -- DZ]	Wx -SHRA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. ~17 mi.	Vis. ~8 mi.	Vis. 10 mi.

$\bar{T} = 60$

$HDD = 5$

$CDD = 0$

$\Sigma HDD = 105$

$\Sigma CDD = 51$

$\Sigma PCN_L = 0.76''$

$\Sigma PCN_S = T_{Hart}$

$T_{Oavg} = 65/61$

$T_{UUV} = 63/59$

$T_w = 64$

$T_d = 62$

$Gauges = 0.06''$

$\Sigma Gauges = 0.76''$

Wednesday 24 October 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 66 °F	Dir. NNE	Temp 75 °F	0800 - 1800 LT: -SHRA, occl SHRA, -dz		
Min. 52 °F	Vel. 2 m.p.h.	Read. 28.77 in.	2000 - 0759 LT: -SHRA, occl RA, +RA, -dz		
Set 52 °F	Char. Light	Corr. 28.64 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. 10/10 Ns	Clds.	Clds. 10 Ns 10
Ppn. Liq. 0.77 in.	Prev. Dir. —	3 hr. Tend. / +1.9 mb	Wx Light Rain	Wx	Wx Light rain
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 12 mi.	Vis. mi.	Vis. ~17 mi.

$\bar{T}$: 59

HDD: 6

ΣHDD: 111

CDD: 0

ΣCDD: 51

T_{DAVIS}: 54/53

T_{UNV}: 52/50

T_W: 52

T_D: 52

ΣPCN_L: 1.53"

ΣPCN_S: T_{Hail}

PCN_{62}: 0.83"

ΣPCN_{62}: 1.59"

Thursday October 25, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 54 °F	Dir. NE	Temp 74 °F	-RA occl RA 0800-1740
Min. 52 °F	Vel. 4 m.p.h.	Read 29.26 in.	-RA occl RA 2200-0120
Set 53 °F	Char. light	Corr. 29.05 in.	

	0700	1300	1900
R.H. 90 %	Clds. Sc 5/10 Ci	Clds.	Clds. St 9/10 Sc
24 hr. Mov. — mi.	Sea L. 30.27 in.		
Ppn. Liq. 0.27 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx mostly cloudy	Wx	Wx M. Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. ~17 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T} = 53$

$HDD = 12$

$CDD = 0$

$\Sigma HDD = 123$

$\Sigma CDD = 51$

$\Sigma PCN_L = 1.80''$

$\Sigma PCN_S = T_{Hart}$

$T_{Davis} = 50/48$

$T_{UNN} = 46/45$

$T_w = 53$

$T_d = 52$

$Gauge = 0.27''$

$\Sigma Gauge = 1.86''$

Friday 26 October 2007 — 0700 EST — Meteorological Observatory, Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 58 °F	Dir. E	Temp 74 °F	0645 - 0800 LT : - SHRA, occl BA, - dz
Min. 48 °F	Vel. 3 m.p.h.	Read. 29.20 in.	
Set 49 °F	Char. steady	Corr. 29.07 in.	

	0700	1300	1900
R.H. 100 %	Clds. Ns 10/10 St	Clds. Ns 10/10 St	Clds. Ns 10/10 St
Ppn. Liq. 0.03 in.	Wx Light Rain	Wx Overcast	Wx rain
Ppn. Sol. 0.0 in.	Vis. ~20 mi.	Vis. ~20 mi.	Vis. 18 mi.
Snow Depth 0 in.			
Observer JMZ			
Prev. Dir. —			
24 hr. Mov. — mi.			
Sea L. 30.45 in.			
3 hr. Tend. — ±0 mb			

$\overline{T} = 53$

$CDD = 0$

$\Sigma CDD = 51$

$HDD = 12$

$\Sigma HDD = 135$

$T_{DAVIS} = {}^{49}/_{48}$

$T_{UNV} = {}^{48}/_{45}$

$T_W = 49$

$T_D = 49$

$\Sigma PCN_L = 1.83''$

$\Sigma PCN_S = T_{HAIL}$

$PCN_{62} = 0.03''$

$\Sigma PCN_{62} = 1.89''$

Saturday 27 October 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. WSW	Temp 72 °F	0800-0900 LT : -SHRA 1200-1300 LT : -dz 1500-1700 LT: dz 1700-2030 LT: RA (+RA @ times) 2200-0240: dz, -SHRA	0420-0540: +RA 0540-0750: dz	* [illegible] LOW 52 TEMP ROSE OVNT
Min. * 49 °F	Vel. 3 m.p.h.	Read. 28.88 in.			
Set 54 °F	Char. Steady	Corr. 28.76 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.10 in.	Clds. St 10/10 Fog	Clds.	Clds.
Ppn. Liq. 0.69 in.	Prev. Dir. —	3 hr. Tend. \ -0.4 mb	Wx overcast	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 5 mi.	Vis. mi.	Vis. mi.

$\bar{T}$: 52 T_{DAMS}: 53/53 T_w: 54

CDD: 0 T_{WW}: 54/54 T_d: 54

ΣCDD: 51

HDD: 13

ΣHDD: 148

ΣPLN_L = 2.52" $PLN_{6,}$: 0.68"

ΣPLN_S = T_{hail} $\Sigma PLN_{6,}$: 2.57"

Sunday 28 October 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 59 °F	Dir. WNW	Temp 74 °F	-RA 00:00 LT - 00:20 LT -RA 01:20 LT - 01:40 LT		
Min. 41 °F	Vel. 1 m.p.h.	Read. 29.23 in.			
Set 41 °F	Char. Steady	Corr. 29.10 in.	0700	1300	1900
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.50 in.	Clds. 2/10 Sc	Clds.	Clds. 5/10 As, Sc, St
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +1.8 mb	Wx M.Sunny	Wx	Wx P.Cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AOB	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 50

CDD: 0

ΣCDD: 51

HDD: 15

ΣHDD: 163

T_{DAVIS}: 41/36

T_{UNIV}: 41/32

T_W: 38

T_d: 34

ΣPCN_L: 2.53"

ΣPCN_S: TRACE

PCN_{02}: 0.01"

ΣPCN_{02}: 2.58"

Meteorological Observatory
Univeristy Park, PA

Monday, 29 October, 2007 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 50 °F	Dir. W	Temp 73 °F			
Min. 31 °F	Vel. 4 m.p.h.	Read. 29.34 in.			
Set 32 °F	Char. light	Corr. 29.22 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.65 in.	Clds. 1/10 As	Clds. Ci 2/10 As.	Clds. Ci 1/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ⌣ +0.0mb	Wx Finally a cold morning	Wx M. Sunny	Wx Sunny
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AGM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 41°$

HDD = 24

Σ HDD = 187

Σ CDD = 51

$\Sigma PCN_L = 2.53"$

$\Sigma PCN_S = T_{HAIL}$

$T_{DAVIS} = 32.5°/29.5°$

$T_{UNV} = 30°/28°$

$T_{KPSU} = M/M$

$T_W = N/A$

$T_D = 29°$

$PCN_{QZ} = 0.00"$

$\Sigma PCN_{QZ} = 2.58"$

Tuesday October 30, 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. SW	Temp 74 °F			
Min. 32 °F	Vel. 1 m.p.h.	Read. 29.46 in.			
Set 41 °F	Char. Light	Corr. 29.25 in.	ABOUT LOW = 40		
			0700	1300	1900
R.H. 55 %	24 hr. Mov. — mi.	Sea L. 30.37 in.	Clds. Cs 1/10	Clds. 0/10 -	Clds. 2/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — ±0 mb	Wx Sunny	Wx Clear + cool	Wx M.Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 44$

$HDD = 21$

$CDD = 0$

$\Sigma HDD = 208$

$\Sigma CDD = 51$

$\Sigma PCN_L = 2.53''$

$\Sigma PCN_S = T_{HAT}$

$T_{DAILY} = 43/32$

$T_{UNV} = 36/30$

$T_W = 40$

$T_d = 33$

$Gauged = 0.05''$

$\Sigma Gauged = 2.58''$

Wednesday 31 October 2007 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 60 °F	Dir. SSW	Temp 74 °F	WARMEST OCTOBER ON RECORD, T = 59.180 (OLD RECORD 59.06°, 1947)
Min. 35 °F	Vel. 2 m.p.h.	Read. 29,12 in.	
Set 35 °F	Char. Variable	Corr. 28.99 in.	

	0700	1300	1900
R.H. 89 %	Clds. 1/10 Ci	Clds.	Clds. 1/10 Ci
24 hr. Mov. — mi.	Sea L. 30.40 in.	3 hr. Tend. -.3 mb	
Ppn. Liq. 0.00 in.	Prev. Dir. —	Wx M. Sunny	Wx	Wx Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JMZ	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 48

HDD: 17

ΣHDD: 225

CDD: 0

ΣCDD: 51

ΣPCN_L = 2.53"

ΣPCN_S = T_{HAIL}

T_{DAVIS}: 35/33

T_{UNV}: 34/32

T_W: 34

T_D: 32

OCT. TEMPS

$\bar{T}_{MAX}$ = 68.6°F

$\bar{T}_{MIN}$ = 49.8

$\bar{T}_{OCT}$ = 59.18

WARMEST OCTOBER ON RECORD.

1947 = 59.06°

PCN_{62}: 0.00"

ΣPCN_{62}: 2.58"