

FT: 77 Turn: 69/67 Tw: 66
 HAD: 0 Turns: 72/68 Td: 63
 EHAD: 0 mnts: 80/66/70
 CDD: 12
 ECDD: 12
 EPCNL: 0.00"
 EPCNS: 0.0" 8-1-11

FT: 77 Turn: 68/61 Tw: 64
 HAD: 0 Turns: 74/69 Td: 62
 EHAD: 0 mnts: 88/63/67
 CDD: 12
 ECDD: 24
 EPCNL: 0.63"
 EPCNS: T 8-2-11

FT: 78 Turn: 68/68 Tw: 69
 HAD: 0 Turns: 69/69 Td: 68.5
 EHAD: 0 mnts: 86/67/68
 CDD: 13
 ECDD: 37
 EPCNL: 0.81"
 EPCNS: Trace 8-3-11

FT: 72 Turn: 70/68 Tw: 69.5
 HAD: 0 Turns: 70/70 Td: 69.5
 EHAD: 0 mnts: 71/67/69
 CDD: 7
 ECDD: 44
 EPCNL: 1.00"
 EPCNS: Trace 8-4-11

FT: 75 Turn: 66/66 Tw: 67
 HAD: 0 Turns: 69/69 Td: 66
 EHAD: 0 mnts: 79/67/68
 CDD: 10
 ECDD: 54
 EPCNL: 1.00"
 EPCNS: Trace 8-5-11

FT: 79 Turn: 70/69 Tw: -
 HAD: 0 Turns: 70/70 Td: 70
 EHAD: 0 mnts: 76/68/69
 CDD: 8
 ECDD: 62
 EPCNL: 1.14"
 EPCNS: Trace (HNL) 8-6-11

FT: 74 Turn: 72/72 Tw: 71
 HAD: 0 Turns: 72/72 Td: 71
 EHAD: 0 mnts: 76/69/71
 CDD: 9
 ECDD: 71

FT: 78 Turn: 72/64 Tw: 68.5
 HAD: 0 Turns: 71/71 Td: 67
 EHAD: 0 mnts: 83/70/70
 CDD: 13
 ECDD: 84

EPCNL: 1.38"
 EPCNS: T (HNL)
 8/7/11

EPCNL: 1.44"
 EPCNS: Trace (HNL)
 8-8-11

FT: 76 Turn: 64/64 Tw: 66
 HAD: 0 Turns: 66/66 Td: 65.5
 EHAD: 0 mnts: 83/65/66
 CDD: 11
 ECDD: 95

FT: 74 Turn: 66/59 Tw: 63
 HAD: 0 Turns: 67/65 Td: 61
 EHAD: 0 mnts: 80/65/66
 CDD: 9
 ECDD: 104

EPCNL: 1.53"
 EPCNS: T (HNL)
 8-9-11

EPCNL: 1.59"
 EPCNS: Trace (HNL)
 8-10-11

Thursday, August 11, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 80 °F	Dir. WSW	Temp 75 °F	Read. 28.70 in.	0700	1300
Min. 59 °F	Vel. 2 m.p.h.	Read. 28.70 in.	Corr. 28.63 in.	Clds. 0110	Clds. 5110
Set	Char. calm	Corr. 28.63 in.	Sea L. 28.95 in.	Wx	Wx
R.H. 61 %	24 hr. Mov. - mi.	Sea L. 28.95 in.	Prev. Dir. -	Wx	Wx
Ppn. 90 %	Prev. Dir. -	3 hr. Tend. +2.0 mb	Observer BB	Wx	Wx
Ppn. Liq. 0.00 in.	Snow Depth 0 in.	Observer BB	Vis. 25 mi.	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. 25 mi.	Wx	Wx

Friday, August 12, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 76 °F	Dir. WNW	Temp 76 °F	Read. 28.94 in.	0700	1300
Min. 55 °F	Vel. 2 m.p.h.	Read. 28.94 in.	Corr. 28.80 in.	Clds. 0110	Clds. 5110
Set	Char. calm	Corr. 28.80 in.	Sea L. 30.13 in.	Wx	Wx
R.H. 75 %	24 hr. Mov. - mi.	Sea L. 30.13 in.	Prev. Dir. -	Wx	Wx
Ppn. 0.00 in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Observer BB	Wx	Wx
Ppn. Liq. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. 25 mi.	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. 25 mi.	Wx	Wx

Saturday, August 13, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 80 °F	Dir. -	Temp 76 °F	Read. 28.90 in.	0700	1300
Min. 59 °F	Vel. 0 m.p.h.	Read. 28.90 in.	Corr. 28.76 in.	Clds. 0700	Clds. 1010
Set	Char. calm	Corr. 28.76 in.	Sea L. 30.08 in.	Wx	Wx
R.H. 64 %	24 hr. Mov. - mi.	Sea L. 30.08 in.	Prev. Dir. -	Wx	Wx
Ppn. 87 %	Prev. Dir. -	3 hr. Tend. +0.5 mb	Observer AK	Wx	Wx
Ppn. Liq. 0.00 in.	Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AK	Vis. 25 mi.	Wx	Wx

Sunday, August 14, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 78 °F	Dir. -	Temp 74 °F	Read. 28.75 in.	0700	1300
Min. 63 °F	Vel. 0 m.p.h.	Read. 28.75 in.	Corr. 28.62 in.	Clds. 0700	Clds. 1010
Set	Char. calm	Corr. 28.62 in.	Sea L. 30.05 in.	Wx	Wx
R.H. 71 %	24 hr. Mov. - mi.	Sea L. 30.05 in.	Prev. Dir. -	Wx	Wx
Ppn. 100 %	Prev. Dir. -	3 hr. Tend. +0.2 mb	Observer HW	Wx	Wx
Ppn. Liq. 0.02 in.	Snow Depth 0 in.	Observer HW	Vis. 25 mi.	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. 25 mi.	Wx	Wx

Monday, August 15, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 77 °F	Dir. NNE	Temp 75 °F	Read. 28.61 in.	0700	1300
Min. 63 °F	Vel. 1 m.p.h.	Read. 28.61 in.	Corr. 28.48 in.	Clds. 0700	Clds. 1010
Set	Char. calm	Corr. 28.48 in.	Sea L. 29.79 in.	Wx	Wx
R.H. 98 %	24 hr. Mov. - mi.	Sea L. 29.79 in.	Prev. Dir. -	Wx	Wx
Ppn. 1.91 in.	Prev. Dir. -	3 hr. Tend. +0.5 mb	Observer BB	Wx	Wx
Ppn. Liq. 1.91 in.	Snow Depth 0 in.	Observer BB	Vis. 24 mi.	Wx	Wx
Ppn. Sol. 6.0 in.	Snow Depth 0 in.	Observer BB	Vis. 24 mi.	Wx	Wx

Tuesday, August 16, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 83 °F	Dir. -	Temp 74 °F	Read. 28.90 in.	0700	1300
Min. 60 °F	Vel. - m.p.h.	Read. 28.90 in.	Corr. 28.77 in.	Clds. 0700	Clds. 1300
Set	Char. calm	Corr. 28.77 in.	Sea L. 30.09 in.	Wx	Wx
R.H. 90 %	24 hr. Mov. - mi.	Sea L. 30.09 in.	Prev. Dir. -	Wx	Wx
Ppn. 9.00 in.	Prev. Dir. -	3 hr. Tend. +0.0 mb	Observer BB	Wx	Wx
Ppn. Liq. 9.00 in.	Snow Depth 0 in.	Observer BB	Vis. 15 mi.	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. 15 mi.	Wx	Wx

Wednesday, August 17, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 81 °F	Dir. -	Temp 76 °F	Read. 29.05 in.	0700	1300
Min. 59 °F	Vel. 0 m.p.h.	Read. 29.05 in.	Corr. 28.92 in.	Clds. 0700	Clds. 1300
Set	Char. calm	Corr. 28.92 in.	Sea L. 30.24 in.	Wx	Wx
R.H. 94 %	24 hr. Mov. - mi.	Sea L. 30.24 in.	Prev. Dir. -	Wx	Wx
Ppn. 0.00 in.	Prev. Dir. -	3 hr. Tend. +0.0 mb	Observer BB	Wx	Wx
Ppn. Liq. 0.00 in.	Snow Depth 0 in.	Observer BB	Vis. 20 mi.	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. 20 mi.	Wx	Wx

Thursday, August 18, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 83 °F	Dir. SSE	Temp 74 °F	Read. 28.80 in.	0700	1300
Min. 60 °F	Vel. 1 m.p.h.	Read. 28.80 in.	Corr. 28.73 in.	Clds. 0700	Clds. 1300
Set	Char. night	Corr. 28.73 in.	Sea L. 30.21 in.	Wx	Wx
R.H. 100 %	24 hr. Mov. - mi.	Sea L. 30.21 in.	Prev. Dir. -	Wx	Wx
Ppn. 0.10 in.	Prev. Dir. -	3 hr. Tend. +0.2 mb	Observer MS	Wx	Wx
Ppn. Liq. 0.10 in.	Snow Depth 0 in.	Observer MS	Vis. 25 mi.	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. 25 mi.	Wx	Wx

Friday, August 19, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 83 °F	Dir. -	Temp 71 °F	Read. 28.74 in.	0700	1300
Min. 60 °F	Vel. - m.p.h.	Read. 28.74 in.	Corr. 28.80 in.	Clds. 0700	Clds. 1300
Set	Char. -	Corr. 28.80 in.	Sea L. 30.21 in.	Wx	Wx
R.H. 100 %	24 hr. Mov. - mi.	Sea L. 30.21 in.	Prev. Dir. -	Wx	Wx
Ppn. 0.00 in.	Prev. Dir. -	3 hr. Tend. +0.0 mb	Observer BB	Wx	Wx
Ppn. Liq. 0.00 in.	Snow Depth 0 in.	Observer BB	Vis. 15 mi.	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. 15 mi.	Wx	Wx

Saturday, August 20, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 78 °F	Dir. SSE	Temp 74 °F	Read. 28.80 in.	0700	1300
Min. 60 °F	Vel. 1 m.p.h.	Read. 28.80 in.	Corr. 28.73 in.	Clds. 0700	Clds. 1300
Set	Char. night	Corr. 28.73 in.	Sea L. 30.21 in.	Wx	Wx
R.H. 97 %	24 hr. Mov. - mi.	Sea L. 30.21 in.	Prev. Dir. -	Wx	Wx
Ppn. 0.10 in.	Prev. Dir. -	3 hr. Tend. +0.2 mb	Observer MS	Wx	Wx
Ppn. Liq. 0.10 in.	Snow Depth 0 in.	Observer MS	Vis. 25 mi.	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. 25 mi.	Wx	Wx

Friday, August 12, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Saturday, August 13, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Sunday, August 14, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Monday, August 15, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Tuesday, August 16, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Wednesday, August 17, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Thursday, August 18, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Friday, August 19, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Saturday, August 20, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Sunday, August 21, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

F: 70 Tunv: 59/59 Tw: 59
 HDD: 0 T Davis: 60/59 Td: 58
 \$HDD: 0 mmts: 79/56/59
 CDD: 5
 \$CDD: 109
 \$PCNL: 1.59"
 \$PCNs: Trace (Chair) 8-11-11

F: 66 Tunv: 55/50 Tw: 54.5
 HDD: 0 T Davis: 58/55 Td: 51
 \$HDD: 0 mmts: 75/53/57
 CDD: 1
 \$CDD: 110
 \$PCNL: 1.59"
 \$PCNs: Trace (Chair) 8-12-11

F: 70 Tunv: 61/59 Tw: 61.5
 HDD: 0 T Davis: 63/62 Td: 60
 \$HDD: 0 mmts: 78/57/62
 CDD: 5
 \$CDD: 115
 \$PCNL: 1.59"
 \$PCNs: Trace (Chair)
 \$ PIN: Average (mail) 8-13-11

F: 70 Tunv: 70/66 Tw: N/A
 HDD: 0 T Davis: 70/70 Td: 71
 \$HDD: 0 mmts: 76/61/69
 CDD: 5
 \$CDD: 120
 \$PCNL: 1.61"
 \$PCNs: Trace (Chair)

F: 70 Tunv: 63/63 Tw: 63.5
 HDD: 0 T Davis: 64/64 Td: 63.5
 \$HDD: 0 mmts: 76/61/63
 CDD: 5
 \$CDD: 126
 \$PCNL: 3.52"
 \$PCNs: Trace (Chair) 8-15-11

F: 69 Tunv: 66/61 Tw: 63
 HDD: 0 T Davis: 66/65 Td: 61.5
 \$HDD: 0 mmts: 72/62/66
 CDD: 4
 \$CDD: 130
 \$PCNL: 3.63"
 \$PCNs: T (Chair) 8-16-11

F: 70 Tunv: 59/57 Tw: 59
 HDD: 0 T Davis: 61/60 Td: 58.5
 \$HDD: 0 mmts: 81/57/59
 CDD: 5
 \$CDD: 135
 \$PCNL: 3.63"
 \$PCNs: T (Chair) 8-17-11

F: 72 Tunv: 64/63 Tw: 63
 HDD: 0 T Davis: 66/66 Td: 62
 \$HDD: 0 mmts: 82/59/64
 CDD: 7
 \$CDD: 142
 \$PCNL: 3.63"
 \$PCNs: T (Chair) 8-18-11

F: 73 Tunv: 68/65 Tw: 60
 HDD: 0 T Davis: 61/61 Td: 58
 \$HDD: 0 mmts: 82/61/63
 CDD: 8
 \$CDD: 150
 \$PCNL: 3.63"
 \$PCNs: T (Chair) 8/19/11

F: 69 Tunv: 59/59 Tw: 60
 HDD: 0 T Davis: 59/59 Td: 59
 \$HDD: 0 mmts: 78/59/60
 CDD: 4
 \$CDD: 154
 \$PCNL: 3.79
 \$PCNs: T (Chair) 8/20/11

T: 72
HDD: 0
Σ HDD: 0
CDD: 17
Σ CDD: 161
T_{UNV}: 64/63
T_{DAYS}: 67/67
M_{MTS}: 82/60/66
T_W: 63
T_D: 60

T: 71
HDD: 0
Σ HDD: 0
CDD: 0
Σ CDD: 107
T_{UNV}:
T_{DAYS}: 102/57
M_{MTS}: 79/101/101
T_W: 57
T_D: 54

Σ PCNL: 3.79"
Σ PCNS: T (Mail)

Σ PCNL: 5.14"
Σ PCNS: T (Mail)
8/22/11

T: 63
HDD: 2
Σ HDD: 2
CDD: 0
Σ CDD: 167
T_{UNV}: 55/54
T_{DAYS}: 55/53
M_{MTS}: 72/52/54
T_W: 53
T_D: 50

T: 66
HDD: 0
Σ HDD: 2
CDD: 1
Σ CDD: 168
T_{UNV}: 63/54
T_{DAYS}: 64/58
M_{MTS}: 76/54/64
T_W: 59°
T_D: 56°

8/23/11

Σ PCNL: 5.14"
Σ PCNS: T (Mail)

Σ PCNL: 5.14"
Σ PCNS: T (Mail)

8/24/11

T: 57
HDD: 0
Σ HDD: 2
CDD: 7
Σ CDD: 175
T_{UNV}: 66/64
T_{DAYS}: 67/67
M_{MTS}: 78/66/66
T_W: 69
T_D: 68

T: 70
HDD: 0
Σ HDD: 0
CDD: 5
Σ CDD: 180
T_{UNV}: 59/59
T_{DAYS}: 101/59
M_{MTS}: 79/59/100
T_W: 64
T_D: 58

Σ PCNL: 5.74
Σ PCNS: T (Mail)

Σ PCNL: 5.91"
Σ PCNS: T (Mail)
8/26/11

T: 70
HDD: 0
Σ HDD: 0
CDD: 5
Σ CDD: 185
T_{UNV}: 64/64
T_{DAYS}: 65/65
M_{MTS}: 79/100/64
T_W: 65
T_D: 65

T: 72
CDD: 7
Σ CDD: 192
HDD: 0
Σ HDD: 2
T_{UNV}: 66/63
T_{DAYS}: 66/66
M_{MTS}: 77/64/65
T_W: 63
T_D: 64

Σ PCNL: 5.91"
Σ PCNS: T (Mail)
8/27/11

Σ PCNL: 6.47"
Σ PCNS: T (Mail)
8/28/11

T: 62
CDD: 0
Σ CDD: 2
HDD: 3
Σ HDD: 5
T_{UNV}: 52/50
T_{DAYS}: 54/54
M_{MTS}: 73/49/52
T_W: 50
T_D: 48

T: 62
CDD: 0
Σ CDD: 192
HDD: 3
Σ HDD: 8
T_{UNV}: 50/50
T_{DAYS}: 53/53
M_{MTS}: 70/50/52
T_W: 57
T_D: 52

Σ PCNL: 6.59"
Σ PCNS: T (Mail)

8/30/11

Σ PCNL: 6.59"
Σ PCNS: T (Mail)
8/29/11

August 31, 2011 WED 0630A
0700 EST

Meteorological Observatory
University Park, PA
General Obs.

*OUNT LOW: 57

Temp.		Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —		Temp 75 °F			
Min. 53 °F	Vel. 0 m.p.h.		Read. 29.01 in.			
Set 57 °F	Char. CALM		Corr. 28.94 in.			
R.H. 100 %	24 hr. Mov. — mi.		Sea L. 30.29 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —		3 hr. Tend. .027 mb	Clds. 4/10 CR	Clds. 8/10	Clds. Cu. 10/10
			Observer AK	Wx Sunny	Wx CALM	Wx FAIR
Ppn. Sol. 0.0 in.	Snow Depth 0 in.			Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.

T: 66

CDP: ↑

Σ CDD: 193

HDD: 6

Σ HDD: 8

Σ PNL: 6.5K

Σ PCNs: T(hall)

TUNV: 54/54

T PAVS: 58/58

MMTS: 76/52/57

TW: 56
TD: 56

AUGUST 2015

T_{max}: 79.4°F

T_{min}: 62.0°F

T_{ave}: 70.66°F

8/31/11