

Sunday September 1, 2013 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. —	Temp 76 °F	Occl - RA 2110-2310		
Min. 71 °F	Vel. 0 m.p.h.	Read. 28.69 in.	0700	1300	1900
Set 72 °F	Char: —	Corr. 28.56 in.	Clds. 5+ 10/10	Clds. —	Clds. cu, st. 7/10
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 29.89 in.	Wx —	Wx —	Wx —
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx HZ	Wx —	Wx HZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM	Vis. ~14 mi.	Vis. — mi.	Vis. ~10 mi.

Monday September 2, 2013 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. —	Temp 76 °F	* ONVT LOW: 63°F		
Min. 69 °F	Vel. 0 m.p.h.	Read. 28.88 in.	0700	1300	1900
Set 70 °F	Char: Calm	Corr. 28.54 in.	Clds. Cs 9/10	Clds. Cu. 7/10	Clds. Ni, St. 9/10
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 29.83 in.	Wx Wx	Wx Wx	Wx Wx
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -10 mb	Wx HZ	Wx HZ	Wx -TSRA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. ~17 mi.	Vis. ~17 mi.	Vis. ~15 mi.

Tuesday Sept. 3, 2013 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. W	Temp 74 °F	1900-1900 RA, +RA 1900-1930, 2145-2200-RA		
Min. 61 °F	Vel. 4 m.p.h.	Read. 28.63 in.	0700	1300	1900
Set 63 °F	Char: Very Light	Corr. 28.50 in.	Clds. —	Clds. —	Clds. Sc, Cu 8/10
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.81 in.	Wx Wx	Wx Wx	Wx —
Ppn. Liq. 0.64 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DRB	Vis. ~15 mi.	Vis. — mi.	Vis. -17 mi.

Wednesday, Sept. 4, 2013 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. W	Temp 75 °F	* ONVT LOW: 64		
Min. 56 °F	Vel. 1 m.p.h.	Read. 28.92 in.	0700	1300	1900
Set 60 °F	Char: Light	Corr. 28.79 in.	Clds. St, Cu 5/10	Clds. Cu. 3/10	Clds. — 0/10
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Wx Wx	Wx —	Wx Wx
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx —	Wx —	Wx Wx
Ppn. Sol. 6.0 in.	Snow Depth 0 in.	Observer DRD	Vis. ~17 mi.	Vis. ~25 mi.	Vis. 25 mi.

Thursday, Sept 5, 2013 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. W	Temp 74 °F	* ONVT LOW: 62		
Min. 60 °F	Vel. 4 m.p.h.	Read. 28.95 in.	0700	1300	1900
Set 65 °F	Char: Steady	Corr. 28.62 in.	Clds. Ni, St. 10/10	Clds. Sc, Cu 1/10	Clds. Cu 1/10
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Wx Wx	Wx —	Wx —
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HEW	Vis. ~15 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Friday September 6, 2013 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. —	Temp 73 °F	* ONVT LOW: 63°F		
Min. 46 °F	Vel. 0 m.p.h.	Read. 29.12 in.	0700	1300	1900
Set 48 °F	Char: Calm	Corr. 28.99 in.	Clds. Cu 1/10	Clds. — 0/10	Clds. Cu 4/10
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.37 in.	Wx Wx	Wx —	Wx Wx
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP	Vis. ~17 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Saturday September 7, 2013 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 68 °F	Dir. —	Temp 73 °F	* ONVT LOW: 63°F		
Min. 48 °F	Vel. 0 m.p.h.	Read. 28.96 in.	0700	1300	1900
Set 50 °F	Char: —	Corr. 28.81 in.	Clds. Cs 1/10	Clds. —	Clds. Cs 6/10
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Wx Wx	Wx Wx	Wx —
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM	Vis. ~25 mi.	Vis. — mi.	Vis. ~25 mi.

Sunday September 8, 2013 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. —	Temp 76 °F	* ONVT LOW: 63°F		
Min. 50 °F	Vel. 0 m.p.h.	Read. 28.78 in.	0700	1300	1900
Set 66 °F	Char: Calm	Corr. 28.61 in.	Clds. Cs 6/10	Clds. —	Clds. Cs 4/10
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Wx Wx	Wx Wx	Wx Wx
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -10 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. ~20 mi.	Vis. — mi.	Vis. ~25 mi.

Monday September 9, 2013 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. —	Temp 74 °F	* ONVT LOW: 64		
Min. 49 °F	Vel. 0 m.p.h.	Read. 29.04 in.	0700	1300	1900
Set 50 °F	Char: Calm	Corr. 28.91 in.	Clds. Cs 8/10	Clds. Cs 7/10	Clds. St, Cu 10/10
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	Wx Wx	Wx —	Wx Wx
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx —	Wx —	Wx Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. ~25 mi.	Vis. ~17 mi.	Vis. ~17 mi.

Tuesday, Sept. 10, 2013 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. —	Temp 74 °F	* ONVT LOW: 64		
Min. 50 °F	Vel. 0 m.p.h.	Read. 28.99 in.	0700	1300	1900
Set 64 °F	Char: Calm	Corr. 28.86 in.	Clds. Cs 9/10	Clds. —	Clds. Ac 2/10
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Wx Wx	Wx Wx	Wx Wx
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0 mb	Wx —	Wx —	Wx HZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DRB	Vis. ~25 mi.	Vis. — mi.	Vis. ~6 mi.

T: 78 T_{Davis}: 71/71 T_w: 69 T_{Davis}: 69/69 T_w: 67
 HDD: 0 T_{uv}: 70/68 T_{uv}: 70/66 T_{uv}: 70/66 T_o: 68
 ΣHDD: 0 MMTS: 85/69/71 MMTS: 81/67/69
 CDD: 13 ΣCDD: 23
 ΣCDD: 13

ΣPCN_L: 0.00
 ΣPCN_S: 0.00
 9/1/13
 9/2/13

T: 73 T_{Davis}: 64/61 T_w: 61 T_{Davis}: 60/59 T_w: 56
 HDD: 0 T_{uv}: 63/61 T_{uv}: 61/57 T_{uv}: 61/57 T_o: 53
 ΣHDD: 0 MMTS: 85/59/60 MMTS: 69/55/59
 CDD: 8 ΣCDD: 31
 ΣCDD: 31

ΣPCN_L: 0.64"
 ΣPCN_S: 0.0"
 9/3/13
 9/4/13

T: 68 T_{Davis}: 64/62 T_w: 60 T_{Davis}: 48/48 T_w: 46
 HDD: 6 T_{uv}: 64/67 T_{uv}: 46/45 T_{uv}: 46/45 T_o: 43
 ΣHDD: 2 MMTS: 76/59/63 MMTS: 74/43/47
 CDD: 3 ΣCDD: 34
 ΣCDD: 34

ΣPCN_L: 0.84"
 ΣPCN_S: 6.0"
 9/5/13
 9/6/13

T: 58 T_{Davis}: 49/47 T_w: 45 T_{Davis}: 65/64 T_w: 61
 HDD: 7 T_{uv}: 45/43 T_{uv}: 66/57 T_{uv}: 66/57 T_o: 58
 ΣHDD: 14 MMTS: 68/46/47 MMTS: 78/47/65
 CDD: 0 ΣCDD: 34
 ΣCDD: 34

ΣPCN_L: 0.64"
 ΣPCN_S: 0.0
 9/7/13
 9/8/13

T: 62 T_{Davis}: 50/49 T_w: 45 T_{Davis}: 63/63 T_w: 61
 HDD: 3 T_{uv}: 48/46 T_{uv}: 63/61 T_{uv}: 63/61 T_o: 59
 ΣHDD: 18 MMTS: 75/47/48 MMTS: 70/48/62
 CDD: 0 ΣCDD: 34
 ΣCDD: 34

ΣPCN_L: 0.64"
 ΣPCN_S: 0.00
 9/9/13
 9/10/13

Wednesday, Sept. 11, 2013
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 90 °F	Dir. SW	76 °F	76 °F	74 °F	91 °F
Min. 64 * °F	Vel. 1 m.p.h.	Read. 29.01 in.	Read. 29.01 in.	Char: light	Vel. 2 m.p.h.
Set	Char:	Corr.	Corr.	28.87 in.	29.01 in.
				0.00 in.	0.00 in.
				0.0 in.	0.0 in.
				0.0 in.	0.0 in.

General Obs. *COUNT LOW: 73

0700	1300	1900
Clds. Ac	Clds. r/s/cb	Clds. r/s, 9/10 cu
Wx HZ	Wx +TSA	Wx Bc, HZ
Vis. 1-2 mi.	Vis. ~2 mi.	Vis. ~8 mi.

Friday September 13, 2013
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 82 °F	Dir. M	74 °F	74 °F	84 °F	59 °F
Min. 58 °F	Vel. M m.p.h.	Read. 28.68 in.	Read. 28.68 in.	Char: M	Vel. M
Set	Char:	Corr.	Corr.	28.55 in.	28.68 in.
				0.14 in.	0.14 in.
				0.0 in.	0.0 in.
				0.0 in.	0.0 in.

General Obs. TSPA/RA+ 1410-1422
-RA 1855-1905
-RA 2205-2210
-RA 0415-0455

0700	1300	1900
Clds. ST	Clds. ST	Clds. Cu
Wx ST	Wx 8/10 cu	Wx 3/10
Vis. ~7 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Sunday September 15, 2013
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 44 °F	Dir. —	73 °F	73 °F	44 °F	41 °F
Min. 44 °F	Vel. 0 m.p.h.	Read. 29.05 in.	Read. 29.05 in.	Char: Calm	Vel. 2 m.p.h.
Set	Char:	Corr.	Corr.	28.92 in.	29.05 in.
				0.00 in.	0.00 in.
				0.0 in.	0.0 in.
				0.0 in.	0.0 in.

General Obs. *COUNT LOW: 56 °F
-RA 0316-0604 LT
-RA 0655-0703 LT
-RA 0719-0800 LT

0700	1300	1900
Clds. CI	Clds. Wx	Clds. Wx
Wx —	Wx —	Wx —
Vis. ~20 mi.	Vis. —	Vis. —

Tues. Sept. 17, 2013
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 67 °F	Dir. N	72 °F	72 °F	71 °F	44 °F
Min. 41 °F	Vel. 2 m.p.h.	Read. 29.16 in.	Read. 29.16 in.	Char: Very Light	Vel. 2 m.p.h.
Set	Char:	Corr.	Corr.	29.05 in.	29.16 in.
				0.00 in.	0.00 in.
				0.0 in.	0.0 in.
				0.0 in.	0.0 in.

General Obs. *COUNT LOW: 53

0700	1300	1900
Clds. DRB	Clds. DRB	Clds. DRB
Wx —	Wx —	Wx —
Vis. ~20 mi.	Vis. ~20 mi.	Vis. ~20 mi.

Thursday, Sept. 19, 2013
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 69 °F	Dir. NW	72 °F	72 °F	69 °F	44 °F
Min. 44 °F	Vel. 2 m.p.h.	Read. 29.05 in.	Read. 29.05 in.	Char: Light	Vel. 2 m.p.h.
Set	Char:	Corr.	Corr.	28.92 in.	29.05 in.
				0.00 in.	0.00 in.
				0.0 in.	0.0 in.
				0.0 in.	0.0 in.

General Obs. *COUNT LOW: 53

0700	1300	1900
Clds. At, St	Clds. Cu	Clds. St, Cu
Wx Chilly	Wx Haze	Wx —
Vis. 20 mi.	Vis. ~12 mi.	Vis. ~7 mi.

Thursday, Sept 12, 2013
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 87 °F	Dir. M	75 °F	75 °F	68 °F	46 °F
Min. 67 °F	Vel. M m.p.h.	Read. 28.84 in.	Read. 28.84 in.	Char: M	Vel. M m.p.h.
Set	Char:	Corr.	Corr.	28.74 in.	28.84 in.
				0.42 in.	0.42 in.
				0.0 in.	0.0 in.
				0.0 in.	0.0 in.

General Obs. TSPA/RA+ 1348-1505
TSPA/RA+ 1520-1615
-RA 1815-1830

0700	1300	1900
Clds. ST	Clds. Max	Clds. ST
Wx Fog, Humid	Wx Gusts	Wx —
Vis. 1-2 mi.	Vis. ~14 mi.	Vis. ~20 mi.

Saturday September 14, 2013
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 65 °F	Dir. —	72 °F	72 °F	65 °F	50 °F
Min. 50 °F	Vel. 0 m.p.h.	Read. 28.90 in.	Read. 28.90 in.	Char: —	Vel. 0 m.p.h.
Set	Char:	Corr.	Corr.	28.78 in.	28.90 in.
				0.00 in.	0.00 in.
				0.0 in.	0.0 in.
				0.0 in.	0.0 in.

General Obs. *COUNT LOW: 56 °F
-RA 0316-0604 LT
-RA 0655-0703 LT
-RA 0719-0800 LT

0700	1300	1900
Clds. ST	Clds. ST	Clds. ST
Wx —	Wx —	Wx —
Vis. ~25 mi.	Vis. —	Vis. —

Monday September 16, 2013
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 69 °F	Dir. —	73 °F	73 °F	69 °F	47 * °F
Min. 47 * °F	Vel. 0 m.p.h.	Read. 28.99 in.	Read. 28.99 in.	Char: Calm	Vel. 0 m.p.h.
Set	Char:	Corr.	Corr.	28.86 in.	28.99 in.
				0.09 in.	0.09 in.
				0.0 in.	0.0 in.
				0.0 in.	0.0 in.

General Obs. *COUNT LOW: 53

0700	1300	1900
Clds. ST	Clds. ST	Clds. ST
Wx —	Wx —	Wx —
Vis. ~10 mi.	Vis. ~17 mi.	Vis. ~20 mi.

Wednesday, Sept. 18, 2013
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 63 °F	Dir. —	72 °F	72 °F	42 °F	44 °F
Min. 42 °F	Vel. — m.p.h.	Read. 29.13 in.	Read. 29.13 in.	Char: Calm	Vel. — m.p.h.
Set	Char:	Corr.	Corr.	29.01 in.	29.13 in.
				0.00 in.	0.00 in.
				0.0 in.	0.0 in.
				0.0 in.	0.0 in.

General Obs. *COUNT LOW: 53

0700	1300	1900
Clds. DRD	Clds. AS	Clds. ST
Wx —	Wx —	Wx —
Vis. ~20 mi.	Vis. ~25 mi.	Vis. ~15 mi.

Friday September 20, 2013
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 74 °F	Dir. —	74 °F	74 °F	53 °F	46 °F
Min. 46 °F	Vel. 0 m.p.h.	Read. 28.93 in.	Read. 28.93 in.	Char: Calm	Vel. 0 m.p.h.
Set	Char:	Corr.	Corr.	28.80 in.	28.93 in.
				0.00 in.	0.00 in.
				0.0 in.	0.0 in.
				0.0 in.	0.0 in.

General Obs. *COUNT LOW: 53

0700	1300	1900
Clds. DRD	Clds. Cu	Clds. ST
Wx Fog	Wx —	Wx —
Vis. ~18 mi.	Vis. ~25 mi.	Vis. ~25 mi.

T: 77 T Davis: 73/73 Tw: 72
 HDD: 0 Tunv: 73/70 T_b: 71
 ΣHDD: 22 MMTS: 90/62/73
 CDD: 12
 ΣCDD: 46

T: 77 T Davis: M/M Tw: 67
 HDD: 0 Tunv: 66/66 T_b: 67
 ΣHDD: 22 MMTS: 87/65/66
 CDD: 12
 ΣCDD: 58

Σ PCNL: 0.64"
 Σ PCNS: 0.0"

Σ PCNL: 1.06
 Σ PCNS: 0.0"

T: 70 T Davis: M/M Tw: 56
 HDD: 0 Tunv: 59/54 T_b: 54
 ΣHDD: 22 MMTS: 82/57/58
 CDD: 5
 ΣCDD: 63

T: 58 T Davis: M Tw: 45
 HDD: 7 Tunv: 50/43 T_b: 39
 ΣHDD: 29 MMTS: 65/48/49
 CDD: 0
 ΣCDD: 63

Σ PCNL: 1.20
 Σ PCNS: 0.0

Σ PCNL: 1.20
 Σ PCNS: 0.0

T: 54 T Davis: M/M Tw: 44
 HDD: 11 Tunv: 41/41 T_b: 41
 ΣHDD: 40 MMTS: 63/41/45
 CDD: 0
 ΣCDD: 63

T: 58 T Davis: M/M Tw: 54
 HDD: 7 Tunv: 55/54 T_b: 53
 ΣHDD: 47 MMTS: 69/45/54
 CDD: 0
 ΣCDD: 63

Σ PCNL: 1.20
 Σ PCNS: 0.06

Σ PCNL: 1.29
 Σ PCNS: 0.00

T: 54 T Davis: M/M Tw: 44
 HDD: 11 Tunv: 41/37 T_b: 37
 ΣHDD: 58 MMTS: 67/38/41
 CDD: 0
 ΣCDD: 63

T: 53 T Davis: 46/39 Tw: 41
 HDD: 12 Tunv: 39/37 T_b: 38
 ΣHDD: 70 MMTS: 63/39/41
 CDD: 0
 ΣCDD: 63

Σ PCNL: 1.29"
 Σ PCNS: 0.0"

Σ PCNL: 1.29"
 Σ PCNS: 0.0"

T: 57 T Davis: 46/43 Tw: 44
 HDD: 8 Tunv: 45/43 T_b: 41
 ΣHDD: 78 MMTS: 68/39/44
 CDD: 0
 ΣCDD: 63

T: 60 T Davis: M/M Tw: 53
 HDD: 5 Tunv: 52/52/ T_b: 53
 ΣHDD: 83 MMTS: 73/44/51
 CDD: 0
 ΣCDD: 63

Σ PCNL: 1.29"
 Σ PCNS: 0.0"

Σ PCNL: 1.29"
 Σ PCNS: 0.0"

9/19/13

9/20/13

9/17/13

9/18/2013

9/15/13

9/14/13

9/13/13

9/14/13

9/12/13

Saturday, September 21, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	*OWN LOW: 65 061-RA, -DE 0530-0300		
Max. 77 °F	Dir. —	Temp 75 °F	0700	1300	1900
Min. 53* °F	Vel. —	Read. 28.66 in.	Clds. 10/10 st	Clds. —	Clds. 5+
Set 65 °F	Char. —	Corr. 28.53 in.	Wx —	Wx —	Wx —
R.H. 90 %	24 hr. Mov. —	Sea L. 29.86 in.	Wx -RA	Wx —	Wx —
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. 1-2 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM	Vis. ~5 mi.	Vis. —	Vis. ~10 mi.

Sunday, September 22, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	-RA, RA (Occ) 0800-1105 LT -RA, +RA 1316-1955 LT -DZ, DZ 2143-2158 LT		
Max. 65 °F	Dir. —	Temp 73 °F	0700	1300	1900
Min. 52 °F	Vel. —	Read. 28.71 in.	Clds. 5+	Clds. —	Clds. 7/10
Set 55 °F	Char. Calm	Corr. 28.58 in.	Wx —	Wx —	Wx —
R.H. 78 %	24 hr. Mov. —	Sea L. 29.91 in.	Wx 9/10 cu.	Wx —	Wx —
Ppn. Liq. 0.79 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5TH	Vis. ~20 mi.	Vis. —	Vis. ~15 mi.

Monday, September 23, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	OWN LOW: 45		
Max. 69 °F	Dir. N	Temp 72 °F	0700	1300	1900
Min. 48 °F	Vel. 4 m.p.h.	Read. 28.94 in.	Clds. 10/10 cu.	Clds. 3/10 Ac.	Clds. 0/10
Set 49 °F	Char. Light	Corr. 28.81 in.	Wx —	Wx —	Wx —
R.H. 68 %	24 hr. Mov. —	Sea L. 30.17 in.	Wx —	Wx —	Wx —
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5TH	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Tuesday, Sept. 24, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	OWN LOW: 48°F		
Max. 61 °F	Dir. —	Temp 70 °F	0700	1300	1900
Min. 39 °F	Vel. 0 m.p.h.	Read. 28.86 in.	Clds. 0/10	Clds. 0/10	Clds. 0/10
Set 41 °F	Char. Calm	Corr. 28.74 in.	Wx —	Wx —	Wx —
R.H. 76 %	24 hr. Mov. —	Sea L. 30.12 in.	Wx —	Wx —	Wx —
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +.4 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DRB	Vis. ~6 EN ~10 SW	Vis. ~20 mi.	Vis. ~25 mi.

Wednesday, September 25, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	OWN LOW: 45		
Max. 69 °F	Dir. —	Temp 72 °F	0700	1300	1900
Min. 41* °F	Vel. 0 m.p.h.	Read. 28.85 in.	Clds. 7/10 cu.	Clds. 7/10 cu	Clds. 2/10 Ac st
Set 45 °F	Char. Calm	Corr. 28.73 in.	Wx —	Wx —	Wx —
R.H. 86 %	24 hr. Mov. —	Sea L. 30.09 in.	Wx —	Wx —	Wx —
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.15 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer DRD	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~15 mi.

Thursday, Sept 26, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	OWN LOW: 48°F		
Max. 69 °F	Dir. —	Temp 72 °F	0700	1300	1900
Min. 44 °F	Vel. 6 m.p.h.	Read. 28.90 in.	Clds. 2/10 cu	Clds. 9/10 cu	Clds. 3/10 cu
Set 46 °F	Char. Calm	Corr. 28.77 in.	Wx valley fog	Wx —	Wx —
R.H. 82 %	24 hr. Mov. —	Sea L. 30.27 in.	Wx —	Wx —	Wx —
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.3 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HELD	Vis. ~20 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Friday, September 27, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	*OWN LOW: 55		
Max. 71 °F	Dir. NE	Temp 73 °F	0700	1300	1900
Min. 46* °F	Vel. 5 m.p.h.	Read. 28.94 in.	Clds. 8/10 st cu	Clds. 7/10 cu	Clds. 6/10 cu
Set 55 °F	Char. —	Corr. 28.81 in.	Wx Breezy	Wx —	Wx —
R.H. 83 %	24 hr. Mov. —	Sea L. 30.15 in.	Wx —	Wx —	Wx —
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +3.5 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP	Vis. ~12 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Saturday, September 28, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	OWN LOW: 48°F		
Max. 69 °F	Dir. ESE	Temp 73 °F	0700	1300	1900
Min. 45* °F	Vel. 3 m.p.h.	Read. 28.93 in.	Clds. 5+	Clds. 5/10 cu	Clds. 5/10 cu
Set 49 °F	Char. Light	Corr. 28.80 in.	Wx FG	Wx —	Wx —
R.H. 87 %	24 hr. Mov. —	Sea L. 30.16 in.	Wx —	Wx —	Wx —
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5TH	Vis. ~20 mi.	Vis. ~17 mi.	Vis. ~20 mi.

Sunday, September 29, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	OWN LOW: 48°F		
Max. 65 °F	Dir. —	Temp 71 °F	0700	1300	1900
Min. 44 °F	Vel. 0 m.p.h.	Read. 29.04 in.	Clds. 10/10	Clds. 5/10 cu	Clds. 2/10
Set 45 °F	Char. Calm	Corr. 28.92 in.	Wx FG	Wx —	Wx —
R.H. 86 %	24 hr. Mov. —	Sea L. 30.30 in.	Wx —	Wx —	Wx —
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5TH	Vis. ~20.25 mi.	Vis. —	Vis. 15 mi.

Monday, September 30, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	OWN LOW: 48°F		
Max. 69 °F	Dir. ESE	Temp 73 °F	0700	1300	1900
Min. 45* °F	Vel. 3 m.p.h.	Read. 28.93 in.	Clds. 6/10	Clds. 5/10 cu	Clds. 5/10 cu
Set 49 °F	Char. Light	Corr. 28.80 in.	Wx —	Wx —	Wx —
R.H. 87 %	24 hr. Mov. —	Sea L. 30.16 in.	Wx —	Wx —	Wx —
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5TH	Vis. ~20 mi.	Vis. ~17 mi.	Vis. ~20 mi.

T: 65 T_{avis}: M/M T_w: 43
 HDD: 0 T_{unv}: 64/61 T_d: 62
 ΣHDD: 83 MMTS: 77/51/63
 COD: 0
 ΣCOD: 63

T: 59 T_{avis}: M/M T_w: 51
 HDD: 6 T_{unv}: 54/52 T_d: 48
 ΣHDD: 89 MMTS: 63/51/54
 COD: 0
 ΣCOD: 63

ΣPCNL: 1.32
 ΣPCNL: 0.0
 9/24/13

ΣPCNL: 2.11
 ΣPCNL: 0.00
 9/22/13

T: 64 T_{avis}: M/M T_w: 44
 HDD: 11 T_{unv}: 48/37 T_d: 39
 ΣHDD: 100 MMTS: 60/47/47
 COD: 0
 ΣCOD: 63

T: 50 T_{avis}: T_w: 38
 HDD: 15 T_{unv}: 39/39 T_d: 34
 ΣHDD: 215 MMTS: 60/37/38
 COD: 0
 ΣCOD: 63

ΣPCNL: 2.11
 ΣPCNL: 0.00
 9/23/13

ΣPCNL: 2.14
 ΣPCNL: 0.0
 9/24/13

T: 55 T_{avis}: 63/42 T_w: 43
 HDD: 16 T_{unv}: 41/41 T_d: 41
 ΣHDD: 125 MMTS: 69/39/42
 COD: 0
 ΣCOD: 63

T: 57 T_{avis}: 43/43 T_w: 44
 HDD: 8 T_{unv}: 45/43 T_d: 42
 ΣHDD: 133 MMTS: 69/42/43
 COD: 0
 ΣCOD: 63

ΣPCNL: 2.11
 ΣPCNL: 0.0
 9/25/2013

ΣPCNL: 2.11
 ΣPCNL: 0.0
 9/26/13

T: 59 T_{avis}: 55/50 T_w: 52
 HDD: 6 T_{unv}: 54/50 T_d: 50
 ΣHDD: 139 MMTS: 70/43/53
 COD: 0
 ΣCOD: 63

T: 59 T_{avis}: 50/50 T_w: 48
 HDD: 6 T_{unv}: 46/45 T_d: 46
 ΣHDD: 145 MMTS: 69/47/46
 COD: 0
 ΣCOD: 63

ΣPCNL: 2.11
 ΣPCNL: 0.0
 9/27/13

ΣPCNL: 2.11
 ΣPCNL: 0.0
 9/28/13

T: 55 T_{avis}: M/M T_w: 43
 HDD: 10 T_{unv}: 45/45 T_d: 41
 ΣHDD: 155 MMTS: 64/42/43
 COD: 0
 ΣCOD: 63

T: 57 T_{avis}: 49/46 T_w: 47
 HDD: 8 T_{unv}: 46/45 T_d: 45
 ΣHDD: 163 MMTS: 68/43/47
 COD: 0
 ΣCOD: 63

ΣPCNL: 2.11
 ΣPCNL: 0.00
 9/29/13

ΣPCNL: 2.11
 ΣPCNL: 0.00
 9/30/13

SEPT. TEMPS.
 T_{max}: 72.2°F
 T_{min}: 50.8°F
 T_{sep}: 61.48°F
 117-yr: -1.19°F