

Saturday June 1, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 88 °F	Dir. —	Temp 76 °F	Read. 28.93 in.	Corr. —	Clds. 5+	Clds. —	Clds. Cu
Min. 67 °F	Vel. 0 m.p.h.	Read. 28.93 in.	Char. —	Corr. —	Wx —	Wx —	Wx —
Set 72 °F	Char. calm	Corr. —	Observer JLM	Observer JLM	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 30.23 in.					
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — mb					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLM					

Sunday June 2, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 87 °F	Dir. —	Temp 76 °F	Read. 28.73 in.	Corr. —	Clds. 5+	Clds. —	Clds. Cu
Min. 72 °F	Vel. 0 m.p.h.	Read. 28.73 in.	Char. calm	Corr. —	Wx —	Wx —	Wx —
Set 75 °F	Char. calm	Corr. —	Observer JLM	Observer JLM	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.02 in.					
Ppn. Liq. 7 in.	Prev. Dir. —	3 hr. Tend. — mb					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLM					

Monday June 3, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 82 °F	Dir. NNW	Temp 77 °F	Read. 28.76 in.	Corr. —	Clds. —	Clds. —	Clds. F
Min. 64 °F	Vel. 3 m.p.h.	Read. 28.76 in.	Char. —	Corr. —	-RA 0900-1100	-RA 1115-1130	Wx —
Set 65 °F	Char. —	Corr. —	Observer TDP	Observer TDP	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 29.93 in.					
Ppn. Liq. 7 in.	Prev. Dir. —	3 hr. Tend. — mb					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP					

Tuesday June 4, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 73 °F	Dir. N	Temp 74 °F	Read. 28.96 in.	Corr. —	Clds. 0/10	Clds. Fcu	Clds. 5+
Min. 47 °F	Vel. 10 m.p.h.	Read. 28.96 in.	Char. Breezy	Corr. —	Wx —	Wx —	Wx —
Set 53 °F	Char. Breezy	Corr. —	Observer JLM	Observer JLM	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 30.16 in.					
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — mb					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLM					

Wednesday June 5, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 72 °F	Dir. —	Temp 75 °F	Read. 29.03 in.	Corr. —	Clds. 5/10	Clds. 2/10	Clds. Ci
Min. 51 °F	Vel. 0 m.p.h.	Read. 29.03 in.	Char. calm	Corr. —	Wx —	Wx —	Wx —
Set 56 °F	Char. calm	Corr. —	Observer JLM	Observer JLM	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.
R.H. 55 %	24 hr. Mov. — mi.	Sea L. 30.33 in.					
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — mb					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLM					

Thursday June 6, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 76 °F	Dir. SSE	Temp 75 °F	Read. 28.96 in.	Corr. —	Clds. 5+	Clds. 5+	Clds. Fcu
Min. 56 °F	Vel. 3 m.p.h.	Read. 28.96 in.	Char. Light	Corr. —	Wx —	Wx —	Wx —
Set 64 °F	Char. Light	Corr. —	Observer PTH	Observer PTH	Vis. ~17 mi.	Vis. ~7 mi.	Vis. ~7 mi.
R.H. 58 %	24 hr. Mov. — mi.	Sea L. 30.08 in.					
Ppn. Liq. 7 in.	Prev. Dir. —	3 hr. Tend. — mb					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH					

Friday June 7, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 64 °F	Dir. —	Temp 75 °F	Read. 28.66 in.	Corr. —	Clds. —	Clds. —	Clds. Fcu
Min. 60 °F	Vel. — m.p.h.	Read. 28.66 in.	Char. —	Corr. —	-RA	-RA	Wx —
Set 63 °F	Char. Calm	Corr. —	Observer PTH	Observer PTH	Vis. ~7 mi.	Vis. ~7 mi.	Vis. ~2 mi.
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 29.84 in.					
Ppn. Liq. 0.42 in.	Prev. Dir. —	3 hr. Tend. — mb					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH					

Saturday June 8, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 66 °F	Dir. W	Temp 75 °F	Read. 28.78 in.	Corr. —	Clds. 5+	Clds. 5+	Clds. Fcu
Min. 58 °F	Vel. 6 m.p.h.	Read. 28.78 in.	Char. Light	Corr. —	Wx —	Wx —	Wx —
Set 60 °F	Char. Light	Corr. —	Observer PTH	Observer PTH	Vis. ~20 mi.	Vis. ~20 mi.	Vis. ~25 mi.
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.97 in.					
Ppn. Liq. 7 in.	Prev. Dir. —	3 hr. Tend. — mb					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH					

Sunday June 9, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 69 °F	Dir. —	Temp 75 °F	Read. 28.93 in.	Corr. —	Clds. 5+	Clds. —	Clds. Ci
Min. 55 °F	Vel. 0 m.p.h.	Read. 28.93 in.	Char. —	Corr. —	Wx —	Wx —	Wx —
Set 58 °F	Char. —	Corr. —	Observer JLM	Observer JLM	Vis. ~10 mi.	Vis. ~10 mi.	Vis. ~10 mi.
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.36 in.					
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — mb					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLM					

Monday June 10, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 79 °F	Dir. —	Temp 76 °F	Read. 28.88 in.	Corr. —	Clds. 0/10	Clds. 0/10	Clds. 5+
Min. 58 °F	Vel. 0 m.p.h.	Read. 28.88 in.	Char. Calm	Corr. —	-RA	-RA	Wx —
Set 68 °F	Char. Calm	Corr. —	Observer TDP	Observer TDP	Vis. ~3 mi.	Vis. ~17 mi.	Vis. ~25 mi.
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.06 in.					
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. — mb					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP					

T: 78 T_{Days}: 72/69 T_w: 65 T₀: 62 T: 80 T_{Days}: 74/70 T_w: 68
 HDD: 0 T_{unv}: 73/63 HDD: 0 T₀: 65
 Σ HDD: 0 Σ HDD: 0
 CDD: 13 MMTS: 88/65/72 CDD: 15
 Σ CDD: 13 Σ CDD: 28

Σ PCNL: 0
 Σ PCNS: 0
 G/2/13
 Σ PCNL: 0
 Σ PCNS: 0
 G/2/13

T: 73 T_{Days}: 66/61 T_w: 61 T: 60 T_{Days}: 54/45 T_w: 47
 HDD: 0 T_{unv}: 64/55 T₀: 59 HDD: 5 T_{unv}: 50/39 T₀: 41
 Σ HDD: 0 MMTS: 81/62/64 Σ HDD: 5 MMTS: 73/44/52
 CDD: 8 CDD: 0
 Σ CDD: 36 Σ CDD: 36

Σ PCNL: T
 Σ PCNS: 0
 G/3/13
 Σ PCNL: T
 Σ PCNS: 0
 G/4/13

T: 62 T_{Days}: 58/49 T_w: 48 T: 66 T_{Days}: 63/51 T_w: 55
 HDD: 3 T_{unv}: 54/46 T₀: 40 HDD: 0 T_{unv}: 63/48 T₀: 49
 Σ HDD: 8 MMTS: 72/49/55 Σ HDD: 8 MMTS: 75/55/62
 CDD: 0 CDD: 1
 Σ CDD: 36 Σ CDD: 37

Σ PCNL: T
 Σ PCNS: 0
 G/5/13
 Σ PCNL: T
 Σ PCNS: 0.0
 G/6/13

T: 62 T_{Days}: 63/63 T_w: 61 T: 62 T_{Days}: 58/58 T_w: 57
 HDD: 3 T_{unv}: 63/61 T₀: 59 HDD: 3 T_{unv}: 59/57 T₀: 55
 Σ HDD: 11 MMTS: 62/58/61 Σ HDD: 14 MMTS: 65/57/58
 CDD: 0 CDD: 0
 Σ CDD: 37 Σ CDD: 37

Σ PCNL: 0.42
 Σ PCNS: 0.0
 G/7/13
 Σ PCNL: 0.42
 Σ PCNS: 0.0
 G/8/13

T: 62 T_{Days}: 58/57 T_w: 54 T: 69 T_{Days}: 67/67 T_w: 66
 HDD: 3 T_{unv}: 57/55 T₀: 51 HDD: 0 T_{unv}: 66/66 T₀: 65
 Σ HDD: 17 MMTS: 68/53/57 Σ HDD: 17 MMTS: 78/57/66
 CDD: 0 CDD: 4
 Σ CDD: 37 Σ CDD: 41

Σ PCNL: 0.42
 Σ PCNS: 0
 G/9/13
 Σ PCNL: 0.48
 Σ PCNS: 0
 G/10/13

Tuesday June 11, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. WSW	Temp 76 °F	-RA, DZ, +RA	0800-1400 LT	
Min. 63 °F	Vel. 5 m.p.h.	Read. 28.65 in.	-RA, RA, +RA	1830-2140 LT	
Set 65 °F	Char. caln	Corr. 28.52 in.	-RA, -DZ	0740-0800 LT	
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 29.43 in.	Clds. 0vc	9/10	st cu 9/10
Ppn. Liq. 0.75 in.	Prev. Dir. —	3 hr. Tend. -0 mb	Wx -DZ	—	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM	Vis. ~15 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Wednesday June 12, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp 75 °F	-DZ, -RA	0800-1830 LT	
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.76 in.	-DZ, -RA	1200-1215 LT	
Set 65 °F	Char. —	Corr. 28.63 in.	-RA	0720-0730 LT	
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. 5tcu	9/10	Clds. Fcu 9/10
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx —	—	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM	Vis. ~12 mi.	Vis. ~10 mi.	Vis. ~17 mi.

Thursday June 13, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. —	Temp 76 °F	-DZ, -RA	2205-2225 LT	
Min. 63 °F	Vel. 0 m.p.h.	Read. 28.45 in.	-RA	0052-0107 LT	
Set 65 °F	Char. Calm	Corr. 28.32 in.	-RA, +TSRA	0322-0347 LT	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.62 in.	-RA, +TSRA	0452-0732 LT	
Ppn. Liq. 0.90 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx —	—	Wx Breezy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5TH	Vis. ~20 mi.	Vis. ~20 mi.	Vis. ~25 mi.

Friday June 14, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp 75 °F	-RA	1207-1330 LT	
Min. 57 °F	Vel. 0 m.p.h.	Read. 28.73 in.	DZ, -RA	2300-2335 LT	
Set 59 °F	Char. Calm	Corr. 28.60 in.	Clds. 5tcu	8/10	Clds. Fcu 2/10
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Wx —	—	Wx —
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Vis. —	—	Vis. —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5TH	Vis. ~20 mi.	Vis. —	Vis. ~25 mi.

Saturday June 15, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp 76 °F	-RA	1651-1706 LT	
Min. 57 °F	Vel. 0 m.p.h.	Read. 28.96 in.	Clds. Ci	2/10	Clds. Fcu 2/10
Set 61 °F	Char. Calm	Corr. 28.82 in.	Wx —	—	Wx —
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Wx Hazy	—	Wx —
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +15 mb	Vis. ~10 mi.	Vis. —	Vis. ~25 mi.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5TH			

Sunday June 16, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. —	Temp 74 °F	-RA, -DZ	0255-0440 LT	
Min. 60 °F	Vel. 0 m.p.h.	Read. 28.80 in.	-RA, -DZ	0740-0800 LT	
Set 63 °F	Char. —	Corr. 28.68 in.	Clds. 5tcu	10/10	Clds. 5tcu 6/10
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.1 in.	Wx -RA	—	Wx —
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. 1-1 mb	Vis. ~15 mi.	Vis. —	Vis. ~17 mi.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM			

Monday June 17, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. WSW	Temp 77 °F	*OUNT LOW: 6/6 °F	0800-0910 LT	
Min. 62* °F	Vel. 4 m.p.h.	Read. 28.82 in.	-RA	1040-1055 LT	
Set 71 °F	Char. Light	Corr. 28.68 in.	-RA	1423-1503 LT	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	-RA	0139-0209 LT	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +0 mb	Clds. 5tcu	4/10	Clds. ci 6/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5TH	Wx Hazy	—	Wx —
			Vis. ~8 mi.	Vis. ~20 mi.	Vis. ~25 mi.

Tuesday June 18, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. —	Temp 76 °F	Clds. 5tcu	5tcu	Clds. 5tcu
Min. 63 °F	Vel. 0 m.p.h.	Read. 28.78 in.	Clds. 0vc	—	Clds. 9/10
Set 65 °F	Char. caln	Corr. 28.65 in.	Wx —	—	Wx -RA
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Vis. ~25 mi.	Vis. ~20 mi.	Vis. ~20 mi.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 0 mb			
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM			

Wednesday June 19, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. —	Temp 75 °F	-SHRA	2000-2030	
Min. 55 °F	Vel. 0 m.p.h.	Read. 28.92 in.	Clds. 5tcu	5tcu	Clds. 9/10
Set 51 °F	Char. caln	Corr. 28.80 in.	Wx —	—	Wx —
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +2 mb			
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM			

Thursday June 20, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp 75 °F	Clds. 5tcu	5tcu	Clds. 6/10
Min. 54 °F	Vel. 0 m.p.h.	Read. 29.13 in.	Wx —	—	Wx —
Set 58 °F	Char. Calm	Corr. 28.99 in.	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.34 in.			
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb			
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5TH			

T: 67
 T_{Davis}: 65/65
 T_{unv}: 64/63
 T₀: 62
 HDD: 0
 Σ HDD: 17
 CDD: 2
 Σ CDD: 43
 MMTS: 72/61/64

T: 68
 HDD: 0
 Σ HDD: 17
 CDD: 3
 Σ CDD: 46
 T_{Davis}: 64/64
 T_{unv}: 66/61
 T₀: 60
 MMTS: 74/60/63

Σ PCNL: 1.23
 Σ PCNS: 0
 6/11/13

Σ PCNL: 1.29
 Σ PCNS: 0

6/12/13

T: 71
 HDD: 0
 Σ HDD: 17
 CDD: 6
 Σ CDD: 54
 T_{Davis}: 63/63
 T_{unv}: 64/63
 MMTS: 78/62/63

T: 63
 T₀: 62
 T: 65
 HDD: 0
 Σ HDD: 17
 CDD: 6
 Σ CDD: 52

T: 54
 T₀: 50
 T_{Davis}: 60/58
 T_{unv}: 61/52
 MMTS: 73/56/58

Σ PCNL: 2.19
 Σ PCNS: 0
 6/13/13

Σ PCNL: 2.19
 Σ PCNS: 0

6/14/13

T: 65
 HDD: 0
 Σ HDD: 17
 CDD: 0
 Σ CDD: 52
 T_{Davis}: 61/61
 T_{unv}: 61/55
 MMTS: 73/55/66

T: 57
 T₀: 54
 T: 68
 HDD: 0
 Σ HDD: 17
 CDD: 3
 Σ CDD: 55

T: 57
 T₀: 53
 T_{Davis}: 61/56
 T_{unv}: 61/52
 MMTS: 75/59/60

Σ PCNL: 2.19
 Σ PCNS: 0
 6/15/13

Σ PCNL: 2.19
 Σ PCNS: 0

6/16/13

T: 69
 HDD: 0
 Σ HDD: 17
 CDD: 4
 Σ CDD: 59
 T_{Davis}: 70/69
 T_{unv}: 68/64
 MMTS: 72/59/69

T: 67
 T₀: 65
 T: 73
 HDD: 0
 Σ HDD: 17
 CDD: 8
 Σ CDD: 67

T: 59
 T₀: 55
 T_{Davis}: 66/64
 T_{unv}: 63/61
 MMTS: 82/61/68

Σ PCNL: 2.20
 Σ PCNS: 0.00
 6/17/13

Σ PCNL: 2.20
 Σ PCNS: 0

6/18/13

T: 65
 HDD: 0
 Σ HDD: 17
 CDD: 0
 Σ CDD: 67
 T_{Davis}: 58/53
 T_{unv}: 57/48
 MMTS: 75/54/56
 T₀: 46

T: 64
 HDD: 1
 Σ HDD: 18
 CDD: 0
 Σ CDD: 67

T: 53
 T₀: 50
 T_{Davis}: 60/56
 T_{unv}: 55/52
 MMTS: 72/62/57

Σ PCNL: 2.20
 Σ PCNS: 0
 6/19/13

Σ PCNL: 2.20
 Σ PCNS: 0.0

6/20/13

Friday June 21, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	* DINT LOW: 65°F		
Max. 80 °F	Dir. —	Temp 76 °F	Read. 29.12 in.	Corr. —	0700
Min. 58* °F	Vel. 0 m.p.h.	Sea L. —	Clds. Ci	1300	1900
Set 67 °F	Char. Calm	Corr. 28.98 in.	Clds. Cu	8/10	7/10
R.H. —	24 hr. Mov. — mi.	30.30 in.	Clds. Fcu	—	—
Ppn. Liq. 76 %	Prev. Dir. —	3 hr. Tend. —	Wx —	—	—
Ppn. Liq. 0.00 in.	Prev. Dir. —	+0 mb	Wx —	—	—
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. ~20 mi.	Vis. ~20 mi.	Vis. ~17 mi.

Saturday June 22, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.			
Max. 81 °F	Dir. S	Temp 76 °F	Read. 29.08 in.	Corr. —	0700
Min. 66 °F	Vel. 5 m.p.h.	Sea L. —	Clds. Ci	1300	1900
Set 70 °F	Char. Light	Corr. 28.94 in.	Clds. Ci	5/10	9/10
R.H. 69 %	24 hr. Mov. — mi.	30.25 in.	Clds. Cu	—	—
Ppn. Liq. 69 %	Prev. Dir. —	3 hr. Tend. —	Wx Wx	—	—
Ppn. Liq. 0.00 in.	Prev. Dir. —	+0.05 mb	Wx Hazy	—	—
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer PTH	Vis. ~17 mi.	Vis. —	Vis. ~25 mi.

Sunday June 23, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.			
Max. 85 °F	Dir. —	Temp 77 °F	Read. —	Corr. —	0700
Min. 68 °F	Vel. 0 m.p.h.	Sea L. —	Clds. Ci	1300	1900
Set 72 °F	Char. calm	Corr. 28.94 in.	Clds. Ci	—	—
R.H. 82 %	24 hr. Mov. — mi.	30.37 in.	Clds. Cu	2/10	9/10
Ppn. Liq. 82 %	Prev. Dir. —	3 hr. Tend. —	Wx Wx	—	—
Ppn. Liq. 0.00 in.	Prev. Dir. —	4.2 mb	Wx —	—	—
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. ~25 mi.	Vis. —	Vis. ~20 mi.

Monday June 24, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	- RA 1815 - 1930		
Max. 88 °F	Dir. —	Temp 78 °F	Read. 29.00 in.	Corr. —	0700
Min. 68 °F	Vel. 0 m.p.h.	Sea L. —	Clds. Ci	1300	1900
Set 71 °F	Char. calm	Corr. 28.86 in.	Clds. Ci	2/10	4/10
R.H. 91 %	24 hr. Mov. — mi.	30.17 in.	Clds. Cu	2/10	4/10
Ppn. Liq. 91 %	Prev. Dir. —	3 hr. Tend. —	Wx Wx	—	—
Ppn. Liq. 0.01 in.	Prev. Dir. —	5.0 mb	Wx Haze	—	—
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP	Vis. ~10 mi.	Vis. ~20 mi.	Vis. ~25 mi.

Tuesday June 25, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.			
Max. 89 °F	Dir. SW	Temp 77 °F	Read. 28.93 in.	Corr. —	0700
Min. 70 °F	Vel. 5 m.p.h.	Sea L. —	Clds. Ci	1300	1900
Set 73 °F	Char. calm	Corr. 27.63 in.	Clds. Cu	2/10	10/10
R.H. 79 %	24 hr. Mov. — mi.	30.23 in.	Clds. Cu	10/10	10/10
Ppn. Liq. 79 %	Prev. Dir. —	3 hr. Tend. —	Wx Wx	—	—
Ppn. Liq. 0.00 in.	Prev. Dir. —	4.5 mb	Wx Haze	—	—
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. ~15 mi.	Vis. ~20 mi.	Vis. ~20 mi.

Wednesday June 26, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Ocl - RA, RA, RA 1915 - 1930 +TR, RA, RA 1930 - 2230 Ocl - RA 0050 - 0730 PK GUST 38mph ~2000 LT		
Max. 84 °F	Dir. —	Temp 76 °F	Read. 28.69 in.	Corr. —	0700
Min. 65 °F	Vel. 0 m.p.h.	Sea L. —	Clds. St	1300	1900
Set 67 °F	Char. —	Corr. 28.69 in.	Clds. St	10/10	3/10
R.H. 87 %	24 hr. Mov. — mi.	30.06 in.	Clds. St	10/10	3/10
Ppn. Liq. 87 %	Prev. Dir. —	3 hr. Tend. —	Wx Wx	—	—
Ppn. Liq. 1.20 in.	Prev. Dir. —	1.1 mb	Wx —	—	—
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Thursday June 27, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	- RA 0830 - 0845 LT - RA 0859 - 0915 LT - RA 1449 - 1500 LT		
Max. 79 °F	Dir. —	Temp 77 °F	Read. 28.68 in.	Corr. —	0700
Min. 65 °F	Vel. 0 m.p.h.	Sea L. —	Clds. Ci	1300	1900
Set 67 °F	Char. Calm	Corr. 28.54 in.	Clds. Ci	10/10	10/10
R.H. 87 %	24 hr. Mov. — mi.	29.84 in.	Clds. St	10/10	10/10
Ppn. Liq. 87 %	Prev. Dir. —	3 hr. Tend. —	Wx Wx	—	—
Ppn. Liq. T in.	Prev. Dir. —	-0 mb	Wx -FG	—	—
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. ~2 mi.	Vis. ~2 mi.	Vis. ~8 mi.

Friday June 28, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	- RA, +RA (TS) 1205 - 1755 LT - RA, RA 1815 - 1905 LT Ocl, -RA 2020 - 0155 LT Rec. Precip (1.15, 2.002)		
Max. 75 °F	Dir. W	Temp 77 °F	Read. 28.47 in.	Corr. —	0700
Min. 65 °F	Vel. 3 m.p.h.	Sea L. —	Clds. St	1300	1900
Set 68 °F	Char. Light	Corr. 28.33 in.	Clds. St	8/10	7/10
R.H. 85 %	24 hr. Mov. — mi.	29.62 in.	Clds. St	8/10	7/10
Ppn. Liq. 85 %	Prev. Dir. —	3 hr. Tend. —	Wx Wx	—	—
Ppn. Liq. 3.38 in.	Prev. Dir. —	+0 mb	Wx —	—	—
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. ~15 mi.	Vis. ~17 mi.	Vis. ~25 mi.

Saturday June 29, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Ocl, -RA 1111 - 1441 LT - RA, +RA (TS) 1509 - 1543 LT - RA (GR 1530 - 1530) - RA (GR 1857 - 1917) 1521 LT GR 0.75" PK GUST 38mph LT		
Max. 78 °F	Dir. SW	Temp 76 °F	Read. 28.50 in.	Corr. —	0700
Min. 60 °F	Vel. 7 m.p.h.	Sea L. —	Clds. St	1300	1900
Set 65 °F	Char. Breezy	Corr. 28.36 in.	Clds. St	8/10	7/10
R.H. 81 %	24 hr. Mov. — mi.	29.66 in.	Clds. St	8/10	7/10
Ppn. Liq. 81 %	Prev. Dir. —	3 hr. Tend. —	Wx Wx	—	—
Ppn. Liq. 0.37 in.	Prev. Dir. —	+1 mb	Wx —	—	—
Ppn. Sol. T* in.	Snow Depth 0 in.	Observer PTH	Vis. ~20 mi.	Vis. —	Vis. ~25 mi.

* - Hail

Sunday June 30, 2013 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	- RA, RA, +RA 1625 - 1705		
Max. 79 °F	Dir. —	Temp 76 °F	Read. 28.66 in.	Corr. —	0700
Min. 61 °F	Vel. 0 m.p.h.	Sea L. —	Clds. St	1300	1900
Set 63 °F	Char. —	Corr. 28.53 in.	Clds. St	10/10	9/10
R.H. 90 %	24 hr. Mov. — mi.	29.94 in.	Clds. St	10/10	9/10
Ppn. Liq. 90 %	Prev. Dir. —	3 hr. Tend. —	Wx Wx	—	—
Ppn. Liq. 0.17 in.	Prev. Dir. —	+2 mb	Wx Fog	—	—
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. 0.2 mi.	Vis. —	Vis. ~25 mi.

T: 69 T_{DAVIS}: 68/65 T_w: 62 T_f: 74 T_{DAVIS}: 69/62 T_w: 63
 HDD: 0 T_{unv}: 66/59 T_D: 59 HDD: 0 T_{unv}: 66/57 T_D: 59
 Σ HDD: 18 Σ HDD: 18 CDD: 9 MMTS: 76/55/68
 CDD: 4 Σ CDD: 80
 Σ CDD: 71

Σ PCNL: 2.20 Σ PCNL: 2.20
 Σ PCNs: 0.00 Σ PCNs: 0.00
 6/21/13 6/22/13

T: 77 T_{DAVIS}: 72/72 T_w: 68
 HDD: 0 T_{unv}: 72/66 T_D: 66
 Σ HDD: 18 MMTS: 84/67/72
 CDD: 12
 Σ CDD: 92

Σ PCNL: 2.20 Σ PCNL: 2.21
 Σ PCNs: 0.00 Σ PCNs: 0.00
 6/23/13 6/24/13

T: 80 T_{DAVIS}: 72/72 T_w: 68
 HDD: 0 T_{unv}: 73/66 T_D: 66
 Σ HDD: 18 MMTS: 88/69/93
 CDD: 15
 Σ CDD: 120

Σ PCNL: 2.21 Σ PCNL: 3.41
 Σ PCNs: 0.00 Σ PCNs: 0.00
 6/25/13 6/26/13

T: 72 T_{DAVIS}: 66/66 T_w: 64
 HDD: 0 T_{unv}: 64/64 T_D: 63
 Σ HDD: 18 MMTS: 79/63/65
 CDD: 7
 Σ CDD: 137

Σ PCNL: 3.41 Σ PCNL: 6.79
 Σ PCNs: 0.00 Σ PCNs: 0.00
 6/27/13 6/28/13

T: 69 T_{DAVIS}: 65/65 T_w: 61 T_f: 70
 HDD: 0 T_{unv}: 64/61 T_D: 59
 Σ HDD: 18 MMTS: 79/58/64
 CDD: 4
 Σ CDD: 146
 Σ CDD: 151

JUNE DAYS
 T_{max}: 77.4°F
 T_{min}: 61.0°F
 T_{sun}: 69.20°F

Σ PCNL: 7.16" Σ PCNL: 7.33"
 Σ PCNs: T* Σ PCNs: T
 6/29/13 6/30/13
 *-Hail