

Monday July 1, 2013 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. —	Temp 76 °F	-RA, RA, RA	1825-1840	
Min. 63 °F	Vel. 0 m.p.h.	Read. 28.78 in.	-DZ, -RA, TSRA	2035-2230	
Set 68 °F	Char. Calm	Corr. 28.64 in.	-RA 0525-0545	* OVNT 07	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 29.94 in.	Clds. 0700		
Ppn. Liq. 0.81 in.	Prev. Dir. —	3 hr. Tend. — 5th mb	Clds. 1300		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP	Clds. 1900		
			0700	1300	1900
			Clds. st	Clds. st.	Clds. sh. cu
			Wx Fog	Wx Fog	Wx —
			Vis. ~3 mi.	Vis. ~7 mi.	Vis. ~20 mi.

Wednesday July 3, 2013 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. —	Temp 77 °F	Occl -RA, RA	1135-1400 LT	
Min. 70 °F	Vel. 0 m.p.h.	Read. 29.05 in.	-RA, -DZ	0525-0550 LT	
Set 72 °F	Char. —	Corr. 28.92 in.			
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds. 0700		
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. 4.2 mb	Clds. 1300		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM	Clds. 1900		
			0700	1300	1900
			Clds. st	Clds. ci	Clds. St
			Wx —	Wx —	Wx —
			Vis. ~15 mi.	Vis. ~25 mi.	Vis. ~15 mi.

Friday July 5, 2013 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. SSW	Temp 78 °F			
Min. 73 °F	Vel. 3 m.p.h.	Read. 29.06 in.			
Set 75 °F	Char. Light	Corr. 28.92 in.			
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. 0700		
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 4.0 mb	Clds. 1300		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer P5H	Clds. 1900		
			0700	1300	1900
			Clds. ci	Clds. Fcu	Clds. Ci
			Wx —	Wx —	Wx —
			Vis. ~17 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Sunday July 7, 2013 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. WSW	Temp 77 °F	* OVNT LOW: 73		
Min. 72* °F	Vel. 5 m.p.h.	Read. 28.96 in.			
Set 75 °F	Char. Light	Corr. 28.82 in.			
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 0700		
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 4.0 mb	Clds. 1300		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer P5H	Clds. 1900		
			0700	1300	1900
			Clds. Ci	Clds. —	Clds. —
			Wx —	Wx —	Wx —
			Vis. ~15 mi.	Vis. —	Vis. ~17 mi.

Tuesday July 9, 2013 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. —	Temp 76 °F	Occl. -RA, RA, +RA	1510-1830	
Min. 69 °F	Vel. 0 m.p.h.	Read. 28.96 in.	-DZ, -RA	0520-0725	
Set 70 °F	Char. —	Corr. 28.83 in.			
R.H. 91 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	Clds. 0700		
Ppn. Liq. 0.10 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Clds. 1300		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM	Clds. 1900		
			0700	1300	1900
			Clds. st	Clds. st.	Clds. st.
			Wx Fog	Wx DZ + ant showers	Wx Haze
			Vis. ~4 mi.	Vis. ~7 mi.	Vis. ~5 mi.

Tuesday July 2, 2013 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. SSW	Temp 77 °F	* OVNT LOW 69		
Min. 68 °F	Vel. 5 m.p.h.	Read. 28.93 in.	Occl. -RA, RA, +RA	1120-1740 LT	
Set 72 °F	Char. Calm	Corr. 28.80 in.			
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Clds. 0700		
Ppn. Liq. 0.26 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Clds. 1300		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM	Clds. 1900		
			0700	1300	1900
			Clds. st	Clds. Ci	Clds. st.
			Wx —	Wx —	Wx —
			Vis. ~15 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Thursday July 4, 2013 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. SW	Temp 77 °F	* OVNT LOW - 74 °F		
Min. 72* °F	Vel. 3 m.p.h.	Read. 29.11 in.	-RA	1445-2100 LT	
Set 74 °F	Char. Light	Corr. 28.97 in.	-RA, -DZ	0355-0420 LT	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.27 in.	Clds. 0700		
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. 4.0 mb	Clds. 1300		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer P5H	Clds. 1900		
			0700	1300	1900
			Clds. St, Cu	Clds. Fcu	Clds. St, Cu
			Wx —	Wx —	Wx —
			Vis. ~15 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Saturday July 6, 2013 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. —	Temp 76 °F	-SHRA	1445-1455 LT	
Min. 70 °F	Vel. — m.p.h.	Read. 29.07 in.	-TSRA	1705-1720 LT	
Set 72 °F	Char. Calm	Corr. 28.93 in.	-SHRA	1926-1939 LT	
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. 0700		
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. 4.0 mb	Clds. 1300		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer P5H	Clds. 1900		
			0700	1300	1900
			Clds. ci	Clds. Fcu	Clds. Ci
			Wx —	Wx —	Wx —
			Vis. ~10 mi.	Vis. —	Vis. ~25 mi.

Monday July 8, 2013 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. WSW	Temp 78 °F	- + TSRA	1420-1730 LT	
Min. 68 °F	Vel. 3 m.p.h.	Read. 28.86 in.	-RA	1745-1820 LT	
Set 70 °F	Char. Light	Corr. 28.92 in.			
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Clds. 0700		
Ppn. Liq. 1.20 in.	Prev. Dir. —	3 hr. Tend. 4.1 mb	Clds. 1300		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP	Clds. 1900		
			0700	1300	1900
			Clds. ci/sr	Clds. St. Cu	Clds. St. Cu
			Wx Haze	Wx Dist ant showers	Wx Dist ant showers
			Vis. ~3.5 mi.	Vis. ~15 mi.	Vis. ~10 mi.

Wednesday July 10, 2013 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. —	Temp 77 °F	LOW Low 71		
Min. 70 °F	Vel. 0 m.p.h.	Read. 28.82 in.	Occl. -Dz	1205-1420	
Set 71 °F	Char. —	Corr. 28.69 in.	-RA, RA, +RA	0600-0800	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	Clds. 0700		
Ppn. Liq. 0.12 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Clds. 1300		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer 5LM	Clds. 1900		
			0700	1300	1900
			Clds. st	Clds. St. Ci.	Clds. St. Cu.
			Wx RA	Wx —	Wx TSRA
			Vis. ~1 mi.	Vis. ~25 mi.	Vis. ~ 1/4 mi.

T: 73
HDD: 0
ΣHDD: 0
CDD: 8
ΣCDD: 8
TDans: 68/68
Tunv: 68/68
MMTS: 83/61/67
Tw: 67
Td: 67

T: 72
HDD: 0
ΣHDD: 0
CDD: 7
ΣCDD: 15
TDans: 73/73
Tunv: 70/70
MMTS: 77/67/72
Tw: 68
Td: 67

ΣPCNL: 0.81
ΣPCNs: 0
7/1/13

ΣPCNL: 1.07
ΣPCNs: 0
7/2/13

T: 75
HDD: 0
ΣHDD: 0
CDD: 10
ΣCDD: 25
TDans: 72/72
Tunv: 72/68
MMTS: 82/70/72
Tw: 68
Td: 67

T: 78
HDD: 0
ΣHDD: 0
CDD: 13
ΣCDD: 38
TDans: 74/74
Tunv: 73/70
MMTS: 83/71/74
Tw: 70
Td: 68

ΣPCNL: 1.14
ΣPCNs: 0
7/3/13

ΣPCNL: 1.14
ΣPCNs: 0.00
07/04/13

T: 80
HDD: 0
ΣHDD: 0
CDD: 15
ΣCDD: 53
TDans: 75/74
Tunv: 75/68
MMTS: 86/73/76

T: 70
HDD: 0
ΣHDD: 0
CDD: 13
ΣCDD: 66
TDans: 72/72
Tunv: 73/70
MMTS: 85/68/72
Tw: 69
Td: 68

ΣPCNL: 1.16
ΣPCNs: 0.00
7/05/13

ΣPCNL: 1.18
ΣPCNs: 0.00
7/06/13

T: 80
HDD: 0
ΣHDD: 0
CDD: 15
ΣCDD: 81
TDans: 75/75
Tunv: 75/70
MMTS: 87/72/75

T: 77
HDD: 0
ΣHDD: 0
CDD: 12
ΣCDD: 93
TDans: 70/70
Tunv: 70/66
MMTS: 84/67/70
Tw: 68
Td: 67

ΣPCNL: 1.18
ΣPCNs: 0.00
7/07/13

ΣPCNL: 2.38
ΣPCNs: 0.00
7/8/13

T: 74
HDD: 0
ΣHDD: 0
CDD: 9
ΣCDD: 102
TDans: 69/69
Tunv: 70/68
MMTS: 79/67/69
Tw: 69
Td: 69

T: 74
HDD: 0
ΣHDD: 0
CDD: 9
ΣCDD: 111
TDans: 70/70
Tunv: 70/68
MMTS: 77/69/69
Tw: 72
Td: 72

ΣPCNL: 2.48
ΣPCNs: 0.00
7/9/13

ΣPCNL: 2.60
ΣPCNs: 0.00
7/10/13

Thursday July 11, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	General Obs.		
Max. 82 °F	Dir. —	76 °F	76 °F	-RA, RA (SH) 0800-0830 LT		
Min. 65 °F	Vel. 6 m.p.h.	28.82 in.	Read. 28.82 in.	-RA (SH) 0912-1058 LT		
Set	Char. Calm	Corr.	28.68 in.	TSRA+RA 1926-2156 LT		
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. 5t	0700	1300	1900
Ppn. Liq. 1.15 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx	10/10	4/10	F, cu
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. —	Wx	—	—
			~7 mi.	Vis. —	~25 mi.	~25 mi.

Friday July 12, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	General Obs.		
Max. 77 °F	Dir. N	76 °F	76 °F	-RA		
Min. 64 °F	Vel. 3 m.p.h.	28.91 in.	Read. 28.91 in.	Rec Max Min (72, 1952)		
Set	Char. Light	Corr.	28.77 in.	0614-0620 LT		
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. AS	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0 mb	Wx	10/10	10/10	ci
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. —	Wx	—	—
			~17 mi.	Vis. —	~25 mi.	~25 mi.

Saturday July 13, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	General Obs.		
Max. 73 °F	Dir. —	77 °F	77 °F	*OVRT LOW: 65		
Min. 61 °F	Vel. 0 m.p.h.	29.02 in.	Read. 29.02 in.	-RA, +RA 2222-0007		
Set	Char. Calm	Corr.	28.88 in.	Ocal. -RA-DZ 0059-0800		
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. 5t	0700	1300	1900
Ppn. Liq. 0.29 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx	10/10	—	—
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. —	Wx	—	—
			~1.5 mi.	Vis. —	~25 mi.	~25 mi.

Sunday July 14, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	General Obs.		
Max. 78 °F	Dir. —	76 °F	76 °F	*OVRT LOW: 72		
Min. 66 °F	Vel. 0 m.p.h.	29.20 in.	Read. 29.20 in.	-DZ, -RA 0800-1340		
Set	Char. —	Corr.	29.08 in.	—		
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. Cu	0700	1300	1900
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx	7/10	—	0/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. —	Wx	—	—
			~15 mi.	Vis. —	~25 mi.	~25 mi.

Monday July 15, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	General Obs.		
Max. 86 °F	Dir. —	78 °F	78 °F	*OVRT LOW: 74		
Min. 68 °F	Vel. 0 m.p.h.	29.10 in.	Read. 29.10 in.	-RA 1840-1852		
Set	Char. —	Corr.	28.96 in.	—		
R.H. 91 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. Ci	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx	1/10	5/10	cu
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP	Vis. —	Wx	—	—
			~10 mi.	Vis. —	~17 mi.	~25 mi.

Tuesday July 16, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	General Obs.		
Max. 89 °F	Dir. —	77 °F	77 °F	*OVRT LOW: 74		
Min. 72 °F	Vel. 0 m.p.h.	29.18 in.	Read. 29.18 in.	-RA 1840-1852		
Set	Char. Calm	Corr.	29.05 in.	—		
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds. Ci	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx	1/10	3/10	F, cu
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. —	Wx	—	—
			~15 mi.	Vis. —	~17 mi.	~25 mi.

Wednesday July 17, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	General Obs.		
Max. 88 °F	Dir. —	78 °F	78 °F	Rec Max Min (73, 2006)		
Min. 72 °F	Vel. 0 m.p.h.	29.15 in.	Read. 29.15 in.	—		
Set	Char. —	Corr.	29.02 in.	—		
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. Cu	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +.5 mb	Wx	2/10	3/10	cu
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. —	Wx	—	—
			~10 mi.	Vis. —	~7 mi.	~15 mi.

Thursday July 18, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	General Obs.		
Max. 90 °F	Dir. —	78 °F	78 °F	Rec Max Min (73, 2006)		
Min. 74 °F	Vel. 8 m.p.h.	29.02 in.	Read. 29.02 in.	—		
Set	Char. Calm	Corr.	28.88 in.	—		
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. Ci	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0 mb	Wx	1/10	3/10	F, cu
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. —	Wx	—	—
			~5 mi.	Vis. —	~7 mi.	~15 mi.

Friday July 19, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	General Obs.		
Max. 92 °F	Dir. —	78 °F	78 °F	Rec Max Min (73, 2005)		
Min. 74 °F	Vel. 0 m.p.h.	28.89 in.	Read. 28.89 in.	—		
Set	Char. Calm	Corr.	28.75 in.	—		
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. Ci	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.5 mb	Wx	4/10	3/10	F, cu
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. —	Wx	—	—
			~7 mi.	Vis. —	~7 mi.	~7 mi.

Saturday July 20, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	General Obs.		
Max. 91 °F	Dir. SW	76 °F	76 °F	Rec Max Min (72, 1952)		
Min. 75 °F	Vel. 5 m.p.h.	28.76 in.	Read. 28.76 in.	—		
Set	Char. Light	Corr.	28.62 in.	—		
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.90 in.	Clds. 5t	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0 mb	Wx	10/10	—	9/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PTH	Vis. —	Wx	—	—
			~5 mi.	Vis. —	~20 mi.	~20 mi.

T: 74 T_{DAVIS}: 67/67 T_W: 64 T_F: 71 T_{DAVIS}: 64/64 T_W: 61
 HDD: 0 T_{UNV}: 68/64 T_D: 62 HDD: 0 T_{UNV}: 63/61 T_D: 59
 ΣHDD: 0 MMTS: 82/64/66 ΣHDD: 0 MMTS: 78/62/62
 CDD: 9 ΣCDD: 126

ΣPCNL: 3.75 7/11/13 ΣPCNL: 3.75 7/12/13
 ΣPCNs: 0.00 ΣPCNs: 0.00

T: 69 T_{DAVIS}: 66/66 T_W: 64 T_F: 72 T_{DAVIS}: 74/74 T_W: 72
 HDD: 0 T_{UNV}: 66/64 HDD: 0 T_{UNV}: 73/72 T_D: 72
 ΣHDD: 0 MMTS: 73/62/64 ΣHDD: 0 MMTS: 78/64/74
 CDD: 4 CDD: 7
 ΣCDD: 130 ΣCDD: 137

ΣPCNL: 4.04 07/13/13 ΣPCNL: 4.06 7/14/13
 ΣPCNs: 0.00 ΣPCNs: 0.00

T: 77 T_{DAVIS}: 72/72 T_W: 70 T_F: 81 T_{DAVIS}: 76/76 T_W: 72
 HDD: 0 T_{UNV}: 72/70 T_D: 69 HDD: 0 T_{UNV}: 73/72 T_D: 72
 ΣHDD: 0 MMTS: 85/m/72 ΣHDD: 0 MMTS: 89/72/74
 CDD: 12 CDD: 16
 ΣCDD: 149 ΣCDD: 165

ΣPCNL: 4.06 7/15/13 ΣPCNL: 4.06 7/16/13
 ΣPCNs: 0.00 ΣPCNs: 0.00

T: 80 T_{DAVIS}: 75/75 T_W: 72 T_F: 82 T_{DAVIS}: 77/77 T_W: 74
 HDD: 0 T_{UNV}: 75/72 T_D: 69 HDD: 0 T_{UNV}: 77/73 T_D: 73
 ΣHDD: 0 MMTS: 88/72/75 ΣHDD: 0 MMTS: 90/73/77
 CDD: 15 CDD: 17
 ΣCDD: 180 ΣCDD: 197

ΣPCNL: 4.06 7/17/13 ΣPCNL: 4.06 7/18/13
 ΣPCNs: 0.00 ΣPCNs: 0.00

T: 83 T_{DAVIS}: 79/78 T_W: 74 T_F: 83 T_{DAVIS}: 75/75 T_W: 72
 HDD: 0 T_{UNV}: 77/73 T_D: 73 HDD: 0 T_{UNV}: 75/68 T_D: 76
 ΣHDD: 0 MMTS: 91/72/78 ΣHDD: 0 MMTS: 90/75/76
 CDD: 18 CDD: 18
 ΣCDD: 215 ΣCDD: 233

ΣPCNL: 4.06 7/19/13 ΣPCNL: 4.06 7/20/13
 ΣPCNs: 0.00 ΣPCNs: 0.00

Sunday July 21, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max. 88 °F	Dir. WNW	77 °F	77 °F	0700 Cs	1300 Cs	1900 Cs
Min. 70 °F	Vel. 2 m.p.h.	Read. 28.84 in.	Read. 28.84 in.	4/10 Cu	Wx	10/10 St
Set 72 °F	Char. Light	Corr. 28.70 in.	Corr. 28.70 in.	Wx	Wx	Wx -RA
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Sea L. 29.98 in.	Haze	Wx	Wx -RA
Ppn. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	3 hr. Tend. +1 mb	Observer	Observer	Observer
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PSTH	Observer PSTH	Vis. ~5 mi.	Vis. —	Vis. ~10 mi.

Monday July 22, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max. 84 °F	Dir. E	76 °F	76 °F	0700 Cs	1300 Cs	1900 Cs
Min. 66 °F	Vel. 2 m.p.h.	Read. 28.81 in.	Read. 28.81 in.	6/10 St.	9/10 St.	10/10 St
Set 67 °F	Char. Light	Corr. 28.67 in.	Corr. 28.67 in.	Wx	Wx	Wx -RA
R.H. 98 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Sea L. 29.98 in.	≡ Fog	Wx	Wx -RA
Ppn. 0.22 in.	Prev. Dir. —	3 hr. Tend. STD mb	3 hr. Tend. STD mb	Observer	Observer	Observer
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP	Observer TDP	Vis. ~3/4 mi.	Vis. ~17 mi.	Vis. ~2 mi.

Tuesday July 23, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max. 82 °F	Dir. —	76 °F	76 °F	0700	1300	1900
Min. 67 °F	Vel. 0 m.p.h.	Read. 28.60 in.	Read. 28.60 in.	* GUN LOW: 76	- DZ 0950-0955	
Set 70 °F	Char. —	Corr. 28.47 in.	Corr. 28.47 in.	Occl - RA, TSRA, + RA	1435 - 0710	
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 29.76 in.	Sea L. 29.76 in.	0700	1300	1900
Ppn. 0.57 in.	Prev. Dir. —	3 hr. Tend. 1-.5 mb	3 hr. Tend. 1-.5 mb	8/10 Cu	4/10 Cu	9/10 St
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SLM	Observer SLM	Wx Haze	Wx —	Wx -RA
				Vis. ~8 mi.	Vis. ~17 mi.	Vis. ~11 mi.

Wednesday July 24, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max. 81 °F	Dir. NNW	76 °F	76 °F	SHRA	2000 - 2010 LT	
Min. 64 °F	Vel. 8 m.p.h.	Read. 28.68 in.	Read. 28.68 in.	0700	1300	1900
Set 65 °F	Char. Breezy	Corr. 28.55 in.	Corr. 28.55 in.	8/10 St	8/10 St.	2/10
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 29.86 in.	Sea L. 29.86 in.	Wx Breezy	Wx —	Wx —
Ppn. 0.0 in.	Prev. Dir. —	3 hr. Tend. +2 mb	3 hr. Tend. +2 mb	Observer	Observer	Observer
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SLM	Observer SLM	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Thursday July 25, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max. 72 °F	Dir. N	75 °F	75 °F	0700	1300	1900
Min. 53 °F	Vel. 3 m.p.h.	Read. 28.91 in.	Read. 28.91 in.	55 °F	Light	55 °F
Set 55 °F	Char. Light	Corr. 28.78 in.	Corr. 28.78 in.	R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.12 in.
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Sea L. 30.12 in.	Ppn. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb
Ppn. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	3 hr. Tend. +1 mb	Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PSTH
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PSTH	Observer PSTH	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Friday July 26, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max. 72 °F	Dir. —	75 °F	75 °F	0700	1300	1900
Min. 54 °F	Vel. 0 m.p.h.	Read. 28.97 in.	Read. 28.97 in.	58 °F	Caln	58 °F
Set 58 °F	Char. Caln	Corr. 28.84 in.	Corr. 28.84 in.	R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.18 in.
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Sea L. 30.18 in.	Ppn. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb
Ppn. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	3 hr. Tend. +1 mb	Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PSTH
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PSTH	Observer PSTH	Vis. ~20 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Saturday July 27, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max. 78 °F	Dir. —	75 °F	75 °F	0700	1300	1900
Min. 58 °F	Vel. 0 m.p.h.	Read. 28.88 in.	Read. 28.88 in.	63 °F	Windy	63 °F
Set 63 °F	Char. —	Corr. 28.75 in.	Corr. 28.75 in.	R.H. 65 %	24 hr. Mov. — mi.	Sea L. 30.06 in.
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Sea L. 30.06 in.	Ppn. 0.00 in.	Prev. Dir. —	3 hr. Tend. — 0 mb
Ppn. 0.00 in.	Prev. Dir. —	3 hr. Tend. — 0 mb	3 hr. Tend. — 0 mb	Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer STLM
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer STLM	Observer STLM	Vis. ~25 mi.	Vis. —	Vis. ~10 mi.

Sunday July 28, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max. 73 °F	Dir. WNW	75 °F	75 °F	0700	1300	1900
Min. 63 °F	Vel. 14 m.p.h.	Read. 28.82 in.	Read. 28.82 in.	67 °F	Windy	67 °F
Set 67 °F	Char. Windy	Corr. 28.70 in.	Corr. 28.70 in.	R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.00 in.
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Sea L. 30.00 in.	Ppn. 0.72 in.	Prev. Dir. —	3 hr. Tend. +2 mb
Ppn. 0.72 in.	Prev. Dir. —	3 hr. Tend. +2 mb	3 hr. Tend. +2 mb	Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SLM
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SLM	Observer SLM	Vis. ~25 mi.	Vis. —	Vis. ~25 mi.

Monday July 29, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max. 78 °F	Dir. W	74 °F	74 °F	0700	1300	1900
Min. 56 °F	Vel. 3 m.p.h.	Read. 28.94 in.	Read. 28.94 in.	60 °F	—	60 °F
Set 60 °F	Char. —	Corr. 28.81 in.	Corr. 28.81 in.	R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.14 in.
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Sea L. 30.14 in.	Ppn. 0.40 in.	Prev. Dir. —	3 hr. Tend. +1 mb
Ppn. 0.40 in.	Prev. Dir. —	3 hr. Tend. +1 mb	3 hr. Tend. +1 mb	Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP	Observer TDP	Vis. ~17 mi.	Vis. ~25 mi.	Vis. ~25 mi.

Tuesday July 30, 2013 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max. 72 °F	Dir. WSW	75 °F	75 °F	0700	1300	1900
Min. 55 °F	Vel. 3 m.p.h.	Read. 29.09 in.	Read. 29.09 in.	59 °F	—	59 °F
Set 59 °F	Char. —	Corr. 28.96 in.	Corr. 28.96 in.	R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.30 in.
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Sea L. 30.30 in.	Ppn. 0.00 in.	Prev. Dir. —	3 hr. Tend. +2 mb
Ppn. 0.00 in.	Prev. Dir. —	3 hr. Tend. +2 mb	3 hr. Tend. +2 mb	Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TDP	Observer TDP	Vis. ~17 mi.	Vis. ~25 mi.	Vis. ~25 mi.

T: 79
 ADD: 0
 ΣHDD: 0
 COD: 14
 ΣCDD: ~~247~~ 247
 TDAYS: 72/72
 TUNV: 72/68
 MMTS: 87/68/72
 Tw: 66
 Tb: 66
 T: 75
 ADD: 0
 ΣHDD: 0
 COD: 10
 ΣCDD: 257
 TDAYS: 67/67
 TUNV: 66/66
 MMTS: 83/65/66
 Tw: 66
 Tb: 66

ΣPCNL: 4.06
 ΣPCNS: 0.00
 7/21/13
 ΣPCNL: 4.28
 ΣPCNS: 0.00
 7/22/13

T: 74
 HDD: 0
 ΣHDD: 0
 COD: 9
 ΣCDD: 266
 TDAYS: 69/69
 TUNV: 68/68
 MMTS: 81/66/69
 Tw: 67
 Tb: 66
 T: 73
 HDD: 0
 ΣHDD: 0
 COD: 8
 ΣCDD: 274
 TDAYS: 64/63
 TUNV: 64/57
 MMTS: 82/63/63
 Tw: 60
 Tb: 57

ΣPCNL: 4.85
 ΣPCNS: 0.00
 7/23/13
 ΣPCNL: 4.85
 ΣPCNS: 0.00
 7/24/13

T: 63
 ADD: 2
 ΣHDD: 2
 COD: 6
 ΣCDD: 274
 TDAYS: 54/54
 TUNV: 54/50
 MMTS: 72/51/54
 Tw: 51
 Tb: 48
 T: 63
 ADD: 2
 ΣHDD: 4
 COD: 0
 ΣCDD: 274
 TDAYS: 60/60
 TUNV: 59/55
 MMTS: 72/52/57
 Tw: 54
 Tb: 51

ΣPCNL: 4.85
 ΣPCNS: 0.00
 7/25/13
 ΣPCNL: 4.85
 ΣPCNS: 0.00
 7/26/13

T: 68
 HDD: 0
 ΣHDD: 4
 COD: 3
 ΣCDD: 277
 TDAYS: 63/62
 TUNV: 59/57
 MMTS: 78/57/62
 Tw: 56
 Tb: 51
 T: 68
 HDD: 0
 ΣHDD: 4
 COD: 3
 ΣCDD: 280
 TDAYS: 63/63
 TUNV: 68/64
 MMTS: 73/62/62
 Tw: 67
 Tb: 67

ΣPCNL: 4.85
 ΣPCNS: 0.00
 7/27/13
 ΣPCNL: 5.59
 ΣPCNS: 0.00
 7/29/13

T: 67
 HDD: 0
 ΣHDD: 4
 COD: 2
 ΣCDD: 282
 TDAYS: 60/59
 TUNV: 61/57
 MMTS: 79/55/59
 Tw: 57
 Tb: 55
 T: 64
 HDD: 1
 ΣHDD: 5
 COD: 0
 ΣCDD: 282
 TDAYS: 60/58
 TUNV: 59/55
 MMTS: 72/53/59
 Tw: 56
 Tb: 54

ΣPCNL: 5.97
 ΣPCNS: 0
 7/29/13
 ΣPCNL: 5.97
 ΣPCNS: 0
 7/30/13

Wednesday 3/1/13, 2013

0700 EST

Meteorological Observatory
University Park, PA
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	Dir.	Temp		Temp				
73 °F	—	76 °F		76 °F				
Min.	Vel.	Recd.						
58 °F	0 m.p.h.	29.04 in.						
Set	Char.	Corr.						
60 °F	—	28.92 in.	0700	1300	1900			
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.			
84 %	— mi.	30.24 in.	8/10 st	7/10 FCU	8/10 FCU			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx			
0.00 in.	—	— mb	—	—	—			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.			
0.0 in.	0 in.	JLM	~17 mi.	~17 mi.	~17 mi.			

T: 66

T_{max}: 61/62

T_o: 57

HDD: 0

T_{min}: 59/57

T_g: 55

Σ HDD: 5

Mnts: 74/56/59

(DD: 1

DAILY DEEPS

Σ (DD: 283

(

T_{max} : 81.3°F

T_{min} : 66.2°F

T_{DUL} : 73.77°F

(+2.29°F)

)

Σ PCN_g: 5.97

7/31/13

Σ PCN_s: 0.0