

Friday, July 1st, 2011 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 78 °F	Dir. —	Temp 74 °F			
Min. 55 °F	Vel. — m.p.h.	Read. 28.94 in.			
Set	Char. —	Corr. —			
59 °F	cel w	28.81 in.	0700	1300	1900
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. cl10	Clds. 6710	Clds. 3110
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +2.0 mb	Wx HZ	Wx <b>Bright</b>	Wx <b>Wx</b>
Ppn. Sol. 6.0 in.	Snow Depth 0 in.	Observer BB	Vis. 20 mi.	Vis. <b>W15</b> mi.	Vis. <b>W10</b> mi.

Saturday, July 2, 2011 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 82 °F	Dir. —	Temp 70 °F			
Min. 50 °F	Vel. 0 m.p.h.	Read. 28.98 in.			
Set	Char. —	Corr. —			
61 °F	cel w	28.85 in.	0700	1300	1900
R.H. 810 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. St.	Clds. —	Clds. St.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —0 mb	Wx <b>Bright</b>	Wx	Wx <b>+HZ</b>
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Vis. <b>W25</b> mi.	Vis. —	Vis. <b>W25</b> mi.

Sunday, July 3, 2011 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 85 °F	Dir. SSW	Temp 77 °F			
Min. 62 °F	Vel. 1 m.p.h.	Read. 28.89 in.			
Set	Char. —	Corr. —			
72 °F	RIGHT	28.70 in.	OANT LOW: 72		
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 4.2 mb	Clds. ST	Clds. —	Clds. ST
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Wx HZ	Wx	Wx <b>muggy</b>
			Vis. <b>W3</b> mi.	Vis. —	Vis. <b>W5</b> mi.

Monday, July 4, 2011 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 85 °F	Dir. N	Temp 70 °F			
Min. 63 °F	Vel. 2 m.p.h.	Read. 29.01 in.			
Set	Char. —	Corr. —			
71 °F	RIGHT	28.88 in.	-SH RA 0801 - 0900		
R.H. 810 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —0 mb	Clds. St.	Clds. Cl	Clds. Cl
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Wx <b>+HZ</b>	Wx <b>+HZ</b>	Wx <b>+HZ</b>
			Vis. <b>W5</b> mi.	Vis. <b>W5</b> mi.	Vis. <b>W4</b> mi.

Tuesday, July 5, 2011 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 82 °F	Dir. —	Temp 75 °F			
Min. 64 °F	Vel. 0 m.p.h.	Read. 28.88 in.			
Set	Char. —	Corr. —			
65 °F	cel w	28.75 in.	0700	1300	1900
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. <del>APR</del>	Clds. St.	Clds. St.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 4.25 mb	Wx HZ	Wx <b>Sunny</b>	Wx <b>muggy</b>
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Vis. <b>W10</b> mi.	Vis. <b>W10</b> mi.	Vis. <b>W10</b> mi.

Wednesday, July 6, 2011 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 85 °F	Dir. W	Temp 74 °F			
Min. 62 °F	Vel. 1 m.p.h.	Read. 28.85 in.			
Set	Char. —	Corr. —			
66 °F	cel w	28.72 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. cl	Clds. Cl	Clds. Cl
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —0.5 mb	Wx HZ	Wx HZ	Wx HZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. <b>W15</b> mi.	Vis. <b>W15</b> mi.	Vis. <b>W10</b> mi.

Thursday, July 7, 2011 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 90 °F	Dir. —	Temp 76 °F			
Min. 66 °F	Vel. — m.p.h.	Read. 28.84 in.			
Set	Char. —	Corr. —			
72 °F	cel w	28.71 in.	COUNT LOSS: 40		
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 4.10 mb	Clds. cl10	Clds. Cl	Clds. St.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Wx HZ	Wx HZ	Wx <b>MUGGY</b>
			Vis. 10 mi.	Vis. <b>W7</b> mi.	Vis. <b>W10</b> mi.

Friday, July 8, 2011 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 85 °F	Dir. SE	Temp 77 °F			
Min. 68 °F	Vel. 2 m.p.h.	Read. 28.77 in.			
Set	Char. —	Corr. —			
70 °F	cel w	28.63 in.	TSM 1215 - 1755		
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.93 in.	0700	1300	1900
Ppn. Liq. 0.28 in.	Prev. Dir. —	3 hr. Tend. —0.5 mb	Clds. St.	Clds. St.	Clds. St.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Wx <b>Fg</b>	Wx <b>HZ</b>	Wx <b>HZ</b>
			Vis. <b>W3</b> mi.	Vis. <b>W5</b> mi.	Vis. <b>W10</b> mi.

Saturday, July 9, 2011 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 710 °F	Dir. NNW	Temp 710 °F			
Min. 603 °F	Vel. 1 m.p.h.	Read. 28.84 in.			
Set	Char. —	Corr. —			
67 °F	RIGHT	28.71 in.	-SH RA ~ 1300 - 1530		
R.H. 710 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 4.25 mb	Clds. St.	Clds. —	Clds. St.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Wx <b>W10</b> mi.	Vis. —	Vis. <b>W17</b> mi.

Sunday, July 10, 2011 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 810 °F	Dir. —	Temp 710 °F			
Min. 702 °F	Vel. 0 m.p.h.	Read. 28.98 in.			
Set	Char. —	Corr. —			
65 °F	cel w	28.85 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.33 in.	Clds. cl10	Clds. —	Clds. Cl
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 4.15 mb	Wx <b>nice</b>	Wx	Wx <b>Wx</b>
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Vis. <b>W15</b> mi.	Vis. —	Vis. <b>W15</b> mi.

T: 67 Tunv: 57/59 Tw: 57  
 HDD: 0 Tdms: 60/58 Ta: 55.5  
 ZHDD: 0 MMTS: 77/53/59  
 CDD: 2  
 ZCDD: 2  
 \$PCNs: 0.00"  
 \$PCNs: 0.00"  
 7-1-11  
 \$PCNs: 0.00"  
 \$PCNs: 0.00"  
 \$PCNs: 0.00"  
 Tunv: 59/55 Tw: 60  
 Tdms: 60/54 Ta: 53  
 MMTS: 81/55/62  
 ZCDD: 0

T: 73 Tunv: 70/64 Tw: 71  
 HDD: 0 Tdms: 72/69 Ta: 69  
 ZHDD: 0 MMTS: 84/62/71  
 CDD: 8  
 ZCDD: 14  
 \$PCNs: 0.00"  
 7-1-11  
 \$PCNs: 0.00"  
 \$PCNs: 0.00"  
 \$PCNs: 0.00"  
 Tunv: 72/61 Tw: 69  
 Tdms: 69/60 Ta: 65  
 MMTS: 84/63/71  
 ZCDD: 23

\$PCNs: T  
 \$PCNs: 0.00"  
 7/3/11  
 \$PCNs: T  
 \$PCNs: 0.00"  
 7/4/11

T: 73 Tunv: 63/61 Tw: 64  
 HDD: 0 Tdms: 64/64 Ta: 62  
 ZHDD: 0 MMTS: 80/62/63  
 CDD: 8  
 ZCDD: 31  
 \$PCNs: T  
 \$PCNs: 0.00"  
 7/5/11  
 \$PCNs: T  
 \$PCNs: 0.00"  
 7-6-11  
 \$PCNs: T  
 \$PCNs: 0.00"  
 7-6-11

T: 78 Tunv: 72/63 Tw: 66  
 HDD: 0 Tdms: 72/67 Ta: 63  
 ZHDD: 0 MMTS: 87/65/71  
 CDD: 13  
 ZCDD: 53  
 \$PCNs: Trace  
 \$PCNs: 0.00"  
 7-7-11  
 \$PCNs: Trace  
 \$PCNs: 0.28"  
 \$PCNs: 0.00"  
 7-8-11

T: 70 Tunv: 68/69 Tw: 64  
 HDD: 0 Tdms: 68/66 Ta: 62  
 ZHDD: 0 MMTS: 74/61/67  
 CDD: 5  
 ZCDD: 70  
 \$PCNs: 0.28"  
 \$PCNs: 0.00"  
 7/9/11  
 \$PCNs: 0.28"  
 \$PCNs: 0.00"  
 7/10/11

T: 74 Tunv: 81/64 Tw: 61  
 HDD: 0 Tdms: 65/64 Ta: 58  
 ZHDD: 0 MMTS: 84/61/65  
 CDD: 9  
 ZCDD: 79

Monday, July 11<sup>th</sup>, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 88 °F	Dir. —	Temp 77 °F	0700	1300	1900
Min. 65 °F	Vel. 0 m.p.h.	Read. 28.88 in.	*OUNT LOW: 71		
Set 71 °F	Char. —	Corr. —	0700	1300	1900
R.H. 81 %	24 hr. Mov. —	Sea L. 30.04 in.	Clds. 4s.	Clds. 10/11B	Clds. 10/11D
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx +Hz	Wx +Hz	Wx +Hz
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. ~6 mi.	Vis. ~5 mi.	Vis. ~7 mi.

Tuesday, July 12<sup>th</sup>, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 91 °F	Dir. W	Temp 77 °F	0700	1300	1900
Min. 71 °F	Vel. 8 m.p.h.	Read. 28.72 in.	*OUNT LOW: 73		
Set 73 °F	Char. gusty	Corr. 28.58 in.	0700	1300	1900
R.H. 92 %	24 hr. Mov. —	Sea L. 29.88 in.	Clds. 2/10 Cu.	Clds. 10/11D	Clds. 10/11D
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx +Hz	Wx +Hz	Wx +Hz
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. ~6 mi.	Vis. ~10 mi.	Vis. ~7 mi.

Wednesday, July 13, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 88 °F	Dir. —	Temp 75 °F	0700	1300	1900
Min. 69 °F	Vel. 0 m.p.h.	Read. 28.73 in.	*OUNT LOW: 71		
Set 70 °F	Char. calm	Corr. 28.59 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. —	Sea L. 29.89 in.	Clds. 10/10 S.	Clds. 3/11D	Clds. 10/11D
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx ~Hz	Wx ~Hz	Wx ~Hz
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. ~20 mi.	Vis. ~25 mi.	Vis. ~17 mi.

Thursday, July 14, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 82 °F	Dir. —	Temp 74 °F	0700	1300	1900
Min. 58 °F	Vel. 0 m.p.h.	Read. 28.93 in.	-SHEA 0810 - 1030 LT		
Set 61 °F	Char. calm	Corr. 28.80 in.	0700	1300	1900
R.H. 83 %	24 hr. Mov. —	Sea L. 30.13 in.	Clds. 1/10 Cu.	Clds. 3/10 Cu	Clds. 3/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx break L.L.	Wx	Wx barely
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. ~20 mi.	Vis. ~20 mi.	Vis. ~20 mi.

Friday, July 15, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 82 °F	Dir. —	Temp 76 °F	0700	1300	1900
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.97 in.	*OUNT LOW: 70		
Set 65 °F	Char. calm	Corr. 28.83 in.	0700	1300	1900
R.H. 76 %	24 hr. Mov. —	Sea L. 30.15 in.	Clds. 7/10 S. As	Clds. 3/10 Cu	Clds. 4/10 St
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Fair	Wx Fair	Wx nice
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~20 mi.

Saturday, July 16, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 85 °F	Dir. —	Temp 76 °F	0700	1300	1900
Min. 61 °F	Vel. 0 m.p.h.	Read. 29.00 in.	*OUNT LOW: 70		
Set 62 °F	Char. calm	Corr. 28.87 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. —	Sea L. 30.20 in.	Clds. 3/10 Sc	Clds. 4/10 St	Clds. 4/10 St
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx Fair	Wx	Wx nice
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. ~20 mi.	Vis. ~20 mi.	Vis. ~20 mi.

Sunday, July 17, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 87 °F	Dir. S	Temp — °F	0700	1300	1900
Min. 62 °F	Vel. 3 m.p.h.	Read. — in.	*OUNT LOW: 66		
Set 67 °F	Char. light	Corr. — in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. —	Sea L. — in.	Clds. 2/10 As, 3/10 Sc	Clds. 10/11D	Clds. 10/11D
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. — mi.	Vis. — mi.	Vis. — mi.

Monday, July 18, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 89 °F	Dir. SW	Temp 73 °F	0700	1300	1900
Min. 67 °F	Vel. 3 m.p.h.	Read. 28.96 in.	*OUNT LOW: 70		
Set 72 °F	Char. light	Corr. 28.83 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. —	Sea L. 30.29 in.	Clds. 5/10 Sc	Clds. 10/11D	Clds. 10/11D
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 0.0 mb	Wx hazy	Wx +Hz	Wx +Hz
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. ~20 mi.	Vis. ~10 mi.	Vis. ~7 mi.

Tuesday, July 19, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 91 °F	Dir. W	Temp 76 °F	0700	1300	1900
Min. 72 °F	Vel. 2 m.p.h.	Read. 28.78 in.	*OUNT LOW: 76		
Set 76 °F	Char. light	Corr. 28.65 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. —	Sea L. 30.08 in.	Clds. 10/10 S+Co	Clds. 10/11D	Clds. 10/11D
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -0.5 mb	Wx +Hz	Wx +Hz	Wx +Hz
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. ~6 mi.	Vis. ~7 mi.	Vis. ~3 mi.

Wednesday, July 20, 2011  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 90 °F	Dir. NNE	Temp 77 °F	0700	1300	1900
Min. 70 °F	Vel. 1 m.p.h.	Read. 28.72 in.	*OUNT LOW: 70		
Set 72 °F	Char. light	Corr. 28.60 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. —	Sea L. 30.01 in.	Clds. 0/10	Clds. 10/11D	Clds. 10/11D
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx +Hz	Wx +Hz	Wx +Hz
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. ~7 mi.	Vis. ~9 mi.	Vis. ~7 mi.

F: 77 Tun: 70/64 Tw: 67 F: 81 Tun: 73/66 Tw: 69  
 HDD: 0 Tun: 71/69 Tj: 65 HDD: 0 Tun: 73/71 Tj: 67  
 ΣHDD: 0 MMTS: 86/66/70 ΣHDD: 0 MMTS: 90/70/73  
 CDD: 12 CDD: 16 CDD: 107  
 ΣCDD: 91 ΣPCNS: 0.28" ΣPCNS: 0.0"  
 7-11-11 7-12-11

F: 79 Tun: 70/64 Tw: 67 F: 70 Tun: 61/55 Tw: 58  
 HDD: 0 Tun: 69/68 Tj: 65.5 HDD: 0 Tun: 61/59 Tj: 56  
 ΣHDD: 0 MMTS: 87/67/69 CDD: 5 MMTS: 81/55/60  
 CDD: 14 ΣCDD: 126  
 ΣCDD: 121 ΣPCNS: 0.28" ΣPCNS: 0.0"  
 7-13-11 7-14-11

F: 72 Tun: 63/55 Tw: 60 F: 78 Tun: 59/54 Tw: 60  
 HDD: 0 Tun: 68/60 Tj: 57 HDD: 0 Tun: 64/60 Tj: 58  
 ΣHDD: 0 MMTS: 80/58/65 CDD: 8 MMTS: 82/59/61  
 CDD: 7 ΣCDD: 141  
 ΣPCNS: 0.28" ΣPCNS: 0.0"  
 7-15-11 7-16-11

F: 75 Tun: 70/63 Tw: 64 F: 80 Tun: 70/70 Tw: 70  
 HDD: 0 Tun: 70/67 Tj: 63 HDD: 0 Tun: 70/70 Tj: 72  
 ΣHDD: 0 MMTS: 84/60/66 ΣHDD: 0 MMTS: 89/68/72  
 CDD: 10 CDD: 13 ΣCDD: 164  
 ΣCDD: 151 ΣPCNS: 0.28" ΣPCNS: 0.0"  
 7-17-11 7-18-11

F: 82 Tun: 77/78 Tw: 72 F: 80 Tun: 70/70 Tw: 70  
 HDD: 0 Tun: 75/74 Tj: 70 HDD: 0 Tun: 72/72 Tj: 72  
 ΣHDD: 0 MMTS: 90/77/75 CDD: 15 MMTS: 89/68/72  
 CDD: 181 ΣCDD: 196  
 ΣPCNS: 0.28" ΣPCNS: 0.0"  
 7-19-11 7-20-11

**TUESDAY, JULY 21<sup>st</sup>, 2011** Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Barom.	General Obs.
Max. 95 °F	Dir. SW	Temp 71.0 °F	Barom. 30.08 in.	0700 Clds. 0/10	1300 Clds. 0/10
Min. 72* °F	Vel. 1 m.p.h.	Read. 28.78 in.	Sea L. 28.05 in.	1900 Clds. 1/10	Wx +HZ
Set 70 °F	Char. Night	Corr. 28.05 in.	3 hr. Tend. -0 mb	Observer	Vis. ~9 mi.
R.H. 93 %	Prev. Dir. /	Observer	Snow Depth 0 in.	Vis. ~10 mi.	Wx +HZ
Ppn. Liq. 0.00 in.		Observer	Snow Depth 0 in.	Vis. ~3 mi.	Wx +HZ
Ppn. Sol. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~3 mi.	Wx +HZ

**FRIDAY, JULY 22, 2011** Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Barom.	General Obs.
Max. 99 °F	Dir. SW	Temp 79 °F	Barom. 30.18 in.	0700 Clds. 0/10	1300 Clds. 0/10
Min. 71.0 °F	Vel. 3 m.p.h.	Read. 28.88 in.	Sea L. 28.73 in.	1900 Clds. 1/10	Wx +HZ
Set 70 °F	Char. 3 m.p.h.	Corr. 28.88 in.	3 hr. Tend. +1.5 mb	Observer	Vis. ~7 mi.
R.H. 82 %	Prev. Dir. /	Observer	Snow Depth 0 in.	Vis. ~10 mi.	Wx +HZ
Ppn. Liq. 0.00 in.		Observer	Snow Depth 0 in.	Vis. ~15 mi.	Wx +HZ
Ppn. Sol. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~15 mi.	Wx +HZ

**THURSDAY, JULY 23, 2011** Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Barom.	General Obs.
Max. 101 °F	Dir. /	Temp 78 °F	Barom. 30.29 in.	0700 Clds. 4/10	1300 Clds. 4/10
Min. 77 °F	Vel. 0 m.p.h.	Read. 28.91 in.	Sea L. 28.82 in.	1900 Clds. 10/10	Wx +HZ
Set 77 °F	Char. /	Corr. 28.91 in.	3 hr. Tend. +2 mb	Observer	Vis. ~17 mi.
R.H. 78 %	Prev. Dir. /	Observer	Snow Depth 0 in.	Vis. ~10 mi.	Wx +HZ
Ppn. Liq. 0.00 in.		Observer	Snow Depth 0 in.	Vis. ~10 mi.	Wx +HZ
Ppn. Sol. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~10 mi.	Wx +HZ

**SUNDAY, JULY 24, 2011** Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Barom.	General Obs.
Max. 93 °F	Dir. NNW	Temp 78 °F	Barom. 30.25 in.	0700 Clds. 10/10	1300 Clds. /
Min. 77 °F	Vel. 3 m.p.h.	Read. 28.90 in.	Sea L. 28.70 in.	1900 Clds. 10/10	Wx +HZ
Set 77 °F	Char. /	Corr. 28.90 in.	3 hr. Tend. +3.0 mb	Observer	Vis. ~15 mi.
R.H. 81 %	Prev. Dir. /	Observer	Snow Depth 0 in.	Vis. ~15 mi.	Wx +HZ
Ppn. Liq. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~15 mi.	Wx +HZ
Ppn. Sol. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~15 mi.	Wx +HZ

**Monday, July 25, 2011** Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Barom.	General Obs.
Max. 90 °F	Dir. /	Temp 78 °F	Barom. 29.92 in.	0700 Clds. 10/10	1300 Clds. NS
Min. 70 °F	Vel. /	Read. 28.77 in.	Sea L. 28.63 in.	1900 Clds. 10/10	Wx +HZ
Set 70 °F	Char. /	Corr. 28.77 in.	3 hr. Tend. -0.5 mb	Observer	Vis. ~5 mi.
R.H. 95 %	Prev. Dir. /	Observer	Snow Depth 0 in.	Vis. ~5 mi.	Wx +HZ
Ppn. Liq. 0.47 in.		Observer	Snow Depth 0 in.	Vis. ~5 mi.	Wx +HZ
Ppn. Sol. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~5 mi.	Wx +HZ

**Tuesday, July 26, 2011** Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Barom.	General Obs.
Max. 82 °F	Dir. WSW	Temp 76 °F	Barom. 29.84 in.	0700 Clds. 0/10	1300 Clds. 0/10
Min. 65 °F	Vel. 3 m.p.h.	Read. 28.67 in.	Sea L. 28.54 in.	1900 Clds. 1/10	Wx +HZ
Set 67 °F	Char. calm	Corr. 28.67 in.	3 hr. Tend. +0.5 mb	Observer	Vis. ~10 mi.
R.H. 90 %	Prev. Dir. /	Observer	Snow Depth 0 in.	Vis. ~10 mi.	Wx +HZ
Ppn. Liq. 2.51 in.		Observer	Snow Depth 0 in.	Vis. ~10 mi.	Wx +HZ
Ppn. Sol. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~10 mi.	Wx +HZ

**Wednesday, July 27<sup>th</sup>, 2011** Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Barom.	General Obs.
Max. 85 °F	Dir. /	Temp 76 °F	Barom. 28.72 in.	0700 Clds. 0/10	1300 Clds. 5/10
Min. 61 °F	Vel. /	Read. 28.85 in.	Sea L. 28.62 in.	1900 Clds. 10/10	Wx +HZ
Set 64 °F	Char. /	Corr. 28.85 in.	3 hr. Tend. +1.5 mb	Observer	Vis. ~17 mi.
R.H. 75 %	Prev. Dir. /	Observer	Snow Depth 0 in.	Vis. ~17 mi.	Wx +HZ
Ppn. Liq. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~17 mi.	Wx +HZ
Ppn. Sol. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~17 mi.	Wx +HZ

**Thursday, July 28<sup>th</sup>, 2011** Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Barom.	General Obs.
Max. 84 °F	Dir. /	Temp 76 °F	Barom. 28.76 in.	0700 Clds. 10/10	1300 Clds. 10/10
Min. 64 °F	Vel. /	Read. 28.89 in.	Sea L. 28.76 in.	1900 Clds. 10/10	Wx +HZ
Set 69 °F	Char. calm	Corr. 28.89 in.	3 hr. Tend. +0.5 mb	Observer	Vis. ~1 mi.
R.H. 75 %	Prev. Dir. /	Observer	Snow Depth 0 in.	Vis. ~1 mi.	Wx +HZ
Ppn. Liq. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~1 mi.	Wx +HZ
Ppn. Sol. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~1 mi.	Wx +HZ

**Friday, July 29<sup>th</sup>, 2011** Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Barom.	General Obs.
Max. 75 °F	Dir. /	Temp 73 °F	Barom. 28.72 in.	0700 Clds. 0/10	1300 Clds. 0/10
Min. 69 °F	Vel. /	Read. 28.82 in.	Sea L. 28.69 in.	1900 Clds. 0/10	Wx +HZ
Set 70 °F	Char. calm	Corr. 28.82 in.	3 hr. Tend. +0.0 mb	Observer	Vis. ~5 mi.
R.H. 100 %	Prev. Dir. /	Observer	Snow Depth 0 in.	Vis. ~5 mi.	Wx +HZ
Ppn. Liq. 1.02 in.		Observer	Snow Depth 0 in.	Vis. ~5 mi.	Wx +HZ
Ppn. Sol. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~5 mi.	Wx +HZ

**SATURDAY, JULY 30<sup>th</sup>, 2011** Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Barom.	General Obs.
Max. 90 °F	Dir. NNW	Temp 75 °F	Barom. 28.90 in.	0700 Clds. 3/10	1300 Clds. /
Min. 68 °F	Vel. 2 m.p.h.	Read. 28.90 in.	Sea L. 28.82 in.	1900 Clds. 10/10	Wx +HZ
Set 71 °F	Char. /	Corr. 28.90 in.	3 hr. Tend. +2.0 mb	Observer	Vis. ~15 mi.
R.H. 82 %	Prev. Dir. /	Observer	Snow Depth 0 in.	Vis. ~15 mi.	Wx +HZ
Ppn. Liq. 0.10 in.		Observer	Snow Depth 0 in.	Vis. ~15 mi.	Wx +HZ
Ppn. Sol. 0.0 in.		Observer	Snow Depth 0 in.	Vis. ~15 mi.	Wx +HZ

F 84 Tunw: 7140 Tw: 15  
 HDD 0 TD: 73  
 Z HDD 0 TD: 73  
 CDD 19 MMTS: 94/72/76  
 Z CDD 215  
 F 88 Tunw: 84/75 Tw: 76  
 HDD 0 TD: 74  
 Z HDD 0 TD: 74  
 CDD 25 MMTS: 97/76/82  
 Z CDD 238

$\Sigma$  PCNG: 0.28" 7/22/11  
 $\Sigma$  PCNS: 0.0"

F 89 Tunw: 77/104 Tw: 18  
 HDD 0 TD: 105  
 Z HDD 0 TD: 105  
 CDD 24 MMTS: 104/76/77  
 Z CDD 202  
 F 85 Tunw: 77/108 Tw: 12  
 HDD 0 TD: 107  
 Z HDD 0 TD: 107  
 CDD 20 MMTS: 93/76/76  
 Z CDD 282

$\Sigma$  PCNG: 0.28" 7/25/11  
 $\Sigma$  PCNS: 0.0"

F 80 Tunw: 70/108 Tw: 69  
 HDD 0 TD: 68.5  
 Z HDD 0 TD: 68.5  
 CDD 15 MMTS: 89/109/109  
 Z CDD 297  
 F 74 Tunw: 66/104 Tw: 65  
 HDD 0 TD: 64  
 Z HDD 0 TD: 64  
 CDD 9 MMTS: 81/103/107  
 Z CDD 306

$\Sigma$  PCNG: 0.75" 7-25-11  
 $\Sigma$  PCNS: 0.0"

F 73 Tunw: 63/155 Tw: 59  
 HDD 0 TD: 56  
 Z HDD 0 TD: 56  
 CDD 8 MMTS: 85/159/163  
 Z CDD 314  
 F 79 Tunw: 68/159 Tw: 64  
 HDD 0 TD: 61  
 Z HDD 0 TD: 61  
 CDD 9 MMTS: 83/103/168  
 Z CDD 323

$\Sigma$  PCNG: 1.26" 7-27-11  
 $\Sigma$  PCNS: 0.0"

F 72 Tunw: 68/168 Tw: 70  
 HDD 0 TD: 69  
 Z HDD 0 TD: 69  
 CDD 7 MMTS: 73/68/69  
 Z CDD 339  
 F 79 Tunw: 72/170 Tw: 69  
 HDD 0 TD: 67  
 Z HDD 0 TD: 67  
 CDD 14 MMTS: 89/107/71  
 Z CDD 344

$\Sigma$  PCNG: 2.28" 7-28-11  
 $\Sigma$  PCNS: 0.0"

$\Sigma$  PCNG: 2.38" 7/30/11  
 $\Sigma$  PCNS: 0.0"

Temp.		Wind	Barom.	General Obs.		
Max. 87 °F	Dir. /		Temp 710 °F			
Min. 62 °F	Vel. 0 m.p.h.		Read. 28.92 in.			
Set 65 °F	Char. /		Corr. 28.79 in.	0700	1300	1900
R.H. 79 %	24 hr. Mov. /		Sea L. 30.27 in.	Clds. /	Clds. /	Clds. 3/10
Ppn. Liq. 0.00 in.	Prev. Dir. /		3 hr. Tend. +3.0mb	Wx FAIR	Wx /	Wx MIX
Ppn. Sol. 0.0 in.	Snow Depth 0 in.		Observer MS	Vis. 25 mi.	Vis. /	Vis. 7 mi.

Tv: 58  
T<sub>a</sub>: 53

Tuvv 10/0/55  
T<sub>DAVIS</sub> 107/100

MPTS 8/0/101/105

T 75  
HDD 0  
Σ HDD 0  
CDD 10  
Σ CDD 354

Σ PCNA: 2.38  
Σ PCNS: 0.0

(JULY REMA'S)  
T<sub>max</sub> = 86.7°F  
T<sub>min</sub> = 65.7°F  
T<sub>ave</sub> = 76.21°F

7/31/11