

**Sunday October 1, 2017** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	0830-0900 -B-		
Max. 58 °F	Dir. —	Temp 70 °F			
Min. 36 °F	Vel. 0 m.p.h.	Read. 29.24 in.			
Set 39 °F	Char. calm	Corr. 29.12 in.	Patchy frost at obs		
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.52 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 40.5 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MPE	Vis. 9 mi.	Vis. mi.	Vis. 20 mi.

**Monday, October 2, 2017** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	OVNT Low: 48		
Max. 65 °F	Dir. —	Temp 72 °F			
Min. 38 °F	Vel. 0 m.p.h.	Read. 29.20 in.			
Set 40 °F	Char. calm	Corr. 29.09 in.			
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 39.40 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 41.5 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer AMT	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

**Tuesday October 3, 2017** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	OVNT Low: 44		
Max. 71 °F	Dir. —	Temp 72 °F			
Min. 40 °F	Vel. 0 m.p.h.	Read. 29.35 in.			
Set 46 °F	Char. calm	Corr. 29.22 in.			
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.61 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 43.0 mb	Wx	Wx	Wx
Ppn. Sol. 0.00 in.	Snow Depth 0.0 in.	Observer PDM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

**Wednesday Oct 4, 2017** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	OVNT Low: 48		
Max. 72 °F	Dir. —	Temp 72 °F			
Min. 46 °F	Vel. 0 m.p.h.	Read. 29.29 in.			
Set 49 °F	Char. calm	Corr. 29.17 in.			
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.67 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 40.3 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer AJ	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

**Thursday Oct 5, 2017** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	* Over Low 63		
Max. 80 °F	Dir. SW	Temp 73 °F			
Min. 49 °F	Vel. 3 m.p.h.	Read. 29.02 in.			
Set 65 °F	Char. light	Corr. 28.89 in.			
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 40.5 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MSL	Vis. 20 mi.	Vis. 25 mi.	Vis. 20 mi.

**Friday October 6, 2017** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	* Rec Max Min: (63, 19.49)		
Max. 74 °F	Dir. WSW	Temp 74 °F			
Min. 63 °F	Vel. 4 m.p.h.	Read. 28.99 in.			
Set 64 °F	Char. light	Corr. 28.82 in.			
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.16 in.	Prev. Dir. —	3 hr. Tend. 40.0 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer ORL	Vis. 12 mi.	Vis. 15 mi.	Vis. mi.

**Saturday October 7, 2017** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	-5MAA ~1115 LT		
Max. 72 °F	Dir. W	Temp 73 °F			
Min. 62 °F	Vel. 1 m.p.h.	Read. 28.93 in.			
Set 64 °F	Char. light	Corr. 28.80 in.			
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. in.	Prev. Dir. —	3 hr. Tend. 40.5 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MSL	Vis. 12 mi.	Vis. mi.	Vis. 25 mi.

**Sunday October 8, 2017** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	* Rec Max Min: (63, 19.49)		
Max. 81 °F	Dir. SW	Temp 72 °F			
Min. 64 °F	Vel. 8 m.p.h.	Read. 28.25 in.			
Set 70 °F	Char. light	Corr. 28.62 in.			
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.92 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.26 in.	Prev. Dir. —	3 hr. Tend. 40.5 mb	Wx	Wx	Wx
Ppn. Sol. 0.00 in.	Snow Depth 0.0 in.	Observer MPE	Vis. 18 mi.	Vis. mi.	Vis. 10 mi.

**Monday, October 9, 2017** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	02: 2653 - 2315 * REC Max: 74.74		
Max. 75 °F	Dir. SSE	Temp 73 °F			
Min. 68 °F	Vel. 10 m.p.h.	Read. 28.58 in.			
Set 71 °F	Char. light	Corr. 28.46 in.			
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 29.74 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.52 in.	Prev. Dir. —	3 hr. Tend. 41.5 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer AMT	Vis. 1 mi.	Vis. 25 mi.	Vis. 25 mi.

**Tuesday October 10, 2017** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	RA, -RA 0800 - 1000 LT		
Max. 75 °F	Dir. —	Temp 72 °F			
Min. 64 °F	Vel. 0 m.p.h.	Read. 28.94 in.			
Set 67 °F	Char. calm	Corr. 28.81 in.			
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.22 in.	Prev. Dir. —	3 hr. Tend. 42.0 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PDM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T: 47 T<sub>DAVIS</sub>: 41/38 T<sub>w</sub>: 38.5  
 HDD: 18 T<sub>UNV</sub>: 34/32 T<sub>D</sub>: 38  
 ΣHDD: 18 T<sub>MNTS</sub>: 57/357/38  
 CDD: 0  
 ΣCDD: 0  
 ΣPEN: 0.00  
 ΣPENS: 0.00

10/11/17

T: 56 T<sub>DAVIS</sub>: 47/44 T<sub>w</sub>: 44  
 HDD: 9 T<sub>UNV</sub>: 39/39 T<sub>D</sub>: 43  
 ΣHDD: 40 T<sub>MNTS</sub>: 70/39/44  
 CDD: 0  
 ΣCDD: 0  
 ΣPEN: 0.00  
 ΣPENS: 0.00

10/3/17

T: 65 T<sub>DAVIS</sub>: 65/57 T<sub>w</sub>: 60  
 HDD: 0 T<sub>UNV</sub>: 64/55 T<sub>D</sub>: 57  
 ΣHDD: 46 T<sub>MNTS</sub>: 80/48/64  
 CDD: 0  
 ΣCDD: 0  
 ΣPEN: 0.00  
 ΣPENS: 0.00

10/5/17

T: 67 T<sub>DAVIS</sub>: 65/61 T<sub>w</sub>: 62  
 HDD: 0 T<sub>UNV</sub>: 61/61 T<sub>D</sub>: 61  
 ΣHDD: 46 T<sub>MNTS</sub>: 72/61/63  
 CDD: 2  
 ΣCDD: 6  
 ΣPEN: 0.16  
 ΣPENS: 0.00

10/7/17

T: 72 T<sub>DAVIS</sub>: 70/68 T<sub>w</sub>: 69  
 HDD: 0 T<sub>UNV</sub>: 72/68 T<sub>D</sub>: 69  
 ΣHDD: 46 T<sub>MNTS</sub>: 76/67/70  
 CDD: 7  
 ΣCDD: 21  
 ΣPEN: 0.94"  
 ΣPENS: 0.00

10/9/17

T: 52 T<sub>DAVIS</sub>: 41/38 T<sub>w</sub>: 42  
 HDD: 13 T<sub>UNV</sub>: 37/37 T<sub>D</sub>: 39  
 ΣHDD: 31 T<sub>MNTS</sub>: 64/37/39  
 CDD: 0  
 ΣCDD: 0  
 ΣPEN: 0.00  
 ΣPENS: 0.00

10/2/17

T: 59 T<sub>DAVIS</sub>: 49/46 T<sub>w</sub>: 46  
 HDD: 6 T<sub>UNV</sub>: 46/45 T<sub>D</sub>: 43  
 ΣHDD: 46 T<sub>MNTS</sub>: 71/44/48  
 CDD: 0  
 ΣCDD: 0  
 ΣPEN: 0.00  
 ΣPENS: 0.00

10/4/17

T: 69 T<sub>DAVIS</sub>: 63/62 T<sub>w</sub>: 63  
 HDD: 0 T<sub>UNV</sub>: 63/63 T<sub>D</sub>: 62  
 ΣHDD: 46 T<sub>MNTS</sub>: 74/62/63  
 CDD: 4  
 ΣCDD: 4  
 ΣPEN: 0.18"  
 ΣPENS: 0.00

10/6/17

T: 73 T<sub>DAVIS</sub>: 69/67 T<sub>w</sub>: 64.5  
 HDD: 0 T<sub>UNV</sub>: 68/68 T<sub>D</sub>: 65  
 ΣHDD: 46 T<sub>MNTS</sub>: 80/63/69 T<sub>D</sub>: 68  
 CDD: 8  
 ΣCDD: 14  
 ΣPEN: 0.42  
 ΣPENS: 0.00

10/8/17

T: 70 T<sub>DAVIS</sub>: 66/64 T<sub>w</sub>: 66  
 HDD: 0 T<sub>UNV</sub>: 66/63 T<sub>D</sub>: 65  
 ΣHDD: 46 T<sub>MNTS</sub>: 75/64/66  
 CDD: 5  
 ΣCDD: 26  
 ΣPEN: 1.16"  
 ΣPENS: 0.00

10/10/17

Wednesday October 11<sup>th</sup> 2017 0700 EST

Temp.	Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Dir.	Temp	General Obs.		
78 °F	NE	72 °F	0200-0300 - RA		
Min. 62 °F	Vel. 1 m.p.h.	Read. 28.95 in.	Clds. 0700	Clds. 1300	Clds. 1900
Set 63 °F	Char. Light	Corr. 28.83 in.			
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.26 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx	Wx	Wx light rain
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer ASJ	Vis. 20 mi.	Vis. 20 mi.	Vis. 10 mi.

Thursday October 12 2017 0700 EST

Temp.	Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Dir.	Temp	General Obs.		
63 °F	ESE	73 °F	845-1430 - RA 1830-2200 - RA		
Min. 59 °F	Vel. 6 m.p.h.	Read. 29.07 in.	Clds. 10/10	Clds. 1300	Clds. 1900
Set 60 °F	Char. 11044	Corr. 28.94 in.			
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.28 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10
Ppn. Liq. 1.25 in.	Prev. Dir. —	3 hr. Tend. 1.28 mb	Wx overcast	Wx overcast distant fog	Wx
Ppn. Sol. 0.00 in.	Snow Depth 0.0 in.	Observer ASJ	Vis. 20 mi.	Vis. 10 mi.	Vis. 20 mi.

Friday, October 13, 2017 0700 EST

Temp.	Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Dir.	Temp	General Obs.		
60 °F	SE	73 °F	-DZ: 1640-1730		
Min. 54 °F	Vel. 3 m.p.h.	Read. 29.17 in.	Clds. 0700	Clds. 1300	Clds. 1900
Set 54 °F	Char. Light	Corr. 29.05 in.			
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.42 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ±0.0 mb	Wx	Wx light fog	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer ORL	Vis. 15 mi.	Vis. 10 mi.	Vis. 20 mi.

Saturday, October 14, 2017 0700 EST

Temp.	Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Dir.	Temp	General Obs.		
59 °F	—	71 °F	-DZ: 2130-2215		
Min. 54 °F	Vel. 0 m.p.h.	Read. 29.18 in.	Clds. 0700	Clds. 1300	Clds. 1900
Set 59 °F	Char. Calm	Corr. 29.07 in.			
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.42 in.	Clds. 10/10	Clds. 1300	Clds. 1900
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ±0.0 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer ORL	Vis. 15 mi.	Vis. 15 mi.	Vis. 15 mi.

Sunday October 15, 2017 0700 EST

Temp.	Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Dir.	Temp	General Obs.		
62 °F	SW	72 °F	3006-2030 SHRA 0240-0253 - SHRA		
Min. 59 °F	Vel. 7 m.p.h.	Read. 28.85 in.	Clds. 0700	Clds. 1300	Clds. 1900
Set 60 °F	Char. Light	Corr. 28.72 in.			
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx	Wx	Wx showers in distance
Ppn. Sol. 0.00 in.	Snow Depth 0.0 in.	Observer MPE	Vis. 4 mi.	Vis. 5 mi.	Vis. 5 mi.

Monday October 16, 2017 0700 EST

Temp.	Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Dir.	Temp	General Obs.		
78 °F	NNW	72 °F	3006-2030 SHRA 0240-0253 - SHRA		
Min. 48 °F	Vel. 10 m.p.h.	Read. 28.94 in.	Clds. 0700	Clds. 1300	Clds. 1900
Set 49 °F	Char. gentle breeze	Corr. 28.82 in.			
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. 10/10	Clds. 4/10	Clds. 0/10
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. 1.35 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AMT	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Tuesday October 17, 2017 0700 EST

Temp.	Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Dir.	Temp	General Obs.		
57 °F	NNW	72 °F	OVNT LOW: 41		
Min. 34 °F	Vel. 2 m.p.h.	Read. 29.6 in.	Clds. 0700	Clds. 1300	Clds. 1900
Set 37 °F	Char. Light	Corr. 29.03 in.			
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.44 in.	Clds. 0/10	Clds. 0/10	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PDM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Wednesday Oct. 18<sup>th</sup> 2017 0700 EST

Temp.	Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Dir.	Temp	General Obs.		
60 °F	—	72 °F	OVNT LOW: 41		
Min. 36 °F	Vel. 0 m.p.h.	Read. 29.19 in.	Clds. 0700	Clds. 1300	Clds. 1900
Set 42 °F	Char. Calm	Corr. 29.07 in.			
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.51 in.	Clds. 0/10	Clds. 0/10	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 1.15 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ASJ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Thursday Oct 19<sup>th</sup> 2017 0700 EST

Temp.	Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Dir.	Temp	General Obs.		
69 °F	W	73 °F	OVNT LOW: 44		
Min. 42 °F	Vel. 3 m.p.h.	Read. 29.05 in.	Clds. 0700	Clds. 1300	Clds. 1900
Set 44 °F	Char. Light	Corr. 28.92 in.			
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds. 0/10	Clds. 1/10	Clds. 1/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 1.05 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MSL	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Friday, October 20, 2017 0700 EST

Temp.	Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Dir.	Temp	General Obs.		
70 °F	WNW	73 °F	OVNT LOW: 48		
Min. 44 °F	Vel. 1 m.p.h.	Read. 29.07 in.	Clds. 0700	Clds. 1300	Clds. 1900
Set 49 °F	Char. Light	Corr. 28.95 in.			
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. 3/10	Clds. 1/10	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 1.15 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer ORL	Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 70 T<sub>DAVIS</sub>: 63/56 T<sub>w</sub>: 58  
 HDD: 0 T<sub>UNV</sub>: 61/55 T<sub>d</sub>: 55  
 ΣHDD: 46 T<sub>MNTS</sub>: 78/61/62  
 COD: 5  
 ΣCOD: 31  
 ΣPEN<sub>L</sub>: 1.16"  
 ΣPEN<sub>S</sub>: 0.0"

T: 61 T<sub>DAVIS</sub>: 60/56 T<sub>w</sub>: 58  
 HDD: 4 T<sub>UNV</sub>: 59/55 T<sub>d</sub>: 57  
 ΣHDD: 50 T<sub>MNTS</sub>: 78/68/59  
 COD: 0  
 ΣCOD: 31  
 ΣPEN<sub>L</sub>: 2.41"  
 ΣPEN<sub>S</sub>: 0.0"

T: 59 T<sub>DAVIS</sub>: 54/49 T<sub>w</sub>: 51  
 HDD: 8 T<sub>UNV</sub>: 54/48 T<sub>d</sub>: 49  
 ΣHDD: 58 T<sub>MNTS</sub>: 59/53/53  
 COD: 0  
 ΣCOD: 31  
 ΣPEN<sub>L</sub>: 2.41"  
 ΣPEN<sub>S</sub>: 0.0"

T: 57 T<sub>DAVIS</sub>: 58/56 T<sub>w</sub>: 57  
 HDD: 8 T<sub>UNV</sub>: 57/55 T<sub>d</sub>: 56  
 ΣHDD: 66 T<sub>MNTS</sub>: 57/53/57  
 COD: 0  
 ΣCOD: 31  
 ΣPEN<sub>L</sub>: 2.41"  
 ΣPEN<sub>S</sub>: 0.0"

10/13/17

10/14/17

T: 61 T<sub>DAVIS</sub>: 60/58 T<sub>w</sub>: 59  
 HDD: 4 T<sub>UNV</sub>: 59/59 T<sub>d</sub>: 58  
 ΣHDD: 76 T<sub>MNTS</sub>: 61/57/59  
 COD: 0  
 ΣCOD: 31  
 ΣPEN<sub>L</sub>: 2.41"  
 ΣPEN<sub>S</sub>: 0.0"

10/15/17

10/16/17

T: 46 T<sub>MNTS</sub>: 56/33/35 T<sub>w</sub>: 36  
 HPP: 19 T<sub>UNV</sub>: 32/32 T<sub>d</sub>: 35  
 ΣHDD: 91 T<sub>DAVIS</sub>: 36/33  
 COD: 0  
 ΣCOD: 31

T: 48 T<sub>MNTS</sub>: 60/34/40 T<sub>w</sub>: 39  
 HDD: 17 T<sub>UNV</sub>: 43/37 T<sub>d</sub>: 35  
 ΣHDD: 108 T<sub>DAVIS</sub>: 42/38  
 COD: 0  
 ΣCOD: 31  
 ΣPEN<sub>L</sub>: 2.48"  
 ΣPEN<sub>S</sub>: 0.0"

10/17/17

10/18/17

T: 66 T<sub>MNTS</sub>: 68/41/42 T<sub>w</sub>: 42  
 HDD: 9 T<sub>UNV</sub>: 41/41 T<sub>d</sub>: 40  
 ΣHDD: 117 T<sub>DAVIS</sub>: 43/41

T: 57 T<sub>DAVIS</sub>: 49/45 T<sub>w</sub>: 46.5  
 HDD: 8 T<sub>UNV</sub>: 48/45 T<sub>d</sub>: 45  
 ΣHDD: 125 T<sub>MNTS</sub>: 70/42/47  
 COD: 0  
 ΣCOD: 31  
 ΣPEN<sub>L</sub>: 2.48"  
 ΣPEN<sub>S</sub>: 0.0"

10/19/17

ΣPEN<sub>L</sub>: 2.48"  
 ΣPEN<sub>S</sub>: 0.0"

Saturday, October 21, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 70 °F	Dir. —	Temp 72 °F			
Min. 43 °F	Vel. 0 m.p.h.	Read. 29.18 in.			
Set 44 °F	Char. calm	Corr. 29.06 in.			
R.H. 89 %	24 hr. Mov. —	Sea L. 30.55 in.	Clds. 3/10 ci	Clds. —	Clds. 8/10 ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 29.05 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MRL	Vis. 25 mi.	Vis. —	Vis. 25 mi.

Sunday, October 22, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 69 °F	Dir. —	Temp 73 °F			
Min. 44 °F	Vel. 0 m.p.h.	Read. 29.21 in.			
Set 46 °F	Char. calm	Corr. 29.11 in.			
R.H. 93 %	24 hr. Mov. —	Sea L. 30.49 in.	Clds. 8/10 ci	Clds. —	Clds. 2/10 st/cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 29.05 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MRL	Vis. 25 mi.	Vis. —	Vis. 25 mi.

Monday, October 23, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 72 °F	Dir. S	Temp 73 °F			
Min. 46 °F	Vel. 5 m.p.h.	Read. 29.04 in.			
Set 59 °F	Char. Light breeze	Corr. 28.92 in.			
R.H. 84 %	24 hr. Mov. —	Sea L. 30.21 in.	Clds. 9/10 st/cu	Clds. 10/10 st/cu	Clds. 9/10 st/cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 29.05 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AMT	Vis. 20 mi.	Vis. 20 mi.	Vis. 25 mi.

Tuesday, October 24, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 67 °F	Dir. SW	Temp 73 °F			
Min. 54 °F	Vel. 2 m.p.h.	Read. 28.62 in.			
Set 54 °F	Char. Light	Corr. 28.49 in.			
R.H. 86 %	24 hr. Mov. —	Sea L. 29.82 in.	Clds. 1/10 st/cu	Clds. —	Clds. —
Ppn. Liq. 0.39 in.	Prev. Dir. —	3 hr. Tend. 29.10 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PDM	Vis. 25 mi.	Vis. —	Vis. —

Wednesday, Oct 25th 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 66 °F	Dir. WSW	Temp 72 °F			
Min. 42 °F	Vel. 10 m.p.h.	Read. 28.65 in.			
Set 44 °F	Char. Steady	Corr. 28.53 in.			
R.H. 70 %	24 hr. Mov. —	Sea L. 29.95 in.	Clds. 1/10 Ac	Clds. 10/10 SC	Clds. 6/10 sc/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 29.05 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AJ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Thursday, Oct 26, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 48 °F	Dir. WNW	Temp 72 °F			
Min. 42 °F	Vel. 2 m.p.h.	Read. 28.72 in.			
Set 44 °F	Char. Light	Corr. 28.60 in.			
R.H. 71 %	24 hr. Mov. —	Sea L. 29.97 in.	Clds. 7/10 SC	Clds. 7/10 SC	Clds. 1/10 SC
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 29.05 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MSL	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

Friday, October 27, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 51 °F	Dir. —	Temp 73 °F			
Min. 34 °F	Vel. 0 m.p.h.	Read. 28.83 in.			
Set 36 °F	Char. Calm	Corr. 28.71 in.			
R.H. 85 %	24 hr. Mov. —	Sea L. 30.11 in.	Clds. 2/10 Cirrus	Clds. 2/10 C	Clds. 2/10 C
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 29.05 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer ORL	Vis. 10 mi.	Vis. 25 mi.	Vis. 25 mi.

Saturday, October 28, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 61 °F	Dir. —	Temp 72 °F			
Min. 36 °F	Vel. 0 m.p.h.	Read. 28.83 in.			
Set 50 °F	Char. calm	Corr. 28.60 in.			
R.H. 86 %	24 hr. Mov. —	Sea L. 29.93 in.	Clds. 3/10 Cirrus	Clds. —	Clds. 10/10 st
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 29.05 mb	Wx	Wx	Wx
Ppn. Sol. 0.00 in.	Snow Depth 0.00 in.	Observer MRL	Vis. 25 mi.	Vis. —	Vis. 15 mi.

Sunday, October 29, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 62 °F	Dir. —	Temp 72 °F			
Min. 45 °F	Vel. 0 m.p.h.	Read. 28.64 in.			
Set 46 °F	Char. calm	Corr. 28.51 in.			
R.H. 100 %	24 hr. Mov. —	Sea L. 29.87 in.	Clds. 10/10 st	Clds. —	Clds. 10/10 st
Ppn. Liq. 1.33 in.	Prev. Dir. —	3 hr. Tend. 29.05 mb	Wx	Wx	Wx
Ppn. Sol. 0.00 in.	Snow Depth 0.0 in.	Observer MRL	Vis. 2 mi.	Vis. —	Vis. 2-3 mi.

Monday, October 30, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.			
Max. 47 °F	Dir. W	Temp 71 °F			
Min. 38 °F	Vel. 14 m.p.h.	Read. 28.36 in.			
Set 43 °F	Char. moderate gusty	Corr. 28.24 in.			
R.H. 70 %	24 hr. Mov. —	Sea L. 29.55 in.	Clds. 10/10 st	Clds. 7/10 SC	Clds. 1/10 st/cu
Ppn. Liq. 2.12 in.	Prev. Dir. —	3 hr. Tend. 29.05 mb	Wx	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AMT	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

T 57 T<sub>Davis</sub>: 47/40 T<sub>w</sub>: 42.5  
 HDD: 8 T<sub>UNV</sub>: 39/37 T<sub>D</sub>: 41  
 ΣHDD: 133 T<sub>MNTS</sub>: 70/41/42  
 CDD: 0  
 ΣCDD: 31  
 ΣPCNL: 2.48"  
 ΣPCNS: 0.0"

T 57 T<sub>Davis</sub>: 49/45 T<sub>w</sub>: 45  
 HDD: 8 T<sub>UNV</sub>: 43/43 T<sub>D</sub>: 44  
 ΣHDD: 141 T<sub>MNTS</sub>: 70/42/44  
 CDD: 0  
 ΣCDD: 31  
 ΣPCNL: 2.48"  
 ΣPCNS: 0.0"

10/22/17

T: 59 T<sub>Davis</sub>: 59/54 T<sub>w</sub>: 57  
 HDD: 6 T<sub>UNV</sub>: 55/52 T<sub>D</sub>: 54  
 ΣHDD: 147 T<sub>MNTS</sub>: 72/42/58  
 CDD: 0  
 ΣCDD: 31  
 ΣPCNL: 2.48"  
 ΣPCNS: 0.0"

T: 61 T<sub>Davis</sub>: 55/51 T<sub>w</sub>: 52  
 HDD: 4 T<sub>UNV</sub>: 52/50 T<sub>D</sub>: 50  
 ΣHDD: 151 T<sub>MNTS</sub>: 67/53/53  
 CDD: 0  
 ΣCDD: 31  
 ΣPCNL: 2.87"  
 ΣPCNS: 0.0"

10/13/17

T: 54 T<sub>Davis</sub>: 43/37 T<sub>w</sub>: 40  
 HDD: 11 T<sub>UNV</sub>: 39/36 T<sub>D</sub>: 35  
 ΣHDD: 162 T<sub>MNTS</sub>: 66/41/42  
 CDD: 0  
 ΣCDD: 31  
 ΣPCNL: 2.87"  
 ΣPCNS: 0.0"

T: 45 T<sub>Davis</sub>: 43/37 T<sub>w</sub>: 41  
 HDD: 20 T<sub>UNV</sub>: 43/36 T<sub>D</sub>: 37  
 ΣHDD: 182 T<sub>MNTS</sub>: 66/41/42  
 CDD: 0  
 ΣCDD: 31  
 ΣPCNL: 2.87"  
 ΣPCNS: 0.0"

10/25/17

10/26/17

T: 43 T<sub>Davis</sub>: 35/33 T<sub>w</sub>: 33.5  
 HDD: 22 T<sub>UNV</sub>: 32/32 T<sub>D</sub>: 32  
 ΣHDD: 204 T<sub>MNTS</sub>: 50/33/34  
 CDD: 0  
 ΣCDD: 31  
 ΣPCNL: 2.87"  
 ΣPCNS: 0.0"

T: 49 T<sub>Davis</sub>: 51/51 T<sub>w</sub>: 48  
 HDD: 16 T<sub>UNV</sub>: 52/43 T<sub>D</sub>: 46  
 ΣHDD: 230 T<sub>MNTS</sub>: 61/34/50  
 CDD: 0  
 ΣCDD: 31  
 ΣPCNL: 2.87"  
 ΣPCNS: 0.0"

10/28/17

10/27/17

T: 54 T<sub>Davis</sub>: T<sub>w</sub>: 46  
 HDD: 11 T<sub>UNV</sub>: 45/45 T<sub>D</sub>: 46  
 ΣHDD: 231 T<sub>MNTS</sub>: 62/43/44  
 CDD: 0  
 ΣCDD: 31

T: 43 T<sub>Davis</sub>: 42/34 T<sub>w</sub>: 39  
 HDD: 22 T<sub>UNV</sub>: 41/34 T<sub>D</sub>: 34  
 ΣHDD: 253 T<sub>MNTS</sub>: 47/38/41  
 CDD: 0  
 ΣCDD: 31

ΣPCNL: 4.30"  
 ΣPCNS: 0.00"

ΣPCNL: 6.32"  
 ΣPCNS: 0.00"

10/29/17

10/30/17

Tuesday, October 31, 2017 0700 EST

General Obs.

PA  
0900-0930 LT  
-DZ 2130-2230 LT

Temp.		Wind		Barom.		General Obs.			
Max.	48 °F	Dir.	W	Temp	71 °F	0700	1300	1900	
Min.	37 °F	Vel.	10 m.p.h.	Read.	28.83 in.				
Set	38 °F	Char.	Breezy	Corr.	28.71 in.				
R.H.	76 %	24 hr. Mov.	— mi.	Sea L.	30.09 in.	Clds.	3/10	Clds.	9/10
Ppn. Liq.	— in.	Prev. Dir.	—	3 hr. Tend.	+3.0 mb	Wx	Statocū	5c	
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	PDM	Wx	Breeze	Clear	
				Vis.	25 mi.	Wx	Clear	Clear	
				Vis.	25 mi.	Wx	Clear	Clear	
				Vis.	25 mi.	Wx	Clear	Clear	

FF: 43	TONS: 38/32	TW: 35
HDD: 22	TUNN: 37/32	TD: 31
EHDD: 275	TMMTS: 48/36/37	
CDD: 0		
ECDD: 31		
ERML: 6.32"		
ERNs: 0.0"		

WET TEMPS

$\bar{T}_{max}$ :	65.8°F
$\bar{T}_{min}$ :	47.8°F
$\bar{T}_{wet}$ :	56.82°F
	+5.06°F

10/31/17