

Saturday July 1, 2017 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 86 °F	Dir. —	76 °F	75	1600-1630			
Min. 71 °F	Vel. 3 m.p.h.	Read. 28.74 in.					
Set	Char. —	Corr. 28.84 in.					
R.H. 73 %	24 hr. Mov. Calm	Sea L. 28.90					
Ppn. Liq. 87 %	Prev. Dir. —	3 hr. Tend. 29.90					
Ppn. Sol. 0.0 in.	Snow Depth —	Observer 10.0 mb					
		Observer MRL					

Sunday July 2, 2017 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 81 °F	Dir. WSW	74 °F	+RA 1100-1230				
Min. 66 °F	Vel. 5 m.p.h.	Read. 28.87 in.	TSRA 1300-1330				
Set	Char. Breezy	Corr. 28.75 in.	-RA 0200-0300				
R.H. 76 %	24 hr. Mov. —	Sea L. 30.06 in.					
Ppn. Liq. 0.80 in.	Prev. Dir. —	3 hr. Tend. 30.11 in.					
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer 4.0 mb					
		Observer CRL					

Monday July 3, 2017 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 82 °F	Dir. WSW	75 °F					
Min. 65 °F	Vel. 3 m.p.h.	Read. 28.78 in.					
Set	Char. —	Corr. 28.78 in.					
R.H. 69 %	24 hr. Mov. Light	Sea L. 28.65 in.					
Ppn. Liq. 81 %	Prev. Dir. —	3 hr. Tend. 29.95 in.					
Ppn. Sol. 0.00 in.	Snow Depth —	Observer 4.05 mb					
		Observer PDM					

Tuesday July 4, 2017 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 82 °F	Dir. —	74 °F	SHRA 0300-0400				
Min. 67 °F	Vel. —	Read. 28.96 in.					
Set	Char. Calm	Corr. 28.83 in.					
R.H. 68 %	24 hr. Mov. Calm	Sea L. 28.83 in.					
Ppn. Liq. 90 %	Prev. Dir. —	3 hr. Tend. 30.14 in.					
Ppn. Sol. 0.03 in.	Snow Depth —	Observer 4.0 mb					
		Observer MRL					

Wednesday July 5, 2017 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 79 °F	Dir. ENE	74 °F					
Min. 65 °F	Vel. 2 m.p.h.	Read. 29.01 in.					
Set	Char. Light	Corr. 28.89 in.					
R.H. 68 %	24 hr. Mov. Light	Sea L. 28.89 in.					
Ppn. Liq. 73 %	Prev. Dir. —	3 hr. Tend. 30.21 in.					
Ppn. Sol. 0.00 in.	Snow Depth —	Observer 4.15 mb					
		Observer CRL					

Thursday July 6, 2017 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 78 °F	Dir. E	74 °F	-RA 1515-1545				
Min. 67 °F	Vel. 4 m.p.h.	Read. 29.03 in.					
Set	Char. 1.9 m.p.h.	Corr. 28.90 in.					
R.H. 87 %	24 hr. Mov. —	Sea L. 30.21 in.					
Ppn. Liq. 7 in.	Prev. Dir. —	3 hr. Tend. —					
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer 8 mb					
		Observer Bm					

Friday July 7, 2017 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 71 °F	Dir. —	75 °F					
Min. 68 °F	Vel. —	Read. 28.23 in.					
Set	Char. Calm	Corr. 28.60 in.					
R.H. 90 %	24 hr. Mov. —	Sea L. 29.89 in.					
Ppn. Liq. 0.13 in.	Prev. Dir. —	3 hr. Tend. 30.5 mb					
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MRL					

Saturday July 8, 2017 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 81 °F	Dir. NSW	74 °F	+RA 1430-1530				
Min. 65 °F	Vel. 7 m.p.h.	Read. 28.78 in.	*GR 1445-1500				
Set	Char. Gusty	Corr. 28.66 in.	-RA 0200-0300				
R.H. 71 %	24 hr. Mov. —	Sea L. 29.96 in.					
Ppn. Liq. 0.33 in.	Prev. Dir. —	3 hr. Tend. 40.0 mb					
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer CRL					

Sunday July 9, 2017 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 76 °F	Dir. WSW	72 °F	DS SRA 0900-1000				
Min. 56 °F	Vel. 4 m.p.h.	Read. 28.92 in.	SHRA 1200-1300				
Set	Char. Light	Corr. 28.79 in.	*SHRA 1300-1300*				
R.H. 87 %	24 hr. Mov. —	Sea L. 30.12 in.					
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. 4.0 mb					
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MRL					

Monday July 10, 2017 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	0700	1300	1900
Max. 77 °F	Dir. —	74 °F					
Min. 59 °F	Vel. 0 m.p.h.	Read. 28.92 in.					
Set	Char. Calm	Corr. 28.79 in.					
R.H. 78 %	24 hr. Mov. —	Sea L. 30.11 in.					
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 4.0 mb					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PDM					

T: 79  
 HDD: 0  
 SHDD: 0  
 CDD: 14  
 SCDD: 14  
 T<sub>Davis</sub>: 7/1/69  
 T<sub>UNV</sub>: 72/68  
 T<sub>MNTS</sub>: 87/61/73  
 T<sub>w</sub>: 70.5  
 T<sub>D</sub>: 69

F: 74  
 HDD: 0  
 SHDD: 0  
 CDD: 8  
 SCDD: 23  
 T<sub>Davis</sub>: 71/66  
 T<sub>UNV</sub>: 70/64  
 T<sub>MNTS</sub>: 82/64/70  
 T<sub>w</sub>: 66  
 T<sub>D</sub>: 63

SPeNL: 0.33"  
 SPeNs: 0.11  
 7/1/17

SPeNL: 1.03"  
 SPeNs: 0.11  
 7/2/17

T: 74  
 HDD: 0  
 SHDD: 0  
 CDD: 9  
 SCDD: 32  
 T<sub>Davis</sub>: 68/64  
 T<sub>UNV</sub>: 70/63  
 T<sub>MNTS</sub>: 83/64/68  
 T<sub>w</sub>: 65  
 T<sub>D</sub>: 63

F: 75  
 HDD: 0  
 SHDD: 0  
 CDD: 10  
 SCDD: 42  
 T<sub>Davis</sub>: 68/65  
 T<sub>UNV</sub>: 68/64  
 T<sub>MNTS</sub>: 82/65/67  
 T<sub>w</sub>: 66  
 T<sub>D</sub>: 65

SPeNL: 1.03"  
 SPeNs: 0.0"  
 7/3/17

SPeNL: 1.06"  
 SPeNs: 0.05"  
 7/4/17

F: 72  
 HDD: 0  
 SHDD: 0  
 CDD: 7  
 SCDD: 49  
 T<sub>Davis</sub>: 68/59  
 T<sub>UNV</sub>: 64/57  
 T<sub>MNTS</sub>: 79/64/66  
 T<sub>w</sub>: 62  
 T<sub>D</sub>: 59

F: 73  
 HDD: 0  
 SHDD: 0  
 CDD: 8  
 SCDD: 70  
 T<sub>Davis</sub>: 77/66  
 T<sub>UNV</sub>: 68  
 T<sub>MNTS</sub>: 77/66/68  
 T<sub>w</sub>: 65  
 T<sub>D</sub>: 63

SPeNL: 1.06"  
 SPeNs: 0.00"  
 7/5/17

SPeNL: 1.06"  
 SPeNs: 0.00"  
 7/5/17

T: 70  
 HDD: 0  
 SHDD: 0  
 CDD: 5  
 SCDD: 62  
 T<sub>Davis</sub>: 69/68  
 T<sub>UNV</sub>: 68/66  
 T<sub>MNTS</sub>: 71/66/67  
 T<sub>w</sub>: 68  
 T<sub>D</sub>: 67

F: 73  
 HDD: 0  
 SHDD: 0  
 CDD: 8  
 SCDD: 70  
 T<sub>Davis</sub>: 67/62  
 T<sub>UNV</sub>: 66/61  
 T<sub>MNTS</sub>: 81/64/67  
 T<sub>w</sub>: 63  
 T<sub>D</sub>: 60

SPeNL: 1.19"  
 SPeNs: 0.00"  
 7/7/17

SPeNL: 1.52"  
 SPeNs: T (Hail)  
 7/8/17

F: 66  
 HDD: 0  
 SHDD: 0  
 CDD: 1  
 SCDD: 71  
 T<sub>Davis</sub>: 61/54  
 T<sub>UNV</sub>: 59/54  
 T<sub>MNTS</sub>: 76/54/60  
 T<sub>w</sub>: 57.5  
 T<sub>D</sub>: 56

F: 68  
 HDD: 0  
 SHDD: 0  
 CDD: 3  
 SCDD: 74  
 T<sub>Davis</sub>: 63/56  
 T<sub>UNV</sub>: 61/57  
 T<sub>MNTS</sub>: 77/58/62  
 T<sub>w</sub>: 59  
 T<sub>D</sub>: 56

SPeNL: 1.54"  
 SPeNs: T (Hail)  
 7/9/17

SPeNL: 1.54"  
 SPeNs: T (Hail)  
 7/10/17

Tuesday July 11th 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp	Temp
Max. 79 °F	Dir. —	74 °F	74 °F	74 °F	74 °F	74 °F
Min. 63 °F	Vel. 0 m.p.h.	Read. 28.80 in.	Read. 28.80 in.	Read. 28.80 in.	Read. 28.80 in.	Read. 28.80 in.
Set 68 °F	Char. Calm	Corr. 28.67 in.	Corr. 28.67 in.	Corr. 28.67 in.	Corr. 28.67 in.	Corr. 28.67 in.
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	Sea L. 29.97 in.	Sea L. 29.97 in.	Sea L. 29.97 in.	Sea L. 29.97 in.
Ppn. Liq. 0.09 in.	Prev. Dir. —	3 hr. Tend. ±0.0 mb	3 hr. Tend. ±0.0 mb	3 hr. Tend. ±0.0 mb	3 hr. Tend. ±0.0 mb	3 hr. Tend. ±0.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PDM	Observer PDM	Observer PDM	Observer PDM	Observer PDM
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Wednesday July 12, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp	Temp
Max. 83 °F	Dir. SW	74 °F	74 °F	74 °F	74 °F	74 °F
Min. 68 °F	Vel. 6 m.p.h.	Read. 28.91 in.	Read. 28.91 in.	Read. 28.91 in.	Read. 28.91 in.	Read. 28.91 in.
Set 75 °F	Char. Steady	Corr. 28.79 in.	Corr. 28.79 in.	Corr. 28.79 in.	Corr. 28.79 in.	Corr. 28.79 in.
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Sea L. 30.08 in.	Sea L. 30.08 in.	Sea L. 30.08 in.	Sea L. 30.08 in.
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	3 hr. Tend. +0.5 mb	3 hr. Tend. +0.5 mb	3 hr. Tend. +0.5 mb	3 hr. Tend. +0.5 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ORL	Observer ORL	Observer ORL	Observer ORL	Observer ORL
			Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.	Vis. 25 mi.

Thursday July 13, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp	Temp
Max. 83 °F	Dir. SW	75 °F	75 °F	75 °F	75 °F	75 °F
Min. 73 °F	Vel. 4 m.p.h.	Read. 28.88 in.	Read. 28.88 in.	Read. 28.88 in.	Read. 28.88 in.	Read. 28.88 in.
Set 75 °F	Char. Light	Corr. 28.76 in.	Corr. 28.76 in.	Corr. 28.76 in.	Corr. 28.76 in.	Corr. 28.76 in.
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Sea L. 30.06 in.	Sea L. 30.06 in.	Sea L. 30.06 in.	Sea L. 30.06 in.
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. ±0.0 mb	3 hr. Tend. ±0.0 mb	3 hr. Tend. ±0.0 mb	3 hr. Tend. ±0.0 mb	3 hr. Tend. ±0.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer ORL	Observer ORL	Observer ORL	Observer ORL	Observer ORL
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Friday July 14, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp	Temp
Max. 82 °F	Dir. SW	74 °F	74 °F	74 °F	74 °F	74 °F
Min. 69 °F	Vel. 3 m.p.h.	Read. 28.88 in.	Read. 28.88 in.	Read. 28.88 in.	Read. 28.88 in.	Read. 28.88 in.
Set 70 °F	Char. Light	Corr. 28.75 in.	Corr. 28.75 in.	Corr. 28.75 in.	Corr. 28.75 in.	Corr. 28.75 in.
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Sea L. 30.06 in.	Sea L. 30.06 in.	Sea L. 30.06 in.	Sea L. 30.06 in.
Ppn. Liq. 0.54 in.	Prev. Dir. —	3 hr. Tend. 0.0 mb	3 hr. Tend. 0.0 mb	3 hr. Tend. 0.0 mb	3 hr. Tend. 0.0 mb	3 hr. Tend. 0.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MRL	Observer MRL	Observer MRL	Observer MRL	Observer MRL
			Vis. 15 mi.	Vis. 20 mi.	Vis. 20 mi.	Vis. 25 mi.

Saturday July 15, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp	Temp
Max. 81 °F	Dir. W	74 °F	74 °F	74 °F	74 °F	74 °F
Min. 66 °F	Vel. 2 m.p.h.	Read. 28.87 in.	Read. 28.87 in.	Read. 28.87 in.	Read. 28.87 in.	Read. 28.87 in.
Set 69 °F	Char. Light	Corr. 28.75 in.	Corr. 28.75 in.	Corr. 28.75 in.	Corr. 28.75 in.	Corr. 28.75 in.
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Sea L. 30.06 in.	Sea L. 30.06 in.	Sea L. 30.06 in.	Sea L. 30.06 in.
Ppn. Liq. 0.96 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	3 hr. Tend. +1.0 mb	3 hr. Tend. +1.0 mb	3 hr. Tend. +1.0 mb	3 hr. Tend. +1.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer ORL	Observer ORL	Observer ORL	Observer ORL	Observer ORL
			Vis. 10 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Sunday July 16, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp	Temp
Max. 75 °F	Dir. W	74 °F	74 °F	74 °F	74 °F	74 °F
Min. 61 °F	Vel. 3 m.p.h.	Read. 28.89 in.	Read. 28.89 in.	Read. 28.89 in.	Read. 28.89 in.	Read. 28.89 in.
Set 65 °F	Char. Light	Corr. 28.76 in.	Corr. 28.76 in.	Corr. 28.76 in.	Corr. 28.76 in.	Corr. 28.76 in.
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.08 in.	Sea L. 30.08 in.	Sea L. 30.08 in.	Sea L. 30.08 in.	Sea L. 30.08 in.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	3 hr. Tend. +1.5 mb	3 hr. Tend. +1.5 mb	3 hr. Tend. +1.5 mb	3 hr. Tend. +1.5 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MRL	Observer MRL	Observer MRL	Observer MRL	Observer MRL
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Monday July 17th 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp	Temp
Max. 79 °F	Dir. ESE	74 °F	74 °F	74 °F	74 °F	74 °F
Min. 64 °F	Vel. 1 m.p.h.	Read. 28.78 in.	Read. 28.78 in.	Read. 28.78 in.	Read. 28.78 in.	Read. 28.78 in.
Set 68 °F	Char. Light	Corr. 28.65 in.	Corr. 28.65 in.	Corr. 28.65 in.	Corr. 28.65 in.	Corr. 28.65 in.
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Sea L. 29.95 in.	Sea L. 29.95 in.	Sea L. 29.95 in.	Sea L. 29.95 in.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.9 mb	3 hr. Tend. +1.9 mb	3 hr. Tend. +1.9 mb	3 hr. Tend. +1.9 mb	3 hr. Tend. +1.9 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PDM	Observer PDM	Observer PDM	Observer PDM	Observer PDM
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Tuesday July 18th 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp	Temp
Max. 86 °F	Dir. —	75 °F	75 °F	75 °F	75 °F	75 °F
Min. 65 °F	Vel. 0 m.p.h.	Read. 28.85 in.	Read. 28.85 in.	Read. 28.85 in.	Read. 28.85 in.	Read. 28.85 in.
Set 66 °F	Char. Calm	Corr. 28.72 in.	Corr. 28.72 in.	Corr. 28.72 in.	Corr. 28.72 in.	Corr. 28.72 in.
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Sea L. 29.99 in.	Sea L. 29.99 in.	Sea L. 29.99 in.	Sea L. 29.99 in.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +2.0 mb	3 hr. Tend. +2.0 mb	3 hr. Tend. +2.0 mb	3 hr. Tend. +2.0 mb	3 hr. Tend. +2.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer PDM	Observer PDM	Observer PDM	Observer PDM	Observer PDM
			Vis. ~2 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Wednesday July 19th 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp	Temp
Max. 87 °F	Dir. MSW	76 °F	76 °F	76 °F	76 °F	76 °F
Min. 66 °F	Vel. 0-1 m.p.h.	Read. 28.95 in.	Read. 28.95 in.	Read. 28.95 in.	Read. 28.95 in.	Read. 28.95 in.
Set 71 °F	Char. Calm	Corr. 28.83 in.	Corr. 28.83 in.	Corr. 28.83 in.	Corr. 28.83 in.	Corr. 28.83 in.
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Sea L. 30.14 in.	Sea L. 30.14 in.	Sea L. 30.14 in.	Sea L. 30.14 in.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	3 hr. Tend. +0.5 mb	3 hr. Tend. +0.5 mb	3 hr. Tend. +0.5 mb	3 hr. Tend. +0.5 mb
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer ORL	Observer ORL	Observer ORL	Observer ORL	Observer ORL
			Vis. 5 mi.	Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.

Thursday July 20th 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp	Temp
Max. 88 °F	Dir. WSW	76 °F	76 °F	76 °F	76 °F	76 °F
Min. 70 °F	Vel. 2 m.p.h.	Read. 29.02 in.	Read. 29.02 in.	Read. 29.02 in.	Read. 29.02 in.	Read. 29.02 in.
Set 73 °F	Char. Light	Corr. 28.89 in.	Corr. 28.89 in.	Corr. 28.89 in.	Corr. 28.89 in.	Corr. 28.89 in.
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 30.21 in.	Sea L. 30.21 in.	Sea L. 30.21 in.	Sea L. 30.21 in.	Sea L. 30.21 in.
Ppn. Liq. 0.09 in.	Prev. Dir. —	3 hr. Tend. — mb	3 hr. Tend. — mb	3 hr. Tend. — mb	3 hr. Tend. — mb	3 hr. Tend. — mb
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer BM	Observer BM	Observer BM	Observer BM	Observer BM
			Vis. 5 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 71  
 HDD: 0  
 ΣHDD: 0  
 CDD: 6  
 ΣCDD: 80  
 TDavis: 67/65  
 TUNV: 66/64  
 TMNTS: 79/62/66  
 Tw: 67  
 Td: 66

T: 76  
 HDD: 0  
 ΣHDD: 0  
 ADD: 11  
 ΣCDD: 91  
 TDavis: 74/67  
 TUNV: 73/68  
 TMNTS: 83/66/74  
 Tw: 70  
 Td: 68

ΣPENL: 1.63"  
 ΣPENS: T(Hail)  
 7/11/17

ΣPENL: 1.63"  
 ΣPENS: T(Hail)  
 7/12/17

T: 78  
 HDD: 0  
 ΣHDD: 0  
 CDD: 13  
 ΣCDD: 104  
 TDavis: 74/68  
 TUNV: 72/68  
 TMNTS: 83/73/74  
 Tw: 70  
 Td: 68

T: 76  
 HDD: 0  
 ΣHDD: 0  
 CDD: 11  
 ΣCDD: 115  
 TDavis: 69/67  
 TUNV: 68/68  
 TMNTS: 82/68/68  
 Tw: 68.5  
 Td: 68

ΣPENL: 1.64"  
 ΣPENS: T(Hail)  
 7/13/17

ΣPENL: 2.18"  
 ΣPENS: T(Hail)  
 7/14/17

T: 74  
 HDD: 0  
 ΣHDD: 0  
 CDD: 9  
 ΣCDD: 124  
 TDavis: 68/63  
 TUNV: 68/61  
 TMNTS: 82/65/68  
 Tw: 64  
 Td: 61

T: 68  
 HDD: 0  
 ΣHPP: 0  
 CDD: 3  
 ΣCDD: 127  
 TDavis: 64/64  
 TUNV: 63/61  
 TMNTS: 75/59/66  
 Tw: 65  
 Td: 64

ΣPENL: 3.14"  
 ΣPENS: T(Hail)  
 7/15/17

ΣPENL: 3.14"  
 ΣPENS: T(Hail)  
 7/16/17

T: 72  
 HDD: 0  
 ΣHDD: 0  
 CDD: 7  
 ΣCDD: 134  
 TDavis: 68/64  
 TUNV: 66/64  
 TMNTS: 79/65/67  
 Tw: 65  
 Td: 63

T: 76  
 HDD: 0  
 ΣHDD: 0  
 CDD: 11  
 ΣCDD: 145  
 TMNTS: 86/64/64  
 TUNV: 64/64  
 TDavis: 66/64  
 Tw: 65  
 Td: 65

ΣPENL: 3.14"  
 ΣPENS: T(Hail)  
 7/17/17

ΣPENL: 3.14" (Month)  
 ΣPENS: T(Hail)  
 7/18/17

T: 77  
 HDD: 0  
 ΣHDD: 0  
 CDD: 12  
 ΣCDD: 157  
 TDavis: 70/67  
 TUNV: 68/66  
 TMNTS: 86/64/69  
 Tw: 67  
 Td: 65

T: 79  
 HDD: 0  
 ΣHDD: 0  
 CDD: 14  
 ΣCDD: 171  
 TDavis: 88/69  
 TUNV: 72  
 TMNTS: 88/69/72  
 Tw: 68  
 Td: 68

ΣPENL: 3.14"  
 ΣPENS: T(Hail)  
 7/19/17

ΣPENL: 3.23"  
 ΣPENS: T(Hail)  
 7/20/17

Friday, July 21, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	0700	1300	1900
Max. 88 °F	Dir. W	Temp 77 °F	-SHRA 1915							
Min. 72 °F	Vel. 3 m.p.h.	Read. 28.85 in.								
Set 74 °F	Char. light	Corr. 28.71 in.								
R.H. 87 %	24 hr. Mov. —	Sea L. 30.01 in.								
Ppn. Liq. 1 in.	Prev. Dir. —	3 hr. Tend. 41.0 mb								
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MRL								
								8 mi.	25 mi.	25 mi.

Saturday, July 22, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	0700	1300	1900
Max. 87 °F	Dir. —	Temp 76 °F								
Min. 71 °F	Vel. 0 m.p.h.	Read. 28.88 in.								
Set 73 °F	Char. Calm	Corr. 28.75 in.								
R.H. 87 %	24 hr. Mov. —	Sea L. 30.05 in.								
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 41.0 mb								
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DRL								
								3 mi.	3 mi.	20 mi.

Sunday, July 23, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	0700	1300	1900
Max. 81 °F	Dir. —	Temp 75 °F	SHRA 1330-1515							
Min. 69 °F	Vel. 0 m.p.h.	Read. 28.84 in.	SHRA 1600-1730							
Set 71 °F	Char. Calm	Corr. 28.52 in.	0030-0330							
R.H. 94 %	24 hr. Mov. —	Sea L. 29.81 in.	0530-0600							
Ppn. Liq. 0.23 in.	Prev. Dir. —	3 hr. Tend. 41.0 mb								
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MRL								
								3 mi.	15 mi.	15 mi.

Monday, July 24, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	0700	1300	1900
Max. 85 °F	Dir. —	Temp 76 °F	-DZ 0815-0830							
Min. 66 °F	Vel. 0 m.p.h.	Read. 28.68 in.	-SHRA 1500-1515							
Set 67 °F	Char. Calm	Corr. 28.54 in.	0115-0145							
R.H. 97 %	24 hr. Mov. —	Sea L. 29.84 in.	-DZ 0015-0200							
Ppn. Liq. 0.20 in.	Prev. Dir. —	3 hr. Tend. 40.5 mb	SHRA 0230-0345							
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MRL								
								3 mi.	3 mi.	25 mi.

Tuesday, July 25, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	0700	1300	1900
Max. 82 °F	Dir. NW	Temp 74 °F	-DZ 0815-0830							
Min. 64 °F	Vel. 8 m.p.h.	Read. 28.91 in.	0715-0730							
Set 65 °F	Char. Breeze	Corr. 28.78 in.								
R.H. 84 %	24 hr. Mov. —	Sea L. 30.11 in.								
Ppn. Liq. 1 in.	Prev. Dir. —	3 hr. Tend. 41.5 mb								
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MRL								
								25 mi.	25 mi.	25 mi.

Wednesday, July 26, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	0700	1300	1900
Max. 70 °F	Dir. ENE	Temp 73 °F	+DZ 0900-0930							
Min. 57 °F	Vel. 1 m.p.h.	Read. 29.11 in.								
Set 60 °F	Char. Calm	Corr. 28.99 in.								
R.H. 90 %	24 hr. Mov. —	Sea L. 30.33 in.								
Ppn. Liq. 1 in.	Prev. Dir. —	3 hr. Tend. 41.0 mb								
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ORL								
								<1 mi.	25 mi.	25 mi.

Thursday, July 27, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	0700	1300	1900
Max. 77 °F	Dir. SW	Temp 74 °F	*OUNTLOW: 68							
Min. 60 °F	Vel. 2 m.p.h.	Read. 28.97 in.								
Set 70 °F	Char. Calm	Corr. 28.85 in.								
R.H. 80 %	24 hr. Mov. —	Sea L. 30.15 in.								
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 41.5 mb								
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MRL								
								20 mi.	20 mi.	20 mi.

Friday, July 28, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	0700	1300	1900
Max. 83 °F	Dir. —	Temp 74 °F								
Min. 67 °F	Vel. —	Read. 28.75 in.								
Set 69 °F	Char. Calm	Corr. 28.62 in.								
R.H. 94 %	24 hr. Mov. —	Sea L. 29.92 in.								
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 40.5 mb								
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MRL								
								2 mi.	20 mi.	3 mi.

Saturday, July 29, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	0700	1300	1900
Max. 78 °F	Dir. NE	Temp 72 °F	-DZ 1830-1900							
Min. 57 °F	Vel. 4 m.p.h.	Read. 28.76 in.	R, TSM 1900-2000							
Set 59 °F	Char. gusty	Corr. 28.63 in.	*RA 2000-0600							
R.H. 93 %	24 hr. Mov. —	Sea L. 29.96 in.	*RA 2000-0600							
Ppn. Liq. 1.40 in.	Prev. Dir. —	3 hr. Tend. 41.0 mb								
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MRL								
								25 mi.	25 mi.	25 mi.

Sunday, July 30, 2017 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	0700	1300	1900
Max. 72 °F	Dir. —	Temp 73 °F								
Min. 51 °F	Vel. —	Read. 28.93 in.								
Set 56 °F	Char. Calm	Corr. 28.80 in.								
R.H. 93 %	24 hr. Mov. —	Sea L. 30.14 in.								
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 41.6 mb								
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MRL								
								25 mi.	25 mi.	25 mi.

T 80  
 HDD 0  
 SHDD 0  
 COD 15  
 SCOD 186

T Davis 74/70 Tw 71.5  
 Tunv 75/70 To 70  
 Tmmts 88/71/74

F: 79  
 HDD: 0  
 SHDD: 0  
 COD: 14  
 SCOD: 200

T Davis: 74/71 Tw: 70.5  
 Tunv: 70/68 To: 69  
 Tmmts: 87/69/73

SPNL 3.23"  
 SPNS T(Hail)

7/21/17

SPNL: 3.23"  
 SPNS: T(Hail)

7/22/17

T 75  
 HDD 0  
 SHDD 0  
 COD 10  
 SCOD 210

T Davis 70/69 Tw 69.5  
 Tunv 68/68 To 69  
 Tmmts 81/62/70

F 76  
 HDD 0  
 SHDD 0  
 COD 11  
 SCOD 221

T Davis 67/65 Tw: 66  
 Tunv 66/64 To 66  
 Tmmts 85/65/66

SPNL 3.46"  
 SPNS T(Hail)

7/23/17

SPNL 3.46"  
 SPNS T(Hail)

7/24/17

T 73  
 HDD 0  
 SHDD 0  
 COD 8  
 SCOD 229

T Davis 65/59 Tw 61.5  
 Tunv 64/57 To 60  
 Tmmts 82/62/64

F: 64  
 HDD: 1  
 SHDD: 1  
 COD: 0  
 SCOD: 229

T Davis: 60/57 Tw: 58  
 Tunv: 55/55 To: 57  
 Tmmts: 70/55/59

SPNL 3.66"  
 SPNS T(Hail)

7/25/17

SPNL: 3.66"  
 SPNS: T(Hail)

7/26/17

T 69  
 HDD 0  
 SHDD: 1  
 COD: 4  
 SCOD: 233

T Davis: 77/59 Tw: 66  
 Tunv: 64 To: 65  
 Tmmts: 77/59/69

F 75  
 HDD 0  
 SHDD 1  
 COD 10  
 SCOD 243

T Davis 68/66 Tw 67.5  
 Tunv 68/66 To 67  
 Tmmts 83/61/67

SPNL: 3.66"  
 SPNS: T(Hail)

7/27/17

SPNL 3.66"  
 SPNS T(Hail)

7/28/17

T 68  
 HDD 0  
 SHDD 1  
 COD 3  
 SCOD 246

T Davis 60/56 Tw 58  
 Tunv 59/55 To 57  
 Tmmts 76/55/56

F 62  
 HDD 3  
 SHDD 4  
 COD 0  
 SCOD 246

T Davis 59/52 Tw 55  
 Tunv 54/54 To 54  
 Tmmts 72/49/57

SPNL 5.06"  
 SPNS T(Hail)

7/29/17

SPNL 5.06"  
 SPNS T(Hail)

7/30/17

Monday July 31, 2017

0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

Temp.	Wind	Barom.	*OVNT LOW: 64		
Max. 79 °F	Dir. NE	Temp 73 °F			
Min. 56 * °F	Vel. 1 m.p.h.	Read. 29.02 in.			
Set 65 °F	Char. Light	Corr. 28.90 in.			
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	0700	1300	1900
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 41.0 mb	Clds: 1/0 Cu	Clds: 2/10 Cu	Clds: 4/10 Cu
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer CRL	Wx Fog	Wx ☁	Wx
			Vis. 8 mi.	Vis. 25 mi.	Vis. 25 mi.

T: G8  
HDD: 0  
Z HDD: 4  
QDD: 3  
SCDD: 249

T Davis: 64/62  
T UNV: 63/61  
T MTS: 79/57/64

T W: 63  
T D: 62

SRNL: 5.06"  $\bar{T}_{max}$  80.50 F  
SRNS: T (Hail)  $\bar{T}_{min}$  64.60 F  
 $\bar{T}_{SUL}$  72.60 + 1.08

JULY TEMPS

7/31/17