

FRIDAY JULY 1, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	*OVN TLOW: 62		
Max. 78 °F	Dir. M1	Temp 78 °F	Read. 28.92 in.		
Min. 61 °F	Vel. M1 m.p.h.	Read. 28.92 in.	Corr. 28.92 in.		
Set 65 °F	Char. Calm	Corr. 28.92 in.	0700	1300	1900
R.H. 79 %	24 hr. Mov. —	Sea L. 30.00 in.	Clds. Cirr. 9/10 cu.	Clds. Cirr. 6/10 cu.	Clds. Cu 5/10 cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx —	Wx —	Wx pt cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer CML	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Saturday July 2, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	-SMA 1710-1730 LT		
Max. 80 °F	Dir. N	Temp 76 °F	Read. 28.92 in.		
Min. 57 °F	Vel. 6 m.p.h.	Read. 28.92 in.	Corr. 28.79 in.		
Set 60 °F	Char. Light	Corr. 28.79 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. —	Sea L. 30.08 in.	Clds. CV/ Cirrus 4/10	Clds. Cirrus	Clds. 8/10 Stratus
Ppn. Liq. 7 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx pt-sunny	Wx Wx	Wx mostly cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer AMF	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Sunday July 3, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.			
Max. 73 °F	Dir. SW	Temp 76 °F	Read. 29.02 in.		
Min. 56 °F	Vel. 0 m.p.h.	Read. 29.02 in.	Corr. 29.02 in.		
Set 60 °F	Char. Very light	Corr. 28.885 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. —	Sea L. 30.18 in.	Clds. 4/10 Cirrus	Clds. Cirrus	Clds. 4/10 Cirrus
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx Partly cloudy	Wx Partly cloudy	Wx Mostly cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer RAD	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

Monday July 4, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.			
Max. 75 °F	Dir. ENE	Temp 77 °F	Read. 29.02 in.		
Min. 58 °F	Vel. 1 m.p.h.	Read. 29.02 in.	Corr. 28.88 in.		
Set 60 °F	Char. Very light	Corr. 28.88 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. —	Sea L. 30.19 in.	Clds. 8/10 Alas	Clds. 10/10 Stratus	Clds. 10/10 Stratus
Ppn. Liq. 6.60 in.	Prev. Dir. —	3 hr. Tend. +7 mb	Wx Mostly cloudy	Wx Haze	Wx Light Rain
Ppn. Sol. 6.0 in.	Snow Depth 0.0 in.	Observer MGL	Vis. 20 mi.	Vis. 15 mi.	Vis. 1 mi.

Tuesday July 5, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	*OVN T LOW: 68 -RA 17:39-18:50 LT -RA 19:18-22:37 LT		
Max. 73 °F	Dir. SSW	Temp 76 °F	Read. 28.74 in.		
Min. 60 °F	Vel. 3 m.p.h.	Read. 28.74 in.	Corr. 28.60 in.		
Set 69 °F	Char. Light	Corr. 28.60 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. —	Sea L. 29.89 in.	Clds. 10/10 Stratus	Clds. 8/10 Cumulus	Clds. 4/10 Cirrus
Ppn. Liq. 0.15 in.	Prev. Dir. —	3 hr. Tend. +5 mb	Wx Haze overcast	Wx Breeze	Wx Partly cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MSL	Vis. 10 mi.	Vis. 20 mi.	Vis. 20 mi.

Wednesday July 6, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	OVN T LOW: 70		
Max. 84 °F	Dir. —	Temp 77 °F	Read. 28.79 in.		
Min. 68 °F	Vel. 0 m.p.h.	Read. 28.79 in.	Corr. 28.65 in.		
Set 71 °F	Char. Calm	Corr. 28.65 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. —	Sea L. 29.96 in.	Clds. 9/10 Stratus	Clds. 5/10 Cumulus	Clds. 2/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Haze	Wx Haze + Light breeze	Wx Light breeze
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer PDM	Vis. 10 mi.	Vis. 20 mi.	Vis. 25 mi.

THURSDAY JULY 7, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.			
Max. 88 °F	Dir. SW	Temp 78 °F	Read. 29.72 in.		
Min. 71 °F	Vel. 0 m.p.h.	Read. 29.72 in.	Corr. 28.56 in.		
Set 74 °F	Char. Light	Corr. 28.56 in.	0700	1300	1900
R.H. 92 %	24 hr. Mov. —	Sea L. 29.88 in.	Clds. ST. 9/10 cu.	Clds. ST. 9/10 cu.	Clds. Cu 5/10 cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer CML	Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.

FRIDAY JULY 8, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.			
Max. 85 °F	Dir. WSW	Temp 77 °F	Read. 28.71 in.		
Min. 70 °F	Vel. 3 m.p.h.	Read. 28.71 in.	Corr. 28.57 in.		
Set 74 °F	Char. Light	Corr. 28.57 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. —	Sea L. 29.85 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. 9/10 CS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.8 mb	Wx H2	Wx -RA	Wx mostly cloudy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WJS	Vis. 8 mi.	Vis. 4 mi.	Vis. 25 mi.

Saturday July 9, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.			
Max. 79 °F	Dir. SW	Temp 76 °F	Read. 29.76 in.		
Min. 71 °F	Vel. 6 m.p.h.	Read. 29.76 in.	Corr. 28.63 in.		
Set 73 °F	Char. Light	Corr. 28.63 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. —	Sea L. 29.91 in.	Clds. 4/10 CU/CF	Clds. Cirrus	Clds. 3/10 Cumulus
Ppn. Liq. 0.49 in.	Prev. Dir. —	3 hr. Tend. 0 mb	Wx Haze	Wx Wx	Wx slight breeze
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AMF	Vis. 4 mi.	Vis. 20 mi.	Vis. 20 mi.

Sunday July 10, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.			
Max. 84 °F	Dir. W	Temp 77 °F	Read. 29.97 in.		
Min. 65 °F	Vel. 5 m.p.h.	Read. 29.97 in.	Corr. 28.67 in.		
Set 67 °F	Char. Light	Corr. 28.67 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. —	Sea L. 29.97 in.	Clds. 9/10 Stratus	Clds. Cirrus	Clds. 7/10 Stratus
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Light Wind	Wx Wx	Wx Light Wind
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAD	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.



T: 70  
 HDD: 0  
 SHDD: 0  
 CDD: 5  
 SCDD: 5  
 PCNL: 0.00  
 PCNS: 0.0

T Davis: M1/M1  
 Tuv: U1/55  
 Tmms: 78/60/64

Tw: U1  
 Td: 58

F: 69  
 HDD: 0  
 SHDD: 0  
 CDD: 4  
 SCDD: 9  
 PCNL: 0.00  
 PCNS: 0.0

T Davis: 60/51  
 Tuv: 59/50  
 Tmms: 80, 56/59

Tw: 54  
 Td: 50

7/1/16

7/21/16

T: 65  
 HDD: 0  
 SHDD: 0  
 CDD: 0  
 SCDD: 9  
 PCNL: 0.00"  
 PCNS: 0.0

T Davis: 68/53  
 Tuv: 59/58  
 Tmms: 74/54/60

Tw: 55  
 Td: 58

F: 67  
 HDD: 0  
 SHDD: 0  
 CDD: 2  
 SCDD: 11  
 PCNL: 0.00"  
 PCNS: 0.0

T Davis: 59/55  
 Tuv: 59/57  
 Tmms: 74/58/58

Tw: 59  
 Td: 58

7/3/16

7/4/16

T: 67  
 HDD: 0  
 SHDD: 0  
 CDD: 2  
 SCDD: 13  
 PCNL: 0.15"  
 PCNS: 0.0"

T Davis: 68/67  
 Tuv: 68/66  
 Tmms: 73/58/68

Tw: 67  
 Td: 66

F: 76  
 HDD: 0  
 SHDD: 0  
 CDD: 11  
 SCDD: 24  
 PCNL: 0.15"  
 PCNS: 0.0"

T Davis: 70/68  
 Tuv: 72/68  
 Tmms: 84/66/69

Tw: 67  
 Td: 65

7/5/16

7/6/16

T: 80  
 HDD: 0  
 SHDD: 0  
 CDD: 15  
 SCDD: 39  
 PCNL: 0.15"  
 PCNS: 0.0"

T Davis: 73/68  
 Tuv: 72/68  
 Tmms: 80/69/73

Tw: 70  
 Td: 68

F: 78  
 HDD: 0  
 SHDD: 0  
 CDD: 13  
 SCDD: 152  
 PCNL: 0.15  
 PCNS: 0.0

T Davis: 73/69  
 Tuv: 72/68  
 Tmms: 84/68/73

Tw: 70  
 Td: 68

7/7/16

7/8/16

T: 75  
 HDD: 0  
 SHDD: 0  
 CDD: 10  
 SCDD: 62

T Davis: 73/68  
 Tuv: 73/68  
 Tmms: 80/70/73

Tw: 70  
 Td: 68

F: 75  
 HDD: 0  
 SHDD: 0  
 CDD: 10  
 SCDD: 72  
 PCNL: 0.64"  
 PCNS: 0.0"

T Davis: 66/60  
 Tuv: 66/59  
 Tmms: 84/64/66

Tw: 62  
 Td: 60

9 July 2016

7/10/16



Monday July 11, 2016

Temp.		Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Min.	Dir.	Temp	General Obs.		
81 °F	59 °F	SSW 4 m.p.h.	77 °F Read: 29.05 in.	0700	1300	1900
Set	64 °F	Char: Light	Corr: 28.91 in.	Clds: 4/10	Clds: 5/10	Clds: 3/10
R.H.	70 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Cirrus	Cumulus	Cirrus
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. / +1 mb	Wx Light Wind	Wx Some Wind	Wx light wind
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MSL	Vis. 20 mi.	Vis. 20 mi.	Vis. 25 mi.

Tuesday July 12, 2016

Temp.		Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Min.	Dir.	Temp	General Obs.		
82 °F	63 °F	ESE 2 m.p.h.	78 °F Read: 29.00 in.	0700	1300	1900
Set	67 °F	Char: Light	Corr: 28.86 in.	Clds: Cirrus 5/10	Clds: Cumulus 5/10	Clds: 3/10
R.H.	73 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Cirrus	Wx Haze, Breezy	Wx Cumulus
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. / +1 mb	Wx Haze	Wx Breezy	Wx Haze on mountains
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MSL	Vis. 15 mi.	Vis. 15 mi.	Vis. 15 mi.

Wednesday July 13, 2016 0700 EST

Temp.		Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Min.	Dir.	Temp	General Obs.		
86 °F	67 °F	SSW 3 m.p.h.	77 °F Read: 28.89 in.	OVNLT LO: 75		
Set	67 °F	Char: Light	Corr: 28.75 in.	-TRA 304 - 324 LT		
R.H.	75 %	24 hr. Mov. — mi.	Sea L. 30.04 in.	0700	1300	1900
Ppn. Liq.	0.01 in.	Prev. Dir. —	3 hr. Tend. / +1.0 mb	Clds: 7/10	Clds: 8/10	Clds: 4/10
Ppn. Sol.	0.0 in.	Snow Depth 0.0 in.	Observer PDM	Cumulus, Stratus, Cirrus	Wx Haze	Wx Haze
Vis.	15 mi.	Vis.	15 mi.	Vis.	5 mi.	Vis.

Thursday July 14, 2016 0700 EST

Temp.		Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Min.	Dir.	Temp	General Obs.		
86 °F	72 °F	SSW 5 m.p.h.	79 °F Read: 29.98 in.	* ABC MAX MW (71, 1902)		
Set	74 °F	Char: Calm	Corr: 28.75 in.	1345 - 1415 - SHRA		
R.H.	96 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	M24 - M500 TSRA		
Ppn. Liq.	0.20 in.	Prev. Dir. —	3 hr. Tend. / 0.0 mb	0700	1300	1900
Ppn. Sol.	0.0 in.	Snow Depth 0.0 in.	Observer CML	Clds: Cl. 2/10	Clds: Cu. 4/10	Clds: Cl. 5/10
Vis.	15 mi.	Vis.	15 mi.	Vis.	—	Vis.

Friday July 15, 2016 0700 EST

Temp.		Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Min.	Dir.	Temp	General Obs.		
88 °F	70 °F	SW 4 m.p.h.	77 °F Read: 28.84 in.	-RA: 1030 - 1055		
Set	73 °F	Char: Light	Corr: 28.70 in.	D300 - C315		
R.H.	83 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	0700	1300	1900
Ppn. Liq.	0.08 in.	Prev. Dir. —	3 hr. Tend. / +1.0 mb	Clds: 7/10	Clds: 5/10	Clds: 2/10
Ppn. Sol.	0.0 in.	Snow Depth 0.0 in.	Observer MRF	Cirrus, Cu, Cirrostratus	Wx —	Wx Mostly Sunny
Vis.	20 mi.	Vis.	20 mi.	Vis.	25 mi.	Vis.

Saturday July 16, 2016 0700 EST

Temp.		Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Min.	Dir.	Temp	General Obs.		
84 °F	62 °F	W 2 m.p.h.	80 °F Read: 28.91 in.	-RA 16:24 - 1851		
Set	70 °F	Char: Light	Corr: 28.77 in.	0700	1300	1900
R.H.	78 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds: 9/10	Clds: Cirrus	Clds: 7/10
Ppn. Liq.	0.01 in.	Prev. Dir. —	3 hr. Tend. / +1.5 mb	Cirrus	Wx Mostly Cloudy	Wx Haze
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AMT	Wx Mostly Cloudy	Vis.	Vis.
Vis.	25 mi.	Vis.	25 mi.	Vis.	25 mi.	Vis.

Sunday July 17, 2016 0700 EST

Temp.		Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Min.	Dir.	Temp	General Obs.		
82 °F	65 °F	NW 1 m.p.h.	80 °F Read: 29.01 in.	-TRA: 14:18 - 14:30		
Set	68 °F	Char: Very Light	Corr: 28.87 in.	-Oz: 14:21 - 14:26		
R.H.	81 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	-RA: 14:27 - 14:36		
Ppn. Liq.	0.05 in.	Prev. Dir. —	3 hr. Tend. / +1.5 mb	0700	1300	1900
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer RAD	Cirrus	Wx Sunny	Wx mostly Sunny
Vis.	25 mi.	Vis.	25 mi.	Vis.	20 mi.	Vis.

Monday July 18, 2016 0700 EST

Temp.		Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Min.	Dir.	Temp	General Obs.		
85 °F	68 °F	SW 8 m.p.h.	78 °F Read: 29.01 in.	OVT LOW: 70		
Set	78 °F	Char: Light	Corr: 28.87 in.	0700	1300	1900
R.H.	71 %	24 hr. Mov. — mi.	Sea L. 30.16 in.	Clds: 5/10	Clds: 9/10	Clds: 7/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. / -0.2 mb	Cs	Stratus	Wx Haze
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MSL	Wx Haze	Wx Windy Haze	Wx light breeze
Vis.	15 mi.	Vis.	15 mi.	Vis.	15 mi.	Vis.

Tuesday July 19, 2016 0700 EST

Temp.		Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Min.	Dir.	Temp	General Obs.		
86 °F	64 °F	NNW 5 m.p.h.	78 °F Read: 29.12 in.	-RA 9:47 - 9:58 LT		
Set	69 °F	Char: Light	Corr: 28.98 in.	0700	1300	1900
R.H.	57 %	24 hr. Mov. — mi.	Sea L. 30.30 in.	Clds: 1/10	Clds: 4/10	Clds: 2/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. / +2 mb	Cumulus	Cumulus	Cumulus
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer MSL	Wx Haze	Wx Light Breeze	Wx Mostly Sunny
Vis.	20 mi.	Vis.	20 mi.	Vis.	20 mi.	Vis.

Wednesday July 20, 2016 0700 EST

Temp.		Wind	Barom.	Meteorological Observatory University Park, PA		
Max.	Min.	Dir.	Temp	General Obs.		
84 °F	59 °F	NE 2 m.p.h.	77 °F Read: 29.15 in.	-RA 16:24 - 1851		
Set	63 °F	Char: Calm	Corr: 29.01 in.	0700	1300	1900
R.H.	70 %	24 hr. Mov. — mi.	Sea L. 30.35 in.	Clds: 1/10	Clds: 5/10	Clds: 2/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. / +1.5 mb	Cirrus	Cirrus, Cumulus	SL
Ppn. Sol.	0.0 in.	Snow Depth 0.0 in.	Observer PDM	Wx Haze	Wx Light Breeze	Wx Light Breeze
Vis.	15 mi.	Vis.	15 mi.	Vis.	15 mi.	Vis.



T: 70 T<sub>DAVIS</sub>: 63/58 T<sub>w</sub>: 58  
 HDD: 0 T<sub>unv</sub>: 61/55 T<sub>d</sub>: 54  
 ΣHDD: 0 MMTS: 81/57/62  
 CDD: 5  
 ΣCDD: 77  
 ΣPENL: .64"  
 ΣPENs: 0.0"

T: 73 T<sub>DAVIS</sub>: 68/61 T<sub>w</sub>: 61  
 HDD: 0 T<sub>unv</sub>: 64/61 T<sub>d</sub>: 58  
 ΣHDD: 0 MMTS: 82/62/66  
 CDD: 8  
 ΣCDD: 85  
 ΣPENL: 0.64"  
 ΣPENs: 0.0"

7/12/16

T: 77 T<sub>DAVIS</sub>: 74/70 T<sub>w</sub>: 72  
 HDD: 0 T<sub>unv</sub>: 73/70 T<sub>d</sub>: 71  
 ΣHDD: 0 MMTS: 86/M/74  
 CDD: 12  
 ΣCDD: 97  
 ΣPENL: 0.65"  
 ΣPENs: 0.0"

T: 79 T<sub>DAVIS</sub>: 75/72 T<sub>w</sub>: 73  
 HDD: 0 T<sub>unv</sub>: 73/72 T<sub>d</sub>: 72  
 ΣHDD: 0 MMTS: M/M/74  
 CDD: 14  
 ΣCDD: 111  
 ΣPENL: 0.85"  
 ΣPENs: 0.0"

7/14/16

T: 74 T<sub>DAVIS</sub>: 72/67 T<sub>w</sub>: 69  
 HDD: 0 T<sub>unv</sub>: 73/66 T<sub>d</sub>: 68  
 ΣHDD: 0 MMTS: 89/69/73  
 CDD: 14  
 ΣCDD: 125  
 ΣPENL: 0.93"  
 ΣPENs: 0.0"

T: 76 T<sub>DAVIS</sub>: 69/65 T<sub>w</sub>: 66  
 HDD: 0 T<sub>unv</sub>: 66/64 T<sub>d</sub>: 64  
 ΣHDD: 0 MMTS: 85/66/69  
 CDD: 11  
 ΣCDD: 136  
 ΣPENL: 0.94"  
 ΣPENs: 0.0"

7/16/16

T: 74 T<sub>DAVIS</sub>: 71/63 T<sub>w</sub>: 64  
 HDD: 0 T<sub>unv</sub>: 68/63 T<sub>d</sub>: 62  
 ΣHDD: 0 MMTS: 83/63/69  
 CDD: 9  
 ΣCDD: 145  
 ΣPENL: 0.99"  
 ΣPENs: 0.0"

T: 77 T<sub>DAVIS</sub>: 77/68 T<sub>w</sub>: 79  
 HDD: 0 T<sub>unv</sub>: 77/66 T<sub>d</sub>: 68  
 ΣHDD: 0 MMTS: 85/69/77  
 CDD: 12  
 ΣCDD: 157  
 ΣPENL: 0.99"  
 ΣPENs: 0.0"

7/18/16

T: 75 T<sub>DAVIS</sub>: 71/53 T<sub>w</sub>: 59  
 HDD: 0 T<sub>unv</sub>: 70/55 T<sub>d</sub>: 53  
 ΣHDD: 0 T<sub>MMTS</sub>: 86/63/70  
 CDD: 10  
 ΣCDD: 167  
 ΣPENL: 0.99"  
 ΣPENs: 0.0"

T: 72 T<sub>DAVIS</sub>: 64/56 T<sub>w</sub>: 57  
 HDD: 0 T<sub>unv</sub>: 59/55 T<sub>d</sub>: 53  
 ΣHDD: 0 T<sub>MMTS</sub>: 94/57/61  
 CDD: 7  
 ΣCDD: 174  
 ΣPENL: 0.99"  
 ΣPENs: 0.0"

7/20/16

7/19/16

7/20/16



Wednesday July 21, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 82 °F	Dir. WSW	Temp 78 °F	Read. 29.07 in.	Clds. ci.	Clds. 3/10 ci.	Clds. 9/10 AS
Min. 60 °F	Vel. 0 m.p.h.	Read. 29.07 in.	Observer	Wx —	Wx Light Wind	Wx Light Wind
Set 64 °F	Char. Calm	Corr. 28.94 in.		0700	1300	1900
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 30.27 in.		Clds. 1/10	Clds. 3/10 ci.	Clds. 9/10 AS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb		Wx —	Wx Light Wind	Wx Light Wind
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer CML		Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

Friday July 22, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 88 °F	Dir. WSW	Temp 78 °F	Read. 28.93 in.	OVRT Low: 73		
Min. * 64 °F	Vel. 6 m.p.h.	Read. 28.93 in.	Observer	0700	1300	1900
Set 75 °F	Char. Light	Corr. 28.79 in.		Clds. 12/10	Clds. 7/10	Clds. 1/10
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.09 in.		Wx Overcast	Wx Cirrus	Wx No
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb		Wx Overcast	Wx Part Sunny	Wx Heavy Rain
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer NAF		Vis. 20 mi.	Vis. 25 mi.	Vis. 15 mi.

Saturday July 23, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 90 °F	Dir. W	Temp 81 °F	Read. 28.85 in.	OVRT Low: 76		
Min. 74 °F	Vel. 7 m.p.h.	Read. 28.85 in.	Observer	0700	1300	1900
Set 77 °F	Char. Light	Corr. 28.70 in.		Clds. 3/10	Clds. 1/10	Clds. 2/10
R.H. 79 %	24 hr. Mov. — mi.	Sea L. 29.97 in.		Cumulus	Wx	Cirrus
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb		Wx Hozy, Breeze	Wx	Wx Breezy
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer PPM		Vis. 10 mi.	Vis. 10 mi.	Vis. 20 mi.

Sunday July 24, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 92 °F	Dir. SW	Temp 80 °F	Read. 28.9 in.	OVRT Low: 73		
Min. 66 °F	Vel. 1 m.p.h.	Read. 28.9 in.	Observer	0700	1300	1900
Set 69 °F	Char. Very Light	Corr. 28.76 in.		Clds. 4/10	Clds. 1/10	Clds. 10/10
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 30.06 in.		Cirrus	Wx	NS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb		Wx Some Haze	Wx	Wx Rain
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RND		Vis. 20 mi.	Vis. 10 mi.	Vis. 15 mi.

Monday July 25, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 92 °F	Dir. SSW	Temp 78 °F	Read. 28.93 in.	1831-2125 T5RA		
Min. * 69 °F	Vel. 2 m.p.h.	Read. 28.93 in.	Observer	* OVRT Low: 71		
Set 73 °F	Char. Light	Corr. 28.79 in.		0700	1300	1900
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 30.09 in.		Clds. 5/10	Clds. 9/10	Clds. 4/10
Ppn. Liq. 0.49 in.	Prev. Dir. —	3 hr. Tend. +0 mb		Wx Hazy	Wx	Wx Hazy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MSL		Vis. 10 mi.	Vis. 10 mi.	Vis. 15 mi.

Tuesday July 26, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 93 °F	Dir. WNW	Temp 79 °F	Read. 28.92 in.	-T5RA 16:51-17:35 LT		
Min. 71 °F	Vel. 4 m.p.h.	Read. 28.92 in.	Observer	-RA 18:10-18:30 LT		
Set 74 °F	Char. Light	Corr. 28.78 in.		0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.08 in.		Cumulus 4/10	Clds. 4/10	Clds. 8/10
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. +4.5 mb		Wx Cirrus	Wx Cirrus	Wx Cirrus
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MSL		Wx Haze	Wx Light Rain	Wx Light Breeze
				Vis. 5 mi.	Vis. 20 mi.	Vis. 20 mi.

Wednesday July 27, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 88 °F	Dir. —	Temp 80 °F	Read. 28.82 in.	Clds. 5/10		
Min. 66 °F	Vel. 0 m.p.h.	Read. 28.82 in.	Observer	Partly Sunny		
Set 69 °F	Char. Calm	Corr. 28.67 in.		0700	1300	1900
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 29.98 in.		Clds. 5/10	Clds. 2/10	Clds. 2/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb		Wx Partly Sunny	Wx Light Breeze	Wx Light Breeze
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer PDM		Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

Thursday July 28, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 87 °F	Dir. —	Temp 80 °F	Read. 28.87 in.	Clds. 4/10		
Min. 66 °F	Vel. 0 m.p.h.	Read. 28.87 in.	Observer	Wx Overcast		
Set 69 °F	Char. Calm	Corr. 28.72 in.		0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.03 in.		Clds. 4/10	Clds. 10/10	Clds. 10/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +0.8 mb		Wx Wx	Wx Wx	Wx Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer NAF		Wx Overcast	Wx Overcast	Wx Light Rain
				Vis. 25 mi.	Vis. 25 mi.	Vis. 10 mi.

Friday July 29, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 79 °F	Dir. WSW	Temp 79 °F	Read. 28.89 in.	-RA: 1505-1625		
Min. 66 °F	Vel. 3 m.p.h.	Read. 28.89 in.	Observer	1730-1740		
Set 67 °F	Char. Light	Corr. 28.75 in.		1900-2000		
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.06 in.		2020-2030		
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. +1.4 mb		0700	1300	1900
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer NAF		Clds. 9/10	Clds. 7/10	Clds. 5/10
				Wx Cumulus	Wx Cumulus	Wx Cirrus
				Vis. ~2 mi.	Vis. 25 mi.	Vis. 25 mi.

Saturday July 30, 2016  
0700 EST  
Meteorological Observatory  
University Park, PA  
General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 86 °F	Dir. ENE	Temp 80 °F	Read. 28.92 in.	*OVRT Low 68		
Min. 67 °F	Vel. 1 m.p.h.	Read. 28.92 in.	Observer	0700	1300	1900
Set 69 °F	Char. Light	Corr. 28.77 in.		Clds. 10/10	Clds. 10/10	Clds. 10/10
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.08 in.		Wx StratoCumulus	Wx	Wx Stratus
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb		Wx Haze	Wx	Wx Haze/low clouds
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MSL		Vis. 10 mi.	Vis. 10 mi.	Vis. 7 mi.



F: 71  
 HDD: 0  
 ΣHDD: 0  
 CDD: 6  
 ΣCDD: 180  
 ΣPENL: 0.99"  
 ΣPENs: 0.0"

T Davis: 66/57  
 Tuv: 63/55  
 Tmmts: 82/59/63  
 Tw: 59  
 Td: 50

7/21/16

F: 76  
 HDD: 0  
 ΣHDD: 0  
 CDD: 11  
 ΣCDD: 191  
 ΣPENL: 0.99"  
 ΣPENs: 0.0"

T Davis: 75/65  
 Tuv: 73/64  
 Tmmts: 88/63/75  
 Tw: 68  
 Td: 66

7/22/16

F: 82  
 HDD: 0  
 ΣHDD: 0  
 CDD: 17  
 ΣCDD: 208  
 ΣPENL: 0.99"  
 ΣPENs: 0.0"

T Davis: 76/70  
 Tuv: 75/70  
 Tmmts: 90/73/76  
 Tw: 72  
 Td: 70

7/23/16

F: 79  
 HDD: 0  
 ΣHDD: 0  
 CDD: 14  
 ΣCDD: 222  
 ΣPENL: 0.99"  
 ΣPENs: 0.0"

T Davis: 71/60  
 Tuv: 68/59  
 Tmmts: 93/64/76  
 Tw: 63  
 Td: 59

F: 81  
 HDD: 0  
 ΣHDD: 0  
 CDD: 16  
 ΣCDD: 238  
 ΣPENL: 1.48"  
 ΣPENs: 0.0"

T Davis: 73/70  
 Tuv: 72/70  
 Tmmts: 92/70/73  
 Tw: 70  
 Td: 69

7/25/16

F: 82  
 HDD: 0  
 ΣHDD: 0  
 CDD: 17  
 ΣCDD: 255  
 ΣPENL: 1.53"  
 ΣPENs: 0.0"

T Davis: 74/70  
 Tuv: 73/70  
 Tmmts: 93/70/74  
 Tw: 71  
 Td: 70

7/26/16

F: 77  
 HDD: 0  
 ΣHDD: 0  
 CDD: 12  
 ΣCDD: 267  
 ΣPENL: 1.53"  
 ΣPENs: 0.0"

T Davis: 69/62  
 Tuv: 64/63  
 Tmmts: 89/65/68  
 Tw: 64  
 Td: 61

7/27/16

F: 77  
 HDD: 0  
 ΣHDD: 0  
 CDD: 12  
 ΣCDD: 279  
 ΣPENL: 1.53"  
 ΣPENs: 0.0"

T Davis: 68/61  
 Tuv: 66/61  
 Tmmts: 87/65/68  
 Tw: 64  
 Td: 61

F: 73  
 HDD: 0  
 ΣHDD: 0  
 CDD: 8  
 ΣCDD: 287  
 ΣPENL: 1.59"  
 ΣPENs: 0.0"

T Davis: 66/65  
 Tuv: 66/66  
 Tmmts: 80/65/66  
 Tw: 66.5  
 Td: 66

7/29/16

F: 77  
 HDD: 0  
 ΣHDD: 0  
 CDD: 12  
 ΣCDD: 298  
 ΣPENL: 1.59"  
 ΣPENs: 0.0"

T Davis: 68/65  
 Tuv: 66/64  
 Tmmts: 87/65/67  
 Tw: 66  
 Td: 65

7/30/16

Sunday July 31st, 2016  
0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. NE	Temp 78 °F	-DZ 09:57 - 10:28 -RA -RA 11:10 - 13:02 TH: 13:03 - 13:26 -RA 13:27 - 15:02 DZ 16:56 - 17:21		
Min. 69 °F	Vel. 3 m.p.h.	Read. 28.8 in.	20:28 - 21:05		
Set 70 °F	Char. Light	Corr. 28.67 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.97 in.	Clds. 10/10	Clds.	Clds. 5/10
Ppn. Liq. .44 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx 5/10	Wx	Wx 4/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RAD	Wx Partly cloudy	Wx	Wx
			Vis. 3 mi.	Vis.	Vis. 20 mi.

F: 70  
HDD: 0  
EHDD: 0  
CDD: 5  
ECDD: 304  
EPCNI: 2.09"  
EPCMS: 0.00"

T Davis: 69/68      Tw: 69  
TUNV: 68/68      TA: 68  
Tmmts: 71/67/69

JULY REAPS  
T<sub>max</sub>: 83.6°C  
T<sub>min</sub>: 65.5°F  
T<sub>sun</sub>: 74.52°F +302°F

7/31/2012