

F: 73 T_{Downs}: 71/68 T_w: 68 T_w: 77 T_{Downs}: 72/69 T_w: 70
 HDD: 0 T_{Turn}: 72/68 T_d: 67 HDD=0
 ΣHDD: 0 ΣHDD=0
 CDD: 8 WMTS: 76/69/70 CDD=12 T_{Turn}: 73/68 T_d: 68
 ΣCDD: 8 ΣCDD=20 WMTS: 81/71/72

ΣPCNL: 0.07"
 ΣPCNS: 0.0"
 9/1/14
 ΣPCNL = 0.09"
 ΣPCNS = 0.0"
 9/2/14

F: 74 T_{Downs}: 63/61 T_w: 62 T_w: 60
 HDD = 0 T_{Turn}: 63/61 T_d: 61 T_{Downs}: 62/60
 ΣHDD = 0 MMTS: 83/62/63 T_{Turn}: 59/57 T_d: 59
 CDD = 9 ΣCDD = 33 WMTS: 77/60/61
 ΣCDD = 29

ΣPCNL: 0.29"
 ΣPCNS: 0.0"
 9/3/14
 ΣPCNL = 0.29"
 ΣPCNS = 0.0"
 9/4/14

F: 72 T_{Downs}: 68/68 T_w: 70 T_w: 70
 HDD: 0 T_{Turn}: 68/68 HDD: 0
 ΣHDD: 0 MMTS: 82/61/68 T_{Turn}: 70/68 T_d: 69
 CDD: 7 T_d: 70 CDD: 12
 ΣCDD: 40 ΣCDD: 52 MMTS: 84/68/70

ΣPCNL: 0.29"
 ΣPCNS: 0.0"
 9/5/14
 ΣPCNL: 0.29"
 ΣPCNS: 0.0"
 9/6/14

F: 68 T_{Downs}: 60/52 T_w: 56 T_w: 51
 HDD: 0 T_{Turn}: 55/54 T_d: 54 T_{Downs}: 53/51
 ΣHDD: 0 MMTS: 82/54/56 T_{Turn}: 52/52
 CDD: *3 CDD: 55 WMTS: 72/50/51
 ΣCDD: 55

ΣPCNL: 0.64"
 ΣPCNS: 0.0"
 9/7/20/14
 ΣPCNL: 0.64"
 ΣPCNS: 0.0"
 9/8/14

F: 63 T_{Downs}: 62/57 T_w: 59 T_w: 62
 HDD = 2 T_{Turn}: 61/57 T_d: 57 T_{Downs}: 65/61
 ΣHDD = 5 MMTS: 73/51/61 T_{Turn}: 64/61 T_d: 61
 CDD = 0 ΣCDD: 55 WMTS: 66/60/64
 ΣCDD: 55

ΣPCNL: 0.64"
 ΣPCNS: 0.0"
 9/9/14
 ΣPCNL: 0.64"
 ΣPCNS: 0.0"
 9/10/14

Thursday September 11, 2014
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 72 °F	Dir: SSW	Temp 75 °F	2350-0028	-RA, -DZ	
Min. 65 °F	Vel: 3 m.p.h.	Read: 28.75 in.	0245-0250	-12A	
Set 70 °F	Char: —	Corr: 28.62 in.	0510-0540	-RA, -DZ	
R.H. 82 %	24 hr. Mov: — mi.	Sea L. 29.91 in.	*OUNT Low: 70° 10615-0620 -RA		
Ppn. Liq. 0.03 in.	Prev. Dir: —	3 hr. Tend. — mb	Clds. SC	10/10	Clds. CU 4/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BJR	Wx —	Wx Breezy	Wx —
			Vis. ~15 mi.	Vis. 20+ mi.	Vis. 75 mi.

Friday September 12, 2014
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir: N	Temp 74 °F	0857-0837	-DZ, DZ, RA	
Min. 57 °F	Vel: 4 m.p.h.	Read: 29.02 in.	1109-1177	-RA, -DZ	
Set 58 °F	Char: light	Corr: 28.89 in.			
R.H. 67 %	24 hr. Mov: — mi.	Sea L. 30.23 in.	Clds. ST	10/10	Clds. CU 6/10
Ppn. Liq. 0.02 in.	Prev. Dir: —	3 hr. Tend. 1A mb	Wx —	Wx —	Wx 3/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RTE	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Saturday September 13, 2014
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 64 °F	Dir: NW	Temp 74 °F	0407-0504	-RA, DZ, DZ	
Min. 50 °F	Vel: 4 m.p.h.	Read: 28.98 in.	0700-0800	-DZ, DZ, RA	
Set 52 °F	Char: light	Corr: 28.86 in.			
R.H. 100 %	24 hr. Mov: — mi.	Sea L. 30.22 in.	Clds. ST	10/10	Clds. SC 10/10
Ppn. Liq. 0.14 in.	Prev. Dir: —	3 hr. Tend. 1-1 mb	Wx RA	Wx RA	Wx RA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAV	Vis. 2 mi.	Vis. 25+ mi.	Vis. 25+ mi.

Sunday September 14, 2014
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir: S	Temp 72 °F	0700-1201	ST, DZ, RA	
Min. 44 °F	Vel: 1 m.p.h.	Read: 29.16 in.			
Set 48 °F	Char: calm	Corr: 29.03 in.			
R.H. 85 %	24 hr. Mov: — mi.	Sea L. 30.34 in.	Clds. SC	9/10	Clds. SC 1/10
Ppn. Liq. 0.33 in.	Prev. Dir: —	3 hr. Tend. 1/2 mb	Wx Breezy	Wx —	Wx CU
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AMT	Vis. 20 mi.	Vis. 20+ mi.	Vis. 20+ mi.

Monday, September 15, 2014
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 60 °F	Dir: SSE	Temp 72 °F	0400-0526	-DZ, -RA	
Min. 44 °F	Vel: 1 m.p.h.	Read: 29.08 in.			
Set 45 °F	Char: L	Corr: 28.95 in.	06NT Low: 55°		
R.H. 86 %	24 hr. Mov: — mi.	Sea L. 30.35 in.	Clds. CU	3/10	Clds. CU 3/10
Ppn. Liq. 0.0 in.	Prev. Dir: —	3 hr. Tend. 40 mb	Wx Fog	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer STB	Vis. 0.75 mi.	Vis. 25 mi.	Vis. 25 mi.

Tuesday September 16, 2014
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir: WSW	Temp 73 °F	0400-0526	-DZ, -RA	
Min. 45 °F	Vel: 3 m.p.h.	Read: 28.96 in.			
Set 55 °F	Char: —	Corr: 28.83 in.	06NT Low: 55°		
R.H. 92 %	24 hr. Mov: — mi.	Sea L. 30.22 in.	Clds. ST	10/10	Clds. SC 9/10
Ppn. Liq. 0.06 in.	Prev. Dir: —	3 hr. Tend. 1-0 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BJR	Vis. 20 mi.	Vis. 25 mi.	Vis. 20+ mi.

Wednesday September 17, 2014
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir: —	Temp 73 °F	0600-0715	A.M.	
Min. 49 °F	Vel: 0 m.p.h.	Read: 28.90 in.			
Set 50 °F	Char: calm	Corr: 28.77 in.			
R.H. 87 %	24 hr. Mov: — mi.	Sea L. 30.13 in.	Clds. ST	1/10	Clds. CU 1/10
Ppn. Liq. 0.0 in.	Prev. Dir: —	3 hr. Tend. 10.5 mb	Wx VCFG (castles)	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MWS	Vis. 10 mi.	Vis. 15 mi.	Vis. 7 mi.

Thursday September 18, 2014
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir: —	Temp 73 °F			
Min. 49 °F	Vel: 0 m.p.h.	Read: 28.87 in.			
Set 52 °F	Char: calm	Corr: 28.74 in.			
R.H. 86 %	24 hr. Mov: — mi.	Sea L. 30.09 in.	Clds. CU	7/10	Clds. CU 5/10
Ppn. Liq. 0.0 in.	Prev. Dir: —	3 hr. Tend. 12 mb	Wx fog	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer STB	Vis. 25 mi.	Vis. 20+ mi.	Vis. 75 mi.

Friday September 19, 2014
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir: NE	Temp 73 °F			
Min. 48 °F	Vel: 6 m.p.h.	Read: 29.10 in.			
Set 49 °F	Char: light	Corr: 28.97 in.			
R.H. 86 %	24 hr. Mov: — mi.	Sea L. 30.34 in.	Clds. CU	3/10	Clds. CU 5/10
Ppn. Liq. 0.00 in.	Prev. Dir: —	3 hr. Tend. 1A mb	Wx valley fog	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer RTE	Vis. 5 mi.	Vis. 20 mi.	Vis. 20 mi.

Saturday September 20, 2014
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 68 °F	Dir: S	Temp 74 °F	06NT Low: 63		
Min. 49 °F	Vel: 9 m.p.h.	Read: 29.08 in.			
Set 64 °F	Char: Breezy	Corr: 28.96 in.			
R.H. 88 %	24 hr. Mov: — mi.	Sea L. 30.29 in.	Clds. ST	4/10	Clds. CU 3/10
Ppn. Liq. 0.00 in.	Prev. Dir: —	3 hr. Tend. 40 mb	Wx —	Wx —	Wx —
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAV	Vis. 7 mi.	Vis. 25+ mi.	Vis. 25+ mi.

$\bar{T} = 69$ $T_{DAYS} = 69/65$ $T_w = 66$ $T_D = 64$ $T_f = 68$ $T_{DAYS} = 58/50$ $T_w = 59$
 $HDD = 0$ $T_{WV} = 68/64$ $HDD = 0$ $T_{WV} = 57/48$ $HDD = 0$ $T_{WV} = 57/48$ $T_D = 47$
 $\Sigma HDD = 6$ $MMTS = 72/64/69$ $\Sigma HDD = 6$ $MMTS = 78/66/56$
 $CDD = 4$ $\Sigma CDD = 62$ $\Sigma CDD = 62$

$\Sigma PCN_L = 0.67''$ $\Sigma PCN_S = 0.0''$ $\Sigma PCN_L = 0.69''$ $\Sigma PCN_S = 0.0''$ $\Sigma PCN_L = 1.22''$ $\Sigma PCN_S = 0.0''$
 9/11/14 9/12/14 9/18/14 9/20/14

$\bar{T} = 57$ $T_{DAYS} = 50/49$ $T_w = 52$ $T_D = 52$ $\bar{T} = 54$ $T_{DAYS} = 45/44$ $T_w = 44$
 $HDD = 8$ $T_{WV} = 50/48$ $HDD = 11$ $T_{WV} = 46/43$ $HDD = 7$ $T_{WV} = 46/43$ $T_D = 40$
 $\Sigma HDD = 14$ $MMTS = 62/48/49$ $\Sigma HDD = 25$ $MMTS = 64/42/44$
 $CDD = 0$ $\Sigma CDD = 62$ $CDD = 0$ $\Sigma CDD = 62$

$\Sigma PCN_L = 0.83''$ $\Sigma PCN_S = 0.0''$ $\Sigma PCN_L = 1.16''$ $\Sigma PCN_S = 0.0''$ $\Sigma PCN_L = 1.22''$ $\Sigma PCN_S = 0.0''$
 9/13/14 9/14/14

$\bar{T} = 52$ $T_{DAYS} = 45/43$ $T_w = 43$ $T_D = 41$ $\bar{T} = 56$ $T_{DAYS} = 54/52$ $T_w = 53$
 $HDD = 13$ $T_{WV} = 43/43$ $HDD = 9$ $T_{WV} = 54/52$ $HDD = 7$ $T_{WV} = 48/48$ $T_D = 52$
 $\Sigma HDD = 38$ $MMTS = 60/42/43$ $\Sigma HDD = 47$ $MMTS = 67/43/53$
 $CDD = 0$ $\Sigma CDD = 62$ $CDD = 0$ $\Sigma CDD = 62$

$\Sigma PCN_L = 1.16''$ $\Sigma PCN_S = 0.0''$ $\Sigma PCN_L = 1.22''$ $\Sigma PCN_S = 0.0''$ $\Sigma PCN_L = 1.22''$ $\Sigma PCN_S = 0.0''$
 9/15/14 9/16/14 9/18/14

$\bar{T} = 57$ $T_{DAYS} = 48/46$ $T_w = 48$ $T_D = 46$ $\bar{T} = 58$ $T_{DAYS} = 50/48$ $T_w = 50$
 $HDD = 8$ $T_{WV} = 45/45$ $HDD = 7$ $T_{WV} = 48/48$ $HDD = 7$ $T_{WV} = 48/48$ $T_D = 48$
 $\Sigma HDD = 55$ $MMTS = 65/46/47$ $\Sigma HDD = 62$ $MMTS = 67/47/49$
 $CDD = 0$ $\Sigma CDD = 62$ $CDD = 0$ $\Sigma CDD = 62$

$\Sigma PCN_L = 1.22''$ $\Sigma PCN_S = 0.0''$ $\Sigma PCN_L = 1.22''$ $\Sigma PCN_S = 0.0''$ $\Sigma PCN_L = 1.22''$ $\Sigma PCN_S = 0.0''$
 9/19/14 9/18/14 9/18/14

$\bar{T} = 58$ $T_{DAYS} = 50/47$ $T_w = 47$ $T_D = 45$ $\bar{T} = 59$ $T_{DAYS} = 62$ $T_w = 61$
 $HDD = 7$ $T_{WV} = 46/46$ $HDD = 6$ $T_{WV} = 63$ $HDD = 6$ $T_{WV} = 63$ $T_D = 54$
 $\Sigma HDD = 69$ $MMTS = 67/42/47$ $\Sigma HDD = 75$ $MMTS = 66/47/61$
 $CDD = 0$ $\Sigma CDD = 62$ $CDD = 0$ $\Sigma CDD = 62$

$\Sigma PCN_L = 1.22''$ $\Sigma PCN_S = 0.0''$ $\Sigma PCN_L = 1.22''$ $\Sigma PCN_S = 0.0''$ $\Sigma PCN_L = 1.22''$ $\Sigma PCN_S = 0.0''$
 9/19/14 9/20/14 9/20/14

Sunday, September 21, 2014 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 75 °F	Dir. SW	76 °F	76 °F	76 °F	76 °F
Min. 61 °F	Vel. 5 m.p.h.	Read. 28.70 in.	28.70 in.	28.70 in.	28.70 in.
Set 64 °F	Char. W/M	Corr. 28.55 in.	28.55 in.	28.55 in.	28.55 in.
R.H. 94 %	24 hr. Mov. — mi.	Sea L. 28.85 in.	28.85 in.	28.85 in.	28.85 in.
Ppn. Liq. 0.00 in.	Prev. Dir. — mi.	3 hr. Tend. 7.1 mb	7.1 mb	7.1 mb	7.1 mb
Ppn. Sol. 0.00 in.	Snow Depth 0.0 in.	Observer AMT	AMT	AMT	AMT
		Vis. 26+ mi.	26+ mi.	26+ mi.	26+ mi.
		Vis. — mi.	— mi.	— mi.	— mi.
		Vis. 10 mi.	10 mi.	10 mi.	10 mi.

MONDAY, SEPTEMBER 22, 2014 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 78 °F	Dir. WNW	74 °F	74 °F	74 °F	74 °F
Min. 52 °F	Vel. 0 m.p.h.	Read. 28.83 in.	28.83 in.	28.83 in.	28.83 in.
Set 52 °F	Char. W	Corr. 28.70 in.	28.70 in.	28.70 in.	28.70 in.
R.H. 74 %	24 hr. Mov. 9 mi.	Sea L. 30.05 in.	30.05 in.	30.05 in.	30.05 in.
Ppn. Liq. 7.4 in.	Prev. Dir. — mi.	3 hr. Tend. 4.3 mb	4.3 mb	4.3 mb	4.3 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer STB	STB	STB	STB
		Vis. 15-20 mi.	15-20 mi.	15-20 mi.	15-20 mi.
		Vis. 20 mi.	20 mi.	20 mi.	20 mi.
		Vis. 16 mi.	16 mi.	16 mi.	16 mi.

Tuesday, September 23, 2014 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 57 °F	Dir. W	71 °F	71 °F	71 °F	71 °F
Min. 41 °F	Vel. 2 m.p.h.	Read. 29.13 in.	29.13 in.	29.13 in.	29.13 in.
Set 44 °F	Char. Light	Corr. 29.01 in.	29.01 in.	29.01 in.	29.01 in.
R.H. 89 %	24 hr. Mov. — mi.	Sea L. 30.38 in.	30.38 in.	30.38 in.	30.38 in.
Ppn. Liq. 0.00 in.	Prev. Dir. — mi.	3 hr. Tend. 7.2 mb	7.2 mb	7.2 mb	7.2 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BSR	BSR	BSR	BSR
		Vis. 20 mi.	20 mi.	20 mi.	20 mi.
		Vis. 25 mi.	25 mi.	25 mi.	25 mi.
		Vis. 25+ mi.	25+ mi.	25+ mi.	25+ mi.

Wednesday, September 24, 2014 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 65 °F	Dir. NE	72 °F	72 °F	72 °F	72 °F
Min. 44 °F	Vel. 3 m.p.h.	Read. 29.29 in.	29.29 in.	29.29 in.	29.29 in.
Set 48 °F	Char. Light	Corr. 29.16 in.	29.16 in.	29.16 in.	29.16 in.
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 30.54 in.	30.54 in.	30.54 in.	30.54 in.
Ppn. Liq. 0.00 in.	Prev. Dir. — mi.	3 hr. Tend. 7.5 mb	7.5 mb	7.5 mb	7.5 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MNS	MNS	MNS	MNS
		Vis. 0.5 mi.	0.5 mi.	0.5 mi.	0.5 mi.
		Vis. 20 mi.	20 mi.	20 mi.	20 mi.
		Vis. 15 mi.	15 mi.	15 mi.	15 mi.

Thursday, September 25, 2014 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 67 °F	Dir. NE	73 °F	73 °F	73 °F	73 °F
Min. 48 °F	Vel. 2 m.p.h.	Read. 29.21 in.	29.21 in.	29.21 in.	29.21 in.
Set 55 °F	Char. Light	Corr. 29.08 in.	29.08 in.	29.08 in.	29.08 in.
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.42 in.	30.42 in.	30.42 in.	30.42 in.
Ppn. Liq. 7 in.	Prev. Dir. — mi.	3 hr. Tend. 7.0 mb	7.0 mb	7.0 mb	7.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BSR	BSR	BSR	BSR
		Vis. 15 mi.	15 mi.	15 mi.	15 mi.
		Vis. 20+ mi.	20+ mi.	20+ mi.	20+ mi.
		Vis. 25 mi.	25 mi.	25 mi.	25 mi.

Friday, September 26, 2014 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 67 °F	Dir. N	73 °F	73 °F	73 °F	73 °F
Min. 51 °F	Vel. 1 m.p.h.	Read. 29.14 in.	29.14 in.	29.14 in.	29.14 in.
Set 51 °F	Char. Light	Corr. 29.01 in.	29.01 in.	29.01 in.	29.01 in.
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.38 in.	30.38 in.	30.38 in.	30.38 in.
Ppn. Liq. 7 in.	Prev. Dir. — mi.	3 hr. Tend. 7.0 mb	7.0 mb	7.0 mb	7.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer RTE	RTE	RTE	RTE
		Vis. 1/4 mi.	1/4 mi.	1/4 mi.	1/4 mi.
		Vis. 25 mi.	25 mi.	25 mi.	25 mi.
		Vis. 25 mi.	25 mi.	25 mi.	25 mi.

Saturday, September 27, 2014 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 70 °F	Dir. —	73 °F	73 °F	73 °F	73 °F
Min. 49 °F	Vel. 0 m.p.h.	Read. 29.17 in.	29.17 in.	29.17 in.	29.17 in.
Set 49 °F	Char. —	Corr. 29.05 in.	29.05 in.	29.05 in.	29.05 in.
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.43 in.	30.43 in.	30.43 in.	30.43 in.
Ppn. Liq. 7 in.	Prev. Dir. — mi.	3 hr. Tend. 7.1 mb	7.1 mb	7.1 mb	7.1 mb
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MAV	MAV	MAV	MAV
		Vis. 2 mi.	2 mi.	2 mi.	2 mi.
		Vis. — mi.	— mi.	— mi.	— mi.
		Vis. 25+ mi.	25+ mi.	25+ mi.	25+ mi.

Sunday, September 28, 2014 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 74 °F	Dir. —	74 °F	74 °F	74 °F	74 °F
Min. 49 °F	Vel. 0 m.p.h.	Read. 29.03 in.	29.03 in.	29.03 in.	29.03 in.
Set 52 °F	Char. Calm	Corr. 28.90 in.	28.90 in.	28.90 in.	28.90 in.
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	30.24 in.	30.24 in.	30.24 in.
Ppn. Liq. 0.00 in.	Prev. Dir. — mi.	3 hr. Tend. 7.05 mb	7.05 mb	7.05 mb	7.05 mb
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MNS	MNS	MNS	MNS
		Vis. 10 mi.	10 mi.	10 mi.	10 mi.
		Vis. variable	variable	variable	variable
		Vis. 20 mi.	20 mi.	20 mi.	20 mi.

MONDAY, SEPTEMBER 29, 2014 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 74 °F	Dir. SW	75 °F	75 °F	75 °F	75 °F
Min. 51 °F	Vel. 1 m.p.h.	Read. 28.87 in.	28.87 in.	28.87 in.	28.87 in.
Set 59 °F	Char. LL	Corr. 28.735 in.	28.735 in.	28.735 in.	28.735 in.
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.085 in.	30.085 in.	30.085 in.	30.085 in.
Ppn. Liq. 7 in.	Prev. Dir. — mi.	3 hr. Tend. 7.25 mb	7.25 mb	7.25 mb	7.25 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer STB	STB	STB	STB
		Vis. 25 mi.	25 mi.	25 mi.	25 mi.
		Vis. 15 mi.	15 mi.	15 mi.	15 mi.
		Vis. 15 mi.	15 mi.	15 mi.	15 mi.

Tuesday, September 30, 2014 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 74 °F	Dir. SE	74 °F	74 °F	74 °F	74 °F
Min. 56 °F	Vel. 2 m.p.h.	Read. 28.80 in.	28.80 in.	28.80 in.	28.80 in.
Set 56 °F	Char. Light	Corr. 28.67 in.	28.67 in.	28.67 in.	28.67 in.
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	30.02 in.	30.02 in.	30.02 in.
Ppn. Liq. 0.00 in.	Prev. Dir. — mi.	3 hr. Tend. 7.0 mb	7.0 mb	7.0 mb	7.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BTR	BTR	BTR	BTR
		Vis. 12 mi.	12 mi.	12 mi.	12 mi.
		Vis. 20 mi.	20 mi.	20 mi.	20 mi.
		Vis. 7 mi.	7 mi.	7 mi.	7 mi.

$\bar{T} = 69$ $T_{Dawns} = 65/58$ $T_w = 60$
 $HDD = 0$ $T_{Sun} = 57/55$ $T_D = 62$
 $\Sigma HDD = 75$ $MMTS = 75/60/64$
 $CDD = 3$
 $\Sigma CDD = 65$

$\Sigma PCN_L = 1.22''$
 $\Sigma PCN_S = 0.0''$

$\bar{T} = 49$ $T_{Dawns} = 43/41$ $T_w = 42$ $\bar{T} = 55$
 $HDD = 16$ $T_{Sun} = 42/39$ $T_D = 41$ $HDD = 10$
 $\Sigma HDD = 91$ $MMTS = 56/40/42$ $\Sigma HDD = 101$
 $CDD = 0$ $\Sigma CDD = 65$

$\Sigma PCN_L = 1.22''$
 $\Sigma PCN_S = 0.0''$

$\bar{T} = 58$ $T_{Dawns} = 58/51$ $T_w = 53$ $\bar{T} = 59$
 $HDD = 7$ $T_{Sun} = 54/50$ $T_D = 51$ $HDD = 6$
 $\Sigma HDD = 108$ $MMTS = 67/46/53$ $\Sigma HDD = 114$
 $CDD = 0$ $\Sigma CDD = 65$

$\Sigma PCN_L = 1.22''$
 $\Sigma PCN_S = 0.0''$

$\bar{T} = 60$ $T_{Dawns} = 48/47$ $T_w = 47$ $\bar{T} = 62$
 $HDD = 5$ $T_{Sun} = 46/46$ $T_D = 45$ $HDD = 3$
 $\Sigma HDD = 114$ $MMTS = 71/46/47$ $\Sigma HDD = 122$
 $CDD = 0$ $\Sigma CDD = 65$

$\Sigma PCN_L = 1.22''$
 $\Sigma PCN_S = 0.0''$

$\bar{T} = 63$ $T_{Dawns} = 59/57$ $T_w = 57$ $\bar{T} = 65$
 $HDD = 2$ $T_{Sun} = 57/55$ $T_D = 56$ $HDD = 0$
 $\Sigma HDD = 124$ $MMTS = 76/51/58$ $\Sigma HDD = 124$
 $CDD = 0$ $\Sigma CDD = 65$

$\Sigma PCN_L = 1.22''$
 $\Sigma PCN_S = 0.0''$

$T_{Dawns} = 52/46$ $T_w = 48$
 $T_{Sun} = 52/45$ $T_D = 44$
 $MMTS = 79/50/51$

$\Sigma PCN_L = 1.22''$
 $\Sigma PCN_S = 0.0''$

$T_{Dawns} = 49/47$ $T_w = 47$
 $T_{Sun} = 46/46$ $T_D = 47$
 $MMTS = 65/42/46$

$\Sigma PCN_L = 1.22''$
 $\Sigma PCN_S = 0.0''$

$T_{Dawns} = 51/50$ $T_w = 49$
 $T_{Sun} = 50/50$ $T_D = 47$
 $MMTS = 67/49/49$

$\Sigma PCN_L = 1.22''$
 $\Sigma PCN_S = 0.0''$

$T_{Dawns} = 52/50$ $T_w = 51$
 $T_{Sun} = 48/48$ $T_D = 50$
 $MMTS = 75/47/51$

$\Sigma PCN_L = 1.22''$
 $\Sigma PCN_S = 0.0''$

$T_{Dawns} = 57/55$ $T_w = 55$
 $T_{Sun} = 54/54$ $T_D = 54$
 $MMTS = 75/55/56$

S.E.T. Dawn's

$\bar{T}_{max} = 71.5^\circ F$
 $\bar{T}_{min} = 54.0^\circ F$
 $\bar{T}_{sep} = 62.78^\circ F$
 $\pm 0.12^\circ F$

$\Sigma PCN_L = 1.22''$
 $\Sigma PCN_S = 0.0''$

9/30/19