

Thursday January 1, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	1300	1900
Max. 26 °F	WSW	67 °F	67 °F	WSW	9 m.p.h.	28.91 in.	28.80 in.	0700	1300	1900
Min. 18 °F								0700	1300	1900
Set 21 °F	Char.							0700	1300	1900
R.H. 52 %	24 hr. Mov.	Sea L.	30.24 in.					Clds. 0/10	Clds. 0/10	Clds. 0/10
Ppn. Liq. 0 in.	Prev. Dir.	3 hr. Tend.	-0.3 mb					Wx -	Wx -	Wx -
Ppn. Sol. 0 in.	Snow Depth	Observer	FJG					Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

CLEAR SKY, CHILL BREEZE, SNOW GROUND

FRIDAY JAN 2, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	0700	1300	1900
Max. 35 °F	WSW	66 °F	66 °F	WSW	8 m.p.h.	28.95 in.	28.84 in.	0700	1300	1900	
Min. 20 °F								0700	1300	1900	
Set 30 °F	Char.							0700	1300	1900	
R.H. 66 %	24 hr. Mov.	Sea L.	30.26 in.					Clds. 15/10	Clds. 45/10	Clds. 5/10	
Ppn. Liq. 200 in.	Prev. Dir.	3 hr. Tend.	+2.8 mb					Wx -	Wx -	Wx -	
Ppn. Sol. 0.0 in.	Snow Depth	Observer	WJS					Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

KONTLOW 30

Saturday Jan 3, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	0700	1300	1900
Max. 36 °F	SSE	68 °F	68 °F	SSE	2 m.p.h.	29.06 in.	28.94 in.	0700	1300	1900	
Min. 21 °F								0700	1300	1900	
Set 29 °F	Char.							0700	1300	1900	
R.H. 65 %	24 hr. Mov.	Sea L.	30.37 in.					Clds. 9/10	Clds. 9/10	Clds. 19/10	
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend.	-1 mb					Wx -	Wx -	Wx -	
Ppn. Sol. 0.0 in.	Snow Depth	Observer	BJR					Vis. 15 mi.	Vis. 15 mi.	Vis. 15 mi.	

Sunday Jan 4, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	0700	1300	1900
Max. 39 °F	S	67 °F	67 °F	S	7 m.p.h.	28.56 in.	28.44 in.	0700	1300	1900	
Min. 29 °F								0700	1300	1900	
Set 38 °F	Char.							0700	1300	1900	
R.H. 96 %	24 hr. Mov.	Sea L.	29.81 in.					Clds. 5tr.	Clds. 5tr.	Clds. 5tr.	
Ppn. Liq. 0.61 in.	Prev. Dir.	3 hr. Tend.	+4 mb					Wx -	Wx -	Wx -	
Ppn. Sol. 0.1 in.	Snow Depth	Observer	BJR					Vis. 15 mi.	Vis. 15 mi.	Vis. 10 mi.	

\* evnt low 33 \*\* PRESER

Monday January 5, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	0700	1300	1900
Max. 49 °F	W	65 °F	65 °F	W	22 m.p.h.	28.86 in.	28.75 in.	0700	1300	1900	
Min. 26 °F								0700	1300	1900	
Set 26 °F	Char.							0700	1300	1900	
R.H. 57 %	24 hr. Mov.	Sea L.	30.17 in.					Clds. 5c	Clds. 5c	Clds. 5c	
Ppn. Liq. 0.10 in.	Prev. Dir.	3 hr. Tend.	+2.5 mb					Wx -SN	Wx -	Wx -	
Ppn. Sol. T in.	Snow Depth	Observer	BJR					Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.	

Tuesday Jan 6, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	0700	1300	1900
Max. 26 °F		65 °F	65 °F			28.90 in.	28.78 in.	0700	1300	1900	
Min. 9 °F								0700	1300	1900	
Set 10 °F	Char.							0700	1300	1900	
R.H. 87 %	24 hr. Mov.	Sea L.	30.25 in.					Clds. 10/10	Clds. 9/10	Clds. 9/10	
Ppn. Liq. 0.04 in.	Prev. Dir.	3 hr. Tend.	-2 mb					Wx -SN	Wx -SN	Wx -	
Ppn. Sol. 0.6 in.	Snow Depth	Observer	BJR					Vis. 2 mi.	Vis. 7 mi.	Vis. 19 mi.	

Wednesday Jan 7, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	0700	1300	1900
Max. 19 °F	NW	62 °F	62 °F	NW	11 m.p.h.	28.69 in.	28.58 in.	0700	1300	1900	
Min. 10 °F								0700	1300	1900	
Set 12 °F	Char.							0700	1300	1900	
R.H. 70 %	24 hr. Mov.	Sea L.	30.04 in.					Clds. 5c	Clds. 5c	Clds. 5c	
Ppn. Liq. 0.06 in.	Prev. Dir.	3 hr. Tend.	+0 mb					Wx -	Wx +SN	Wx -	
Ppn. Sol. 0.8 in.	Snow Depth	Observer	BJR					Vis. 15 mi.	Vis. 1/8 mi.	Vis. 25 mi.	

Thursday Jan 8, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	0700	1300	1900
Max. 14 °F	SW	59 °F	59 °F	SW	5 m.p.h.	29.03 in.	28.94 in.	0700	1300	1900	
Min. 1 °F								0700	1300	1900	
Set 2 °F	Char.							0700	1300	1900	
R.H. 67 %	24 hr. Mov.	Sea L.	30.46 in.					Clds. 1/10	Clds. 3/10	Clds. 10/10	
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend.	+2 mb					Wx -	Wx -	Wx -	
Ppn. Sol. 0.1 in.	Snow Depth	Observer	BJR					Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.	

Friday January 9, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	0700	1300	1900
Max. 19 °F	WSW	66 °F	66 °F	WSW	12 m.p.h.	28.65 in.	28.53 in.	0700	1300	1900	
Min. 2 °F								0700	1300	1900	
Set 19 °F	Char.							0700	1300	1900	
R.H. 81 %	24 hr. Mov.	Sea L.	29.97 in.					Clds. 5c	Clds. 6/10	Clds. 3/10	
Ppn. Liq. 0.07 in.	Prev. Dir.	3 hr. Tend.	1/2 mb					Wx -SN	Wx -	Wx -	
Ppn. Sol. 1.0 in.	Snow Depth	Observer	BJR					Vis. 5 mi.	Vis. 7 mi.	Vis. 10 mi.	

Saturday January 10, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	0700	1300	1900
Max. 25 °F	SW	70 °F	70 °F	SW	8 m.p.h.	29.07 in.	28.96 in.	0700	1300	1900	
Min. 1 °F								0700	1300	1900	
Set 2 °F	Char.							0700	1300	1900	
R.H. 65 %	24 hr. Mov.	Sea L.	30.47 in.					Clds. 5tr	Clds. 5tr	Clds. 2/10	
Ppn. Liq. 0.01 in.	Prev. Dir.	3 hr. Tend.	+3 mb					Wx -	Wx -	Wx -	
Ppn. Sol. 0.1 in.	Snow Depth	Observer	BJR					Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.	

$T: 221$   
 $HDD: 43$   
 $\Sigma HDD: 43$   
 $CDD: 0$   
 $T_{DAVIS}: 20/6^\circ$   
 $T_{UNV}: 19^\circ/5^\circ$   
 $MMQTS: 24/18/19$   
 $T_w: M$   
 $T_d: 6^\circ$   
 $T: 28$   
 $HDD: 37$   
 $\Sigma HDD: 80$   
 $\Sigma CDD: 0$   
 $T_{DAVIS}: 30/20$   
 $T_{UNV}: 30/18$   
 $MMQTS: 34/18/28$   
 $T_w: M$   
 $T_d: 20$

$\Sigma PCNL: 0''$   
 $\Sigma PCNS: 0''$   
 $\bar{T}: 29$   
 $HDD: 36$   
 $\Sigma HDD: 116$   
 $CDD: 0$   
 $\Sigma CDD: 0$   
 $T_{DAVIS}: 31/21$   
 $T_{UNV}: 25/19$   
 $MMQTS: 35/21/28$   
 $T_w: M$   
 $T_d: 20$   
 $\bar{T}: 34$   
 $HDD: 31$   
 $\Sigma HDD: 147$   
 $CDD: 0$   
 $\Sigma CDD: 0$   
 $T_{DAVIS}: 38/36$   
 $T_{UNV}: 36/36$   
 $MMQTS: 37/28/36$   
 $T_w: M$   
 $T_d: 36$   
 $\Sigma PCNL: 0.00''$   
 $\Sigma PCNS: 0.0''$   
 $1/1/2015$   
 $1/2/15$

0122-0622 -RA-DE

$\Sigma PCNL: 0.00''$   
 $\Sigma PCNS: 0.0''$   
 $\bar{T}: 38$   
 $HDD: 27$   
 $\Sigma HDD: 174$   
 $CDD: 0$   
 $\Sigma CDD: 0$   
 $T_{DAVIS}: 26/15$   
 $T_{UNV}: 27/12$   
 $MMQTS: 49/24/24$   
 $T_w: M$   
 $T_d: 13$   
 $\Sigma PCNL: 0.61''$   
 $\Sigma PCNS: 0.1''$   
 $\bar{T}: 18$   
 $HDD: 47$   
 $\Sigma HDD: 221$   
 $CDD: 0$   
 $\Sigma CDD: 0$   
 $T_{DAVIS}: 10/8$   
 $T_{UNV}: 10/7$   
 $MMQTS: 24/8/9$   
 $T_w: M$   
 $T_d: 8$   
 $1/3/15$   
 $1/4/15$

$\Sigma PCNL: 0.71''$   
 $\Sigma PCNS: 0.1''$   
 $\bar{T}: 15$   
 $HDD: 50$   
 $\Sigma HDD: 271$   
 $CDD: 0$   
 $\Sigma CDD: 0$   
 $T_{DAVIS}: 12/4$   
 $T_{UNV}: 12/3$   
 $MMQTS: 18/8/10$   
 $T_w: M$   
 $T_d: 4$   
 $\Sigma PCNL: 0.75''$   
 $\Sigma PCNS: 0.7''$   
 $\bar{T}: 8$   
 $HDD: 57$   
 $\Sigma HDD: 328$   
 $CDD: 0$   
 $\Sigma CDD: 0$   
 $T_{DAVIS}: 3/-4$   
 $T_{UNV}: 3/-6$   
 $MMQTS: 14/0/1$   
 $T_w: M$   
 $T_d: -5$   
 $1/5/15$   
 $1/6/15$

$\Sigma PCNL: 0.81''$   
 $\Sigma PCNS: 1.5''$   
 $\bar{T}: 11$   
 $HDD: 54$   
 $\Sigma HDD: 382$   
 $CDD: 0$   
 $\Sigma CDD: 0$   
 $T_{DAVIS}: 20/15$   
 $T_{UNV}: 19/14$   
 $MMQTS: 19/1/18$   
 $T_w: M$   
 $T_d: 15$   
 $\Sigma PCNL: 0.81''$   
 $\Sigma PCNS: 1.6''$   
 $\bar{T}: 13$   
 $HDD: 52$   
 $\Sigma HDD: 434$   
 $CDD: 0$   
 $\Sigma CDD: 0$   
 $T_{DAVIS}: 3/-5$   
 $T_{UNV}: 1/-6$   
 $MMQTS: 22/0/1$   
 $T_w: M$   
 $T_d: -5$   
 $1/7/15$   
 $1/8/15$

$\Sigma PCNL: 0.88''$   
 $\Sigma PCNS: 2.6''$   
 $\bar{T}: 11$   
 $HDD: 54$   
 $\Sigma HDD: 382$   
 $CDD: 0$   
 $\Sigma CDD: 0$   
 $T_{DAVIS}: 20/15$   
 $T_{UNV}: 19/14$   
 $MMQTS: 19/1/18$   
 $T_w: M$   
 $T_d: 15$   
 $\Sigma PCNL: 0.89''$   
 $\Sigma PCNS: 2.7''$   
 $\bar{T}: 13$   
 $HDD: 52$   
 $\Sigma HDD: 434$   
 $CDD: 0$   
 $\Sigma CDD: 0$   
 $T_{DAVIS}: 3/-5$   
 $T_{UNV}: 1/-6$   
 $MMQTS: 22/0/1$   
 $T_w: M$   
 $T_d: -5$   
 $1/9/15$   
 $1/10/15$

Sunday January 11, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	* OUNT LOW: 7F		
Max. 16 °F	Dir. S	Temp 71 °F	0700	1300	1900
Min. 2 °F	Vel. 1 m.p.h.	Read. 29.2 in.	Clds. 0/10	Clds. Wx	Clds. 10% S
Set	Char. —	Corr. 29.09 in.	Wx —	Wx	Wx
R.H. 61 %	24 hr. Mov. —	Sea L. 30.53 in.	Vis. ~20 mi.	Vis.	Vis. ~20 mi.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 49.8 mb			
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer BJR			

Monday, Jan 12, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Overnight Low: 1.30		
Max. 34 °F	Dir. WSW	Temp 72 °F	0700	1300	1900
Min. 14 °F	Vel. 8 m.p.h.	Read. 29.05 in.	Clds. 10/10	Clds. W/10	Clds. 6/10
Set 33 °F	Char. —	Corr. 28.92 in.	Wx -RA	Wx -RA	Wx —
R.H. 87 %	24 hr. Mov. —	Sea L. 30.22 in.	Vis. ~6 mi.	Vis. ~2 mi.	Vis. 6+ mi.
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. -3 mb			
Ppn. Sol. T in.	Snow Depth T in.	Observer ONR			

Tuesday Jan 13, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	0900-1010 04: -FERA, -RA, -DZ 1410-1518: -RA, ~DZ 231-602: -SN		
Max. 36 °F	Dir. NNE	Temp 70 °F	0700	1300	1900
Min. 18 °F	Vel. 10 m.p.h.	Read. 29.32 in.	Clds. 1/10	Clds. 3/10 C	Clds. 0/10
Set 18 °F	Char. —	Corr. 29.20 in.	Wx —	Wx	Wx —
R.H. 68 %	24 hr. Mov. —	Sea L. 30.62 in.	Vis. 15+ mi.	Vis. 25 mi.	Vis. 15+ mi.
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. 3 mb			
Ppn. Sol. T in.	Snow Depth T in.	Observer MWS			

Wednesday Jan 14, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	0935-0955: -SN		
Max. 20 °F	Dir. —	Temp 69 °F	0700	1300	1900
Min. 8 °F	Vel. 0 m.p.h.	Read. 29.14 in.	Clds. 0/10	Clds. 10/10	Clds. 10/10
Set 8 °F	Char. Calm	Corr. 29.02 in.	Wx —	Wx —	Wx —
R.H. 72 %	24 hr. Mov. —	Sea L. 30.52 in.	Vis. 15+ mi.	Vis. 15+ mi.	Vis. 89 mi.
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 1.5 mb			
Ppn. Sol. T in.	Snow Depth T in.	Observer BPG			

Thursday Jan 15, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	1138-1141: -SN 1307-1309: -SN 2148-0622: -SN DUNT Low: 21		
Max. 23 °F	Dir. W	Temp 68 °F	0700	1300	1900
Min. 8 °F	Vel. 5 m.p.h.	Read. 29.16 in.	Clds. 10/10	Clds. 1/10	Clds. 4/10
Set 21 °F	Char. light	Corr. 29.05 in.	Wx —	Wx	Wx
R.H. 64 %	24 hr. Mov. —	Sea L. 30.50 in.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 4.0 mb			
Ppn. Sol. T in.	Snow Depth T in.	Observer RTE			

Friday Jan 16, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	0556-0425: -SN DUNT Low: 25		
Max. 33 °F	Dir. W	Temp 68 °F	0700	1300	1900
Min. 18 °F	Vel. 12 m.p.h.	Read. 28.74 in.	Clds. 10/10	Clds. 8/10	Clds. 2/10
Set 30 °F	Char. Breezy	Corr. 28.63 in.	Wx —	Wx -SN	Wx —
R.H. 63 %	24 hr. Mov. —	Sea L. 30.03 in.	Vis. 10 mi.	Vis. 19+ mi.	Vis. ~20 mi.
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.5 mb			
Ppn. Sol. T in.	Snow Depth T in.	Observer MAV			

Saturday Jan 17, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	0852-1105: -SN 1137-1230: -SN 1255-1337: -SN 1910-1916: -SN		
Max. 33 °F	Dir. E	Temp 69 °F	0700	1300	1900
Min. 9 °F	Vel. 1 m.p.h.	Read. 29.00 in.	Clds. C5	Clds. C5	Clds. 0/10
Set 11 °F	Char. —	Corr. 28.89 in.	Wx —	Wx	Wx
R.H. 75 %	24 hr. Mov. —	Sea L. 30.37 in.	Vis. ~20 mi.	Vis.	Vis. 25+ mi (55 knots)
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +1/2 mb			
Ppn. Sol. T in.	Snow Depth T in.	Observer BJR			

Sunday Jan 18, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	DUNT Low: 25		
Max. 35 °F	Dir. S	Temp 71 °F	0700	1300	1900
Min. 11 °F	Vel. 8 m.p.h.	Read. 28.69 in.	Clds. 5C	Clds. 10/10	Clds. 10/10
Set 35 °F	Char. Breezy	Corr. 28.57 in.	Wx —	Wx	Wx
R.H. 70 %	24 hr. Mov. —	Sea L. 29.97 in.	Vis. 25+ mi.	Vis.	Vis. 10 mi.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 1 mb			
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer AMT			

Monday January 19, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	12:46-1428: -RA, -SN, -PL 16:53-18:06: FZDZ, -RA, -RA 23:51-04:00: -RA, -SN		
Max. 36 °F	Dir. WNW	Temp 68 °F	0700	1300	1900
Min. 32 °F	Vel. 8 m.p.h.	Read. 28.67 in.	Clds. 5+CN	Clds. 10/10	Clds. 10% S
Set 33 °F	Char. —	Corr. 28.55 in.	Wx —	Wx	Wx Breezy
R.H. 75 %	24 hr. Mov. —	Sea L. 29.95 in.	Vis. 10+ mi.	Vis. 10+ mi.	Vis. 10+ mi.
Ppn. Liq. 0.03 in.	Prev. Dir. —	3 hr. Tend. 1.5 mb			
Ppn. Sol. 0.1 in.	Snow Depth T in.	Observer MWS			

Tuesday Jan 20, 2015 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	818-1030: -SN 1713-1723: -SN		
Max. 35 °F	Dir. SW	Temp 71 °F	0700	1300	1900
Min. 30 °F	Vel. 4 m.p.h.	Read. 28.70 in.	Clds. 10/10	Clds. 5C	Clds. 7/10
Set 31 °F	Char. —	Corr. 28.58 in.	Wx —	Wx	Wx —
R.H. 78 %	24 hr. Mov. —	Sea L. 29.98 in.	Vis. 10+ mi.	Vis.	Vis. 10+ mi.
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 1 mb			
Ppn. Sol. T in.	Snow Depth T in.	Observer MWS			

$\bar{T} = 9$   $T_{DAVIS} = 15/15$   $T_w = M$   
 HDD = 56  $T_{UNV} = 12/1$   $T_d = 4$   
 $\Sigma HDD = 490$   $MMTS = 15/1/13$   
 CDD = 0  
 $\Sigma CDD = 0$

$\Sigma PCN_L = 0.89''$   
 $\Sigma PCN_S = 2.7''$  1/11/15

$\bar{T} = 27$   $T_{DAVIS} = 19/10$   $T_w = -$   
 HDD = 38  $T_{UNV} = 16/17$   $T_d = 9$   
 $\Sigma HDD = 569$   $T_{MMTS} = 35/14/16$   
 CDD = 0  
 $\Sigma CDD = 0$

$\Sigma PCN_L = 0.92''$   
 $\Sigma PCN_S = 2.7''$  1/13/15

$\bar{T} = 16$   $T_{DAVIS} = 30/13$   $T_w = 18$   
 HDD = 44  $T_{UNV} = 19/10$   $T_d = 11$   
 $\Sigma HDD = 669$   $T_{MMTS} = 22/8/18$   
 CDD = 0  
 $\Sigma CDD = 0$

$\Sigma PCN_L = 0.92''$   
 $\Sigma PCN_S = 2.7''$  1/15/15

$\bar{T} = 21$   $T_{DAVIS} = 12/6$   $T_w = M$   
 HDD = 44  $T_{UNV} = 9/3$   $T_d = 5$   
 $\Sigma HDD = 752$   $MMTS = 32/9/10$   
 CDD = 0  
 $\Sigma CDD = 0$

$\Sigma PCN_L = 0.92''$   
 $\Sigma PCN_S = 2.7''$  1/17/15

$\bar{T} = 34$   $T_{DAVIS} = 33/27$   $T_w = M$   
 HDD = 31  $T_{UNV} = 32/25$   $T_d = 26$   
 $\Sigma HDD = 825$   $MMTS = 36/31/32$   
 CDD = 0  
 $\Sigma CDD = 0$

$\Sigma PCN_L = 0.95''$   
 $\Sigma PCN_S = 2.8''$  1/19/15

$\bar{T} = 24$   $T_{DAVIS} = 32/29$   $T_w = -$   
 HDD = 41  $T_{UNV} = 32/28$   $T_d = 29$   
 $\Sigma HDD = 531$   $T_{MMTS} = 33/13/31$   
 CDD = 0  
 $\Sigma CDD = 0$

$\Sigma PCN_L = 0.89''$   
 $\Sigma PCN_S = 2.7''$  1/12/15

$\bar{T} = 14$   $T_{DAVIS} = 12/4$   $T_w = 7$   
 HDD = 51  $T_{UNV} = 7/1$   $T_d = 1$   
 $\Sigma HDD = 620$   $T_{MMTS} = 20/8/8$   
 CDD = 0  
 $\Sigma CDD = 0$

$\Sigma PCN_L = 0.92''$   
 $\Sigma PCN_S = 2.7''$  1/14/15

$\bar{T} = 26$   $T_{DAVIS} = 29/21$   $T_w = 26$   
 HDD = 39  $T_{UNV} = 28/19$   $T_d = 18$   
 $\Sigma HDD = 708$   $T_{MMTS} = 33/17/28$   
 CDD = 0  
 $\Sigma CDD = 0$

$\Sigma PCN_L = 0.92''$   
 $\Sigma PCN_S = 2.7''$  1/16/15

$\bar{T} = 23$   $T_{DAVIS} = 33/27$   $T_w = 31$   
 HDD = 42  $T_{UNV} = 30/25$   $T_d = 25$   
 $\Sigma HDD = 794$   $MMTS = 31/10/31$   
 CDD = 0  
 $\Sigma CDD = 0$

$\Sigma PCN_L = 0.92''$   
 $\Sigma PCN_S = 2.7''$  1/18/15

$\bar{T} = 33$   $T_{DAVIS} = 31/25$   $T_w = M$   
 HDD = 32  $T_{UNV} = 30/23$   $T_d = 24$   
 $\Sigma HDD = 856$   $MMTS = 34/28/29$   
 CDD = 0  
 $\Sigma CDD = 0$

$\Sigma PCN_L = 0.95''$   
 $\Sigma PCN_S = 2.8''$  1/20/15

Wednesday January 28<sup>th</sup>, 2015 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.
Max. 33 °F	—	69 °F	0700-810: -SN	
Min. 20 °F	0 m.p.h.	28.77 in.	1335-1555: -SN	
			1730-1755: -SN	
Set	Char.	Corr.		
20 °F	Calm	28.65 in.	0700	1300
R.H. 92 %	24 hr. Mov.	Sea L.	Clds. 10/10	Clds. 5t
	— mi.	30.12 in.		10/10
Ppn. Liq. 0.07 in.	Prev. Dir.	3 hr. Tend.	Wx —	Wx -SN
	—	-0 mb		
Ppn. Sol. 1.0 in.	Snow Depth	Observer	Vis. 10+ mi.	Vis. 0.5 mi.
	1 in.	BPG		Vis. 10 mi.

Thursday January 29<sup>th</sup>, 2015 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.
Max. 32 °F	WSW	70 °F	0543-0551: -SN	
Min. 20 °F	0 m.p.h.	29.17 in.	0958-1802: -SN	
			2108-2126: -SN	
			0631-0700: -SN	
Set	Char.	Corr.	DUNT Low: 28	
32 °F	Very light	29.29 in.	0700	1300
R.H. 88 %	24 hr. Mov.	Sea L.	Clds. 10/10	Clds. 5t
	— mi.	30.73 in.		10/10
Ppn. Liq. 0.22 in.	Prev. Dir.	3 hr. Tend.	Wx -SN	Wx 3/10
	—	+2.1 mb		
Ppn. Sol. 2.6 in.	Snow Depth	Observer	Vis. 2 mi.	Vis. —
	3 in.	RTE		Vis. ~15 mi.

Friday Jan 23, 2015 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.
Max. 32 °F	W	71 °F	0700-0750: -SN	
Min. 27 °F	5 m.p.h.	28.99 in.	1050-1327: -SN	
Set	Char.	Corr.		
27 °F	Light	28.87 in.	0700	1300
R.H. 83 %	24 hr. Mov.	Sea L.	Clds. 10/10	Clds. 5c
	— mi.	30.32 in.		5/10
Ppn. Liq. 7 in.	Prev. Dir.	3 hr. Tend.	Wx —	Wx —
	—	-1 mb		
Ppn. Sol. 7 in.	Snow Depth	Observer	Vis. ~15 mi.	Vis. ~15 mi.
	3 in.	BJR		Vis. ~5 mi.

Saturday Jan 24, 2015 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.
Max. 35 °F	NE	69 °F	2217-0700: -SN, OCCSN, +SN	
Min. 27 °F	0 m.p.h.	28.47 in.		
Set	Char.	Corr.		
30 °F	Calm	28.36 in.	0700	1300
R.H. 100 %	24 hr. Mov.	Sea L.	Clds. 10/10	Clds. 5c
	— mi.	29.15 in.		10/10
Ppn. Liq. 0.36 in.	Prev. Dir.	3 hr. Tend.	Wx -SN	Wx —
	—	-2 mb		
Ppn. Sol. 4.7 in.	Snow Depth	Observer	Vis. ~2 mi.	Vis. 2.5+ mi.
	7 in.	MAV		Vis. 2.5+ mi.

Sunday Jan 25, 2015 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.
Max. 36 °F	SW	72 °F	0700-0940: -SN	
Min. 29 °F	7 m.p.h.	28.57 in.	1018-1401: -SN	
			1344-1401: -SN	
			2136-2149: -SN	
			2339-0124: -RA	
			0242-0914: -RA, -DZ	
Set	Char.	Corr.	0700	1300
35 °F	Mild	28.45 in.		1900
R.H. 82 %	24 hr. Mov.	Sea L.	Clds. 10/10	Clds. 5f
	— mi.	29.84 in.		10/10
Ppn. Liq. 7 in.	Prev. Dir.	3 hr. Tend.	Wx —	Wx -SN
	—	2 mb		
Ppn. Spl. 7 in.	Snow Depth	Observer	Vis. 2.5+ mi.	Vis. ~10 mi.
	5 in.	AMT		

Monday, January 26, 2015 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.
Max. 37 °F	NE	69 °F	0900-1045: -SN	
Min. 16 °F	4 m.p.h.	28.64 in.	1105-1400: -SN	
			1540-1635: -SN	
			1850-0700: -SN	
Set	Char.	Corr.	0700	1300
16 °F	Light	28.52 in.		1900
R.H. 86 %	24 hr. Mov.	Sea L.	Clds. 10/10	Clds. 10/10
	— mi.	29.96 in.		10/10
Ppn. Liq. 0.37 in.	Prev. Dir.	3 hr. Tend.	Wx -SN	Wx -SN
	—	-3 mb		
Ppn. Sol. 3.7 in.	Snow Depth	Observer	Vis. 3/4 mi.	Vis. 3/4 mi.
	8 in.	CMR		Vis. 3/4 mi.

Tuesday, January 27<sup>th</sup>, 2015 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.
Max. 22 °F	NW	70 °F	All day (7-11): -SN	
Min. 16 °F	4 m.p.h.	28.63 in.		
Set	Char.	Corr.	0700	1300
20 °F	Light	28.51 in.		1900
R.H. 89 %	24 hr. Mov.	Sea L.	Clds. 10/10	Clds. 10/10
	— mi.	29.94 in.		3/10
Ppn. Liq. 0.38 in.	Prev. Dir.	3 hr. Tend.	Wx -SN	Wx —
	—	1 mb		
Ppn. Sol. 4.9 in.	Snow Depth	Observer	Vis. 2 mi.	Vis. 10+ mi.
	11 in.	MWS		

Wednesday January 28<sup>th</sup>, 2015 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.
Max. 24 °F	NW	66 °F	0700-915: -SN	
Min. 9 °F	6 m.p.h.	28.89 in.	1005-1045: -SN	
			315-1430: -SN	
Set	Char.	Corr.	0700	1300
11 °F	—	28.78 in.		1900
R.H. 87 %	24 hr. Mov.	Sea L.	Clds. 0/10	Clds. 5c
	— mi.	30.25 in.		5c
Ppn. Liq. 0.01 in.	Prev. Dir.	3 hr. Tend.	Wx —	Wx 0/10
	—	2 mb		
Ppn. Sol. 0.1 in.	Snow Depth	Observer	Vis. 15+ mi.	Vis. 25 mi.
	11 in.	BPG		Vis. 25 mi.

Thursday January 29<sup>th</sup>, 2015 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.
Max. 28 °F	E	68 °F	-SN: 1325-1340	
Min. 7 °F	2 m.p.h.	29.01 in.	1445-1846	
			1917-0032	
			0046-0700	
Set	Char.	Corr.	DUNT Low: 27-Rose DUNT	
11 °F	Light	28.90 in.	0700	1300
R.H. 87 %	24 hr. Mov.	Sea L.	Clds. 8/10	Clds. 9/10
	— mi.	30.38 in.		5+
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend.	Wx —	Wx -SN
	—	-2 mb		
Ppn. Sol. 0.0 in.	Snow Depth	Observer	Vis. 2.5 mi.	Vis. ~5 mi.
	9 in.	RTE		

Friday January 30<sup>th</sup>, 2015 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.
Max. 29 °F	NW	70 °F	-SN: 1325-1340	
Min. 11 °F	12 m.p.h.	28.72 in.	1445-1846	
			1917-0032	
			0046-0700	
Set	Char.	Corr.	DUNT Low: 27-Rose DUNT	
29 °F	Steady	28.60 in.	0700	1300
R.H. 82 %	24 hr. Mov.	Sea L.	Clds. 10/10	Clds. 9/10
	— mi.	30.01 in.		5t
Ppn. Liq. 0.11 in.	Prev. Dir.	3 hr. Tend.	Wx —	Wx -SN
	—	+1 mb		
Ppn. Sol. 1.4 in.	Snow Depth	Observer	Vis. ~15 mi.	Vis. ~2 mi.
	10 in.	BSE		Vis. ~5 mi.

T: 27 T<sub>DAVIS</sub>: 23/20 T<sub>w</sub>: M  
 HDD: 38 T<sub>UNV</sub>: 19/18 T<sub>d</sub>: 18  
 Σ HDD: 895 MMTS: 33/19/20  
 CDD: 0  
 Σ CDD: 0  
 Σ PCNL: 1.02"  
 Σ PCNS: 3.8  
 T<sub>DAVIS</sub>: 30/29 T<sub>w</sub>: M  
 HDD: 39 T<sub>UNV</sub>: 27/25 T<sub>d</sub>: 18  
 Σ HDD: 934 MMTS: 29/19/28  
 CDD: 0  
 Σ CDD: 0  
 Σ PCNL: 1.84"  
 Σ PCNS: 6.4"

1/21/15  
 T<sub>DAVIS</sub>: 27/23 T<sub>w</sub>: M  
 T<sub>UNV</sub>: 27/23 T<sub>d</sub>: 23  
 MMTS: 32/25/25  
 CDD: 0  
 Σ CDD: 0  
 1/22/15  
 T<sub>DAVIS</sub>: 30/28 T<sub>w</sub>: 30  
 T<sub>UNV</sub>: 28/27 T<sub>d</sub>: 30  
 MMTS: 33/25/27  
 CDD: 0  
 Σ CDD: 0  
 1/22/15

Σ PCNL = 1.24"  
 Σ PCNS = 6.4"  
 1/23/15  
 Σ PCNL = 1.40"  
 Σ PCNS = 11.9"

T: 33 T<sub>DAVIS</sub>: 34/30 T<sub>w</sub>: 33  
 HDD: 33 T<sub>UNV</sub>: 34/30 T<sub>d</sub>: 30  
 Σ HDD: 1035 MMTS: 35/27/33  
 CDD: 0  
 Σ CDD: 0  
 1/23/15  
 T<sub>DAVIS</sub>: 17/15 T<sub>w</sub>: -  
 T<sub>UNV</sub>: 16/12 T<sub>d</sub>: 15  
 MMTS: 33/14/14  
 CDD: 0  
 Σ CDD: 0  
 1/24/15

Σ PCNL: 1.60"  
 Σ PCNS: 11.1"  
 1/25/2015  
 Σ PCNL = 1.97"  
 Σ PCNS = 14.8"  
 1/26/15

T: 19 T<sub>DAVIS</sub>: 19/16 T<sub>w</sub>: 19  
 HDD: 46 T<sub>UNV</sub>: 20/18 T<sub>d</sub>: 17  
 Σ HDD: 1120 MMTS: 20/14/18  
 CDD: 0  
 Σ CDD: 0  
 T<sub>DAVIS</sub>: 13/8 T<sub>w</sub>: M  
 T<sub>UNV</sub>: 9/3 T<sub>d</sub>: 8  
 MMTS: 24/8/11

Σ PCNL: 2.35"  
 Σ PCNS: 19.7"  
 1/27/15  
 Σ PCNL: 2.36"  
 Σ PCNS: 19.8"  
 1/28/15

T: 18 T<sub>DAVIS</sub>: 13/7 T<sub>w</sub>: M  
 HDD: 47 T<sub>UNV</sub>: 7/3 T<sub>d</sub>: 8  
 Σ HDD: 1815 MMTS: 27/16/19  
 CDD: 0  
 Σ CDD: 0  
 T<sub>DAVIS</sub>: 30/25 T<sub>w</sub>: M  
 T<sub>UNV</sub>: 36/25 T<sub>d</sub>: 25  
 MMTS: 28/9/28

Σ PCNL: 2.36"  
 Σ PCNS: 19.8"  
 1/30/15  
 Σ PCNL = 2.47"  
 Σ PCNS = 21.2"  
 1/30/15

Saturday January 31, 2015 0700 EST

General Obs.

Temp.		Wind		Barom.		General Obs.		
Max. 30 °F	Dir: W	Temp 68 °F	0700	1300	1900	0700-1832: -5W 1654-1757: -5N		
Min. 9 °F	Vel: 8 m.p.h.	Read. 29.15 in.						
Set 12 °F	Char: Breezy	Corr: 29.05 in.						
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.52 in.	Clds. 54	Clds.	Clds. 9/10			
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +/- 0 mb	Wx —	Wx	Wx —			
Ppn. Sol. 0.1 in.	Snow Depth 10 in.	Observer MAV	Vis. 25 mi.	Vis.	Vis. 25+ mi.			

$T = 20$

$T_{PAVTS} = 12/5$

$T_w = M$

$HDD = 45$

$T_{UVV} = 10/1$

$T_A = 5$

$SHPD = 13.05$

$MNTS = 28/7/10$

$CDD = 0$

$T_{TH} = T_{TH} S$

$ECDD = 0$

$T_{MAX} = 29.8^{\circ}F$

$T_{MIN} = 15.4^{\circ}F$

$T_{GM} = 22.63^{\circ}F$

$(-4.04)$

$EPCNL = 2.48''$

$EPCNS = 21.3''$

1/31/15