

Wed. December 1st, 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 60	W	70	70	W	70	70	70	W	70	70	70	W	70	70
Min. 43	13 m.p.h.	28.46	28.46		28.46	28.46	28.46		28.46	28.46	28.46		28.46	28.46
Set	Char.	28.34	28.34		28.34	28.34	28.34		28.34	28.34	28.34		28.34	28.34
48	windy	28.34	28.34		28.34	28.34	28.34		28.34	28.34	28.34		28.34	28.34
R.H. 96	24 hr. Mov.	Sea L.	29.68		29.68	29.68	29.68		29.68	29.68	29.68		29.68	29.68
Ppn. Liq. 2.58	Prev. Dir.	3 hr. Tend.	4.0		4.0	4.0	4.0		4.0	4.0	4.0		4.0	4.0
Ppn. Sol. 0.0	Snow Depth	Observer	MB		MB	MB	MB		MB	MB	MB		MB	MB
		5	5		5	5	5		5	5	5		5	5
		~15	~15		~15	~15	~15		~15	~15	~15		~15	~15
		25	25		25	25	25		25	25	25		25	25

\*\* Wettest Dec. Day Ever! RA obs - 1900 (1/02/1937)  
RA 1940 - 2020  
-RA 2200 - 2300  
RA 2320 - obs  
\* WNT Level: 48

Thu. Dec. 2nd, 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 48	W	70	70	W	70	70	70	W	70	70	70	W	70	70
Min. 36	8 m.p.h.	28.92	28.92		28.92	28.92	28.92		28.92	28.92	28.92		28.92	28.92
Set	Char.	28.80	28.80		28.80	28.80	28.80		28.80	28.80	28.80		28.80	28.80
37	steady	28.80	28.80		28.80	28.80	28.80		28.80	28.80	28.80		28.80	28.80
R.H. 88	24 hr. Mov.	Sea L.	30.32		30.32	30.32	30.32		30.32	30.32	30.32		30.32	30.32
Ppn. Liq. 0.49	Prev. Dir.	3 hr. Tend.	1.5		1.5	1.5	1.5		1.5	1.5	1.5		1.5	1.5
Ppn. Sol. 0.3	Snow Depth	Observer	HW		HW	HW	HW		HW	HW	HW		HW	HW
		5	5		5	5	5		5	5	5		5	5
		~10	~10		~10	~10	~10		~10	~10	~10		~10	~10
		10	10		10	10	10		10	10	10		10	10

RA, OCC - RA obs - 6900  
RA PL 0900-1030 - SN obs - 420  
RA SN 1030-1100  
-SN, OCC SN 1100-1200  
-SN 1820-1900

Friday Dec 3rd, 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 32	W	70	70	W	70	70	70	W	70	70	70	W	70	70
Min. 25	2 m.p.h.	28.58	28.58		28.58	28.58	28.58		28.58	28.58	28.58		28.58	28.58
Set	Char.	28.46	28.46		28.46	28.46	28.46		28.46	28.46	28.46		28.46	28.46
27	calm	28.46	28.46		28.46	28.46	28.46		28.46	28.46	28.46		28.46	28.46
R.H. 88	24 hr. Mov.	Sea L.	30.18		30.18	30.18	30.18		30.18	30.18	30.18		30.18	30.18
Ppn. Liq. T	Prev. Dir.	3 hr. Tend.	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0
Ppn. Sol. T	Snow Depth	Observer	BB		BB	BB	BB		BB	BB	BB		BB	BB
		5	5		5	5	5		5	5	5		5	5
		~17	~17		~17	~17	~17		~17	~17	~17		~17	~17
		17	17		17	17	17		17	17	17		17	17

-SN 0830-1800  
OCC - SN obs - 0900 LT

Sunday December 5, 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 34	WNW	70	70	WNW	70	70	70	WNW	70	70	70	WNW	70	70
Min. 23	3 m.p.h.	28.95	28.95		28.95	28.95	28.95		28.95	28.95	28.95		28.95	28.95
Set	Char.	28.83	28.83		28.83	28.83	28.83		28.83	28.83	28.83		28.83	28.83
24	light	28.83	28.83		28.83	28.83	28.83		28.83	28.83	28.83		28.83	28.83
R.H. 60	24 hr. Mov.	Sea L.	30.4		30.4	30.4	30.4		30.4	30.4	30.4		30.4	30.4
Ppn. Liq. T	Prev. Dir.	3 hr. Tend.	1.5		1.5	1.5	1.5		1.5	1.5	1.5		1.5	1.5
Ppn. Sol. T	Snow Depth	Observer	MS		MS	MS	MS		MS	MS	MS		MS	MS
		5	5		5	5	5		5	5	5		5	5
		~17	~17		~17	~17	~17		~17	~17	~17		~17	~17
		10	10		10	10	10		10	10	10		10	10

-SN 0800-1000 LT  
OCC - SN obs - 0900 LT

Tuesday Dec 7th 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 29	W	68	68	W	68	68	68	W	68	68	68	W	68	68
Min. 22	9 m.p.h.	28.55	28.55		28.55	28.55	28.55		28.55	28.55	28.55		28.55	28.55
Set	Char.	28.44	28.44		28.44	28.44	28.44		28.44	28.44	28.44		28.44	28.44
22	Gusty	28.44	28.44		28.44	28.44	28.44		28.44	28.44	28.44		28.44	28.44
R.H. 80	24 hr. Mov.	Sea L.	29.95		29.95	29.95	29.95		29.95	29.95	29.95		29.95	29.95
Ppn. Liq. T	Prev. Dir.	3 hr. Tend.	1.5		1.5	1.5	1.5		1.5	1.5	1.5		1.5	1.5
Ppn. Sol. T	Snow Depth	Observer	HW		HW	HW	HW		HW	HW	HW		HW	HW
		5	5		5	5	5		5	5	5		5	5
		~15	~15		~15	~15	~15		~15	~15	~15		~15	~15
		17	17		17	17	17		17	17	17		17	17

-SN 0700-0830  
-SN 0830-1030  
-SN 2020-0420  
-SN 0520-0540

Wednesday, December 8th, 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 48	W	70	70	W	70	70	70	W	70	70	70	W	70	70
Min. 36	8 m.p.h.	28.92	28.92		28.92	28.92	28.92		28.92	28.92	28.92		28.92	28.92
Set	Char.	28.80	28.80		28.80	28.80	28.80		28.80	28.80	28.80		28.80	28.80
37	steady	28.80	28.80		28.80	28.80	28.80		28.80	28.80	28.80		28.80	28.80
R.H. 88	24 hr. Mov.	Sea L.	30.32		30.32	30.32	30.32		30.32	30.32	30.32		30.32	30.32
Ppn. Liq. 0.49	Prev. Dir.	3 hr. Tend.	1.5		1.5	1.5	1.5		1.5	1.5	1.5		1.5	1.5
Ppn. Sol. 0.3	Snow Depth	Observer	HW		HW	HW	HW		HW	HW	HW		HW	HW
		5	5		5	5	5		5	5	5		5	5
		~10	~10		~10	~10	~10		~10	~10	~10		~10	~10
		10	10		10	10	10		10	10	10		10	10

RA, OCC - RA obs - 6900  
RA PL 0900-1030 - SN obs - 420  
RA SN 1030-1100  
-SN, OCC SN 1100-1200  
-SN 1820-1900

Thursday Dec 9th 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 32	W	70	70	W	70	70	70	W	70	70	70	W	70	70
Min. 24	17 m.p.h.	28.54	28.54		28.54	28.54	28.54		28.54	28.54	28.54		28.54	28.54
Set	Char.	28.42	28.42		28.42	28.42	28.42		28.42	28.42	28.42		28.42	28.42
25	windy	28.42	28.42		28.42	28.42	28.42		28.42	28.42	28.42		28.42	28.42
R.H. 74	24 hr. Mov.	Sea L.	29.83		29.83	29.83	29.83		29.83	29.83	29.83		29.83	29.83
Ppn. Liq. T	Prev. Dir.	3 hr. Tend.	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0
Ppn. Sol. T	Snow Depth	Observer	BB		BB	BB	BB		BB	BB	BB		BB	BB
		5	5		5	5	5		5	5	5		5	5
		~18	~18		~18	~18	~18		~18	~18	~18		~18	~18
		18	18		18	18	18		18	18	18		18	18

-SN 0900-0940  
-SN 1700-1720  
-SN 2000-2240  
\* WNT Level: 25

Friday Dec 10th 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 30	S	70	70	S	70	70	70	S	70	70	70	S	70	70
Min. 18	11 m.p.h.	29.06	29.06		29.06	29.06	29.06		29.06	29.06	29.06		29.06	29.06
Set	Char.	28.94	28.94		28.94	28.94	28.94		28.94	28.94	28.94		28.94	28.94
24	light	28.94	28.94		28.94	28.94	28.94		28.94	28.94	28.94		28.94	28.94
R.H. 65	24 hr. Mov.	Sea L.	30.38		30.38	30.38	30.38		30.38	30.38	30.38		30.38	30.38
Ppn. Liq. 0.0	Prev. Dir.	3 hr. Tend.	1.0		1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0
Ppn. Sol. 0.0	Snow Depth	Observer	BB		BB	BB	BB		BB	BB	BB		BB	BB
		5	5		5	5	5		5	5	5		5	5
		~12	~12		~12	~12	~12		~12	~12	~12		~12	~12
		1												

F: 52      Turn: 51/49      Tw: M  
 HDD: 13      TDays: 48/47      Tg: 47  
 dHDD: 13      wmts: 58/36/44  
 CDD: 0  
 dCDD: 0  
 dPCN: 2.58"  
 dPCNs: 0.0"      12-1-10  
 dPCN: 3.07"  
 dPCNs: ~~0.3~~ 0.3"      12/2/10

F: 29      Turn: 26/22      Tw: M  
 HDD: 36      TDays: 27/24      Tg: 24  
 dHDD: 77      mmts: 30/24/25  
 CDD: 0  
 dCDD: 0  
 dPCN: 3.07"  
 dPCNs: 0.3"      12-3-10  
 PCN: 3.07"  
 PCNs: 0.3"      12/4/10

F: 29      Turn: 23/10      Tw: M  
 HDD: 30      TDays: 25/18      Tg: 17  
 dHDD: 148      MMTS: 31/22/23  
 CDD: 0  
 dCDD: 0  
 dPCN: 3.07"  
 dPCNs: 0.3"      12/5/10  
 dPCN: 3.07"  
 dPCNs: 0.3"      12-6-10

F: 26      Turn: 23/17      Tw: M  
 HDD: 39      TDays: 23/18      Tg: 17  
 dHDD: 224      MMTS: 37/18/21  
 CDD: 0  
 dCDD: 0  
 dPCN: 3.07"  
 dPCNs: 0.3"      12-7-10  
 dPCN: 3.07"  
 dPCNs: 0.5"      12-8-10

F: 23      Turn: 19/13      Tw: M  
 HDD: 42      TDays: 19/15      Tg: 13  
 dHDD: 307      MMTS: 25/17/17  
 CDD: 0  
 dCDD: 0  
 dPCN: 3.09"  
 dPCNs: 1.5"      12-9-10  
 F: 24      Turn: 23/13      Tw: M  
 HDD: 41      TDays: 24/14      Tg: 14  
 dHDD: 348      MMTS: 27/14/23  
 CDD: 0  
 dCDD: 0  
 dPCN: 3.09"  
 dPCNs: 1.5"      12-10-10

Saturday, November 11<sup>th</sup>, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 30 °F	—	708 °F	70	W	70	70	70	W	70	70
Min. 21 °F	0 m.p.h.	29.03 in.	28.91 in.	—	28.91 in.	29.03 in.	28.91 in.	—	28.91 in.	29.03 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
22 °F	calm	—	28.91 in.	calm	—	28.91 in.	28.91 in.	calm	—	28.91 in.
R.H. 91 %	—	30.37 in.	30.37 in.	—	30.37 in.	30.37 in.	30.37 in.	—	30.37 in.	30.37 in.
Ppn. Liq. 0.06 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.
Ppn. Sol. 1.2 in.	Snow Depth	Observer	Observer	Snow Depth	Observer	Observer	Observer	Snow Depth	Observer	Observer
	1.2 in.	EC	EC	1.2 in.	EC	EC	EC	1.2 in.	EC	EC

Sunday, December 12, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 38 °F	NE	70 °F	70	NE	70	70	70	NE	70	70
Min. 20 °F	2 m.p.h.	28.30 in.	28.30 in.	—	28.30 in.	28.30 in.	28.30 in.	—	28.30 in.	28.30 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
30 °F	light	—	28.23 in.	light	—	28.23 in.	28.23 in.	light	—	28.23 in.
R.H. 100 %	—	29.86 in.	29.86 in.	—	29.86 in.	29.86 in.	29.86 in.	—	29.86 in.	29.86 in.
Ppn. Liq. 0.06 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.
Ppn. Sol. 0.0 in.	Snow Depth	Observer	Observer	Snow Depth	Observer	Observer	Observer	Snow Depth	Observer	Observer
	0 in.	MS	MS	0 in.	MS	MS	MS	0 in.	MS	MS

Monday, Dec. 13<sup>th</sup>, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 44 °F	W	70 °F	70	W	70	70	70	W	70	70
Min. 22 °F	9 m.p.h.	28.16 in.	28.16 in.	—	28.16 in.	28.16 in.	28.16 in.	—	28.16 in.	28.16 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
25 °F	light	—	28.04 in.	light	—	28.04 in.	28.04 in.	light	—	28.04 in.
R.H. 81 %	—	29.41 in.	29.41 in.	—	29.41 in.	29.41 in.	29.41 in.	—	29.41 in.	29.41 in.
Ppn. Liq. 0.37 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.
Ppn. Sol. T in.	Snow Depth	Observer	Observer	Snow Depth	Observer	Observer	Observer	Snow Depth	Observer	Observer
	T in.	B3	B3	T in.	B3	B3	B3	T in.	B3	B3

Tuesday, Dec 14<sup>th</sup>, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 37 °F	W	68 °F	68	W	68	68	68	W	68	68
Min. 13 °F	10 m.p.h.	28.45 in.	28.45 in.	—	28.45 in.	28.45 in.	28.45 in.	—	28.45 in.	28.45 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
15 °F	gusty	—	28.33 in.	gusty	—	28.33 in.	28.33 in.	gusty	—	28.33 in.
R.H. 67 %	—	29.90 in.	29.90 in.	—	29.90 in.	29.90 in.	29.90 in.	—	29.90 in.	29.90 in.
Ppn. Liq. 0.02 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.
Ppn. Sol. 0.3 in.	Snow Depth	Observer	Observer	Snow Depth	Observer	Observer	Observer	Snow Depth	Observer	Observer
	T in.	HW	HW	T in.	HW	HW	HW	T in.	HW	HW

Wednesday, Dec. 15<sup>th</sup>, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 21 °F	W	70 °F	70	W	70	70	70	W	70	70
Min. 14 °F	12 m.p.h.	28.63 in.	28.63 in.	—	28.63 in.	28.63 in.	28.63 in.	—	28.63 in.	28.63 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
16 °F	gusty	—	28.51 in.	gusty	—	28.51 in.	28.51 in.	gusty	—	28.51 in.
R.H. 77 %	—	29.95 in.	29.95 in.	—	29.95 in.	29.95 in.	29.95 in.	—	29.95 in.	29.95 in.
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.
Ppn. Sol. T in.	Snow Depth	Observer	Observer	Snow Depth	Observer	Observer	Observer	Snow Depth	Observer	Observer
	T in.	B3	B3	T in.	B3	B3	B3	T in.	B3	B3

Thursday, Dec 16<sup>th</sup>, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 24 °F	SW	68 °F	68	SW	68	68	68	SW	68	68
Min. 14 °F	1 m.p.h.	28.65 in.	28.65 in.	—	28.65 in.	28.65 in.	28.65 in.	—	28.65 in.	28.65 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
15 °F	calm	—	28.53 in.	calm	—	28.53 in.	28.53 in.	calm	—	28.53 in.
R.H. 70 %	—	30.10 in.	30.10 in.	—	30.10 in.	30.10 in.	30.10 in.	—	30.10 in.	30.10 in.
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.
Ppn. Sol. T in.	Snow Depth	Observer	Observer	Snow Depth	Observer	Observer	Observer	Snow Depth	Observer	Observer
	T in.	HW	HW	T in.	HW	HW	HW	T in.	HW	HW

Friday, Dec. 17<sup>th</sup>, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 45 °F	WSW	70 °F	70	WSW	70	70	70	WSW	70	70
Min. 14 °F	1 m.p.h.	28.73 in.	28.73 in.	—	28.73 in.	28.73 in.	28.73 in.	—	28.73 in.	28.73 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
20 °F	calm	—	28.61 in.	calm	—	28.61 in.	28.61 in.	calm	—	28.61 in.
R.H. 84 %	—	30.05 in.	30.05 in.	—	30.05 in.	30.05 in.	30.05 in.	—	30.05 in.	30.05 in.
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.
Ppn. Sol. T in.	Snow Depth	Observer	Observer	Snow Depth	Observer	Observer	Observer	Snow Depth	Observer	Observer
	T in.	B3	B3	T in.	B3	B3	B3	T in.	B3	B3

Saturday, Dec 18<sup>th</sup>, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 30 °F	WSW	68 °F	68	WSW	68	68	68	WSW	68	68
Min. 20 °F	8 m.p.h.	28.97 in.	28.97 in.	—	28.97 in.	28.97 in.	28.97 in.	—	28.97 in.	28.97 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
23 °F	skedy	—	28.85 in.	skedy	—	28.85 in.	28.85 in.	skedy	—	28.85 in.
R.H. 77 %	—	30.39 in.	30.39 in.	—	30.39 in.	30.39 in.	30.39 in.	—	30.39 in.	30.39 in.
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.
Ppn. Sol. T in.	Snow Depth	Observer	Observer	Snow Depth	Observer	Observer	Observer	Snow Depth	Observer	Observer
	T in.	EC	EC	T in.	EC	EC	EC	T in.	EC	EC

Sunday, Dec 19<sup>th</sup>, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 31 °F	—	69 °F	69	—	69	69	69	—	69	69
Min. 13 °F	0 m.p.h.	28.86 in.	28.86 in.	—	28.86 in.	28.86 in.	28.86 in.	—	28.86 in.	28.86 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
14 °F	calm	—	28.74 in.	calm	—	28.74 in.	28.74 in.	calm	—	28.74 in.
R.H. 87 %	—	30.20 in.	30.20 in.	—	30.20 in.	30.20 in.	30.20 in.	—	30.20 in.	30.20 in.
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.
Ppn. Sol. 0.0 in.	Snow Depth	Observer	Observer	Snow Depth	Observer	Observer	Observer	Snow Depth	Observer	Observer
	T in.	EC	EC	T in.	EC	EC	EC	T in.	EC	EC

Monday, Dec. 20<sup>th</sup>, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 29 °F	W	70 °F	70	W	70	70	70	W	70	70
Min. 12 °F	4 m.p.h.	28.81 in.	28.81 in.	—	28.81 in.	28.81 in.	28.81 in.	—	28.81 in.	28.81 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
24 °F	light	—	28.69 in.	light	—	28.69 in.	28.69 in.	light	—	28.69 in.
R.H. 81 %	—	30.18 in.	30.18 in.	—	30.18 in.	30.18 in.	30.18 in.	—	30.18 in.	30.18 in.
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.
Ppn. Sol. T in.	Snow Depth	Observer	Observer	Snow Depth	Observer	Observer	Observer	Snow Depth	Observer	Observer
	T in.	EC	EC	T in.	EC	EC	EC	T in.	EC	EC

Sunday, December 12, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 38 °F	NE	70 °F	70	NE	70	70	70	NE	70	70
Min. 20 °F	2 m.p.h.	28.30 in.	28.30 in.	—	28.30 in.	28.30 in.	28.30 in.	—	28.30 in.	28.30 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
30 °F	light	—	28.23 in.	light	—	28.23 in.	28.23 in.	light	—	28.23 in.
R.H. 100 %	—	29.86 in.	29.86 in.	—	29.86 in.	29.86 in.	29.86 in.	—	29.86 in.	29.86 in.
Ppn. Liq. 0.06 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	3 hr. Tend.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.
Ppn. Sol. 0.0 in.	Snow Depth	Observer	Observer	Snow Depth	Observer	Observer	Observer	Snow Depth	Observer	Observer
	0 in.	MS	MS	0 in.	MS	MS	MS	0 in.	MS	MS

Thursday, Dec 16<sup>th</sup>, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir.	Temp	Barom.	Temp	Dir.	Temp	Barom.
Max. 24 °F	SW	68 °F	68	SW	68	68	68	SW	68	68
Min. 14 °F	1 m.p.h.	28.65 in.	28.65 in.	—	28.65 in.	28.65 in.	28.65 in.	—	28.65 in.	28.65 in.
Set	Char.	Corr.	Corr.	Char.	Corr.	Corr.	Corr.	Char.	Corr.	Corr.
15 °F	calm	—	28.53 in.	calm	—	28.53 in.	28.53 in.	calm	—	28.53 in.
R.H. 70 %	—	30.10 in.	30.10 in.	—	30.10 in.	30.10 in.				

F: 26  
 HDD: 34  
 2HDD: 387  
 CDD: 0  
 2CDD: 0

Tues: 29/20  
 Tues: 29/21  
 MMTS: 28/20/20

Tu: M  
 Tu: 21

F: 24  
 HDD: 36  
 2HDD: 423  
 CDD: 0  
 2CDD: 0

Tues: 35/35  
 Tues: 38/38  
 MMTS: 37/18/35

Tu: 30  
 Tu: 30

ΣPEN: 3.15"  
 ΣPENS: 2.7"

12/11/10

ΣPEN: 3.23"  
 ΣPENS: 2.7"

12/12/10

F: 33  
 HDD: 32  
 2HDD: 455  
 CDD: 0  
 2CDD: 0

Tues: 26/18  
 Tues: 25/20  
 MMTS: 42/24/24

Tu: M  
 Tu: 20

F: 30  
 HDD: 45  
 2HDD: 500  
 CDD: 0  
 2CDD: 0

Tues: 15/6  
 Tues: 14/6  
 MMTS: 24/11/13

Tu: M  
 Tu: 6

ΣPEN: 3.62"  
 ΣPENS: 3.0"

12-13-10

12-14-10

F: 18  
 HDD: 47  
 2HDD: 547  
 CDD: 0  
 2CDD: 0

Tues: 16/19  
 Tues: 16/10  
 MMTS: 19/9/15

Tu: M  
 Tu: 10

F: 19  
 HDD: 46  
 2HDD: 593  
 CDD: 0  
 2CDD: 0

Tues: 12/7  
 Tues: 14/9  
 MMTS: 24/11/13

Tu: M  
 Tu: 7

ΣPEN: 3.62"  
 ΣPENS: 3.0"

12-15-10

12-16-10

F: 20  
 HDD: 45  
 2HDD: 638  
 CDD: 0  
 2CDD: 0

Tues: 20/15  
 Tues: 20/16  
 MMTS: 22/17/19

Tu: M  
 Tu: 16

F: 25  
 HDD: 40  
 2HDD: 678  
 CDD: 0  
 2CDD: 0

Tues: 23/10  
 Tues: 23/17  
 MMTS: 28/13/22

Tu: M  
 Tu: 17

ΣPEN: 3.62"  
 ΣPENS: 3.0"

12-17-10

12/18/10

F: 22  
 HDD: 43  
 2HDD: 721  
 CDD: 0  
 2CDD: 0

Tues: 12/8  
 Tues: 17/13  
 MMTS: 28/11/11

Tu: M  
 Tu: 11

F: 21  
 HDD: 44  
 2HDD: 765  
 CDD: 0  
 2CDD: 0

Tues: 24/18  
 Tues: 24/20  
 MMTS: 27/11/22

Tu: M  
 Tu: 19

ΣPEN: 3.62"  
 ΣPENS: 3.0"

12/19/10

ΣPEN: 3.62"  
 ΣPENS: 3.0"

12/20/10

Tuesday, Dec 21, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	-SN OBS-1115 LT		
Max. 29 °F	Dir. -	Temp 70 °F	-SN 1900-1745 LT		
Min. 24 °F	Vel. 0 m.p.h.	Read. 28.83 in.	-SN 0000-0330 LT		
Set	Char.	Corr.			
24 °F	Calim	28.71 in.			
R.H.	24 hr. Mov.	Sea L.	0700		
68 %	-	30.14 in.	Clds. St	1300	Clds. St
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Clds. St	1900	Clds. St
T in.	-	N±0.0 mb	3/10	4/10	4/10
Ppn. Sol.	Snow Depth	Observer	Wx cold	Wx cold	Wx cold
T in.	T in.	EC	Vis. ~20 mi.	Vis. ~25 mi.	Vis. ~20 mi.

Wednesday, Dec 22, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	OUNT low: 26		
Max. 35 °F	Dir. N	Temp 70 °F			
Min. 23 °F	Vel. 2 m.p.h.	Read. 28.74 in.			
Set	Char.	Corr.			
26 °F	calm	28.62 in.			
R.H.	24 hr. Mov.	Sea L.	0700		
75 %	-	30.04 in.	Clds. St	1300	Clds. Cs
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Clds. Cs	1900	Clds. St
0.00 in.	-	-1.0 mb	9/10	5/10	4/10
Ppn. Sol.	Snow Depth	Observer	Wx cold	Wx cold	Wx cold
0.0 in.	T in.	BB	Vis. ~10 mi.	Vis. ~20 mi.	Vis. ~25 mi.

Thursday, Dec 23, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	-SN 2030-2330 LT		
Max. 37 °F	Dir. NW	Temp 71 °F	-SN 0300-0430 LT		
Min. 25 °F	Vel. 10 m.p.h.	Read. 28.84 in.	-SN 0600-05 LT		
Set	Char.	Corr.			
27 °F	gusty	28.72 in.			
R.H.	24 hr. Mov.	Sea L.	0700		
75 %	-	30.14 in.	Clds. St	1300	Clds. St
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Clds. St	1900	Clds. St
T in.	-	+1.0 mb	9/10	7/10	8/10
Ppn. Sol.	Snow Depth	Observer	Wx Flurries	Wx Dusty	Wx drizzly
T in.	T in.	EC	Vis. ~20 mi.	Vis. ~25 mi.	Vis. ~20 mi.

Friday, Dec 24, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	-SN obs - 0930 LT		
Max. 34 °F	Dir. W	Temp 72 °F	-SN obs - 05 LT		
Min. 23 °F	Vel. 8 m.p.h.	Read. 29.03 in.			
Set	Char.	Corr.			
24 °F	light	28.90 in.			
R.H.	24 hr. Mov.	Sea L.	0700		
74 %	-	30.34 in.	Clds. St	1300	Clds.
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Clds.	1900	Clds. -Cs
T in.	-	+1.0 mb	9/10	Wx	9/10
Ppn. Sol.	Snow Depth	Observer	Wx -SHSN	Wx	Wx SHSN
T in.	T in.	BB	Vis. ~18 mi.	Vis.	Vis. 7/10 mi.

FRIDAY 25 DEC, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	-SN obs ~1100 LT		
Max. 33 °F	Dir. -	Temp 70 °F			
Min. 23 °F	Vel. 0 m.p.h.	Read. 28.86 in.			
Set	Char.	Corr.			
24 °F	CRM	28.98 in.			
R.H.	24 hr. Mov.	Sea L.	0700		
78 %	-	30.43 in.	Clds. 10/10	1300	Clds. 10/10
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Clds.	1900	Clds. 10/10
T in.	-	-0.1 mb	Wx snow	Wx	Wx -SN
Ppn. Sol.	Snow Depth	Observer	Wx	Vis.	Vis. 7/10 mi.
T in.	☺ in.	WVS	Vis. 25 mi.	Vis.	Vis. 25 mi.

SUNDAY 26 DEC 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	-SN ~1015-1100 LT		
Max. 30 °F	Dir. N	Temp 70 °F	-SN 1800-005		
Min. 21 °F	Vel. 4 m.p.h.	Read. 28.70 in.			
Set	Char.	Corr.			
22 °F	Lght	28.58 in.			
R.H.	24 hr. Mov.	Sea L.	0700		
87 %	-	30.01 in.	Clds. 10/10	1300	Clds. 10/10
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Clds.	1900	Clds. 10/10
0.04 in.	-	-1.8 mb	Wx -SN	Wx	Wx -SN
Ppn. Sol.	Snow Depth	Observer	Wx	Vis.	Vis. 20 mi.
0.2 in.	T in.	WVS	Vis. 20 mi.	Vis.	Vis. 20 mi.

Monday, Dec, 27th, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	-SN obs - 0245 LT		
Max. 27 °F	Dir. NW	Temp 70 °F			
Min. 16 °F	Vel. 8 m.p.h.	Read. 28.56 in.			
Set	Char.	Corr.			
17 °F	light	28.44 in.			
R.H.	24 hr. Mov.	Sea L.	0700		
67 %	-	29.88 in.	Clds. St	1300	Clds. St
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Clds. St	1900	Clds. St
T in.	-	+2.0 mb	11/10	5/10	4/10
Ppn. Sol.	Snow Depth	Observer	Wx very cold	Wx cold/windy	Wx cold/windy
T in.	T in.	BB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Tuesday, Dec 28th 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	-SHSN 1640-1700		
Max. 28 °F	Dir. W/SW	Temp 70 °F			
Min. 16 °F	Vel. 10 m.p.h.	Read. 28.82 in.			
Set	Char.	Corr.			
22 °F	Gosyng	28.82 in.			
R.H.	24 hr. Mov.	Sea L.	0700		
74 %	-	30.27 in.	Clds. St	1300	Clds. St
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Clds. St	1900	Clds. St
T in.	-	0.5 mb	3/10	Wx	3/10
Ppn. Sol.	Snow Depth	Observer	Wx cold/windy	Wx	Wx cold
T in.	T in.	HW	Vis. 25 mi.	Vis.	Vis. 25 mi.

Wednesday, Dec. 29, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	OUNT low: 27		
Max. 34 °F	Dir. W	Temp 72 °F			
Min. 21 °F	Vel. 7 m.p.h.	Read. 28.87 in.			
Set	Char.	Corr.			
27 °F	light	28.74 in.			
R.H.	24 hr. Mov.	Sea L.	0700		
81 %	-	30.17 in.	Clds. St	1300	Clds. St
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Clds. St	1900	Clds. St
0.00 in.	-	+0.5 mb	7/10	5/10	7/10
Ppn. Sol.	Snow Depth	Observer	Wx valley fog	Wx bright	Wx avg.
0.0 in.	T in.	BB	Vis. ~10 mi.	Vis. 25 mi.	Vis. 25 mi.

Thursday, Dec 30 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	OUNT low: 24		
Max. 40 °F	Dir. -	Temp 72 °F			
Min. 19 °F	Vel. 0 m.p.h.	Read. 29.01 in.			
Set	Char.	Corr.			
22 °F	calm	28.88 in.			
R.H.	24 hr. Mov.	Sea L.	0700		
90 %	-	30.46 in.	Clds. 0/10	1300	Clds. 10/10
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Clds.	1900	Clds. NS
0.00 in.	-	1.0 mb	Wx cool	Wx -24	Wx calm
Ppn. Sol.	Snow Depth	Observer	Wx	Vis.	Vis. 17 mi.
0.0 in.	0 in.	HW	Vis. ~15 mi.	Vis.	Vis. 17 mi.

F: 27  
HDD: 38  
Z HDD: 803  
CDD: 0  
Z CDD: 0

Tuv: 23/14  
T Davis: 24/16  
MMTS: 27/22/22

Tu: M  
Td: 15

Z PCNL: 3.63"  
Z PCNS: 3.0"

12/21/10

F: 31  
HDD: 34  
Z HDD: 873  
CDD: 0  
Z CDD: 0

Tuv: 27/18  
T Davis: 27/21  
MMTS: 35/24/26

Tu: M  
Td: 20

Z PCNL: 3.63"  
Z PCNS: 3.0"

12/23/10

F: 28  
HDD: 37  
Z HDD: 946  
Z CDD: 0

Tuv: 24/18  
T Davis: 25/19  
MMTS: 30/22/23

Tu: M  
Td: 18

Z PCNL: 3.62  
Z PCNS: 3.0

12/25/10

F: 22  
HDD: 43  
Z HDD: 1028  
CDD: 0  
Z CDD: 0

Tuv: 17/16  
T Davis: 17/18  
MMTS: 25/10/16

Tu: M  
Td: 8

Z PCNL: 3.63"  
Z PCNS: 3.2"

12-27-10

F: 28  
HDD: 37  
Z HDD: 1108  
CDD: 0  
Z CDD: 0

Tuv: 26/20  
T Davis: 27/22  
MMTS: 32/20/25

Tu: M  
Td: 22

Z PCNL: 3.63"  
Z PCNS: 3.2"

12-29-10

F: 29  
HDD: 36  
Z HDD: 839  
CDD: 0  
Z CDD: 0

Tuv: 27/16  
T Davis: 28/19  
MMTS: 33/15/25

Tu: M  
Td: 19

Z PCNL: 3.62"  
Z PCNS: 3.0"

12-22-10

F: 29  
HDD: 36  
Z HDD: 909  
CDD: 0  
Z CDD: 0

Tuv: 24/15  
T Davis: 24/17  
MMTS: 34/22/22

Tu: M  
Td: 17

Z PCNL: 3.62"  
Z PCNS: 3.0"

12-24-10

F: 26  
HDD: 39  
Z HDD: 985  
Z CDD: 0

Tuv: 21/18  
T Davis: 23/19  
MMTS: 28/20/20

Tu: M  
Td: 19

Z PCNL: 3.63"  
Z PCNS: 3.2"

12-28-10

F: 22  
HDD: 43  
Z HDD: 1071  
CDD: 0  
Z CDD: 0

Tuv: 22/15  
T Davis: 22/16  
MMTS: 26/17/21

Tu: M  
Td: 16

Z PCNL: 3.63"  
Z PCNS: 3.2"

12-28-10

F: 30  
HDD: 35  
Z HDD: 1143  
CDD: 0  
Z CDD: 0

Tuv: 18/17  
T Davis: 22/20  
MMTS: 38/18/20

Tu: M  
Td: 20

Z PCNL: 3.63"  
Z PCNS: 3.2"

12-30-10

Friday December 31, 2010  
0700 EST

General Obs.

Temp.		Wind	Barom.	-RA 1250-1305		
Max. 38 °F	Dir. /		Temp. 70 °F			
Min. 19 °F	Vel. 0 m.p.h.		Read. 28.93 in.			
Set 27 °F	Char. /		Corr. 28.81 in.	OVRT. LOW. 26		
R.H. 87 %	24 hr. Mov. /	Sea L.		0700	1300	1900
Ppn. Liq. Ppn. /	Prev. Dir. /	30.38 in.		Clds. St.	Clds. SE	Clds. 1/2 SC
Wx in. /	Wx in. /	0 - mb		Wx COLM	Wx Hazy	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS		Vis. ~15 mi.	Vis. 17 mi.	Vis. 17 mi.

T: 29      Turn: 28/20      Tw: M  
HDD: 30      Dams: 28/20      Ta: 20  
ΣHDD: 1179      MHTS: 30/17/20

ΣCDD: 0      DEC TEMPS      2010 temps  
                     $\bar{T}_{max} = 32.8^{\circ}F$        $\bar{T}_{max} = 60.71^{\circ}$   
                     $\bar{T}_{mid} = 29.6^{\circ}$        $\bar{T}_{mid} = 42.39^{\circ}$   
                     $\bar{T}_{DEC} = 26.71^{\circ}$        $\bar{T}_{2010} = 51.55^{\circ} (+2.12)$

ΣPCNL: 3.03"  
ΣPONS: 3.2"

12/31/10