

JANUARY 1, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 40 °F		Dir. WNW	Temp. 68	CLOUDS INCREASED RAPIDLY AT 5:00 PM 5- O'CLIP IP BEGAN "INCLT (31ST) OCAL HUGE SNOWFLAKES (1/2"-2 1/2" DIA.) IF AND 21- 1230 - 1830 3100W OCAL BL- AND R- CUNT 25016 2100 APPROX PRORR ~ 0.500 LT USF)		
Min. 7 °F		Vel. 13 m.p.h.	Read. 28.94			
Set 36 °F		Char. -	Corr. 28.82			
R. H. 86 %	24 hr. Mov. N/A	Sea L. 30.22	Clds. 10/10	0700	1300	1900
Ppn. Liq. 0.13 in.	Prev. Dir. N/A	3 hr. Tend. H.7mb ✓	Wx -	Clds.	Clds.	Clds.
Ppn. Sol. 0.4 in.	Snow Depth 2 in.	Observer FJG	Vis. 12 mi	Wx	Wx	Wx
				Vis.	Vis.	Vis.

$$T_d (UV) = 34$$

$$\bar{T} = 24$$

$$DD = 41$$

$$\sum DD = 41$$

$$\sum PNL = 0.13''$$

$$\sum PNL_{SOLID} = 0.4''$$

SAT. JAN 2, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	36 °F	Dir.	WSW	Temp.	70	CIRRUS SOUTH PATCHY CU, ALTOCU WEST		
Min.	11 °F	Vel.	8 m.p.h.	Read.	29.20			
Set	11 °F	Char.	STDY	Corr.	29.08			
R. H.	67 %	24 hr. Mov.	NA	Sea L.	30.55	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NA	3 hr. Tend.	+15mb-1	Clds.	3/10	Clds.
Ppn.	0 in.	Snow Depth	1 in.	Observer	JHM	Wx	SCT	Wx
				Observer	JHM	Vis.	30 mi.	Vis.

$$T_{\text{top}} = 13$$

$$T_d = 4$$

(mm)

$$\bar{T} = 24$$

$$DD = 41$$

$$\Sigma DD = 82$$

$$\Sigma p_{\text{CW}}(L) = 0.13''$$

$$\Sigma p_{\text{CW}}(S) = 0.4''$$

SUN. JAN 3, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	27 °F	Dir. SE	Temp. 70	OVC CIRROSTRATUS WITH BREAKS IN EAST HAZE, SMOKE AT BASE OF RIDGES		
Min.	8 °F	Vel. 3 m.p.h.	Read. 29.16			
Set	9 °F	Char. light	Corr. 29.03			
R. H.	84 %	24 hr. Mov. NA	Sea L. 30.51	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. +5mb	Wx OVC	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 1 in.	Observer JHM	Vis. 20 mi.	Vis.	Vis.

$$T_d(uwv) = 5$$

$$\bar{F} = 18$$

$$DD = 47$$

$$\Sigma_{DD} = 129$$

$$\Sigma_{PCN(L)} = 0.13''$$

$$\Sigma_{PCN(S)} = 0.4''$$

MON. JAN 4, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	26 °F	Dir. SW	Temp. 70	VY LT SNOW FLURRIES BEGAN ~ 0645 LT FULL MOON VISIBLE WEST		
Min.	9 °F	Vel. 4 m.p.h.	Read. 28.68			
Set	21 °F	Char. STDY	Corr. 28.56			
R. H.	84 %	24 hr. Mov. NA	Sea L. 29.98	0700 Clds. 9/10	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. NA	3 hr. Tend. -1.5mb \	Wx BKN	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 1 in.	Observer JHM	Vis. 7 mi.	Vis.	Vis.

$$T_d(\text{UNV}) = 17$$

$$\bar{T} = 18$$

$$DD = 47$$

$$\sum DD = 176$$

$$\sum p_w(L) = 0.13''$$

$$\sum p_w(U) = 0.4''$$



TUES. JAN. 5, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. W	Temp. 70	FULL MOON SHINING BRIGHTLY. PK. WIND RECORD - 34 MPH. RH FROM RA70S SLING PSYCH. MISSING		
Min.	1 °F	Vel. 18 m.p.h.	Read. 28.97			
Set	1 °F	Char. STDY	Corr. 28.85			
R. H.	71 %	24 hr. Mov. 319 mi	Sea L. 30.36	0700 Clds. 2/10	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. +2 mb	Wx SCT.	Wx	Wx
Ppn. Sol.	T in.	Snow Depth 1 in.	Observer OK	Vis. 15 mi	Vis.	Vis.

$$\overline{T_{(UN)}} = 2$$

$$T_d(UN) = -10$$

$$\overline{T} = 15$$

$$DD = 50$$

$$L_{00} = 226$$

$$\Sigma PCN(4) = 0.13''$$

$$\Sigma PCN(5) = 0.4''$$

WED. JAN. 6, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	Dir.	Temp.	FULL MOON STILL BRIGHT. ICE CRYSTALS AROUND.					
10 °F	W	71						
Min.	Vel.	Read.						
-1 °F	12 m.p.h.	29.12						
Set	Char.	Corr.						
-1 °F	STDY	29.00						
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900			
85 %	251	30.52	Clds.	Clds.	Clds.			
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
T in.	W	+1mb	CLR.					
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
T in.	1" in.	6K	6K	15mi				

$$\bar{T} = 5$$

$$D_0 = 60$$

$$\sum PD = 286$$

$$\sum PCN(4) = 0.13''$$

$$\sum PCN(5) = 0.4''$$

$$T = 0$$

$$T_d = -5$$

Thurs. JAN 7, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	13 °F	Dir. SW	Temp. 73	CIRRUS SOUTH RAMOS ON RT LO = 0 HIGH Pressure!		
Min.	-1* °F	Vel. 7 m.p.h.	Read. 29.32	* tied record low 1942		
Set	3 °F	Char. STDY	Corr. 29.19	0700	1300	1900
R. H.	83 %	24 hr. Mov. 144.7 mi.	Sea L. 30.71	Clds. 1/10	Clds.	Clds.
Ppn.	Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +1.0mb ↓	Wx CLR	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 1 in.	Observer JHM	Vis. 20 mi.	Vis.	Vis.

$$T_d(\text{mm}) = -1 \quad T_d(\text{mm}) = -3 \quad \text{WIND}(\text{km}) = \text{CALM}$$

$$\bar{T} = 6$$

$$DD = 59$$

$$\Sigma DD = 345$$

$$\Sigma p_{\text{cm}}(L) = 0.13''$$

$$\Sigma p_{\text{cm}}(S) = 0.4''$$

FRI, JAN. 8, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	15 °F	Dir.	E	Temp.	VERT DRY, POWDERTY SNOW. SNOW BEGAN ~ 10 PM. LOW T OCCURED ~ 0800LT, 7th RAMOS OVRNT LO = 11			
Min.	1 °F	Vel.	4 m.p.h.	Read.				20.97
Set	11 °F	Char.	STDY	Corr.				28.84
R. H.	87 %	24 hr. Mov.	34.1 mi	Sea L.	30.32	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	E	3 hr. Tend.	-5.06	Clds.	Clds.	Clds.
Ppn.	Sol.	Snow Depth	3.0 in.	Observer	6K	Wx	Wx	Wx
						LT. SWSW		
						Vis.	Vis.	Vis.
						4 mi		

$$\bar{T} = 8$$

$$DO = 57$$

$$\Sigma DO = 402$$

$$\Sigma PCN(4) = 0.22''$$

$$\Sigma PCN(5) = 2.4''$$

$$T_{(7)} = 12$$

$$Td(\text{max}) = 8$$

$$Td(\text{min}) = 8$$





$$T_{\text{roof}} = 16 \quad T_{\text{d. 2000}} = 8$$

$$\bar{T} = 17$$

$$DD = 48$$

$$\Sigma DD = 450$$

$$\Sigma \text{PUN}(L) = 0.29''$$

$$\Sigma \text{PUN}(S) = 3.6''$$

SUN JAN 10, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	25 °F	Dir.	W	Temp.	RAIIS SVNT. LOW: 9°			
Min.	1 °F	Vel.	4 m.p.h.	Read.				74
Set	2 °F	Char.	STGY	Corr.				29.08
R. H.	87 %	24 hr. Mov.	75.7 mi	Sea L.	30.46	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1.61	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	3 in.	Observer	OK	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						15 mi		

$$\bar{T} = 13$$

$$OD = 52$$

$$\Sigma OD = 502$$

$$\Sigma PCN (4) = 0.29''$$

$$\Sigma PCN (9) = 3.6''$$

$$T(\text{TRANS}) = 9$$

$$T(\text{UNY}) = 11$$

$$Td(\text{TRANS}) = 5$$

$$Td(\text{UNY}) = 5$$

MON. JAN 11, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	25 °F	Dir. SE	Temp. 74°	mt. FOG IN VALLEY		
Min.	-3 °F	Vel. 0 m.p.h.	Read. 29.12			
Set	-2 °F	Char. CALM	Corr. 28.99	RAMOS GUNT LOW 0°		
R. H.	96 %	24 hr. Mov. 19 mI	Sea L. 30.51	Clds. 0/10	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. W	3 hr. Tend. 1.5mb	Wx CLEAR	Wx	Wx
Ppn.	0 in.	Snow Depth 3 in.	Observer MPR	Vis. 9 mI	Vis.	Vis.

Troofi 0

Twet: -4

T: 14

DB: 51

$\Sigma PD: 553$

$\Sigma PCN(L): 0.29''$

$\Sigma PCN(S): 3.6''$

Tues., January 12, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	29 °F	Dir. —	Temp. 72 °F	valley by east		
Min.	-3 °F	Vel. 0 m.p.h.	Read. 28.95			
Set	8 °F	Char. Calm	Corr. 28.82			
R. H.	87 %	24 hr. Mov. 25.2 mi	Sea L. 30.31	Ramses Overcast low = 11 °F		
Ppn.	Liq. 0 in.	Prev. Dir. S	3 hr. Tend. -0.3 in. ↓	0700	1300	1900
Ppn.	Sol. 0 in.	Snow Depth 3 in.	Observer JPH	Clds. (C Str 9/10 Alt Str.	Clds.	Clds.
				Wx —	Wx	Wx
				Vis. 10 mi	Vis.	Vis.

$$T_d(\text{rams}) = 8 \quad T_{\text{rams}} = 11$$

$$\bar{T} = 13$$

$$H_{00} = 52$$

$$\Sigma H_{00} = 605$$

$$\Sigma pcr(y) = 0.29''$$

$$\Sigma pcr(y) = 3.6''$$



WED. JAN. 13, 1988 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	40 °F	Dir. SW	Temp. 72			
Min.	8 °F	Vel. 146 <sup>22</sup> m.p.h.	Read. 28.58			
Set	38 °F	Char. GUSTY	Corr. 28.45			
R. H.	67%	24 hr. Mov. 91 mi	Sea L. 29.82	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. SSW	3 hr. Tend. → 5.6	Wx o/c.	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 2.0 in.	Observer OK.	Vis. 15 mi	Vis.	Vis.

$$\bar{T} = 24$$

$$DD = 41$$

$$\Sigma DD = 646$$

$$\Sigma PCN (A) = 0.29''$$

$$\Sigma PCN (S) = 3.6''$$

$$T = 40$$

$$Td = 29$$

Thurs. Jan. 14, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	41°F	Dir. NW	Temp. 72°F	Froga ca. 0730 LT RW 0730-0745 LT PK WND ~ 40kt. SP ca. 0830 LT		
Min.	3°F	Vel. 7 m.p.h.	Read. 29.18	Rain amount 0.01" <span style="float: right;">MORE →</span>		
Set	3°F	Char. variable	Corr. 29.05	0700	1300	1900
R. H.	60%	24 hr. Mov. 207.7mi	Sea L. 30.56	Clds. 0/10	Clds.	Clds.
Ppn. Liq.	0.01 in.	Prev. Dir. W	3 hr. Tend. +2.5mb/	Wx clear	Wx	Wx
Ppn. Sol.	0.2 in.	Snow Depth 2 in.	Observer JPH	Vis. 35 mi	Vis.	Vis.

$$\bar{T} = 22$$

$$H_{AD} = 43$$

$$\sum H_{AD} = 689$$

$$\sum p_{cn}(L) = 0.30''$$

$$\sum p_{cn}(S) = 3.8''$$

$$T_{max} = 4^{\circ}F$$

$$T_{min} = -7^{\circ}F$$

MAX T occurred  $\approx$  0730 LT

\*  
∇ c. 1530 LT and  
OVERNITE : TOTAL .2"  
(c. 2230LT)

FRI. JAN. 15, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	17 °F	Dir.	SW	Temp.	RAMOS CURT LOW: 5°		
				73°			
Min.	3 °F	Vel.	8 m.p.h.	Read.	29.16		
Set	8 °F	Char.	STOY	Corr.	29.04		
R. H.	65 %	24 hr. Mov.	37 MI	Sea L.	0700	1300	1900
				30.51	Clds. C1 3/10 CS	Clds.	Clds.
Ppn.	∅	Prev. Dir.	E	3 hr. Tend.	Wx	Wx	Wx
	∅ in.			-1mb	SCT		
Ppn.	∅	Snow Depth	1 in.	Observer	Vis.	Vis.	Vis.
	∅ in.			MPR	15 MI		

$$T(uv) : 8$$

$$T_w(uv) : 5$$

$$\bar{T} : 10$$

$$H_{00} : 55$$

$$\sum H_{00} : 744$$

$$\sum PCN(4) : -30''$$

$$\sum PCN(5) : 3.8''$$

Sat. Jan 16, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	24 °F	Dir.	SW	Temp.	72°	valley fog & haze in the		
Min.	5 °F	Vel.	3 m.p.h.	Read.	29.02			
Set	5 °F	Char.	steady	Corr.	28.89	Range over Low: 8°		
R. H.	80 %	24 hr. Mov.	55.3	Sea L.	30.39	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	+0.5ab	Clds.	Clds.	Clds.
						AC 3/10 Ci		
Ppn.	0 in.	Snow Depth	1 in.	Observer	ESP	Wx	Wx	Wx
						SCT		
						Vis.	Vis.	Vis.
						20 mi		

$$T_{\text{roof}} = 8 \quad T_{d \text{ roof}} = 3$$

$$\bar{T} : 15$$

$$H_{00} = 50$$

$$\Sigma ND = 794$$

$$\Sigma \text{pen L} = .30''$$

$$\Sigma \text{pen S} = 3.8''$$



SUN, JAN 17, 1988 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. —	Temp. 72			
Min.	5 °F	Vel. CALM m.p.h.	Read. 28.97			
Set	21 °F	Char. —	Corr. 28.84	RAMS OVRNT LO = 29		
R. H.	58 %	24 hr. Mov. 51 mi	Sea L. 30.29	0700	1300	1900
Ppn. Liq.	0 in.	Prev. Dir. SSW	3 hr. Tend. +1 mb	Clds. 10/10	Clds.	Clds.
Ppn. Sol.	0 in.	Snow Depth 1 in.	Observer GH	Wx ovc.	Wx	Wx
				Vis. 20 mi	Vis.	Vis.

$$\overline{T} = 22$$

$$DD = 43$$

$$\Sigma DD = 837$$

$$\Sigma PEN(2) = 1.30''$$

$$\Sigma PEN(3) = 3.8''$$

$$Td(RA400) = 16$$

$$Td(LUV) = 16$$

MON. JAN. 18, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. NE	Temp. 72	RAMOS OVRNT LOW: 34		
Min.	21 °F	Vel. 5 m.p.h.	Read. 28.71	●● BEGAN ≈ 2200 LOCAL		
Set	35 °F	Char. STDY	Corr. 28.59	☞ RW ≈ 0630 LOCAL		
R. H.	96 %	24 hr. Mov. 25 ME	Sea L. 29.95	0700	1300	1900
Ppn.	.17 in.	Prev. Dir. S	3 hr. Tend. V+12mb	Clds. 10/10 OVC	Clds.	Clds.
Ppn.	Ø in.	Snow Depth 1/2 in.	Observer MPR	Wx 99, ≡	Wx	Wx
				Vis. 3 ME	Vis.	Vis.

$T(uv) : 35$

$T_w(uv) : 33$

$DD : 33$

$\bar{T} : 32$

$\Sigma HDO : 870$

$\Sigma PCN(4) : .47''$

$\Sigma PCN(5) : 3.8''$

Tues. JAN. 19, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49°F	Dir. NNW	Temp. 71°F	Gust to 60 mph @ 1615 LT Monday		
Min.	25°F	Vel. 3 m.p.h.	Read. 28.94			
Set	26°F	Char. Steady	Corr. 28.82			
R. H.	82%	24 hr. Mov. 131.2 mi	Sea L. 30.25	0700 Clds. 6/10 Ci	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +0.52 in	Wx —	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth T in.	Observer JPH	Vis. 20 mi	Vis.	Vis.

$$\bar{T} = 37$$

$$H_{00} = 28$$

$$\sum H_{00} = 898$$

$$\sum pen(u) = 0.47''$$

$$\sum pen(s) = 3/8''$$

$$T_{uv} = 32$$

$$T_{dunv} = 27$$

WED. JAN. 20, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	37 °F	Dir. SSW	Temp. 72	RAIN BEGAN = 7:30 PM. RAIN ENDED = 6:00 AM.		
Min.	25 °F	Vel. 12 m.p.h.	Read. 28.62	ONLY A FEW SWSW GOUNDS LEFT!		
Set	33 °F	Char. STDY	Corr. 28.49	0700	1300	1900
R. H.	87 %	24 hr. Mov. 51 mi	Sea L. 29.88	Clds. 10/10	Clds.	Clds.
Ppn. Liq.	.72 in.	Prev. Dir. SSW	3 hr. Tend. -.5 mb	Wx OVC-	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer OK.	Vis. 7 mi	Vis.	Vis.

$$\bar{T} = 31$$

$$D_0 = 34$$

$$\Sigma D_0 = 932$$

$$\Sigma PCN(4) = 1.19''$$

$$\Sigma PCN(5) = 3.8''$$

$$T(\text{MAN}) = 35$$

$$T_0(\text{MAN}) = 31$$



Thur., JAN 21, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	41 °F	Dir. WSW	Temp. 72 °F	Wind gust to 22 mph low occurred ~ 0300 LT		
Min.	30 °F	Vel. 13 m.p.h.	Read. 28.45			
Set	38 °F	Char. Gusty	Corr. 28.33			
R. H.	67 %	24 hr. Mov. 69 mi	Sea L. 29.70	0700 Clds. 12 10 str. cu.	1300 Clds.	1900 Clds.
Ppn. Liq.	0.01 in.	Prev. Dir. SW	3 hr. Tend. /	Wx 9	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer JPH	Vis. 20 mi	Vis.	Vis.

$$\bar{T} = 36$$

$$H_{10} = 29$$

$$\sum H_{10} = 961$$

$$\sum p_{c1}(t) = 1.20''$$

$$\sum p_{c1}(s) = 3.8''$$

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FRI. JAN. 22, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 41 °F		Dir. W	Temp. 73°	RAMOS OVRNT LOW: 24		
Min. 23 °F		Vel. 8 m.p.h.	Read. 28.74			
Set 23 °F		Char. STDY	Corr. 28.62			
				0700	1300	1900
R. H. 76 %		24 hr. Mov. 188 MI	Sea L. 29.99	Clds. 10/10 Sc	Clds.	Clds.
Ppn. T	Liq. in.	Prev. Dir. W	3 hr. Tend. +1/2mb	Wx *(SW-)	Wx	Wx
Ppn. T	Sol. in.	Snow Depth O in.	Observer MPR	Vis. 9 MI	Vis.	Vis.

$T_{(uv)}$ : 24

$T_w(uv)$ : 16

$\bar{T}$ : 32

DD: 33

$\Sigma H_{DD}$ : 994

$\Sigma PCN (L)$ : 1.20"

$\Sigma PCN (S)$ : 3.8"

Sat. Jan 23, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	29 °F	Dir. SW	Temp. 73°	S-e csgo - varying in intensity since 62. Dusting on everything		
Min.	21 °F	Vel. 9 m.p.h.	Read. 29.68			
Set	23 °F	Char. steady	Corr. 28.55			
R. H.	82 %	24 hr. Mov. 77.2 m	Sea L. 29.68	0700 Clds. OBSC.	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. L	Wx ** (S-)	Wx	Wx
Ppn.	Sol. T in.	Snow Depth T in.	Observer ESP	Vis. 3/4 mi	Vis.	Vis.

$T_{\text{Ref}} = 24$   
 $T_0 \text{ Ref} = 19$

$\bar{T} = 25$

$DD = 40$

$\Sigma ADD. = 1034$

$\Sigma PCN(L) = 1.20''$

$\Sigma PCN(S) = 3.8''$

SUN. JAN. 24, 1900 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	32 °F	Dir. S	Temp. 71	St: 1:30 - 2 pm. 1/2" ACCUMULATION. ..... WINDS 22:27° 122:31°		
Min.	23 °F	Vel. 5 m.p.h.	Read. 28.67			
Set	29 °F	Char. STOY	Corr. 28.55			
R. H.	67 %	24 hr. Mov. 97 mi	Sea L. 29.95	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.03 in.	Prev. Dir. SSW	3 hr. Tend. STOY	Wx OKC.	Wx	Wx
Ppn. Sol.	.8 in.	Snow Depth T in.	Observer GK.	Vis. 15 mi	Vis.	Vis.

$$T = 28$$

$$n_0 = 37$$

$$\sum n_0 = 1071$$

$$\sum p(n_0) = 1.23''$$

$$\sum p(n_1) = 4.6''$$

$$T = 30$$

$$T_d(n) = 19$$



MON. JAN. 25, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 44 °F	Dir. NNW	Temp. 72°	RAMOS OVERT LOW: 37			
Min. 28 °F	Vel. 5 m.p.h.	Read. 28.72	S- From 7:30-8:45 Am (R)			
Set 30 °F	Char. STDY	Corr. 28.60	R- From 9:00-10:30 Pm (R)			
			(* DENOTES LOCAL TIMES)			
			0700	1300	1900	
R. H. 78 %	24 hr. Mov. 79 ME	Sea L. 29.95	Clds. 10/10 St	Clds.	Clds.	
Ppn. Liq. .03 in.	Prev. Dir. SE	3 hr. Tend. — STDY	Wx OVC	Wx	Wx	
Ppn. Sol. .1 in.	Snow Depth Ø in.	Observer MPR	Vis. 9 MI	Vis.	Vis.	

Troof: 31

Twet: 24

$\bar{T}$ : 36

DD: 29

$\Sigma H_{00} = 1100$

$\Sigma PCN (E) = 1.26''$

$\Sigma PCN (S) = 4.7''$

TUES, JAN 26, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	34°F	Dir. W	Temp. 71°F	Gust to 19mph S BGN 0930 LT (25 JAN)		
Min.	10°F	Vel. 15 m.p.h.	Read. 28.47	S meas. 2100 = 1.0" solid S meas. 0045 Z = 1.3" solid		
Set	10°F	Char. Gusty	Corr. 28.35	FRAPA 00456 LT (26)		
R. H.	67%	24 hr. Mov. 33.5 mi	Sea L. 29.80	0700 Clds. 10/40	1300 Clds.	1900 Clds.
Ppn. Liq.	0.34 in.	Prev. Dir. SW	3 hr. Tend. +4.8 mb/	Wx —	Wx	Wx
Ppn. Sol.	5.0 in.	Snow Depth 5 in.	Observer JPA	Vis. 10 mi	Vis.	Vis.

$$\bar{T} = 22$$

$$H_{00} = 43$$

$$\sum H_{00} = 1123$$

$$\sum p_{CA}(L) = 1.60''$$

$$\sum p_{CA}(S) = 9.7''$$

WED. JAN. 27, 1900

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	15 °F	Dir.	W	Temp.	72	9° AT 9PM 13° AT 7AM FEW SN. PLAKES ~ 5AM.		
Min.	2 °F	Vel.	10 m.p.h.	Read.	20.99			
Set	12 °F	Char.	STDY.	Corr.	20.86			
R. H.	78 %	24 hr. Mov.	215 mi	Sea L.	30.33	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	W	3 hr. Tend.	H6561	Clds.	Clds.	Clds.
	T in.					9/10		
Ppn.	Sol.	Snow Depth	4 in.	Observer	GK	Wx	Wx	Wx
	T in.					OK.		
						Vis.	Vis.	Vis.
						15 mi		

$$\bar{T} = 8$$

$$DD = 57$$

$$E_{CO} = 1200$$

$$\Sigma PCW(1) = 1.60''$$

$$\Sigma PCW(5) = 9.7''$$

$$T_m = 13$$

$$T_{dir} = 6$$

THURS. JAN. 28, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 22 °F	Dir. WSW	Temp. 72°	RAMOS OURNT LOW: 9			
Min. 5 °F	Vel. 6 m.p.h.	Read. 29.21	* ▽ AT 1615, 1845, 2000Z			
Set 9 °F	Char. STDY	Corr. 29.09	0700	1300	1900	
R. H. 78%	24 hr. Mov. 108 mF	Sea L. 30.4A	Clds. 5/10 Sc CU	Clds.	Clds.	
Ppn. Liq. .01 in.	Prev. Dir. W	3 hr. Tend. +1/2 mb	Wx BKN	Wx	Wx	
Ppn. Sol. 2 in.	Snow Depth 4 in.	Observer MPR	Vis. 15 mF	Vis.	Vis.	

$T(\text{min}) : 9$

$T(\text{max}) : 2$

$\bar{T} : 16$

$H_{00} : 49$

$\Sigma H_{00} : 1249$

$\Sigma PCN(\text{in}) : 1.61''$

$\Sigma PCN(\text{out}) : 9.8''$



FRI. JAN 29, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	24 °F	Dir.	SE	Temp.	74°	RAMOS CURNT LOW; 10		
Min.	7 °F	Vel.	0 m.p.h.	Read.	29.34			
Set	10 °F	Char.	CALM	Corr.	29.21			
R. H.	85 %	24 hr. Mov.	77 mI	Sea L.	30.61	0700	1300	1900
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	STOY	Clds.	Clds.	Clds.
Ppn.	T in.	Snow Depth	3 in.	Observer	MPR	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						20 mI		

$T_{(n)} : 9$

$T_{w(n)} : 5$

$\bar{T} : 16$

$H_{00} : 49$

$\sum H_{00} : 1298$

$\sum PCN(R) : 1.61''$

$\sum PCN(S) : 9.9''$

Sat, Jan 30, 1989

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	32 °F	Dir.	SW	Temp.	74	valley fog and haze		
Min.	10 °F	Vel.	4 m.p.h.	Read.	29.01			
Set	18 °F	Char.	Steady	Corr.	28.88			
R. H.	72 %	24 hr. Mov.	75.3 mi	Sea L.	30.30	Range Overst Low: 2.4		
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	L -0.2	0700	1300	1900
Ppn.	0 in.	Snow Depth	2 in.	Observer	ESP	Clds.	Clds.	Clds.
						9/10 Cs As		
						Wx	Wx	Wx
						BKN		
						Vis.	Vis.	Vis.
						5 mi		

$T_{\text{root}}$  : 25  
 $T_{\text{d.root}}$  : 17

$\bar{T}$  : 25

$H_{00}$  : 40

$\Sigma H_{00}$  : 1338

$\Sigma P_{n_c}$  : 1.61"

$\Sigma P_{n_s}$  : 9.9"

SUN. JAN. 31, 1988

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. SW	Temp. 72	RAPID OINT-LOW = 34° AT 62.		
Min.	18 °F	Vel. 12 m.p.h.	Read. 29.02	122 = 41°		
Set	33 °F	Char. STDY	Corr. 28.89	RAPID SNOW MELT!		
R. H.	55 %	24 hr. Mov. 21	Sea L. 31.30	0700	1300	1900
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. STDY	Clds. 3/10	Clds.	Clds.
Ppn.	0 in.	Snow Depth 1 in.	Observer GH	Wx SCT.	Wx	Wx
				Vis. 15mi	Vis.	Vis.

$$\bar{T} = 34$$

$$n = 31$$

$$\sum D = 1369$$

$$\sum PCN(12) = 1.61''$$

$$\sum PCN(15) = 9.9''$$

$$T(1) = 45$$

$$T(2) = 29$$