

SAT. October 1, 1988 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		Ramos overnight low 58 Ground Fog All Areas				
Max.	70 °F	Dir.	—	Temp.	74					
Min.	51 °F	Vel.	0 m.p.h.	Read.	28.85					
Set	56 °F	Char.	calm	Corr.	28.72					
R. H.	86 %	24 hr. Mov.	54.8	Sea L.	30.05	0700	1300	1900		
Ppn.	0 in.	Prev. Dir.	S	3 hr. Tend.	— 0 ^{mb} hr	Clds. 10 Cc 10	Clds.	Clds.		
Ppn.	— in.	Snow Depth	— in.	Observer	JSL	Wx B.NOVc	Wx	Wx		
				Vis.	2 mi.	Vis.	Vis.	Vis.		

$$T_{\text{roofs}} = 60^\circ$$

$$T_{\text{wet}} = 57.5^\circ$$

$$\bar{T} = 61^\circ$$

$$DD = 4$$

$$\Sigma DD = 4$$

$$\Sigma PLN = 0$$

Sun. Oct. 2, 1998

Temp.		Wind	0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	90 °F	Dir. SW	Barom.	Temp.	Chaotic sky		
Min.	56 °F	Vel. 10 m.p.h.	Read.	76			
Set	61 °F	Char. Steady	Corr.	28.75			
R. H.	78 %	24 hr. Mov. 1146 mi	Sea L.	28.61	Rains over Co: 61		
Ppn.	0 in.	Prev. Dir. S	3 hr. Tend.	29.93	0700	1300	1900
Ppn.	0 in.	Snow Depth 0 in.	Observer	10.5 mb	Clds. 8/10	Clds.	Clds.
					Wx Haze	Wx	Wx
					Vis. 4 mi	Vis.	Vis.

6-10-1998

T_{Roof} : 64

T_{Wet} : 60

T_{Dew} : 57

T̄ : 68

n_{DD} : 0

Σ n_{DD} : 0

Σ P_{ch}(L) : 0.00

CO₂ : 3

SCOD : 3

MON. OCT. 3, 1988

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	69 °F	Dir.	SW	Temp.	74	- VALLEY FOG N+E. - OCCLN RW - FROM 2 1700 Z - 2300 Z		
Min.	46 °F	Vel.	6 m.p.h.	Read.	28.82			
Set	47 °F	Char.	STDY	Corr.	28.70			
R. H.	88 %	24 hr. Mov.	96 mi	Sea L.	30.02			
Ppn.	Liq. .10 in.	Prev. Dir.	SW	3 hr. Tend.	+1 mb	0700	1300	1900
Ppn.	Sol. - in.	Snow Depth	- in.	Observer	MPR	Clds.	Clds.	Clds.
						5/10 CA CC		
						Wx	Wx	Wx
						BKN		
						Vis.	Vis.	Vis.
						15 mi		

Troop: 53

Tweet: 51

T: 58

Hoo: 7

Σ Hoo: 11

Σ PCN: $\Phi.10''$

100. Oct. 4, 1988

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.			
Max.	64 °F	Dir.	—	Barom.	Temp.	Stratus obscuring Tussey Ridge Roses over to: 45			
Min.	45 °F	Vel.	calm	Read.	70				
Set	45 °F	m.p.h.		Corr.	28.88				
R. H.	80 %	Char.	calm	Sea L.	28.76				
Ppn.	0 in.	24 hr. Mov.	33.4 mi	3 hr. Tend.	30.12	Clds.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	N	Observer	ESP	2/10 st			
Sol.	0 in.	Snow Depth	0 in.	Wx	SCT	Wx			
				Vis.	15 mi	Wx			
				Vis.		Wx			
				Vis.		Wx			

Proof : 44

Per : 45

T_g : 42

F : 55

H₀₀ : 10

E_{H00} : 4

S_{Pen} : 0.10

Wed. 05 Oct 88

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	63 °F	Dir.	WSW	Temp.	70°	Ramos overnight low - ST Clouds distant Ca Se W Thin fog NE-S		
Min.	37 °F	Vel.	8 m.p.h.	Read.	28.86			
Set	38 °F	Char.	Steady	Corr.	28.74			
R. H.	92 %	24 hr. Mov.	40.8	Sea L.	30.13	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1.5 mb	Clds. 1/4 Cu 1/4	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JSL	Wx	Wx	Wx
				Vis.	15	Set	Vis.	Vis.

$$T_{\text{root}} = 40^\circ$$

$$T_{\text{wet}} = 39^\circ$$

$$\bar{T} = 50^\circ$$

$$DD = 15^\circ$$

$$\Sigma DD = 36$$

$$\Sigma PCN = 0.10''$$

$$T_{max} = 40 \quad T_w = 38 \quad T_2 = 35.5$$

$$T_{drains} = 32$$

$$\bar{T} = 43$$

$$DD = 27$$

$$\sum DD = 51$$

$$\sum PCW = 0.10''$$

FRI, OCT 7, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	50 °F	Dir.	SSW	Temp.	72	- FOG BANK NO E		
Min.	33 °F	Vel.	2 m.p.h.	Read.	29.17			
Set	34 °F	Char.	LIGHT & VARIABLE	Corr.	29.05			
R. H.	92%	24 hr. Mov.	SOME	Sea L.	30.40	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	WNW	3 hr. Tend.	STDY	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	— in.	Observer	MPR	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						10 mi		

Clds. Cc
8/10 Es

Troop: 40

Twet: 39

T: 42

Hoo: 23

Σ Hoo: 74

Σ PCN: 0.10"

SAT. 08 Oct 88

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		Ramos Overnight Low 30 Heavy Frost on Golf Course Fog All Quads * Tied record min/max (set 1979)					
Max.	#	Dir.		Temp.							
50	°F	WSW		72°							
Min.		Vel.		Read.							
28	°F	2	m.p.h.	28.98							
Set		Char.		Corr.							
31	°F	Light		28.85							
R. H.		24 hr. Mov.		Sea L.		0700	1300	1900			
100	%	—		30.27		Clds	Clds.	Clds.			
		Prev. Dir.		3 hr. Tend.		SC 8/10					
Ppn.	Liq.	NW		+0.5 3hr		Wx	Wx	Wx			
T	in.					BKN					
Ppn.	Sol.	Snow Depth		Observer		Vis.	Vis.	Vis.			
—	in.	—	in.	JSL		4 miles					

$$T_{\text{roof}} = 34^{\circ}$$

$$T_{\text{wet}} = 34^{\circ}$$

$$\bar{T} = 39^{\circ}$$

$$DD = 26$$

$$\Sigma DD = 100$$

$$\Sigma PCN = .10^{\circ}$$

Sun. Oct. 9, 1988

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir.	Temp.	Rw ~ 2000 LT Dense Valley Fog NE.		
		—	72			
Min.	30 °F	Vel.	Read.			
		Calm m.p.h.	29.86	Roses Over 40: 34		
Set	34 °F	Char.	Corr.			
		Calm	28.73	0700	1300	1900
R. H.	92 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		34.6 mi	30.13	3/10 4E 5T		
Ppn. Liq.	T in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		NW	↑ +0.3mb	SCT		
Ppn. Sol.	0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		0 in.	FSP	5 mi		

Troof: 37

Tuet: 36

Tden: 35

\bar{T} : 42°

ΔD : 23

ΣWDD : 123

$\Sigma PCN(L) = 0.10$

$\Sigma Pen(s) = T$

MON. OCT 10, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	58 °F	Dir.	WSW	Temp.	74	- RAMOS CURRENT LOW 43		
Min.	34 °F	Vel.	10 m.p.h.	Read.	28.67			
Set	42 °F	Char.	STDY	Corr.	28.55			
R. H.	61 %	24 hr. Mov.	99 MI	Sea L.	29.88			
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	1-2mb	0700	1300	1900
Sol.	- in.	Snow Depth	- in.	Observer	MPR	Clds.	Clds.	Clds.
						6/10 Ac Cc		
						Wx	Wx	Wx
						BKN		
						Vis.	Vis.	Vis.
						12mi		

Traef: 50

Twet: 44

T: 46

Hoo: 29

ΣHoo : 142

ΣPCN : 0.10"

Tues, Oct 11, 1988

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.			
Max.	62 °F	Dir.	W	Barom.	Temp.	RW - ~ 1930 LT R-B ~ 2100 LT ; E ~ 0100 LT Froga ~ 2230 LT - PK Gust 40 mph C99 rcd. Rems over "60" 43°			
Min.	43 °F	Vel.	20 m.p.h.	Read.	74°				
Set	43 °F	Char.	Gusty (to 26)	Corr.	28.50				
R. H.	79 %	24 hr. Mov.	NA	Sea L.	28.37				
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	29.72	Clds.	0700	1300	1900
Ppn.	Sol.	Snow Depth	0 in.	Observer	ESP	8/10 SC	Clds.		
						Wx	Wx	Wx	Wx
						BKN	Wx	Wx	Wx
						Vis.	Vis.	Vis.	Vis.
						25 mi			

Time: 45

Time: 42

TO: 39

F: 53

#00: 12

Σ HAD: 154

Σ Pen(L): 0.16°

Σ Pen(S): T

Hi Ser temp: 46°

WED 12 Oct 88

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 52.0°F	Dir. 270	Temp. 72	Ramos Overnite Low 35° RW- ~10:30 LT			
Min. 34°F	Vel. 16 m.p.h.	Read. 28.73	RW- SPW- ~14:30-14:42 LT Double Rainbow ~14:46 LT			
Set 35°F	Char. Breezy	Corr. 28.60				
R. H. 82%	24 hr. Mov. —	Sea L. 30.00	0700 Clds Cu 8/10	1300 Clds.	1900 Clds.	
Ppn. Liq. .03 in.	Prev. Dir. WNW	3 hr. Tend. +2 ^{mb} / _{3hr}	Wx BKN	Wx	Wx	
Ppn. Sol. T in.	Snow Depth — in.	Observer JSL	Vis. 25	Vis.	Vis.	

$$T_{\text{roof}} = 36^\circ$$

$$T_{\text{wet}} = 34^\circ$$

$$\bar{T} = 43^\circ$$

$$DD = 22$$

$$\Sigma DD = 176$$

$$\Sigma PCN = .19''$$

$$\Sigma PCN(s) = T$$

THURS. OCT. 13 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	44 °F	Dir.	WNW	Temp.	72	INTERMITTENT RW-, SG-, SW- AFTERNOON 12th PRECIP. VERY LIGHT		
Min.	33 °F	Vel.	6 m.p.h.	Read.	29.03			
Set	34 °F	Char.	GUSTY	Corr.	28.90			
R. H.	69 %	24 hr. Mov.	176 mi.	Sea L.	30.31	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+2.0mb /	Wx	Wx	Wx
						BINOVC		
Ppn.	T in.	Snow Depth	0 in.	Observer	JHM	Vis.	Vis.	Vis.
						25 mi.		

$$T_{\text{roof}} = 36 \quad T_w = 33 \quad T_d = 27$$

$$T_{\text{RAMS}} = 22$$

$$\bar{T} = 39$$

$$DD = 26$$

$$\sum DD_H = 202$$

$$\sum DD_L = 3$$

$$\sum PCN = 0.19''$$

FRI. OCT 14, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max. * 42 °F	Dir. WSW	Temp. 72	- SCT FROST OUTSIDE OF TOWN - INTERMITTENT EG-MORNING 13th PREC VERY LIGHT * REC MIN MAX FOR DATE				
Min. 29 °F	Vel. 6 m.p.h.	Read. 29.15					
Set 30 °F	Char. STOY	Corr. 29.03					
R. H. 68 %	24 hr. Mov. 88 mi	Sea L. 30.33	Clds. 4/10 ci	0700	1300	1900	
Ppn. Liq. T in.	Prev. Dir. WNW	3 hr. Tend. STOY	Wx CLR				
Ppn. Sol. T** in.	Snow Depth - in.	Observer MPR	Vis. 20mi				

1. 11: A 000

Troof: 33

Twet: 22

T: 36

Hoo: 29

E Hoo: 232

Σ PCN: 0.19"

7310 CONSECUTIVE DAY WITH
SOLID PFCIA
** EARLIEST EVER

SAT. OCT. 15, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	57 °F	Dir.	WSW	Temp.	74	RAMOS CURT LOW 43		
Min.	30 °F	Vel.	10 m.p.h.	Read.	28.95	CONTRAILS ALGDS		
Set	48 °F	Char.	STDY	Corr.	28.83			
R. H.	57 %	24 hr. Mov.	SW	Sea L.	30.20	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	85MI	3 hr. Tend.	STDY	Clds. C2 6/10 CS	Clds.	Clds.
Ppn.	0 in.	Snow Depth	— in.	Observer	MPR	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						20MI		

Troof: 45

TweTs 27

T: 44

Hoo: 21

ΣHoo: 252

ΣPCN: 0.19"

Sun. Oct. 16, 1938

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. E	Temp. 75	RW-- ~ 0600 LT Jockey fog NE		
Min.	46 °F	Vel. 3 m.p.h.	Read. 29.04			
Set	46 °F	Char. variable	Corr. 28.91			
R. H.	68 %	24 hr. Mov. 82.5 mi	Sea L. 30.28	Rains Over Lo: 49		
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. J +10 mb	0700	1300	1900
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer ESP	Clds. 7/10 Ac As Cu	Clds.	Clds.
				Wx BKN	Wx	Wx
				Vis. 20 mi	Vis.	Vis.

$T_{\text{roof}}: 51$

$T_{\text{air}}: 46$

$T_D: 48$

$\bar{T}: 54$

$n_{\text{no}}: 6$

$\Sigma n_{\text{no}}: 258$

$\Sigma P_{\text{a}(i)}: 0.19$

$\Sigma P_{\text{a}(s)}: \tau$

MON. OCT. 17, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	74 °F	Dir.	SE	Temp.	76	-RAMOS DENT LOW: 52 -CONTRAILS ALQOS		
Min.	46 °F	Vel.	8 m.p.h.	Read.	28.97			
Set	49 °F	Char.	STDY	Corr.	28.84			
R. H.	65 %	24 hr. Mov.	83 mi	Sea L.	30.17	0700	1300	1900
Clds.	3/10 AC C2	Clds.		Clds.				
Ppn.	0 in.	Prev. Dir.	S	3 hr. Tend.	+1/2mb	Wx	SCT	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	MPR	Vis.	15mi	Vis.

Troop: 55

Twet: 49

T: 60

Hoo: 5

Σ Hoo: 263

Σ PCN: 0.19⁴

Tues. Oct. 19, 1998

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. SW	Temp. 76	Rains 0700 to 0836 R-B ~ 0500 LT E ~ 0700 LT		
Min.	49 °F	Vel. 18 m.p.h.	Read. 28.63	Fog, PE Dark W, SW		
Set	55 °F	Char. steady	Corr. 28.49	Pres fr		
R. H.	89 %	24 hr. Mov. 122 mi	Sea L. 29.82	0700 Clds. 10/10 MS	1300 Clds.	1900 Clds.
Ppn.	Liq. .05 in.	Prev. Dir. SSW	3 hr. Tend. 1-2.5 in.	Wx OVC	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer ESP	Vis. 5 mi	Vis.	Vis.

$T_{roof} : 59$

$T_{ext} : 55$

$T_{int} : 53$

$\bar{T} : 61$

$n_{00} : 4$

$\Sigma n_{10} : 267$

$\Sigma A_n (t) : 0.24''$

$\Sigma A_n (s) : T$

WED. 19 OCT 88 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	61 °F	Dir.	SW	Temp.	70°	Ramos overnight Low 36 Gage emptied 20Z = .02" RW - C. 15Z FROPA Gusts to 40 MPH 20Z Valley Fog NE - SW		
Min.	33 °F	Vel.	0 m.p.h.	Read.	28.73			
Set	34 °F	Char.	Calm	Corr.	28.61			
R. H.	91 %	24 hr. Mov.	119 miles	Sea L.	30.02	0700	1300	1900
Ppn.	.02 in.	Prev. Dir.	W	3 hr. Tend.	10.2 ^{mb} / _{3hrs}	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JSL	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						4 miks		

$$T_{\text{read}} = 38^\circ$$

$$T_{\text{wet}} = 37^\circ$$

$$\bar{T} = 47^\circ$$

$$OD = 18$$

$$\Sigma DD = 285$$

$$\Sigma PCN(L) = 0.26''$$

$$\Sigma PCN(S) = T$$

THURS. OCT 20, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	47 °F	Dir.	W	Temp.	73	RW - ~1000 - 1330 LOCAL RANGE WIND LO = 36		
Min.	34 °F	Vel.	2 m.p.h.	Read.	28.89			
Set	38 °F	Char.	light	Corr.	28.76			
R. H.	82 %	24 hr. Mov.	49.4 mi.	Sea L.	30.15	0700	1300	1900
Ppn.	.06 in.	Prev. Dir.	WSW	3 hr. Tend.	+1.5mb/	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	JHM	Wx	Wx	Wx
				Vis.	15 mi.	Vis.	Vis.	Vis.

0. 0. 0. 0.

$$T_{max} = 41 \quad T_w = 39 \quad T_d = 36.5$$

$$T_{d \text{ min}} = 31$$

$$\bar{T} = 41$$

$$DD = 24$$

$$\Sigma DD = 309$$

$$\Sigma PCN = 0.32''$$

FRI OCT 21 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	53 °F	Dir.	E	Temp.	74	- RAMOS OVERT LOW: 38		
Min.	34 °F	Vel.	2 m.p.h.	Read.	28.92	- BINOVC		
Set	41 °F	Char.	LIGHT & VARIABLE	Corr.	28.80			
R. H.	50 %	24 hr. Mov.	35 mE	Sea L.	30.11	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SSE	3 hr. Tend.	1 mb	Clds. 9/10 St SC	Clds.	Clds.
Ppn.	0 in.	Snow Depth	-- in.	Observer	MPR	Wx OVC	Wx	Wx
						Vis. 15 mE	Vis.	Vis.

Troof: 51

Twer: 43

T: 44

Hoo: 21

Σ Hoo: 330

Σ pcn: 0.32''

SAT 22 Oct 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	47 °F	Dir. NW	Temp. 74	Rains over night low 9/10 L. at time of obs INTERMITTENT R.R. 1545 E, 21ST - 0515Z 22nd		
Min.	39 °F	Vel. 10 m.p.h.	Read. 28.26			
Set	39 °F	Char. Steady	Corr. 28.13			
R. H.	88 %	24 hr. Mov. 73.5	Sea L. 29.48	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	Liq. .58 in.	Prev. Dir. E	3 hr. Temp. 1-1/2 °F	Wx OVC	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JSL	Vis. 15	Vis.	Vis.

$$T_{\text{roof}} = 42^{\circ}$$

$$T_{\text{wet}} = 48^{\circ}$$

$$\bar{T} = 43^{\circ}$$

$$DD = 22$$

$$\Sigma DD = 352$$

$$\Sigma PCN = .90''$$

SUN. OCT 23, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. SW	Temp. 74	BINOVC EAST, BRIGHT W INTERMITTENT RW-, L- DURING DAY, 22ND (0915 LOL, 1600 LOL, 1700 LOL)		
Min.	38 °F	Vel. 6 m.p.h.	Read. 28.51			
Set	40 °F	Char. STDY	Corr. 28.38			
R. H.	78 %	24 hr. Mov. 178.4 mi.	Sea L. 29.75	0700 Clds. 10/10 ✓	1300 Clds.	1900 Clds.
Ppn.	Liq. .07 in.	Prev. Dir. W	3 hr. Tend. +0.5 mb	Wx OVC	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 20 mi.	Vis.	Vis.

$$T_{\text{roof}} = 43.5 \quad T_w = 41.5 \quad T_d = 37$$

$$T_{\text{drains}} = 33$$

$$T_{\text{d UNV}} = M$$

$$\bar{T} = 42$$

$$DD = 23$$

$$\Sigma_{DD} = 375$$

$$\Sigma_{PCW} = 0.97''$$

MON. OCT. 24, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	56 °F	Dir.	SSW	Temp.	- RAMS CURT LOW. 4Z		
				74	- FROPA ≈ 0830Z		
Min.	40 °F	Vel.	6.13	Read.	- FOG BITING ON MT. TOP		
			10 m.p.h.	28.34	- RW BTWN 07-10Z		
Set	41 °F	Char.	GUSTY	Corr.			
				28.22	0700	1300	1900
R. H.	63 %	24 hr. Mov.	N/A	Sea L.	Clds. Sc	Clds.	Clds.
				29.60	5/10 St		
Ppn. Liq.	25 in.	Prev. Dir.	N/A	3 hr. Tend.	Wx	Wx	Wx
				1-1/2mb	BKN		
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	Vis.	Vis.	Vis.
				MPR	15mF		

Troost: 52

Twee: 46

T: 48

Hoo: 17

\sum Hoo: 392

\sum PCN: 1.23''

TUES. OCT 25, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs. *X								
Max.	47 °F	Dir.	SW	Temp.	WIND GUSTS TO 80 MPH C. 0913 local, 24th SUSTAINED > 50 MPH 2 MIN. THUNDER / SMALL HAIL; POST-FRONT TREE LIMBS DOWN R4 - 1000 LT Above at obs - vult, kos, HC, SF Remot 0907 Lo: 30								
Min.	35 °F	Vel.	16 m.p.h.	Read.				28.58					
Set	36 °F	Char.	Gusty (W25)	Corr.				28.45					
R. H.	67 %	24 hr. Mov.	NA	Sea L.	29.82	Clds.	4/10 sc	Clds.		Clds.			
Ppn.	.02 in.	Liq.		Prev. Dir.	SW	3 hr. Tend.	+10 mb	Wx	OVC	Wx		Wx	
Ppn.	Ø in.	Sol.		Snow Depth	Ø in.	Observers	BSP/JHM	Vis.	5 mi	Vis.		Vis.	

T_{roof}: 39
T_{air}: 35

T₀: 29

T̄: 41

P₀₀: 24

Σ₀₀: 416

EP(N₀): 625*

* STRONGEST GUST SINCE
80 MPH (70 KT) GUST
ON 1/28/77

Wed. 26 Oct 88

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F		Dir. WSW	Temp. 72°	Ramos overnight Low 31		
Min. 28 °F		Vel. 8 m.p.h.	Read. 28.60	RW-22100 LT		
Set 29 °F		Char. Steady	Corr. 28.47			
				0700	1300	1900
R. H. 80 %		24 hr. Mov. 115 miles	Sea L. 29.87	Clds. sc 5/10	Clds.	Clds.
Ppn. Liq. T in.		Prev. Dir. S	3 hr. Tend. + .3 mb / 3hrs	Wx Sct	Wx	Wx
Ppn. Sol. — in.		Snow Depth — in.	Observer JSL	Vis. 15	Vis.	Vis.

$$T_{\text{roof}} = 33$$

$$T_{\text{wet}} = 31$$

$$\bar{T} = 38$$

$$OD = 27$$

$$\Sigma OD = 443$$

$$\Sigma PCN = 1.25''$$

THURS. OCT. 27, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. SW	Temp. 74	FEW CI EAST GF BASE OF RIDGES FROST VISIBLE ON GOLF COURSE		
Min.	26 °F	Vel. 7 m.p.h.	Read. 28.91			
Set	27 °F	Char. STDY	Corr. 28.78			
R. H.	69 %	24 hr. Mov. 82 mi.	Sea L. 30.19	0700	1300	1900
Ppn.	0 in.	Prev. Dir. W	3 hr. Tend. +2.0mb	Clds. 0/10	Clds.	Clds.
Ppn.	0 in.	Snow Depth 0 in.	Observer JHM	Wx CLR	Wx	Wx
				Vis. 15 mi.	Vis.	Vis.

$$T_{\text{roof}} = 29 \quad T_{\text{air}} = 20$$

$$\bar{T} = 36$$

$$D_0 = 29$$

$$\Sigma_{00} = 472$$

$$\Sigma_{\text{plw}} = 1.25''$$

FRI. OCT. 28, 1938

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	50 °F	Dir.	SW	Temp.	- RAMOS GURNT LOW: 43 - BINOC - RW - BEN AT 1158 Z			
Min.	27 °F	Vel.	G 20 15 m.p.h.	Read.				28.69
Set	44 °F	Char.	GUSTY	Corr.				28.57
R. H.	43 %	24 hr. Mov.	90 mi	Sea L.	29.92	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Clds.	St	Clds.	Clds.	
T	in.	SSW	1-2 mb	Wx	RW-	Wx	Wx	
Ppn.	Sol.	Snow Depth	Observer	Vis.	7 mi	Vis.	Vis.	
-	in.	-	in.	MPR				

Troot: 55

Twet: 45

F: 39

Hoo: 26

Σ Hoo: 498

Σ pcw: 1.25''

SAT. 29 Oct. 88 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.				
Max.	54 °F	Dir.	SW	Temp.	72°	Ramos overnight Low-34 huge optical 2.85 CT = .93		
Min.	27 °F	Vel.	8 m.p.h.	Read.	28.96			
Set	27 °F	Char.	Steady	Corr.	28.83			
R. H.	69 %	24 hr. Mov.	168	Sea L.	30.20	0700	1300	1900
Ppn.	.03 in.	Prev. Dir.	W	3 hr. Tend.	+2 MB / 340	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	JSL	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						15		

$I_{ref} = 32^\circ$
 $T_{wet} = 29^\circ$
 $\bar{T} = 40^\circ$
 $OD = 25$
 $\Sigma DD = 523$
 $\Sigma PCN = 1.28''$

Sun. Oct. 30, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. WNW	Temp. 73	EST Begins		
Min.	27 °F	Vel. 3 m.p.h.	Read. 29.16			
Set	32 °F	Char. Steady	Corr. 28.97	Remains Over Lo: 32		
R. H.	82 %	24 hr. Mov. NA	Sea L. 30.35	Clds. 9/10 AC AS	Clds.	Clds.
Ppn.	0 in.	Prev. Dir. W	3 hr. Tend. / 1.0 mb	Wx - OVC	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer ESP	Vis. 20 mi	Vis.	Vis.

$T_{\text{root}} : 35$

$T_{\text{air}} : 33$

$T_0 : 30$

$\bar{T} : 39$

$DO : 26$

$\Sigma O_2 : 549$

$\Sigma P_{\text{in}}(k) : 1.29''$

$\Sigma A_{\text{in}}(s) : T$

MON, OCT. 31, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	44 °F	Dir.	SE	Temp.	*NEW RECORD LOW OLD RECORD: 21 IN 1975 COLDEST EVER THIS EARLY IN SEASON - ABUNDANT FROST			
Min.	16 °F	Vel.	0 m.p.h.	Read.				29.13
Set	17 °F	Char.	CALM	Corr.				29.01
R. H.	77 %	24 hr. Mov.	71 MI	Sea L.	30.38	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	STDY	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	MPR	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						20 MI		

$T_{\text{roof}}: 22$

$T_{\text{sp}}: 16$

$\bar{T}: 30$

$H_{\text{bb}}: 35$

$\sum H_{\text{bb}}: 584$

$\sum PCN: 1.28''$