

20 Feb 1, 1988

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.	
Max.	25 °F	Dir.	—	Temp.	68°	downwash vicinity power plant SW - ≈ 21% very localized	
Min.	4 °F	Vel.	—	Read.	28.91"		
Set	5 °F	Char.	CALM	Corr.	28.77"		
R. H.	89 %	24 hr. Mov.	167.7 mi	Sea L.	30.28'		
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+0.8 mb	Clds.	0700
Ppn.	T in.	Snow Depth	3 in.	Observer	SSW	Clds.	1300
						Wx	1900
						Wx	
						Vis.	
						Vis.	70

DD=50

Feb 2, 1984

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.			
Max.	29 °F	Dir.	NE	Temp.	70	BRIGHT ENOUGH FOR PUNNY PHL TO SEE HIS SHADOW!			
Min.	5 °F	Vel.	3 m.p.h.	Read.	29.04				
Set	6 °F	Char.	LIGHT	Corr.	28.92				
R. H.	84 %	24 hr. Mov.	37.1	Sea L.	30.42				
Ppn.	—	Prev. Dir.	SSW	3 hr. Tend.	+5mb	Clds.	0700	1300	1800
Ppn.	—	Snow Depth	3 in.	Observer	P.K.	Wx	0/10		
						Wx	HAZY		
						Vis.	12 miles		
						Vis.			

$$T_{DP} = 6.5$$

$$\Sigma p = T$$

$$\Sigma aq = 98$$

$$D \cdot Q = 48$$

$$T_d = 23^\circ\text{F}$$

$$\Sigma p = T$$

$$\Sigma u_d = 120$$

$$\bar{T} = 23$$

$$h = 0.0$$

February 4, 1984 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

SHL BINOC E
NUMEROUS BARE SPOTS

Temp.		Wind		Barom.	
Max.	42°F	Dir.	-	Temp.	70°
Min.	31°F	Vel.	-	Read.	28.60
Set	31°F	Char.	CALM	Corr.	28.48
R. H.	82%	24 hr. Mov.	129 mi	Sea L.	29.88
Fpn. Liq.	0.08 in.	Prev. Dir.	SW	3 hr. Tend.	-0.3 mb
Ppn. Sol.	- in.	Snow Depth	1 in.	Observer	FJG
				Via.	15 mi
				Clds.	0700
				Clds.	1300
				Clds.	1900
				Wx	
				Wx	
				Wx	
				Vis.	
				Vis.	

MaxSet = 21

DD 28
Σ 00. = 14%



SUNDAY, FEBRUARY 5, 1926 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	45 °F	Dir.	W:SW	Temp.	70° F	SW-RW - ~9-10 PM EST of FEB 4th		
Min.	29 °F	Vel.	4 m.p.h.	Read.	28.38	MORE (NIGHT) -		
Set	29 °F	Char.	LIGHT	Corr.	28.26	HAZE, FOG, & SMOKE @ OBS.		
R. H.	92 %	24 hr. Mov.	51.8	Sea L.	29.65	Clds. 0700	1300	1900
Ppn. Liq.	0.07 in.	Prev. Dir.	WSW	3 hr. Tend.	-0.1 mb	1910 St		
Ppn. Sol.	0.1 in.	Snow Depth	1 in.	Observer	JEL	Wx	Wx	Wx
				Observer	JEL	Vis.	Vis.	Vis.
						5 MILES		31°

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

$$T_{\text{door}} = 29$$

$$\bar{T} = 30.7$$

$$H_{\text{DD}} = 28$$

$$\Sigma_{\text{WDD}} = 176$$

$$\Sigma_{\text{PCN}} = 0.15$$

$$T_{\text{MAX}} = 59 \text{ 1938}$$

$$T_{\text{MIN}} = -8 \text{ 1906}$$

$$\text{AVG } T = 35/19$$

$$T = 28$$

$$PD = 37$$

$$DR_T = 213$$

$$P_T = 1.7$$

$$TR = 13^{\circ}$$

$$T_d = 6^\circ$$

$$\bar{T} = 21^\circ$$

$$DD = 44$$

$$DD_T = 257$$

$$P_T = .17$$

$$\bar{T} = 18$$

$$DD = 47$$

$$\sum DO = 304$$

$$\sum P = 17$$

Thursday Feb 9, 1984

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	Barom.			
Max.	31 °F	Dir. SW	Temp. 70			
Min.	12 °F	Vel. 13 m.p.h.	Read. 29.00"			
Set	27 °F	Char. STEADY	Corr. 29.88"			
R. H.	58 %	24 hr. Mov. MSG	Sea L. 30.31"	0700	1300	1900
Ppn.	Liq. — in.	Prev. Dir. MSG	3 hr. Tend. -Sub/	Clds. 7/10 Cc	Clds.	Clds.
Ppn.	Sol. — in.	Snow Depth 1" in.	Observer PK	Wx	Wx	Wx
				Vis. 20 miles	Vis. —	Vis. 29

$$T_{D0} = 43$$

$$\bar{T} = 22$$

$$\Sigma_{D0} = 347$$

$$\Sigma p = .17$$

$$\bar{T} = 32$$

$$DD = 33$$

$$DD_{TOT} = 380$$

$$P_{TOT} = .17$$

$$T_a = 21$$

$$T_{ROOF} = 26$$

DD. = 31
D.D. tot = 411

SUNDAY, FEBRUARY 12, 1926 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. S	Temp. 77°F	FOG NOT AS DENSE @ 630		
Min.	33 °F	Vel. 4 m.p.h.	Read. 29.10			
Set	33 °F	Char. LIGHT	Corr. 28.98	RW - 0700 LI ≈ 1100 LI 11 th		
R. H.	93 %	24 hr. Mov. 30.2	Sea L. 30.40	0700	1300	1900
Ppn. Liq.	0.15 in.	Prev. Dir. SW	3 hr. Tend. +1.0	Clds. OBSCURED	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth T in.	Observer J. J. J.	Wx DENSE FOG	Wx	Wx
				Vis. 4/8 MI	Vis.	Vis. 3/8

$$\bar{T} = 39$$

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

$$T_{\text{droof}} = 34$$

$$H_{\text{DD}} = 26$$

$$\Sigma H_{\text{DD}} = 437$$

$$\Sigma P_{\text{CN}} = 0.37$$

$$T_{\text{MAX}} = 62 \text{ 1949}$$

$$T_{\text{MIN}} = -10 \text{ 1917}$$

$$\text{AVG } T. = 51.20$$

MONDAY, February 13, 1951

0700 EST

General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	50 °F	Dir.	S	Temp.	70	Dense fog in valley, light fog elsewhere		
Min.	33 °F	Vel.	2 m.p.h.	Read.	29.00			
Set	42 °F	Char.	-	Corr.	28.89	0700	1300	1900
R. H.	95 %	24 hr. Mov.	33.3 mb	Sea L.	30.28	Cld.	Cld.	Cld.
Ppn.	T in.	Prev. Dir.	N	3 hr. Tend.	1.2 mb	Wx	Wx	Wx
Ppn.	- in.	Snow Depth	T in.	Observer	KAD	0700	1300	1900
				Vis.	5 miles	cloudy		45

$n = 47$
 $DD = 23$
 $DD_T = 460$
 $P_T = 0.37$

RANK MAX - 53
" MIN - 35

Tuesday, February 14, 1984

0700 EST

University Park, Pa.

General Obs.

Temp.		Wind	Barom.			
Max.	53 F	Dir. SSE	Temp. 72			
Min.	42 F	Vel. 5 m.p.h.	Read. 28.70			
Set	48 F	Char. Gusts 10	Corr. 28.58	0700	1300	1900
R. H.	91 %	24 hr. Mov. M	Sea L. 29.93	Clds. h/10	Clds.	Clds.
Ppn. Liq.	.66 in.	Prev. Dir. M	3 hr. Tend. +.3 mb	Wx RAIN	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer KAD	Vis. 2 miles	Vis.	Vis. 50°

$$I = 48$$

$$DD = 17$$

$$DR_T = 477$$

$$PT = 1.034$$

$$TR = 48^\circ$$

Wednesday February 5, 1924 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 52 °F	Dir. N	Temp. 71°	* All time one day February precipitation record storm total = 3.04"			
Min. 39 °F	Vel. 6 m.p.h.	Read. 28.91"				
Set 40 °F	Char. —	Corr. 28.79"				
R. H. 87 %	24 hr. Mov. 78.9 mi	Sea L. 30.18"	0700 Clds. 10/10 SE	1300 Clds.	1900 Clds.	
Ppn. Liq. 2.38* in.	Prev. Dir. N	3 hr. Tend. +0.7mb	Wx overcast	Wx	Wx	
Ppn. Sol. — in.	Snow Depth — in.	Observer SSW	Vis.	Vis.	Vis. 47°	

S:61 = ^{CKT} 17

THURSDAY, FEB 16, 1984

0700 EST

University Park, Pa.

General Obs.

Temp.		Wind		Barom.		SHALLOW GF - GOLF COURSE GROUND FROZEN, ICY PATCHES				
Max.		Dir.		Temp.						
45	F	NE		71						
Min.		Vel.		Read.						
29	F	4	m.p.h.	29.03						
Set		Char.		Corr.		0700	1300	1900		
30	F	LIGHT		28.91						
R. H.		24 hr. Mov.		Sea L.		Clds.		Clds.		
83	%	80.3		30.33		1/10				
Ppn.		Prev. Dir.		3 hr. Tend.		Wx		Wx		
.14	in.	N		+1.3mb						
Ppn.		Snow Depth		Observer		Vis.		Vis.		
	in.			P.K		25 miles				

200 = 524

$\bar{T} = 36$ 37

200 = 22 28

FRI FEBRUARY 17, 1984 0700 EST

Meteorological Observations
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		RDG TOPS OBSCURED		
Max.		Dir.		Temp.		0700	1300	1900
53	°F	E		71				
Min.		Vel.		Read.		Clds.	Clds.	Clds.
29	°F	3	m.p.h.	28.87				
Set		Char.		Corr.		Wx	Wx	Wx
42	°F	-		28.75				
R. H.		24 hr. Mov.		Sea L.		Wx	Wx	Wx
84	%	69	mi	30.13	10/10			
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
-	in.	E		-0.4mb				
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.	Vis.
-	in.	-	in.	FJG	6mi			490

100 = 24

Saturday February 19, 1994 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F		Dir. SW	Temp. 70°			
Min. 40 °F		Vel. 6 m.p.h.	Read. 28.86"			
Set 41 °F		Char. STEADY	Corr. 28.74"			
R. H. 90 %		24 hr. Mov. 79.0 mi	Sea L. 30.12 "	0700 Clds. 10/10 Sc	1300 Clds.	1900 Clds.
Ppn. Liq. 0.19 in.		Prev. Dir. SW	3 hr. Tend. +1.2 mb	Wx OVERCAST	Wx	Wx
Ppn. Sol. — in.		Snow Depth — in.	Observer SSW	Vis. 4 mi	Vis.	Vis. 44°

T_e 39

\bar{T} 44

H₀₀ 21/569

P_{max} 3.74

Rec Min 67 1981

Rec Max -9 1979

norms 36/20

SUNDAY, FEBRUARY 10, 1968

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	51 °F	Dir.	W	Temp.	62 °F			
Min.	35 °F	Vel.	3 m.p.h.	Read.	28.82			
Set	39 °F	Char.	STEADY	Corr.	28.70			
R. H.	89 %	24 hr. Mov.	96.4 ml	Sea L.	30.08	0700	1300	1900
Ppn.	.02 in.	Prev. Dir.	W	3 hr. Tend.	+0.0-6	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JEL	Wx	Wx	Wx
						0700	1300	1900
						Clds.	Clds.	Clds.
						Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						7 MI.		43°

$$T_{\text{roof}} = 43^{\circ}$$

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

$$\bar{T} = 43$$

$$H_{\text{DD}} = 22$$

$$\Sigma H_{\text{DD}} = 591$$

$$P_{\text{CW}} = 316$$

$$T_{\text{max}} = 67 \text{ 1981}$$

$$T_{\text{min}} = -9 \text{ 1979}$$

$$T_{\text{ave}} = 36.70$$

* MAX SET AT 41°

$$\bar{F} = 43$$

$$\bar{T}_A = 30^\circ$$

$$DD = 22$$

$$DD_T = 613$$

$$T_{\max} \text{ Reef} = 47$$

$$T_{\min} \text{ Reef} = 39$$

$$P_T = 4.13$$

$$\bar{T} = 34$$

$$T_L = 25$$

$$DD = 31$$

$$DD_T = 644$$

$$P_T = 4.13$$

$$T_{\max \text{ Roof}} = 39$$

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

Wednesday February 27, 1991

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	39 °F	Dir.	SW	Temp.	69°	Few Ci North SW, brief SW + 0930 +0940		
Min.	24 °F	Vel.	4 m.p.h.	Read.	28.87"			
Set	24 °F	Char.	STEADY	Corr.	28.75"			
R. H.	78 %	24 hr. Mov.	197.3 mi	Sea L.	30.18"	0700	1300	1900
Ppn. Liq.	0.04 in.	Prev. Dir.	W	3 hr. Tend.	+1.9 mb	Clds. 8/10	Clds.	Clds.
Ppn. Sol.	0.4 in.	Snow Depth	— in.	Observer	SSW	Wx CLEAR	Wx	Wx
				Vis.	25 mi	Vis.	Vis.	28°

$$Lih = 4$$

$$DO \quad 331677$$

$$T_1 = 20$$

$$T_2 = 32$$

THURSDAY, FEB. 23, 1964

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 53 °F	Dir. —	Temp. 71	PARTLY CLOUDY FOR AM WINDSLOW FART			
Min. 25 °F	Vel. CALM m.p.h.	Read. 28.72				
Set 26 °F	Char. LIGHT	Corr. 28.59				
R. H. 84 %	24 hr. Mov. 80.5	Sea L. 30.01	0700 Clds. 7/10 c	1300 Clds.	1900 Clds.	
Ppn. — in.	Liq. Prev. Dir. SSW	3 hr. Tend. +2.2ab ✓	Wx —	Wx	Wx	
Ppn. — in.	Sol. Snow Depth — in.	Observer P.K.	Vis. 20 miles	Vis.	Vis. 30	

$$T_{sp} = 24.2^\circ F$$

$$\bar{T} = 39$$

$$s.D. = 26$$

$$\sum_{i=1}^n x_i = 703$$

$$\sum_{i=1}^n x_i^2 = 4.17$$

FRIDAY, FEBRUARY 24, 1984 0700 EST

Meteorological Observatory
University Park, Pa.

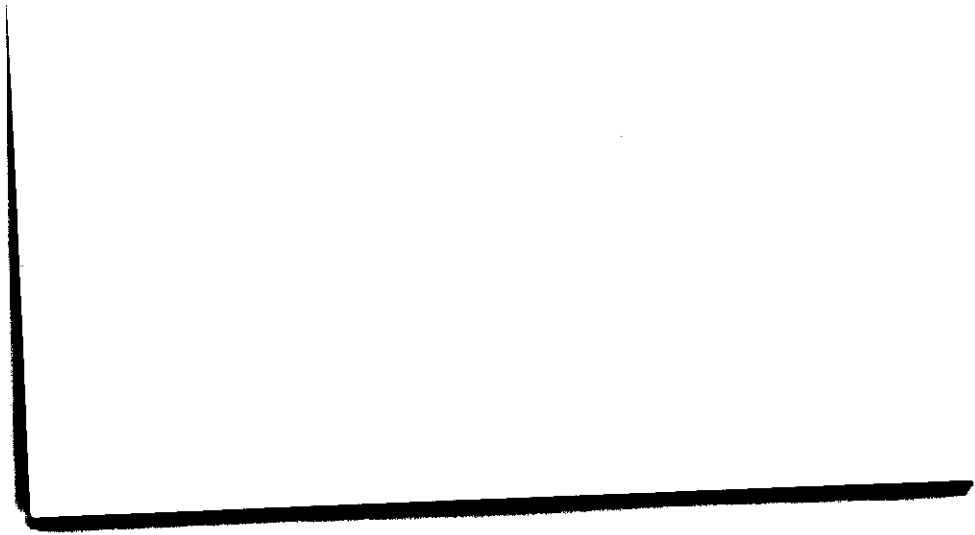
Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. W	Temp. 70			
Min.	26 °F	Vel. 2 m.p.h.	Read. 28.49			
Set	34 °F	Char. -	Corr. 28.37			
R. H.	52 %	24 hr. Mov. 47mc	Sea L. 29.76	0700	1300	1900
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. +0.8mb	Clds. Ac 6/10 Cu	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth - in.	Observer FJG	Wx -	Wx	Wx
				Vis. 20 mi	Vis.	Vis. 46

D.O. = 29
DR_{TOT} = 732

SAT. 25 FEBRUARY 1940 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
63 °F	W	70				
Min.	Vel.	Read.				
33 °F	10 m.p.h.	23.30				
Set	Char.	Corr.				
42 °F	--	28.13				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
78 %	96.2 MI	29.65	Clds. SC	Clds.	Clds.	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	10/10			
- in.	SW	+0.3MB ✓	Wx	Wx	Wx	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
- in.	- in.	SSW	3 MILES		45	



SUNDAY, FEBRUARY 26, 1956

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	47 °F	Dir.	NW	Temp.	70°F	R-B ~ 8:00 LT 25 ^m R → S ~ 9:30 LT 25 ^m S-E ~ 5:00 PM EST 25 ^m FEW FLURRIES THEREAFTER		
Min.	20 °F	Vel.	12-20 m.p.h.	Read.	28.88	WIND VARYING 340/280		
Set	20 °F	Char.	WINDY	Corr.	28.76	0700	1300	1900
R. H.	68 %	24 hr. Mov.	272.9	Sea L.	30.20	Clds.	Clds.	Clds.
Ppn. Liq.	0.06 in.	Prev. Dir.	WNW	3 hr. Tend.	+0.06" Hg	9/10 SC	Wx	Wx
Ppn. Sol.	0.1 in.	Snow Depth	T in.	Observer	JEL	Wx M. cloudy. occasional flurries	Wx	Wx
						Vis.	Vis.	Vis.
						35 MI		22°F

$$\bar{T} = 34$$

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

$$E_{\text{roof}} = 11$$

$$H_{\text{DD}} = 31$$

$$\sum H_{\text{DD}} = 751$$

$$\sum P_{\text{EN}} = 4.23$$

$$T_{\text{MAX}} = 64 \quad 1976$$

$$T_{\text{MIN}} = -8 \quad 1934$$

$$\text{Ave. } T = 38/22/30$$

Monday Feb 27, 1984

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. NE	Temp. 70°			
Min.	19 °F	Vel. 8 m.p.h.	Read. 28.96			
Set	19 °F	Char. Steady	Corr. 28.85			
R. H.	72 %	24 hr. Mov. 129 miles	Sea L. 30.30	0700	1300	1900
Ppn. Liq.	- in.	Prev. Dir. W	3 hr. Tend. 7.376	Clds. 10/10 AS	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth - in.	Observer KAD	Wx cloudy	Wx	Wx
				Vis. 20 miles	Vis.	Vis. 22

$$F = 28$$

$$DD = 37$$

$$DD_T = 788$$

$$T_d = 13^\circ$$

$$R_T = 4.23$$

Tuesday, Feb 28, 1984

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	31 °F	Dir. NE	Temp. 70°	*Precip in form of 2R, IP		
Min.	19 °F	Vel. 12 m.p.h.	Read. 28.22			
Set	28 °F	Char. Gust-20	Corr. 28.10			
R. H.	91 %	24 hr. Mov. 126.9 miles	Sea L. 29.49	0700 Clds. 10/10 ST	1300 Clds.	1900 Clds.
Ppn. Liq.	-20 in.	Prev. Dir. E	3 hr. Tend. -5.0 mb	Wx Cloudy	Wx	Wx
Ppn. Sol.	*.4 in.	Snow Depth T in.	Observer KAD	Vis. 10 miles	Vis.	Vis. 30°

$F = 25^\circ$
 $DD = 40$
 $DDT = 828$
 $PT = 4.43$
 $Td = 27^\circ$

* Thermometer max set at 32°

Wed. Feb 29, 1984

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F	Dir. W	Temp. 70	INTTNT S-IP-ZR-BEGAN ~2000 LT 27TH			
Min. 18 °F	Vel. 18 m.p.h.	Read. 28.26	ZR-OCNL IP-MORN 28TH IP-BECOME OCNL SW~1500H 28TH. OCNL SW-OVNT.			
Set 18 °F	Char. GUSTY	Corr. 28.4	0700	1300	1900	
R. H. 78 %	24 hr. Mov. 175	Sea L. 29.56	Clds. 3/10	Clds.	Clds.	
Ppn. Liq. 0.57 in.	Prev. Dir. W	3 hr. Tend. +26	Wx -	Wx	Wx	
Ppn. Sol. 1.5 in.	Snow Depth 2 in.	Observer SSW	Vis. 8 mi	Vis.	Vis. ?	

$$\bar{T} = 28$$

$$T_s = 6$$

$$H_{00} = 37/865$$

$$P_T = 5.00$$