

Tuesday October 1, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. —	Temp. 66 °F			
Min.	46 °F	Vel. — m.p.h.	Read. 29.18 in.			
Set	48 °F	Char. Calm	Corr. 29.07 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov. 11 mi.	Sea L. 30.45 in.	Clds. X	Clds. 0/10	Clds. 0/10
Ppn.	∅ in.	Prev. Dir. WNW	3 hr. Tend. +.5 mb	Wx Dense Fog	Wx Clear Cool	Wx Clear + Warm
Ppn.	— in.	Snow Depth — in.	Observer SAG	Vis. 1/16 mi.	Vis. 25 mi.	Vis. ~20 mi.

$$\bar{T} = 58$$

$$HDD = 7$$

$$\Sigma HDD = 7$$

$$\Sigma CDD = 0$$

$$\Sigma PCN = 0.00''$$

$$T_{\text{Ramos}} = 47/46$$

$$T_{\text{UNV}} = 49/48$$

$$T_w = 47$$

$$T_o = 46$$

Wednesday October 21, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. SSE	Temp. 70 °F	* overnight Low 0000LT ~ 0100LT RA-		
Min.	48 °F	Vel. 6 m.p.h.	Read. 29.16 in.			
Set	59* °F	Char. steady	Corr. 29.04 in.	0700	1300	1900
R.H.	72 %	24 hr. Mov. 182 mi.	Sea L. 30.39 in.	Clds. St 10/10 Sfcu	Clds. NS 10/10	Clds. Sfcu 10/10 BKNVC
Ppn.	Liq. 0.01 in.	Prev. Dir. S	3 hr. Tend. -1.0 mb	Wx Warm + gray	Wx -DZ	Wx Warm + Fog
Ppn.	Sol. - in.	Snow Depth - in.	Observer JCW	Vis. 20 mi.	Vis. 17 mi.	Vis. 7 mi.

$$\bar{T} = 60$$

$$HDD = 5$$

$$\Sigma HDD = 12$$

$$\Sigma CDD = 0$$

$$\Sigma PCN = 0.01$$

$$T_{ramo} =$$

$$T_{UNV} = 59/54$$

$$T_w = 56$$

$$T_D = 52$$

Thursday October 3, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	63 °F	Dir. NW	Temp. 68 °F	-DE 1235 LT - 1530 LT -SHAA ~ 0200 LT		
Min.	45 °F	Vel. 10 m.p.h.	Read. 29.03 in.			
Set	45 °F	Char. Variable	Corr. 28.92 in.	0700	1300	1900
R.H.	64 %	24 hr. Mov. 80 mi.	Sea L. 30.25 in.	Clds. St 3/10	Clds. 1/10 Cu, Ci, Ni, Al, 1/10	Clds. Cu 1/10
Ppn.	Liq. 0.01 in.	Prev. Dir. SW	3 hr. Tend. +2.41 mb	Wx Sunny Cool	Wx CRISP	Wx CHILLY
Ppn.	Sol. ∅ in.	Snow Depth — in.	Observer SAG	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 54$   
HDD = 11  
 $\Sigma \text{HDD} = 23$   
 $\Sigma \text{CDD} = 0$   
 $\Sigma \text{PCN} = .02^\circ$

$T_{\text{RAMOS}} = 45/32$   
 $T_{\text{UNV}} = 48/37$

$T_w = 40$   
 $T_D = 34$

Friday October 4, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. —	Temp. 63 °F			
Min.	30 °F	Vel. — m.p.h.	Read. 29.96 in.			
Set	31 °F	Char. CALM	Corr. 29.25 in.	0700	1300	1900
R.H.	78 %	24 hr. Mov. M mi.	Sea L. 30.70 in.	Clds. 0 10	Clds. Cu 1/10 CONTANTL	Clds. 2/10 Ci
Ppn.	Liq. 0.00 in.	Prev. Dir. NW	3 hr. Tend. +1.0, mb	Wx Clear + Cold	Wx FALLING	Wx CHILLING
Ppn.	Sol. — in.	Snow Depth — in.	Observer JCW	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 42$$

$$HDD = 23$$

$$\Sigma HDD = 46$$

$$\Sigma CDD = 0$$

$$\Sigma PCN = 0.02''$$

$$T_{\text{ramo}} = 30/24$$

$$T_{\text{UNV}} = 32/28$$

$$T_D = 24$$



SATURDAY, OCTOBER 5, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. E	Temp. 64 °F	* OVERNIGHT LOW - 34		
Min.	31 * °F	Vel. 4 m.p.h.	Read. 29.37 in.			
Set	35 °F	Char. NEARLY CALM	Corr. 29.26 in.			
R.H.	73 %	24 hr. Mov. 10 mi.	Sea L. 30.69 in.	0700 Clds. AC 5/10 SC	1300 Clds.	1900 Clds. CLR
Ppn.	Liq. 0.00 in.	Prev. Dir. N	3 hr. Tend. +1.0 / mb	Wx LOTS OF LOW FALL STREAMS	Wx	Wx CL:114
Ppn.	Sol. 0.0 in.	Snow Depth 0 in.	Observer DMS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

F-41  
NOD-24  
ΣNOD-70  
ΣPEN-0.02"

Trans - 36/30  
Tuv - 34/30

Tw-32  
Tj-27

SUNDAY 06 OCTOBER 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. —	Temp. 65 °F	* OVERNIGHT LOW 37°		
Min.	35* °F	Vel. — m.p.h.	Read. 29.31 in.			
Set	38 °F	Char. CALM	Corr. 29.20 in.	0700	1300	1900
R.H.	81 %	24 hr. Mov. 33 mi.	Sea L. 30.61 in.	Clds. AC 5/10 SC NO-HG, 00	Clds.	Clds. CLR
Ppn.	— in.	Prev. Dir. NNE	3 hr. Tend. 40.0 mb	Wx Chilly CALM	Wx	Wx CALM
Ppn.	— in.	Snow Depth — in.	Observer SWH	Vis. 25 mi.	Vis.	Vis. 25 mi.

T 45

HOD 20

EHD 90

SPCN 0.02

Tramos 38/33

Tuvu 38/35

Tu 40

Tu 33

MONDAY 07 OCTOBER 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. -	Temp. 65 °F				
Min. 37 °F	Vel. - m.p.h.	Read. 29.01 in.				
Set 39 °F	Char. CALM	Corr. 28.90 in.		0700	1300	1900
R.H. 83 %	24 hr. Mov. 34 mi.	Sea L. 30.29 in.	Clds. CLR	Clds. CLR	Clds. CLR	
Ppn. -	Liq. in.	Prev. Dir. N	3 hr. Tend. -0.5 mb	Wx W/over SUNSHINE	Wx SUNNY MILD	Wx MILD
Ppn. -	Sol. in.	Snow Depth -	Observer SNH	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

F 48

Trans 39/35

T<sub>w</sub> 40

H00 17

T<sub>uv</sub> 39/37

T<sub>0</sub> 35

EH00 107

ΣPCN 0.02

Tuesday, October 8, 1966

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	66 °F	Dir.	NE	Temp.	68 °F	* Overnight low: 46°	
Min.	* 39 °F	Vel.	6 m.p.h.	Read.	28.71 in.		
Set	47 °F	Char.	Steady	Corr.	28.60 in.	0700	1300
R.H.	86 %	24 hr. Mov.	36 mi.	Sea L.	29.95 in.	Clds. st 10/10	Clds. NiG + 10/10
Ppn.	0 in.	Prev. Dir.	S	3 hr. Tend.	-1.4 mb	Wx 'Gray' + mild	Wx Gray Dz + cool
Ppn.	/ in.	Snow Depth	— in.	Observer	SAG	Vis.	4 mi.
						Vis.	4 mi.
						Vis.	4 mi.

$\bar{T} = 53$   
HDD = 12  
 $\Sigma \text{HDD} = 129$   
 $\Sigma \text{PCN} = .02''$

$T_{\text{RAMOS}} = 46/43$   
 $T_{\text{JNV}} = 47/46$

$T_w = 45$   
 $T_D = 43$



Wednesday October 9, 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. SW	Temp. 71 °F	Occasional DZ, HA 200LT-2000LT			
Min. 44 °F	Vel. 8 m.p.h.	Read. 28.62 in.				
Set 48 °F	Char. Var.	Corr. 28.50 in.	0700	1300	1900	
R.H. 86 %	24 hr. Mov. 13 mi.	Sea L. 29.85 in.	Clds. clear over 5/10 strcu (valley)	Clds. 10/10 SC	Clds. 10/10	
Ppn. 0.06" in.	Liq. in.	Prev. Dir. NW	3 hr. Tend. + 1.0 mb	Wx Cool w/ valley fog	Wx DULL	Wx RA
Ppn. — in.	Sol. in.	Snow Depth in.	Observer JCW	Vis. 5 mi.	Vis. 25 mi.	Vis. ~ 7 mi.

$$\bar{T} = 50$$

$$+HDD = 15$$

$$\Sigma HDD = 134$$

$$\Sigma PCN = 0.08''$$

$$T_{\text{RAMOS}} = 47/44$$

$$T_{\text{UNV}} = 49/49$$

$$T_{\text{HYGRO}} = 51$$

$$T_{\text{WET}} = 49$$

$$T_{\text{DEW}} = 47$$

Thursday, ~~October~~ 10, 1996

Meteorological Observatory  
University Park, PA

0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.	61 °F	Dir.	WNW	Temp.	71 °F	1730 <sub>LT</sub> - 2100 <sub>LT</sub> - RA	
Min.	44 °F	Vel.	10620 m.p.h.	Read.	28.64 in.	2130 <sub>LT</sub> - 2215 <sub>LT</sub> - RA	
Set	44 °F	Char.	Gusty	Corr.	28.52 in.	0700	1300
R.H.	70 %	24 hr. Mov.	865 mi.	Sea L.	29.88 in.	Clds. Ci 6/10	Clds. Cu 3/10
Ppn.	0.13 in.	Prev. Dir.	WSW	3 hr. Tend.	+1.4 / mb	Wx Cool & Crisp	Wx Cool & Breezy
Ppn.	- in.	Snow Depth	- in.	Observer	SAG	Vis.	20 mi.
						Vis.	25 mi.
						Vis.	25 mi.

$$\bar{T} = 53$$

$$HDD = 12$$

$$\Sigma HDD = 146$$

$$\Sigma PCN = 0.21''$$

$$T_{\text{Ramos}} = 43/32$$

$$T_{\text{UNV}} = 44/37$$

$$T_w = 40$$

$$T_D = 35$$

Friday October 11, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. W	Temp. 71 °F	- SHRA 1330LT-1400LT		
Min.	38 °F	Vel. 6 m.p.h.	Read. 29.12 in.			
Set	39 °F	Char. Steady	Corr. 29.09 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov. 102.8 mi.	Sea L. 30.50 in.	Clds. 5+Cu 10 (Thin) BINOV	Clds. 10 Cu	Clds. 0/10
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. 2.0 mb	Wx Cool	Wx Cool But Sunny	Wx Cool But Dark
Ppn.	Sol. — in.	Snow Depth — in.	Observer JCW	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 46$$

$$HDD = 19$$

$$\Sigma HDD = 165$$

$$\Sigma PCN = 0.21''$$

$$T_{ramo} = 37/25$$

$$T_{uvv} = 39/34$$

$$\bar{T}_D = 34$$

T

SATURDAY, OCTOBER 12, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. CALM	Temp. 69 °F			
Min.	30 °F	Vel. 0 m.p.h.	Read. 29.17 in.			
Set	31 °F	Char. CALM	Corr. 29.05 in.			
R.H.	92 %	24 hr. Mov. 35 mi.	Sea L. 30.48 in.	0700	1300	1900
				Clds. Thin Ci 8/10 CONTRAILS	Clds.	Clds. 3/10 Cs ST
Ppn.	Liq. 0.00 in.	Prev. Dir. W	3 hr. Tend. +0.71 mb	Wx HAZE FROST	Wx	Wx MILD
Ppn.	Sol. 0.0 in.	Snow Depth 0 in.	Observer DOS	Vis. 10 mi.	Vis. mi.	Vis. 25 mi.

F-40  
HDD-25  
ΣHDD-190  
ΣPCN-0.21"

T<sub>RAMOS</sub> - 31/27  
T<sub>UVV</sub> - 31/30

T<sub>d</sub> - 29



Sunday 13 October 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	58 °F	Dir.	WSW	Temp.	72 °F	7 overcast Low 48°F		
Min.	31 °F	Vel.	2 m.p.h.	Read.	29.09 in.	2230 LT SP.		
Set	49 °F	Char.	Breezy	Corr.	28.97 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov.	39 mi.	Sea L.	30.33 in.	Clds.		Clds. 5t
Ppn.	T in.	Prev. Dir.	SSW	3 hr. Tend.	0.0 mb	Wx	Breezy	Wx Mild
Ppn.	- in.	Snow Depth	- in.	Observer	SNH	Vis.	25 mi.	Vis. 25 mi.

F 45  
HOD 20  
ΣHOD 210

T<sub>onos</sub> 49/40  
T<sub>uvu</sub> 50/45

T<sub>u</sub> 48  
T<sub>u</sub> 47

ΣPCR 0.21

MONDAY 14 OCTOBER 1956

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.					
Max.	69 °F	Dir.	W	Temp.	• OVERNIGHT LOW 59					
				74 °F						
Min.	49 °F	Vel.	15 m.p.h.	Read.				28.88 in.		
Set	60 °F	Char.	BREEZY	Corr.	28.75 in.	0700	1300	1900		
R.H.	57 %	24 hr. Mov.	93 mi.	Sea L.	30.08 in.	Clds. 3/4 SC	Clds. CLR	Clds. CLR		
Ppn.	- in.	Prev. Dir.	SSW	3 hr. Tend.	H.0 / mb	Wx MILD	Wx Breezy wonderfull	Wx MILD DARK		
Ppn.	- in.	Sol.	- in.	Snow Depth	- in.	Observer	SUN	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 59$

Trams 59/46

$T_0$  46

HDD 6

$T_{env}$  59/50

$\Sigma HDD$  216

$\Sigma PCW$  0.21

Tuesday, October 15, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. NE	Temp. 72 °F			
Min.	35 °F	Vel. 4 m.p.h.	Read. 29.04 in.			
Set	38 °F	Char. Variable	Corr. 28.91 in.	0700	1300	1900
R.H.	74 %	24 hr. Mov. 97 mi.	Sea L. 30.32 in.	Clds. CLR	Clds. TO	Clds. TO
Ppn.	0 in.	Prev. Dir. WNW	3 hr. Tend. +0.9 mb	Wx Blue Skies Brilliant Sunshine Chilly	Wx Tranquil	Wx Cool + Clear
Ppn.	— in.	Snow Depth — in.	Observer SAG	Vis. 25 mi.	Vis. 25 mi.	Vis. 7 mi.

$$\bar{T} = 53$$

$$HDD = 12$$

$$\Sigma HDD = 228$$

$$\Sigma PCN = .21''$$

$$T_{RAMOS} = 36/31$$

$$T_{UNU} = 36/33$$

$$T_D = 31$$

Wednesday October 16, 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	63 °F	Dir. CALM	Temp. 74 °F	* Overnight Low		
Min.	38 °F	Vel. 0 m.p.h.	Read. 28.94 in.			
Set	42 * °F	Char. CALM	Corr. 28.80 in.			
R.H.	70 %	24 hr. Mov. 12.4 mi.	Sea L. 30.18 in.	0700 Clds. Ci 1/10	1300 Clds. Cu 2/10	1900 Clds. 0 TO
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. 0.0 mb	Wx Valley Haze + Cool	Wx WARM AND BREEZY	Wx Dark + Warm
Ppn.	Sol. — in.	Snow Depth — in.	Observer JCW	Vis. 25 mi.	Vis. 20 mi.	Vis. ~10 mi.

$$\bar{T} = 51$$

$$HDD = 14$$

$$\Sigma HDD = 242$$

$$\Sigma PCN_L = .21''$$

$$T_{ramos}: 42/36 \quad T_w = 38$$

$$T_{UNV}: 43/40 \quad T_D = 33$$



Thursday October 17, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F	Dir. S	Temp. 72 °F	<del>WHITE</del> Low			
Min. 42 °F	Vel. 2 m.p.h.	Read. 28.83 in.				
Set 49 °F	Char. light	Corr. 28.70 in.	0700	1300	1900	
R.H. 80 %	24 hr. Mov. 72 mi.	Sea L. 30.06 in.	Clds. Contrails 1/10 & cirrus total 5	Clds. cum 5/10	Clds. Cu 2/10	
Ppn. 0 in.	Liq. in.	Prev. Dir. WSW	3 hr. Tend. +0.7 mb	Wx Light Fog Mild & Sunny	Wx Warm + Hazy	Wx Mild
Ppn. — in.	Sol. in.	Snow Depth in.	Observer SAG	Vis. 4 mi.	Vis. 17 mi.	Vis. 17 mi.

$$\begin{aligned}\bar{T} &= 59 \\ \text{HDD} &= 6 \\ \Sigma \text{HDD} &= 248 \\ \Sigma \text{PCN}_c &= .21''\end{aligned}$$

$$\begin{aligned}T_{\text{RAMOS}} &= 50/46 \\ T_{\text{JUNK}} &= 49/48\end{aligned}$$

$$\begin{aligned}T_w &= 46 \\ T_D &= 43\end{aligned}$$

Friday October 18, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. NW	Temp. 72 °F			
Min.	49 °F	Vel. 4 m.p.h.	Read. 28.76 in.			
Set	52 °F	Char. Steady	Corr. 28.63 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. 27 mi.	Sea L. 29.97 in.	Clds. Ci 2/10 AST.	Clds. ST 10/10	Clds. NS 10/10
Ppn.	∅ in.	Prev. Dir. SW	3 hr. Tend. -1.0 mb	Wx Hazy Sun	Wx WINDY FOG	Wx -RA
Ppn.	— in.	Snow Depth — in.	Observer JLW	Vis. 7 mi.	Vis. 2 mi.	Vis. 7 mi.

$$\bar{T} = 62$$

$$HDD = 3$$

$$\Sigma HDD = 251$$

$$\Sigma PCN_L = .21''$$

$$T_{ramos} = 58/51$$

$$T_w = 49$$

$$T_{UNV} = 52/50$$

$$T_o = 46$$



T-49

H00-16

ΣH00-267

ΣPCN<sub>L</sub> - 2.84"

ΣPCN<sub>S</sub> - T

T RAMOS - 37/31

T VW - 39/37

TW-37

TJ-37

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2000LT PCN - 0.81"

0280LT PCN - 1.42" ΣPCN - 2.23"

-SHSN ~ 0530 LT

\* RECORD FOR ANNUAL PRECIP BROKEN

OLD 48.25" IN 1994 NEW 49.06" +

SUNDAY 20 OCTOBER 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	Dir.	Temp.	800 LT - 1530 LT - RA/SN/PE						
48 °F	SE	72 °F	- RA OCC RA 1530 ~ 2300 LT						
Min.	Vel.	Read.	GAUSE E-PT 1948 LT						
37 °F	~5 m.p.h.	28.53 in.	0.84"						
Set	Char.	Corr.	* REC. PRECIP (OW) = 1.24, 1713						
42 °F	UNVARI	28.31 in.	0700	1300	1900				
R.H.	24 hr. Mov.	Sea L.	Clds. SC	Clds.	Clds.	9/10 SC NB			
90 %	56 mi.	29.66 in.	9/10 CU						
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	-Dz, Cool		
* 1.49 in.		NNW	+3.5 mb	chilly					
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	15 mi.		
T in.	- in.		SMH	15 mi.					

T 43  
H00 22  
ΣH00 289  
ΣPCN 4.33  
ΣPCN<sub>S</sub> T

Trans 41/38      Feb 43  
Tono 41/41      T<sub>0</sub> 38

STORM ΣPCN 4.12"



Monday 21 October 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	-SHRA 1000LT OCCL -SHRA ALL DAY			
49 °F	N	72 °F				
Min.	Vel.	Read.				
38 °F	6 m.p.h.	28.62 in.				
Set	Char.	Corr.	0700	1300	1900	
40 °F	STEADY	28.45 in.				
R.H.	24 hr. Mdv.	Sea L.	Clds.	Clds.	Clds.	
90 %	30 mi.	28.82 in.	9/10 Sc	10/10 NS	10/10 Sc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.03 in.	NNE	41.0 mb	some fog brwoc chill	-RA	Cool & cloudy	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
- in.	- in.	SKH	20 mi.	10 mi.	10 mi.	

T 44

T<sub>rand</sub> 90/35

T 41

HDD 21

T<sub>uv</sub> 41/39

T 37

$\Sigma$ HDD 310

$\Sigma$ PCU<sub>2</sub> 4.36

$\Sigma$ PCU<sub>3</sub> T

Tuesday October 22 1966

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. SSW	Temp. 72 °F	1200 LT -SHRA		
Min.	40 °F	Vel. 5 m.p.h.	Read. 28.81 in.	1330 - 1500 SHRA		
Set	43 °F	Chaf. Variable	Corr. 28.68 in.	0700	1300	1900
R.H.	85 %	24 hr. Mov. 43 mi.	Sea L. 30.05 in.	Clds. Ae 3/10	Clds. ScCu 9/10 C:	Clds. Str 10/10
Ppn. Liq.	07" in.	Prev. Dir. SW	3 hr. Tend. +0 mb	Wx Thin Fog	Wx Warm + Dull Gray	Wx Warm
Ppn. Sol.	- in.	Snow Depth - in.	Observer SAG	Vis. 10 mi.	Vis. 20 mi.	Vis. 7 mi.

$$\bar{T} = 46$$

$$HDD = 19$$

$$\Sigma HDD = 329$$

$$\Sigma PCN_2 = 4.43$$

$$\Sigma PCN_5 = T$$

$$T_{RAMOS} = 42/38$$

$$T_{UNU} = 44/42$$

$$T_{W} = 41$$

$$T_D =$$

Wednesday October 23, 1996

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	56 °F	Dir. E	Temp. 72 °F	* Overnight Low 1700 ~ 1745 DZ		
Min.	43 °F	Vel. 4 m.p.h.	Read. 28.73 in.			
Set	50* °F	Char. Steady	Corr. 28.60 in.	0700	1300	1900
R.H.	86 %	24 hr. Mov. 28 mi.	Sea L. 29.95 in.	Clds. Ci Z AS 10	Clds. Sc 6/10 cb	Clds. St 10 To
Ppn.	Liq. T in.	Prev. Dir. S	3 hr. Tend. 0.0 mb	Wx Fog in Valley	Wx - SNEA to SE and SW Breezy	Wx Fog + Warm
Ppn.	Sol. — in.	Snow Depth — in.	Observer JCW	Vis. 7 mi.	Vis. 10 mi.	Vis. 4 mi.

$$\bar{T} = 50$$

$$HDD = 15$$

$$\Sigma HDD = 344$$

$$\Sigma PCN_L = 4.43$$

$$\Sigma PCN_S = T$$

$$T_{ramo} = 51/46 \quad T_N = 48$$

$$T_{UNV} = 48/48 \quad T_D = 46$$

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Thursday October 24, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	60 °F	Dir.	W	Temp.	70 °F	-SHRA 1125 LT SHRA 1700-1900LT		
Min.	48 °F	Vel.	12618 m.p.h.	Read.	28.63 in.			
Set	48 °F	Char.	Gusty	Corr.	28.51 in.	0700	1300	1900
R.H.	66 %	24 hr. Mov.	121 mi.	Sea L.	29.86 in.	Clds. Sc 19/10	Clds. Sc 10/10	Clds. Ci 10
Ppn.	.05 in.	Prev. Dir.	SSW	3 hr. Tend.	+1.7/mb	Wx Gray Spots of blue	Wx Windy + Gray	Wx Calm & Comfortable
Ppn.	- in.	Snow Depth	- in.	Observer	SAG	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 54$$

$$HDD = 11$$

$$\Sigma HDD = 395$$

$$\Sigma PCN_L = 4.48$$

$$\Sigma PCN_S = T$$

$$T_{RAMOS} = 47/34$$

$$T_{UNV} = 48/37$$

$$T_w = 43$$

$$T_D = 37$$



Friday October 25, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	56 °F	Dir. SW	Temp. 72 °F			
Min.	38 °F	Vel. 7 m.p.h.	Read. 29.00 in.			
Set	43 °F	Char. Steady	Corr. 28.87 in.	0700	1300	1900
R.H.	70% %	24 hr. Mov. 84 mi.	Sea L. 30.25 in.	Clds. Ci 1/10	Clds. Ci 2/10	Clds. Ci 4/10
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. +1.5 mb ✓	Wx Crispy + Clear	Wx Mild	Wx Hazy Moon
Ppn.	— in.	Snow Depth — in.	Observer JLW	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 47$$

$$HDD = 18$$

$$\Sigma HDD = 373$$

$$\Sigma PCN_L = 4.48$$

$$\Sigma PCN_S = T$$

$$T_{ramo} = 42/33 \quad T_w = 39$$

$$T_{UNV} = 43/37 \quad T_D = 34$$

SATURDAY, OCTOBER 26, 1946

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. CALM	Temp. 72 °F			
Min.	40 °F	Vel. 0 m.p.h.	Read. 29.14 in.			
Set	42 °F	Char. CALM	Corr. 29.01 in.	0700	1300	1900
R.H.	86 %	24 hr. Mov. 15 mi.	Sea L. 30.41 in.	Clds. Ac As 9/10 Ci	Clds.	Clds. 10 Sc Cu TB
Ppn. Liq.	0.00 in.	Prev. Dir. SW	3 hr. Tend. +1.2 / mb	Wx GRAVITY WAVES	Wx	Wx warm
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer DOS	Vis. 2.5 mi.	Vis. mi.	Vis. 2.7 mi.

F-53

HDD-12

$\Sigma$ 1+00-385

$\Sigma$ PCN<sub>L</sub>-4.48"

$\Sigma$ PCN<sub>S</sub>-T

TRAMOS - 42/37

TUN - 41/39

TW-40

TJ-38



Sunday October 27, 1986

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	CALM		Temp.	70 °F	* overnight Low - End Daylight Saving Time		
Min.	42 °F	Vel.	- m.p.h.		Read.	29.20 in.			
Set	54 °F	Char.	CALM		Corr.	29.07 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov.	21 mi.		Sea L.	30.43 in.	Clds. As To Ci	Clds.	Clds. As 10/10
Ppn.	- in.	Prev. Dir.	S		3 hr. Tend.	0.0 mb	Wx warm w/fog in valley	Wx	Wx warm
Ppn.	- in.	Snow Depth	- in.		Observer	JCW	Vis.	Vis.	Vis. ~10 mi.
							17 mi.	mi.	

$$\bar{T} = 57$$

$$HDD = 8$$

$$\Sigma HDD = 393$$

$$\Sigma PCN_L = 4.48''$$

$$\Sigma PCN_S = T$$

$$T_{ramo} = 53/47 \quad T_W = 52$$

$$T_{UNV} = 53/52 \quad T_D = 49$$

MONDAY 28 OCTOBER 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.					
Max.			Dir.	Temp.	OVERNIGHT LOW 60					
68	°F		W	70				°F		
Min.			Vel.	Read.						
54	°F	*	9	m.p.h.	28.90	in.				
Set			Char.	Corr.	0700	1300	1900			
61	°F		STEADY	28.68						
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.			
73	%		80	mi.	30/100	in.	5T 10 SC	5T 110	CLR	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.		Wx	Wx	Wx			
-	in.	SW	-3.5	mb	WARM WINDY	COOL WINDY	COOL & BREEZY			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	Vis.			
-	in.	-	in.	SNH	20	mi.	25	mi.	25	mi.

F 61

HDD 4

ΣHOD ~~388~~ 397

ΣPCN<sub>2</sub> 4.98"

ΣPCN<sub>3</sub> T

Trans 60/53

Turn 61/53

Tu 38

Tu 52



Tuesday October 29, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	63 °F	Dir. —	Temp. 72 °F	0800 LT - RA OCCL RA		
Min.	35 °F	Vel. — m.p.h.	Read. 28.86 in.	Rain Ended 1035 LT		
Set	38 °F	Char. Calm	Corr. 28.73 in.	Cold FROPA ~ 1000 LT		
R.H.	82 %	24 hr. Mov. 127 mi.	Sea L. 30.12 in.	0700	1300	1900
Ppn.	Liq. 0.26 in.	Prev. Dir. WNW	3 hr. Tend. +.71 mb	Clds. <sup>Clds on Horizon</sup> CLR	Clds. Ci 1/10	Clds. Ci 1/10
Ppn.	Sol. — in.	Snow Depth — in.	Observer SAG	Wx Cold & Calm	Wx Warm + Sunny	Wx Warm + Dark
				Vis. 15 mi.	Vis. 25 mi.	Vis. ~14 mi.

$\bar{T} = 49$   
HDD = 16  
 $\Sigma HDD = 413$   
 $\Sigma PCN_2 = 4.74''$   
 $\Sigma PCN_5 = T$

$T_{RAMOS} = 36/30$   
 $T_{UNU} = 38/32$

$T_w = 36$   
 $T_D = 33$

Wednesday October 30, 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	59 °F	Dir.	SSE	Temp.	70 °F	* Overnight Low - Overnight -RA - LIGHTNING SEEN ~ 0500 LT			
Min.	38 °F	Vel.	15 to 20 m.p.h.	Read.	28.46 in.				
Set	54 °F	Char.	brusy	Corr.	28.34 in.				
R.H.	80 %	24 hr. Mov.	80 mi.	Sea L.	29.66 in.	0700	1300	1900	
Clds.	As 6/10	Clds.	St	5/10	Sc	Clds.	Cu	1/10	
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	3.0 mb	Wx	Windy + Warm	Wx Very Windy	Wx Breezy, Cool, and m. Clear
Ppn.	— in.	Snow Depth	— in.	Observer	JCW	Vis.	20 mi.	Vis.	20 mi.
Vis.	20 mi.	Vis.	20 mi.	Vis.	20 mi.	Vis.	20 mi.	Vis.	20 mi.

$$\bar{T} = 49$$

$$HDD = 16$$

$$\Sigma HDD = 429$$

$$\Sigma PCN_L = 4.74''$$

$$\Sigma PCN_S = T$$

$$T_{RAND} = 53/42 \quad T_W = 51$$

$$T_{UNV} = 53/46 \quad T_D = 48$$

M

Thursday October 30, 1996

0700 EST

Meteorological Observations  
University Park, PA

General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	73 °F	Dir.	W	Temp.	71 °F	Max Wind - 52 MPH @ 1320 LT		
Min.	39 °F	Vel.	10 m.p.h.	Read.	28.69 in.			
Set	39 °F	Char.	Constant	Corr.	28.57 in.	0700	1300	1900
R.H.	59 %	24 hr. Mov.	235 mi.	Sea L.	29.95 in.	Clds.	Cu	Clds.
Ppn.	∅ in.	Prev. Dir.	WSW	3 hr. Tend.	1.4 / mb	Wx Cold & Sunny	Wx Clear + Cool	Wx Clear & Cool
Ppn.	- in.	Snow Depth	- in.	Observer	SAG	Vis.	20 mi.	25 mi.
						Vis.	25 mi.	25 mi.

$$T = 56$$

$$HDD = 9$$

$$\Sigma HDD = 438$$

$$\Sigma PCN_L = 4.74''$$

$$\Sigma PCN_S = T$$

$$T_{RAMOS} = 38/23$$

$$T_{UNV} = 39/28$$

$$T_w = 34$$

$$T_D = 26$$

$$\bar{T}_{HI} = 6.13$$

$$\bar{T}_{LO} = 39.9 \quad \bar{T}_{OCT} = 50.60$$