

SUNDAH 01 SEPTEMBER 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	79 °F	Dir.	-	Temp.	71 °F				
Min.	55 °F	Vel.	- m.p.h.	Read.	28.91 in.				
Set	58 °F	Char.	CALM	Corr.	28.79 in.	0700	1300	1900	
R.H.	94 %	24 hr. Mov.	12 mi.	Sea L.	30.13 in.	Clds.	X		Clds. 1/10 Ci
Ppn.	0 in.	Prev. Dir.	NNW	3 hr. Tend.	+0.5 mb	Wx	FOG		Wx Mild Clear
Ppn.	- in.	Sol.	- in.	Snow Depth	- in.	Observer	SNDH	Vis.	1/10 mi.
								Vis.	20 mi.

$\bar{T} = 67$

$CDO = 2$

$\Sigma CDO = 2$

$\Sigma HOD = 0$

$\Sigma PCN = 0$

$T_{ramos} = 57/54$

$T_w = 58$

$T_{unu} = 54/54$

$T_d = 56$

Monday, September 2, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. -	Temp. 72 °F			
Min.	55 °F	Vel. - m.p.h.	Read. 28.87 in.			
Set	58 °F	Char. Calm	Corr. 28.75 in.	0700	1300	1900
R.H.	89 %	24 hr. Mov. M mi.	Sea L. 30.09 in.	Clds. -X	Clds. 4/10 cu	Clds. 3/10
Ppn.	0 in.	Prev. Dir. NE	3 hr. Tend. +1.0 mb	Wx Fog	Wx Sunshs HAZY	Wx Calm HAZY
Ppn.	- in.	Snow Depth - in.	Observer SAG	Vis. 1 mi.	Vis. 20 mi.	Vis. 15 mi.

$$\bar{T} = 67$$

$$CDD = 2$$

$$\Sigma CDD = 4$$

$$\Sigma HDD = 0$$

$$\Sigma PCN_L = 0$$

$$T_{RAMOS} = 57/54$$

$$T_{UNV} = 56/54$$

$$T_w = 56$$

$$T_d = 54$$

Tuesday September 3, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	—	Temp.	73 °F			
Min.	57 °F	Vel.	— m.p.h.	Read.	28.90 in.			
Set	59 °F	Char.	Calm	Corr.	28.78 in.			
R.H.	83 %	24 hr. Mov.	13.2 mi.	Sea L.	30.11 in.	0700	1300	1900
						Clds. Ac 3/10 Cc	Clds. Cu 5/10	Clds. Sc 10/10
Ppn.	0 in.	Prev. Dir.	WNW	3 hr. Tend.	1.2 mb	Wx	Wx	Wx
						Light Fog	Mazy + Warm	Calm + Warm
Ppn.	— in.	Snow Depth	— in.	Observer	SAG	Vis.	Vis.	Vis.
						2 mi.	15 mi.	15 mi.

$$\bar{T} = 69$$

$$CDD = 4$$

$$\Sigma CDD = 8$$

$$\Sigma HDD = 0$$

$$\Sigma PCN_2 = 0$$

$$T_{RH\text{mos}} = 59/55$$

$$T_{UNV} = 59/55$$

$$T_w = 56$$

$$T_d = 54$$

Wednesday September 4 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	NE	Temp.	73 °F	Rain occurred overnight * DONT LOW 63		
Min.	* 59 °F	Vel.	6 m.p.h.	Read.	28.94 in.	0415 - OB - RA		
Set	64 °F	Char.	VAR	Corr.	28.81 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov.	33 mi.	Sea L.	30.13 in.	Clds. $\frac{10}{10}$ STCU	Clds. NS	Clds. $\frac{10}{10}$ gcu
Ppn.	0.09 in.	Prev. Dir.	SSE	3 hr. Tend.	+0.5 mb	Wx - RA Fog	Wx - RA	Wx Fog
Ppn.	— in.	Snow Depth	— in.	Observer	J.C.W	Vis.	3.5 mi.	5 mi.
						Vis.	5 mi.	3.5 mi.

$$\bar{T} = 70$$

$$T_{RAMO} = 63/60$$

$$CDD = 5$$

$$T_{UNV} = 63/59$$

$$\Sigma CDD = 13$$

$$\Sigma HDD = 0$$

$$\Sigma PCNL = 0.09''$$

Thursday, September 5, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 70 °F	Dir. Variable	Temp. 72 °F	0800 LT - -RA				
Min. *63 °F	Vel. 2 m.p.h.	Read. 28.91 in.	0915 LT RA				
Set 67 °F	Char. Variable	Corr. 28.79 in.	1045 LT -RA				
R.H. 87 %	24 hr. Mov. 13.6 mi.	Sea L. 30.11 in.	1100 LT -RA ENDED				
Ppn. Liq. *1.46 in.	Prev. Dir. E	3 hr. Tend. +1.15 mb	1150 LT - Cecl - FGT SHRA, -SHRA 1503 (over)				
Ppn. Sol. — in.	Snow Depth — in.	Observer SAG	0700	1300	1900		
			Clds. St 10/10	Clds. Cu 10 st	Clds. Cs 10 Cc		
			Wx Fog	Wx Calm + Warm	Wx Fog Forming		
			Vis. 1 mi.	Vis. 17 mi.	Vis. 6 mi.		

$$\bar{T} = 67$$

$$CDD = 2$$

$$\sum CDD = 15$$

$$\sum HDD = 0$$

$$\sum PEN_L = 1.55$$

0200-0400 - RA/RA

* QVINT LOW 66

** THE RECORD PRECIP FOR
DATE (1923)

$$T_{ANNOS} = 67/65$$

$$T_{UNV} = 68/64$$

Friday September 6, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. NE	Temp. 70 °F	1430-1450 LT - RA		
Min.	66 °F	Vel. 6 gust ¹² m.p.h.	Read. 28.94 in.	1450-1510 LT RA		
Set	66 °F	Char. Var.	Corr. 28.82 in.	1510-1520 LT - RA		
R.H.	91 %	24 hr. Mov. 24 mi.	Sea L. 30.13 in.	0700	1300	1900
Ppn. Liq.	0.22 in.	Prev. Dir. E	3 hr. Tend. 0.0 mb	Clds. ST Cu 10/10	Clds. NS 10/10	Clds. NS 10/10
Ppn. Sol.	— in.	Snow Depth — in.	Observer JCW	Wx Breezy + Hozy	Wx Breezy - RA	Wx WINDY - RA FOG
				Vis. 4 mi.	Vis. 15 mi.	Vis. 3 mi.

$$\bar{T} = 72$$

$$CDD = 7$$

$$\Sigma_{CDD} = 22$$

$$\Sigma_{HDD} = 0$$

$$\Sigma PCN = 1.77''$$

$$T_{ramo} = 66/62$$

$$T_{UNV} = 65/61$$

$$T_D = 64$$

SATURDAY, SEPTEMBER 7, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. S	Temp. 70 °F	* RECORD 24 HOUR TOTAL FOR DAY		
Min.	65 °F	Vel. 10 m.p.h.	Read. 28.55 in.	* RECORD 24 HOUR TOTAL FOR MONTH		
Set	67 °F	Char. STEADY	Corr. 28.43 in.	+ MIN SEA LEVEL PRESSURE -29.70" - SRA 1230-1310LT (OVER)		
R.H.	90 %	24 hr. Mov. 87 mi.	Sea L. + 29.73 in.	0700	1300	1900
Ppn.	Liq. 2.70** in.	Prev. Dir. NE	3 hr. Tend. +0.71 mb	Clds. 10/10 SC	Clds.	Clds. 14/10 NS
Ppn.	Sol. - in.	Snow Depth - in.	Observer DDS	Wx -DZ	Wx	Wx DZ -SRA
				Vis. 17 mi.	Vis. mi.	Vis. 5 mi.

T-68

COO-3

ΣCOO-25

ΣPCN-4.47"

T Ramos-67/63

TUNV-68/63

Tw-65

Td-64

-RA/RA/RA+ 1425-2245LT

2000LT PCN-1.01"

MAX GUST 46mph @ 2110LT

2200LT PCN-1.32" ΣPCN-2.33"

OKNL -SHRA / FGNT -02 2245-0800LT

EFFECTS OF HAZ FRAN

SUNDAY 08 SEPTEMBER 1961 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. WSW	Temp. 69 °F	0800 - 0000 - 0 Z			
Min. 64 °F	Vel. 15 m.p.h.	Read. 28.67 in.	1540 - 1700 0000 - SHRA			
Set 68 °F	Char. STEADY	Corr. 28.56 in.	0700	1300	1900	
R.H. 70 %	24 hr. Mov. 15 mi.	Sea L. 29.85 in.	Clds. 7/10 ST	Clds.	Clds. Ci 2/10	
Ppn. .09 in.	Liq. in.	Prev. Dir. S	3 hr. Tend. +1.0 - mb	Wx LET THE SUNSHINE IN	Wx Fog Forming Mild	
Ppn. - in.	Sol. in.	Snow Depth - in.	Observer SNH	Vis. 20 mi.	Vis. mi. 10 mi.	

T 67

Tonos 68/60

To 65

COO 2

Tonu 67/60

To 59

ΣCOO 27

SPW 4.56"

Monday, September 9, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. —	Temp. 69 °F			
Min.	63 °F	Vel. — m.p.h.	Read. 28.69 in.			
Set	65 °F	Char. Calm	Corr. 28.58 in.	0700	1300 182	1900
R.H.	90 %	24 hr. Mov. 35 mi.	Sea L. 29.89 in.	Clds. -X	Clds. 2/10 cu	Clds. 8/10 Ac Ci
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. +1.2/mb	Wx light fog	Wx HAZE	Wx Calm, Damp
Ppn.	— in.	Snow Depth — in.	Observer SAG	Vis. 1 mi.	Vis. 15 mi.	Vis. 8 mi.

$$\bar{T} = 71$$

$$CDD = 6$$

$$\Sigma CDD = 33$$

$$\Sigma PCN = 4.56''$$

$$T_{RHMS} 65/63$$

$$T_{UNR} 66/61$$

$$T_W = 63$$

$$T_D = 62$$

Tuesday, September 10, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. SW	Temp. 70 °F	1730LT - 1815LT - RA 1815 - 1845LT + TSRA		
Min.	61 °F	Vel. 4 m.p.h.	Read. 28.77 in.			
Set	63 °F	Char. Constant	Corr. 28.65 in.	0700	1300	1900
R.H.	95 %	24 hr. Mov. 23 mi.	Sea L. 29.96 in.	Clds. -X ¹⁰ / ₁₀ st	Clds. Cu 10	Clds. S ¹⁰ / ₁₀ Cu
Ppn.	0.58 in.	Prev. Dir. S	3 hr. Tend. + .75 mb	Wx Fog	Wx Warm	Wx Warm
Ppn.	— in.	Snow Depth — in.	Observer SAG	Vis. 2 mi.	Vis. 10 mi.	Vis. 5 mi.

$\bar{T} = 71$
CDD = 6
 $\Sigma CDD = 39$
 $\Sigma PCN = 5.14''$

$T_{Ramos} 62/61$
 $T_{UNV} 62/59$

$T_w = 62$
 $T_D =$

Wednesday September 11, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. NNE	Temp. 70 °F	1830 ⁺ 1900 LT - RA * Overnight Low		
Min.	63 °F	Vel. 6 m.p.h.	Read. 28.91 in.			
Set	* 64 °F	Char. Var.	Corr. 28.80 in.	0700	1300	1900
R.H.	96 %	24 hr. Mov. 14 mi.	Sea L. 30.12 in.	Clds. ^{st Cu} ls 10	Clds. ^{cc} 6/10 ^{cs sl}	Clds. ^{ci} 1/10 ^{as}
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +1.0 / mb	Wx Warm + Br	Wx ORDINARY	Wx Warm + Calm
Ppn.	Sol. — in.	Snow Depth — in.	Observer JCW	Vis. 3 mi.	Vis. 20 mi.	Vis. 20 mi.

$$\bar{T} = 71$$

$$CDD = 6$$

$$\Sigma CDD = 45$$

$$\Sigma PCN = 5.14''$$

$$T_{\text{ramo}} = 64/61$$

$$T_{\text{UNV}} = 63/59$$

Thursday, September 12, 1966

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	73 °F	Dir.	W	Temp.	69 °F			
Min.	57 °F	Vel.	3 m.p.h.	Read.	28.72 in.			
Set	59 °F	Char.	light	Corr.	28.60 in.	0700	1300	1900
R.H.	88 %	24 hr. Mov.	7 mi.	Sea L.	29.92 in.	Clds.	X	Clds. Cu 5/10
Ppn.	0 in.	Prev. Dir.	N	3 hr. Tend.	+0.8 ✓ mb	Wx	Fog/Cool	Wx Hazy Wx TSRA, Cool
Ppn.	— in.	Snow Depth	— in.	Observer	SAG	Vis.	1 mi.	Vis. 10 mi.
						Vis.		Vis. 3 mi.

$$\bar{T} = 65$$

$$COD = 0$$

$$\Sigma CDD = 45$$

$$\Sigma PCN = 5.14''$$

$$T_{RAMOS} = 58/57$$

$$T_{UNV} = 59/56$$

$$T_w = 57$$

$$T_D = 55.5$$

Friday September 13, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. N	Temp. 68 °F	1805 ~ 2000 LT TSRA 1815 - 1905 LT Thunder in Vicinity 1900 ~ 0800 LT RA * Record Precip for day		
Min.	58 °F	Vel. 4 m.p.h.	Read. 29.54 in.			
Set	58 °F	Char. Var.	Corr. 28.43 in.			
				0700	1300	1900
R.H.	95 %	24 hr. Mov. M mi.	Sea L. 29.73 in.	Clds. ^{st Ni} 10/10	Clds. Sc 5/10	Clds. Sc cb 6/10 Acci
Ppn. Liq.	2.14 in.	Prev. Dir. S	3 hr. Tend. -3.0 mb	Wx Ra	Wx Sunshine	Wx Cool Breeze
Ppn. Sol.	— in.	Snow Depth — in.	Observer JCW	Vis. 4 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 67$$

$$T_{\text{Ramo}} = 58/57$$

$$CDD = 2$$


$$T_{\text{UNV}} = 59/55$$

$$\Sigma CDD = 47$$

$$\Sigma PCN = 7.28'' \star$$

\star RECORD PRECIP FOR MONTH

0.0 - 6.57" IN 1907



SATURDAY, SEPTEMBER 14, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	65 °F	Dir.	WSW	Temp.	67 °F	-RA 0800-1015LT TS ~0815LT +RA ~0830LT RAIN ENDED ~1000LT			
Min.	51 °F	Vel.	6 m.p.h.	Read.	28.55 in.				
Set	52 °F	Char.	LIGHT	Corr.	28.44 in.				
						0700	1300	1900	
R.H.	74 %	24 hr. Mov.	26 mi.	Sea L.	29.78 in.	Clds.	9/10 SC	Clds.	10/10 SC
Ppn.	0.44 in.	Liq.		Prev. Dir.	W	3 hr. Tend.	+0.2 ^ mb	Wx	VERY FALL LIKE
Ppn.	- in.	Sol.	- in.	Snow Depth	- in.	Observer	DOS	Vis.	25 mi.
								Vis.	mi.
								Vis.	25 mi.

F-58

H00-7

ΣH00-7

ΣC00-47

ΣPCN-7.72"

T Ramos - 52/47

TUVV - 53/46

T_w - 48

T_d - 44

Sunday, September 15, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. W	Temp. 66 °F	-RA ~0700-0730 CT		
Min.	51 °F	Vel. 4 m.p.h.	Read. 28.66 in.			
Set	51 °F	Char. Var.	Corr. 28.55 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. 83 mi.	Sea L. 29.89 in.	Clds. 7/10 Ac Sc	Clds.	Clds. 7/10 Sc
Ppn.	Liq. .04 in.	Prev. Dir. SW	3 hr. Tend. +1.1 mb	Wx Cool, Crisp	Wx	Wx Calm
Ppn.	Sol. - in.	Snow Depth - in.	Observer SAG	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 57$$

$$H_{AD} = 8$$

$$\sum_{AD} = 15$$

$$\sum_{CD} = 47$$

$$\sum_{RN} = 7.76$$

Trunc₃

T₂₀₀

1710-10114 1632872m 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	64 °F	Dir.	—	Temp.	* OVERRUN HT L... 53°			
Min.	51* °F	Vel.	— m.p.h.	66 °F				
Set	55 °F	Char.	CALM	Read.				28.82 in.
R.H.	90 %	24 hr. Mov.	70 mi.	Sea L.	30.02 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+0.5 mb	Clds. 9/10 SC	Clds. 5C 10/10 NS	Clds. NS 10/10
Ppn.	— in.	Snow Depth	— in.	Observer	SNH	Wx Fog A... M...N	Wx A FEW SPRINKLES	Wx Light Rain
Vis.	20 mi.	Vis.	15 mi.	Vis.	7 mi.			

T 58

HOO .7

ΣHOO 22

ΣCOO 47

ΣPCO 7.76

T_{trans} 55/51

T_{un} 54/50

T_w 55

T_o 52

TUESDAY, 17 SEPTEMBER, 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. NNE	Temp. 69 °F	-SHRA 1145-1200 LT -RA 1500-0165 OCCL DE LATE IN PD.		
Min.	54 °F	Vel. 10 m.p.h.	Read. 28.54 in.			
Set	56 °F	Char. Variable	Corr. 28.36 in.			
R.H.	94 %	24 hr. Mov. M mi.	Sea L. 2969 in.	0700 Clds. $\frac{10}{10}$ Ns	1300 Clds. $\frac{10}{10}$ Ns	1900 Clds. $\frac{10}{10}$ Ns
Ppn.	Liq. .95 in.	Prev. Dir. S	3 hr. Tend. -0 mb	Wx Drizzle, Fog	Wx Ra-, Fog	Wx DE, Fog
Ppn.	Sol. - in.	Snow Depth - in.	Observer SAG	Vis. 2 mi.	Vis. 2 mi.	Vis. 5 mi.

$$\bar{T} = 57$$

$$HDD = 8$$

$$\Sigma HDD = 30$$

$$\Sigma CDD = 47$$

$$\Sigma PCN = 8.71''$$

$$T_{RAMOS} = 52/53$$

$$T_{UNV} = 52/54$$

$$T_w = 55$$

$$T_a = 54.$$

Wednesday September 18, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. NW	Temp. 71 °F	DZ 082-1330LT -RA/RA 1330 ~ 2100LT			
Min. 54 °F	Vel. 4 m.p.h.	Read. 28.80 in.				
Set 55 °F	Char. Steady	Corr. 28.67 in.				
R.H. 83 %	24 hr. Mov. 54 mi.	Sea L. 30.01 in.	Clds. 10/10 S+Cu	Clds. Sc 9/10 Ci	Clds. As 1/10 Ci	
Ppn. Liq. 0.77 in.	Prev. Dir. N	3 hr. Tend. +1.0 mb	Wx Cool + Overcast	Wx BREEZY AND CALM	Wx Cool	
Ppn. Sol. — in.	Snow Depth — in.	Observer JCW	Vis. 15 mi.	Vis. 25 mi.	Vis. 10 mi.	

$$\bar{T} = 57$$

$$HDD = 8$$

$$\Sigma HDD = 38$$

$$\Sigma CDD = 47$$

$$\Sigma PCN = 9.48''$$

$$T_{\text{camo}} = 55/49$$

$$T_{\text{UNV}} = 56/49$$

$$T_{\text{dry}} = 57$$

$$T_{\text{W}} = 54$$

$$T_{\text{D}} = 52$$

Thursday, September 17, 1998

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. NW	Temp. 68 °F			
Min.	48 °F	Vel. 2 m.p.h.	Read. 28.80 in.			
Set	50 °F	Char. Calm/Light	Corr. 28.69 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. 54 mi.	Sea L. 30.05 in.	Clds. % CLEAR	Clds. 9/10 Clear	Clds. 9/10
Ppn.	0 in.	Prev. Dir. NW	3 hr. Tend. +8 / mb	Wx Clear & Cool	Wx Clear & Warm	Wx Cool
Ppn.	— in.	Snow Depth — in.	Observer SAG	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 59$$

$$HAD = 6$$

$$\Sigma HAD = ~~36~~ 44$$

$$\Sigma CDD = 47$$

$$\Sigma PCN = 9.48''$$

$$T_{UNN} = 52/45$$

$$T_{Ramos} = 52/46$$

$$T_w = ~~47~~$$

$$T_D = 44$$

Friday September 20, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	71 °F	Dir. SSW	Temp. 68 °F			
Min.	45 °F	Vel. 6 m.p.h.	Read. 29.00" in.			
Set	47 °F	Char. Steady	Corr. 28.88" in.	0700	1300	1900
R.H.	74 %	24 hr. Mov. 23 mi.	Sea L. 30.24" in.	Clds. Ci 1/10	Clds. Ci 1/10 Cu	Clds. Ci 2/10
Ppn.	Liq. — in.	Prev. Dir. NW	3 hr. Tend. +0.5/mb	Wx Cool w/ Valley Fog	Wx MILD AND SUNNY	Wx HAZY MOON
Ppn.	Sol. — in.	Snow Depth — in.	Observer JCW	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 58$$

$$MDD = 7$$

$$\Sigma HDD = ~~48~~ 51$$

$$\Sigma CDD = 47$$

$$\Sigma PCN = 9.48''$$

$$T_{UNV} \quad 48/48$$

$$T_{RAMS} \quad 50/42$$

$$T_W = 43$$

$$T_D = 44$$

SATURDAY, SEPTEMBER 21, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. CALM	Temp. 70 °F	* TAKE FROM DEW			
Min. 45 °F	Vel. 0 m.p.h.	Read. 28.85 in.				
Set 46 °F	Char. CALM	Corr. 28.73 in.				
			0700	1300	1900	
R.H. 86 %	24 hr. Mov. M mi.	Sea L. 30.10 in.	Clds. <i>Thin Ci</i> 7/10 Contrails	Clds.	Clds. CLR	
Ppn. 0.00	Liq.* in.	Prev. Dir. W	3 hr. Tend. +0.2V mb	Wx VALLEY FOG	Wx	Wx cool & CALM
Ppn. —	Sol. in.	Snow Depth — in.	Observer DAS	Vis. 10 mi.	Vis. mi.	Vis. 25 mi.

T-58
NOD-7
 Σ NOD-58
 Σ CDD-47
 Σ PLN-9.48"

TRAMOS-49/46
TUNU-46/46

TW-44
TD-42



SUNDAY 22 SEPTEMBER

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F	Dir. SW	Temp. 74 °F	0430 LT ~ OBSN -RA			
Min. *46 °F	Vel. 9 m.p.h.	Read. 28.89 in.	* OVNT LOW 58			
Set 59 °F	Char. STEADY	Corr. 28.76 in.	0700	1300	1900	
R.H. 100% %	24 hr. Mov. 42 mi.	Sea L. 30.09 in.	Clds. 10 NS	Clds.	Clds. Ci 3/10 5e	
Ppn. 0.10 in.	Liq.	Prev. Dir. S	3 hr. Tend. -0.1 mb	Wx -RA END 19	Wx Clear & Cool	
Ppn. - in.	Sol.	Snow Depth - in.	Observer SNH	Vis. 8 mi.	Vis. mi. 12 mi.	

F 59

HOD 6

ΣHOD 64

ΣCDD 47

ΣPCN 9.59

Tramos 57/53

Τ₂ 55

Τ₁ 57/57

MONDAY 23 SEPTEMBER 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 63 °F	Dir. NW	Temp. 70 °F	-TSRA 1345-1500 OCCI TSRA			
Min. 53 °F	Vel. 10 m.p.h.	Read. 29.72 in.	2000ET RAIN GUAGE EMPTIED 0.19"			
Set 54 °F	Char. Steady	Corr. 28.50 in.	PSARRIDIA RAINOLEY at CBS			
R.H. 72 %	24 hr. Mov. 111 mi.	Sea L. 29.83 in.	Clds. 10/10 SC	Clds. 2/10 CU	Clds. 2/10 CI	
Ppn. 0.20 in.	Liq. WSW	Prev. Dir. WSW	3 hr. Tend. 4.01 mb	Wx BINCUC BIRCCY	Wx NICE	Wx Mainly Clear & Cool
Ppn. - in.	Sol. - in.	Snow Depth - in.	Observer SNH	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} 58

H_{00} 7

ΣH_{00} 71

ΣD_{00} 47

ΣP_{00} 9.79

T_{trans} 52/40

T_{unv} 54/50

T_w 53

T_d 47

Tuesday, September 24, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	67 °F	Dir.	—	Temp.	68 °F			
Min.	47 °F	Vel.	— m.p.h.	Read.	28.76 in.			
Set	48 °F	Char.	Calm	Corr.	28.65 in.			
R.H.	90 %	24 hr. Mov.	59 mi.	Sea L.	30.00 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NW	3 hr. Tend.	-.77 mb	Clds. Ac 4/10 St	Clds. N.St. 10	Clds. Ci 2/10 St
Ppn.	— in.	Snow Depth	— in.	Observer	SAG	Wx Grey & tranquil	Wx Fog DZ-	Wx Clearing w/moonlight
				Vis.	20 mi.	Vis.	3 mi.	Vis. 4 mi.

$$\bar{T} = 57$$

$$HDD = 8$$

$$\Sigma HDD = 79$$

$$ECDD = 47$$

$$\Sigma PCN_L = 9.79''$$

$$T_{RAMOS} \quad 46/42$$

$$T_{UNV} \quad 47/46$$

$$T_w = 45$$

$$T_d = 42$$

Wednesday September 25, 1996 Meteorological Observatory
 0700 EST University Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	58 °F		Dir.	SSW		Temp.	68 °F		-SHRA 12:20-1500 LT -RA 1800-1900 LT * overnight Low 49		
Min.	48 °F		Vel.	6 m.p.h.		Read.	28.96 in.				
Set	49* °F		Char.	Steady		Corr.	28.84 in.		0700	1300	1900
R.H.	86 %		24 hr. Mov.	42 mi.		Sea L.	90.19 in.		Clds. Sp. Ce in 1/10 Dist.	Clds. S 5/10 Sc	Clds. As 1/10 Ci
Ppn.	Liq.	0.07 in.	Prev. Dir.	WSW		3 hr. Tend.	+7.0 mb		Wx Hazy w/blue skies	Wx SUNNY	Wx Clear + moonlight
Ppn.	Sol.	- in.	Snow Depth	- in.		Observer	JCW		Vis.	15 mi.	25 mi.
									25 mi.	25 mi.	25 mi.

$$\bar{T} = 53$$

$$HDD = 12$$

$$\Sigma HDD = 91$$

$$\Sigma CDD = 47$$

$$\Sigma PCN_L = 9.84''$$

$$T_{RAMO} = 50/43$$

$$T_w = 49$$

$$T_{UNV} = 47/46$$

$$T_D = 45$$

Thursday, September 26, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. NE	Temp. 68 °F			
Min.	44 °F	Vel. 4 m.p.h.	Read. 29.10 in.			
Set	46 °F	Char. Constant	Corr. 28.98 in.	0700	1300	1900
R.H.	86 %	24 hr. Mov. 64 mi.	Sea L. 30.36 in.	Clds. st, Ci 4/10	Clds. spcu 7/10 ars	Clds. ST 19/10
Ppn.	0 in.	Prev. Dir. W	3 hr. Tend. +1.3 mb	Wx moving Fog in	Wx Cloudy Cool	Wx Cloudy mild
Ppn.	0 in.	Snow Depth - in.	Observer SAG	Vis. 3/4 mi.	Vis. 25 mi.	Vis. 10 mi.

$\bar{T} = 54$
 $HDD = 11$
 $\Sigma HDD = 102$
 $\Sigma CDD = 47$
 $\Sigma PCN_1 = 9.86''$

$T_{UNV} = 43/42$
 $T_{RAMOS} = 45/42$

$T_w = 44$
 $T_D = 42$

Friday September 27, 1986
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max. 62 °F			Dir. SSE		Temp. 72 °F	* Overnight Low		
Min. 46 °F			Vel. 18 m.p.h.		Read. 29.16 in.			
Set 59* °F			Char. Gusty		Corr. 29.0 in.			
R.H. 50 %		24 hr. Mov. 112 mi.		Sea L. 30.38 in.	0700	1300	1900	
Clds. S+ 10/10		Clds. Sr 10/10		Clds. NS 10/10				
Ppn. Liq. 0 in.		Prev. Dir. SE		3 hr. Tend. 0.0 mb	Wx Breezy + Warm + Hazy	Wx BREEZY AND WILD	Wx -02	
Ppn. Sol. - in.		Snow Depth - in.		Observer JCW	Vis. 25 mi.	Vis. 17 mi.	Vis. 15 mi.	

$$\bar{T} = 54$$

$$HDD = 11$$

$$\Sigma HDD = 113$$

$$\Sigma CDD = 47$$

$$\Sigma PCN_e = 9.886''$$

$$T_{UNV} = 60/53$$

$$T_{RAMOS} = 56/48$$

$$T_w = 51$$

$$T_D = 42$$

SATURDAY, SEPTEMBER 28, 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.		67 °F	Dir.	S	Temp.	71 °F	*OVERNIGHT LOW-61		
Min.	*	59 °F	Vel.	11 m.p.h.	Read.	28.81 in.	-SHRA 1620LT		
Set		61 °F	Char. GUSTS	TO 21	Corr.	28.69 in.	-RA 0400-0600LT		
R.H.		90 %	24 hr. Mov.	158 mi.	Sea L.	30.02 in.	0700	1300	1900
Ppn.	Liq.	0.25 in.	Prev. Dir.	S	3 hr. Tend.	-0.7 mb	Clds. SE NS 10/10	Clds. NS 10/10	Clds. NS 10/10
Ppn.	Sol.	- in.	Snow Depth	- in.	Observer	DAS	Wx	Wx OCCL -RA +RA	Wx RA
							Vis.	Vis.	Vis.
							17 mi.	15 mi.	17 mi.

1-63
H00-2
ΣH00-115
ΣC00-47
ΣPCN_c-10.11"

T RAMOS - 61/65
T_{UNN}-

T_w-59
T_d-58

SUNDAY 29 SEPTEMBER 1956

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. W	Temp. 66 °F	- RA 0800 - 2045 LT OCCUR RA ~ 1445 LT COLD FRONT ~ 1535 LT GAUGE EMPTIED @ 1945 0.95" 2045 GAUGE EMPTIED 0.07" @ 0.92 END WETTEST SEPTEMBER (MONTH ON RECORD)			
Min. 47 °F	Vel. 10 m.p.h.	Read. 28.97 in.				
Set 48 °F	Char. Gusty	Corr. 28.86 in.	0700	1300	1900	
R.H. 90 %	24 hr. Mov. 134 mi.	Sea L. 30.22 in.	Clds. 9/10 Sc	Clds.	Clds. CLR	
Ppn. Liq. 0.92 in.	Prev. Dir. SSW	3 hr. Tend. +1.2 mb	Wx DAMP & Chilly	Wx	Wx Calm & mild	
Ppn. Sol. - in.	Snow Depth - in.	Observer SWH	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

T 56

Tranos 48/44

T₂ 45

HOD 9

T_{und} 48/47

ΣHOD 124

ΣCOO 47

ΣPCU ~~10~~

11.03

MONDAY 30 SEPTEMBER 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. NW	Temp. 66 °F			
Min.	47 °F	Vel. 10 m.p.h.	Read. 29.12 in.			
Set	49 °F	Char. STEADY	Corr. 29.01 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov. M mi.	Sea L. 30.38 in.	Clds. CLR	Clds. 3/10 CU	Clds. CLR
Ppn.	Liq. - in.	Prev. Dir. WSW	3 hr. Tend. +3.0 / mb	Wx HAZY SUNSHINE	Wx NICE	Wx CALM
Ppn.	Sol. - in.	Snow Depth - in.	Observer SNH	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} 55

\bar{T}_{RAMOS} 52/45

T_{LOW} 50

HDD 10

T_{UNO} 50/48

T_D 44

ΣHDD 134

ΣCDD 47

ΣPCN_2 11.03**

\bar{T}_{MAX} = 69.83

\bar{T}_{MIN} = 54.87 \bar{T}_{SEP} = 61.95

** WETTEST SEPT.
(OW = 6.57, 1907)

2ND WETTEST
MONTH OF RECORD