

TUESDAY 01 APRIL 1997 0700 EST

Meteorological Observatory,
University Park, PA

General Obs.

Temp.		Wind		Barom.		OCLL - SHSN ALL DAY		
Max.	°F	Dir.		Temp.	°F			
35		NW		69				
Min.	°F	Vel.		Read.				
26		10 m.p.h.		28.84	in.			
Set	°F	Char.		Corr.		0700	1300	1900
30		STEADY		28.72	in.	Clds.	Clds.	Clds.
R.H.	%	24 hr. Mov.		Sea L.		CLR	0/10	CLR
45		205 mi.		30.13	in.	Wx	Breezy	Wx Mild w/ beautiful sunset
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx		Vis.
0.01	in.	NW		14.01	mb	Wx		25 mi.
Ppn.	Sol.	Snow Depth		Observer		Wx		25 mi.
7	in.	0 in.		SNH		Wx		25 mi.

1 31
HDD 34

Tramas 30/11
T unu 30/11

Td 11

Σ HDD 34

Σ AN₂ 0.01

Σ AN₃ T

Wednesday, April 2, 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. NW	Temp. 70 °F			
Min.	28 °F	Vel. 6 m.p.h.	Read. 29.08 in.			
Set	37 °F	Char. Constant	Corr. 28.96 in.	0700	1300	1900
R.H.	44 %	24 hr. Mov. 104 mi.	Sea L. 30.37 in.	Clds. CLR	Clds. 0/10	Clds. CLR
Ppn.	Liq. 0 in.	Prev. Dir. NW	3 hr. Tend. +1.3 mb	Wx Cool & Sunset	Wx Still Sunny	Wx COOL CLOUDS
Ppn.	Sol. — in.	Snow Depth — in.	Observer SAG	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$$F = 42$$

$$HDD = 23$$

$$\Sigma HDD = 57$$

$$\Sigma PCN_L = .01''$$

$$\Sigma PCN_S = T$$

$$T_{UNV} = 37/19$$

$$T_{RAMOS} = 37/16$$

$$T_d = 17$$

THURSDAY 03 APRIL 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	63 °F	Dir.	SSW	Temp.	* OVERNIGHT LOW 41F		
				70 °F			
Min.	37* °F	Vel.	10 m.p.h.	Read.			
				28.96 in.			
Set	44 °F	Char.	STEADY	Corr.	0700	1300	1900
				28.84 in.			
R.H.	66 %	24 hr. Mov.	87 mi.	Sea L.	Clds. Ci	Clds. Ci	Clds. As
				30.22 in.	7/10	7/10	9/10
Ppn.	0 in.	Prev. Dir.	WNW	3 hr. Tend.	Wx	Wx	Wx
				+1.0 V mb	MILD	mild	mild
						w/ some SUN	
Ppn.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				SUH	25 mi.	25 mi.	25 mi.

\bar{T} 50

HDD 15

Σ HDD 72

Σ PCN₂ 0.01

Σ PCN₃ T

TUN 45/23

TRAMOS 45/19

T_w 36

T_d 34

Friday April 4, 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. W	Temp. 72 °F	* Overnight low ~50		
Min.	44 °F	Vel. 4 m.p.h.	Read. 28.85 in.			
Set	51 °F	Char. Steady	Corr. 28.72 in.	0700	1300	1900
R.H.	61 %	24 hr. Mov. mi.	Sea L. 30.07 in.	Clds. 0/10	Clds. CLR 10	Clds. AL 1/10 CI
Ppn.	0 in.	Prev. Dir.	3 hr. Tend. 2.0 mb	Wx mild w/ haze	Wx ALMOST Summer like	Wx GREAT SUNSET
Ppn.	0 in.	Snow Depth 0 in.	Observer JEW	Vis. 15 mi.	Vis. 25 mi.	Vis. 20 mi.

$$\bar{T} = 56$$

$$HDD = 9$$

$$\Sigma HDD = 81$$

$$\Sigma PCN_L = 0.01$$

$$\Sigma PCN_S = T$$

$$T_{unv} = 50/42$$

$$T_{ramo} = 50/39$$

$$T_w = 45$$

$$T_d = 38$$

SATURDAY 5 APRIL 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. —	Temp. 73 °F			
Min.	49 °F	Vel. 0 m.p.h.	Read. 29.00 in.			
Set	51 °F	Char. CALM	Corr. 28.87 in.	0700	1300	1900
R.H.	68 %	24 hr. Mov. 74 mi.	Sea L. 30.23 in.	Clds. CS 9/10 AC	Clds.	Clds. 9/10
Ppn. Liq.	0.00 in.	Prev. Dir. W	3 hr. Tend. +2.01 mb	Wx A MILD GREY	Wx	Wx Gray + Breezy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer DAS	Vis. 25 mi.	Vis.	Vis. 15 mi.

T-61
NDD-4
ΣNDD-85
ΣPCN - 0.01
ΣPCN_s - T

TUNV - 50/35
TRAMOS - 50/34

TW-46
TJ-41

Sunday 6 April 1997 0700 EST * Meteorological Observations University Park, PA General Obs.

Temp.		Wind	Barom.	* Begin Daylight Saving Time Obs taken at 0800LT Intermittent DZ 0600-2000LT HARD OBSERVED 1400LT		
Max.	69 °F	Dir. SW	Temp. 72 °F			
Min.	48 °F	Vel. 6 m.p.h.	Read. 28.83 in.			
Set	49 °F	Char. Steady	Corr. 28.70 in.	0700	1300	1900
R.H.	66 %	24 hr. Mov. 88 mi.	Sea L. 30.06 in.	Clds. Ci 8 10 As	Clds.	Clds. ST 10 CU
Ppn.	Liq. T in.	Prev. Dir. SE	3 hr. Tend. H.0 mb	Wx Breezy + mild	Wx	Wx Windy
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer JCW	Vis. 15 mi.	Vis.	20 mi.

$$\begin{aligned}\bar{T} &= 59 \\ \text{HDD} &= 36 \\ \Sigma \text{HDD} &= 91 \\ \Sigma \text{PCN}_L &= 0.01 \\ \Sigma \text{PCN}_3 &= T\end{aligned}$$

$$\begin{aligned}T_{\text{UNV}} &= 48/41 \\ T_{\text{Ramos}} &= 47/37\end{aligned}$$

$$\begin{aligned}T_w &= 44 \\ T_D &= 38\end{aligned}$$

MONDAY 07 APRIL 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	71 °F	Dir.	W	Temp.	72 °F	* DAYLIGHT SAVINGS TIME		
Min.	48 °F	Vel.	16 m.p.h.	Read.	28.68 in.			
Set	48 °F	Char.	STEADY	Corr.	28.56 in.	0700	1300	1900
R.H.	63 %	24 hr. Mov.	148 mi.	Sea L.	29.91 in.	Clds. AC 6/10 contrails	Clds. CLR	Clds. CLR
Ppn.	0.0 in.	Prev. Dir.	SSW	3 hr. Tend.	+3.0 mb	Wx Finally NICE	Wx BRISK	Wx WINDY
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	SNA	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{F} 60
HDD 5
 Σ HDD 96

T_{UN} 47/31 T_W 41
TRAMOS 46/25 T_D 39

Σ PCN₂ 0.01

Σ PCN₃ T

TUESDAY 08 APRIL 1947 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	56 °F	Dir. W	Temp. 70 °F			
Min.	33 °F	Vel. 20 m.p.h.	Read. 28.89 in.			
Set	34 °F	Char. Steady Steady	Corr. 28.77 in.	0700	1300	1900
R.H.	45 %	24 hr. Mov. 264 mi.	Sea L. 30.17 in.	Clds. CLR	Clds. 2/10 Cu	Clds. 10/10 NS
Ppn.	0 in.	Prev. Dir. W	3 hr. Tend. 40.5 mb	Wx Windy	Wx Breezy	Wx Snow & Windy
Ppn.	0 in.	Snow Depth 0 in.	Observer SNH	Vis. 25 mi.	Vis. 25 mi.	Vis. 2 mi.

\bar{T} 45

Trans 33/11

T_0 15

HDD 20

Turb 33/20

Σ HDD 116

Σ PCN₂ 0.01

Σ PCNS T

Wednesday, 9 April, 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.				
Max.		Dir.	Temp.	-SHSN ~ 1920LT - 0000LT						
51	°F	NW	76						°F	
Min.		Vel.	Read.							
22	°F	12 m.p.h.	28.96	in.						
Set		Char.	Corr.		0700	1300	1900			
23	°F	Variable	28.83	in.						
R.H.		24 hr. Mov.	Sea L.	Clds.	Ns	Clds.	Cu	Clds.		
55	%	228 mi.	30.27	in.	3/10	Sc	3/10	Li	CLR	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Flurries	Wx	Sunny	Wx		
.03	in.	WNW	+1.7	mb		but cold		NOT		
Ppn.	Sol.	Snow Depth	Observer	Vis.	20	mi.	25	mi.	25	mi.
.3	in.	T	SAG							

$$\begin{aligned} \bar{T} &= 37 \\ HDD &= 28 \\ \Sigma HDD &= 144 \\ \Sigma PCN_2 &= .04'' \\ \Sigma PCN_5 &= .3'' \end{aligned}$$

$$\begin{aligned} T_{UNV} &= 22/12 \\ T_{RAMOS} &= 21/6 \end{aligned}$$

$$T_d = 9$$

THURSDAY 10 APRIL 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F	Dir. -	Temp. 72 °F	0800 - 0950 - SHSN			
Min. 22 °F	Vel. 0 m.p.h.	Read. 29.15 in.				
Set 24 °F	Char. CALM	Corr. 29.03 in.	0700	1300	1900	
R.H. 50 %	24 hr. Mov. 160 mi.	Sea L. 30.98 in.	Clds. CLR	Clds. 0/10	Clds. 0/10	
Ppn. T in.	Liq. WNW	Prev. Dir. +2.5/mb	3 hr. Tend. COLD	Wx CALM AND COOL	Wx SUNNY AND COOL	Wx CLR & COOL
Ppn. 1 in.	Sol. 0 in.	Snow Depth	Observer SUT	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} 30

HDD 35

Σ HDD 179

Σ PCN₂ 0.04

Σ PCN₅ 0.3

Tramos 24/8

Tonu 23/16

118

Friday 11 April 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	45 °F	Dir.	—	Temp.	72 °F	* 0700 set Temp, Overnight Low 33*		
Min.	24* °F	Vel.	∅ m.p.h.	Read.	29.18 in.			
Set	35* °F	Char.	CALM	Corr.	29.05 in.			
R.H.	40 %	24 hr. Mov.	78 mi.	Sea L.	30.46 in.	0700	1300	1900
Ppn.	∅ in.	Prev. Dir.	W	3 hr. Tend.	+2.0 mb	Clds. $\frac{10}{10}$ St	Clds. Ac 9/10 As	Clds. Ac 8/10 As
Ppn.	∅ in.	Snow Depth	∅ in.	Observer	JCW	Wx	Wx Clouds Breaking	Wx Clouds slowly Breaking
						Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

$$\bar{T} = 35$$

$$HDD = 30$$

$$\sum HDD = 209$$

$$\sum PCN_L = 0.04$$

$$\sum PCN_S = 0.3$$

$$T_{ramos} = 33/12$$

$$T_{UNU} = 33/13$$

$$T_w = 30$$

$$T_D = 13$$

1-43

HDD-22

ΣHDD-231

ΣPEN₂ - 0.04"

ΣPEN₅ - 0.3"

TRAMOS - 39/23

TUNU - 41/28

TW-32

T₂-19

SUNDAY 13 APRIL 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 51 °F	Dir. SW-NW	Temp. 72 °F	* OVERNIGHT LOW - 46 -RA 1100-1730LT -DZ/DR 1730-1930LT -SNRA 0330-0500LT COLD FROPA ~0730LT			
Min. * 39 °F	Vel. 18630 m.p.h.	Read. 28.50 in.				
Set 46 °F	Char. VARIABLE	Corr. 28.37 in.	0700	1300	1900	
R.H. 71 %	24 hr. Mov. 69 mi.	Sea L. 29.72 in.	Clds. 7/10 SC	Clds.	Clds. SC 13/10	
Ppn. Liq. 0.38 in.	Prev. Dir. SSW	3 hr. Tend. +1.3 / mb	Wx COOL WINDS BLOW	Wx	Wx over BLAA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DJS	Vis. 10 mi.	Vis. mi.	Vis. 15 mi.	

$\bar{T} - 45$
HDD - 20
 $\Sigma \text{HDD} - 251$
 $\Sigma \text{PCN}_L - 0.42''$
 $\Sigma \text{PCN}_S - 0.3''$

TRAMOS - 45/33
 $T_{UNV} - 46/41$

$T_w - 42$
 $T_d - 37$



MONDAY 14 APRIL 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	Dir.	Temp.	OCCI - SHRA ALL DAY 2120 - SHSN - OCCU - SHSN UNTIL 0000CT					
49 °F	W	72 °F						
Min.	Vel.	Read.						
32 °F	11 m.p.h.	28.94 in.	Set	Char.	Corr.	0700	1300	1900
33 °F	VARIABLE	28.82 in.	R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
60 %	218 mi.	30.23 in.	Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx
T	in.	W	T	in.	W	43.2 ↑ mb	Wx CLOUDY SUNSHINE	Wx Breezy Windy
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	25 mi.	20 mi.
T	in.	∅ in.	SNH	25 mi.	20 mi.	20 mi.		

F 41

T_{ramos} 32/17

T_D 22

HOD 24

T_{UNU} 32/24

ΣHOD 275

ΣPCN_2 0.42"

ΣPCN_3 0.3"

TUESDAY 15 APR 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	Dir.	Temp.					
53 °F	-	71 °F					
Min.	Vel.	Read.					
27 °F	0 m.p.h.	29.11 in.					
Set	Char.	Corr.		0700	1300	1900	
31 °F	CalM	28.99 in.					
R.H.	24 hr. Mov.	Sea L.		Clds.	Clds.	Clds.	
63 %	99 mi.	30.41 in.		CLR	1/10 Cu	CLR	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0 in.	0 in.	WNW	+2.0 mb	Sunshine	Mild	Mild & Moonlit	
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0 in.	0 in.	0 in.	SNH	25 mi.	25 mi.	25 mi.	

F 40

T_{unv} 32/23

T_d 20

HDD 25

T_{ramos} 34/17

ΣHDD 300

ΣPCN₂ 0.42"

ΣPCN₃ 0.3"

Wednesday April 16, 1997

0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	59 °F	Dir.	S	Temp.	72 °F	* OVRT LOW 33		
Min.	* 37 °F	Vel.	2 m.p.h.	Read.	28.94 in.			
Set	37 °F	Char.	light	Corr.	28.82 in.	0700	1300	1900
R.H.	62 %	24 hr. Mov.	51 mi.	Sea L.	30.22 in.	Clds. Hi - thin Ci Combrails	Clds. Li 1/10 Cu	Clds. Ci 10/10 cu
Ppn.	0 in.	Prev. Dir.	WSW	3 hr. Tend.	+0.5 mb	Wx Cool & Sunny	Wx SPRINKLY	Wx SPRINKLY
Ppn.	- in.	Snow Depth	- in.	Observer	SAG	Vis.	25 mi.	25 mi.

$$T = 45$$

$$HDD = 20$$

$$\Sigma HDD = 320$$

$$\Sigma PCN_L = .42''$$

$$\Sigma PCN_S = .3''$$

$$T_{UNIV} = 36/28$$

$$T_{RAMOS} = 35/22$$

$$T_a = 25$$

THURSDAY 17 APRIL 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.							
Max.	67	°F	Dir.	W-WNW	Temp.	74	°F	#0000 - 0400 LT					
Min.	35	°F	Vel.	LIGHT	Read.	28.68	in.	- RA 0700 - 0730 - RASH					
Set	42	°F	Char.	-	Corr.	28.55	in.	0700					
R.H.	85	%	24 hr. Mov.	118	mi.	Sea L.	29.92	in.	1300				
Ppn.	0.03	in.	Prev. Dir.	SW	3 hr. Tend.	-0.5	mb	0700	1900				
Ppn.	∅	in.	Snow Depth	∅	in.	Observer	SMH	15	mi.	20	mi.	25	mi.

#0000 - 0400 LT

- RA
0700 - 0730 - RASH

Clds. CU
5/10 AC
Haze

Clds. SC
8/10

Clds. ST
8/10
CU

Wx Calm
showery

Wx COOLING

Wx Cool
+ Breezy

Vis. 15 mi.

Vis. 20 mi.

Vis. 25 mi.

T 51

H00 14

ΣH00 334

ΣPCN₂ 0.45

ΣPCN₃ 0.3

T/frames 41/33

Tonu 43/39

T_w 43

1_a 39

Friday April 18, 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. W	Temp. 76 °F	OCCNL - SWSN Ovrngt.		
Min.	33 °F	Vel. 12 m.p.h.	Read. 28.47 in.			
Set	34 °F	Char. Var.	Corr. 28.33 in.	0700	1300	1900
R.H.	72 %	24 hr. Mov. 137 mi.	Sea L. 29.71 in.	Clds. 10 N.S+ 10	Clds. 9 SF 10 CU	Clds. 5/10 SL
Ppn.	T in.	Prev. Dir. NW	3 hr. Tend. 0.0 mb	Wx - SWSN	Wx Breezy w/ some sun	Wx Breezy Sunset
Ppn.	T in.	Snow Depth 0 in.	Observer JCW	Vis. 18 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 42$$

$$HDD = 23$$

$$\Sigma HDD = 357$$

$$\Sigma PCN_L = 0.45$$

$$\Sigma PCN_S = 0.3$$

$$T_{UNV} = 33/29$$

$$T_{RAMO} = 31/21$$

$$T_D \approx 25$$

SATURDAY 19 APRIL 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. N	Temp. 77 °F	OCUL - SHSN 0800 - 0930 LT		
Min.	31 °F	Vel. 3 m.p.h.	Read. 28.44 in.			
Set	31 °F	Char. G10	Corr. 28.30 in.	0700	1300	1900
R.H.	53 %	24 hr. Mov. 213 mi.	Sea L. 29.70 in.	Clds. Thin Ci 7/10 Cs	Clds.	Clds. Ci 2/10 contral
Ppn. Liq.	T in.	Prev. Dir. WNW	3 hr. Tend. +1.7 mb	Wx CHILLY FOR SPRING	Wx	Wx thund Moont Cool
Ppn. Sol.	T in.	Snow Depth 0 in.	Observer DJS	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

F-40

H01-25

E100-382

$\Sigma PCN_L - 0.45''$

$\Sigma PCN_s - 0.3''$

T_{RAMOS} - 3 1/12

T_{WU} - 3 1/19

T_d - 110

Sunday 20 April 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	56 °F	Dir. SW	Temp. 79 °F			
Min.	28 °F	Vel. 8 m.p.h.	Read. 28.62 in.			
Set	34 °F	Char. steady	Corr. 28.48 in.	0700	1300	1900
R.H.	67 %	24 hr. Mov. 74 mi.	Sea L. 29.88 in.	Clds. Ci 1/10	Clds.	Clds. CLR
Ppn.	∅ in.	Prev. Dir. NW	3 hr. Tend. ✓ +1.0 mb	Wx Bright + Cool	Wx	Wx Cool
Ppn.	∅ in.	Snow Depth ∅ in.	Observer SCW	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 42$$

$$HDD = 23$$

$$\Sigma HDD = 405$$

$$\Sigma PCN_L = 0.45''$$

$$\Sigma PCN_S = 0.3$$

$$T_{ramo} = 34/17$$

$$T_{unv} = 35/24$$

$$T_{\frac{1}{2}} \approx 24$$

MONDAY 21 April 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	61 °F	Dir.	—	Temp.	76 °F			
Min.	34 °F	Vel.	0 m.p.h.	Read.	28.78 in.			
Set	36 °F	Char.	calm	Corr.	28.66 in.	0700	1300	1900
R.H.	72 %	24 hr. Mov.	90 mi.	Sea L.	30.04 in.	Clds.	Clds. SE	Clds. ST
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	10.71 mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	SNH	Vis.	Vis.	Vis.
						20 mi.	20 mi.	25 mi.



\bar{T} 48

T_{ran-05} 37/24

T_D 26

HOD 17

T_{unv} 35/28

ΣHOD 422

ΣPCN_L 0.45

ΣPCN_S 0.3

Tuesday 22 April 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	58 °F	Dir.	-	Temp.	72 °F				
Min.	33 °F	Vel.	0 m.p.h.	Read.	28.53 in.				
Set	38 °F	Char.	Calm	Corr.	28.41 in.	0700	1300	1900	
R.H.	71 %	24 hr. Mov.	61 mi.	Sea L.	29.78 in.	Clds.	1/10 Ci	Clds.	9/10 Sc
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	-0.0 mb	Wx	Hazy Sunny	Wx	CLOUDING UP
Ppn.	0 in.	Snow Depth	0 in.	Observer	SNH	Vis.	15 mi.	Vis.	20 mi.
								Vis.	18 mi.

Clds. As
To

Wx Gray
+ Warm

\bar{T} 46

T_{trans} 39/31

T_w 39

HDD 19

T_{unc} 35/36

T_d 34

(dry BULB 42°F)

ΣHDD 441

ΣPCW_L 0.45

ΣPCW_S 0.3

Wednesday 23 April 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	Dir.	Temp.	* OVERNIGHT LOW 45 1730 - 1900 INT - DZ					
61 °F	-	72 °F						
Min.	Vel.	Read.						
38 * °F	0 m.p.h.	29.52 in.						
Set	Char.	Corr.	0700			1300		1900
45 °F	CALM	28.40 in.						
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.			
75 %	33 mi.	29.75 in.	10/10 ST	10/10 ST	19/10 ST			
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx - fog	Wx	Wx		
T in.	W		+0.5 - 1 mb	COOL	DULL	BLA		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
0 in.	0 in.		SNH	5 mi.	10 mi.	20 mi.		

\bar{T} 50

$T_{\text{trans}} \frac{45}{37}$

T_w 43

H_{D0} 15

$T_{\text{unc}} \frac{43}{41}$

T_D 39

ΣHAT 56

ΣAN_c 0.45

ΣPCN_s 0.3

THURSDAY 24 APR 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir. -	Temp. 72 °F	0830 - 1215 - 5HRA 2046 LT GAUGE EMPTIED 0.076.		
Min.	37 °F	Vel. 0 m.p.h.	Read. 28.46 in.			
Set	42 °F	Char. Calm	Corr. 28.34 in.			
				0700	1300	1900
R.H.	70 %	24 hr. Mov. 19 mi.	Sea L. 28.70 in.	Clds. ci 9/10 AC Contrails	Clds. Sc 6/10 Cb	Clds. Sc 70 Ci
Ppn. Liq.	0.07 in.	Prev. Dir. NNE	3 hr. Tend. HD - mb	Wx NOT BAD	Wx VERGA ALL QUAS	Wx Warm + Calm
Ppn. Sol.	∅ in.	Snow Depth ∅ in.	Observer SNH	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} 47
HOD 18

T_{trans} 43/35
 T_{uni} 43/41

T_w 44
 T_D 39

ΣHOD 474

ΣPCN_2 0.52

ΣPCN_5 0.3

Friday 25 April 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	61 °F	Dir.	CALM		Temp.	72 °F	- SHRA 1430-1450 LT		
Min.	37 °F	Vel.	CALM p.h.		Read.	28.86 in.			
Set	43 °F	Char.	CALM		Corr.	28.73 in.	0700	1300	1900
R.H.	65 %	24 hr. Mov.	32 mi.		Sea L.	30.09 in.	Clds. Ci Z 10	Clds. Cw 8 10	Clds. Cb 4/10 AL
Ppn.	T in.	Prev. Dir.	NNW		3 hr. Tend.	+2.0 mb	Wx Warm + Sunny	Wx Virga down valley	Wx SUNSET VIRGA ALL QUADS
Ppn.	∅ in.	Sol.	∅ in.		Snow Depth	∅ in.	Observer	Vis.	25 mi.
						JCW	Vis.	25 mi.	25 mi.

$$\bar{T} = 49$$

$$HDD = 16$$

$$\Sigma HDD = 490$$

$$\Sigma PCN_L = 0.52''$$

$$\Sigma PCN_S = 0.3$$

$$T_{ramo} = 47/30 \quad T_w = 38$$

$$T_{UNV} = 43/32 \quad T_D = 32$$

SATURDAY 26 APRIL 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	61 °F	Dir.	N-W	Temp.	72 °F	-SHRA 1245-1300LT -SHRA 1335-1355LT 14 DOWN PCN - 0.05"		
Min.	38 °F	Vel.	NEARLY CALM m.p.h.	Read.	29.08 in.	-SHRA ~ 1930LT		
Set	42 °F	Char.	VARIABLE	Corr.	28.95 in.	0700	1300	1900
R.H.	63 %	24 hr. Mov.	64 mi.	Sea L.	30.34 in.	Clds.	Clds.	Clds. C;
Ppn.	0.05 in.	Prev. Dir.	WNW	3 hr. Tend.	+2.0 mb	Wx	Wx	Wx Warm + Calm
Ppn.	0.0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.
						DOS	20 mi.	25 mi.

$\bar{T} - 50$
IND-15
ENDD-505
 $\Sigma PCN_L - 0.57''$
 $\Sigma PCN_S - 0.3''$

$T_{RAMOS} - 44/30$ $T_w - 37$
 $T_{UNV} - 44/35$ $T_d - 30$

Sunday 27 April 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. NE	Temp. 72 °F			
Min.	37 °F	Vel. 14 m.p.h.	Read. 29.00 in.			
Set	43 °F	Char. Light	Corr. 28.87 in.	0700	1300	1900
R.H.	50 %	24 hr. Mov. 56.1 mi.	Sea L. 30.24 in.	Clds. C. 3/10	Clds.	Clds. NS 10/10
Ppn.	∅ in.	Prev. Dir. NW	3 hr. Tend. 0.0 mb	Wx Bright Sunshine	Wx	Wx -RA -fog
Ppn.	∅ in.	Sol.	Snow Depth ∅ in.	Observer SCW	Vis. 25 mi.	Vis. mi. 3 mi.

$$\bar{T} = 52$$

$$HDD = 13$$

$$\Sigma HDD = 518$$

$$\Sigma PCN_L = 0.57''$$

$$\Sigma PCN_S = 0.3''$$

$$T_{ramo}$$

$$T_{UNV} \quad 45/32$$

$$T_w = 36$$

$$T_D = 25$$

F 54

HDD 12

Σ HDD 529

Σ PCN₂ 0.96"

Σ PCN₅ = 0.3

T_{unv} 46/46

T_{ramos} 44/38

T_w 48

T_o 40

(Based on Dry
BULB of 52)

TUESDAY 29 APRIL 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	Dir.	Temp.	0850LT - ~0920 -02					
56 °F	-	70 °F						
Min.	Vel.	Read.						
36 °F	0 m.p.h.	28.73 in.						
Set	Char.	Corr.	0700			1300		1900
43 °F	Calm	28.6 in.						
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	Ci		
73 %	110 mi.	29.97 in.	2/10	1/10	5/10	Full Streaks		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
T	in.	W	+2.51 mb	Bright but chilly	SUNSHINE	Beautiful Sunset		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
0	in.	0 in.	SNH	25 mi.	25 mi.	25 mi.		

\bar{T} 46

$T_{\text{trans}} 46/33$

$T_w 42$

HDD 19

$T_{\text{OAV}} 43/37$

$T_d 37$

$\Sigma \text{HDD} 548$

$\Sigma \text{PCN}_2 0.96$

$\Sigma \text{PCN}_3 0.3$

$$\bar{T} = 56$$

$$HDD = 10$$

$$\Sigma HDD = 558$$

$$\Sigma PCN_L = .96''$$

$$\Sigma PCN_S = .3''$$

$$T_{UNV} = 47/39$$

$$T_{RAMOS} = 47/32$$

$$T_w = 41$$

$$T_D = 36$$

APRIL STATS:

$$\bar{T}_{MAX} = 57.43$$

$$\bar{T}_{MIN} = 34.80$$

$$\bar{T}_{Ave} = 46.12$$