

THURSDAY 01 MAY 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. WSW	Temp. 75 °F	# OVERNIGHT LOW 59°F 0737-085 -RA			
Min. # 45 °F	Vel. 10 m.p.h.	Read. 28.38 in.				
Set 59 °F	Char. VARIABLE	Corr. 28.08 in.	0700	1300	1900	
R.H. 80 %	24 hr. Mov. M mi.	Sea L. 29.38 in.	Clds. 10/10 NS	Clds. Cu 4/10 Ci	Clds. Sc cu 10/10	
Ppn. Liq. 0.02 in.	Prev. Dir. S	3 hr. Tend. -1.0 Lmb	Wx -RA	Wx VERY WINDY	Wx Windy & Cool	
Ppn. Sol. 1 FLY 0 in.	Snow Depth 0 in.	Observer SNH	Vis. 15 mi.	Vis. 20 mi.	Vis. 25 mi.	

T 62
HOD 3
ΣHOD 3

Tramos 58/46
Tunu 61/51

T₂ 57
T₂ 53

ΣPCN₂ 0.02

Friday 02 May 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	WNW	Temp.	72 °F	- SHRA OBS - 0915 FROPA 1400 LT FAT GUSTS 50L 1400-1900 - RA 2105 - 0200 LT		
Min.	39 °F	Vel.	6 m.p.h.	Read.	28.85 in.			
Set	45 °F	Char.	Var	Corr.	28.72 in.			
R.H.	60 %	24 hr. Mov.	270 mi.	Sea L.	30.09 in.	0700	1300	1900
Ppn.	0.04 in.	Prev. Dir.	SW	3 hr. Tend.	1.0 mb	Clds.	Clds. Li	Clds. AC
						0 10	8 10 THIN	7 10 CC
Ppn.	0 in.	Snow Depth	0 in.	Observer	JLW	Wx	Wx	Wx
						Bright + Breezy	Dull Sun mild	JUST ALL AND MILD
						Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

\bar{T} 56

T_{ramo} 44/24

T_w 40

HDD 9

T_{unw} 43/31

T_D 32

ΣHDD 12

$\Sigma PCN_L = 0.06$

SATURDAY 3 MAY 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	66 °F	Dir.	S	Temp.	74 °F	* OVERNIGHT LOW-53 OCNL -SITRA 0130-0600LT		
Min.	45 * °F	Vel.	5 m.p.h.	Read.	28.47 in.			
Set	53 °F	Char.	LIGHT	Corr.	28.34 in.	0700	1300	1900
R.H.	88 %	24 hr. Mov.	72 mi.	Sea L.	29.68 in.	Clds.	Clds.	Clds.
						10/10 SC		9/10 cu
Ppn.	0.19 in.	Prev. Dir.	SSE	3 hr. Tend.	3.0 mb	Wx	Wx	Wx Windy + chilly
						MOIST		
Ppn.	- in.	Snow Depth	- in.	Observer	DAS	Vis.	Vis.	Vis.
						15 mi.	mi.	25 mi.

T-56

H00-59

E100-21

EPN₂ - 0.25"

Tamos - 50/42

Tuvu - Missing

TW-50

T₃-48

Sunday 4 May 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. SSW	Temp. 72 °F	+TSRA 1354-1406LT +TSRA 1630-1700LT PK GUST 69mph 1354LT 72mph 1637LT Pen size Hail 1357-1400LT			
Min. 41 °F	Vel. 20-25m.p.h.	Read. 28.73 in.				
Set 43 °F	Char. Variable	Corr. 28.60 in.	0700	1300	1900	
R.H. 67%	24 hr. Mov. 222 mi.	Sea L. 29.96 in.	Clds. To AS	Clds.	Clds. To AS	
Ppn. 0.46 in.	Liq. WSW	Prev. Dir.	3 hr. Tend. +2.0 mb	Wx Cool + Breezy w/ Haze in 4/6	Wx	Wx Warm + Clear
Ppn. ∅ in.	Sol. ∅ in.	Snow Depth ∅ in.	Observer JCW	Vis. 18 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 56$$

$$HDD = 9$$

$$\Sigma HDD = 30$$

$$\Sigma PCNL = 0.71''$$

$$T_{ramo} = 42/25$$

$$T_{UNV} = 45/28$$

$$T_w = 39$$

$$T_D = 33$$

Monday 5 May 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	59 °F	Dir.	W	Temp.	72 °F		
Min.	37 °F	Vel.	9 m.p.h.	Read.	28.96 in.		
Set	44 °F	Char.	Steady	Corr.	28.83 in.		
R.H.	49 %	24 hr. Mov.	154 mi.	Sea L.	0700	1300	1900
Ppn.	∅ in.	Prev. Dir.	W	3 hr. Tend.	Clds. 0 CLR	Clds.	Clds. ST 10 SC
Ppn.	∅ in.	Snow Depth	∅ in.	Observer	Wx Clear + Breezy	Wx	Wx breezy
				Observer	Vis. 25 mi.	Vis.	Vis. 25 mi.

$\bar{T} = 48$

HDD = 17

$\Sigma \text{HDD} = 47$

$\Sigma \text{PCN}_L = 0.71''$

T_{ramo} 43/22

T_{unv} 46/30

T_w = 37

T_D = 26

Tuesday 6 May

1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 68 °F	Dir. W	Temp. 74 °F	* Overnight LOW 56 °F 2200 LT - ~0000 LT - RA 0000 LT - 0330 LT OCCI - SHRA				
Min. 44 * °F	Vel. 12.620 m.p.h.	Read. 28.55 in.					
Set 56 °F	Char. Gusty	Corr. 28.42 in.	0700	1300	1900		
R.H. 66 %	24 hr. Mov. 168 mi.	Sea L. 29.74 in.	Clds. CU 10 CB 10 Bknoc	Clds.	Clds. As 7 Ac		
Ppn. .01 in.	Liq. Prev. Dir. WSW	3 hr. Tend. -1.0 mb	Wx -RA	Wx	Wx Cool & Breezy		
Ppn. Ø in.	Sol. Snow Depth Ø in.	Observer JMJ	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.		

F 56

Tuvu
Tramos

TW=51
TD=45

H00 9

ΣH00 56

ΣPCN₂ 0.72

ΣPCN₃ 0.00

Wednesday May 7, 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	59 °F	Dir.	WNW	Temp.	0830 LT - 0945 - RA		
					0851 LT - TSRA		
Min.	37 °F	Vel.	106/18 m.p.h.	Read.	0910-0917 + TSRA. GR (Pen S:2e) 1k gust		
					58 mph @ 0910 LT		
Set	41 °F	Char.	Variable (busty)	Corr.	0700		
					1300		
R.H.	33 %	24 hr. Mov.	194 mi.	Sea L.	1900		
					Clds.	Clds.	Clds.
					CLR	3/10 CU	0/10
Ppn.	Liq. 0.18" in.	Prev. Dir.	SSW	3 hr. Tend.	Wx Sunny, Bristk, Cool	Wx	Wx Clear + somewhat cool
						Bristk	
Ppn.	Sol.	Snow Depth	Observer	Vis.	25 mi.	25 mi.	25 mi.
	- in.	- in.	SAG				

$$\bar{T} = 48$$

$$HDD = 17$$

$$\Sigma HDD = 73$$

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

$$T_{UNV} = 40/21$$

$$T_{RAMOS} = 39/14$$

$$T_w = 32$$

$$T_D = 14$$

THURSDAY 8 MAY 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	57 °F	Dir.	CALM	Temp.	74 °F			
Min.	34 °F	Vel.	0 m.p.h.	Read.	29.01 in.			
Set	41 °F	Char.	CALM	Corr.	28.88 in.			
R.H.	46 %	24 hr. Mov.	106 mi.	Sea L.	30.27 in.	0700	1300	1900
Ppn.	0.00 in.	Prev. Dir.	NW	3 hr. Tend.	-0.1 mb	Clds. <i>thin CS</i> 10/10	Clds. <i>10/50</i>	Clds. <i>50</i> 10/10 25
Ppn.	- in.	Snow Depth	- in.	Observer	DAS	Wx <i>LOW HAZE</i> <i>AT BASE OF</i> <i>NETTANY</i>	Wx <i>Chilly</i>	Wx <i>-DE</i> <i>BLAA</i>
				Observer	DAS	Vis.	25 mi.	15 mi.
				Observer	DAS	Vis.	15 mi.	20 mi.

T-46

HAA-19

ΣHAA-92

ΣPCN-0.90"

T Ramos - 40/19

T UNV - 41/26

TW-34

T₂-22

Friday 9 May 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	56 °F	Dir.	CALM	Temp.	-PE 1400LT OCCNL DZ and SHRA overnight * min set at 0100. Time yesterday overnight low ~45			
Min.	41* °F	Vel.	CALM m.p.h.	Read.				28.66 in.
Set	48 °F	Char.	CALM	Corr.				28.53 in.
R.H.	80 %	24 hr. Mov.	26 mi.	Sea L.	0700	1300	1900	
Ppn.	0.05 in.	Prev. Dir.	S	3 hr. Tend.	10 st 10	8/10 CB, CA	9/10 AC	
Ppn.	T in.	Snow Depth	0 in.	Observer	Wx Fog in Valley	Wx SHRA SW	Wx Cool Breeze	
					Vis.	Vis.	Vis.	
					6 mi.	25 mi.	25 mi.	

\bar{T} 49

HDD 16

Σ HDD=108

Σ PCN_L-0.95"

Σ PCN_S-T

T_{crmo} 46/38

T_D 42

T_{UNV} 47/47

SATURDAY 10 MAY 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	61 °F	Dir.	W-NW	Temp.	74 °F	+TSRA / GR ~1155-1205 LT		
Min.	42 °F	Vel.	18624 m.p.h.	Read.	28.63 in.	-SRA 1424-1515 LT 1600 LT P/N - 0.30" OCNL - SRA 1515-0400 LT		
Set	42 °F	Char.	VARIABLE	Corr.	28.50 in.	0700	1300	1900
R.H.	76 %	24 hr. Mov.	169 mi.	Sea L.	29.87 in.	Clds.	Clds.	Clds.
Ppn.	0.30 in.	Prev. Dir.	W	3 hr. Tend.	+1.0 / mb	10/10 SC	10/10 SC	10/10 NS
Ppn.	- in.	Snow Depth	- in.	Observer	DDS	Wx A TAO BRISK	Wx YUK	Wx -DZ
						Vis.	Vis.	Vis.
						25 mi.	20 mi.	20 mi.

F-52
H00-13
Σ H00-121
Σ PCN_L - 1.25"
Σ PCN_S - T

T_{RAMOS} - 40/26
T_{UNU} - 42/36

T_w - 39
T_d - 35

SUNDAY 11 MAY 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	48 °F	Dir.	W	Temp.	72 °F	OCCI - 02 ALL DAY			
Min.	40 °F	Vel.	10 m.p.h.	Read.	28.81 in.				
Set	44 °F	Char.	STEADY	Corr.	28.69 in.	0700	1300	1900	
R.H.	73 %	24 hr. Mov.	176 mi.	Sea L.	30.05 in.	Clds.	CLR	Clds.	
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+1.05 mb	Wx	Haze	Wx	
Ppn.	∅ in.	Snow Depth	∅ in.	Observer	SNH	Vis.	20 mi.	Vis.	
								Vis.	25 mi.

Clds.
5/10
Wx
Mist
SKY

T 44

Tramos 43/25

T_ω = 41

HOD 21

T_ω 45/34

T_ω 36

ΣHOD 142

ΣPCN₂ 1.25

ΣPCN₃ T

MONDAY 12 MAY 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 65 °F	Dir. S	Temp. 71 °F	* ONNT LOW ST					
Min. 44 °F	Vel. 12 m.p.h.	Read. 28.52 in.						
Set 59* °F	Char. GUSTY	Corr. 28.39 in.	0700			1300		1900
R.H. 36 %	24 hr. Mov. 131 mi.	Sea L. 29.70 in.	Clds. 2/10 As	Clds. 10/10 Ns	Clds. 10/10 Ns			
Ppn. 0.00 in.	Liq. Prev. Dir. WSW	3 hr. Tend. -1.3 mb	Wx PLEASANT	Wx OCCL -54AA	Wx VIRGA -54AA			
Ppn. 0.0 in.	Sol. Snow Depth - in.	Observer WJS	Vis. 25 mi.	Vis. 20 mi.	Vis. 25 mi.			

$$\bar{T} = 55$$

$$H_{30} = 10$$

$$\sum H_{30} = 152$$

$$\sum PCN_L = 1.25$$

$$\sum PCN_S = T$$

$$T_{RAMOS} = 58/29$$

$$T_{UNV} = 57/35$$

$$T_w = 48$$

$$T_D = 34$$

TUESDAY 13 MAY 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	68 °F	Dir.	—	Temp.	71 °F	-SHRA 1245-1575, 1640-1655, 2030-0015		
Min.	47 °F	Vel.	0 m.p.h.	Read.	28.61 in.			
Set	48 °F	Char.	CALM	Corr.	28.49 in.	0700	1300	1900
R.H.	86 %	24 hr. Mov.	117 mi.	Sea L.	29.84 in.	Clds.	Clds.	Clds.
Ppn.	0.11 in.	Prev. Dir.	SW	3 hr. Tend.	+0.57 mb	10/10 NS	10/10 NS, CS, SC	7/10 CB
						Wx HAZE	Wx MORE	Wx
						WVA MARS	VIRGA	VIRGA
Ppn.	0.0 in.	Sol.	— in.	Snow Depth	— in.	Observer	WJS	
						Vis.	20 mi.	25 mi.
						Vis.	25 mi.	25 mi.

$$\bar{T} = 58$$

$$H_{20} = 7$$

$$\Sigma H_{20} = 159$$

$$\Sigma PCN_L = 1.36$$

$$\Sigma PCN_S = T$$

$$T_{PMOS} = 46/34$$

$$T_{NM} = 48/46$$

$$T_w = 48$$

$$T_D = 46$$

Wednesday 14 May 1977 700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. WSW	Temp. 72 °F	ASRA 2115-2145			
Min. 41 °F	Vel. 10 m.p.h.	Read. 28.69 in.				
Set 45 °F	Char. STEADY	Corr. 28.57 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. 41 mi.	Sea L. 29.93 in.	Clds. G. 7/10 25	Clds. C, S, O. 9/10 50	Clds. AC 9/10 50	
Ppn. Liq. 0.03 in.	Prev. Dir. S	3 hr. Tend. +1.51 mb	Wx CLIMY	Wx DULL	Wx Grey	
Ppn. Sol. 0.0 in.	Snow Depth — in.	Observer SNH	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

\bar{T} 50

T_{ramos} 45/30

T_w 44

HOD 15

T_{onu} 45/41

T_d 40

ΣHOD 174

ΣPCN_c 1.39

ΣPCN_s T

THURSDAY 15 MAY 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	62 °F	Dir.	W/WOSW	Temp.	70 °F	* OVERNIGHT LOW 50 ~ 0000-0020 LT - SHRA ~ 0115-0130 LT - SHRA ~ 0230-0245 LT - SHRA		
Min.	45 °F	Vel.	20 m.p.h.	Read.	29.53 in.			
Set	51 °F	Char.	GUSTY	Corr.	29.41 in.			
R.H.	65 %	24 hr. Mov.	98 mi.	Sea L.	29.73 in.	0700	1300	1900
Ppn.	0.08 in.	Prev. Dir.	SSW	3 hr. Tend.	+1.5 mb	Clds.	Clds.	Clds.
						CU 1/10 SC AL	6/10 CU	CU AS CI
						Wx	Wx	Wx
						BUSY Haze	WINDY	CALMING WINDS
Ppn.	0 in.	Snow Depth	- in.	Observer	5NH	Vis.	Vis.	Vis.
						20 mi.	25 mi.	25 mi.

\bar{T} 54

T_{ramos} 50/33

T_w 47

H00 11

T_{unv} 50/45

T_a 40

ΣH_{00} 185

ΣPCN_2 1.47

ΣPCN_3 T

FRIDAY 16 MAY 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	61 °F	Dir.	W	Temp.	71 °F			
Min.	41 °F	Vel.	25.635 m.p.h.	Read.	28.67 in.			
Set	42 °F	Char.	GUSTY	Corr.	28.55 in.	0700	1300	1900
R.H.	85 %	24 hr. Mov.	246 mi.	Sea L.	29.92 in.	Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	WSW	3 hr. Tend.	+30 mb	Wx	Wx	Wx
Ppn.	∅ in.	Snow Depth	- in.	Observer	SNH	Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

no sc
rain
BLUERY
MORE WIND!
FLY A KITE

F 51

Tramos 41/26

Tw 40

HOD 14

Tunu 43/36

Td 37

ΣHOD 199

ΣPCN₂ 1.47

ΣAN₃ T

SATURDAY 17 MAY 1977 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	56 °F	Dir.	SW-WSW	Temp.	72 °F	* OVERNIGHT LOW 44		
Min.	42 * °F	Vel.	19 m.p.h.	Read.	28.72 in.			
Set	49 °F	Char.	STEADY	Corr.	28.60 in.	0700	1300	1900
R.H.	56 %	24 hr. Mov.	197 mi.	Sea L.	29.94 in.	Clds. ST 10/10 NS	Clds. CU 10/10 SC	Clds. AC 1/10 AS
Ppn.	7 in.	Prev. Dir.	W	3 hr. Tend.	-1.3 mb	Wx	Wx	Wx
						FEW SPARKS	DULL	BRIGHT SUNSET
Ppn.	0 in.	Snow Depth	- in.	Observer	SNH	Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

\bar{f} 49

ADD 16

SADD 215

ΣRN_2 1.47

ΣRN_3 T

Tramos 48/28

Tonu 42/35

Tu 44

Tu 35

SUNDAY 18 MAY 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. -	Temp. 72 °F	-02 AT 08 17 MAY 1997		
Min.	39 °F	Vel. 0 m.p.h.	Read. 28.82 in.			
Set	44 °F	Char. CALM	Corr. 28.70 in.			
R.H.	70 %	24 hr. Mov. 1.35 mi.	Sea L. 30.07 in.	0700	1300	1900
Ppn.	7 in.	Prev. Dir. WSW	3 hr. Tend. 11.05 mb	Clds. 10/10 ST Wx CALM HAEC	Clds. CLR Wx BKN HAEC	Clds. 51 10/10 CU Wx HAEC
Ppn.	0 in.	Snow Depth - in.	Observer SNH	Vis. 20 mi.	Vis. 25 mi.	Vis. 15 mi.

\bar{F} 53

T_{ramos} 42/27

T_w 41

HOD 12

T_{unu} 43/37

T_d 35

ΣHOD 227

ΣPCN_2 1.47

ΣPCN_5 T

MONDAY 19 MAY 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	71 °F	Dir.	SW-WSH	Temp.	74 °F	ROVERNISLT LOW 61		
Min.	44 °F	Vel.	20 m.p.h.	Read.	28.61 in.	2046 LT - 2230 LT TSRA		
Set	66 °F	Char.	STEADY	Corr.	28.58 in.	0700	1300	1900
R.H.	63 %	24 hr. Mov.	78 mi.	Sea L.	29.88 in.	Clds. CU CB 9/10 SC (200) ST	Clds. CU 7/10	Clds. CB 19/10
Ppn.	0.53 in.	Prev. Dir.	SW	3 hr. Tend.	+2.0 mb	Wx	Wx WARM Hazy	Wx -TSRA
Ppn.	0 in.	Snow Depth	- in.	Observer	SNH	Vis.	20 mi.	15 mi.
						Vis.	15 mi.	5 mi.

F 58

H00 7

T_{10ms} 65/48
T_{unv} 65/60

T_w 62
T_d 54

ΣH00 234

ΣPCN₂ 2.00

ΣPCN₅ T

TUESDAY 20 MAY 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. NNW	Temp. 68 °F	1923-1955 LT TSRA WITH +TSRA MAX GUST 70 MPH		
Min.	48 °F	Vel. 10 m.p.h.	Read. 28.81 in.	1955-2022 - TSRA 2000 LT GAUGE EMPTIED 0.58"		
Set	48 °F	Char. STEADY	Corr. 28.78 in.	0700	1300	1900
R.H.	70 %	24 hr. Mov. 149 mi.	Sea L. 30.15 in.	Clds. CU 7/10 AC	Clds. 3/10 CU	Clds. 3/10 CU
Ppn.	Liq. 0.66 in.	Prev. Dir. SW	3 hr. Tend. +3.0/mb	W/PLEASANT BRISK	Wx NICE	Wx "Rising moon" "A RISING"
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
	0 in.	- in.	SNH	25 mi.	25 mi.	25 mi.

T 65
DD O

Tramos 46/28
Tunu 50/42

Tw 44
Tu 38

ΣH00 234

ΣPCN₂ 2.66

ΣPCN₃ T

GENERAL OBS.

~0100-0115 -SHRA

WEDNESDAY 21 MAY 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	62 °F	Dir.	NW	Temp.	68 °F			
Min.	42 °F	Vel.	7 m.p.h.	Read.	28.84 in.			
Set	46 °F	Char.	Variable	Corr.	28.73 in.	0700	1300	1900
R.H.	72 %	24 hr. Mov.	81 mi.	Sea L.	30.09 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1.01 mb	Wx	Wx Breezy - Cool	Wx Still Chilly
Pptl.	0 in.	Snow Depth	- in.	Observer	SNH	Vis.	25 mi.	25 mi.
						25 mi.	25 mi.	25 mi.

F 52

Trans 44/27
Tun 45/37

Tw 42
Td 37

HDD 13

Σ HDD 247

Σ PCN₂ 2.66

Σ PCN₃ T

THURSDAY 22 MAY 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	57 °F	Dir.	NW	Temp.	66 °F			
Min.	41 °F	Vel.	18 m.p.h.	Read.	28.97 in.			
Set	44 °F	Char.	STEADY	Corr.	28.86 in.	0700	1300	1900
R.H.	50 %	24 hr. Mov.	155 mi.	Sea L.	30.24 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	NW	3 hr. Tend.	+0.5 mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	- in.	Observer	SNH	Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.



T 49

T_{trans} 43/24

T_u 43

T_d 35

HDD 16

T_{uni} 44/35

Σ HDD 263

Σ PCN₂ 2.66

Σ PCN₃ T

FRIDAY 23 MAY 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	°F	Dir.	Temp.			
62	°F	NW	66			
Min.	°F	Vel.	Read.			
41	°F	56 ¹⁰ m.p.h.	29.11 in.			
Set	°F	Char.	Corr.	0700	1300	1900
45	°F	Variable	29.00 in.			
R.H.	%	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
60	%	138 mi.	30.38 in.	CLR	3/10 ST	CLD: CS 1/10 LWS. CLOUDS
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0	in.	NW	+1.8 mb	BRISK	NICE	MILD SUN DAYS
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	— in.	SNH	25 mi.	25 mi.	25 mi.

T 52

HDD 13

ΣHDD 276

ΣPCN₂ 2,66

ΣPCN₃ RT

T_{trans} 43/24

T_{unw} 45/35

T_w 42

T_d 35

Saturday 24 May 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.		Dir.	Temp.	* OVERCAST LOW 49					
70	°F	-	68						°F
Min.	*	Vel.	Read.						
45	°F	0 m.p.h.	28.97 in.						
Set		Char.	Corr.	0700	1300	1900			
50	°F	CALM	28.96 in.						
R.H.		24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.			
45	%	35 mi.	30.23 in.	6'			4/10 AL		
				No clouds					
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx			
0	in.	WNW	10.1-mb	NICE			TEMPIL		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.			
0	in.	- in.	SNH	25 mi.			mi.	25 mi.	

F 58

T_{ramas} 53/34

T_w 49

H007

T₀₀₀ 51/42

T₀ 35

ΣHDD 283

ΣPEN₂ 2.66

ΣPEN₃ T

SUNDAY 25 MAY 1987

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. /	Temp. 67 °F	# OVERNIGHT LOW 52 0130LT - OBSN - RA			
Min. 50 °F	Vel. 0 m.p.h.	Read. 29.64 in.				
Set 56 °F	Char. CALM	Corr. 28.53 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. 43 mi.	Sea L. 29.86 in.	Clds. 10/10 NS	Clds.	Clds. 10/10 NS	
Ppn. Liq. 0.59 in.	Prev. Dir. SSW	3 hr. Tend. -1.0 mb	Wx -RA FOG	Wx	Wx -RA/FG	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SNH	Vis. 1/2 mi.	Vis. mi.	Vis. 2 mi.	

F 64

Trans. 53/44

T_w 56

H00 1

T_{unw} 56/55

T_o 56

ΣHDD 284

ΣPCN₂ 3.25

ΣPCN₃ T

Monday 26 May 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 57 °F	Dir. NNE	Temp. 68 °F	0800LT → 2000LT -RA, OCC RA			
Min. 47 °F	Vel. 10 m.p.h.	Read. 28.75 in.				
Set 47 °F	Char. variable	Corr. 28.63 in.	0700	1300	1900	
R.H. 56 %	24 hr. Mov. 32 mi.	Sea L. 29.96 in.	Clds. 1/10 Ci-Ls	Clds. CLR	Clds. Ci 4/10 Cs	
Ppn. 1.03 in.	Liq. in.	Prev. Dir. NNE	3 hr. Tend. 1x1.7 mb	Wx CRISP & refreshing	Wx PRASCT Breezy	
Ppn. 0 in.	Sol. in.	Snow Depth - in.	Observer SOH / SMT	Vis. 25 mi.	Vis. 25 mi.	

\bar{T}_E 52

TRAMOS 47/31

T_w 44

HDD 13

T_{unv} 47/41

T_D 36

Σ HDD 297

Σ PCN_L 4.28

Σ PCN_S T

Tuesday 27 MAY 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	65 °F	Dir.	NNE	Temp.	66 °F	* WET BULB UNAVAILABLE DUE TO PSYCHROMETER BREAKAGE					
Min.	40 °F	Vel.	8 m.p.h.	Read.	29.07 in.						
Set	45 °F	Char.	STEADY	Corr.	28.96 in.						
R.H.	73 %	24 hr. M6v.	M mi.	Sea L.	30.34 in.	0700	1300	1900			
Clds.	CIR	Clds.	1/10 Cu	Clds.	Clr.						
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	+3.0 / mb	Wx	SPARKLING BUT COOL	Wx	BRILLIANT	Wx	pleasant
Ppn.	0 in.	Sol.	- in.	Snow Depth	- in.	Observer	SNH	Vis.	25 mi.	Vis.	25 mi.
Vis.	25 mi.	Vis.	25 mi.	Vis.	25 mi.						

\bar{T} 53

T_{ranos} 46/29

\bar{T} 37

HOD 12

T_{un} 45/37

Σ HOD 309

Σ PCN₂ 4.28

Σ PCN₃ T



Wednesday 28 May 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.	65 °F	Dir.	/	Temp.	68 °F				
Min.	42 °F	Vel.	0 m.p.h.	Read.	29.24 in.				
Set	50 °F	Char.	calm	Corr.	29.13 in.	0700	1300	1900	
R.H.	68 %	24 hr. Mov.	M mi.	Sea L.	30.51 in.	Clds.	2/10 Ci	Clds. -Ci 9/10 ca	Clds. 5/10 Ci
Ppn.	∅ in.	Prev. Dir.	M	3 hr. Tend.	+2.1 / mb	Wx	Beautiful	Wx	BIT O' MORE
Ppn.	∅ in.	Snow Depth	∅ in.	Observer	JMJ	Vis.	25 mi.	Vis.	25 mi.
						Vis.	25 mi.	Vis.	25 mi.
						Wx	peaceful		

\bar{T} 54

HDD 11

Σ HDD 320

Σ PCN_L 4.28

Σ PCN_S T

Tramos 53/33

T_w 46

T_{unv} 49/42

T_D 41

Thursday 29 May 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.			Dir.		Temp.			
71	°F		variable		71	°F		
Min.			Vel.		Read.			
47	°F		1	m.p.h.	29.16	in.		
Set			Char.		Corr.		0700	1300
51	°F		light breeze		29.04	in.		1900
R.H.			24 hr. Mov.		Sea L.		Clds.	Clds.
74	%		49	mi.	30.41	in.	5/10 Cc	9/10 Ac
Ppn.	Liq.		Prev. Dir.		3 hr. Tend.		Wx	Wx
∅	in.		SSE		0.0 - mb		tranquil	clouds moving in
Ppn.	Sol.		Snow Depth		Observer		Vis.	Vis.
∅	in.		∅	in.	JMJ		25	mi.
							25	mi.
								20
								mi.

Clds. 5/10 NS

Wx - RA HAZE

\bar{T} 59

HDD 6

Σ HDD 326

Σ PCNL 4.28

Σ PCNs T

Tramos 52/33

Tuvv 50/44

T_w 47

T_D 43

FRIDAY 30 MAY 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	65 °F	Dir.	SSW	Temp.	1930LT → OBS CUL -02		
				69 °F	2100LT → 2145LT -SHRA		
Min.	51 °F	Vel.	5 m.p.h.	Read.	~0200LT → 0300LT -SHRA		
				29.04 in.			
Set	55 °F	Char.	Steady	Corr.			
				28.92 in.			
R.H.	90 %	24 hr. Mov.	105 mi.	Sea L.	0700	1300	1900
				30.27 in.	Clds. SC	Clds. SC	Clds. SC
Ppn.	0.08 in.	Prev. Dir.	SSE	3 hr. Tend.	10/10	9/10	14/10 AC
				-0.0 mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	— in.	Observer	Fog	Muggy	BIMBOUC HARE
				ASD	Vis.	Vis.	Vis.
					10 mi.	17 mi.	15 mi.

$\bar{T} = 58$

$H_{00} = 7$

$\Sigma H_{00} = 333$

$\Sigma PCN = 4.36$

$\Sigma PCN = T$

$T_{AND} = 54/54$

$T_{RAMOS} = 53/42$

$T_0 = 54$

$T_d = 52$

SATURDAY 31 MAY 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	70 °F	Dir.	-	Temp.			
				68 °F			
Min.	54 °F	Vel.	0 m.p.h.	Read.			
				28.94 in.			
Set	59 °F	Char.	CalM	Corr.			
				28.82 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov.	43 mi.	Sea L.	Clds. Ac	Clds.	Clds. 10/10 Ns
				30.15 in.	-X w		
Ppn.	T in.	Prev. Dir.	SSE	3 hr. Tend.	Wx	Wx	Wx
				10.5 mb	FOG		Drizzle
Ppn.	0 in.	Snow Depth	- in.	Observer	Vis.	Vis.	Vis.
				SNH	< 1/2 mi.	mi.	~10 mi.

\bar{T} 62

T_{trans} 59/48

T_w 58

HDD 3

T_{un} 56/55

T_d 54

Σ HDD 336

TOTAL STATISTICS FOR MAY

Σ PCN₂ 4.36

\bar{T}_{high} 64.68°

Σ PCN₂ 4.36

Σ PCN₃ T

\bar{T}_{low} 43.10°

Σ PCN₃ T

\bar{T}_{month} 53.89°

Σ HDD 336

dePART(101) -5.13°

Σ COO 0