

1 JUNE 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	76 °F	Dir.	NNE	Barom.	Temp.			
Min.	56 °F	Vel.	2 m.p.h.	Read.	28.84"			
Set	63 °F	Char.	Light	Corr.	28.72"			
R. H.	84 %	24 hr. Mov.	56	Sea L.	30.04"	0700	1300	1900
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	± 00 -	Clds. 10/10	Clds.	Clds.
		Snow Depth	- in.	Observer	6BF	Wx	Wx	Wx
				Vis.	1 mile	Fog, Haze	Vis.	Vis.

PEAK GUST - 12 kts Z.P.M EST  
DEW PT - 58° (Walker)



Dewpt 61° (walker) 62 (Deike)

Peak Gust - 5 Kts 0145 EST

3 JUNE 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	81 °F	Dir.	NW	Barom.	Temp.	Valley fog		
Min.	60 °F	Vel.	2 m.p.h.	Read.	28.84"			
Set	63 °F	Char.	Light	Corr.	28.71"			
R. H.	78 %	24 hr. Mov.	77	Sea L.	30.03"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+0.02 /	Clds. 10/10 Cirrocumulus Some stratus	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	CBF	Wx	Wx	Wx
						Cloudy	Vis.	Vis.
							3 miles	

PEAK GUST - 15 kts 2:45 EST  
P.M.

Dew Pt - 56° (walker)

June 4 1979

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	67 °F	Dir.	-	Temp.	68	Dense fog		
Min.	50 °F	Vel.	calm	Read.	28.74			
Set	53 °F	Char.	-	Corr.	28.62			
R. H.	85 %	24 hr. Mov.	50	Sea L.	29.98	0700	1300	1900
Ppn. Liq.	.01 in.	Prev. Dir.	SSE	3 hr. Tend.	0.0mb-	Clds. 10/10 stratus	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	TNC	Wx Dense fog	Wx	Wx
				Vis.	3/4 mi	Vis.	Vis.	Vis.

Depth 49 (Deike) 48 (walker)

PK. wind 9 Knts 1:55 pm



JUNE 5, 1979

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind	Barom.	Valley Haze Hazy sunshine Building cu west		
Max.	82 °F	Dir. SW	Temp. 74			
Min.	52 °F	Vel. 4 m.p.h.	Read. 28.63			
Set	63 °F	Char. light	Corr. 28.50			
R. H.	62 %	24 hr. Mov.	Sea L.	0700	1300	1900
		61	29.82	Clds. 4/10 Circus Cumulus	Clds.	Clds.
Ppn.	Liq. 0 in.	Prev. Dir. SW	3 hr. Tend.	Wx	Wx	Wx
			-0.2 L			
Ppn.	Sol. — in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		— in.	TNC	7 mi		

Dewpt 51 (Deike) 48 (walker)

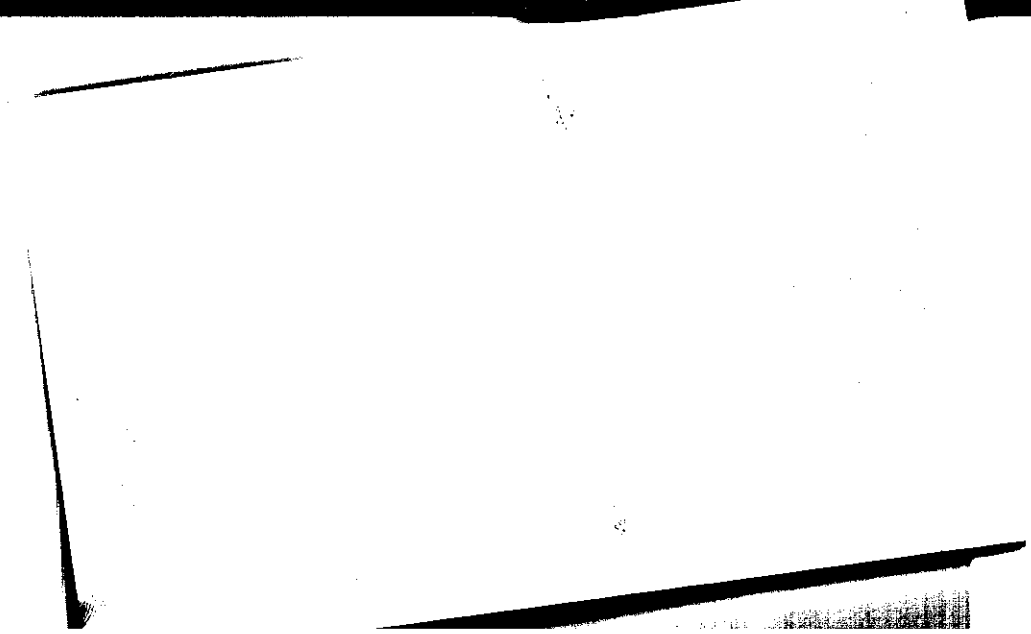
Peak wind 11 Kts 1:35 PM

Max temp on walker 78

min temp ' ' 57

JUNE 6, 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	81 °F	Dir.	NW	Barom.	Temp.			
Min.	56 °F	Vel.	0 m.p.h.		65 °F			
Set	56 °F	Char.	—	Read.	28.73			
R. H.	72 %	24 hr. Mov.	92	Corr.	28.62			
Ppn. Liq.	T in.	Prev. Dir.	SW	Sea L.	29.96	0700	1300	1900
Ppn. Sol.	— in.	Snow Depth	— in.	3 hr. Tend.	+0.5/	Clds.	Clds.	Clds.
				Observer	DRJ	Wx	Wx	Wx
				Vis.	1 1/2 mi	Wx	Wx	Wx
						Vis.	Vis.	Vis.



JUNE 7, 1979

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		Fog - sky obscured					
Max.	71 °F	Dir.	—	Temp.	67						
Min.	56 °F	Vel.	CALM m.p.h.	Read.	28.85						
Set	62 °F	Char.	—	Corr.	28.74						
R. H.	77 %	24 hr. Mov.	32	Sea L.	30.06	0700	1300	1900			
Ppn.	.02 in.	Prev. Dir.	NE	3 hr. Tend.	+2.0mb ✓	Clds. 10/10 stratus	Clds.	Clds.			
Ppn.	— in.	Snow Depth	— in.	Observer	TNC	Wx Foggy	Wx	Wx			
				Vis.	3/4 mi	Vis.	Vis.	Vis.			

Dewpt 50 (Dike) 57 (walker)

Peak wind 07 3:40 PM

8 JUNE 1979

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		0700 EST		Barom.		
Max.	83 °F	Dir.	S	Temp.	74	Haze Heavy rain 18-2000		
Min.	62 °F	Vel.	5 m.p.h.	Read.	28.95"			
Set	74 °F	Char.	MODERATE	Corr.	28.82"			
R. H.	71 %	24 hr. Mov.	100	Sea L.	30.12"			
Ppn.	T in.	Prev. Dir.	S.	3 hr. Tend.	+04 /	0700	1300	1900
Ppn.	- in.	Snow Depth	- in.	Observer	GBF	Clds. 9/10 Stratus Alto Stratus	Clds.	Clds.
						Wx Mostly Cloudy	Wx	Wx ∴
						Vis. 6 miles	Vis.	Vis.

PEAK GUST - 16kts 4:40 EST (P.M.)

DEWPT - 64°F (Walker)



JUNE 9, 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	82 °F	Dir.	SW	Barom.	Temp.	Dense Fog Visibility lowering		
Min.	68 °F	Vel.	1	Read.	71			
Set	69 °F	m.p.h.	—	Corr.	28.95			
R. H.	92 %	24 hr. Mov.	76	Sea L.	28.83			
Ppn. Liq.	1.31 in.	Prev. Dir.	S	3 hr. Tend.	0.0 mb	0700	1300	1900
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	TNC	Clds. 10/10	Clds.	Clds.
						Stratus		
						Wx	Wx	Wx
						Fog		
						Vis.	Vis.	Vis.
						1/4 mi		

Dwpt. 66 (Deike) 65 (Walker)

Peak Wind 27 Kts 5:13<sup>PM</sup> EDT

10 JUNE 1979

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	87 °F	Dir.	SSW	Temp.	72			
Min.	69 °F	Vel.	2 m.p.h.	Read.	28.82"			
Set	72 °F	Char.	Light	Corr.	28.69"			
R. H.	82 %	24 hr. Mov.	42	Sea L.	29.98"	0700	1300	1900
Ppn. Liq.	T in.	Prev. Dir.	SW	3 hr. Tend.	+0.01—	Clds. 10% Stratus	Clds.	Clds.
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	GDF	Wx Cloudy, Fog, Haze	Wx	Wx
				Vis.	2 miles	Vis.	Vis.	Vis.

PEAK GUST - 9 KTS - 4:55 P.M. EST

DEWPT - 66° (Walker)

JUNE 11, 1979

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		0700 EST		Barom.			
Max.	84 °F	Dir.	SW	Temp.	64				
Min.	57 °F	Vel.	10 m.p.h.	Read.	28.64				
Set	58 °F	Char.	GUSTY	Corr.	28.54				
R. H.	69 %	24 hr. Mov.	126	Sea L.	29.86	0700		1300	
Ppn.	Liq. 0.05 in.	Prev. Dir.	SSW	3 hr. Tend.	+0 —	Clds. 10/10 CUMULUS, STRATUS		Clds.	
Ppn.	Sol. — in.	Snow Depth	— in.	Observer	DRJ	Wx CLOUDY BARELY		Wx	
				Vis.	6 mi	Vis.		Vis.	

$$T_D T_D = 48^\circ$$

$$PK. WND = 30 \text{ mph}$$

June 12, 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	76 °F	Dir.	NW	Barom.	Temp.	light haze		
Min.	45 °F	Vel.	4 m.p.h.	Read.	68			
Set	51 °F	Char.	light	Corr.	28.81			
R. H.	%	24 hr. Mov.	168	Sea L.	30.04	0700	1300	1900
Ppn.	Liq. in.	Prev. Dir.	NW	3 hr. Tend.	+2.0 <input checked="" type="checkbox"/>	Clds. 1/10	Clds.	Clds.
Ppn.	Sol. in.	Snow Depth	— in.	Observer	TNC	Wx Sunny	Wx	Wx
				Vis.	20 mi	Vis.	Vis.	Vis.

Peak wind 27 Kts 11 Am EDT

Depth 37 (Deike)



JUNE 13, 1979

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST		General Obs.		
Max.	66 °F	Dir.	SW	Temp.	65			
Min.	44 °F	Vel.	3 m.p.h.	Read.	29.03			
Set	50 °F	Char.	light	Corr.	29.14			
R. H.	61 %	24 hr. Mov.	108	Sea L.	30.42			
Ppn.	— in.	Prev. Dir.	W	3 hr. Tend.	+0.04	0700	1300	1900
Ppn.	— in.	Snow Depth	— in.	Observer	DRJ	Clds. 2/10 CIRRUS	Clds.	Clds.
						Wx	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						Vis. 15 mi	Vis.	Vis.

PK WND = 24 Kts,

JUNE 14, 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	71 °F	Dir.	—	Barom.	Temp.	Valley fog/haze		
Min.	44 °F	Vel.	—	Read.	64			
Set	52 °F	Char.	CALM	m.p.h.	29.18			
R. H.	65 %	24 hr. Mov.	73	Sea L.	Corr.	0700		
Ppn.	— in.	Prev. Dir.	N	3 hr. Tend.	30.44	Clds.	2/10	1300
Ppn.	— in.	Snow Depth	— in.	Observer	+3.1 no /	Wx	cirrus	1900
					TNC	Wx	Sunny	Clds.
						Vis.	20 mi	Wx
						Vis.		Vis.

Dewpoint 40 (Deike) 41 (Walker)

Peak wind 15 Kts

12:35 EDT

15 JUNE 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	78 °F	Dir.	SSW	Barom.	Temp.	Valley Fog		
Min.	52 °F	Vel.	3 m.p.h.	Read.	70°			
Set	64 °F	Char.	Light	Corr.	29.09"			
R. H.	63 %	24 hr. Mov.	98	Sea L.	28.97"			
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	30.30"	0700	1300	1900
Ppn.	— in.	Snow Depth	— in.	Observer	t.015	Clds.	Clds.	Clds.
				Wx	6BF	Clear-some haze	Wx	Wx
				Vis.		12 miles	Vis.	Vis.

PEAK GUST - 17 kts 10:40 A.M. BST  
DEWPT - 51° (Walker)

June 16, 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	86 °F	Dir.	WSW	Barom.	Temp.	Valley Haze		
Min.	61 °F	Vel.	6 m.p.h.	Read.	28.97			
Set	66 °F	Char.	light	Corr.	28.84			
R. H.	70 %	24 hr. Mov.	101	Sea L.	30.17			
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	0.5 mol	0700	1300	1900
Ppn.	— in.	Snow Depth	— in.	Observer	TNC	Clds.	Clds.	Clds.
				Vis.	9 mi	Wx	Wx	Wx
						Clds. 5/10		
						Wx Hazy Sunshine		

Dewpt 55 (Deike), 58 (Walker)

Peak wind 14 Kts @ 1417 EDT

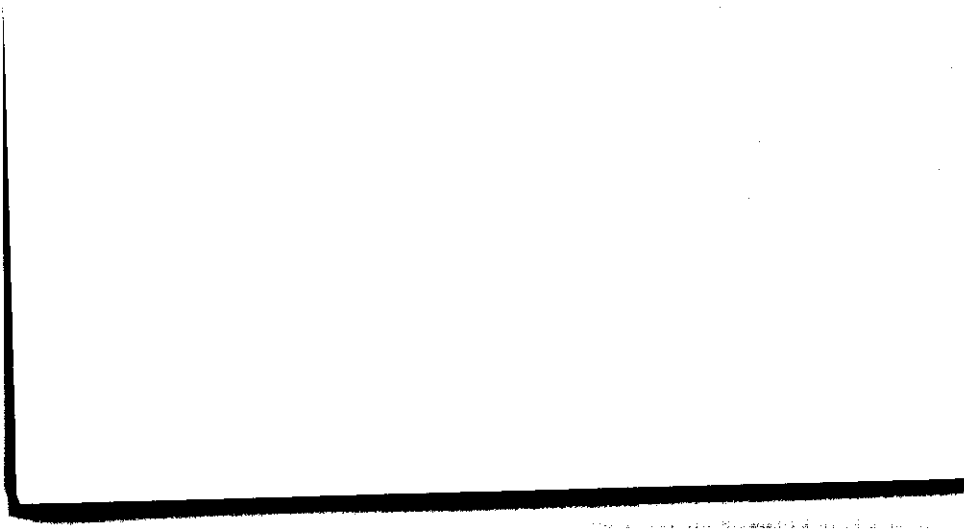


17 JUNE 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	87 °F	Dir.	Variable	Barom.	Temp.	BINOV Some Haze, Valley Fog		
Min.	62 °F	Vel.	1 m.p.h.	Read.	28.78"			
Set	64 °F	Char.	Nearly Calm	Corr.	28.66"			
R. H.	73 %	24 hr. Mov.	75	Sea L.	29.97"			
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	-0.01 V	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	6BF	Clds.	10/10 Stratus, Altostratus	
						Wx	Cloudy	
						Wx		
						Vis.	6 miles	
						Vis.		

PEAK WST - 12 kts at 1:40 P.M. EST  
DEWPT - 55° (Walker)





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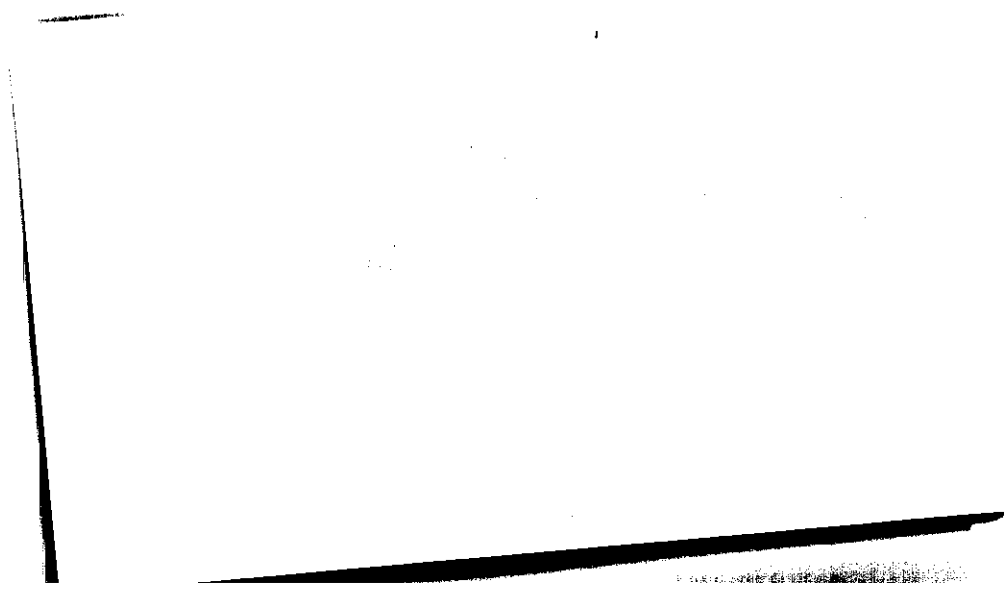
19 JUNE 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	74 °F	Dir.	NNE	Barom.	Temp.			
Min.	49 °F	Vel.	4 m.p.h.	Read.	70°			
Set	59 °F	Char.	Light	Corr.	29.05"			
R. H.	62 %	24 hr. Mov.	137	Sea L.	28.93"	0700	1300	1900
Ppn. Liq.	- in.	Prev. Dir.	NW	3 hr. Tend.	30.27"	Clds. 0/10	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	+ .08 /	Wx	Wx	Wx
				6BF	25miks	Clear		
						Vis.	Vis.	Vis.

PEAK GUST - 21 kts 12 noon EST  
DEWPT - 46° (Walker)

20 JUNE 1979

Temp.		Wind		0700 EST Barom.		Meteorological Observatory University Park, Pa. General Obs.		
Max.	76 °F	Dir.	E	Temp.	70	VALLEY FOG + HAZE TO NE HAZE TO SW		
Min.	51 °F	Vel.	3 m.p.h.	Read.	29.14			
Set	59 °F	Char.	light	Corr.	29.02			
R. H.	69 %	24 hr. Mov.	73	Sea L.	30.37	0700	1300	1900
Ppn.	Liq. in.	Prev. Dir.	E	3 hr. Tend.	+1.03 ✓	Clds. 1/10 CIRRUS	Clds.	Clds.
Ppn.	Sol. in.	Snow Depth	- in.	Observer	DRT	Wx SUNNY	Wx	Wx
				Observer	DRT	Vis. 9 mi	Vis.	Vis.





JUNE 21, 1979

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		0700 EST		General Obs.		
Max.	79 °F	Dir.	SW	Barom.	Temp.	Breezy Dark west R 2230		
Min.	59 °F	Vel.	5 m.p.h.	Read.	28.98			
Set	63 °F	Char.	light	Corr.	28.86			
R. H.	58 %	24 hr. Mov.	141	Sea L.	30.18	0700	1300	1900
Ppn.	— in.	Prev. Dir.	S	3 hr. Tend.	-1.2 mb ↓	Clds. 10/10 Stratacu.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	TNC	Wx Cloudy	Wx	Wx
				Vis.	20 mi	Vis.	Vis.	Vis.

Peak Wind 19 Kts 4:30<sup>m</sup> EDT

Depth 47 (Deike) 49 (Walker)

JUNE 22, 1979

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65°F	Dir. SW	Temp. 66	SCUD South and East		
Min.	57°F	Vel. 5 m.p.h.	Read. 28.77			
Set	60°F	Char. light	Corr. 28.66			
R. H.	77%	24 hr. Mov. 92	Sea L. 29.98	0700	1300	1900
Ppn. Liq.	.03 in.	Prev. Dir. SW	3 hr. Tend. -1.5 in. L	Clds. 9/10 streaks altocumulus	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth - in.	Observer TNC	Wx Cloudy Hazy	Wx	Wx
			Vis. 7 mi	Vis.	Vis.	Vis.

Dept. 49 (Deike) 58 (Waska)

JUNE 23, 1979

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		0700 EST Barom.		Valley Fog / Haze		
Max.	81 °F	Dir.	Var.	Temp.	67			
Min.	58 °F	Vel.	1 m.p.h.	Read.	28.77			
Set	61 °F	Char.	light	Corr.	28.66			
R. H.	68 %	24 hr. Mov.	105	Sea L.	29.98	0700	1300	1900
Ppn. Liq.	T in.	Prev. Dir.	W	3 hr. Tend.	1.0mb ✓	Clds. 8/10 Stratus AltoCu	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	TNC	Wx P. Sunny	Wx	Wx
				Vis.	8mi	Vis.	Vis.	Vis.

PK wd 25 mph @ 1310 EDT

Dewpt. 50 (Deike)

JUNE 24, 1979

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	NW	Temp.	63	Quite chilly		
Min.	48 °F	Vel.	6 m.p.h.	Read.	28.89			
Set	49 °F	Char.	steady	Corr.	28.77			
R. H.	65 %	24 hr. Mov.	179	Sea L.	30.13	0700	1300	1900
Ppn.	Liq. - in.	Prev. Dir.	NW	3 hr. Tend.	+1.8 in. ✓	Clds. 10/10 Stratocu.	Clds.	Clds.
Ppn.	Sol. - in.	Snow Depth	- in.	Observer	TNC	Wx Cloudy	Wx	Wx
				Vis.	20 mi	Vis.	Vis.	Vis.

Peak Wind 27 Kts @ 1517 EST

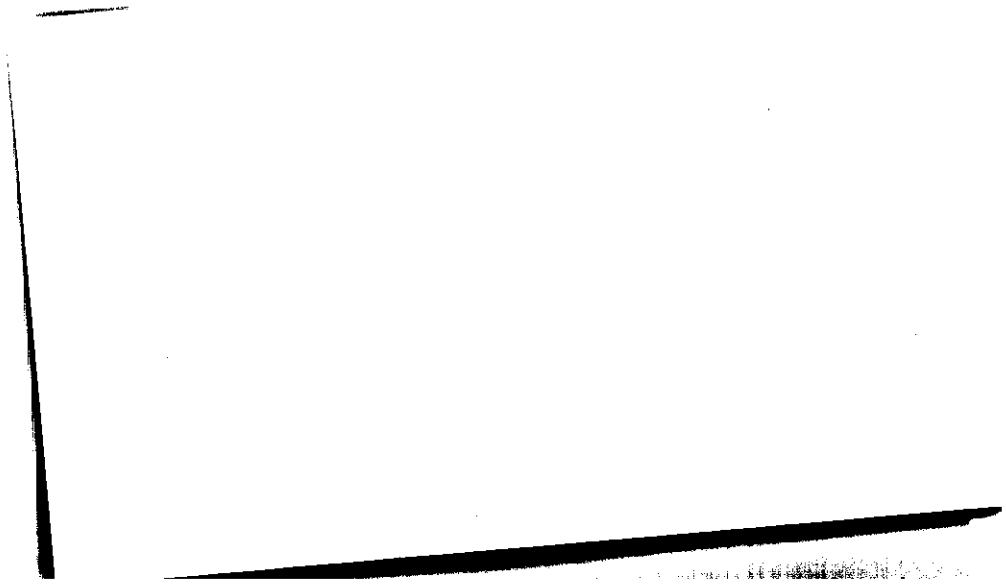
Depth 37 (Deike) 42 (Walker)



25 JUNE 1979

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST		General Obs.		
Max.	65 °F	Dir.	NE	Temp.	67	VALLEY FOG NE + SW		
Min.	42* °F	Vel.	1 m.p.h.	Read.	29.14	* Record low (old record 44 1902)		
Set	53 °F	Char.	light	Corr.	29.02			
R. H.	64 %	24 hr. Mov.	73	Sea L.	30.38	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NE	3 hr. Tend.	1.05/	Clds. 0/10	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	DRJ	Wx	Wx	Wx
				Vis.	15 mi	Vis.	Vis.	Vis.



26 JUNE 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	71 °F	Dir.	Variable	Barom.	Temp.	VALLEY FOG		
Min.	46 °F	Vel.	0 m.p.h.	Read.	29.23"			
Set	55 °F	Char.	Calm	Corr.	29.11"			
R. H.	55 %	24 hr. Mov.	84	Sea L.	30.47"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NE	3 hr. Tend.	+0.03	Clds.	0/10	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	6BF	Wx	Clear	Wx
				Observer	6BF	Vis.	25 miles	Vis.

PEAK WST - 20 kts 10:45 EST  
A.M.

DEWPT - 39° (Walker)

27 JUNE 1979

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind	Barom.	VALLEY HAZE NE-SW		
Max.	77 °F	Dir. S	Temp. 69			
Min.	55 °F	Vel. 5 m.p.h.	Read. 29.11			
Set	60 °F	Char. light	Corr. 29.00	0700	1300	1900
R. H.	60 %	24 hr. Mov. EST. 80	Sea L. 30.34	Clds. 1/10 ALTO-CUMULUS	Clds.	Clds.
Ppn.	Liq. - in.	Prev. Dir. S	3 hr. Tend. +0.01 ✓	Wx SUNNY	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer DRJ	Vis. 12 mi	Vis.	Vis.



JUNE 28, 1979

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		0700 EST		General Obs.			
Max.	78 °F	Dir.	—	Barom.	Temp.	Building CU NW Hazy sunshine RB 0741 R 1900 EDT			
Min.	57 °F	Vel.	0 m.p.h.	Read.	71				28.98
Set	62 °F	Char.	CALM	Corr.	28.85				28.85
R. H.	67 %	24 hr. Mov.	104	Sea L.	30.18	0700      1300      1900 Clds. <del>5/10</del> Alto cu. cumulus Wx M. Sunny			
Ppn. Liq.	— in.	Prev. Dir.	SW	3 hr. Tend.	0.8 in.	Wx	Wx	Wx	
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	TNC	Vis.	Vis.	Vis.	
						10 mi			

Peak Wind 16 Knt 1320 EDT

Dewpt 51 (o) ~~51~~ (w)



29 JUNE 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	76 °F	Dir.	NE	Barom.	Temp.	R 1715 EDT		
Min.	52 °F	Vel.	2 m.p.h.	Read.	68			
Set	54 °F	Char.	Light	Corr.	28.86"			
R. H.	80 %	24 hr. Mov.	47	Sea L.	28.74"	0700	1300	1900
Ppn. Liq.	.06 in.	Prev. Dir.	S	3 hr. Tend.	30.09"	Clds Sky	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	t.02 ✓	Wx Obscured	Wx	Wx
				6BF	Vis.	Dense Fog	Wx	Wx
					1/16 mile	Vis.	Vis.	Vis.

PEAK GUST - 13 KTS 6:20 P.M. EST

DEWPT - 48° Walker



Peak wind 27 Kts ( ) @ 4:10 PM EDT

Depth 61 (Deike) 57 (Warka)