

AUGUST 1, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	87 °F	Dir.	SW	Temp.	74	VALLEY FOG		
Min.	66 °F	Vel.	1 m.p.h.	Read.	28.80			
Set	69 °F	Char.	light	Corr.	28.67			
R. H.	73 %	24 hr. Mov.	73	Sea L.	29.97	0700	1300	1900
Ppn. Liq.	.06 in.	Prev. Dir.	S	3 hr. Tend.	+0.02/	Clds. 10/10 STATUS	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	DRJ	Wx CLOUDY	Wx	Wx
				Observer	DRJ	Vis. 3 mi	Vis.	Vis.

PK. WND 16 KTS. @ 1700 z

AUGUST 2, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	89 °F	Dir. SW	Temp. 76			
Min.	69 °F	Vel. 4 m.p.h.	Read. 28.72"			
Set	75 °F	Char. LIGHT	Corr. 28.59"			
R. H.	84 %	24 hr. Mov. 73	Sea L. 29.87"	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.01 in.	Prev. Dir. SW	3 hr. Tend. +.01" ~	STRATUS		
Ppn. Sol.	— in.	Snow Depth — in.	Observer PJK	Wx HAZE	Wx	Wx
				Vis. 1 MI.	Vis.	Vis.

11/25/80 11:11 AM

T dew 70

Pk gust 12 kts 11:30 PM EST

Pk wind 25 Kts @ 2:07 and 2:38A

Depth 62 (Data)

August 4, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		Haze in Valley					
Max.	86 °F	Dir.	W	Temp.	77						
Min.	63 °F	Vel.	2 m.p.h.	Read.	28.92						
Set	66 °F	Char.	None	Corr.	28.79						
R. H.	77 %	24 hr. Mov.	52	Sea L.	30.11	0700	1300	1900			
Ppn.	Liq. — in.	Prev. Dir.	SW	3 hr. Tend.	+1.0 mb	Clds. 0% Clear	Clds.	Clds.			
Ppn.	Sol. — in.	Snow Depth	— in.	Observer	TNC	Wx Sunny	Wx	Wx			
						Vis. 4 1/2 mi	Vis.	Vis.			

Peak Wind 12 kts 10:10 ; 305 EDT

Dwpt. 60 (Dcfc) 57 w/1km

AUG. 5, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	87 °F	Dir.	SW	Temp.	76	Fog-haze in Valley CU forming S		
Min.	65 °F	Vel.	3 m.p.h.	Read	28.93			
Set	68 °F	Char.	light	Corr.	28.79			
R. H.	76 %	24 hr. Mov.	78	Sea L.	30.10	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	0.0 in.	Clds. 1/10 CU CIRUS	Clds.	Clds.
Ppn.	Sol.	Snow Depth	— in.	Observer	TNC	Wx	Sunny	Wx
				Vis.	1 3/4 mi	Wx		Wx
						Vis.		Vis.

PK. wind 14 Kts 3:55 PM EDT
Dempt 64 (Dike) 59 (Walker)

6 AUGUST 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	86 °F	Dir.	S	Barom.	Temp.			
Min.	65 °F	Vel.	4 m.p.h.	Read.	73			
Set	67 °F	Char.	light	Corr.	28.86			
R. H.	68 %	24 hr. Mov.	96	Sea L.	28.73	0700	1300	1900
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	30.04	Clds. 7/10	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	+03	STATO-CU	Wx	Wx
				Observer	ORJ	Wx PARTLY SUNNY	Wx	Wx
				Vis.	4 mi.	Vis.	Vis.	Vis.

AUGUST 7, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. -	Temp. 74			
Min.	57 °F	Vel. 0 m.p.h.	Read. 28.94"			
Set	62 °F	Char. CALM	Corr. 28.81"			
R. H.	66 %	24 hr. Mov. 93	Sea L. 30.14"	0700 Clds. 0/10	1300 Clds.	1900 Clds.
Ppn. Liq.	.01 in.	Prev. Dir. N	3 hr. Tend. +.02"√	Wx CLEAR	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer PJK	Vis. 15 MI.	Vis.	Vis.

FORM NO. 1 (Rev. 10-6-76) U.S. GOVERNMENT PRINTING OFFICE: 1976 O - 318-100

T dew 51

Plc gust 15 kts 10:19 AM EST

8 AUGUST 1979

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		0700 EST		General Obs.		
Max.	82 °F	Dir.	NW	Barom.	Temp.	VALLEY FOG NE K 0200 EDT		
Min.	62 °F	Vel.	2 m.p.h.	Read.	28.85			
Set	71 °F	Char.	light	Corr.	28.72			
R. H.	68 %	24 hr. Mov.	90	Sea L.	30.02	0700	1300	1900
Ppn. Liq.	.75 in.	Prev. Dir.	SW	3 hr. Tend.	+1.04/	Clds. 6/10 STARS COMES	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	DRJ	Wx PARTLY SUNNY	Wx	Wx
				Observer	DRJ	Vis.	Vis.	Vis.
						7 mi		

PK GUST

23 kts @ 0600 Z

AUGUST 9, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		R 1330 EDT R+					
Max.	87 °F	Dir.	NE	Temp.	79						
Min.	66 °F	Vel.	2 m.p.h.	Read.	28.99"						
Set	69 °F	Char.	LIGHT	Corr.	28.85"						
R. H.	70 %	24 hr. Mov.	96	Sea L.	30.16"	0700	1300	1900			
Ppn. Liq.	- in.	Prev. Dir.	W	3 hr. Tend.	+0.03"	Clds. 1/10 Cum.	Clds.	Clds.			
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	PJK	Wx Sunny	Wx	Wx			
						Vis. 15 mi.	Vis.	Vis.			

Tow 59°

Peak gust 17 kts 4:18 PM EST

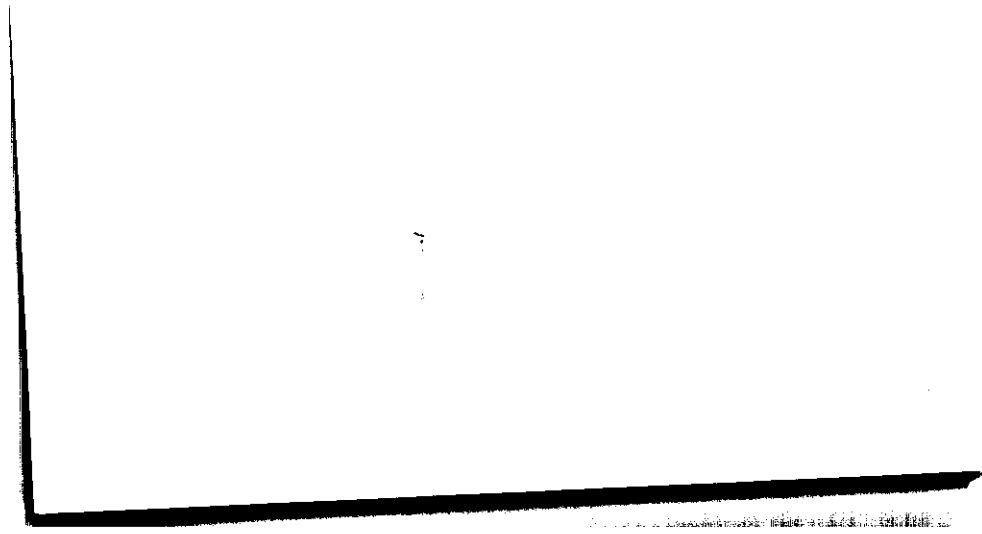
10 AUG. 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	82 °F	Dir.	SW	Temp.	75	FOG - BEGINNING TO DISSIPATE		
Min.	67 °F	Vel.	5 m.p.h.	Read.	28.74			
Set	73 °F	Char.	light	Corr.	28.61			
R. H.	71 %	24 hr. Mov.	63	Sea L.	29.90	0700	1300	1900
Ppn.	- in.	Prev. Dir.	SW	3 hr. Tend.	-.03	Clds. 2/10 CLEAR	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	DRJ	Wx SUNNY	Wx	Wx
				Vis.	1 3/4 mi	Vis.	Vis.	Vis.

FORM NO. 1 (REV. 1-67)



AUG. 11, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		Fog Obs. is R					
Max.	86 °F	Dir.	ENE	Temp.	70						
Min.	64 °F	Vel.	5 m.p.h.	Read.	28.68						
Set	64 °F	Char.	Steady	Corr.	28.56						
R. H.	87 %	24 hr. Mov.	174	Sea L.	29.90	0700	1300	1900			
Ppn.	.82 in.	Prev. Dir.	SW	3 hr. Tend.	+1.0mb	Clds. 10/10 Nimbo- stratus	Clds.	Clds.			
Ppn.	- in.	Snow Depth	- in.	Observer	TNC	Wx Rain	Wx	Wx			
						Vis. 1 3/4 mi	Vis.	Vis.			

PK. Wind 45 Kts @ 1:10 PM EDT

Temp of dupt. 60

AUG. 12. 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	64* °F	Dir. NE	Temp. 64	Fog Ocny R RECORD LO MAX TIED		
Min.	55 °F	Vel. 5 m.p.h.	Read. 28.80			
Set	55 °F	Char. unsteady	Corr. 28.69			
R. H.	87 %	24 hr. Mov. 133	Sea L. 30.04	0700 Clds. 10/10 Nimbo- Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	1.20 in.	Prev. Dir. NE	3 hr. Tend. +2.0 mb	Wx Rain	Wx	Wx
Ppn. Sol.	- in.	Snow Depth -	Observer TNK	Vis. 3/4 mi	Vis.	Vis.

PK Wind 16 Kts 10:40 EDT

Td 52

AUGUST 13, 1979 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	Barom.
Max.	59* °F	Dir. SE	Temp. 68
Min.	46 °F	Vel. 2 m.p.h.	Read. 28.88"
Set	53 °F	Char. LIGHT	Corr. 28.77"
R. H.	83 %	24 hr. Mov. 92	Sea L. 30.12"
Ppn. Liq.	.19 in.	Prev. Dir. NNE	3 hr. Tend. +0.4"/
Ppn. Sol.	- in.	Snow Depth - in.	Observer PJK

RECORD LOW MAX
(PREVIOUS 67°-1934)

	0700	1300	1900
Clds.	1/10		
	CIRUS		
Wx			
	SUNNY		
Vis.			
	30 MI.		

T down 45

Pkwd 16kts 2:48 PM EST

AUGUST 14, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

General Obs.

Temp.		Wind		Barom.				
Max.	74 °F	Dir.	SW	Temp.	67			
Min.	53 °F	Vel.	7 m.p.h.	Read.	28.78"			
Set	66 °F	Char.	MODERATE	Corr.	28.67"	0700	1300	1900
R. H.	%	24 hr. Mov.	133	Sea L.	29.98"	Clds. 10/10	Clds.	Clds.
Ppn.	Liq.	Prev. Dir.	WSW	3 hr. Tend.	0 ~	Wx	Wx	Wx
Ppn.	Sol.	Snow Depth	- in.	Observer	PJK	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						6 mi.		

ALTOSTRAT
CLOUDY

T dew 55

PK gust 20 kts 1:09 PM EST

AUGUST 15 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	72°F	Dir. WNW	Temp. 63	Sprinkles BINOC		
Min.	53°F	Vel. 5 m.p.h.	Read. 28.89			
Set	53°F	Char. none	Corr. 28.79			
R. H.	63%	24 hr. Mov. 180	Sea L. 30.14	0700 Clds. 9/10 stratocumulus	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +1.2 ^{mb} /	Wx Cloudy cool	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer TNC	Vis. 20 mi. E 15 west	Vis.	Vis.

PK wnd 26 KTS 12:08 EST

Td 41 (20K)

AUGUST 16, 1979 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. SW	Temp. 70			
Min.	50 °F	Vel. 1 m.p.h.	Read. 29.06"			
Set	54 °F	Char. NEAR CALM	Corr. 28.94"			
R. H.	66 %	24 hr. Mov. 13A	Sea L. 30.30"	0700 Clds. 2/10 CUMULUS	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. WNW	3 hr. Tend. +0.05"	Wx SUNNY	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer PJK	Vis. 3.0 MI.	Vis.	Vis.

T dew 43

Peak gust 21 kts 12:30 PM EST

AUGUST 17, 1979
0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	71 °F	Dir.	—	Temp.	66	Valley Fog E		
Min.	48 °F	Vel.	CALM m.p.h.	Read.	29.09"			
Set	53 °F	Char.	—	Corr.	28.98"			
R. H.	61 %	24 hr. Mov.	66	Sea L.	30.39"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	N	3 hr. Tend.	10 mb /	Clds. 9/10 cirrus alto cumulus	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	TNC	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						15 mi		

PK wnd 17 Kts @ 1130 EDT

T_s 41° (Deike)

AUGUST 18 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	Barom.		Haze			
Max.	74 °F	Dir.	S	Temp.				65
Min.	53 °F	Vel.	3 m.p.h.	Read.				28.85
Set	62 °F	Char.	—	Corr.				28.74
R. H.	63 %	24 hr. Mov.	86	Sea L.	30.07'	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	SW	3 hr. Tend.	-0.3mb	Clds. 10/10 strata } cumulus alto }	Clds.	Clds.
Ppn.	Sol.	Snow Depth	— in.	Observer	TNC	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						15 mi		

PK WND 14 KTS @ 205 PM

Td 50°

AUGUST 19, 1979

0700 EST

**Meteorological Observatory
University Park, Pa.**

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. SW	Temp. 66			
Min.	58 °F	Vel. 2 m.p.h.	Read. 28.79"			
Set	67 °F	Char. LIGHT	Corr. 28.69"			
R. H.	87 %	24 hr. Mov. 58	Sea L. 30.00"	0700 Clds. 7/10 Alto cum.	1300 Clds.	1900 Clds.
Ppn. Liq.	.40 in.	Prev. Dir. SW	3 hr. Tend. +.05"	Wx FOG Partly Cloudy	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer PJK	Vis. 2 MI.	Vis.	Vis.

No gust > 10 kts

Tscw 63

AUGUST 20, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	NE	Temp.	75			
Min.	59 °F	Vel.	3 m.p.h.	Read.	28.88"			
Set	63 °F	Char.	LIGHT	Corr.	28.75"			
R. H.	75 %	24 hr. Mov.	62	Sea L.	30.12"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	W → NE	3 hr. Tend.	0—	Clds. 6/10	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	PJK	Wx	Wx	Wx
						Partly cloudy		
						Vis.	Vis.	Vis.
						10 mi.		

No gust 7 10 kts
Taw 56°

AUGUST 21, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. E	Temp. 67			
Min.	61 °F	Vel. 3 m.p.h.	Read. 28.89"			
Set	61 °F	Char. LIGHT	Corr. 28.78"			
R. H.	86 %	24 hr. Mov. 44	Sea L. 30.11"	0700 Clds. 10/10 Altostrat	1300 Clds.	1900 Clds.
Ppn. Liq.	.18 in.	Prev. Dir. NE	3 hr. Tend. +.02" —	Wx Drizzle	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer PJK	Vis. 5 MI.	Vis.	Vis.

Standardized form for recording meteorological observations.

Tow 57

No gust 7 10 kts

AUGUST 22, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. -	Temp. 66			
Min.	55 °F	Vel. 0 m.p.h.	Read. 28.92"			
Set	56 °F	Char. CALM	Corr. 28.81"			
R. H.	90 %	24 hr. Mov. 49	Sea L. 30.16"	0700 Clds. 10/10 STRATUS	1300 Clds.	1900 Clds.
Ppn. Liq.	.04 in.	Prev. Dir. SE	3 hr. Tend. +.05" /	Wx FOG	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer -	Vis. 1/16 MI.	Vis.	Vis.

Tdew 53

No gust > 10 kts

AUGUST 23, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.				
Max.	79 °F	Dir.	S	Temp.	69			
Min.	56 °F	Vel.	5 m.p.h.	Read.	28.86"			
Set	68 °F	Char.	MODERATE	Corr.	28.74"			
R. H.	%	24 hr. Mov.	89	Sea L.	30.05"	0700	1300	1900
Ppn.	Liq. in.	Prev. Dir.	SSE	3 hr. Tend.	0 —	Clds. 10/10	Clds.	Clds.
Ppn.	Sol. in.	Snow Depth	— in.	Observer	PJK	Status	Wx	Wx
				Vis.	6 mi.	Cloudy	Wx	Wx
						Vis.	Vis.	Vis.

Peak gust 16 kts 10:51 PM EST
T dew 60

$T_d = 66^\circ F$

11 kts

0010

0220

24th



AUGUST 25, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	83 °F	Dir.	SW	Temp.	FH		
Min.	68 °F	Vel.	1 m.p.h.	Read.	28.85'		
Set	69 °F	Char.	—	Corr.	28.72"		
R. H.	87 %	24 hr. Mov.	95	Sea L.	0700	1300	1900
Ppn.	.20 in.	Prev. Dir.	SW	3 hr. Tend.	Clds. 6/10 stratocumulus	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx P. Sunny	Wx	Wx
				Observer	Vis. 6 miles	Vis.	Vis.

PK WND 18 Kts 1415 EST

$T_d = 65^\circ$

16 KTS @ 2:10 PM EST
 $T_d = 49$ ~~49~~ 35°

AUGUST 27, 1979
0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	76 °F	Dir.	S	Temp.	70	SCUD ON RIDGES R E 0400 BINOC E		
Min.	61 °F	Vel.	7 m.p.h.	Read.	28.83			
Set	69 °F	Char.	Steady	Corr.	28.71			
R. H.	80 %	24 hr. Mov.	68	Sea L.	30.01	0700	1300	1900
Ppn.	.86 in.	Prev. Dir.	SW	3 hr. Tend.	/	Clds. / 0/10 Stratocumulus	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	TNC	Wx Cloudy	Wx	Wx
						Vis. 25 mi	Vis.	Vis.

PK WND 20 KTS 9:55 AM EST

$T_d = 65^\circ F$

PK WND 15 Kts 1310 EDT

Td 59°

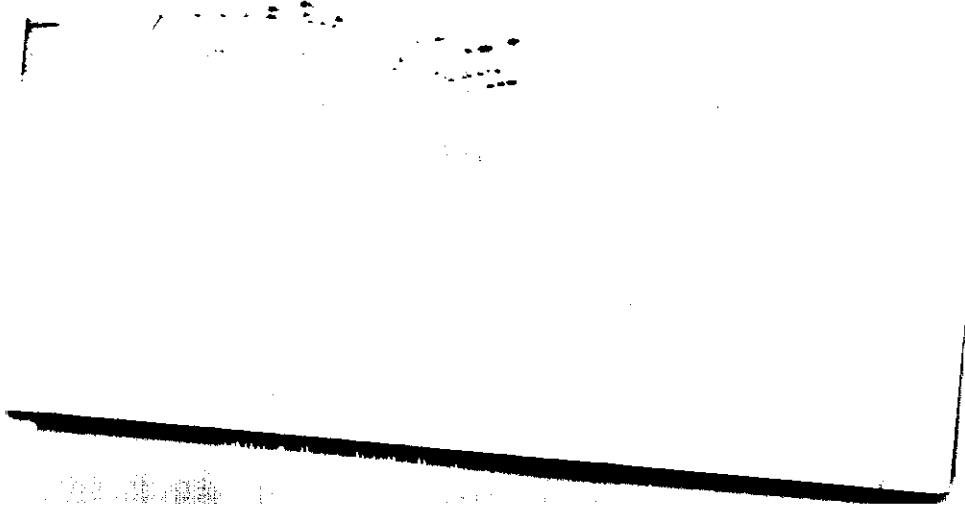
AUGUST 29, 1979 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	Barom.	B 1630 EDT		
Max.	84 °F	Dir. SW	Temp. 79			
Min.	63 °F	Vel. 2 m.p.h.	Read. 28.77"			
Set	72 °F	Char. LIGHT	Corr. 28.63"			
R. H.	%	24 hr. Mov. 70	Sea L. 29.93"	0700	1300	1900
Ppn.	Liq.	Prev. Dir. SW	3 hr. Tend. +0.01"	Clds. S/10 ALTOCUM	Clds.	Clds.
Ppn.	Sol.	Snow Depth	Observer PJK	Wx PARTLY SUNNY	Wx	Wx
-	in.	-	in.	Vis. 6 MI.	Vis.	Vis.

Peak gust 18 kts 10:17 AM EST

Temp 66°



PK WND 21 KTS 2PM EDT

$T_d = 65^\circ$

AUGUST 31, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. —	Temp. 74	FEW CONTRAILS		
Min.	63 °F	Vel. CALM m.p.h.	Read. 28.95"			
Set	66 °F	Char. —	Corr. 28.81"			
R. H.	78 %	24 hr. Mov. 78	Sea L. 30.13"	0700 Clds. 1/10 CIRRUS	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. +1.8mb/	Wx SUNNY	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer TNC	Vis. 6 MILES	Vis.	Vis.

PK WND 15 KNOTS @ 1PM EDT

Td = 59°F