

SEP - 1 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
87 °F	SE	76				
Min.	Vel.	Read.				
56 °F	1 m.p.h.	28.78				
Set	Char.	Corr.				
56 °F	none	28.64				
			0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
88 %	124	29.87	1 CuF	7Sc	8Sc	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.12 in.	SE	0 —				
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0 in.	0 in.	RSJ	10	15	15	

(66)

SEP - 2 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. SW	Temp. 72			
Min.	49 °F	Vel. 1 m.p.h.	Read. 29.05			
Set	51 °F	Char. STEADY	Corr. 28.92			
R. H.	75 %	24 hr. Mov. 143	Sea L. 30.17	0700 Clds. 1 Bcuf	1300 Clds. 3 Cu	1900 Clds. CLR
Ppn.	Liq. 0 in.	Prev. Dir. NCO	3 hr. Tend. +2.5/	Wx	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer R.E.H.	Vis. 15	Vis. 15	Vis. 15

57)

SEP - 3 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. —	Temp. 75			
Min.	43 °F	Vel. — m.p.h.	Read. 29.16			
Set	45 °F	Char. CALM	Corr. 29.02			
R. H.	100 %	24 hr. Mov. 047	Sea L. 30.28	0700 Clds. - X	1300 Clds. 3 Cu 3 As As	1900 Clds. 10 As As
Ppn. Liq.	0 in.	Prev. Dir. NE	3 hr. Tend. +1.01	Wx ≡	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer REN	Vis. 1/8	Vis. 15	Vis. 15

(55)

SEP - 4 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. SW	Temp. 76	☀ + 1320E - 1430E ☀ 1430E - 1520E ☀ 1520E - 1630E		
Min.	45 °F	Vel. 3 m.p.h.	Read. 29.14			
Set	61 °F	Char. STEADY	Corr. 29.00			
R. H.	80 %	24 hr. Mov. 111	Sea L. 30.23	0700 Clds. 7c + cs 4sc	1300 Clds. 6 Cu	1900 Clds. 5 Cu 10 As As
Ppn. Liq.	0 in.	Prev. Dir. SSW	3 hr. Tend. 0	Wx	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer REX	Vis. 15	Vis. 15	Vis. 15

(6)

SEP - 5 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	CO	Temp.	78			
Min.	61 °F	Vel.	2 m.p.h.	Read.	29.12			
Set	64 °F	Char.	STEADY	Corr.	28.98			
R. H.	92 %	24 hr. Mov.	078	Sea L.	30.21	0700	1300	1900
						Clds.	Clds.	Clds.
						3 Cu 3 As 10 Hc	7 Cu	5 Cu
Ppn.	0.33 in.	Prev. Dir.	SW	3 hr. Tend.	+0.61	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	RSH	Vis.	Vis.	Vis.
						15	15	15

66

SEP - 6 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	77 °F	Dir.	—	Temp.	74		
Min.	61 °F	Vel.	— m.p.h.	Read.	28.98		
Set	61 °F	Char.	CAH77	Corr.	28.85		
R. H.	95 %	24 hr. Mov.	030	Sea L.	30.08		
Ppn.	0 in.	Prev. Dir.	NE	3 hr. Tend.	0		
Ppn.	— in.	Snow Depth	— in.	Observer	REH		
					0700	1300	1900
				Clds.	X	Clds.	7 Cu
				Wx	≡	Wx	6 Cu 6 As Re
				Vis.	0	Vis.	15
						Vis.	15

(68)

SEP - 7 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. SW	Temp. 81	••••• 0400E - 0730E ••••• 0815 - 0830E ••••• 0945 - 1015E		
Min.	61 °F	Vel. 5 m.p.h.	Read. 28.95			
Set	68 °F	Char. STEADY	Corr. 28.6	0700	1300	1900
R. H.	92 %	24 hr. Mov. 096	Sea L. 29.82	Clds. 10Ns	Clds.	Clds.
Ppn. Liq.	0.17 in.	Prev. Dir. SW	3 hr. Tend. -0.21	Wx ••	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer REH.	Vis. 3	Vis.	Vis.

76

SEP - 8 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. Sw	Temp. 78	0430E - 0530E 0940E - 0955E -- 030E - 1100E OCCNL		
Min.	54 °F	Vel. 2 m.p.h.	Read. 28.79			
Set	55 °F	Char. STEADY	Corr. 28.65			
R. H.	80 %	24 hr. Mov. 121	Sea L. 29.88	0700 Clds. 45+ 5Sc	1300 Clds. 7Cu	1900 Clds. CuR
Ppn.	Liq. 0.14 in.	Prev. Dir. WNW	3 hr. Tend. +0.41	Wx	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer RFH	Vis. 15	Vis. 15	Vis. 15

(68)

SEP - 9 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. WSW	Temp. 74	☉ -- 1800 - 1815E		
Mln.	44 °F	Vel. 3 m.p.h.	Read. 28.98			
Set	45 °F	Char. STEADY	Corr. 28.85			
R. H.	88 %	24 hr. Mov. 122	Sea L. 30.11	0700 Clds. CLR	1300 Clds. 3cu 6Cu+Ca	1900 Clds. 6Cu
Ppn. Liq.	0.02 in.	Prev. Dir. NW	3 hr. Tend. 0	Wx	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer REH	Vis. 15	Vis. 15	Vis. 15

(56)

SEP 10 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 69 °F		Dir. SW	Temp. 75	• 0130 - 0300E • 0300 - 0630E • OCCUR 0700 - 1000E		
Min. 45 °F		Vel. 6 m.p.h.	Read. 28.63			
Set 62 °F		Char. CLOUDY	Corr. 28.50			
R. H. 79 %		24 hr. Mov. 160	Sea L. 29.73	0700 Clds. 6Ns 10As	1300 Clds. 4cu	1900 Clds. 6Sc
Ppn. Liq. 0.04 in.		Prev. Dir. SW	3 hr. Tend. -0.4V	Wx	Wx	Wx
Ppn. Sol. 0 in.		Snow Depth 0 in.	Observer REYH.	Vis. 12	Vis. 15	Vis. 15

66

SEP 11 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. NW	Temp. 74			
Min.	50 °F	Vel. 2 m.p.h.	Read. 28.95			
Set	51 °F	Char. STEADY	Corr. 28.82			
R. H.	65 %	24 hr. Mov. 175	Sea L. 30.07	0700 Clds. 3S+ 10Sc	1300 Clds. 3Sc	1900 Clds. CLR
Ppn.	Liq. 0.01 in.	Prev. Dir. NW	3 hr. Tend. +141	Wx	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer REH	Vis. 15	Vis. 15	Vis. 15

58

SEP 12 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. —	Temp. 74			
Min.	40 °F	Vel. — m.p.h.	Read. 29.05			
Set	43 °F	Char. CALM	Corr. 29.92	0700	1300	1900
R. H.	92 %	24 hr. Mov. 058	Sea L. 30.19	Clds. 7ci, Cfb	Clds. 6ci, cs	Clds. 3ci, cs
Ppn. Liq.	0 in.	Prev. Dir. N10	3 hr. Tend. +0.8'	Wx	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer REM	Vis. 15	Vis. 15	Vis. 15

52

SEP 13 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. —	Temp. 74			
Min.	40 °F	Vel. — m.p.h.	Read. 28.99			
Set	45 °F	Char. CALM	Corr. 28.86			
R. H.	93 %	24 hr. Mov. 36	Sea L. 30.12	0700 Clds. 1 Ci	1300 Clds. 4 Ci + Cs	1900 Clds. 7 Ci + Cs
Ppn. Liq.	0.00 in.	Prev. Dir. SSW	3 hr. Tend. +1.1	Wx 1 =	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer C.F.W.	Vis. 6	Vis. 15	Vis. 15

56

SEP 14 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. —	Temp. 76			
Min.	45 °F	Vel. — m.p.h.	Read. 29.05			
Set	51 °F	Char. CALM	Corr. 28.91			
R. H.	93 %	24 hr. Mov. 47	Sea L. 30.15	0700 Clds. 8C:9C3	1300 Clds. 3C:9C3	1900 Clds. 1C:9C3
Ppn.	0 in.	Prev. Dir. SSW	3 hr. Tend. +1.5	Wx 1E	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer I.V.W.	Vis. 6	Vis. 15	Vis. 15

62

SEP 15 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
80 °F	SW	78				
Min.	Vel.	Read.				
51 °F	3 m.p.h.	29.02				
Set	Char.	Corr.				
58 °F	STEADY	28.88				
			0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
81 %	97	30.11	CLR	CLR	CLR	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	SW	+0.21	1≡			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0 in.	0 in.	E.Y.W.	6	15	15	

68

SEP 16 1958

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. —	Temp. 81	∇ 1045-1145 E		
Min.	58 °F	Vel. — m.p.h.	Read. 28.92	∇ 1930-2400		
Set	63 °F	Char. CALM	Corr. 28.77	0700	1300	1900
R. H.	83 %	24 hr. Mov. 91	Sea L. 30.00	Clds. BC:9Cs 4Ac	Clds. 10Ac 7Cu	Clds. 9+Cu
Ppn. Liq.	0.00 in.	Prev. Dir. WSW	3 hr. Tend. -0.1L	Wx ≡	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer F.V.W.	Vis. 6	Vis. 12	Vis. 12

79

SEP 17 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. N	Temp. 83	† 0000 - 0110 • 0215 - 0630			
Min. 63 °F	Vel. 4 m.p.h.	Read. 28.84	† 1115 - 1345E † 1530 - 1700E (COCNW)			
Set 65 °F	Char. STEADY	Corr. 28.69	† 1920 - 2000E † 2310 - 2400E			
R. H. 95 %	24 hr. Mov. 84	Sea L. 29.92	0700 Clds. 10 St	1300 Clds. 10 CU	1900 Clds. 10 CU	
Ppn. Liq. 0.25 in.	Prev. Dir. N	3 hr. Tend. +1.0 ↓	Wx ≡	Wx †	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer E.Y.W.	Vis. 1/8	Vis. 7	Vis. 12	

74

SEP 18 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. WSW	Temp. 80	† 0000 - 0045E † 0230 - 0300E † 1740 - 1755E		
Min.	60 °F	Vel. 6 m.p.h.	Read. 28.72			
Set	62 °F	Char. VARIABLE	Corr. 28.57	Gusts to 27 knots at 0248E		
R. H.	64 %	24 hr. Mov. 114	Sea L. 29.80	0700 Clds. 10Sc	1300 Clds. 10Fc	1900 Clds. 10Fc
Ppn.	Liq. 0.08 in.	Prev. Dir. W	3 hr. Tend. +1.81	Wx	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer C.Y.W.	Vis. 7	Vis. 9	Vis. 7

68

SEP 19 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	63 °F	Dir. NNW	Temp. 76			
Min.	55 °F	Vel. 5 m.p.h.	Read. 28.96			
Set	58 °F	Char. VARIABLE	Corr. 28.82	0700	1300	1900
R. H.	70 %	24 hr. Mov. 128	Sea L. 30.08	Clds. 9+ Fc	Clds. 6 CU	Clds. 7CU
Ppn.	Liq. T in.	Prev. Dir. NNW	3 hr. Tend. +1.7-	Wx	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer E.T.W.	Vis. 15	Vis. 15	Vis. 15

60

SEP 20 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	Dir.	Temp.					
69 °F	—	76					
Min.	Vel.	Read.					
55 °F	— m.p.h.	28.98					
Set	Char.	Corr.					
56 °F	CALM	28.84		0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.		
92 %	54	30.08	10 AS 7 FC	10 FC	10 FS		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0	in.	NNE	0.21				
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0	in.	0 in.	JW	7	12	12	

62)

SEP 21 1958

0700 EST

Meteorological Observatory
University Park, Pa.

General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.		Dir.		Temp.	• 0230 - 1440 E			
61	°F	SSE		75				
Min.		Vel.		Read.				
55	°F	4	m.p.h.	28.73				
Set		Char.		Corr.	GUSTS TO 17 knots			
60	°F	STEADY		28.60	0700	1300	1900	
R. H.		24 hr. Mov.		Sea L.	Clds.	Clds.	Clds.	
95	%	49		29.85	10 NS	10 NS	9+AC 7FS	
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	
0.20	in.	SSE		-2.4	1≡/∞	∞/1≡	≡	
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.	
0	in.	0 in.		J.V.W.	2	2	3	

59

SEP 22 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. WNW	Temp. 73			
Min.	60 °F	Vel. 7 m.p.h.	Read. 28.86			
Set	60 °F	Char. VARIABLE	Corr. 28.73			
R. H.	69 %	24 hr. Mov. 119	Sea L. 29.97	0700 Clds. 1 CU	1300 Clds. CLR	1900 Clds. CLR
Ppn.	Liq. 0.48 in.	Prev. Dir. WSW	3 hr. Tend. +2.81	Wx	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer E.T.W.	Vis. 7	Vis. 15	Vis. 15

62)

SEP 23 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. —	Temp. 72			
Min.	45 °F	Vel. — m.p.h.	Read. 29.10			
Set	47 °F	Char. CALM	Corr. 28.97	0700	1300	1900
R. H.	98 %	24 hr. Mov. 68	Sea L. 30.22	Clds. CLR	Clds. CLR	Clds. 30196s
Ppn.	Liq. 0 in.	Prev. Dir. NNW	3 hr. Tend. +2.51	Wx 1 [≡]	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer E.Y.W.	Vis. 5	Vis. 12	Vis. 15

69

SEP 24 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
74 °F	—	76				
Min.	Vel.	Read.				
47 °F	— m.p.h.	29.07				
Set	Char.	Corr.				
53 °F	CALM	28.93				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
93 %	44	30.17	Clds. BCL 2AC	Clds. BAC 2CU	Clds. 10 AC 4SC	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0	in.	5	+0.21	FE		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	JW	5	12	15

63

SEP 25 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. SW	Temp. 78			
Min.	53 °F	Vel. 3 m.p.h.	Read. 28.92			
Set	61 °F	Char. STEADY	Corr. 28.78	0700	1300	1900
R. H.	9 %	24 hr. Mov. 85	Sea L. 30.01	Clds. 8 Ac 4 Sc	Clds. 9+Ac 6 Cu	Clds. 10 Cu
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. ±0-	Wx ≡	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer F.Y.W.	Vis. 6	Vis. 7	Vis. 9+

(6)

SEP 26 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	V 1445 - 1530 E			
83 °F	SW	82				
Min.	Vel.	Read.				
61 °F	7 m.p.h.	28.84				
Set	Char.	Corr.	0700	1300	1900	
73 °F	STEADY	28.69				
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
86 %	105	29.90	10Fs	10Cus	5Cus 8AsAs	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0	in.	SW	±00-	1=		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	E.F.W.	2 1/2	15	15

75)

SEP 27 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. NNE	Temp. 82	☽ 0530E - 0700E .. 0900E - 1600E OCCNL .. 1800E - 2000E OCCNL		
Min.	60 °F	Vel. 7 m.p.h.	Read. 28.86			
Set	60 °F	Char. BUSTY	Corr. 28.65			
R. H.	90 %	24 hr. Mov.	Sea L.	0700	1300	1900
Ppn.	Liq. 0.05 in.	Prev. Dir. NLD	3 hr. Tend. +0.4L	Clds. 3ST → 1ST 100%	Clds. 8Sc 10ASAc	Clds. 6Sc 10ASAc
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer RTH	Wx	Wx	Wx
				Vis. 8	Vis. 15	Vis. 15

(70)

SEP 28 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. N	Temp. -73			
Min.	47 °F	Vel. 2 m.p.h.	Read. 28.82			
Set	50 °F	Char. STEADY	Corr. 28.69	0700	1300	1900
R. H.	76 %	24 hr. Mov. 0.08	Sea L. 29.96	Clds. 6 cu	Clds. 24 cu	Clds. 200
Ppn. Liq.	0.26 in.	Prev. Dir. NW	3 hr. Tend. +1.61	Wx	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 6 in.	Observer REX	Vis. 15	Vis. 15	Vis. 15

51

SEP 29 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.		Dir.	Temp.			
61 °F		SW	71			
Min.		Vel.	Read.			
37 °F		4 m.p.h.	28.98			
Set		Char.	Corr.			
38 °F		STEADY	28.86			
R. H.		24 hr. Mov.	Sea L.	0700	1300	1900
93 %		111	30.13	Clds.	Clds.	Clds.
				6 Ci & Cs	4 Cu	2 Cu
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0	in.	NW	+2.01	1 [±]		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
0	in.	0 in.	E.Y.W.	6	12	15

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SEP 30 1958

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir. WSW	Temp. 73	• 1850 - 2310 E •• 2310 - 2400 E		
Min.	38 °F	Vel. 3 m.p.h.	Read. 28.90			
Set	53 °F	Char. VARIABLE	Corr. 28.87			
R. H.	68 %	24 hr. Mov. 72	Sea L. 30.02	0700 Clds. 9+Ag 2Fc	1300 Clds. 9+As	1900 Clds. 10Ns
Ppn. Liq.	0.00 in.	Prev. Dir. SSW	3 hr. Tend. +0-	Wx	Wx	Wx •
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer C.F.W.	Vis. 12	Vis. 15	Vis. 10

57