

ATOMICS INTERNATIONAL  
A DIVISION OF NORTH AMERICAN AVIATION, INC.

*Jan 1*

INTER-OFFICE LETTERS ONLY

TO: Those Listed

ADDRESS:

FROM: J. N. Roth

ADDRESS: 796-62

PHONE: Ext. 407

DATE: 11 February 1958

SUBJECT: Summary of Climatic Conditions - at the SRE Site for November, 1957

This summary includes wind, temperature, and precipitation data collected at the SRE Site during November, 1957. The temperature and precipitation data were obtained from instruments located at an elevation of about 1850 feet, which is the approximate elevation of the reactor floor. The wind data was determined from observations taken at an elevation of about 2000 feet, or approximately 150 feet above the reactor floor. The percent of time during which the wind blew from each of eight directions within various speed intervals is shown graphically on enclosed wind rose. The percent of time during which the wind was calm is entered numerically in the circle at the center of the rose. These percentages are based upon the total number of observations made during the month.

*J. N. Roth*  
J. N. Roth  
Health Physics Unit  
Technical Services Group

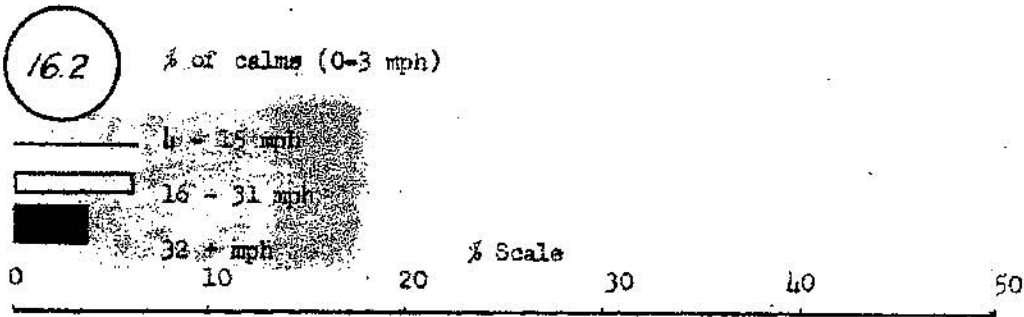
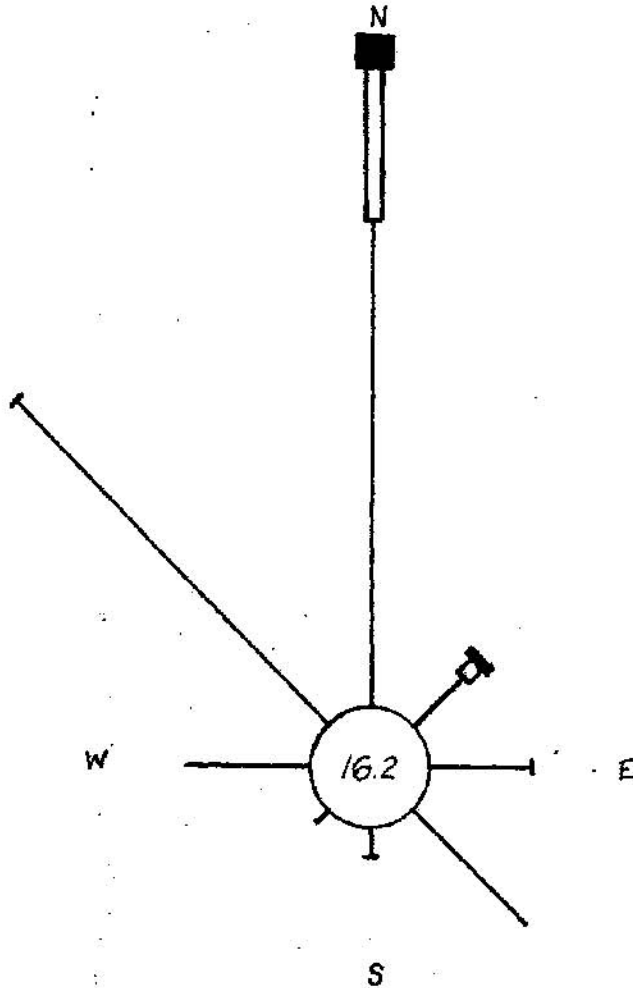
JNR/rsp

cc: W. Fisher  
L. Gerber  
A. Jarrett  
J. Lang  
E. S. Watkins

NOVEMBER 1957

Date	Max. Temp.	Time of Max. Temp.	Min. Temp.	Time of Min. Temp.	Average Daily Temp.	Hours Below Freezing	Precipitation - High in in
1	60°	1300	52°	2400	56°	0	0
2	56	1400	44	2400	50	0	0.3
3	53	1400	42	0800	47.5	0	0
4	58	1300	43	0700	50.5	0	0
5	59	1400	45	0600	52	0	0
6	61	1400	43	0600	52	0	0
7	65	1300	46	0700	55.5	0	0
8	64	1300	48	0700	56	0	0
9	73	1300	54	0600	63.5	0	0
10	68	1300	52	0600	60	0	0
11	66	1500	46	0600	56	0	0
12	67	1500	52	0300	59.5	0	0
13	66	1300	51	2400	58.5	9	0
14	56	1500	49	0200	52.5	0	0
15	60	1500	45	2400	52.5	0	0
16	54	1200	45	0500	49.5	0	0
17	57	1400	44	0100	50.5	0	0
18	66	1300	47	0300	56.5	0	0
19	70	1300	51	0600	60.5	0	0
20	78	1400	55	0700	66.5	0	0
21	62	1200	53	2400	57.5	0	9
22	62	1400	51	0900	56.5	0	0
23	74	1500	54	0600	64	0	0
24	81	1400	57	0600	69	0	0
25	80	1400	58	0400	69	0	0
26	71	1300	53	2400	62	0	0
27	68	1300	49	0500	58.5	0	0
28	72	1500	50	0600	61	0	0
29	62	0200	55	2400	58.5	0	0

30	61	1100	51	0700	56	0	0
Ave	65		49.5		57.5		
Total							0.3

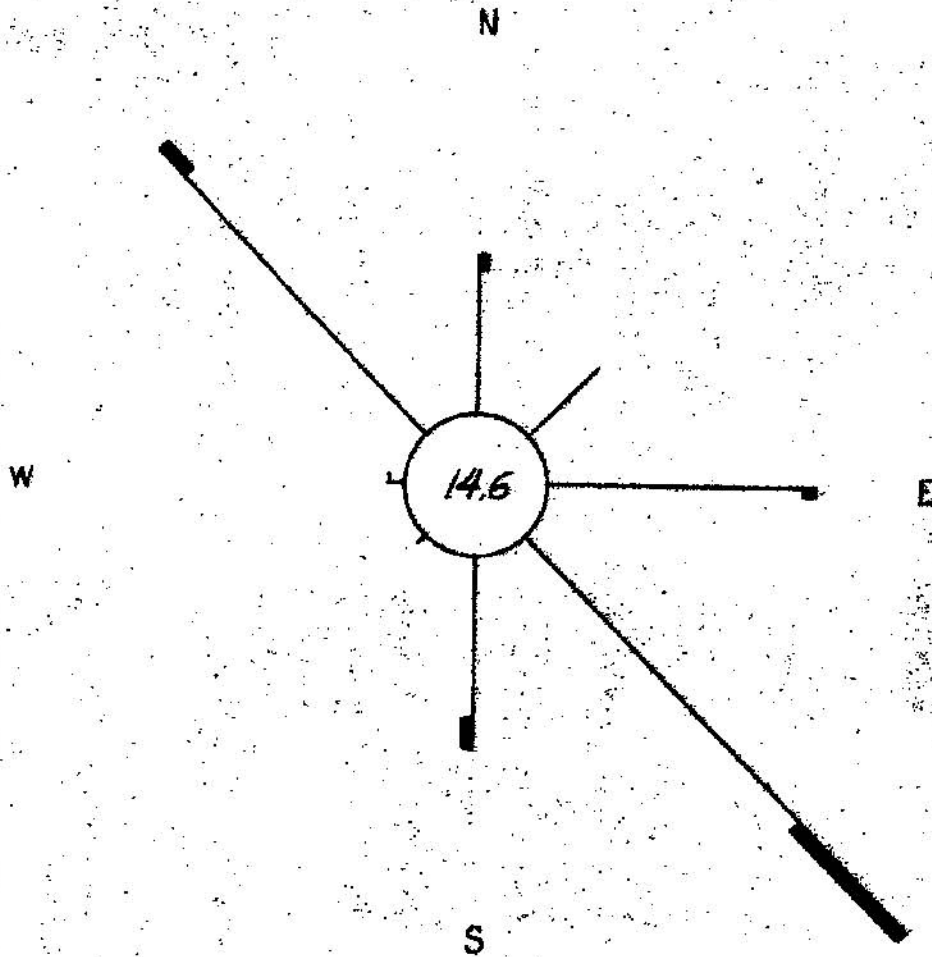


Measured from circumference of circle

October, 1957

Date	Max. Temp.	Time of Max. Temp.	Min Temp.	Time of Min. Temp.	Average Daily Temp.	Hours Below Freezing	Precipit (in.)
1	77	1300	59	0700	68	0	
2	72	1300	55	2400	63.5	0	
3	67	1500	54	0200	60.5	0	
4	70	1400	51	0700	60.5	0	
5	74	1400	53	0700	60.5	0	
6	69	1300	51	0300	60	0	
7	77	1300	54	0700	65.5	0	
8	82	1300	59	0400	70.5	0	
9	80	1400	57	0600	69.5	0	
10	73	1300	53	2400	63	0	
11	59	1500	51	2400	55	0	.32
12	62	1300	49	0700	55.5	0	
13	57	1200	51	2400	54	0	.33
14	67	1400	51	0000	59	0	.05
15	66	1400	53	0300	59.5	0	
16	69	1300	53	0600	61	0	
17	77	1300	55	0600	66	0	
18	58	1600	53	2300	55.5	0	
19	66	1300	52	0700	59	0	
20	56	1300	45	2400	50.5	0	.52
21	60	1400	44	0100	52	0	
22	63	1400	47	0700	55	0	
23	66	1400	51	0500	58.5	0	
24	77	1500	56	0000	66.5	0	
25	80	1400	63	0300	71.5	0	
26	76	1200	61	2400	68.5	0	
27	77	1400	60	0600	68.5	0	
28	74	1200	55	0700	64.5	0	
29	74	1400	58	0300	66	0	
30	69	1500	59	0500	64	0	
31	71	1500	55	2400	63	0	
Ave.	70		54		62		
Total							1.22

WIND ROSS - 888  
October, 1957

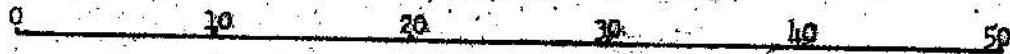


% of calms (0 - 3 mph)

h - 15 mph

16 - 31 mph

% scale



Measured from circumference of circle