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ATOMICS INTERNATIONAL
A DIVISION OF NORTH AMERICAN AVIATION, INC.

INTER-OFFICE LETTERS ONLY

TO: Those Listed ADDRESS:
FROM: J. N. Roth ADDRESS: 796-62
PHONE: Ext. 407 DATE: 15 January 1958
SUBJECT: Summary of Climatic Conditions at the SRE Site for the months of
September and October, 1957.

This summary includes wind, temperature and precipitation data collected at the SRE Site during September and October, 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 and with a speed within various intervals is shown graphically on a 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

JNR/pap

cc: W. L. Fisher
L. A. Gerber
A. A. Jarrett
J. C. Lang ✓
I. S. Watkins

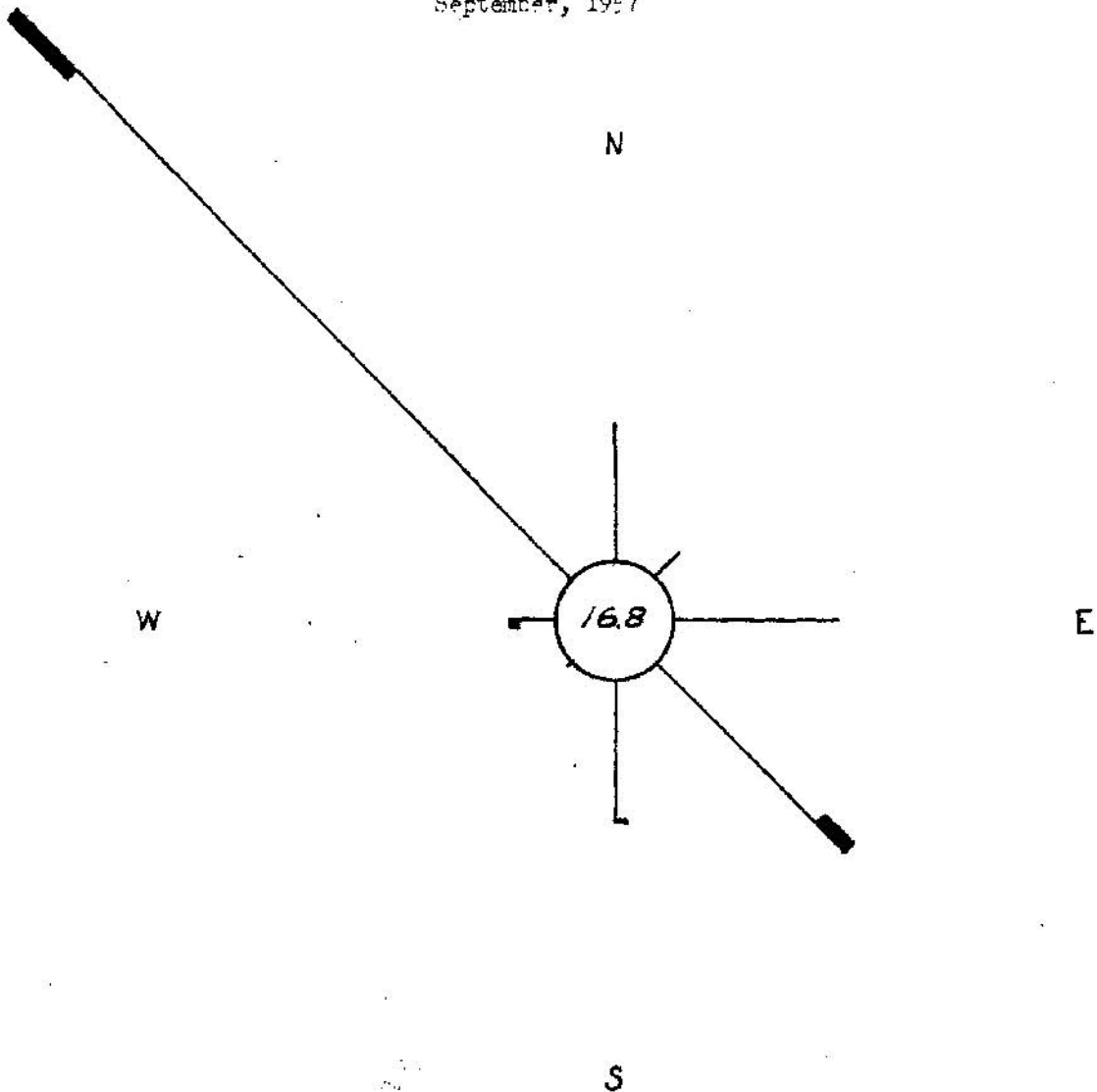
SEPTEMBER 1957

Date	Max Temp	Time of Max Temp	Min Temp	Time of Min Temp	Average Daily Temp	Hours Below Freezing	Precipitation (in)
1	82	1400	55	0800	68.5	0	0
2	81	1600	64	0400	74.5	0	0
3	83	1000	60	0400	71.5	0	0
4	82	1400	62	0600	72	0	0
5	86	1400	65	0600	75.5	0	0
6	93	1400	68	0500	80.5	0	0
7	100	1300	71	2300	85.5	0	0
8	92	1200	67	2400	79.5	0	0
9	79	1300	57	200	68	0	0
10	71	1400	49	0600	60	0	0
11	80	1400	57	0700	63.5	0	0
12	82	1500	63	2300	72.5	0	0
13	79	1500	59	2400	69	0	0
14	75	1400	57	0200	66	0	0
15	76	1400	56	0800	66	0	0
16	71	1300	53	0800	62	0	0
17	69	1200	54	0400	61.5	0	0
18	74	1200	55	0600	64.5	0	0
19	73	1200	54	0600	63.5	0	0
20	75	1300	55	0400	65	0	0
21	89	1200	58	0400	73.5	0	0
22	95	1400	63	0000	79	0	0
23	91	1400	69	0700	80	0	0
24	90	1300	69	2000	79.5	0	0
25	84	1400	65	2000	74.5	0	0
26	81	1200	61	0700	71	0	0
27	81	1300	59	0700	70	0	0
28	85	1200	64	0600	74.5	0	0
29	84	1200	63	2200	73.5	0	0
30	83	1100	60	0700	71.5	0	0
Ave.	82		60		71		
Total						0	0

WIND ROSE

SRE

September, 1997



16.8

$\frac{\%}{10}$ of calms (0 - 3 mph)

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4 - 15 mph
16 - 31 mph

$\frac{\%}{10}$ scale

0 10 20 30 40 50

Measured from circumference of circle