

ATOMICS INTERNATIONAL
A DIVISION OF NORTH AMERICAN AVIATION, INC.

Lang
F

INTER-OFFICE LETTERS ONLY

TO: Those Listed ADDRESS:
FROM: J. N. Roth ADDRESS: 796-62
PHONE: 407 / DATE: January 2, 1958
SUBJECT: Summary of Climatic Conditions at the
SRE Site for the Month of August, 1957

This summary includes wind, temperature and precipitation data collected at the SRE Site during August, 1957. The temperature and precipitation data were obtained from instruments located at an elevation of about 1850, 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 per cent 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 per cent 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.

JNR:lb

J. N. Roth

J. N. Roth
Health Physics

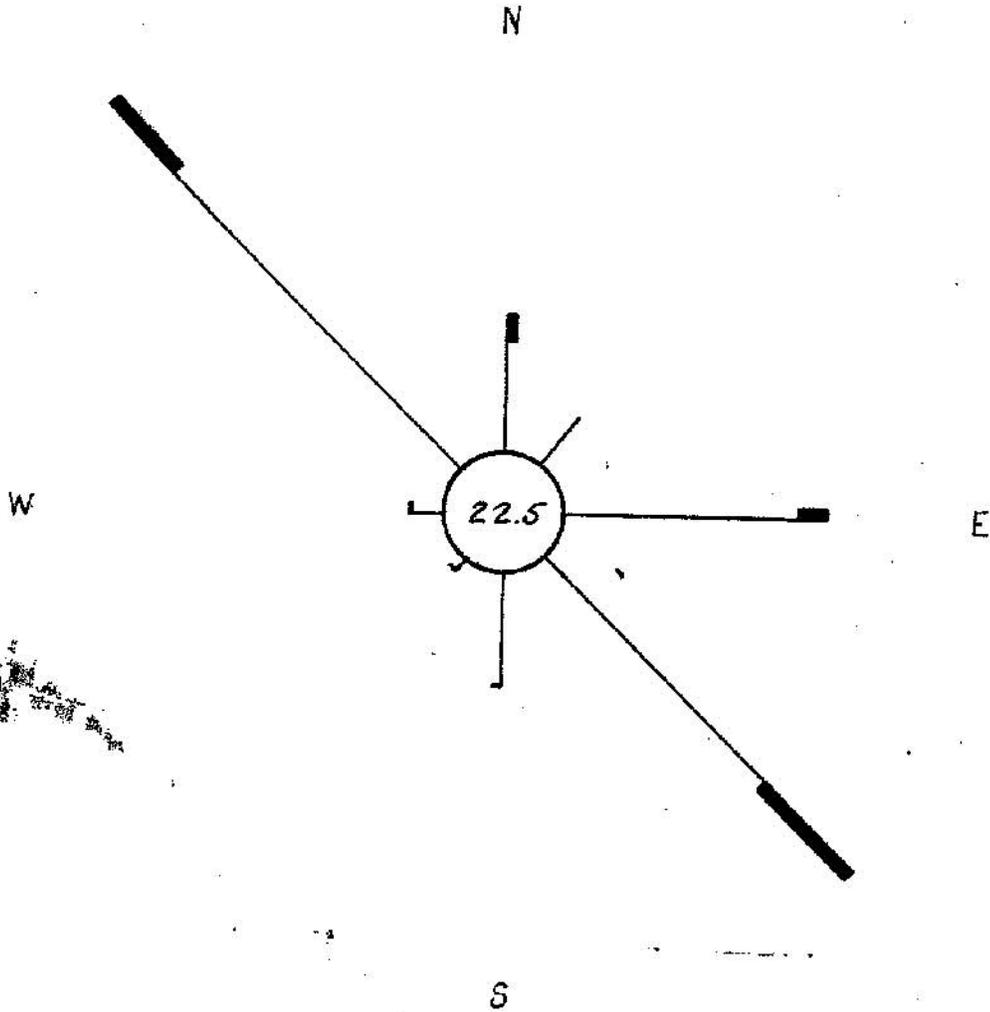
Distribution:

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

AUGUST 1957

| DATE | MAX TEMP | TIME OF MAX TEMP | MIN TEMP | TIME OF MIN TEMP | AVERAGE DAILY TEMP | HOURS BELOW FREEZING | PRECIPITATION (in) |
|-------|----------|------------------|----------|------------------|--------------------|----------------------|--------------------|
| 1 | | | | | | | 0 |
| 2 | | | | | | | 0 |
| 3 | | | | | | | 0 |
| 4 | | | | | | | 0 |
| 5 | | | | | | | 0 |
| 6 | | | | | | | 0 |
| 7 | | | | | | | 0 |
| 8 | | | | | | | 0 |
| 9 | 84 | 1200 | 67 | 2400 | 75.5 | 0 | 0 |
| 10 | 83 | 1300 | 63 | 2400 | 73 | 0 | 0 |
| 11 | 82 | 1400 | 57 | 0600 | 69.5 | 0 | 0 |
| 12 | 91 | 1200 | 63 | 0200 | 77 | 0 | 0 |
| 13 | 91 | 1300 | 70 | 0600 | 80.5 | 0 | 0 |
| 14 | 91 | 1200 | 70 | 0600 | 80.5 | 0 | 0 |
| 15 | 90 | 1400 | 71 | 0700 | 80.5 | 0 | 0 |
| 16 | 95 | 1100 | 73 | 0600 | 84 | 0 | 0 |
| 17 | 97 | 1300 | 71 | 0400 | 84 | 0 | 0 |
| 18 | 92 | 1300 | 69 | 2300 | 80.5 | 0 | 0 |
| 19 | 92 | 1400 | 63 | 0400 | 77.5 | 0 | 0 |
| 20 | 88 | 1400 | 65 | 0300 | 76.5 | 0 | 0 |
| 21 | 87 | 1400 | 68 | 0200 | 77.5 | 0 | 0 |
| 22 | 93 | 1200 | 69 | 0500 | 81 | 0 | 0 |
| 23 | 90 | 1300 | 71 | 2400 | 80.5 | 0 | 0 |
| 24 | 87 | 1300 | 67 | 0200 | 77 | 0 | 0 |
| 25 | 85 | 1200 | 66 | 0600 | 75.5 | 0 | 0 |
| 26 | 93 | 1300 | 66 | 0200 | 79.5 | 0 | 0 |
| 27 | 91 | 1200 | 69 | 0600 | 80 | 0 | 0 |
| 28 | 86 | 1300 | 61 | 2200 | 73.5 | 0 | 0 |
| 29 | 73 | 1500 | 56 | 2400 | 64.5 | 0 | 0 |
| 30 | 71 | 1500 | 53 | 0700 | 62 | 0 | 0 |
| 31 | 77 | 1400 | 53 | 0600 | 65 | 0 | 0 |
| Ave. | 87 | | 65 | | 76 | | |
| Total | | | | | | 0 | 0 |

WIND ROSE - SRE
August, 1957



22.5 % of calms (0 - 3 mph)

— 4 - 15 mph

█ 16 - 31 mph

% scale

0 10 20 30 40 50

Measured from circumference of circle