# 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: 11 February 1958

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

This summary includes wind, temperature, and precepitation 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 enclosedwind 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

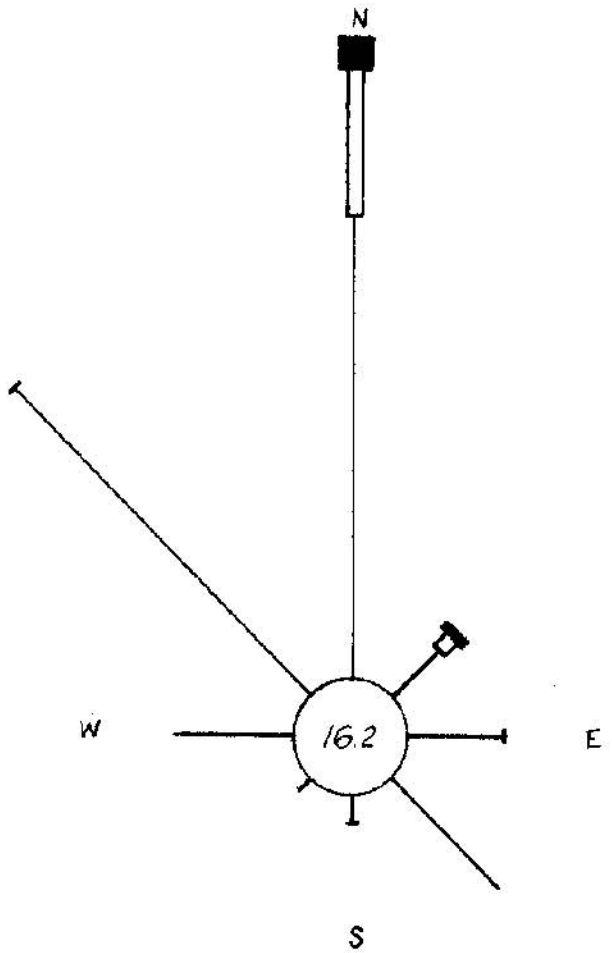
J. N. Roth
Health Physics Unit
Technical Services Group

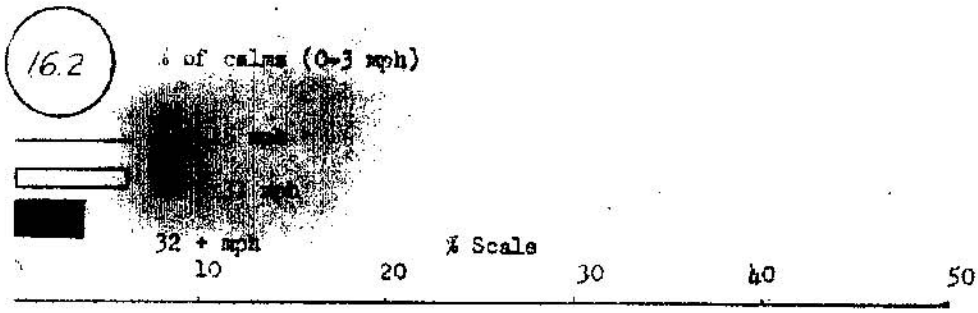
JNR/rap

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

N 6-26

WIND ROSE - SHE, November, 1957




Measured from circumference of circle

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| Direction | Total No. of obs. | Windspeeds 1 | 2 | 3 | % of total direction | Speed 1 | 2 | 3 |
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| N | 381 | 275 | 87 | 19 | 34.1 | 72.2 | 22.9 | 5.0 |
| NE | 56 | 36 | 16 | 4 | 5.0 | 64.3 | 28.6 | 7.1 |
| E | 56 | 54 | 2 | — | 5.0 | 96.4 | 3.6 | — |
| SE | 93 | 93 | — | — | 8.3 | 100 | — | — |
| S | 17 | 16 | 1 | — | 1.5 | 94.2 | | |
| SW | 10 | 10 | — | — | 0.9 | 100 | | |
| W | 71 | 71 | — | — | 6.4 | 100 | | |
| NW | 251 | 248 | 3 | — | 22.5 | 98.8 | | |
| CALM | 181 | 803 | 109 | 23 | 16.2 | | | |
| TOTALS | 1116 | | | | 99.9 | | | |