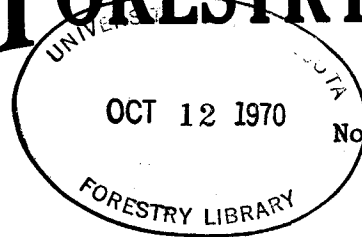


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# MINNESOTA FORESTRY NOTES

COPY 2



January 15, 1964

## A FOREST AERIAL PHOTO SCALE FOR MINNESOTA CONDITIONS

M. P. Meyer<sup>1/</sup>

This scale is adapted in part from that developed by Moessner<sup>2/</sup> and provides the primary measurement units in general use with forest aerial photography in Minnesota.

All distance measurements are in chains and, since the most common aerial photography scales in use in Minnesota are 1/15,840 (4" = 1 mile) and 1/20,000 (3.17" = 1 mile), distance measurements through a scale range of 1/14,000 to 1/21,000 are included. Plot circles with equivalent ground areas of 1-acre, 1/5-acre and 1/7-acre are also provided at various photo scales.

Ground area equivalents of 2.5 and 5 acres at the two primary photo scales are furnished for use as minimum stand area classification gauges. In the event a one-acre minimum stand classification is employed, the one-acre circle of the appropriate scale can be used as a guide.

Albinson's, Inc., 520 4th Ave. So., Minneapolis, Minnesota, can provide copies of this scale on heavy (.007") stable base film.

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<sup>2/</sup> Moessner, K. E. 1953. An aerial photo scale-protractor. U.S.F.S., Central States For. Expt. Sta. Note 74. 2 pp., illus.

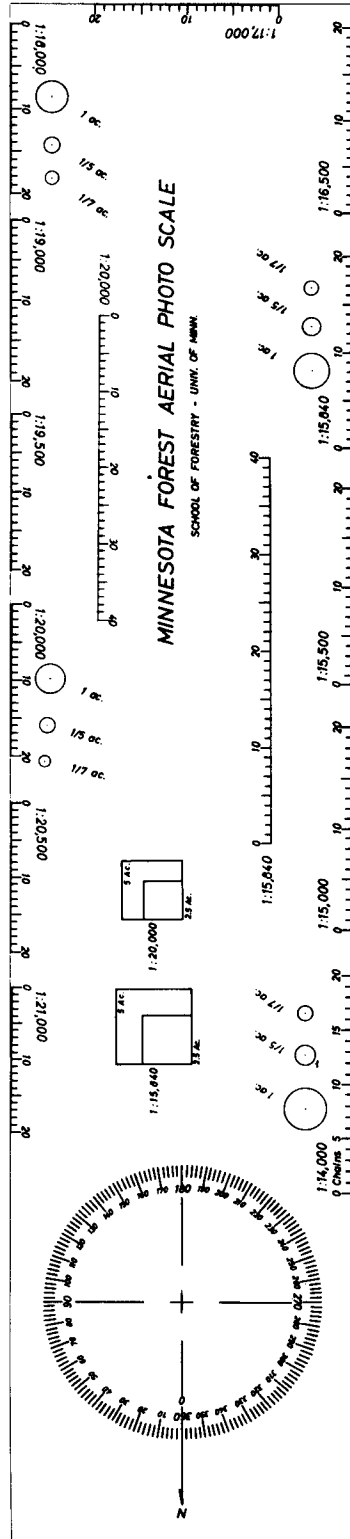


Figure. Minnesota Forest Aerial Photo Scale.