UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BOULDER LAKE RESERVOIR NE QUADRANGLE

MINNESOTA—ST. LOUIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

(MARKHAM 1:62 500) (BRIMSON 1:62 500)

92°07′30″ 47°15′ 568 000m.E. 5′ (MARKHAM 1:62 500) R. 14 W. R. 13 W. 2′30″ 2 270 000 FEET 92°00′ 47°15′

VIRGINIA 31 MI. MARKHAM 7.2 MI. BRIMSON 7.6 MI.

5232 000m.N. 270 000 FEET

12′30″ 12′30″

T. 55 N. T. 54 N. T. 55 N. T. 54 N.

10′ 10′

(COMSTOCK LAKE) (PEQUAYWAN LAKE)

(BOULDER LAKE RESERVOIR) (BARRS LAKE)

DULUTH (CH.) 26 MI. 2 250 000 FEET 5′ (THOMPSON LAKE) R. 14 W. R. 13 W. 2′30″ 47°07′30″ 92°07′30″ 92°00′

230 000 FEET 5220 000m.N. 575 000m.E.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1958—NS MR 4251

Spring Hole Lake
South Branch Whiteface River
Sullivan Lake
Cloquet Valley Ranger Station
Bug Creek
Dent Lake 1565
Hulligan Lake
Pit Lake
Boulder Creek
Humphrey Creek
Lake Creek
American Lake 1540
Cloquet River
Harris 1576
Schinn Lake
Masse Creek
Quick Lake
Lane Lake
Old Railroad Grade
Duder Construction

C L O Q U E T V A L L E Y S T A T E F O R E S T

A U L T

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by Kelsh plotter
Aerial photographs taken 1952. Field check 1957

Polyconic projection. 1927 North American datum
10,000-foot grid based on Minnesota coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

4° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1957

MINN.
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Medium-duty Light-duty
Unimproved dirt

BOULDER LAKE RESERVOIR NE, MINN.
N4707.5—W9200/7.5
1957

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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