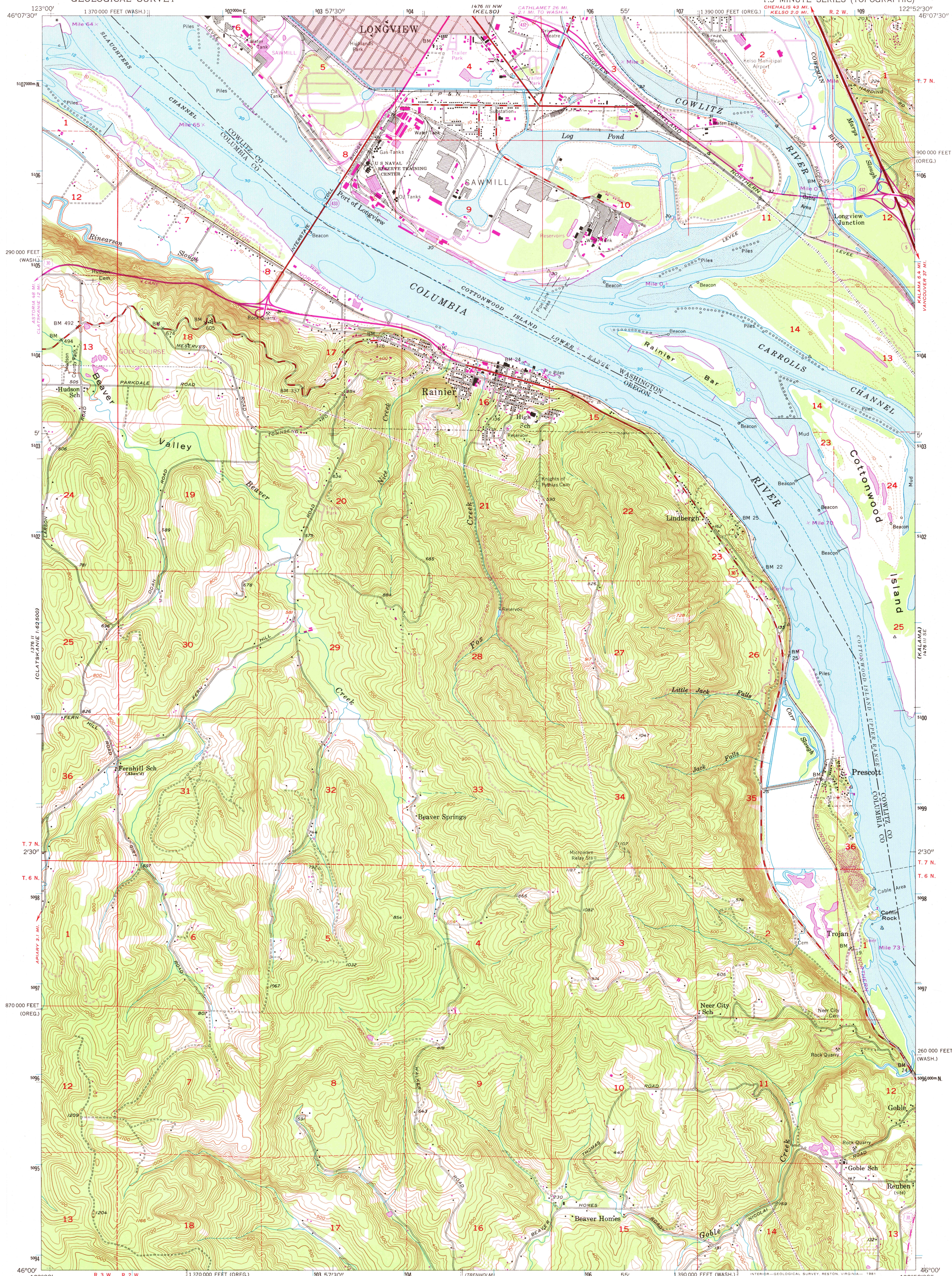


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RAINIER QUADRANGLE
OREGON - WASHINGTON
7.5 MINUTE SERIES (TOPOGRAPHIC)

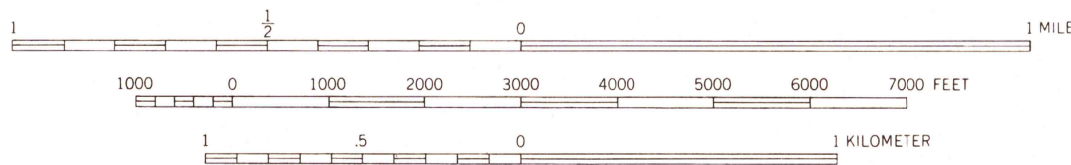
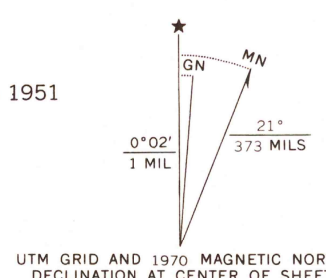


Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and USCE

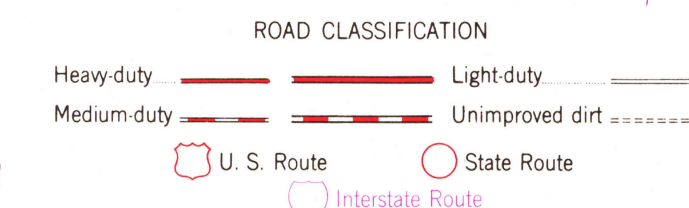
Topography from aerial photographs by Kelsh plotter methods
and by plane-table surveys 1930 and 1953. Aerial photographs taken 1951
Hydrography compiled from USC&GS Chart 6153

Polyconic projection. 1927 North American datum
10,000-foot grids based on Oregon coordinate system, north zone
and Washington coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue
To place on the predicted North American Datum 1983
move the projection lines 23 meters north and
95 meters east as shown by dashed corner ticks
Red tint indicates areas in which only landmark buildings are shown
Dashed land lines indicate approximate locations



CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT HALF INTERVAL CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES IN FEET - COLUMBIA RIVER DATUM
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 5 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



RAINIER, OREG. - WASH.
N4600-W12252.5/7.5

1953
Revisions shown in purple compiled from aerial photographs, PHOTOGRAPHED 1970
taken 1970. This information not field checked

USGS
Historical File
National Mapping Div.

2000
MAY 5 1981