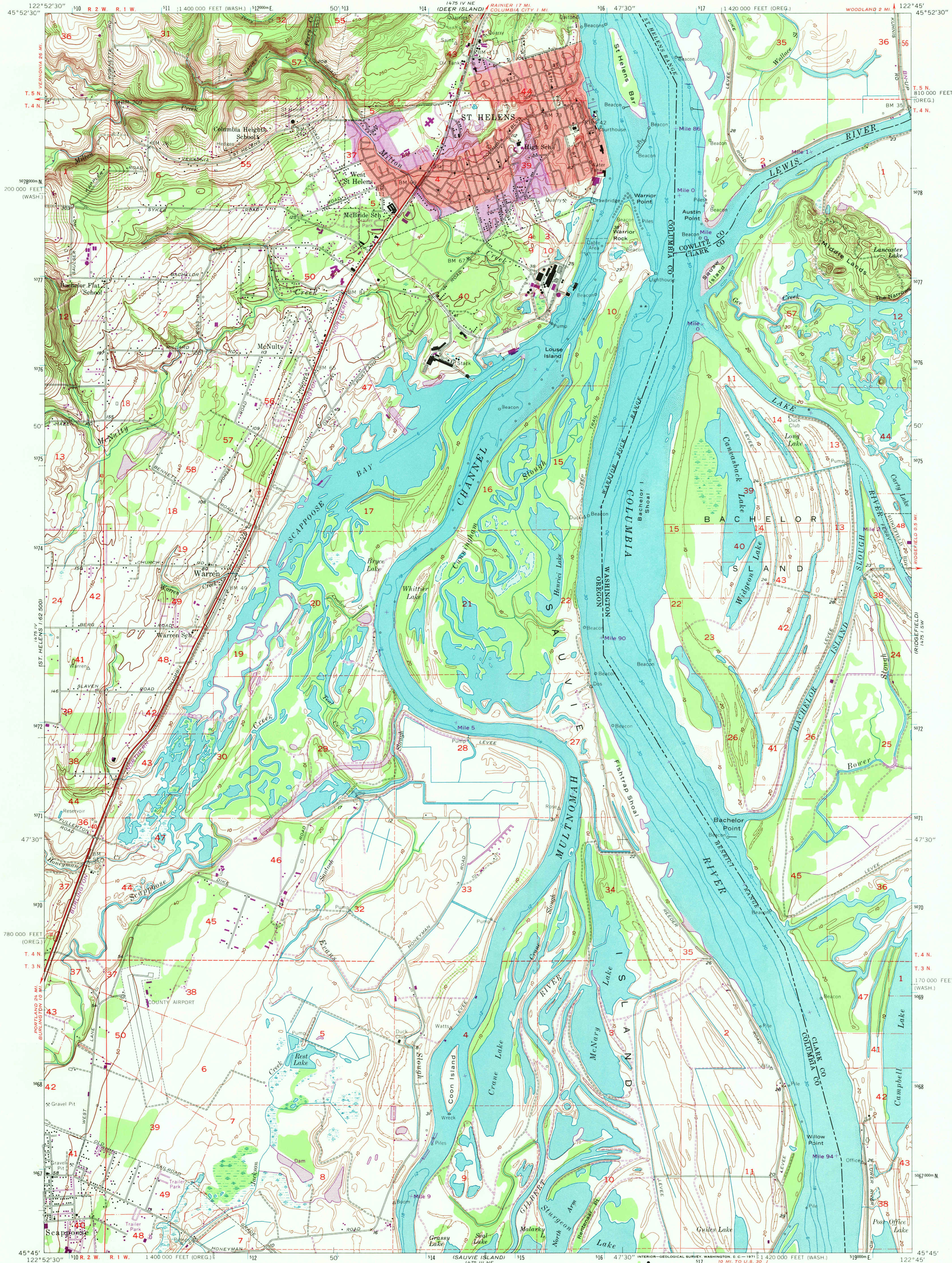


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ST. HELENS QUADRANGLE
OREGON—WASHINGTON
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 ST. HELENS 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, USCE, and State of Oregon

Topography from aerial photographs by Kelsh plotter and by planetable surveys 1954. Aerial photographs taken 1951

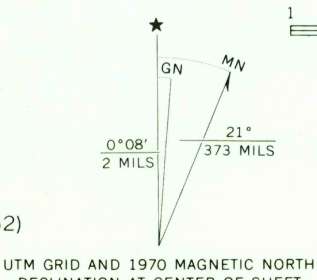
Polycyclic projection. 1927 North American datum 10,000-foot grids based on Oregon coordinate system, north zone and Washington coordinate system, south zone

Hydrography compiled from USC&GS charts 6153 (1952) and 6154 (1952)

1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue

Red tint indicates areas in which only landmark buildings are shown

Purple tint indicates extension of urban areas



CONTOUR INTERVAL 10 FEET

DATUM IS MEAN SEA LEVEL

DEPTH CURVES IN FEET—COLUMBIA RIVER DATUM

SHORELINE SHOWN REPRESENTS APPROXIMATE LINE OF MEAN HIGH WATER

THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 2 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Heavy-duty ——— Light-duty ———

Medium-duty ——— Unimproved dirt ———

U.S. Route

OREGON

QUADRANGLE LOCATION

ST. HELENS, OREG.—WASH.

SE/4 ST. HELENS 15' QUADRANGLE

N4545—W12245/7.5

1954

PHOTOREVISED 1970

AMS 1475 IV SE—SERIES V892

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

NOV 1 1971