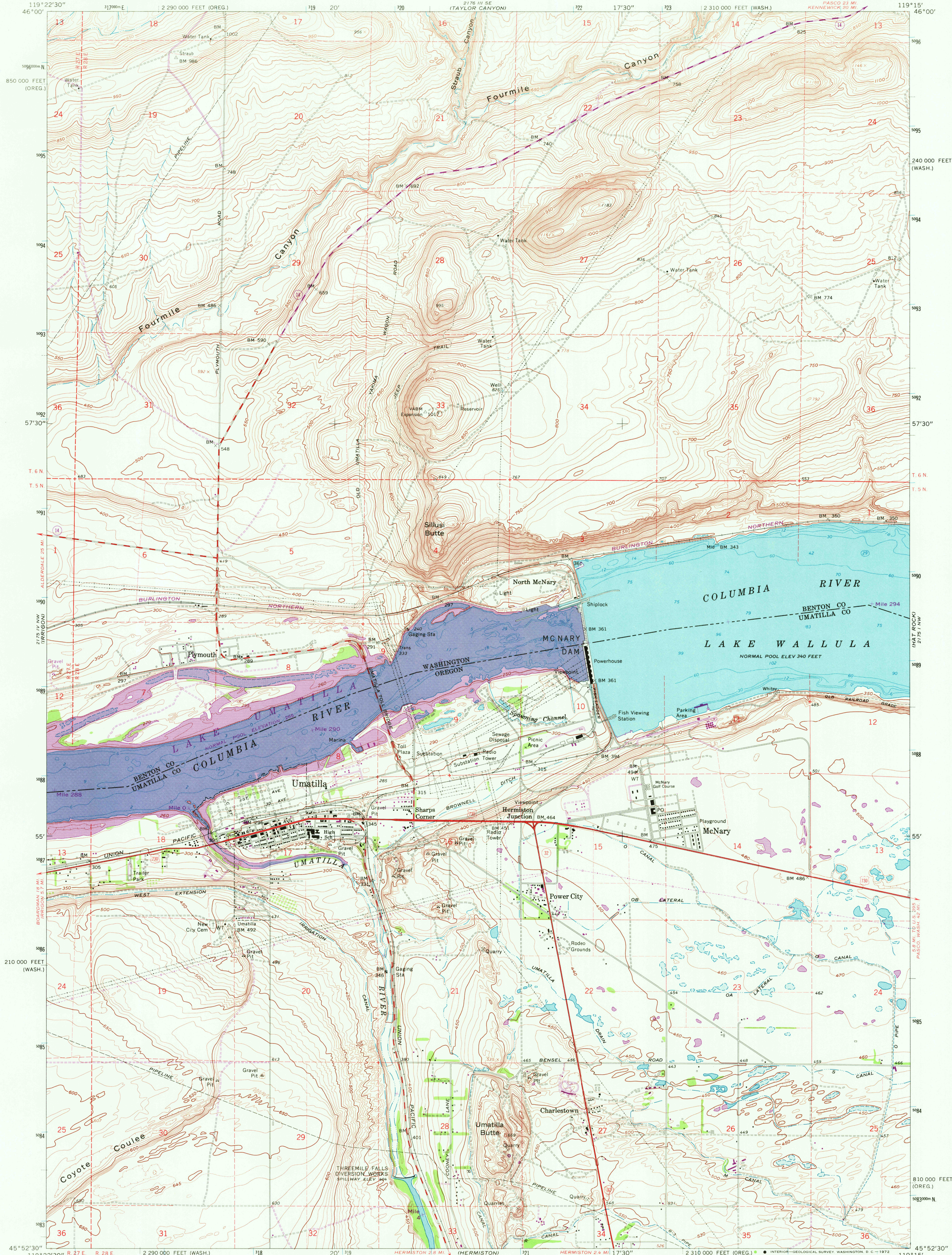


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UMATILLA QUADRANGLE
WASHINGTON-OREGON
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
photographs taken 1958 and 1960. Field checked 1962

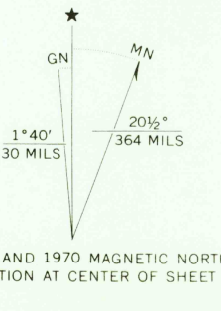
Selected hydrographic data compiled from
USC&GS Charts 6162 (1961) and 6163 (1962)

This information is not intended for navigational purposes

Polyconic projection. 1927 North American datum
10,000-foot grids based on Washington coordinate system,
south zone, and Oregon coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 11, shown in blue

Fine red dashed lines indicate selected fence lines

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



CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5 FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET
DATUM BELOW MCNARY DAM IS MEAN LOW WATER
GRADIENT ESTABLISHED BY CORPS OF ENGINEERS
DATUM ABOVE MCNARY DAM IS NORMAL POOL ELEVATION 340 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 ——— State Route ———
USGS
Historical File
Topographic Division
UMATILLA, WASH.-OREG.
N4552.5-W11915/7.5
1962
PHOTOREVISED 1970
AMS 2175 IV NE-SERIES V891



MAR 17 1972
3020

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION