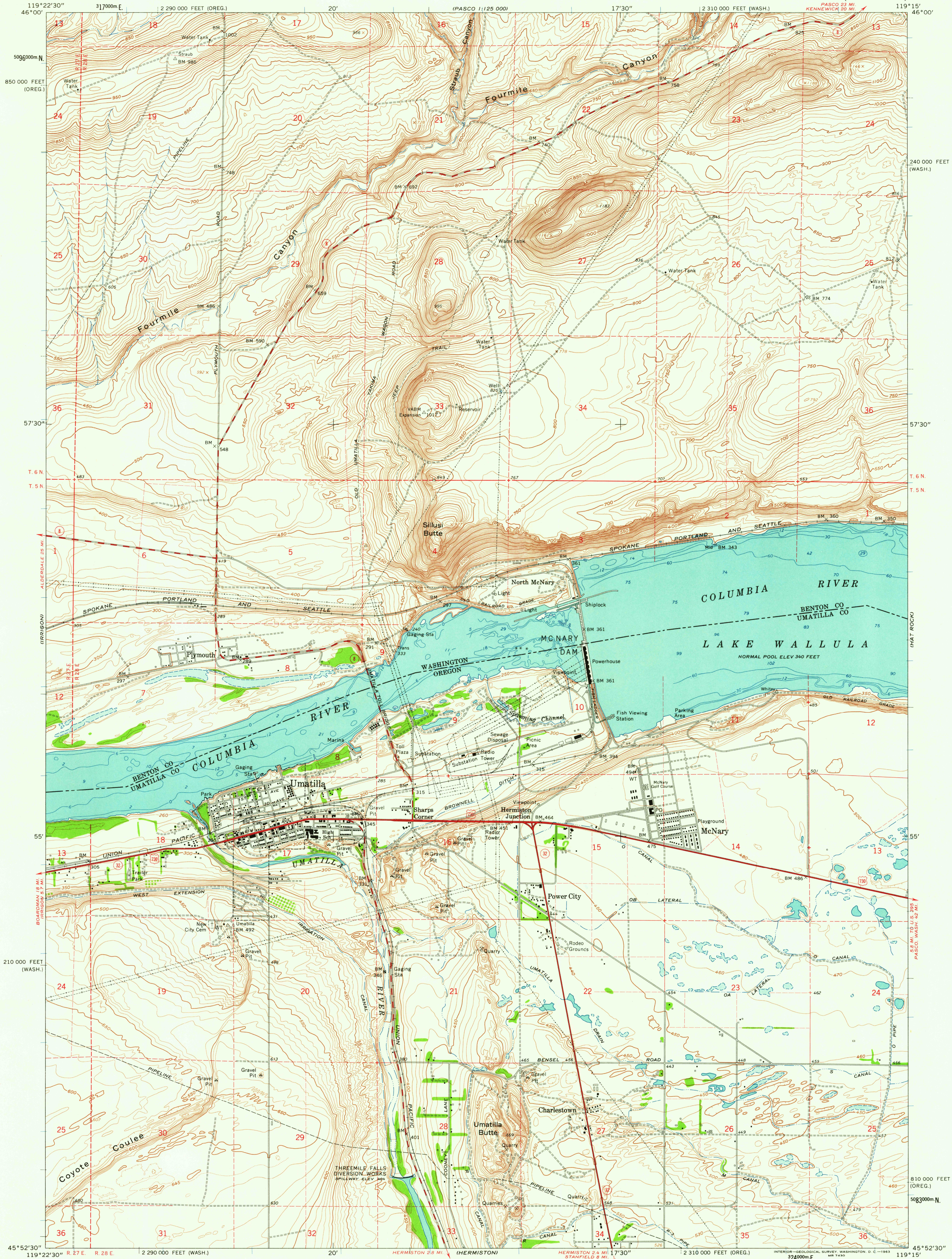


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UMATILLA QUADRANGLE
WASHINGTON-OREGON
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

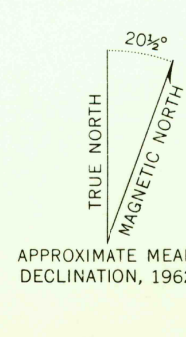
Control by USGS and USC&GS

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

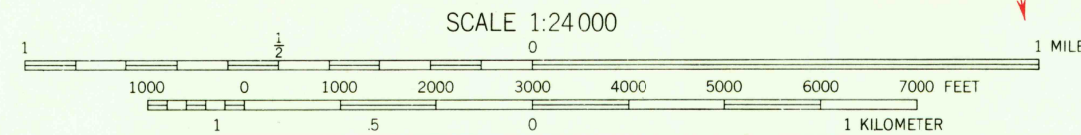
Selected hydrographic data compiled from USC&GS Charts 6162 (1961) and 6163 (1962). This information is not intended for navigational purposes

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



APPROXIMATE MEAN DECLINATION, 1962



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 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
U.S. Route ——— State Route ———

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION

UMATILLA, WASH.-OREG.
N45525-W11915/7.5
1962

USGS
Historical File
Topographic Division
JUL 11 1963

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