

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CHARLESTON QUADRANGLE
OREGON—COOS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 EMPIRE 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1969-70. Field checked 1970

Selected hydrographic data compiled from USC&GS Chart 5984 (1972)

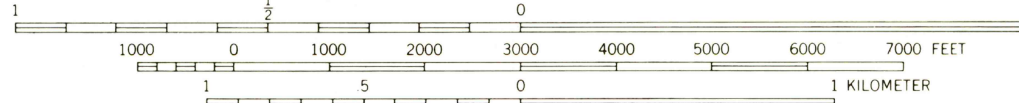
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: Oregon coordinate system, south zone (Lambert conformal conic)

1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue. 1927 North American datum

Areas covered by dashed light-blue pattern

are subject to controlled inundation



CONTOUR INTERVAL 40 FEET

DOTTED LINES REPRESENT 20-FOOT CONTOURS

DATUM IS MEAN SEA LEVEL

DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER

SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER

THE MEAN RANGE OF TIDE IS APPROXIMATELY 5 FEET

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

Primary highway, hard surface

Secondary highway, hard surface

Light-duty road, hard or improved surface

Unimproved road

Interstate Route

U. S. Route

State Route



QUADRANGLE LOCATION

CHARLESTON, OREG.

SE/4 EMPIRE 15' QUADRANGLE

N4315—W12415/7.5

1970

AMS 1170 IV SE—SERIES V892

AUG 26 1974

3050