UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SOUTH BEND QUADRANGLE
WASHINGTON – PACIFIC CO.
15 MINUTE SERIES (TOPOGRAPHIC)

1177 I (GRAYLAND) · 1277 I (MONTESANO) · 1277 IV (ABERDEEN)

124°00′ · 123°45′ · 46°45′ · 46°30′ · 1 180 000 FEET · 530 000 FEET

GRAYLAND 9 MI / DEXTER BY THE SEA 0.8 MI.

RAYMOND 1 MI / ABERDEEN 26 MI.

(CAPE DISAPPOINTMENT) 1176 I · (GRAYS RIVER) 1276 I · (CAPE SHOAL WATER) 1177 II · (RAYMOND) 1277 II

T. 15 N. · T. 14 N. · T. 13 N. · T. 12 N.

WILLAPA BAY · NAHCOTTA CHANNEL · BAY CENTER CHANNEL · RUSSELL CHANNEL · STANLEY CHANNEL · NEMAH RIVER · WILLAPA RIVER · NORTH RIVER · PACIFIC NORTHERN RAILROAD

Tokeland · Toke Point · US COAST GUARD RESERVATION · Empire Spit · Hawks Point · Range Point · Willapa Harbor Airport · Bruceport · Stony Point · Ellen Sands · Snag Islands · Pine Island · TIDAL FLAT · Wilson Point · Goose Point · Bay Center · RUSH PACIFIC PIONEER STATE PARK · Rhodesia Beach · Sandy Point · Bay Center Junction · Ramsey Point · Needle Point · Lynn Point · Nemah Jet · Nemah Flats · North Nemah · Nemah · State Salmon Hatchery · The Narrows · South Bend · MAILBOAT SLU · Quarry · Reservoir · Logger · Cleanwater Creek · Eagle Cr · Butte Cr · Johnson Slu · Kellogg Slu · Kindred Slu · Duck Slu · Norris Slu · Stuart Slu · Welsh Ranch · Potter Slu · Fredrickson Slu · Heron · Bruceport Park · Hussem Cr · Blunt River · Chehalem Road · Donaldson Creek · Minnie Creek · Full Cr · Pickernell Creek · Williams Creek · North Fork Creek · Finn Creek · Canyon · Middle Fork · South Fork · Freshwater Creek · Numaby R · Minks Ranch · Mission Azimuth · BAY CENTER DIKE ROAD · PALIX RIVER · Niawiakum River · Fork · Curve · Gates · Mudd · Cleop · Zine · Cable · Welsh Jet · Mission · Slevoigh · Bay · Needle 2 · Bruce 2 · Hawks 2 · Ellen 3 · Kellogg · Muddy · Light Mud · Heron · Quarries · Cut · Quarry · Gable · Zine · Reservoir · Curve · Needle 2 · Bay · Mission · Slevoigh · Minnie · Full Cr · Donaldson Creek · Chehalem Road · Williams Creek · North Fork Creek · Finn Creek · Canyon · Pickernell Creek · Freshwater Creek · Numaby R · Middle Fork · South Fork · Fork · Blunt River · Butte Cr · Eagle Cr · Cleanwater Creek · Johnson Slu · Kellogg Slu · Kindred Slu · Duck Slu · Norris Slu · Stuart Slu · Potter Slu · Fredrickson Slu · Welsh Ranch · Heron · Bruceport Park · Hussem Cr · Hawks 2 · Bruce 2 · Ellen 3 · Needle 2 · Bay · Mission · Slevoigh · Gates · Mudd · Cleop · Zine · Cable · Quarries · Cut · Quarry · Reservoir · Logger · Curve · Welsh Jet

MUD · TIDAL FLAT · Lights · Light · BM 74 · BM 93 · BM 261 · BM 365 · BM 22 · BM 16 · BM 40 · BM 10 · BM 19 · BM 13

INDEFINITE BOUNDARY · WILLAPA NATIONAL WILDLIFE REFUGE

MIDDLE NEMAH 1.1 MI. 5.7 MI. TO U.S. 830 · (FORT COLUMBIA) 1276 IV

R. 11 W. · R. 10 W. · R. 9 W. · R. 10 W. · R. 9 W.

Mapped, edited, and published by the Geological Survey in cooperation with the U. S. Coast and Geodetic Survey

Control by USGS, USC&GS, and USCE

Compiled in 1966 from 1:24 000-scale maps dated 1955 and 1957

Selected hydrographic data compiled from USC&GS Chart 6185 (1957)
This information is not intended for navigational purposes

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

Red tint indicates area in which only landmark buildings are shown

SCALE 1:62500

1 0 1 2 3 4 MILES
3000 0 3000 6000 9000 12000 15000 18000 21000 FEET
1 5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES 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 8 FEET

GN · MN · 0°38′ 11 MILS · 22° 391 MILS
UTM GRID AND 1957 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WASHINGTON
QUADRANGLE LOCATION

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

This area also covered by 7.5 minute, 1:24 000-scale maps: South Bend 1957, Bay Center 1957, Nemah 1957, and North Nemah 1955

SOUTH BEND, WASH.
N4630—W12345/15

1957

AMS 1277 III—SERIES V791

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

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

6245

DEC 20 1967

USGS
Historical File
Topographic Division