UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# ZANGAR JUNCTION QUADRANGLE
WASHINGTON–OREGON
7.5 MINUTE SERIES (TOPOGRAPHIC)

2276 III NW (HUMORIST)
2276 II NW (WELLAND)
2276 III NE (SLATER)
(RING) 2275 IV NE
(JUNIPER CANYON) 2275 IV NW
(SMELTZ) 2275 I NW
(TOUCHET) 2276 II SW
2276 III SW (WALLULA)

118° 52′ 30″ — 46° 07′ 30″ — 118° 45′ — 46° 00′

R. 31 E. — R. 32 E.

T. 8 N.
T. 7 N.
T. 6 N.

2 420 000 FEET (OREG) — 358 000mE — 50′ — 59 — 2 440 000 FEET (WASH) — 64 000mE

900 000 FEET (OREG)
290 000 FEET (WASH)
860 000 FEET (OREG)
250 000 FEET (WASH)

5109 000mN — 5108 — 5107 — 5106 — 5105 — 5′ — 5104 — 5103 — 5102 — 5101 — 5100 — 2′ 30″ — 5099 — 5098 — 5097 — 5096 000mN

Zangar Junction
Mile 10
Reese
Substation
Landing Strip
Mile 6
Mile 15
Gravel Pit
Spring
Well
Wallula 2

RIVER
WALLA WALLA
Canyon
Ninemile
Nansycle
Warm Springs
VALLEY
ROAD
LAMBDIN ROAD
GRADE ROAD
BYRNES ROAD
CUMMINS BRIDGE RD
PIPELINE
TELEPHONE
HATCH
4WD

BM 398
BM 403
BM 369
BM 388
BM 386
BM 528
BM 532
BM 426
BM 400
BM 418
BM 420
BM 473
BM 582
BM 640
BM 736
BM 803
BM 880
BM 485
BM 399

PASCO 18 MI.
WALLULA JUNCTION 18 MI.
TOUCHET 4.2 MI.
WALLA WALLA 20 MI.
HOLDMAN 12 MI.
HELIX 13 MI.

WALLA WALLA CO
UMATILLA CO
WASHINGTON
OREGON

Produced by the United States Geological Survey

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Compiled from aerial photographs taken 1959. Revised from aerial photographs taken 1988. Field checked 1991. Map edited 1991

North American Datum of 1927 (NAD 27). Projection and 10 000-foot grid ticks: Washington Coordinate System, south zone (Lambert Conformal Conic). 1000-meter Universal Transverse Mercator grid, zone 11

The difference between NAD 27 and North American Datum of 1983 (NAD 83) for 7.5 minute intersections is given in USGS Bulletin 1875. The NAD 83 is shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1991 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN — MN — 1°18′ 23 MILS — 18° 320 MILS

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

WASHINGTON
QUADRANGLE LOCATION

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

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA—1992

APR 1992

## ZANGAR JUNCTION, WASH.–OREG.
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1991

DMA 2276 III SE-SERIES V891