



Prepared by the Army Map Service (KCSX), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1956 by photogrammetric methods and from USGS and AMS quadrangles, 1:50,000 and 1:62,500, 1948-51. Horizontal and vertical control by USGS, USCGS and USCE. Planimetric detail revised by photogrammetric methods. Photogrammetry field annotated 1953. Limited revision by U.S. Geological Survey 1963

100,000-foot grid based on Washington coordinate system, south zone

ROAD DATA 1953 PARTIALLY REVISED 1963
 Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000	LOS ANGELES
100,000 to 500,000	OMAHA
25,000 to 100,000	GALVESTON
5,000 to 25,000	Laramie
1,000 to 5,000	Grand Coulee
Less than 1,000	Sun Valley

RAILROADS

Standard gauge	Single track	Double or Multiple
Narrow gauge	International	Landplane airport
Seaplane airport	Orchard	Woods-brushwood
Park or reservation	Approximate road alignment	

LEGEND

Landmarks: School; Church; Other	⊕
Horizontal control point; Windmill	⊙
Spot elevation in feet	227
Marsh or swamp	⊖
Intermittent or dry stream	⊖
Power line	⊖

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 200 FEET
 WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 11

1960 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 21°00' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 20°30' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°02' WESTERLY

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

LOCATION DIAGRAM

49° 11' N	114° 11' W	49° 11' N	114° 11' W
49° 10' N	114° 11' W	49° 10' N	114° 11' W
49° 9' N	114° 11' W	49° 9' N	114° 11' W
49° 8' N	114° 11' W	49° 8' N	114° 11' W
49° 7' N	114° 11' W	49° 7' N	114° 11' W
49° 6' N	114° 11' W	49° 6' N	114° 11' W
49° 5' N	114° 11' W	49° 5' N	114° 11' W
49° 4' N	114° 11' W	49° 4' N	114° 11' W
49° 3' N	114° 11' W	49° 3' N	114° 11' W
49° 2' N	114° 11' W	49° 2' N	114° 11' W
49° 1' N	114° 11' W	49° 1' N	114° 11' W
49° 0' N	114° 11' W	49° 0' N	114° 11' W

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

GRID ZONE DESIGNATION

11T UTM

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

1. Read letters identifying 100,000 meter square in which the point lies.

2. Locate the vertical, and line to left of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.

3. Estimate tenths from grid line to point.

4. Locate the horizontal grid line below point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.

5. Estimate tenths from grid line to point.

6. Combine the letters and figures in the order shown to give the full grid reference.

7. Example: 5100000

8. If reporting known in any direction, prefix Grid Zone Designation, as: 11TUB760

WALLA WALLA, WASHINGTON; OREGON

1953

Historical File
 Topographic Division

LIMITED REVISION 1963

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