

Prepared by the Army Map Service (AMS), Corps of Engineers, U.S. Army, Washington, D.C. Compilers in 1953 by photogrammetric methods from oblique and aerial photography. Scale 1:250,000. 1:250,000. Planimetric detail revised by photogrammetric methods. Photography first reported 1951. Limited revision by U.S. Geological Survey, 1965.

Structures partly after Newcomb (1970) and Grollier and Bingham (1965)

LEGEND
 UAD DATA 1963 PARTIALLY REVISED 1963

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	Other

ROADS

Hard surface, heavy duty	More than two lanes wide
Hard surface, medium duty	Two lanes wide
Hard surface, light duty	Two lanes wide
Improved light duty	Two lanes wide
Dirt	Two lanes wide
Trail	Two lanes wide

RAILROADS

Standard gauge	Double or triple track
Narrow gauge	Single track
Interurban	Single track
State	Single track
County	Single track
Park or reservation	Single track

LANDMARKS

School	Church	Other
Horizontal control point	Vertical control point	Spot elevation in feet
Marsh or swamp	Interruption of dry stream	Flow line

BOUNDARIES

State	County	Parish or reservation
Land grant	Indian reservation	Approximate road alignment

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

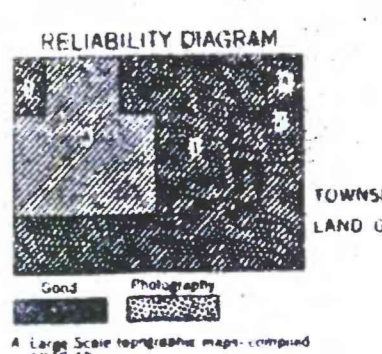
0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 200 FEET
 WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
 TRANSVERSE MERCATOR PROJECTION

1880 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 11°30' EASTERLY TO THE CENTER OF THE SHEET TO 10°30' EASTERLY FOR THE CENTER OF THE SHEET. MEAN ANNUAL CHANGE IS 0'00" WESTERLY.

LOCATION DIAGRAM FOR NL 114

108	109	110	111	112
105	106	107	108	109
102	103	104	105	106
99	100	101	102	103
96	97	98	99	100
93	94	95	96	97
90	91	92	93	94
87	88	89	90	91
84	85	86	87	88
81	82	83	84	85
78	79	80	81	82
75	76	77	78	79
72	73	74	75	76
69	70	71	72	73
66	67	68	69	70
63	64	65	66	67
60	61	62	63	64
57	58	59	60	61
54	55	56	57	58
51	52	53	54	55
48	49	50	51	52
45	46	47	48	49
42	43	44	45	46
39	40	41	42	43
36	37	38	39	40
33	34	35	36	37
30	31	32	33	34
27	28	29	30	31
24	25	26	27	28
21	22	23	24	25
18	19	20	21	22
15	16	17	18	19
12	13	14	15	16
9	10	11	12	13
6	7	8	9	10
3	4	5	6	7
0	1	2	3	4



SECTIONALIZED TOWNSHIP

6	5	4	3	2	1
17	16	15	14	13	12
27	26	25	24	23	22
37	36	35	34	33	32
47	46	45	44	43	42
57	56	55	54	53	52
67	66	65	64	63	62
77	76	75	74	73	72
87	86	85	84	83	82
97	96	95	94	93	92

WALLA WALLA, WASHINGTON, OREGON
 1953
 LIMITED REVISION 1965

FIGURE 4.-- Major geologic structures, areas of detailed mapping, and epicenters of seismic events occurring during March 23 to December 31, 1969. Numbers refer to those in table 2. For explanation of geologic symbols see figure 5