



Base 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, USC&GS and USCE. Planimetric detail revised by photogrammetric methods. Photography field annotated 1953. Limited revision by U.S. Geological Survey, 1963.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS
 — WASHINGTON SOUTH — OREGON NORTH
 INDEX TO COUNTY BOUNDARIES
 (See county designations list for county identification)

PLANE COORDINATE ZONES
 WASHINGTON SOUTH OREGON NORTH

HORIZONTAL CONTROL

Coast & Geodetic Survey

- Monumented Point - First Order
- Monumented Point - Second Order
- Monumented Point - Third Order
- Located Object - Third Order
- See separate index for names of numbered stations
- Station reported not recovered
- Measured Base - Electronic or Taped
- Line of triangulation observed
- Line of triangulation observed from one end only
- Measured Length - Electronic or Taped
- Theodolite Traverse - Electronic Distance
- Transit Traverse - Taped Distance Third Order
- Transit Traverse and Leveling Third Order

Geological Survey

- Monumented Point - First Order
- Monumented Point - Second Order
- Monumented Point - Third Order
- Located Object - Third Order

VERTICAL CONTROL

Coast & Geodetic Survey

- First Order
- Second Order
- Third Order

Geological Survey

- First Order
- Second Order
- Third Order

STATE SURVEY CONTROL

- Horizontal or Vertical

ROADS

- Hard surface, heavy duty
- Two lanes wide, Federal route marker
- Hard surface, medium duty
- More than two lanes wide
- Two lanes wide, State, Interstate route markers
- Improved light duty
- Unimproved dirt
- Trail

RAILROADS

- Standard gauge
- Narrow gauge
- International
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

LEGEND

SECTIONED 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

TRANSVERSE MERCATOR PROJECTION

LOCATION DIAGRAM FOR NL 11-4

TOWNSHIP OR RANGE LINE
 LAND GRANT BOUNDARY

COAST AND GEODETIC SURVEY
 THIRTY MINUTE QUADRANGLE DESIGNATION

COUNTY DESIGNATIONS

INDEX TO COUNTY BOUNDARIES

ORDER CONTROL DATA, SHOWN IN BLACK, BY 30 MINUTE QUADRANGLE UNITS FROM COAST & GEODETIC SURVEY, ESSA, ROCKVILLE, MARYLAND 20852.

GEOLOGICAL SURVEY
 FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

ORDER CONTROL DATA, SHOWN IN RED, BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242.

WASHINGTON

1	Klickitat
2	Tillamook
3	Clatsop
4	Grant
5	Benton
6	Adams
7	Franklin
8	Whitman
9	Columbia
10	Walla Walla
11	Umatilla

WASHINGTON (Cont.)

35	Walla Walla No. 4
36	Walla Walla No. 3
37	Walla Walla No. 4
38	Walla Walla No. 3
39	Prosser
40	Blagden Mtn.
41	Whitman
42	Prosser
64	Walla Walla No. 1
65	Walla Walla No. 2
66	Walla Walla No. 1
67	Carlyle
68	Etna
69	Richland
70	Grant Canyon
71	Corvallis
93	Starbuck
94	Hess

OREGON

95	Connet No. 4
96	Connet No. 3
97	Mesa
98	Hanford
99	Coquille Rapids
100	Prosser
101	Prosser
102	Benge
103	Walla Walla
104	Connet No. 1
105	Connet No. 2
106	Othello
107	Carlyle
108	Seaside
109	Beverly
110	No duplicate names or numbers

WALLA WALLA, WASH.; ORE.
 APRIL 1968

U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
 FORM - 6471 (1-63)
 DATE : NOVEMBER 1969

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

QUADS 461181-2-3-4 & 461191-2-3-4
 WASH
 LATITUDE 46°00' TO 47°00'
 LONGITUDE 118°00' TO 120°00'
 DIAGRAM NL 11-4 WALLA WALLA

KEY NO.	STATION NAME	QUAD NO.	STATION NO.	KEY NO.	STATION NAME	QUAD NO.	STATION NO.
1	FISH HOOK RAPIDS LIGHT 9			32	GAUGING STATION (USGS) RM 1		
2	FISH HOOK RAPIDS LIGHT 10			33	S 31-S 32 1/4 (USBR)		
3	PAGE RAPIDS LIGHT 11			34	HOMLEY (USE)		
4	PAGE PAPIIDS LIGHT 12			35	BLACK (USE)		
5	PAGE RAPIDS LIGHT 13			36	ATTALIA (USE)		
6	ANCHOR CANYON LIGHT 15			37	STRAW (USE)		
7	ANCHOR CANYON LIGHT 17			38	PERRINES (USE)		
8	ANCHOR CANYON N DAYBEACON 16			39	FLATEAU (USE)		
8	ANCHOR CANYON S DAYBEACON 16			40	BURRS (USE)		
9	BM R 211 (USE)			41	HEAD (USE)		
10	HOP			42	TIGER (USE)		
11	PIT			43	HANDLE (USE)		
11	ANCHOR RAPIDS LIGHT 23			44	NO 15 (USE)		
12	SNAKE RIVER LIGHT 25			45	PERNT (USE)		
13	SIMMONS LIGHT 26			46	NO 18 (USE)		
14	FORD ISLAND LIGHT 31			47	VAN (USE)		
15	DRY			48	END (USE)		
15	FORD ISLAND LIGHT 33			49	NO 24 (USE)		
16	WINDUST LIGHT 53			49	HARD ROCK PT. LIGHT 3		
17	FARRINGTON			50	PASCO, BLACK STACK		
17	WINDUST, RR WOODEN WATER TANK, ELEVATED			51	PASCO, RADIO STATION KORD, MAST		
18	BLOW RESET (USE)			52	KENNEWICK, TELEVISION STATION KTRX, MAST		
18	BLOW (USE)			53	PASCO, RADIO STATION KALE, CENTER MAST		
19	HARBOR (USE)			54	RICHLAND LIGHT		
20	NET (USE)			55	BPA MICRO WAVE MAST, 8 MILES S OF KENNEWICK		
20	ISLAND (USE)			57	RESERVOIR (USE)		
21	NO. 21 (USE)			57	GOLF (USE)		
22	GAL (USE)			58	AINSWORTH (USE)		
23	ICE (USE)			59	WHITE BLUFF (USGS)		
23	DAM			59	USGS MARK (USE)		
23	ICE HARBOR DAM LIGHT 1			60	PASCO, COURT HOUSE, DOME		
24	DODGE (USE)			60	PASCO, MUNICIPAL TANK, ELEVATED (W ONE OF TWO)		
25	ROD (USE)			61	SACAJAWEA 2		
27	AYERS, ROCK CAIRN, CENTER			61	SACAJAWEA		
28	MARTINDALE (USE)			63	PASCO, MUNICIPAL TANK, ELEVATED (E ONE OF TWO)		
29	LEVEY						
29	USBR MARK S7, S8, 1/4						
30	RIDGE (USE)						
31	5 MILE (USE)						
31	5 MILE RESET (USE)						

U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
 FORM - 6471 (1-63)
 DATE : NOVEMBER 1969

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

Page 2

QUADS 461181-2-3-4 & 461191-2-3-4
 WASH
 LATITUDE 46° 00' TO 47° 00'
 LONGITUDE 118° 00' TO 120° 00'
 DIAGRAM NL 11-4 WALLA WALLA

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.	KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
64	PASCO, NAVAL AIR STATION, TANK ELEVATED (NW ONE OF TWO)						
65	PASCO, NAVAL AIR STATION, TANK, ELEVATED (SE ONE OF TWO)						
66	BADGER (USE)						
66	ERIE (USGS)						
67	RICHLAND						
68	BUYERS						
68	W 1/16 S36, S1 (USBR)						
69	McCOY CAIRN, NEAR McCOY						
70	PASCO, TANK, ELEVATED, WOOD						
71	PASCO, STATION KPKW RADIO, MAST						
72	RICHLAND, MUNICIPAL TANK NO 1, ELEVATED						
73	RICHLAND, MUNICIPAL TANK NO 2, ELEVATED						
74	RICHLAND, CONCRETE STACK						
75	RICHLAND, MUNICIPAL TANK NO 3, ELEVATED						
76	POCKO (USE)						
77	PUMPER (USE)						
78	HIVE (USE)						
79	CORNER (USE)						
80	COLYAK (USE)						
81	POLE (USE)						
82	ESTATE (USE)						
83	GRAPE (USE)						
84	APPROACH (USE)						
85	HANSON (USE)						
86	PHILLIPS PACIFIC CHEMICAL CO LIGHT						
87	SCHIN (USE)						
88	RED (USE)						
89	JONES (USE)						
90	ALMOND (USE)						
91	WRESTLE (USE)						
92	T9N, R2BE, SEC 26, W 1/16 CORNER (USE)						
93	ABAN (USE)						
93	ABAN RESET (USE)						