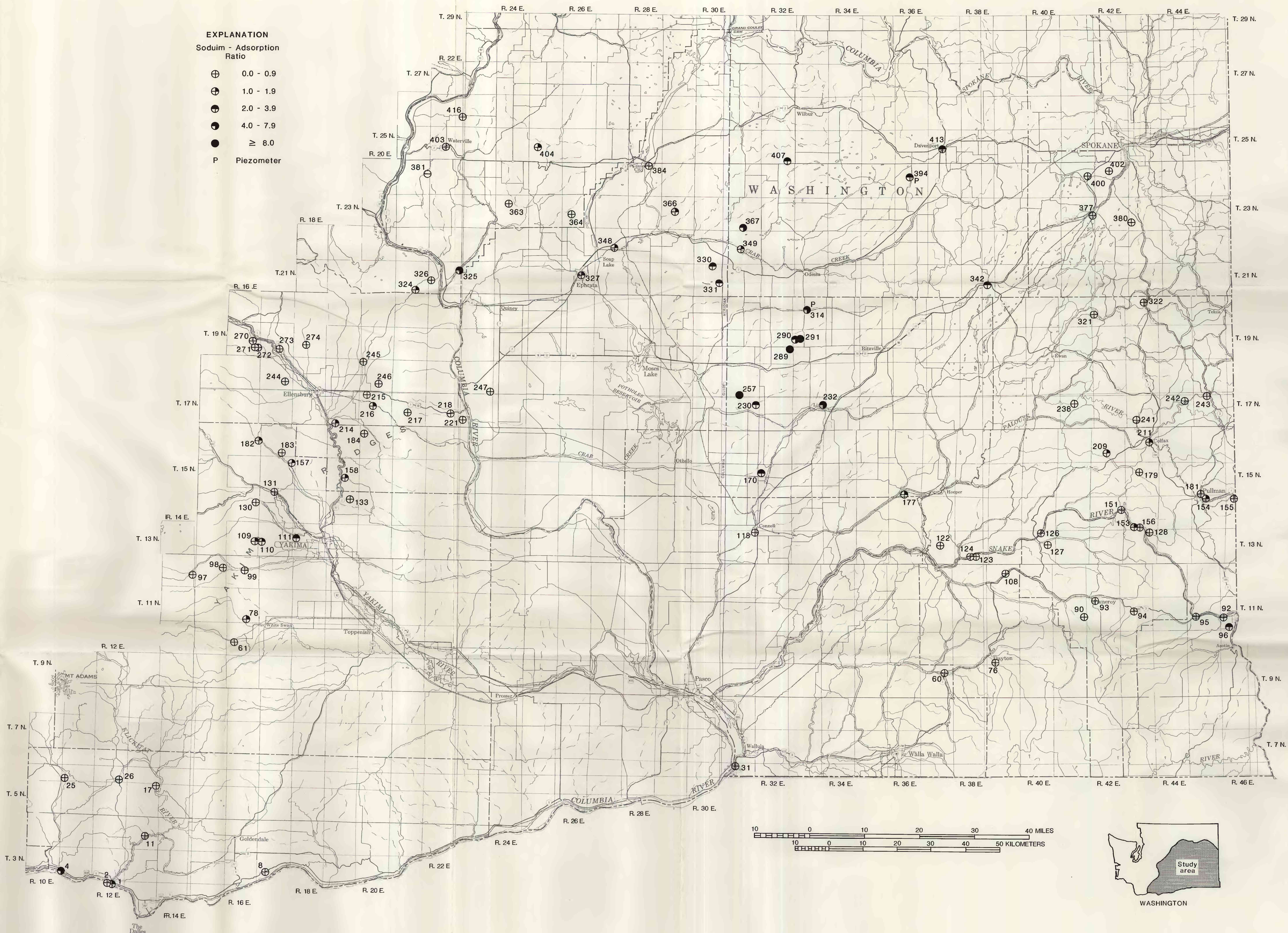


Map No.	Well No.	Depth below land surface (ft.)	Water use	Dissolved sodium (mg/L)	Sodium adsorption ratio	Specific conductance (umho/cm at 25°C)
1	02/13E-03001	340	F	22	1.0	270
2	02/12E-03001	175	F	12	1.4	355
4	05/11E-30001	423	F	39	4.3	213
8	03/17E-20001	1,118	N	15	1.6	323
11	04/13E-22001	143	H	8	1.3	203
17	05/13E-01001	297	H	4	1.2	130
25	06/11E-31001	223	H	4	1.4	85
26	06/12E-30001	202	H	9	1.3	290
31	06/31E-04001	96	H	31	1.8	706
60	09/37E-11001	342	F	10	1.4	255
61	10/16E-20001D1	425	F	8	1.3	269
76	10/39E-32001	1,445	F	8	1.4	215
78	11/16E-34002	457	H	32	1.1	488
90	11/41E-24001	140	N	16	1.5	465
92	11/46E-19001	330	N	18	1.8	238
93	11/45E-05001	347	F	9	1.4	320
94	11/43E-16001	575	H	12	1.5	313
95	11/45E-20001D1	190	F	22	1.6	625
96	11/46E-32001	1,340	F	35	2.4	253
97	12/14E-24101	70	H	12	1.7	175
98	12/15E-13001	480	H	6	1.4	185
99	12/16E-15001D1	806	I	11	1.6	176
108	12/39E-10001	305	I	8	1.4	208
109	13/16E-24001	1,466	I	21	1.3	198
110	13/17E-19001	800	I	21	1.3	193
111	13/18E-18001	1,051	F	34	2.1	250
118	13/17E-01001	1,325	F	23	1.7	343
122	13/37E-15401	850	H	34	1.9	615
123	13/38E-12001	399	H	19	1.4	222
124	13/38E-28001	1,658	H	10	1.0	286
126	13/40E-03001	278	I	14	1.5	350
127	13/40E-14001	250	I	12	1.4	392
128	13/43E-02001	250	H	18	1.7	313
130	14/16E-13001	889	F	10	1.0	209
131	14/17E-04002	1,000	F	8	1.5	163
133	14/19E-11101	623	H	17	1.7	304
151	14/42E-13001	90	F	29	1.8	625
153	14/43E-32001	220	F	29	1.7	248
154	14/45E-04001	702	T	26	1.0	323
155	14/46E-05001	338	N	12	1.5	275
156	14/43E-33001	340	H	16	1.6	262
157	15/17E-12001	550	I	23	1.9	166
158	15/19E-22001	1,283	I	29	1.6	250
170	15/32E-07101	1,896	I	57	3.9	342
177	15/36E-13402	310	I	39	1.4	430
179	15/43E-09001	207	H	17	1.7	286
181	15/45E-32002	954	F	23	1.9	301
182	16/16E-24001D1	818	I	24	1.6	212
183	16/17E-34001D1	326	I	5	1.80	180
184	16/20E-07001	543	I	17	1.7	342
209	16/42E-28001	185	I	23	1.0	315
211	16/43E-14002	750	F	23	1.0	279
214	17/19E-32001	715	I	48	1.6	345
215	17/20E-05001	450	I	23	1.8	424
216	17/20E-16101	127	H	35	1.3	425
217	17/21E-21101	631	H	13	1.5	279
218	17/22E-23001	310	H	30	1.9	351
221	17/23E-30001	200	H	27	1.7	665
230	17/31E-12001	1,953	I	46	3.2	292
232	17/33E-12002	1,600	F	53	4.2	298
238	17/41E-09001	95	H	17	1.6	337
241	17/43E-29001	207	H	21	1.9	297
242	17/44E-11101	88	H	9	1.4	262
243	17/45E-04001	380	F	19	1.8	271
244	18/17E-26001	340	H	12	1.7	179
245	18/20E-06001	380	H	6	1.3	182
246	18/20E-27401	465	I	15	1.9	173
247	18/23E-30001	469	H	13	1.4	345
257	18/31E-33001	2,400	I	88	17.0	392
270	19/16E-23001D1	585	H	7	1.3	239
271	19/16E-25001	464	F	11	1.5	200
272	19/16E-25002	500	U	11	1.7	156
273	19/17E-27001	341	H	19	1.7	371
274	19/18E-21401	700	I	10	1.0	212
289	19/32E-24001	2,245	I	89	25.5	401
290	19/33E-07001	1,725	I	38	3.8	316
291	19/33E-08002	2,434	I	48	12.6	310
314	20/33E-16006	704	U	62	5.4	320
321	20/42E-15101	241	H	9	1.4	276
322	20/43E-10001	308	F	19	1.8	290
324	21/21E-34401	52	H	19	1.1	210
325	21/22E-12001D1	767	I	64	4.8	343
326	21/22E-18002	98	H	15	1.6	315
327	21/26E-15001	1,850	F	24	1.1	281
330	21/30E-03002	1,345	I	50	2.7	406
331	21/30E-21101D1	1,335	I	56	3.6	374
342	21/38E-21101	502	F	34	2.1	249
348	22/27E-22001	345	H	24	1.6	194
349	22/31E-21001	100	I	16	1.2	240
363	23/24E-09001	625	H	15	1.5	236
364	23/26E-20003	940	U	33	1.8	254
366	23/29E-16001	935	I	28	1.4	275
367	23/31E-33001	685	I	35	4.1	352
377	23/41E-24001D1	300	H	20	1.6	452
380	23/43E-30003	360	I	15	1.7	265
381	24/21E-13403	475	H	7	1.4	220
384	24/28E-03001	550	F	19	1.9	273
394	24/38E-14008	750	U	40	3.0	241
400	24/41E-14001	775	F	16	1.8	208
402	24/42E-09003	325	H	4	1.1	323
403	25/22E-21001D1	615	F	24	1.6	592
404	25/23E-20001	640	H	20	1.0	260
407	25/25E-33001	1,139	I	39	2.4	260
413	25/37E-21101	975	F	45	3.1	284
416	26/22E-23001	325	H	7	1.4	217

EXPLANATION
Sodium - Adsorption Ratio

- ⊕ 0.0 - 0.9
- ⊕ 1.0 - 1.9
- ⊕ 2.0 - 3.9
- 4.0 - 7.9
- ≥ 8.0
- P Piezometer



Each well on the map is assigned a number to reference the well to the accompanying table.
 Symbols for water use are H, household; I, irrigation; J, industrial cooling; N, industrial; P, public supply; S, stock; T, institution; U, unused.

Base from U.S. Geological Survey
State base, 1:500,000

PLATE 2.--AREAL VARIATION OF SODIUM CONCENTRATION, SODIUM-ADSORPTION RATIO, AND SPECIFIC CONDUCTANCE IN GROUND WATERS WITHIN GRANDE RONDE BASALT, COLUMBIA PLATEAU, WASHINGTON.