

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)
3	02/15E-18A01D1	300	H	19	.8	335
5	03/13E-31L01	311	H	9	.4	285
6	03/15E-28P01	340	I	13	.7	205
7	03/16E-05O01	222	H	9	.5	142
9	04/11E-23P01	82	H	6	.3	210
10	04/12E-22P01	400	H	3	.2	110
12	04/14E-01B01D1	700	I	31	1.0	477
13	04/13E-03A02	280	H	20	.9	266
15	04/16E-17H01	305	I	14	.5	409
16	04/18E-17D01	352	H	6	.4	167
18	05/13E-26B01	105	H	7	.3	288
19	05/13E-15A01	362	H	4	.3	158
20	05/16E-27H02	380	H	7	.3	143
21	05/18E-29F01	350	H	7	.3	287
22	05/22E-27P01D1	812	I	56	3.6	369
23	05/23E-30D01	843	I	64	2.4	349
28	06/23E-24B01	965	I	44	5.7	353
33	06/34E-07R01	1,660	I	90	12.0	520
38	08/24E-01J01	1,264	F	77	6.0	407
39	08/24E-15F01	410	H	14	.5	425
41	08/27E-01J01	510	P	22	.8	464
42	08/28E-07F01	435	P	81	3.7	579
46	09/32E-21N01	703	I	19	.7	400
53	09/27E-16M01	823	F	56	3.4	349
53	10/18E-31N01	1,044	I	31	1.3	344
65	10/22E-25F02	1,162	P	13	.5	316
69	10/28E-28I02	923	I	56	3.4	387
74	10/32E-03B01	540	H	61	1.8	728
75	10/32E-23I01	300	H	24	1.3	246
80	11/21E-07F01	1,620	I	68	14.0	308
81	11/21E-22O02	1,815	I	41	3.5	239
89	11/38E-27D01	117	H	18	.5	510
100	12/19E-18F01	500	I	8	.4	262
101	12/20E-31B01	1,158	I	43	2.2	302
102	12/21E-17Q01	1,551	I	37	2.2	247
104	12/24E-30B01	1,280	I	21	1.0	267
113	13/21E-12D01	135	H	12	.6	209
113	13/24E-27O01	970	I	26	1.1	307
113	13/28E-13N01	1,119	F	75	18.0	378
113	13/32E-03G01	300	I	50	2.1	246
120	13/32E-07B02	652	H	18	.7	306
129	13/42E-03P01	120	H	14	.5	402
134	14/19E-15M01	433	H	20	.9	302
138	14/23E-13D01	220	I	30	1.8	245
138	14/23E-36L02	92	P	9	.3	351
142	14/30E-10P01	105	P	21	.8	373
144	14/34E-25P01D1	60	H	40	1.0	828
147	14/39E-14B01	454	H	16	.5	426
149	14/41E-34B01	993	I	29	.9	500
150	14/42E-04F01	304	H	17	.6	329
160	15/23E-35J01	480	T	12	.7	229
161	15/23E-35F01	342	F	21	1.2	214
169	15/31E-31B01	380	H	18	.8	244
174	15/33E-15M02	970	H	15	.4	625
175	15/33E-02D01	256	H	26	1.2	295
178	15/40E-19R01	250	H	11	.4	407
186	16/23E-21N01	173	H	19	1.1	329
192	16/28E-05N01	290	H	47	1.3	681
196	16/31E-33P01	540	H	31	1.4	354
200	16/33E-17B02	600	H	15	.6	210
201	16/34E-13B02	400	H	9	.4	234
205	16/36E-11H01D1	200	I	8	.3	361
206	16/38E-04B01D1	300	S	40	1.0	765
207	16/39E-22J01	400	H	45	1.6	236
208	16/41E-16K01	90	H	23	.7	503
210	16/42E-34L01	141	H	18	.7	381
212	16/43E-17A01	120	H	8	.5	248
213	16/44E-26J01	125	H	9	.5	196
219	17/23E-02B01	364	I	9	.3	388
222	17/24E-22L01	280	H	47	1.4	661
223	17/26E-18B01	310	H	72	2.0	790
225	17/29E-24G01	210	I	86	3.9	840
228	17/31E-07E01	126	H	45	1.1	770
232	17/34E-23F01	165	H	52	1.1	990
234	17/35E-11H01D2	369	I	13	.6	285
236	17/38E-02K01	140	H	18	.5	659
237	17/40E-20K01	60	H	56	1.5	695
239	17/41E-30B01	175	P	26	.8	437
240	17/42E-01F01	199	H	10	.4	244
248	18/24E-04D02	280	I	15	.5	431
249	18/26E-32C01	450	H	30	.9	559
252	18/29E-02A01	270	I	68	3.7	623
253	18/30E-16M01	185	H	45	1.9	1,090
258	18/32E-16C02	280	H	51	3.9	328
259	18/33E-12C02	500	I	24	1.1	401
260	18/35E-04B01	180	H	11	.5	249
262	18/35E-12D01	234	S	26	.6	772
263	18/37E-09C02	294	I	15	.5	335
264	18/38E-28H02	155	S	9	.4	214
265	18/38E-29D01	125	S	8	.4	213
266	18/41E-04E01	119	H	10	.3	354
267	18/42E-23B01	225	H	8	.4	248
268	18/43E-32B01	85	H	8	.6	279
275	19/23E-22H01	111	P	10	.3	599
277	19/26E-36B01	515	I	35	1.3	414
278	19/27E-30N01	460	H	46	1.8	475
280	19/29E-08L01	273	H	27	.9	345
284	19/30E-33B01	245	S	30	1.3	345
285	19/36E-05B01	155	I	32	1.1	794
296	19/38E-14K02	200	I	28	1.2	440
299	19/42E-15B01	185	H	37	1.5	370
301	19/44E-22F01	280	H	11	.5	227
302	20/23E-16C01	238	H	18	.5	355
303	20/25E-17Q01	158	H	17	.6	367
305	20/28E-11B01	110	H	19	.6	422
308	20/29E-35B01	112	H	29	1.0	435
311	20/32E-15D02	220	H	7	.7	387
313	20/33E-16E03	310	U	43	2.2	352
315	20/34E-13N01	315	H	51	1.7	602
317	20/35E-34M02	320	H	11	.4	423
318	20/37E-32D01	180	H	14	.5	396
319	20/39E-12B02	284	H	13	.6	223
323	20/44E-12B01	145	H	6	.6	317
328	21/28E-19F02	115	I	26	1.0	380
329	21/28E-36R01	138	H	6	.3	200
335	21/33E-24B01	120	I	113	2.0	1,620
336	21/34E-14B01	150	S	33	.8	860
338	21/34E-35A01	237	H	37	1.0	399
339	21/36E-27F02	200	H	29	1.2	443
340	21/38E-14E01	178	H	20	.7	425
341	21/38E-14J01	158	H	16	.7	371
345	21/43E-07G01	225	H	9	.5	200
346	22/24E-04C02	105	I	7	.3	196
351	22/33E-02B01	145	H	8	.5	446
353	22/34E-18N01	45	H	24	.9	393
354	22/35E-13N01	67	H	123	4.1	884
359	22/38E-02D01D1	300	I	14	.5	315
361	22/41E-18G01D1	156	H	15	.4	817
368	23/31E-10A01	146	H	23	.5	847
370	23/35E-30P01	240	H	16	.5	512

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)
371	23/36E-13N01	247	I	19	.5	490
372	23/37E-29F01	213	H	21	.8	329
375	23/38E-12A01	100	P	18	.8	274
375	23/40E-32B01D1	140	H	12	.5	142
376	23/41E-04E01	100	H	8	.4	189
378	23/42E-22F01	52	H	7	.4	184
379	23/43E-06G01	125	H	8	.4	198
383	24/26E-00B01	205	H	12	.4	409
385	24/29E-27F01	242	H	60	1.7	802
386	24/31E-14D01	250	H	27	1.4	268
387	24/33E-06G01	185	H	16	.7	259
388	24/33E-18B01	350	H	18	.9	245
390	24/36E-03D01	125	H	9	.5	181
391	24/36E-16A02	160	U	12	.5	297
392	24/36E-16A04	261	U	17	1.0	203
393	24/36E-16A05	365	U	38	2.3	295
395	24/37E-06G01	165	H	15	.7	237
396	24/38E-02D01	85	H	26	1.0	430
397	24/39E-28R01	100	H	12	.4	280
398	24/40E-05Q01	50	H	24	.9	370
399	24/41E-01J02	60	I	24	.9	381
401	24/42E-02E02	100	I	24	.9	366
405	25/20E-01J01	220	H	43	1.3	595
406	25/32E-17K01	300	H	16	.6	349
408	25/33E-01B01	60	I	19	.7	360
410	25/35E-03B01D1	200	H	24	.9	406
412	25/36E-27Q01	324	I	11	.6	233
414	25/37E-27B01	100	H	11	.6	191
415	25/38E-13N01	121	H	26	1.0	420
417	26/32E-26D01	166	H	17	.9	211
418	26/33E-07B01	154	I	37	1.0	258

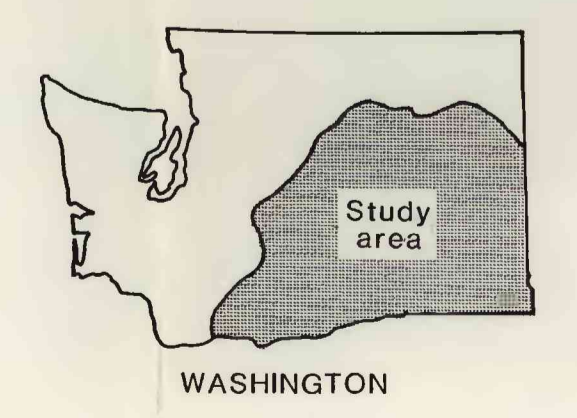
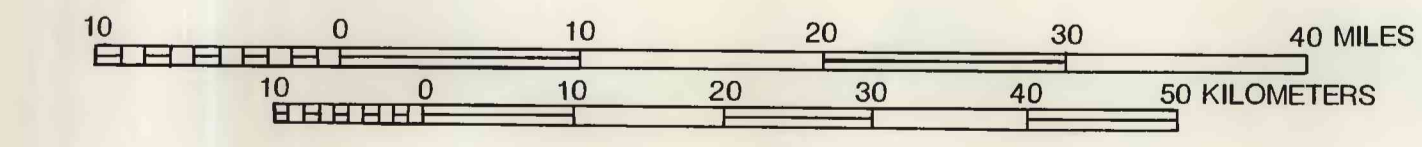
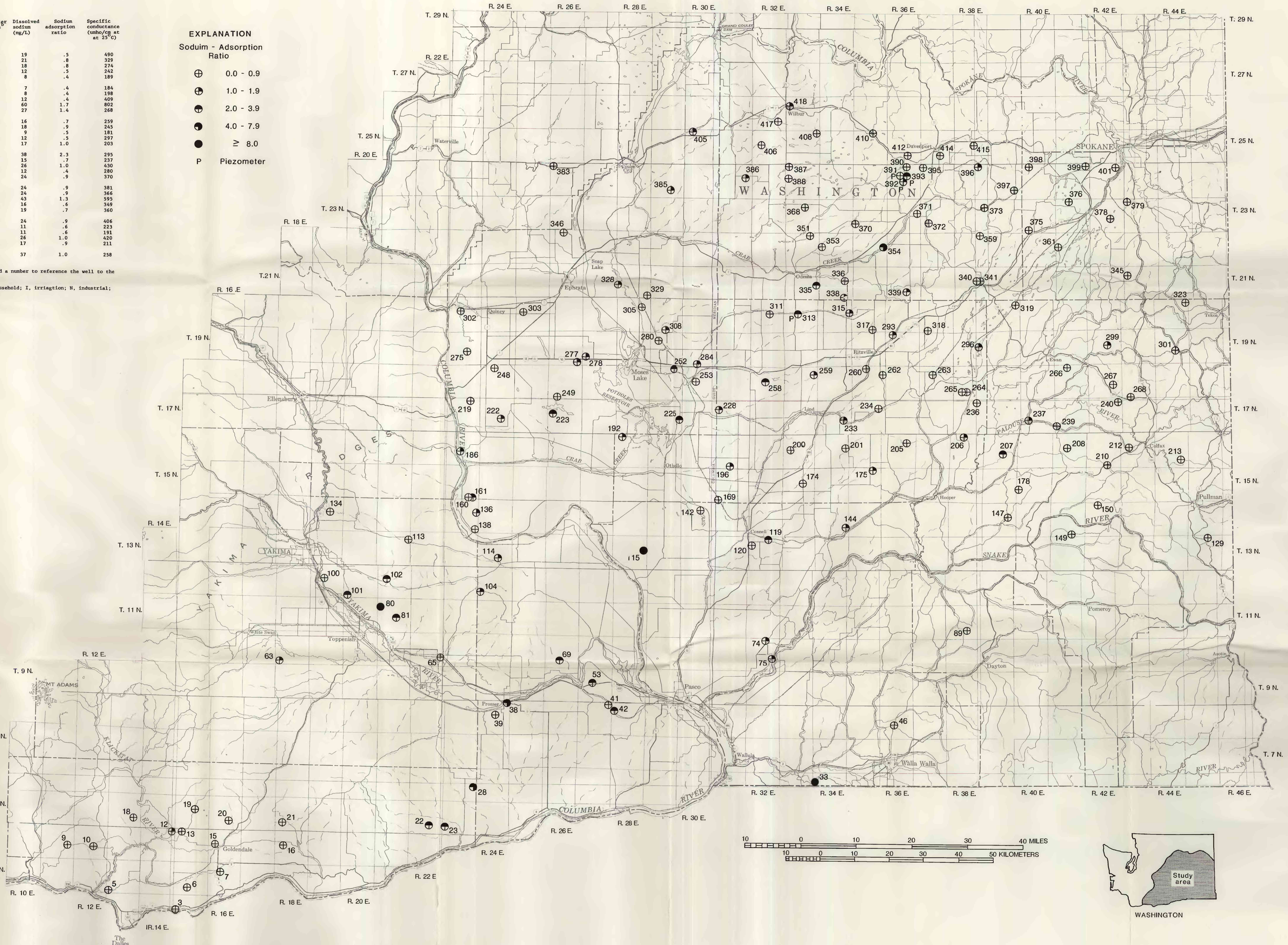
**EXPLANATION**  
**Sodium - Adsorption Ratio**

⊕ 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; N, Industrial; P, public supply; U, unused.



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

PLATE 4.--AREAL VARIATION OF SODIUM CONCENTRATION, SODIUM-ADSORPTION RATIO, AND SPECIFIC CONDUCTANCE IN GROUND WATERS WITHIN WANAPUM BASALT, COLUMBIA PLATEAU, WASHINGTON.