Appendix 1A. Major ion data from wells at selected Regional Observation and Monitoring-well Program (ROMP) sites, 2001.

[Zone numbers: 0, surficial aquifer system; 1, zone 1; 2, zone 2; 3, zone 3; 4, upper permeable zone or Suwannee Limestone well; 5, lower permeable zone or Avon Park well; Na, sodium; K, potassium; Ca, calcium; Mg, magnesium; HCO_3, bicarbonate; Cl, chloride; SO_4, sulfate. Colors correspond to pie charts in 1B]

ROMP name	Zone	Major ions, in milligrams per liter							Major ions, in milliequivalents per liter							
		Na	K	Ca	Mg	HCO_3	Cl	SO_4	Na	K	Na+K	Ca	Mg	HCO_3	Cl	SO_4
5	0	110	1	130	2	402	190	2	4.8	0.0	4.8	6.5	0.2	6.6	5.4	0.0
5	2	90	3	68	29	175	232	39	3.9	0.1	4.0	3.4	2.4	2.9	6.5	0.8
5	3	336	12	93	67	129	723	191	14.6	0.3	14.9	4.6	5.5	2.1	20.4	4.0
5	4	334	13	103	73	114	740	222	14.5	0.3	14.9	5.1	6.0	1.9	20.9	4.6
5	5	452	15	133	77	100	969	266	19.7	0.4	20.1	6.6	6.3	1.6	27.3	5.5
9	0	45	1	105	14	376	37	72	2.0	0.0	2.0	5.2	1.2	6.2	1.0	1.5
9	1	93	4	105	29	199	279	42	4.0	0.1	4.1	5.2	2.4	3.3	7.9	0.9
9	2	170	7	103	46	195	414	74	7.4	0.2	7.6	5.1	3.8	3.2	11.7	1.5
9	3	219	10	103	66	184	493	272	9.5	0.2	9.8	5.1	5.4	3.0	13.9	5.7
9	4	249	9	141	69	182	508	335	10.8	0.2	11.1	7.0	5.7	3.0	14.3	7.0
9	5	318	12	149	74	145	645	351	13.8	0.3	14.1	7.4	6.1	2.4	18.2	7.3
9.5	0	30	2	95	13	324	58	5	1.3	0.0	1.3	4.7	1.1	5.3	1.6	0.1
9.5	1	51	3	62	32	246	86	67	2.2	0.1	2.3	3.1	2.6	4.0	2.4	1.4
9.5	3	62	3	41	35	227	94	38	2.7	0.1	2.8	2.0	2.9	3.7	2.7	0.8
9.5	4	39	4	121	62	174	65	406	1.7	0.1	1.8	6.0	5.1	2.9	1.8	8.5
10	2	164	10	76	51	132	361	145	7.1	0.3	7.4	3.8	4.2	2.2	10.2	3.0
10	3	218	9	96	63	146	465	225	9.5	0.2	9.7	4.8	5.2	2.4	13.1	4.7
11	2	314	11	117	78	123	673	259	13.7	0.3	13.9	5.8	6.4	2.0	19.0	5.4
12	1	56	2	98	16	251	107	53	2.4	0.1	2.5	4.9	1.3	4.1	3.0	1.1
12	2	42	3	42	22	183	83	16	1.8	0.1	1.9	2.1	1.8	3.0	2.3	0.3
12	3	133	4	81	37	144	273	136	5.8	0.1	5.9	4.0	3.1	2.4	7.7	2.8
12	4	163	5	87	43	134	349	170	7.1	0.1	7.2	4.3	3.5	2.2	9.8	3.5
12	5	230	6	102	56	129	483	205	10.0	0.2	10.2	5.1	4.6	2.1	13.6	4.3
13	0	8	1	4	1	18	7	2	0.3	0.0	0.4	0.2	0.1	0.3	0.2	0.0
13	2	35	7	32	30	299	31	12	1.5	0.2	1.7	1.6	2.5	4.9	0.9	0.3
13	3	60	5	21	22	260	33	25	2.6	0.1	2.7	1.0	1.8	4.3	0.9	0.5
13	4	57	3	41	21	155	99	72	2.5	0.1	2.6	2.0	1.7	2.5	2.8	1.5
13	5	133	5	75	34	127	270	183	5.8	0.1	5.9	3.7	2.8	2.1	7.6	3.8
14	2	12	9	10	6	74	4	3	0.5	0.2	0.8	0.5	0.5	1.2	0.1	0.1
14	4	50	4	4	4	133	7	11	2.2	0.1	2.3	0.2	0.3	2.2	0.2	0.2
14	5	25	5	19	13	62	32	77	1.1	0.1	1.2	1.0	1.0	1.0	0.9	1.6
15	5	21	4	94	59	143	28	387	0.9	0.1	1.0	4.7	4.9	2.3	0.8	8.1
16	3	38	3	27	11	135	41	13	1.6	0.1	1.7	1.3	0.9	2.2	1.1	0.3
16.5	0	19	1	92	4	266	30	2	0.8	0.0	0.8	4.6	0.3	4.4	0.8	0.0
16.5	1	24	2	97	7	376	27	1	1.0	0.0	1.1	4.8	0.6	6.2	0.8	0.0
16.5	3	105	8	43	47	189	209	102	4.6	0.2	4.8	2.1	3.9	3.1	5.9	2.1
16.5	4	62	7	66	43	185	113	202	2.7	0.2	2.9	3.3	3.5	3.0	3.2	4.2
16.5	5	132	7	72	48	160	277	177	5.7	0.2	5.9	3.6	3.9	2.6	7.8	3.7
17	0	25	1	110	22	451	40	38	1.1	0.0	1.1	5.5	1.8	7.4	1.1	0.8
17	2	43	3	31	38	269	68	16	1.8	0.1	1.9	1.5	3.1	4.4	1.9	0.3
17	3	43	4	54	39	256	71	99	1.9	0.1	2.0	2.7	3.2	4.2	2.0	2.1
17	4	38	4	102	61	179	66	360	1.7	0.1	1.8	5.1	5.0	2.9	1.9	7.5
17	5	70	5	112	63	167	141	364	3.1	0.1	3.2	5.6	5.2	2.7	4.0	7.6
18	4	22	3	77	42	213	34	216	0.9	0.1	1.0	3.9	3.4	3.5	1.0	4.5
19	0	1	2	92	11	348	56	0	0.0	0.0	0.1	4.6	0.9	5.7	1.6	0.0
19	2	58	7	51	34	255	88	54	2.5	0.2	2.7	2.5	2.8	4.2	2.5	1.1

Appendix 1A. (Continued) Major ion data from wells at selected Regional Observation and Monitoring-well Program (ROMP) sites, 2001.

[Zone numbers: 0, surficial aquifer system; 1, zone 1; 2, zone 2; 3, zone 3; 4, upper permeable zone or Suwannee Limestone well; 5, lower permeable zone or Avon Park well; Na, sodium; K, potassium; Ca, calcium; Mg, magnesium; HCO_3, bicarbonate; Cl, chloride; SO_4, sulfate. Colors correspond to pie charts in 1B]

ROMP name	Zone	Major ions, in milligrams per liter							Major ions, in milliequivalents per liter							
		Na	K	Ca	Mg	HCO_3	Cl	SO_4	Na	K	Na+K	Ca	Mg	HCO_3	Cl	SO_4
19	4	32	5	209	89	160	28	807	1.4	0.1	1.5	10.4	7.4	2.6	0.8	16.8
19x	0	51	1	110	24	451	60	100	2.2	0.0	2.2	5.5	2.0	7.4	1.7	2.1
19x	1	43	3	61	28	150	62	164	1.9	0.1	2.0	3.0	2.3	2.5	1.7	3.4
19x	4	29	3	135	70	208	36	511	1.3	0.1	1.3	6.7	5.8	3.4	1.0	10.6
20	2	53	5	185	69	240	69	453	2.3	0.1	2.4	9.2	5.7	3.9	2.0	9.4
20	3	62	6	360	176	151	114	1,530	2.7	0.2	2.9	18.0	14.5	2.5	3.2	31.9
20	4	136	8	474	171	149	266	1,660	5.9	0.2	6.1	23.7	14.1	2.4	7.5	34.6
20	5	792	20	516	244	152	1,520	1,730	34.5	0.5	35.0	25.7	20.1	2.5	42.9	36.0
22	2	51	2	74	30	297	80	41	2.2	0.0	2.3	3.7	2.5	4.9	2.3	0.9
22	3	93	6	53	42	183	163	66	4.0	0.1	4.2	2.7	3.4	3.0	4.6	1.4
22	4	18	3	95	54	257	20	358	0.8	0.1	0.9	4.7	4.4	4.2	0.6	7.5
22	5	15	4	411	144	154	20	1,540	0.7	0.1	0.8	20.5	11.8	2.5	0.6	32.1
23	2	14	1	49	21	288	7	0	0.6	0.0	0.6	2.4	1.7	4.7	0.2	0.0
23	5	12	4	110	62	180	15	400	0.5	0.1	0.6	5.5	5.1	3.0	0.4	8.3
25	2	14	1	30	19	206	6	1	0.6	0.0	0.6	1.5	1.6	3.4	0.2	0.0
25	4	14	4	150	79	148	17	633	0.6	0.1	0.7	7.5	6.5	2.4	0.5	13.2
25	5	12	2	530	92	145	17	1,660	0.5	0.1	0.6	26.4	7.5	2.4	0.5	34.6
26	2	15	2	25	16	135	12	43	0.6	0.0	0.7	1.3	1.3	2.2	0.3	0.9
26	5	12	3	83	50	169	15	315	0.5	0.1	0.6	4.1	4.1	2.8	0.4	6.6
28	2	16	8	20	21	189	13	4	0.7	0.2	0.9	1.0	1.7	3.1	0.4	0.1
28	4	10	6	40	6	82	10	33	0.4	0.1	0.6	2.0	0.5	1.3	0.3	0.7
28	5	8	2	55	21	201	9	57	0.3	0.0	0.4	2.7	1.7	3.3	0.2	1.2
28	6	10	3	326	117	79	5	553	0.4	0.1	0.5	16.3	9.6	1.3	0.1	11.5
28	7	73	9	475	346	160	64	2,787	3.2	0.2	3.4	23.7	28.5	2.6	1.8	58.0
30	3	32	3	37	32	157	30	139	1.4	0.1	1.5	1.9	2.6	2.6	0.9	2.9
30	5	13	2	68	39	174	21	224	0.6	0.1	0.6	3.4	3.2	2.9	0.6	4.7
31	3	69	6	66	46	351	106	82	3.0	0.1	3.1	3.3	3.8	5.8	3.0	1.7
32	3	20	3	46	22	188	16	71	0.9	0.1	0.9	2.3	1.8	3.1	0.5	1.5
33	2	25	3	47	23	288	17	1	1.1	0.1	1.2	2.3	1.9	4.7	0.5	0.0
33	4	16	3	55	25	218	14	69	0.7	0.1	0.8	2.7	2.1	3.6	0.4	1.4
33	5	13	3	367	122	151	18	1,320	0.6	0.1	0.6	18.3	10.0	2.5	0.5	27.5
39	2	11	2	55	27	304	4	0	0.5	0.0	0.5	2.7	2.2	5.0	0.1	0.0
39	4	11	3	62	27	171	13	128	0.5	0.1	0.5	3.1	2.2	2.8	0.4	2.7
39	5	10	2	63	25	172	12	122	0.4	0.0	0.5	3.2	2.1	2.8	0.3	2.5
40	2	50	2	45	22	287	51	1	2.2	0.0	2.2	2.2	1.8	4.7	1.4	0.0
40	5	8	1	40	14	148	11	43	0.3	0.0	0.4	2.0	1.2	2.4	0.3	0.9
45	3	6	1	28	16	168	5	6	0.3	0.0	0.3	1.4	1.3	2.8	0.1	0.1
45	4	8	2	38	16	171	10	29	0.4	0.0	0.4	1.9	1.3	2.8	0.3	0.6
45	5	14	2	22	15	163	8	5	0.6	0.0	0.6	1.1	1.2	2.7	0.2	0.1
48	2	8	1	28	15	167	5	3	0.3	0.0	0.4	1.4	1.2	2.7	0.1	0.1
48	4	11	1	42	16	154	12	42	0.5	0.0	0.5	2.1	1.3	2.5	0.3	0.9
48	5	10	1	40	16	155	11	40	0.4	0.0	0.5	2.0	1.3	2.5	0.3	0.8
49	3	8	1	30	18	195	4	0	0.3	0.0	0.4	1.5	1.5	3.2	0.1	0.0
49	4	11	1	49	20	178	13	55	0.5	0.0	0.5	2.5	1.7	2.9	0.4	1.1
49	5	11	1	48	20	171	14	61	0.5	0.0	0.5	2.4	1.7	2.8	0.4	1.3
50	4	12	2	76	30	158	13	195	0.5	0.0	0.5	3.8	2.5	2.6	0.4	4.1

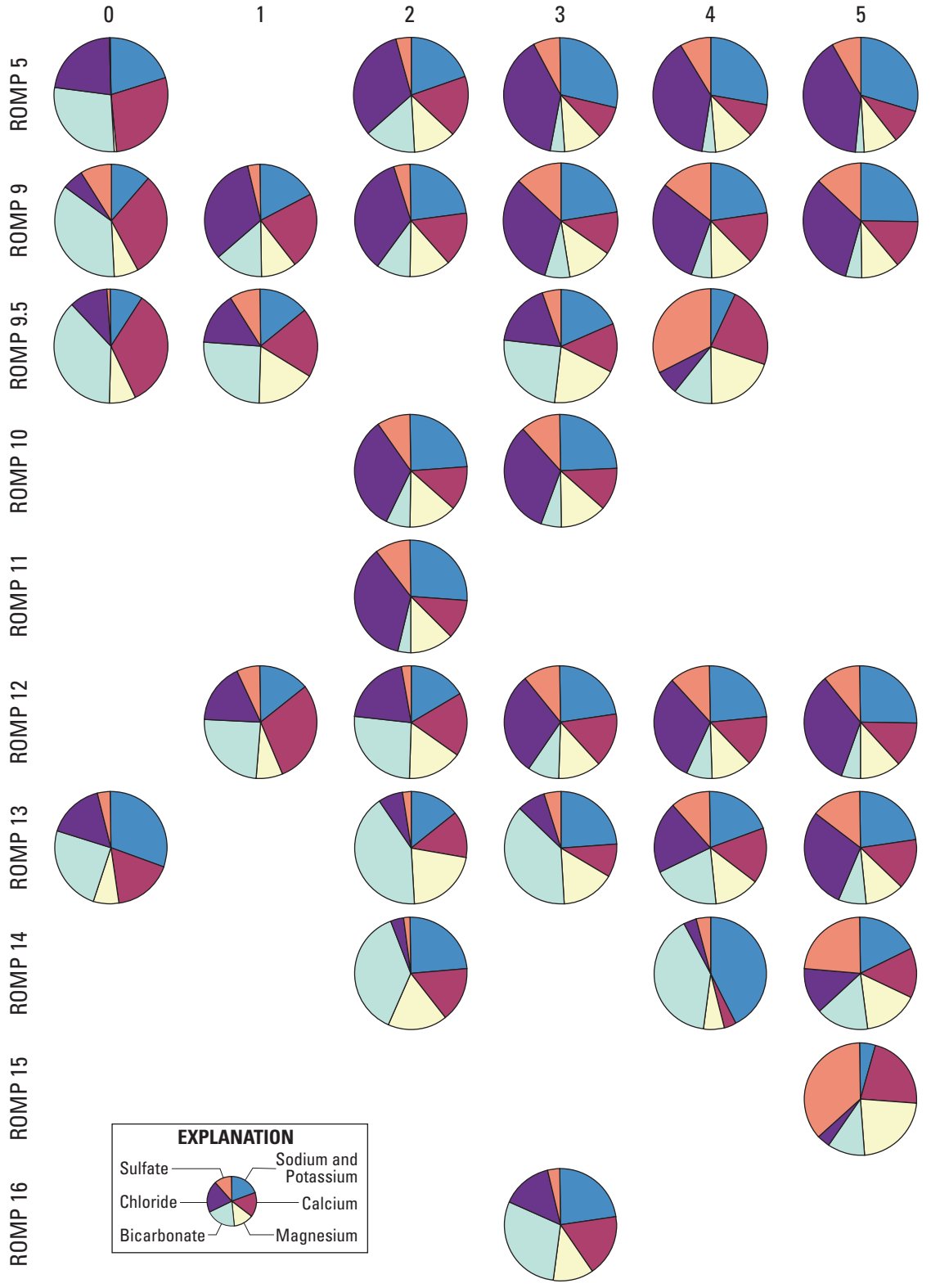
Appendix 1A. (Continued) Major ion data from wells at selected Regional Observation and Monitoring-well Program (ROMP) sites, 2001.

[Zone numbers: 0, surficial aquifer system; 1, zone 1; 2, zone 2; 3, zone 3; 4, upper permeable zone or Suwannee Limestone well; 5, lower permeable zone or Avon Park well; Na, sodium; K, potassium; Ca, calcium; Mg, magnesium; HCO_3, bicarbonate; Cl, chloride; SO_4, sulfate. Colors correspond to pie charts in 1B]

ROMP name	Zone	Major ions, in milligrams per liter							Major ions, in milliequivalents per liter							
		Na	K	Ca	Mg	HCO_3	Cl	SO_4	Na	K	Na+K	Ca	Mg	HCO_3	Cl	SO_4
50	5	1,780	90	665	88	18	2,575	2,630	77.4	2.3	79.7	33.2	7.2	0.3	72.6	54.8
57	2	7	5	57	13	244	11	5	0.3	0.1	0.4	2.8	1.1	4.0	0.3	0.1
57	5	11	4	40	13	180	20	6	0.5	0.1	0.6	2.0	1.0	3.0	0.6	0.1
58	5	8	4	33	13	207	6	0	0.3	0.1	0.4	1.7	1.1	3.4	0.2	0.0
59	2	28	0	54	37	384	15	2	1.2	0.0	1.2	2.7	3.1	6.3	0.4	0.0
TR1-2	2	187	17	63	53	199	366	198	8.1	0.4	8.6	3.1	4.4	3.3	10.3	4.1
TR1-2	3	437	18	116	96	139	875	261	19.0	0.5	19.5	5.8	7.9	2.3	24.7	5.4
TR1-2	4	459	19	125	106	134	957	257	20.0	0.5	20.4	6.2	8.7	2.2	27.0	5.4
TR3-1	2	372	16	135	85	184	884	10	16.2	0.4	16.6	6.7	7.0	3.0	24.9	0.2
TR3-1	3	350	21	101	81	179	522	499	15.2	0.5	15.8	5.0	6.7	2.9	14.7	10.4
TR3-1	4	271	21	99	79	172	419	461	11.8	0.5	12.3	4.9	6.5	2.8	11.8	9.6
TR3-3	2	381	22	135	74	162	843	88	16.6	0.5	17.1	6.7	6.1	2.7	23.8	1.8
TR3-3	3	956	45	164	163	190	1,936	385	41.6	1.1	42.7	8.2	13.4	3.1	54.6	8.0
TR3-3	4	4,430	167	486	520	184	8,416	992	192.7	4.3	197.0	24.3	42.8	3.0	237.4	20.7
TR4-1	1	4,630	73	557	553	406	9,290	982	201.4	1.9	203.3	27.8	45.5	6.7	262.1	20.4
TR4-1	2	34	7	50	27	201	76	27	1.5	0.2	1.6	2.5	2.2	3.3	2.2	0.6
TR4-1	3	92	7	151	94	188	223	508	4.0	0.2	4.2	7.5	7.7	3.1	6.3	10.6
TR4-1	4	1,400	19	467	249	166	3,250	579	60.9	0.5	61.4	23.3	20.5	2.7	91.7	12.1
TR4-2	4	116	8	201	120	168	286	789	5.0	0.2	5.2	10.0	9.9	2.8	8.1	16.4
TR5-1	3	36	7	204	131	171	31	964	1.6	0.2	1.7	10.2	10.8	2.8	0.9	20.1
TR5-1	4	51	5	396	150	146	96	1,520	2.2	0.1	2.3	19.8	12.3	2.4	2.7	31.6
TR5-2	2	32	6	353	119	162	44	1,034	1.4	0.2	1.6	17.6	9.8	2.7	1.2	21.5
TR5-2	3	32	5	256	119	179	39	1,082	1.4	0.1	1.5	12.8	9.8	2.9	1.1	22.5
TR5-2	4	23	5	601	147	151	62	1,639	1.0	0.1	1.1	30.0	12.1	2.5	1.7	34.1
TR5-2	5	16	5	463	167	140	36	1,568	0.7	0.1	0.8	23.1	13.7	2.3	1.0	32.6
TR6-1	3	225	15	296	184	162	504	1,230	9.8	0.4	10.2	14.8	15.1	2.7	14.2	25.6
TR7-1	3	48	6	96	55	160	76	347	2.1	0.2	2.3	4.8	4.5	2.6	2.2	7.2
TR7-2	2	47	8	53	21	165	80	78	2.0	0.2	2.3	2.6	1.8	2.7	2.2	1.6
TR7-4	2	34	6	58	32	233	38	130	1.5	0.1	1.6	2.9	2.7	3.8	1.1	2.7
TR7-4	3	30	6	59	36	180	26	201	1.3	0.2	1.5	2.9	3.0	3.0	0.7	4.2
TR7-4	4	26	4	98	53	169	43	332	1.1	0.1	1.2	4.9	4.3	2.8	1.2	6.9
TR7-4	5	154	6	258	135	157	430	751	6.7	0.1	6.8	12.9	11.1	2.6	12.1	15.6
TR8-1	2	39	7	69	41	301	100	35	1.7	0.2	1.9	3.4	3.3	4.9	2.8	0.7
TR8-1	4	67	4	147	67	166	130	483	2.9	0.1	3.0	7.3	5.5	2.7	3.7	10.1
TR8-1	5	58	4	144	67	167	107	480	2.5	0.1	2.6	7.2	5.5	2.7	3.0	10.0
TR8-1	5	775	17	354	159	144	1,700	733	33.7	0.4	34.2	17.7	13.1	2.4	48.0	15.3
TR9-1	3	15	2	112	53	179	21	367	0.6	0.1	0.7	5.6	4.3	2.9	0.6	7.6
TR9-2	3	15	2	67	32	199	21	149	0.6	0.0	0.7	3.3	2.6	3.3	0.6	3.1
TR9-2	4	63	3	148	70	171	203	375	2.7	0.1	2.8	7.4	5.7	2.8	5.7	7.8
TR9-2	5	839	7	514	234	146	2,270	749	9.3	0.1	9.4	12.2	9.1	2.6	18.5	9.5
TR9-2	5	213	3	245	111	161	657	455	36.5	0.2	36.7	25.6	19.3	2.4	64.0	15.6
CL-3	2	9	3	56	15	262	10	1	0.4	0.1	0.5	2.8	1.2	4.3	0.3	0.0
SA-1	3	98	15	93	87	166	177	466	4.3	0.4	4.7	4.6	7.1	2.7	5.0	9.7
SA-1	4	404	13	295	145	156	785	1,030	17.6	0.3	17.9	14.7	11.9	2.6	22.1	21.4
SA-1	5	194	8	281	147	160	406	1,060	8.4	0.2	8.6	14.0	12.1	2.6	11.5	22.1

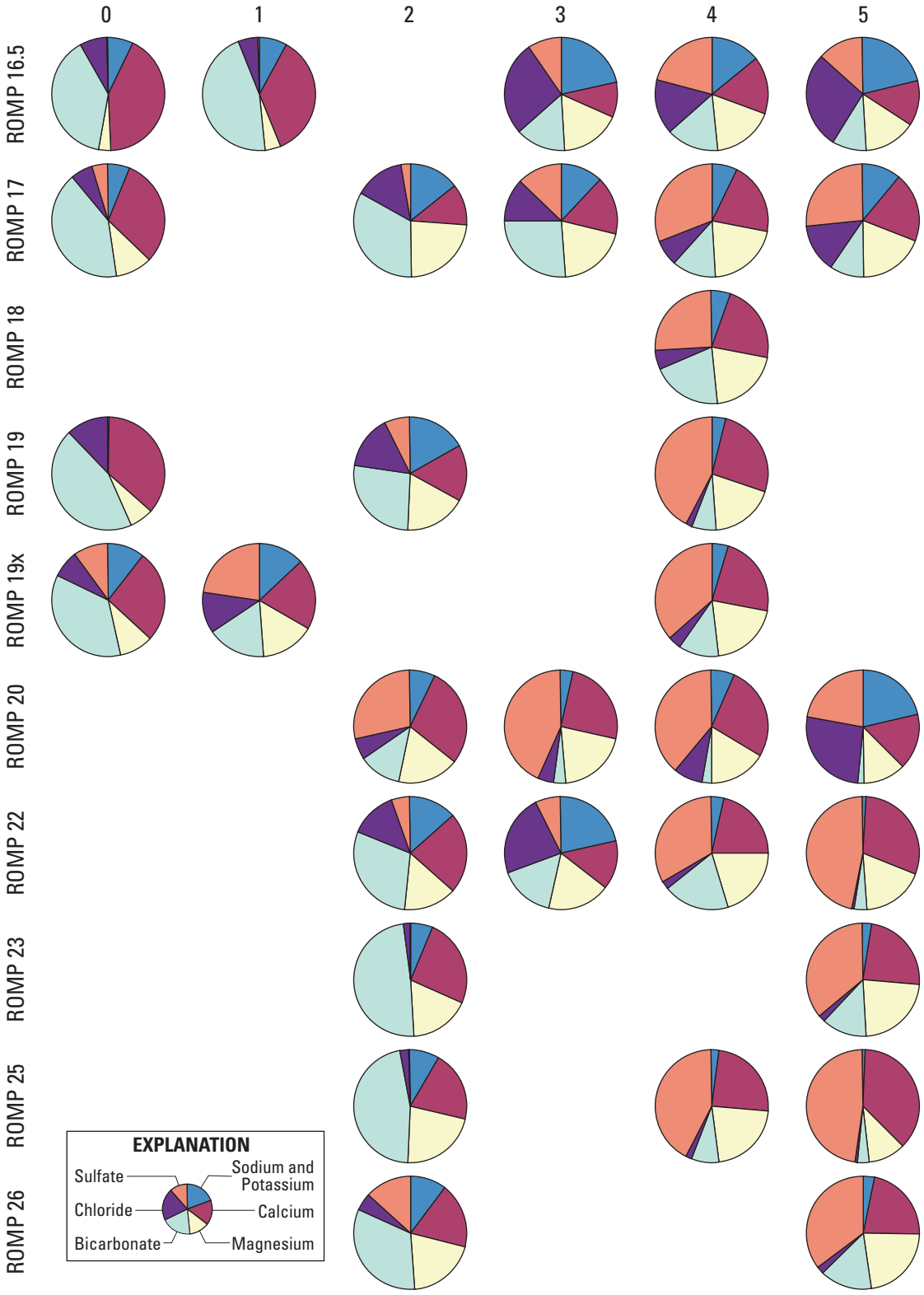
Appendix 1B. Major ion composition of water samples from wells at selected Regional Observation and Monitoring-well Program (ROMP) sites, 2001.

[0, Surficial Aquifer System; 1, Zone 1; 2, Zone 2; 3, Zone 3; 4, Suwannee Limestone; 5, Avon Park wells]



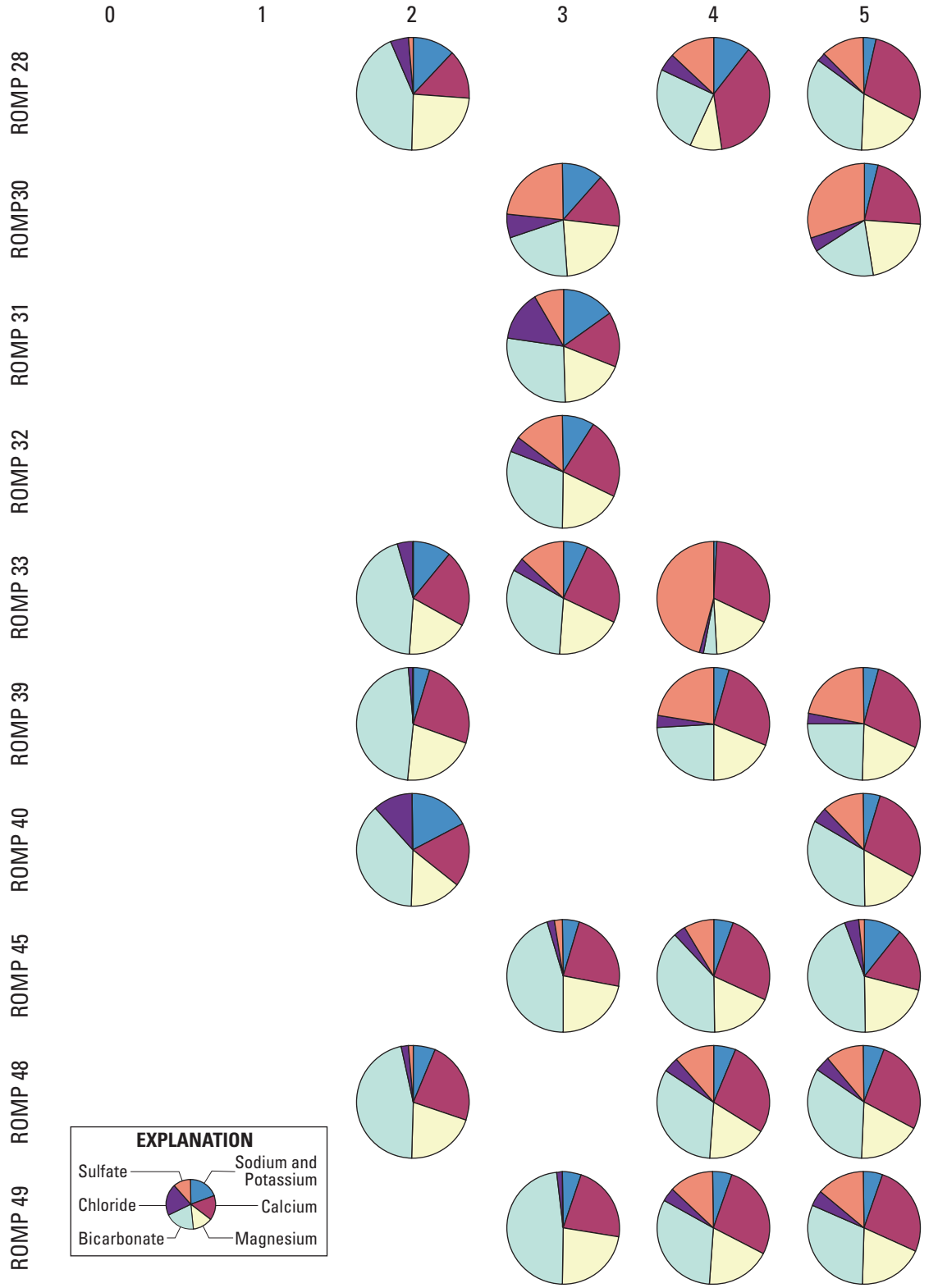
Appendix 1B. (Continued) Major ion composition of water samples from wells at selected Regional Observation and Monitoring-well Program (ROMP) sites, 2001.

[0, Surficial Aquifer System; 1, Zone 1; 2, Zone 2; 3, Zone 3; 4, Suwannee Limestone; 5, Avon Park wells]



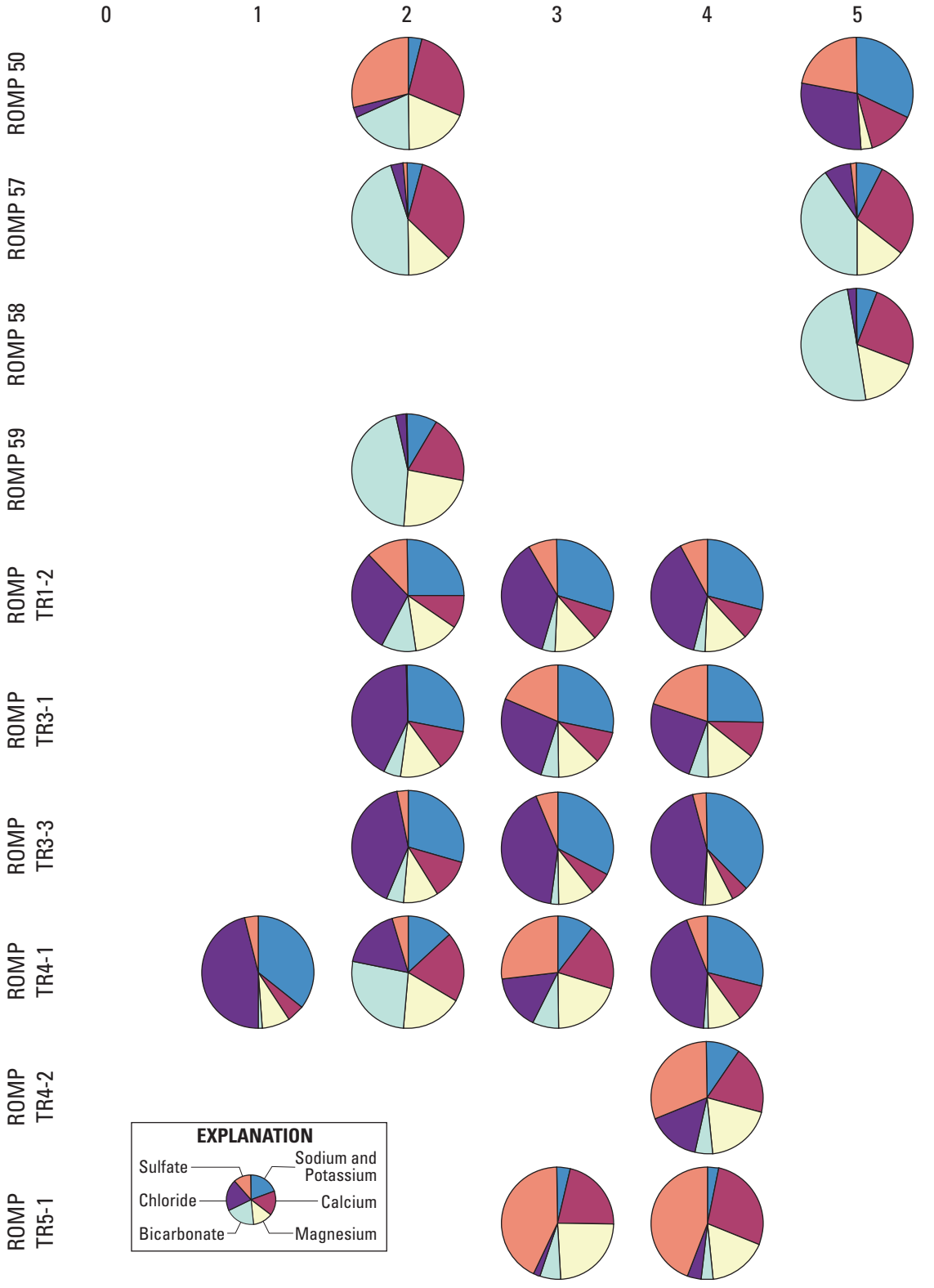
Appendix 1B. (Continued) Major ion composition of water samples from wells at selected Regional Observation and Monitoring-well Program (ROMP) sites, 2001.

[0, Surficial Aquifer System; 1, Zone 1; 2, Zone 2; 3, Zone 3; 4, Suwannee Limestone; 5, Avon Park wells]



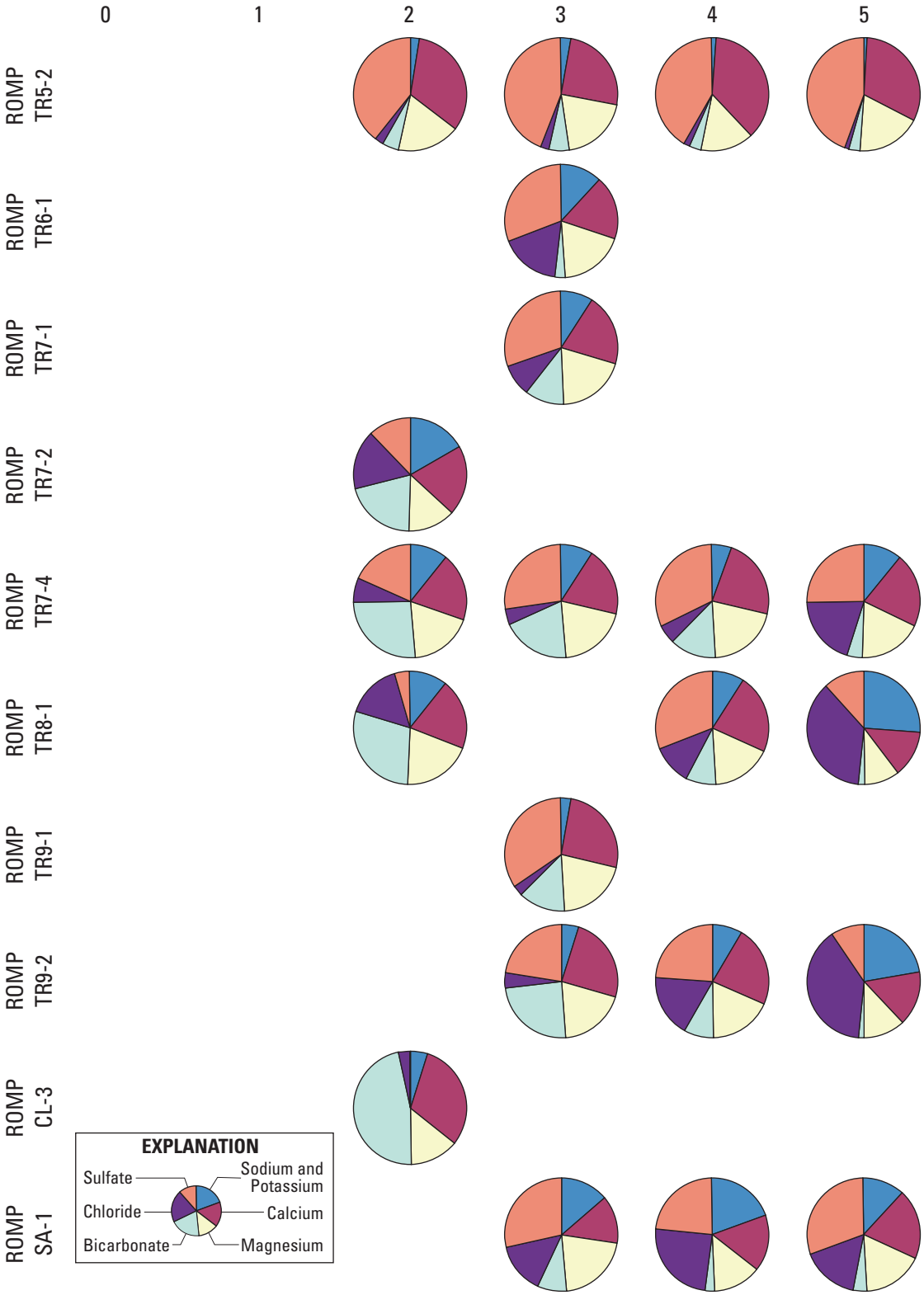
Appendix 1B. (Continued) Major ion composition of water samples from wells at selected Regional Observation and Monitoring-well Program (ROMP) sites, 2001.

[0, Surficial Aquifer System; 1, Zone 1; 2, Zone 2; 3, Zone 3; 4, Suwannee Limestone; 5, Avon Park wells]



Appendix 1B. (Continued) Major ion composition of water samples from wells at selected Regional Observation and Monitoring-well Program (ROMP) sites, 2001.

[0, Surficial Aquifer System; 1, Zone 1; 2, Zone 2; 3, Zone 3; 4, Suwannee Limestone; 5, Avon Park wells]



Appendix 2A. Water levels in and differences among zones and adjacent aquifers at selected Regional Observation and Monitoring-well Program (ROMP) sites, April 2001.

[Zone 3*, well open to Zone 3 and the Upper Floridan aquifer; SAS, surficial aquifer system; UPZ, upper permeable zone or Suwannee Limestone; LPZ, lower permeable zone or Avon Park Formation; ND, no data; x, zone at site]

ROMP	Water level above or below NGVD 1929							Water-level difference			
	SAS	Zone 1	Zone 2	Zone 3	Zone 3*	UPZ	LPZ	Z2-SAS	UPZ-Z2	UPZ-Z3	UPZ-SAS
5	36.67	ND	26.22	49.38	ND	49.26	49.18	-10.45	23.04	-0.12	12.59
9	16.18	19.05	26	38.55	ND	38.76	38.72	9.82	12.76	0.21	22.58
9.5	31.93	35.36	ND	37.9	ND	40.75	ND			2.85	8.82
10	5.21	ND	17.61	44.39	ND	ND	ND	12.4			
11	ND	ND	22.02	ND	ND	ND	ND				
12	35.79	38.56	46.17	46.37	ND	46.24	45.6	10.38	0.07	-0.13	10.45
13	55.27	ND	45.14	45.43	ND	45.38	45.05	-10.13	0.24	-0.05	-9.89
14	134.5	ND	107.5	ND	ND	43.04	42.75	-27	-64.46		-91.46
15	71.81	ND	44.26	ND	ND	[a]44.3	ND	-27.55	0.04		-27.51
16	61.94	ND	43.44	43.31	ND	[b]43.96	ND	-18.5	0.52	0.65	-17.98
16.5	x	x	ND	x	ND	x	x				
17	17.76	ND	27.78	37.5	41.54	42.06	41.74	10.02	14.28	4.56	24.3
18	33.79	ND	ND	ND	ND	31.61	ND				-2.18
19x	29.18	27.83	26.27	ND	ND	25.68	ND	-2.91	-0.59		-3.5
19	15.84	ND	10.89	ND	ND	18.45	ND	-4.95	7.56		2.61
20	11.78	ND	-0.74	[c]15	ND	[c]19	[c]24	-12.52	19.74	4	7.22
22	31.73	ND	12.95	7.84	ND	7.82	6.06	-18.78	-5.13	-0.02	-23.91
23	57.44	ND	22.8	8.2	ND	[b]11.12		-34.64	-11.68		-46.32
25	80.89	ND	40.6	ND	6.97	ND	6.74	-40.29	-33.63		-74.15
26	67.3	ND	35.01	35.42	ND	[a]36.37	ND	-32.29	1.36	0.95	-30.93
28	69.35	ND	54.56	ND	ND	51.64	51.6	-14.79	-2.92		-17.71
28x	86.78	ND	ND	ND	ND	[a]63.81	ND				-22.97
30	63.74	ND	33.66	26.19	ND	[a]21.76	ND	-30.08	-11.9	-4.43	-41.98
31	70.01	ND	ND	17.77	ND	[a]16.13	ND			-1.64	-53.88
32	92.76	ND	ND	ND	ND	-4	-4				-96.76
33	69.36	ND	54.52	ND	-3.93	ND	-5.71	-14.84	-58.45		-73.29
[d]33	ND	ND	24.1	ND	ND	ND	ND	-45.26	-28.03		
35	x	ND	x	x	ND	x	ND				
39	125.52	ND	83.36	ND	ND	-6.78	-6.72	-42.16	-90.14		-132.3
40	134.02	ND	124.27	ND	ND	5.3	ND	-9.75	-118.97		-128.72
45	96.99	ND	ND	48.28	ND	43.65	44.41			-4.63	-53.34
48	89	ND	88.39	ND	5.06	ND	4.02	-0.61	-83.37		-83.94
49	145	ND	ND	-2.15	ND	-8	-8.38			-5.85	-153
50	41.44	ND	ND	ND	-4.95	ND	-7.83				-46.39
57	115.95	ND	110.06	ND	ND	96.15	ND	-5.89	-13.91		-19.8
57x	x	ND	x	ND	ND	x	ND				
59	ND	ND	77.15	ND	ND	48.65	ND		-28.5		
[d]59	ND	ND	73.9	ND	ND	ND	ND		-25.25		
TR1-2	20.61	ND	19.65	43.64	ND	43.88	ND	-0.96	24.23	0.24	23.27
TR3-1	1.96	3.2	12	30	ND	[c]32	ND	10.04	20		30
[d]TR3-1	ND	ND	ND	[c]30	ND	ND	ND			2	
TR3-3	2.66	ND	[c]13	[c]22	ND	[c]28	[c]44	10.34	15	6	25.34
TR4-1	2.11	1.16	3.64	[c]20	ND	[c]24	ND	1.53	20.36	4	21.89
TR4-2	11.66	ND	ND	ND	21.27	ND	ND				9.61
TR5-1	ND	2.59	ND	6.51	ND	16.97	ND			10.46	

Appendix 2A. (Continued) Water levels in and differences among zones and adjacent aquifers at selected Regional Observation and Monitoring-well Program (ROMP) sites, April 2001.

[Zone 3*, well open to Zone 3 and the Upper Floridan aquifer; SAS, surficial aquifer system; UPZ, upper permeable zone or Suwannee Limestone; LPZ, lower permeable zone or Avon Park Formation; ND, no data; x, zone at site]

ROMP	Water level above or below NGVD 1929							Water-level difference			
	SAS	Zone 1	Zone 2	Zone 3	Zone 3*	UPZ	LPZ	Z2-SAS	UPZ-Z2	UPZ-Z3	UPZ-SAS
TR5-2	x	ND	7.16	16.86	ND	[c]22	[c]23		14.84		
[d]TR5-2	ND	ND	ND	[c]19	ND	ND	ND			3	
TR5-3	ND	ND	5.95	ND	ND	ND	20.94		14.99		
TR6-1	ND	ND	ND	5.67	ND	ND	ND				
TR7-1	ND	ND	ND	15.91	ND	ND	ND				
TR7-2	15.58	ND	13.81	13.8	ND	ND	13.96	-1.77	0.15		-1.62
[d]TR7-2	ND	ND	13.24	ND	ND	ND	ND	-2.34	0.72		
TR7-4	6.7	ND	4.9	8.01	ND	7.81	7.24	-1.8	2.91	-0.2	1.11
TR8-1	9.98	ND	11.04	ND	ND	13.95	[b]13.72	1.06	2.91		3.97
TR9-2	7.62	ND	ND	-0.04	ND	-0.53	-1.83			-0.49	-8.15
CL-2	78.29	ND	73.66	ND	ND	74.03	ND	-4.63	0.37		-4.26
CL-3	116.34	ND	68.34	ND	ND	68.27	ND	-48	-0.07		-48.07
SA-1	2.65	ND	ND	6.33	ND	10.54	ND			4.21	7.89

[a]Well is open to entire Upper Floridan aquifer.

[b]Well in Ocala, not Suwannee.

[c]Water level corrected for salinity.

[d]More than 1 well in a zone at a ROMP site.

Appendix 2B. Water levels in and differences among zones and adjacent aquifers, October 2001.

[Zone 3*, well open to Zone 3 and the Upper Floridan aquifer; SAS, surficial aquifer system; UPZ, upper permeable zone or Suwannee Limestone; LPZ, lower permeable zone or Avon Park Formation; ND, no data; x, zone at site]

ROMP	Water level above or below NGVD 1929							Water-level difference			
	SAS	Zone 1	Zone 2	Zone 3	Zone 3*	UPZ	LPZ	Z2-SAS	UPZ-Z2	UPZ-Z3	UPZ-SAS
5	37.88	ND	34.35	54.59	ND	54.56	54.39	-3.53	20.21	-0.03	16.68
9	15.73	21.28	29.59	42.27	ND	42.56	42.44	13.86	12.97	0.29	26.83
9.5	33.93	37.62	ND	44.07	ND	46.62	ND			2.55	12.69
10	6.67	ND	21.09	46.77	ND	ND	ND	14.42			
11	ND	ND	25.42	ND	ND	ND	ND				
12	38.63	42.57	52.17	52.14	ND	52.17	51.9	13.54	0	0.03	13.54
13	60.03	ND	49.34	49.34	ND	50.86	50.31	-10.69	1.52	1.52	-9.17
14	139.37	ND	109.24	ND	ND	50.46	50.45	-30.13	-58.78		-88.91
15	73.15	ND	49.39	ND	ND	[a]49.18	ND	-23.76	-0.21		-23.97
16	62.75	ND	49.53	47.93	ND	[b]48.69	ND	-13.22	-0.84	0.76	-14.06
16.5	37.61	38.29	ND	44.67	ND	45.14	44.37			0.47	7.53
17	19.75	ND	32.64	43.21	47.04	47.26	47.09	12.89	14.62	4.05	27.51
18	35.95	ND	ND	ND	ND	39.5	ND				3.55
19x	30.87	31.1	32.81	ND	ND	32.97	ND	1.94	0.16		2.1
19	17.61	ND	15.18	ND	ND	24.3	ND	-2.43	9.12		6.69
20	13.38	ND	3.74	[c]18	ND	[c]22	[c]30	-9.64	18.26	4	8.62
22	31.43	ND	21.17	18.77	ND	18.75	17.1	-10.26	-2.42	-0.02	-12.68
23	59.61	ND	25.23	23.94	ND	ND	[b]24.28	-34.38	-0.95		-35.33
25	83.8	ND	54.26	ND	31.51	ND	30.96	-29.54	-22.75		-52.29
26	71.22	ND	46.46	46.79	ND	[a]47.12	ND	-24.76	0.66	0.33	-24.1
28	74.3	ND	66.78	ND	ND	65.89	65.72	-7.52	-0.89		-8.41
28x	89.17	ND	ND	ND	ND	[a]71.49	ND				-17.68
30	65.27	ND	51.68	50.85	ND	[a]49.26	ND	-13.59	-2.42	-1.59	-16.01
31	73.63	ND	ND	43.55	ND	[a]42.62	ND			-0.93	-31.01
32	98.16	ND	ND	ND	ND	28.4	28.11				-69.76
33	69.94	ND	58.83	ND	10.34	ND	8.18	-11.11	-48.49		-59.6
[d]33	ND	ND	32.57	ND	ND	ND	ND	-37.37	-22.23		
35	62.06	ND	55.77	37.77	ND	36.87	ND	-6.29	-18.9	-0.9	-25.19
39	124.75	ND	83.96	ND	ND	8.79	8.84	-40.79	-75.17		-115.96
40	134.69	ND	126.25	ND	ND	40.01	ND	-8.44	-86.24		-94.68
45	102.94	ND	ND	71.97	ND	69.76	69.99			-2.21	-33.18
48	95.6	ND	94.57	ND	36.09	ND	34.84	-1.03	-58.48		-59.51
49	148.14	ND	26.58	ND	ND	21.84	21.7	-121.56	-4.74		-126.3
50	41.79	ND	ND	ND	11.8	ND	4.03				-29.99
57	120	ND	115.62	ND	ND	104.69	ND	-4.38	-10.93		-15.31
57x	100	ND	x	ND	ND	97.65	ND				-2.35
59	ND	ND	84.77	ND	ND	70.86	ND		-13.91		
[d]59	ND	ND	80.46	ND	ND	ND	ND		-9.6		
TR1-2	22.01	ND	22.72	46.13	ND	46.18	ND	0.71	23.46	0.05	24.17
TR3-1	2.62	5.58	14.16	31.44	ND	[c]35	ND	11.54	20.84		32.38
[d]TR3-1	ND	ND	ND	[c]32	ND	ND	ND			3	
TR3-3	3.91	ND	[c]15	[c]24	ND	[c]29	[c]46	11.09	14	5	25.09
TR4-1	2.86	1.98	5.22	[c]24	ND	[c]27	ND	2.36	21.78	3	24.14
TR4-2	12.83	ND	ND	ND	22.49	ND	ND				9.66
TR5-1	ND	4.46	ND	9.39	ND	19.32	ND			9.93	

Appendix 2B. (Continued) Water levels in and differences among zones and adjacent aquifers, October 2001.

[Zone 3*, well open to Zone 3 and the Upper Floridan aquifer; SAS, surficial aquifer system; UPZ, upper permeable zone or Suwannee Limestone; LPZ, lower permeable zone or Avon Park Formation; ND, no data; x, zone at site]

ROMP	Water level above or below NGVD 1929							Water-level difference			
	SAS	Zone 1	Zone 2	Zone 3	Zone 3*	UPZ	LPZ	Z2-SAS	UPZ-Z2	UPZ-Z3	UPZ-SAS
TR5-2	11.69	ND	11.69	26.2	ND	[c]30	[c]28	0	18.31		18.31
[d]TR5-2	ND	ND	ND	[c]31	ND	ND	ND			-1	
TR5-3	ND	ND	9.11	ND	ND	28.39	ND		19.28		
TR6-1	ND	ND	ND	7.4	ND	ND	ND				
TR7-1	ND	ND	ND	18.61	ND	ND	ND				
TR7-2	16.04	ND	15.78	17.43	ND	ND	17.54	-0.26	1.76		1.5
[d]TR7-2	ND	ND	16.85	ND	ND	ND	ND	0.81	0.69		
TR7-4	7.2	ND	11.52	13.99	ND	13.84	13.2	4.32	2.32	-0.15	6.64
TR8-1	10.11	ND	14.27	ND	ND	17.12	[b]17.26	4.16	2.85		7.01
TR9-2	8.41	ND	ND	9.53	ND	10.13	8.38			0.6	1.72
CL-2	80.78	ND	81.16	ND	ND	82.09	ND	0.38	0.93		1.31
CL-3	118.55	ND	85.86	ND	ND	85.37	ND	-32.69	-0.49		-33.18
SA-1	3.1	ND	ND	9.71	ND	12.47	ND			2.76	9.37

[a]Well is open to entire Upper Floridan aquifer.

[b]Well in Ocala, not Suwannee.

[c]Water level corrected for salinity.

[d]More than 1 well in a zone at a ROMP site.