

A comparison of Standard Reference Water Sample results from the Albany, Atlanta, and Salt Lake City Laboratories.

January to June 1974

<u>Constituent</u>	Mean concentration ^{1/}				Standard deviation			
	<u>SRWS</u>	<u>Alb</u>	<u>Atl</u>	<u>SLC</u>	<u>SRWS</u>	<u>Alb</u>	<u>Atl</u>	<u>SLC</u>
Al	243	267	185	217	72	82	- -	35
	400	438	410	439	52	177	65	46
	610	650	620	573	70	129	- -	37
As	9.8	11.0	11.0	12.1	4.1	3.2	- -	1.6
	29	29	22	31	7	- -	12	5
	45.8	- -	49.2	50.6	14.1	- -	10	6.8
	54	- -	45	58.3	16	- -	12	7.3
	58.1	35.0	55.5	36.5	15.6	10.2	- -	- -
	136	- -	114	129	12	- -	41	18
B	20	25	27	18	19	- -	21	6
	90	- -	115	98	46	- -	42	12
	258	- -	224	250	74	- -	17	12
	454	435	462	475	90	- -	71	31
Ba	561	570	- -	520	114	- -	- -	84
Be	27	33	20	25	5	- -	- -	5
Br	.235	- -	.178	.390	.184	- -	.0456	.120
	.403	- -	.0566	.157	.427	- -	- -	.105
Cl	1.44	1.31	1.27	1.26	.53	.14	.45	.19
	22.9	22.3	21.8	22.9	2.2	.5	.8	.3
	26.2	25.8	25.1	25.8	.8	.9	.9	.9
	27.1	27.2	25.7	27.3	1.3	1.0	- -	.9
	72.2	71.4	72.2	72.6	2.3	1.2	2.4	1.0
	95.4	94.0	95.8	96.0	3.1	- -	.4	1.0
	213	218	215	215	7	4	10	5

<u>Constituent</u>	<u>Mean concentration</u> ^{1/}				<u>Standard deviation</u>			
	<u>SRWS</u>	<u>Alb</u>	<u>Atl</u>	<u>SLC</u>	<u>SRWS</u>	<u>Alb</u>	<u>Atl</u>	<u>SLC</u>
Ca	3.87	3.76	3.65	3.54	.24	.25	.19	.19
	12.8	12.4	12.7	12.6	.7	1.1	- -	.5
	13.2	12.8	13.0	12.7	.7	.4	.9	.4
	26.3	25.7	26.4	25.9	1.0	1.2	1.1	.6
	43.5	41.5	45.2	43.4	2.3	1.2	1.9	.8
	61.7	60.7	61.2	62.1	2.8	- -	1.9	1.2
	84.6	81.3	81.2	83.4	2.8	2.2	1.9	1.1
Cd	3.6	3.5	3.2	3.4	1.1	.5	3.3	.5
	9.9	9.7	8.0	10.8	2.2	1.0	- -	2.4
	11.9	12.7	11.6	13.4	4.7	- -	5.4	2.4
CO ₃	31.6	36.0	34.2	29.9	8.0	7.2	1.5	3.1
Cr (diss tot)	11	10	2	6	11	6	- -	11
	19	25	17	10	14	6	- -	13
	45	56	50	44	24	5	6	5
Cu	145	144	144	138	38	11	13	10
	240	255	230	247	32	10	18	11
	591	625	620	608	59	31	- -	31
DSRD 180	125.2	123.9	126.3	127.7	5.4	4.2	- -	4.3
	361.5	344.5	380.2	357.1	11.3	29.8	13.1	6.5
	560.1	564.6	564.6	562.1	11.8	9.3	11.9	5.8
F	.32	.39	.30	.30	.07	.08	- -	.11
	.65	.77	.60	.77	.08	.13	.09	.12
	.93	1.33	1.00	1.03	.13	- -	.21	.11
	1.00	1.18	1.02	1.08	.11	.15	.05	.10
	1.03	1.15	1.08	1.12	.09	.07	.04	.09
	1.04	1.18	1.12	1.08	.09	.10	.13	.09
	3.75	4.48	3.63	3.91	.30	.70	- -	.52
Fe	115	123	130	123	32	- -	20	10
	831	845	845	833	97	25	- -	23
	1,008	1,025	1,005	1,031	106	46	65	58

Constituent	Mean concentration ^{1/}				Standard deviation			
	SRWS	Alb	Atl	SLC	SRWS	Alb	Atl	SLC
HCO ₃	31.6	30.6	32.7	30.6	2.2	1.0	1.6	1.3
	34.7	33.4	35.7	34.0	1.2	.5	- -	1.1
	44.4	42.9	43.8	43.4	1.8	1.3	1.5	1.5
	46.7	45.0	48.5	46.8	2.7	- -	1.8	1.6
	74.6	72.7	77.2	74.3	2.8	1.3	1.9	1.6
	101.7	100.4	106.0	102.1	7.3	2.3	1.7	2.4
	330.3	326.8	350.6	325.8	15.6	29.1	2.1	7.3
Hg	3.32	2.38	2.28	3.04	.86	.42	.50	.40
	6.19	6.67	5.70	6.16	2.25	.82	- -	.50
I	.0180	- -	.0300	.0253	.0200	- -	- -	.0099
	.0243	- -	.0507	.0394	.0274	- -	- -	.0203
K	.78	.84	.83	.86	.13	.07	- -	.10
	.86	.94	1.10	.93	.15	.14	.17	.07
	2.14	2.33	2.40	2.20	.26	.18	.37	.12
	2.55	2.45	3.08	2.51	.39	.54	.33	.12
	7.03	7.13	7.74	7.19	.53	- -	.90	.32
	16.5	17.5	16.8	16.7	1.7	1.0	.5	1.7
	26.6	23.9	28.0	24.9	3.3	1.5	2.8	2.1
Mg	.46	.46	.45	.40	.12	.07	.06	.10
	2.16	2.26	2.10	1.98	.37	.09	- -	.13
	2.48	2.44	2.38	2.28	.51	.17	.12	.10
	7.92	7.84	8.16	7.93	.70	.22	.32	.16
	8.28	8.39	8.43	8.41	.61	.21	.47	.11
	11.9	11.7	12.3	12.0	.9	- -	.5	.2
	22.2	23.0	22.8	22.2	1.6	1.4	.4	.4
Mn	35	44	32	30	13	5	4	18
	66	68	71	59	17	19	5	17
	110	123	80	115	17	8	- -	15
Mo	3.04	- -	3.5	2.7	.69	- -	1.0	.5
	9.07	- -	10.7	9.4	1.9	- -	- -	.7
	17.9	- -	- -	18.7	1.3	- -	- -	1.5

<u>Constituent</u>	<u>Mean concentration</u> ^{1/}				<u>Standard deviation</u>			
	<u>SRWS</u>	<u>Alb</u>	<u>At1</u>	<u>SLC</u>	<u>SRWS</u>	<u>Alb</u>	<u>At1</u>	<u>SLC</u>
Na	3.36	3.26	3.43	3.57	.28	.27	.53	.30
	15.4	15.3	16.0	15.8	.9	- -	.6	.5
	20.7	20.1	22.0	20.5	.6	1.1	1.5	.5
	25.4	25.4	26.7	25.8	.8	1.0	- -	.7
	43.5	42.3	43.5	43.9	1.7	1.7	2.1	.8
	79.4	84.2	80.2	80.5	2.9	3.9	.4	1.3
	223	227	227	220	9	10	- -	5
Ni	23.2	25.0	24.5	28.2	5.2	3.6	- -	4.5
NO ₂ +NO ₃ -N	.23	.22	.19	.20	.14	.09	.01	.06
	2.93	3.00	3.03	3.04	.87	- -	.05	.25
	5.83	6.2	6.0	5.9	.56	.5	.6	.4
	8.32	9.18	8.70	8.72	.84	.71	- -	.47
	12.1	12.3	12.2	12.2	1.3	.82	.45	1.3
P (diss tot)	.809	.815	.802	.822	.068	.010	.005	.045
pH	7.59	7.52	7.77	7.82	.26	.13	- -	.14
	6.60	7.60	7.63	7.73	.23	.14	.18	.15
	7.69	7.80	7.95	7.95	.18	- -	.10	.18
	7.71	7.73	7.82	7.87	.16	.11	.05	.17
	8.11	8.05	8.21	8.12	.15	.11	.12	.08
	8.17	8.28	8.43	8.33	.25	.10	.10	.06
	8.79	8.78	8.90	8.84	.12	.10	0.	.05
Pb	16.7	15.5	7.0	16.7	9.0	3.0	2.4	3.1
	27.2	22.0	4.5	27.2	12.0	3.4	- -	4.3
	70.0	78.0	66.8	75.7	18.7	- -	7.6	7.7
Se	9.5	- -	13.3	10.4	3.4	- -	- -	1.4
	20.0	- -	21.0	20.8	3.4	- -	- -	2.4
	69.9	- -	72.0	62.6	7.3	- -	- -	2.8

Constituent	Mean concentration ^{1/}				Standard deviation			
	SRWS	Alb	Atl	SLC	SRWS	Alb	Atl	SLC
SiO ₂	4.53	4.17	4.78	4.98	0.64	- -	0.13	0.18
	5.70	5.25	5.87	5.98	.95	0.41	.27	.20
	6.89	6.21	7.10	7.24	.45	.61	.18	.39
	7.12	6.84	7.47	7.80	.60	.47	- -	.34
	9.16	8.27	9.20	9.48	1.2	.78	.12	.15
	22.8	23.7	23.8	23.9	1.7	1.4	.5	.8
	37.0	37.8	38.0	37.9	1.3	4.4	0	.5
SO ₄	20.5	18.7	20.7	21.0	2.1	.9	.5	.9
	22.9	21.0	22.2	22.6	4.3	.6	.8	1.1
	29.5	27.8	29.0	29.9	1.5	1.3	- -	.9
	46.8	44.2	47.9	44.4	2.3	.9	1.6	2.6
	59.6	57.0	61.0	56.9	4.0	3.4	3.4	4.2
	106	99	106	103	7	2	5	5
	142	131	138	138	10	6	5	10
sp cond	112.0	110.0	111.2	111.8	4.1	3.9	.41	1.7
	217.4	209.9	218.7	220.7	4.4	10.7	- -	1.7
	310.4	312	311.3	314.5	4.6	3.4	1.4	1.7
	556.4	542.7	555.0	559.6	18.6	- -	2.0	4.6
	559.4	553.2	564.3	568.0	10.7	7.3	3.2	3.7
	848.9	827.3	838.8	851.1	12.9	7.7	5.9	8.1
	1,188	1,173	1,195	1,208	12	30	6	8
Sr	70	- -	68	63	9	- -	13	15
	75	85	70	64	29	- -	23	5
	76	85	77	75	27	- -	8	21
	76.7	- -	70	77	29.3	- -	- -	14
	181	- -	153	175	75	- -	32	24
	185	- -	160	161	27	- -	19	21
	236	250	241	244	21	- -	35	18
	727	- -	760	765	45	- -	42	36
V	1.15	- -	3.50	1.32	.48	- -	1.00	.38
	6.92	- -	- -	7.13	.68	- -	- -	.59
	7.27	- -	12.33	7.53	.34	- -	- -	.53

<u>Constituent</u>	Mean concentration ^{1/}				Standard deviation			
	<u>SRWS</u>	<u>Alb</u>	<u>Atl</u>	<u>SLC</u>	<u>SRWS</u>	<u>Alb</u>	<u>Atl</u>	<u>SLC</u>
Zn	192	216	152	192	29	27	30	19
	522	500	723	529	34	34	- -	21
	549	562	750	549	29	23	- -	22

^{1/} Concentration units are not included, but are consistent with U.S. Geological Survey policy.

Summary of Standard Reference Water Sample results analyzed by the
Albany Central Laboratory

January to June 1974

Constituent	No. of det'n	No. rejected (>1.5 s.d.)	Mean concentration ^{1/}		Standard deviation	
			SRWS	Alb	SRWS	Alb
Al	6	7	243	267	72	82
	8	62	400	438	52	177
	4	50	610	650	70	129
As	7	0	9.8	11.0	4.1	3.2
	2	0	29	29	7	- -
	1	100	45.8	- -	14.1	- -
	0	-	54	- -	16	- -
	5	80	58.1	35.0	15.6	10.2
	1	0	136	- -	12	- -
B	3	33	20	25	19	- -
	1	0	90	- -	46	- -
	0	-	258	- -	74	- -
	2	0	454	435	90	- -
Ba	3	0	561	570	114	- -
Be	3	33	27	33	5	- -
Br	0	-	.235	- -	.184	- -
	0	-	.403	- -	.427	- -
Cl	14	0	1.44	1.31	.53	.14
	6	0	22.9	22.3	2.2	.5
	11	0	26.2	25.8	.8	.9
	9	0	27.1	27.2	1.3	1.0
	11	0	72.2	71.4	2.3	1.2
	3	0	95.4	94.0	3.1	- -
	10	0	213	218	7	4

^{1/} Concentration units are not included, but are consistent with
U.S. Geological Survey policy.

Summary of Standard Reference Water Sample results analyzed by the
Albany Central Laboratory.

January to June 1974

Constituent	No. of det'n	No. rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	Alb	SRWS	Alb
Ca	10	10	3.87	3.76	.24	.25
	9	22	12.8	12.4	.7	1.1
	14	0	13.2	12.8	.7	.4
	11	22	26.3	25.7	1.0	1.2
	11	22	43.5	41.5	2.3	1.2
	3	33	61.7	60.7	2.8	-
	6	0	84.6	81.3	2.8	2.2
Cd	8	0	3.6	3.5	1.1	.5
	6	0	9.9	9.7	2.2	1.0
	3	0	11.9	12.7	4.7	-
CO ₃	6	7	31.6	36.0	8.0	7.2
Cr (diss tot)	6	0	11	10	11	6
	4	0	19	25	14	6
	8	0	45	56	24	5
Cu	8	0	145	144	38	11
	4	0	240	255	32	10
	6	0	591	625	59	31
DSRD 180	9	0	125.2	123.9	5.4	4.2
	10	30	361.5	344.5	11.3	29.8
	5	20	560.1	564.6	11.8	9.3
F	9	22	.32	.39	.07	.08
	10	60	.65	.77	.08	.13
	3	100	.93	1.33	.13	-
	6	50	1.00	1.18	.11	.15
	13	7	1.03	1.15	.09	.07
	10	50	1.04	1.18	.09	.10
	10	60	3.75	4.48	.30	.70
Fe	4	25	115	123	32	-
	6	0	831	845	97	25
	8	0	1,008	1,025	106	46

Summary of Standard Reference Water Sample results analyzed by the
Albany Central Laboratory.

January to June 1974

Constituent	No. of det'n	rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	Alb	SRWS	Alb
Na	14	7	3.36	3.26	.28	.27
	3	33	15.4	15.3	.9	-
	11	45	20.7	20.1	.6	1.1
	9	33	25.4	25.4	.8	1.0
	11	36	43.5	42.3	1.7	1.7
	6	67	79.4	84.2	2.9	3.9
	10	30	223	227	9	10
Ni	5	0	23.2	25.0	5.2	3.6
NO ₂ + NO ₃ -N	11	0	.23	.22	.14	.09
	3	0	2.93	3.00	.87	-
	6	17	5.83	6.2	.56	.5
	10	10	8.32	9.18	.84	.71
	10	9	12.1	12.3	1.3	.82
P (diss tot)	4	0	.809	.815	.068	.010
pH	9	0	7.59	7.52	.26	.13
	14	0	7.60	7.60	.23	.14
	3	0	7.69	7.80	.18	-
	10	0	7.71	7.73	.16	.11
	11	0	8.11	8.05	.15	.11
	11	0	8.17	8.28	.25	.10
	6	0	8.79	8.78	.12	.10
Pb	8	0	16.7	15.5	9.0	3.0
	6	0	27.2	22.0	12.0	3.4
	4	25	70.0	78.0	18.7	-
Se	0	-	9.5	-	3.4	-
	0	-	20.0	-	3.4	-
	0	-	69.9	-	7.3	-
SiO ₂	3	0	4.53	4.17	.64	-
	11	0	5.70	5.25	.95	.41
	14	14	6.89	6.21	.45	.61
	9	0	7.12	6.84	.60	.47
	10	40	9.16	8.27	1.2	.78
	6	17	22.8	23.7	1.7	1.4
	11	64	37.0	37.8	1.3	4.4

Summary of Standard Reference Water Sample results analyzed by the
Albany Central Laboratory

January to June 1974

Constituent	No. of det'n	rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	Alb	SRWS	Alb
HCO ₃	14	0	31.6	30.6	2.2	1.0
	9	0	34.7	33.4	1.2	.5
	10	0	44.4	42.9	1.8	1.3
	3	33	46.7	45.0	2.7	-
	11	0	74.6	72.7	2.8	1.3
	11	0	101.7	100.4	7.3	2.3
	6	33	330.3	326.8	15.6	29.1
Hg	7	14	3.32	2.38	.86	.42
	6	17	6.19	6.67	2.25	.82
I	0	-	.0180	-	.0200	-
	0	-	.0243	-	.0274	-
K	9	11	.78	.84	.13	.07
	14	7	.86	.94	.15	.14
	11	9	2.14	2.33	.26	.18
	6	33	2.55	2.45	.39	.54
	3	0	7.03	7.13	.53	-
	11	0	16.5	17.5	1.7	1.0
	10	20	26.6	23.9	3.3	1.5
Mg	10	10	.46	.46	.12	.07
	9	0	2.16	2.26	.37	.09
	14	0	2.48	2.44	.51	.17
	11	0	7.92	7.84	.70	.22
	11	0	8.28	8.39	.61	.21
	3	0	11.9	11.7	.9	-
	6	33	22.2	23.0	1.6	1.4
Mn	8	38	35	44	13	5
	4	25	66	68	17	19
	6	0	110	123	17	8
Mo	0	-	3.04	-	.69	-
	0	-	9.7	-	1.9	-
	0	-	17.9	-	1.3	-

Summary of Standard Reference Water Sample results analyzed by the
Albany Central Laboratory.

January to June 1974

Constituent	No. of det'n	% rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	Alb	SRWS	Alb
SO ₄	14	0	20.5	18.7	2.1	.9
	11	0	22.9	21.0	4.3	.6
	9	11	29.5	27.8	1.5	1.3
	11	0	46.8	44.2	2.3	.9
	3	0	59.6	57.0	4.0	3.4
	6	33	106	99	7	2
	10	80	142	131	10	6
sp cond	14	14	112.0	110.0	4.1	3.9
	9	33	217.4	209.9	4.4	10.7
	11	0	310.4	312	4.6	3.4
	3	0	556.4	542.7	18.6	-
	11	9	559.4	553.2	10.7	7.3
	6	50	848.9	827.3	12.9	7.7
	10	10	1,188	1,173	12	30
Sr	0	-	70	-	9	-
	2	0	75	85	29	-
	1	0	76	85	27	-
	2	0	76.7	-	29.3	-
	1	0	181	-	75	-
	1	0	185	-	27	-
	2	0	236	250	21	-
	1	0	727	-	45	-
V	0	-	1.15	-	.48	-
	0	-	6.92	-	.68	-
	0	-	7.27	-	.34	-
Zn	8	25	192	216	29	27
	4	0	522	500	34	34
	6	17	549	562	29	23

Summary of Standard Reference Water Sample results analyzed by the
Atlanta Central Laboratory.

January to June 1974

Constituent	No. of det'n	No. rejected (>1.5 s.d.)	Mean concentration ^{1/}		Standard deviation	
			SRWS	Atl	SRWS	Atl
Al	2	50	243	185	72	- -
	4	0	400	410	52	65
	3	25	610	620	70	- -
As	3	33	9.8	11.0	4.1	- -
	6	17	29	22	7	12
	4	0	45.8	49.2	14.1	10
	4	25	54	45	16	12
	2	0	58.1	55.5	15.6	- -
	6	50	136	114	12	41
B	7	0	20	27	19	21
	4	25	90	115	46	42
	5	0	258	224	74	17
	4	0	454	462	90	71
Ba	0	-	561	- -	114	- -
Be	2	0	27	20	5	- -
Br	4	0	.235	.178	.184	.0456
	3	0	.403	.0566	.427	- -
Cl	6	0	1.44	1.27	.53	.45
	5	40	22.9	21.8	2.2	.8
	7	28	26.2	25.1	.8	.9
	3	33	27.1	25.7	1.3	- -
	5	20	72.2	72.2	2.3	2.4
	6	67	95.4	95.8	3.1	.4
	4	25	213	215	7	10

^{1/} Concentration units are not included, but are consistent with U.S.

Geological Survey policy.

Summary of Standard Reference Water Sample results analyzed by the
Atlanta Central Laboratory.

January to June 1974

Constituent	No. of det'n	rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	Atl	SRWS	Atl
Ca	4	0	3.87	3.65	.24	.19
	3	0	12.8	12.7	.7	-
	6	0	13.2	13.0	.7	.9
	7	14	26.3	26.4	1.0	1.1
	5	20	43.5	45.2	2.3	1.9
	6	17	61.7	61.2	2.8	1.9
	4	25	84.6	81.2	2.8	1.9
Cd	4	50	3.6	3.2	1.1	3.3
	2	50	9.9	8.0	2.2	-
	4	50	11.9	11.6	4.7	5.4
CO ₃	5	0	31.6	34.2	8.0	1.5
Cr (diss tot)	2	0	11	2	11	-
	3	0	19	17	14	-
	4	0	45	50	24	6
Cu	4	0	145	144	38	13
	4	0	240	230	32	18
	2	0	591	620	59	-
DSRD 180	3	0	125.2	126.3	5.4	-
	6	50	361.5	380.2	11.3	13.1
	5	20	560.1	564.6	11.8	11.9
F	3	0	.32	.30	.07	-
	7	43	.65	.60	.08	.09
	6	0	.93	1.00	.13	.21
	4	0	1.00	1.02	.11	.05
	6	0	1.03	1.08	.09	.04
	5	40	1.04	1.12	.09	.13
	4	25	3.75	3.63	.30	-
Fe	4	50	115	130	32	20
	2	0	831	845	97	-
	4	0	1,008	1,005	106	65

Summary of Standard Reference Water Sample results analyzed by the
Atlanta Central Laboratory.

January to June 1974

Constituent	No. of det'n	No. rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	Atl	SRWS	Atl
HCO ₃	6	17	31.6	32.7	2.2	1.6
	3	0	34.7	35.7	1.2	- -
	4	0	44.4	43.8	1.8	1.5
	6	17	46.7	48.5	2.7	1.8
	7	14	74.6	77.2	2.8	1.9
	5	0	101.7	106.0	7.3	1.7
	5	0	330.3	350.6	15.6	2.1
Hg	4	0	3.32	2.28°	.86	.50
	2	0	6.19	5.70	2.25	- -
I	2	0	.0180	.0300	.0200	- -
	3	0	.0243	.0507	.0274	- -
K	3	0	.78	.83	.13	- -
	6	50	.86	1.10	.15	.17
	7	14	2.14	2.40	.26	.37
	4	25	2.55	3.08	.39	.33
	5	40	7.03	7.74	.53	.90
	5	0	16.5	16.8	1.7	.5
	4	25	26.6	28.0	3.3	2.8
Mg	4	25	.46	.45	.12	.06
	3	0	2.16	2.10	.37	- -
	6	0	2.48	2.38	.51	.12
	5	0	7.92	8.16	.70	.32
	7	0	8.28	8.43	.61	.47
	6	33	11.9	12.3	.9	.5
	4	0	22.2	22.8	1.6	.4
Mn	4	0	35	32	13	4
	4	0	66	71	17	5
	2	50	110	80	17	- -
Mo	4	25	3.04	3.5	.69	1.0
	3	0	9.7	10.7	1.9	- -
	1	0	17.9	- -	1.3	- -

Summary of Standard Reference Water Sample results analyzed by the
Atlanta Central Laboratory.

January to June 1974

Constituent	No. of det'n	No. rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	Atl	SRWS	Atl
Na	6	33	3.36	3.43	.28	.53
	6	17	15.4	16.0	.9	.6
	7	28	20.7	22.0	.6	1.5
	3	33	25.4	26.7	.8	-
	5	20	43.5	43.5	1.7	2.1
	4	0	79.4	80.2	2.9	.4
	3	33	223	227	9	-
Ni	2	0	23.2	24.5	5.2	-
NO ₂ + NO ₃ -N	7	0	.23	.19	.14	.01
	6	0	2.93	3.03	.87	.05
	5	0	5.83	6.0	.56	.6
	4	25	8.32	8.70	.84	-
	5	0	12.1	12.2	1.3	.45
P (diss tot)	4	0	.809	.802	.068	.005
pH	3	0	7.59	7.77	.26	-
	7	0	7.60	7.63	.23	.18
	6	0	7.69	7.95	.18	.10
	4	0	7.71	7.82	.16	.05
	7	14	8.11	8.21	.15	.12
	6	33	8.17	8.43	.25	.10
	5	0	8.79	8.90	.12	0
Pb	4	0	16.7	7.0	9.0	2.4
	2	100	27.2	4.5	12.0	-
	4	0	70.0	66.8	18.7	7.6
Se	3	33	9.5	13.3	3.4	-
	2	0	20.0	21.0	3.4	-
	2	0	69.9	72.0	7.3	-
SiO ₂	5	0	4.53	4.78	.64	.13
	7	0	5.70	5.87	.95	.27
	6	0	6.89	7.10	.45	.18
	3	0	7.12	7.47	.60	-
	4	0	9.16	9.20	1.2	.12
	4	0	22.8	23.8	1.7	.5
	5	0	37.0	38.0	1.3	0

Summary of Standard Reference Water Sample results analyzed by the
Atlanta Central Laboratory.

January to June 1974

Constituent	No. of det'n	rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	Ar1	SRWS	Ar1
SO ₄	6	0	20.5	20.7	2.1	.5
	5	0	22.9	22.2	4.3	.8
	3	0	29.5	29.0	1.5	-
	7	0	46.8	47.9	2.3	1.6
	5	0	59.6	61.0	4.0	3.4
	5	0	106	106	7	5
	4	25	142	138	10	5
	4	0	112.0	111.2	4.1	.41
sp cond	3	0	217.4	218.7	4.4	-
	7	0	310.4	311.3	4.6	1.4
	6	17	556.4	555.0	18.6	2.0
	5	0	559.4	564.3	10.7	3.2
	5	0	848.9	838.8	12.9	5.9
	4	0	1,188	1,195	12	6
	4	0	43 70	68	9	13
	4	0	28 75	70	29	23
Sr	4	0	27 76	77	27	8
	6	0	24 76.7	70	29.3	-
	3	0	34 181	153	75	32
	4	25	36 185	160	27	19
	5	0	40 236	241	21	35
	7	14	30 727	760	45	42
	4	0	1.15	3.50	.48	1.00
	4	100	6.92	-	.63	-
V	1	0	7.27	12.33	.34	-
	3	100				-
	3	100				-
Zn	4	50	192	152	29	30
	3	100	522	723	34	-
	2	100	549	750	29	-

Summary of Standard Reference Water Sample results analyzed by the
Salt Lake City Central Laboratory.

January to June 1974

Constituent	No. of det'n	No. rejected (>1.5 s.d.)	Mean concentration ^{1/}		Standard deviation	
			SRWS	SLC	SRWS	SLC
Al	7	0	243	217	72	35
	8	0	400	439	52	46
	7	14	610	573	70	37
As	8	0	9.8	12.1	4.1	1.6
	21	0	29	31	7	5
	15	0	45.8	50.6	14.1	6.8
	6	0	54	58.3	16	7.3
	2	50	58.1	36.5	15.6	-
	18	11	136	129	12	18
B	22	0	20	18	19	6
	13	7	90	98	46	12
	21	0	258	250	74	12
	16	7	454	475	90	31
Ba	7	28	561	520	114	84
Be	8	0	27	25	5	5
Br	15	13	.235	.390	.184	.120
	20	0	.403	.157	.427	.105
Cl	23	0	1.44	1.26	.53	.19
	12	0	22.9	22.9	2.2	.3
	22	5	26.2	25.8	.8	.9
	12	8	27.1	27.3	1.3	.9
	18	0	72.2	72.6	2.3	1.0
	22	0	95.4	96.0	3.1	1.0
	16	0	213	215	7	5

^{1/} Concentration units are not included, but are consistent with

U.S. Geological Survey policy.

Summary of Standard Reference Water Sample results analyzed by the
Salt Lake City Central Laboratory.

January to June 1974

Constituent	No. of det'n	% rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	SLC	SRWS	SLC
Ca	16	0	3.87	3.54	.24	.19
	12	0	12.8	12.6	.7	.5
	23	0	13.2	12.7	.7	.4
	22	5	26.3	25.9	1.0	.6
	18	0	43.5	43.4	2.3	.8
	22	0	61.7	62.1	2.8	1.2
	12	0	84.6	83.4	2.8	1.1
Cd	7	0	3.6	3.4	1.1	.5
	6	17	9.9	10.8	2.2	2.4
	7	14	11.9	13.4	4.7	2.4
CO ₃	13	8	31.6	29.9	8.0	3.1
	7	14	11	6	11	11
Cr (diss tot)	7	0	19	10	14	13
	8	0	45	44	24	5
	7	14	145	138	38	10
Cu	7	0	240	247	32	11
	6	0	591	608	59	31
DSRD 180	12	8	125.2	127.7	5.4	4.3
	18	6	361.5	357.1	11.3	6.5
	13	8	560.1	562.1	11.8	5.8
F	12	42	.32	.30	.07	.11
	20	59	.65	.77	.08	.12
	22	32	.93	1.03	.13	.11
	12	17	1.00	1.08	.11	.10
	23	4	1.03	1.12	.09	.09
	18	11	1.04	1.08	.09	.09
	16	44	3.75	3.91	.30	.52
	7	14	115	123	32	10
Fe	7	0	831	833	97	23
	8	0	1,008	1,031	106	58

Summary of Standard Reference Water Sample results analyzed by the
Salt Lake City Central Laboratory.

January to June 1974

Constituent	No. of det'n	No. rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	SLC	SRWS	SLC
HCO ₃	23	9	31.6	30.6	2.2	1.3
	12	0	34.7	34.0	1.2	1.1
	16	7	44.4	43.4	1.8	1.5
	22	0	46.7	46.8	2.7	1.6
	22	0	74.6	74.3	2.8	1.6
	17	6	101.7	102.1	7.3	2.4
	13	0	330.3	325.8	15.6	7.3
Hg	7	0	3.32	3.04	.86	.40
	7	0	6.19	6.16	2.25	.50
I	19	5	.0180	.0253	.0200	.0099
	11	18	.0243	.0394	.0274	.0203
K	12	8	.78	.86	.13	.10
	23	4	.86	.93	.15	.07
	22	0	2.14	2.20	.26	.12
	12	0	2.55	2.51	.39	.12
	22	0	7.03	7.19	.53	.32
	17	17	16.5	16.7	1.7	1.7
	16	25	26.5	24.9	3.3	2.1
Mg	16	0	.46	.40	.12	.10
	12	0	2.16	1.98	.37	.13
	23	0	2.48	2.28	.51	.10
	18	0	7.92	7.93	.70	.16
	22	0	8.28	8.41	.61	.11
	22	0	11.9	12.0	.9	.2
	12	0	22.2	22.2	1.6	.4
Mn	8	50	35	30	13	18
	7	43	66	59	17	17
	7	0	110	115	17	15
Mo	7	0	3.04	2.7	.69	.5
	8	0	9.7	9.4	1.9	.7
	6	14	17.9	18.7	1.3	1.5

Summary of Standard Reference Water Sample results analyzed by the
Salt Lake City Central Laboratory

January to June 1974

Constituent	No. of det'n	No. rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	SLC	SRWS	SLC
Na	23	22	3.36	3.57	.28	.30
	22	5	15.4	15.8	.9	.5
	22	0	20.7	20.5	.6	.5
	12	17	25.4	25.8	.8	.7
	18	0	43.5	43.9	1.7	.8
	12	0	79.4	80.5	2.9	1.3
	16	17	223	220	9	5
Ni	5	40	23.2	28.2	5.2	4.5
NO ₂ + NO ₃ -N	22	5	.23	.20	.14	.06
	22	0	2.93	3.04	.87	.25
	12	8	5.83	5.9	.56	.4
	16	7	8.32	8.72	.84	.47
	18	11	12.1	12.2	1.3	1.3
P (diss tot)	13	0	.809	.822	.068	.045
pH	12	17	7.59	7.82	.26	.14
	23	4	7.60	7.73	.23	.15
	22	14	7.69	7.95	.18	.18
	16	19	7.71	7.87	.16	.17
	22	0	8.11	8.12	.15	.08
	18	0	8.17	8.33	.25	.06
	13	0	8.79	8.84	.12	.05
Pb	7	0	16.7	16.7	9.0	3.1
	6	17	27.2	27.2	12.0	4.3
	7	0	70.0	75.7	18.7	7.7
Se	8	0	9.5	10.4	3.4	1.4
	6	0	20.0	20.8	3.4	2.4
	7	0	69.9	62.6	7.3	2.8
SiO ₂	21	0	4.53	4.98	.64	.18
	22	0	5.70	5.98	.95	.20
	23	0	6.89	7.24	.45	.39
	12	8	7.12	7.80	.60	.34
	16	0	9.16	9.48	1.2	.15
	12	0	22.8	23.9	1.7	.8
	18	0	37.0	37.9	1.3	.5

Summary of Standard Reference Water Sample results analyzed by the
Salt Lake City Central Laboratory.

January to June 1974

Constituent	No. of det'n	No. rejected (>1.5 s.d.)	Mean concentration		Standard deviation	
			SRWS	SLC	SRWS	SLC
SO ₄	23	9	20.5	21.0	2.1	.9
	18	0	22.9	22.6	4.3	1.1
	12	0	29.5	29.9	1.5	.9
	22	9	46.8	44.4	2.3	2.6
	22	23	59.6	56.9	4.0	4.2
	12	17	106	103	7	5
	16	25	142	138	10	10
sp cond	23	0	112.0	111.8	4.1	1.7
	12	0	217.4	220.7	4.4	1.7
	22	0	310.4	314.5	4.6	1.7
	22	0	556.4	559.6	18.6	4.6
	18	6	559.4	568.0	10.7	3.7
	12	0	848.9	851.1	12.9	8.1
	16	19	1,188	1,208	12	8
Sr	15	7	70	63	9	15
	7	0	75	64	29	5
	23	9	76	75	27	21
	12	8	76.7	77	29.3	14
	18	0	181	175	75	24
	22	9	185	161	27	21
	21	0	236	244	21	18
	13	0	727	765	45	36
V	5	20	1.15	1.32	.48	.38
	6	0	6.92	7.13	.68	.59
	7	43	7.27	7.53	.34	.53
Zn	8	0	192	192	29	19
	7	0	522	529	34	21
	7	0	549	549	29	22