GROUNDWATER MODELING STUDY OF THE UPPER SANTA CRUZ BASIN AND AVRA VALLEY IN PIMA, PINAL AND SANTA CRUZ COUNTIES, SOUTHEASTERN ARIZONA

VOLUME II

APPENDICES

by:

BRUCE C. TRAVERS

PETER A. MOCK

HYDROLOGY DIVISION

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UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
02,14	D-10-11-06B	20.	0.06
02,15	D-10-11-05B	20.	0.05
02,16	D-10-11-04B	15.	0.05
02,17	D-10-11-03B	10.	0.05
02,18	D-10-11-02B	10.	0.05
02,19	D-10-11-01B	20.	0.07
02,31	D-10-13-02	10.	0.03
02,32	D-10-13-01	30.	0.05
02,33	D-10-14-06	50.	0.07
02,34	D-10-14-05	40.	0.07
02,35	D-10-14-04	30.	0.09
02,36	D-10-14-03	30.	0.08
02,37	D-10-14-02	30.	0.07
02,38	D-10-14-01	40.	0.07
03,02	D-10-08-01C	100.	0.10
03,03	D-10-09-06C	100.	0.10
03,04	D-10-09-05C	100.	0.10
03,05	D-10-09-04C	162.	0.10
03,06	D-10-09-03C	80.	0.15
03,07	D-10-09-02C	60.	0.08
03,08	D-10-09-01C	50.	0.09
03,09	D-10-10-08B	40.	0.10
03,10	D-10-10-09B	40.	0.14

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
03,11	D-10-10-10B	30.	0.10
03,12	D-10-10-11B	40.	0.08
03,13	D-10-10-12B	40.	0.07
03,14	D-10-11-07B	30.	0.06
03,15	D-10-11-08B	30.	0.05
03,16	D-10-11-09B	30.	0.05
03,17	D-10-11-10B	15.	0.05
03,18	D-10-11-11B	20.	0.05
03,19	D-10-11-12B	20.	0.07
03,31	D-10-13-11	10.	0.03
03,32	D-10-13-12	30.	0.05
03,33	D-10-14-07	50.	0.07
03,34	D-10-14-08	40.	0.07
03,35	D-10-14-09	30.	0.09
03,36	D-10-14-10	40.	0.10
03,37	D-10-14-11	40.	0.10
03,38	D-10-14-12	40.	0.10
04,03	D-10-09-07C	125.	0.10
04,04	D-10-09-08C	100.	0.15
04,05	D-10-09-09C	75.	0.12
04,06	D-10-09-10C	90.	0.11
04,07	D-10-09-11C	90.	0.10
04,08	D-10-09-12C	60.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
04,09	D-10-10-18E	50.	0.10
04,10	D-10-10-16B	60.	0.10
04,11	D-10-10-15E	70.	0.10
04,12	D-10-10-14E	60.	0.08
04,13	D-10-10-13B	40.	0.08
04,14	D-10-11-18E	30.	0.06
04,15	D-10-11-17B	40.	0.05
04,16	D-10-11-16E	30.	0.05
04,17	D-10-11-15E	20.	0.05
04,18	D-10-11-14E	20.	0.05
04,19	D-10-11-13B	20.	0.07
04,32	D-10-13-13	10.	0.03
04,33	D-10-14-18	50.	0.07
04,34	D-10-14-17	40.	0.08
04,35	D-10-14-16	40.	0.09
04,36	D-10-14-15	40.	0.10
04,37	D-10-14-14	47.	0.10
04,38	D-10-14-13	50.	0.10
05,04	D-10-09-17C	28.	0.10
05,05	D-10-09-16C	21.	0.10
05,06	D-10-09-15C	129.	0.07
05,07	D-10-09-14C	124.	0.15
05,08	D-10-09-13C	90.	0.11

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
05,09	D-10-10-20B	60.	0.09
05,10	D-10-10-21B	50.	0.08
05,11	D-10-10-22B	50.	0.07
05,12	D-10-10-23B	70.	0.08
05,13	D-10-10-24B	50.	0.10
05,14	D-10-11-19B	30.	0.10
05,15	D-10-11-20B	45.	0.10
05,16	D-10-11-21B	60.	0.10
05,17	D-10-11-22B	30.	0.10
05,18	D-10-11-23B	30.	0.07
05,19	D-10-11-24B	20.	0.07
05,32	D-10-13-24	10.	0.03
05,33	D-10-14-19	50.	0.06
05,34	D-10-14-20	40.	0.08
05,35	D-10-14-21	40.	0.09
05,36	D-10-14-22	40.	0.10
05,37	D-10-14-23	50.	0.10
05,38	D-10-14-24	50.	0.10
06,06	D-10-09-27A	56.	0.10
06,07	D-10-09-23C	120.	0.06
06,08	D-10-09-24C	100.	0.10
06,09	D-10-10-30B	100.	0.10
06,10	D-10-10-29A	80.	0.08

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
06,11	D-10-10-28A	80.	0.07
06,12	D-10-10-27A	80.	0.08
06,13	D-10-10-26A	70.	0.10
06,14	D-10-11-30B	80.	0.16
06,15	D-10-11-29B	70.	0.17
06,16	D-10-11-28B	60.	0.12
06,17	D-10-11-27B	28.	0.10
06,18	D-10-11-26B	40.	0.07
06,19	D-10-11-25B	30.	0.09
06,32	D-10-13-25	20.	0.03
06,33	D-10-14-30	50.	0.06
06,34	D-10-14-29	63.	0.15
06,35	D-10-14-28	40.	0.09
06,36	D-10-14-27	40.	0.10
06,37	D-10-14-26	50.	0.05
06,38	D-10-14-25	50.	0.03
07,07	D-10-09-26C	60.	0.08
07,08	D-10-09-25C	115.	0.10
07,09	D-10-10-32B	110.	0.10
07,10	D-10-10-33B	80.	0.09
07,11	D-10-10-34B	60.	0.07
07,12	D-10-10-35B	60.	0.06
07,13	D-10-10-36B	80.	0.08

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
07,14	D-10-11-31B	100.	0.12
07,15	D-10-11-32B	135.	0.12
07,16	D-10-11-33B	60.	0.09
07,17	D-10-11-34B	50.	0.08
07,18	D-10-11-35B	40.	0.07
07,19	D-10-11-36B	40.	0.09
07,32	D-10-13-36	20.	0.03
07,33	D-10-14-31	50.	0.06
07,34	D-10-14-32	51.	0.10
07,35	D-10-14-33	40.	0.09
07,36	D-10-14-34	50.	0.07
07,37	D-10-14-35	50.	0.10
08,07	D-10-09-36C	145.	0.10
08,08	D-10-10-31C	125.	0.10
08,09	D-11-10-05	120.	0.10
08,10	D-11-10-04	100.	0.09
08,11	D-11-10-03	60.	0.06
08,12	D-11-10-02	70.	0.06
08,13	D-11-10-01	100.	0.05
08,14	D-11-11-06	120.	0.10
08,15	D-11-11-05	110.	0.10
08,16	D-11-11-04	90.	0.09
08,17	D-11-11-03	60.	0.08

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
08,18	D-11-11-02	50.	0.07
08,19	D-11-11-01	20.	0.09
08,20	D-11-12-06	10.	0.05
08,32	D-11-14-06	40.	0.04
08,33	D-11-14-05	40.	0.07
08,34	D-11-14-04	50.	0.06
08,35	D-11-14-03	23.	0.07
08,36	D-11-14-02	3.	0.06
09,06	D-11-09-11	20.	0.05
09,07	D-11-09-12	50.	0.06
09,08	D-11-10-07	90.	0.08
09,09	D-11-10-08	91.	0.09
09,10	D-11-10-09	46.	0.08
09,11	D-11-10-10	30.	0.06
09,12	D-11-10-11	60.	0.09
09,13	D-11-10-12	115.	0.11
09,14	D-11-11-07	80.	0.10
09,15	D-11-11-08	80.	0.07
09,16	D-11-11-09	70.	0.07
09,17	D-11-11-10	50.	0.08
09,18	D-11-11-11	40.	0.08
09,19	D-11-11-12	20.	0.07
09,20	D-11-12-07	10.	0.05

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
09,32	D-11-14-07	40.	0.04
09,33	D-11-14-08	40.	0.07
09,34	D-11-14-09	50.	0.10
09,35	D-11-14-10	80.	0.09
09,36	D-11-14-11	20.	0.03
10,06	D-11-09-14	10.	0.05
10,07	D-11-09-13	40.	0.06
10,08	D-11-10-18	90.	0.08
10,09	D-11-10-17	100.	0.09
10,10	D-11-10-16	120.	0.09
10,11	D-11-10-15	20.	0.05
10,12	D-11-10-14	60.	0.09
10,13	D-11-10-13	80.	0.10
10,14	D-11-11-18	80.	0.09
10,15	D-11-11-17	70.	0.07
10,16	D-11-11-16	70.	0.07
10,17	D-11-11-15	60.	0.07
10,18	D-11-11-14	50.	0.07
10,19	D-11-11-13	40.	0.07
10,20	D-11-12-18	30.	0.07
10,21	D-11-12-17	10.	0.05
10,22	D-11-12-16	5.	0.03
10,32	D-11-14-16	40.	0.04

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAC-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
10,33	D-11-14-17	30.	0.06
10,34	D-11-14-16	16.	0.08
10,35	D-11-14-15	11.	0.08
10,36	D-11-14-14	10.	0.03
11,02	D-11-09-19	10.	0.02
11,03	D-11-09-20	10.	0.02
11,04	D-11-09-21	10.	0.02
11,05	D-11-09-22	10.	0.03
11,06	D-11-09-23	10.	0.06
11,07	D-11-09-24	40.	0.07
11,08	D-11-10-19	70.	0.08
11,09	D-11-10-20	129.	0.16
11,10	D-11-10-21	70.	0.10
11,11	D-11-10-22	80.	0.08
11,12	D-11-10-23	42.	0.09
11,13	D-11-10-24	83.	0.07
11,14	D-11-11-19	80.	0.08
11,15	D-11-11-20	80.	0.08
11,16	D-11-11-21	70.	0.07
11,17	D-11-11-22	45.	0.07
11,18	D-11-11-23	60.	0.07
11,19	D-11-11-24	40.	0.07
11,20	D-11-12-19	20.	0.09

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
11,21	D-11-12-20	20.	0.08
11,22	D-11-12-21	20.	0.08
11,23	D-11-12-22	20.	0.05
11,24	D-11-12-23	20.	0.05
11,32	D-11-14-19	40.	0.04
11,33	D-11-14-20	30.	0.07
11,34	D-11-14-21	28.	0.09
11,35	D-11-14-22	20.	0.05
12,02	D-11-09-30	10.	0.02
12,03	D-11-09-29	20.	0.03
12,04	D-11-09-28	20.	0.03
12,05	D-11-09-27	4.	0.03
12,06	D-11-09-26	20.	0.07
12,07	D-11-09-25	40.	0.07
12,08	D-11-10-30	60.	0.08
12,09	D-11-10-29	54.	0.08
12,10	D-11-10-28	100.	0.10
12,11	D-11-10-27	201.	0.13
12,12	D-11-10-26	88.	0.09
12,13	D-11-10-25	90.	0.08
12,14	D-11-11-30	100.	0.10
12,15	D-11-11-29	100.	0.08
12,16	D-11-11-28	70.	0.09

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
12,17	D-11-11-27	20.	0.07
12,18	D-11-11-26	60.	0.07
12,19	D-11-11-25	40.	0.07
12,20	D-11-12-30	20.	0.07
12,21	D-11-12-29	20.	0.10
12,22	D-11-12-28	20.	0.10
12,23	D-11-12-27	20.	0.10
12,24	D-11-12-26	24.	0.10
12,25	D-11-12-25	10.	0.05
12,28	D-11-13-28	10.	0.05
12,29	D-11-13-27	5.	0.05
12,30	D-11-13-26	10.	0.05
12,31	D-11-13-25	50.	0.05
12,32	D-11-14-30	40.	0.06
12,33	D-11-14-29	40.	0.07
12,34	D-11-14-28	20.	0.07
12,35	D-11-14-27	15.	0.06
13,02	D-11-09-31	10.	0.02
13,03	D-11-09-32	20.	0.03
13,04	D-11-09-33	20.	0.03
13,05	D-11-09-34	20.	0.03
13,06	D-11-09-35	20.	0.07
13,07	D-11-09-36	40.	0.07

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
13,08	D-11-10-31	60.	0.08
13,09	D-11-10-32	14.	0.07
13,10	D-11-10-33	28.	0.09
13,11	D-11-10-34	188.	0.16
13,12	D-11-10-35	60.	0.08
13,13	D-11-10-36	60.	0.08
13,14	D-11-11-31	90.	0.07
13,15	D-11-11-32	75.	0.07
13,16	D-11-11-33	35.	0.10
13,17	D-11-11-34	80.	0.10
13,18	D-11-11-35	50.	0.10
13,19	D-11-11-36	70.	0.08
13,20	D-11-12-31	40.	0.08
13,21	D-11-12-32	30.	0.12
13,22	D-11-12-33	30.	0.10
13,23	D-11-12-34	30.	0.10
13,24	D-11-12-35	35.	0.10
13,25	D-11-12-36	35.	0.10
13,26	D-11-13-31	35.	0.10
13,27	D-11-13-32	30.	0.05
13,28	D-11-13-33	25.	0.06
13,29	D-11-13-34	40.	0.13
13,30	D-11-13-35	30.	0.08

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAC-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
13,31	D-11-13-36	30.	0.08
13,32	D-11-14-31	99.	0.09
13,33	D-11-14-32	30.	0.07
13,34	D-11-14-33	10.	0.05
13,35	D-11-14-34	10.	0.03
14,03	D-12-09-05	10.	0.02
14,04	D-12-09-04	15.	0.03
14,05	D-12-09-03	20.	0.03
14,06	D-12-09-02	25.	0.07
14,07	D-12-09-01	38.	0.09
14,08	D-12-10-06	70.	0.08
14,09	D-12-10-05	50.	0.08
14,10	D-12-10-04	166.	0.08
14,11	D-12-10-03	60.	0.05
14,12	D-12-10-02	60.	0.06
14,13	D-12-10-01	60.	0.07
14,14	D-12-11-06	50.	0.10
14,15	D-12-11-05	50.	0.07
14,16	D-12-11-04	70.	0.10
14,17	D-12-11-03	60.	0.09
14,18	D-12-11-02	50.	0.08
14,19	D-12-11-01	40.	0.07
14,20	D-12-12-06	15.	0.05

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAC-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
14,21	D-12-12-05	20.	0.10
14,22	D-12-12-04	30.	0.10
14,23	D-12-12-03	40.	0.10
14,24	D-12-12-02	40.	0.10
14,25	D-12-12-01	25.	0.10
14,26	D-12-13-06	40.	0.10
14,27	D-12-13-05	40.	0.11
14,28	D-12-13-04	43.	0.13
14,29	D-12-13-03	40.	0.10
14,30	D-12-13-02	18.	0.10
14,31	D-12-13-01	41.	0.10
14,32	D-12-14-06	50.	0.08
14,33	D-12-14-05	16.	0.06
15,04	D-12-09-09	20.	0.02
15,05	D-12-09-10	20.	0.03
15,06	D-12-09-11	20.	0.03
15,07	D-12-09-12	30.	0.08
15,08	D-12-10-07	70.	0.10
15,09	D-12-10-08	50.	0.11
15,10	D-12-10-09	150.	0.15
15,11	D-12-10-10	60.	0.05
15,12	D-12-10-11	60.	0.05
15,13	D-12-10-12	40.	0.05

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
15,14	D-12-11-07	80.	0.10
15,15	D-12-11-08	80.	0.07
15,16	D-12-11-09	80.	0.07
15,17	D-12-11-10	50.	0.09
15,18	D-12-11-11	40.	0.09
15,19	D-12-11-12	30.	0.07
15,20	D-12-12-07	20.	0.07
15,21	D-12-12-08	30.	0.13
15,22	D-12-12-09	30.	0.10
15,23	D-12-12-10	50.	0.10
15,24	D-12-12-11	40.	0.16
15,25	D-12-12-12	13.	0.05
15,26	D-12-13-07	40.	0.09
15,27	D-12-13-08	40.	0.12
15,28	D-12-13-09	40.	0.15
15,29	D-12-13-10	33.	0.09
15,30	D-12-13-11	40.	0.10
15,31	D-12-13-12	80.	0.11
15,32	D-12-14-07	80.	0.11
16,02	D-12-09-18	10.	0.02
16,03	D-12-09-17	15.	0.02
16,04	D-12-09-16	20.	0.03
16,05	D-12-09-15	15.	0.03

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
16,06	D-12-09-14	20.	0.05
16,07	D-12-09-13	30.	0.10
16,08	D-12-10-18	43.	0.11
16,09	D-12-10-17	40.	0.12
16,10	D-12-10-16	40.	0.13
16,11	D-12-10-15	21.	0.12
16,12	D-12-10-14	80.	0.12
16,13	D-12-10-13	30.	0.10
16,14	D-12-11-18	83.	0.11
16,15	D-12-11-17	80.	0.08
16,16	D-12-11-16	70.	0.08
16,17	D-12-11-15	70.	0.07
16,18	D-12-11-14	80.	0.17
16,19	D-12-11-13	30.	0.12
16,20	D-12-12-18	37.	0.07
16,22	D-12-12-16	100.	0.13
16,23	D-12-12-15	100.	0.10
16,24	D-12-12-14	48.	0.08
16,25	D-12-12-13	15.	0.10
16,26	D-12-13-18	26.	0.09
16,27	D-12-13-17	40.	0.12
16,28	D-12-13-16	158.	0.20
16,29	D-12-13-15	45.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
16,30	D-12-13-14	40.	0.10
16,31	D-12-13-13	40.	0.07
17,02	D-12-09-19	10.	0.02
17,03	D-12-09-20	15.	0.03
17,04	D-12-09-21	20.	0.03
17,05	D-12-09-22	20.	0.03
17,06	D-12-09-23	15.	0.05
17,07	D-12-09-24	30.	0.10
17,08	D-12-10-19	40.	0.12
17,09	D-12-10-20	80.	0.10
17,10	D-12-10-21	50.	0.12
17,11	D-12-10-22	40.	0.12
17,12	D-12-10-23	60.	0.12
17,13	D-12-10-24	16.	0.12
17,14	D-12-11-19	187.	0.13
17,15	D-12-11-20	141.	0.14
17,16	D-12-11-21	56.	0.06
17,17	D-12-11-22	40.	0.11
17,18	D-12-11-23	30.	0.10
17,19	D-12-11-24	20.	0.10
17,20	D-12-12-19	20.	0.09
17,22	D-12-12-21	150.	0.14
17,23	D-12-12-22	63.	0.11

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
17,24	D-12-12-23	100.	0.09
17,25	D-12-12-24	24.	0.09
17,26	D-12-13-19	80.	0.11
17,27	D-12-13-20	40.	0.07
17,28	D-12-13-21	92.	0.09
17,29	D-12-13-22	26.	0.10
17,30	D-12-13-23	80.	0.09
17,31	D-12-13-24	24.	0.09
18,03	D-12-09-29	15.	0.02
18,04	D-12-09-28	20.	0.02
18,05	D-12-09-27	20.	0.02
18,06	D-12-09-26	15.	0.03
18,07	D-12-09-25	20.	0.03
18,08	D-12-10-30	33.	0.15
18,09	D-12-10-29	130.	0.14
18,10	D-12-10-28	60.	0.13
18,11	D-12-10-27	90.	0.12
18,12	D-12-10-26	90.	0.12
18,13	D-12-10-25	40.	0.12
18,14	D-12-11-30	42.	0.08
18,15	D-12-11-29	44.	0.06
18,16	D-12-11-28	40.	0.06
18,17	D-12-11-27	30.	0.07

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
18,22	D-12-12-28	90.	0.10
18,23	D-12-12-27	98.	0.14
18,24	D-12-12-26	138.	0.13
18,25	D-12-12-25	100.	0.20
18,26	D-12-13-30	90.	0.14
18,27	D-12-13-29	32.	0.11
18,28	D-12-13-28	47.	0.10
18,29	D-12-13-27	120.	0.13
18,30	D-12-13-26	24.	0.12
18,31	D-12-13-25	30.	0.14
19,08	D-12-10-31	40.	0.08
19,09	D-12-10-32	36.	0.09
19,10	D-12-10-33	117.	0.14
19,11	D-12-10-34	30.	0.12
19,12	D-12-10-35	30.	0.10
19,13	D-12-10-36	30.	0.09
19,14	D-12-11-31	24.	0.08
19,15	D-12-11-32	30.	0.07
19,16	D-12-11-33	20.	0.05
19,17	D-12-11-34	20.	0.05
19,18	D-12-11-35	20.	0.05
19,19	D-12-11-36	10.	0.05
19,22	D-12-12-33	11.	0.06

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LOCAL DESCRIPTION GLAC-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
19,23	D-12-12-34	18.	0.10
19,24	D-12-12-35	150.	0.12
19,25	D-12-12-36	100.	0.10
19,26	D-12-13-31	125.	0.10
19,27	D-12-13-32	14.	0.10
19,28	D-12-13-33	100.	0.15
19,29	D-12-13-34	75.	0.15
19,30	D-12-13-35	39.	0.08
19,31	D-12-13-36	30.	0.07
19,32	D-12-14-31	10.	0.03
20,08	D-13-10-06	40.	0.07
20,09	D-13-10-05	15.	0.06
20,10	D-13-10-04	100.	0.12
20,11	D-13-10-03	108.	0.13
20,12	D-13-10-02	50.	0.10
20,13	D-13-10-01	40.	0.09
20,14	D-13-11-06	40.	0.10
20,15	D-13-11-05	40.	0.07
20,16	D-13-11-04	90.	0.06
20,17	D-13-11-03	30.	0.06
20,18	D-13-11-02	30.	0.05
20,19	D-13-11-01	20.	0.05
20,23	D-13-12-03	5.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
20,24	D-13-12-02	45.	0.08
20,25	D-13-12-01	122.	0.13
20,26	D-13-13-06	275.	0.19
20,27	D-13-13-05	47.	0.10
20,28	D-13-13-04	100.	0.12
20,29	D-13-13-03	166.	0.12
20,30	D-13-13-02	22.	0.09
20,31	D-13-13-01	17.	0.08
20,32	D-13-14-06	10.	0.03
20,33	D-13-14-05	5.	0.03
20,34	D-13-14-04	5.	0.03
20,35	D-13-14-03	5.	0.03
20,36	D-13-14-02	5.	0.07
20,37	D-13-14-01	5.	0.10
21,07	D-13-09-12	10.	0.03
21,08	D-13-10-07	76.	0.05
21,09	D-13-10-08	50.	0.07
21,10	D-13-10-09	70.	0.08
21,11	D-13-10-10	90.	0.11
21,12	D-13-10-11	70.	0.10
21,13	D-13-10-12	80.	0.12
21,14	D-13-11-07	128.	0.16
21,15	D-13-11-08	40.	0.06

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
21,16	D-13-11-09	30.	0.06
21,17	D-13-11-10	30.	0.06
21,24	D-13-12-11	10.	0.09
21,25	D-13-12-12	15.	0.10
21,26	D-13-13-07	275.	0.20
21,27	D-13-13-08	77.	0.20
21,28	D-13-13-09	185.	0.07
21,29	D-13-13-10	150.	0.12
21,30	D-13-13-11	50.	0.14
21,31	D-13-13-12	15.	0.08
21,32	D-13-14-07	5.	0.04
21,33	D-13-14-08	4.	0.04
21,34	D-13-14-09	10.	0.10
21,35	D-13-14-10	10.	0.10
21,36	D-13-14-11	10.	0.10
21,37	D-13-14-12	10.	0.10
21,38	D-13-15-07	10.	0.10
21,39	D-13-15-08	10.	0.10
22,05	D-13-09-15	10.	0.02
22,06	D-13-09-14	10.	0.03
22,07	D-13-09-13	20.	0.03
22,08	D-13-10-18	50.	0.05
22,09	D-13-10-17	50.	0.07

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
22,10	D-13-10-16	70.	0.09
22,11	D-13-10-15	98.	0.10
22,12	D-13-10-14	90.	0.09
22,13	D-13-10-13	100.	0.10
22,14	D-13-11-18	125.	0.12
22,15	D-13-11-17	80.	0.10
22,16	D-13-11-16	50.	0.07
22,17	D-13-11-15	30.	0.05
22,25	D-13-12-13	146.	0.10
22,26	D-13-13-18	100.	0.06
22,27	D-13-13-17	212.	0.15
22,28	D-13-13-16	80.	0.15
22,29	D-13-13-15	70.	0.11
22,30	D-13-13-14	60.	0.18
22,31	D-13-13-13	5.	0.09
22,32	D-13-14-18	5.	0.05
22,33	D-13-14-17	16.	0.09
22,34	D-13-14-16	20.	0.10
22,35	D-13-14-15	15.	0.10
22,36	D-13-14-14	15.	0.10
22,37	D-13-14-13	15.	0.12
22,38	D-13-15-18	10.	0.10
22,39	D-13-15-17	7.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
22,40	D-13-15-16	2.	0.10
22,41	D-13-15-15	5.	0.10
22,42	D-13-15-14	5.	0.10
22,43	D-13-15-13	10.	0.10
22,44	D-13-16-18	3.	0.10
22,45	D-13-16-17	10.	0.03
23,05	D-13-09-22	10.	0.02
23,06	D-13-09-23	20.	0.03
23,07	D-13-09-24	30.	0.03
23,08	D-13-10-19	40.	0.07
23,09	D-13-10-20	50.	0.09
23,10	D-13-10-21	50.	0.07
23,11	D-13-10-22	103.	0.08
23,12	D-13-10-23	36.	0.08
23,13	D-13-10-24	120.	0.11
23,14	D-13-11-19	90.	0.12
23,15	D-13-11-20	98.	0.11
23,16	D-13-11-21	60.	0.03
23,25	D-13-12-24	10.	0.10
23,26	D-13-13-19	24.	0.08
23,27	D-13-13-20	50.	0.17
23,28	D-13-13-21	30.	0.07
23,29	D-13-13-22	25.	0.12

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
23,30	D-13-13-23	10.	0.07
23,31	D-13-13-24	5.	0.08
23,32	D-13-14-19	87.	0.09
23,33	D-13-14-20	56.	0.10
23,34	D-13-14-21	40.	0.17
23,35	D-13-14-22	9.	0.05
23,36	D-13-14-23	10.	0.10
23,37	D-13-14-24	20.	0.10
23,38	D-13-15-19	15.	0.10
23,39	D-13-15-20	10.	0.10
23,40	D-13-15-21	10.	0.10
23,41	D-13-15-22	10.	0.07
23,42	D-13-15-23	10.	0.07
23,43	D-13-15-24	10.	0.08
23,44	D-13-16-19	10.	0.10
23,45	D-13-16-20	10.	0.10
24,05	D-13-09-27	10.	0.03
24,06	D-13-09-26	20.	0.03
24,07	D-13-09-25	30.	0.03
24,08	D-13-10-30	30.	0.05
24,09	D-13-10-29	40.	0.07
24,10	D-13-10-28	50.	0.07
24,11	D-13-10-27	60.	0.07

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
24,12	D-13-10-26	114.	0.07
24,13	D-13-10-25	115.	0.13
24,14	D-13-11-30	100.	0.11
24,15	D-13-11-29	90.	0.08
24,16	D-13-11-28	70.	0.05
24,26	D-13-13-30	10.	0.07
24,27	D-13-13-29	14.	0.10
24,28	D-13-13-28	10.	0.07
24,29	D-13-13-27	10.	0.06
24,30	D-13-13-26	43.	0.05
24,31	D-13-13-25	72.	0.15
24,32	D-13-14-30	80.	0.10
24,33	D-13-14-29	93.	0.13
24,34	D-13-14-28	55.	0.07
24,35	D-13-14-27	43.	0.07
24,36	D-13-14-26	49.	0.09
24,37	D-13-14-25	89.	0.07
24,38	D-13-15-30	30.	0.12
24,39	D-13-15-29	12.	0.06
24,40	D-13-15-28	63.	0.07
24,41	D-13-15-27	63.	0.10
24,42	D-13-15-26	40.	0.10
24,43	D-13-15-25	30.	0.12

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
24,44	D-13-16-30	10.	0.06
24,45	D-13-16-29	10.	0.04
25,05	D-13-09-34	10.	0.03
25,06	D-13-09-35	10.	0.03
25,07	D-13-09-36	20.	0.03
25,08	D-13-10-31	30.	0.03
25,09	D-13-10-32	30.	0.08
25,10	D-13-10-33	40.	0.08
25,11	D-13-10-34	40.	0.10
25,12	D-13-10-35	90.	0.12
25,13	D-13-10-36	100.	0.17
25,14	D-13-11-31	90.	0.11
25,15	D-13-11-32	90.	0.12
25,16	D-13-11-33	70.	0.08
25,26	D-13-13-31	5.	0.10
25,27	D-13-13-32	5.	0.07
25,28	D-13-13-33	17.	0.08
25,29	D-13-13-34	15.	0.07
25,30	D-13-13-35	80.	0.09
25,31	D-13-13-36	89.	0.18
25,32	D-13-14-31	40.	0.07
25,33	D-13-14-32	26.	0.07
25,34	D-13-14-33	23.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAI-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
25,35	D-13-14-34	50.	0.17
25,36	D-13-14-35	36.	0.09
25,37	D-13-14-36	53.	0.10
25,38	D-13-15-31	20.	0.09
25,39	D-13-15-32	30.	0.04
25,40	D-13-15-33	60.	0.10
25,41	D-13-15-34	59.	0.10
25,42	D-13-15-35	87.	0.13
25,43	D-13-15-36	11.	0.09
25,44	D-13-16-31	40.	0.07
25,45	D-13-16-32	30.	0.06
25,46	D-13-16-33	31.	0.05
26,09	D-14-10-05	10.	0.05
26,10	D-14-10-04	20.	0.05
26,11	D-14-10-03	30.	0.05
26,12	D-14-10-02	40.	0.07
26,13	D-14-10-01	40.	0.11
26,14	D-14-11-06	104.	0.11
26,15	D-14-11-05	100.	0.10
26,16	D-14-11-04	130.	0.13
26,17	D-14-11-03	60.	0.13
26,18	D-14-11-02	60.	0.14
26,28	D-14-13-04	10.	0.05

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
26,29	D-14-13-03	40.	0.10
26,30	D-14-13-02	68.	0.14
26,31	D-14-13-01	20.	0.10
26,32	D-14-14-06	49.	0.08
26,33	D-14-14-05	50.	0.13
26,34	D-14-14-04	60.	0.12
26,35	D-14-14-03	65.	0.12
26,36	D-14-14-02	103.	0.12
26,37	D-14-14-01	68.	0.09
26,38	D-14-15-06	35.	0.11
26,39	D-14-15-05	30.	0.11
26,40	D-14-15-04	30.	0.08
26,41	D-14-15-03	15.	0.07
26,42	D-14-15-02	86.	0.12
26,43	D-14-15-01	70.	0.08
26,44	D-14-16-06	69.	0.11
26,45	D-14-16-05	43.	0.14
26,46	D-14-16-04	12.	0.03
26,47	D-14-16-03	20.	0.05
27,10	D-14-10-09	10.	0.05
27,11	D-14-10-10	20.	0.06
27,12	D-14-10-11	40.	0.08
27,13	D-14-10-12	60.	0.06

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
27,14	D-14-11-07	107.	0.12
27,15	D-14-11-08	80.	0.07
27,16	D-14-11-09	90.	0.13
27,17	D-14-11-10	60.	0.13
27,18	D-14-11-11	40.	0.13
27,19	D-14-11-12	10.	0.12
27,28	D-14-13-09	10.	0.03
27,29	D-14-13-10	32.	0.05
27,30	D-14-13-11	25.	0.07
27,31	D-14-13-12	59.	0.09
27,32	D-14-14-07	38.	0.10
27,33	D-14-14-08	20.	0.08
27,34	D-14-14-09	50.	0.10
27,35	D-14-14-10	30.	0.10
27,36	D-14-14-11	153.	0.08
27,37	D-14-14-12	140.	0.08
27,38	D-14-15-07	45.	0.08
27,39	D-14-15-08	20.	0.08
27,40	D-14-15-09	20.	0.10
27,41	D-14-15-10	20.	0.08
27,42	D-14-15-11	15.	0.12
27,43	D-14-15-12	50.	0.12
27,44	D-14-16-07	30.	0.09

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
27,45	D-14-16-08	15.	0.07
27,46	D-14-16-09	5.	0.05
28,10	D-14-10-16	10.	0.03
28,11	D-14-10-15	20.	0.06
28,12	D-14-10-14	40.	0.08
28,13	D-14-10-13	30.	0.12
28,14	D-14-11-18	50.	0.17
28,15	D-14-11-17	60.	0.14
28,16	D-14-11-16	90.	0.13
28,17	D-14-11-15	80.	0.13
28,18	D-14-11-14	30.	0.12
28,19	D-14-11-13	24.	0.08
28,20	D-14-12-18	20.	0.10
28,21	D-14-12-17	20.	0.08
28,30	D-14-13-14	8.	0.11
28,31	D-14-13-13	28.	0.07
28,32	D-14-14-18	20.	0.10
28,33	D-14-14-17	25.	0.09
28,34	D-14-14-16	40.	0.10
28,35	D-14-14-15	166.	0.08
28,36	D-14-14-14	100.	0.07
28,37	D-14-14-13	225.	0.08
28,38	D-14-15-18	50.	0.08

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
28,39	D-14-15-17	20.	0.08
28,40	D-14-15-16	12.	0.07
28,41	D-14-15-15	20.	0.08
28,42	D-14-15-14	20.	0.12
28,43	D-14-15-13	50.	0.12
28,44	D-14-16-18	30.	0.09
28,45	D-14-16-17	15.	0.10
28,46	D-14-16-16	5.	0.10
29,10	D-14-10-21	10.	0.03
29,11	D-14-10-22	20.	0.05
29,12	D-14-10-23	30.	0.05
29,13	D-14-10-24	30.	0.12
29,14	D-14-11-19	110.	0.23
29,15	D-14-11-20	60.	0.21
29,16	D-14-11-21	100.	0.21
29,17	D-14-11-22	245.	0.18
29,18	D-14-11-23	30.	0.12
29,19	D-14-11-24	40.	0.10
29,20	D-14-12-19	30.	0.10
29,21	D-14-12-20	20.	0.10
29,29	D-14-13-22	10.	0.05
29,30	D-14-13-23	20.	0.09
29,31	D-14-13-24	16.	0.08

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
29,32	D-14-14-19	20.	0.11
29,33	D-14-14-20	25.	0.04
29,34	D-14-14-21	25.	0.05
29,35	D-14-14-22	29.	0.08
29,36	D-14-14-23	64.	0.07
29,37	D-14-14-24	102.	0.08
29,38	D-14-15-19	79.	0.11
29,39	D-14-15-20	60.	0.08
29,40	D-14-15-21	12.	0.10
29,41	D-14-15-22	19.	0.07
29,42	D-14-15-23	20.	0.10
29,43	D-14-15-24	10.	0.10
29,44	D-14-16-19	5.	0.09
29,45	D-14-16-20	10.	0.10
30,11	D-14-10-27	20.	0.03
30,12	D-14-10-26	30.	0.06
30,13	D-14-10-25	30.	0.10
30,14	D-14-11-30	60.	0.18
30,15	D-14-11-29	290.	0.23
30,16	D-14-11-28	270.	0.25
30,17	D-14-11-27	120.	0.17
30,18	D-14-11-26	20.	0.12
30,19	D-14-11-25	60.	0.11

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
30,20	D-14-12-30	50.	0.13
30,21	D-14-12-29	40.	0.10
30,22	D-14-12-28	30.	0.10
30,23	D-14-12-27	20.	0.10
30,24	D-14-12-26	10.	0.10
30,29	D-14-13-27	77.	0.17
30,30	D-14-13-26	50.	0.17
30,31	D-14-13-25	20.	0.03
30,32	D-14-14-30	20.	0.08
30,33	D-14-14-29	17.	0.05
30,34	D-14-14-28	39.	0.05
30,35	D-14-14-27	100.	0.11
30,36	D-14-14-26	100.	0.08
30,37	D-14-14-25	40.	0.08
30,38	D-14-15-30	50.	0.08
30,39	D-14-15-29	15.	0.08
30,40	D-14-15-28	30.	0.08
30,41	D-14-15-27	20.	0.08
30,42	D-14-15-26	20.	0.10
30,43	D-14-15-25	5.	0.09
30,44	D-14-16-30	5.	0.09
30,45	D-14-16-29	10.	0.10
31,12	D-14-10-35	20.	0.05

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TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
31,13	D-14-10-36	40.	0.10
31,14	D-14-11-31	60.	0.16
31,15	D-14-11-32	60.	0.21
31,16	D-14-11-33	120.	0.23
31,17	D-14-11-34	196.	0.16
31,18	D-14-11-35	70.	0.10
31,19	D-14-11-36	80.	0.11
31,20	D-14-12-31	60.	0.12
31,21	D-14-12-32	60.	0.10
31,22	D-14-12-33	40.	0.10
31,23	D-14-12-34	30.	0.10
31,24	D-14-12-35	20.	0.10
31,25	D-14-12-36	10.	0.03
31,30	D-14-13-35	37.	0.09
31,31	D-14-13-36	33.	0.07
31,32	D-14-14-31	20.	0.06
31,33	D-14-14-32	50.	0.05
31,34	D-14-14-33	90.	0.08
31,35	D-14-14-34	100.	0.07
31,36	D-14-14-35	131.	0.07
31,37	D-14-14-36	10.	0.06
31,38	D-14-15-31	60.	0.08
31,39	D-14-15-32	50.	0.05

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION (GAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
31,40	D-14-15-33	30.	0.06
31,41	D-14-15-34	20.	0.07
31,42	D-14-15-35	21.	0.08
31,43	D-14-15-36	20.	0.09
31,44	D-14-16-31	5.	0.10
31,45	D-14-16-32	5.	0.10
32,13	D-15-10-01	50.	0.08
32,14	D-15-11-06	60.	0.16
32,15	D-15-11-05	100.	0.19
32,16	D-15-11-04	80.	0.22
32,17	D-15-11-03	20.	0.10
32,18	D-15-11-02	200.	0.10
32,19	D-15-11-01	150.	0.10
32,20	D-15-12-06	147.	0.10
32,21	D-15-12-05	70.	0.10
32,22	D-15-12-04	60.	0.10
32,23	D-15-12-03	40.	0.10
32,28	D-15-13-04	30.	0.03
32,29	D-15-13-03	100.	0.07
32,30	D-15-13-02	120.	0.08
32,31	D-15-13-01	60.	0.06
32,32	D-15-14-06	23.	0.05
32,33	D-15-14-05	15.	0.04

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
32,34	D-15-14-04	50.	0.18
32,35	D-15-14-03	40.	0.07
32,36	D-15-14-02	40.	0.08
32,37	D-15-14-01	50.	0.05
32,38	D-15-15-06	50.	0.07
32,39	D-15-15-05	50.	0.10
32,40	D-15-15-04	42.	0.10
32,41	D-15-15-03	20.	0.10
32,42	D-15-15-02	20.	0.11
32,43	D-15-15-01	20.	0.11
32,44	D-15-16-06	5.	0.10
32,45	D-15-16-05	5.	0.10
33,13	D-15-10-12	40.	0.10
33,14	D-15-11-07	70.	0.12
33,15	D-15-11-08	80.	0.12
33,16	D-15-11-09	120.	0.22
33,17	D-15-11-10	100.	0.13
33,18	D-15-11-11	161.	0.10
33,19	D-15-11-12	100.	0.08
33,20	D-15-12-07	80.	0.08
33,21	D-15-12-08	80.	0.10
33,22	D-15-12-09	60.	0.10
33,23	D-15-12-10	40.	0.08

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
33,28	D-15-13-09	30.	0.03
33,29	D-15-13-10	120.	0.10
33,30	D-15-13-11	120.	0.08
33,31	D-15-13-12	70.	0.05
33,32	D-15-14-07	26.	0.05
33,33	D-15-14-08	42.	0.08
33,34	D-15-14-09	40.	0.05
33,35	D-15-14-10	20.	0.04
33,36	D-15-14-11	20.	0.05
33,37	D-15-14-12	21.	0.05
33,38	D-15-15-07	40.	0.05
33,39	D-15-15-08	40.	0.10
33,40	D-15-15-09	40.	0.12
33,41	D-15-15-10	30.	0.06
33,42	D-15-15-11	30.	0.10
33,43	D-15-15-12	30.	0.10
33,44	D-15-16-07	10.	0.12
33,45	D-15-16-08	5.	0.10
34,08	D-15-10-18	30.	0.07
34,09	D-15-10-17	30.	0.07
34,10	D-15-10-16	20.	0.10
34,11	D-15-10-15	25.	0.10
34,12	D-15-10-14	30.	0.08

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAC-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
34,13	D-15-10-13	40.	0.10
34,14	D-15-11-18	60.	0.12
34,15	D-15-11-17	60.	0.07
34,16	D-15-11-16	60.	0.21
34,17	D-15-11-15	60.	0.20
34,18	D-15-11-14	60.	0.12
34,19	D-15-11-13	60.	0.08
34,20	D-15-12-18	60.	0.08
34,21	D-15-12-17	60.	0.10
34,22	D-15-12-16	100.	0.10
34,23	D-15-12-15	40.	0.08
34,28	D-15-13-16	30.	0.03
34,29	D-15-13-15	90.	0.05
34,30	D-15-13-14	100.	0.08
34,31	D-15-13-13	60.	0.06
34,32	D-15-14-18	54.	0.07
34,33	D-15-14-17	38.	0.10
34,34	D-15-14-16	40.	0.10
34,35	D-15-14-15	40.	0.10
34,36	D-15-14-14	50.	0.05
34,37	D-15-14-13	50.	0.05
34,38	D-15-15-18	50.	0.05
34,39	D-15-15-17	50.	0.06

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TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
34,40	D-15-15-16	50.	0.06
34,41	D-15-15-15	20.	0.03
34,42	D-15-15-14	50.	0.06
34,43	D-15-15-13	30.	0.08
34,44	D-15-16-18	5.	0.10
34,45	D-15-16-17	10.	0.08
34,46	D-15-16-16	8.	0.08
34,47	D-15-16-15	5.	0.08
35,08	D-15-10-19	40.	0.07
35,09	D-15-10-20	40.	0.07
35,10	D-15-10-21	25.	0.10
35,11	D-15-10-22	30.	0.06
35,12	D-15-10-23	35.	0.08
35,13	D-15-10-24	40.	0.12
35,14	D-15-11-19	80.	0.16
35,15	D-15-11-20	100.	0.12
35,16	D-15-11-21	40.	0.10
35,17	D-15-11-22	40.	0.07
35,18	D-15-11-23	40.	0.10
35,19	D-15-11-24	40.	0.08
35,20	D-15-12-19	40.	0.08
35,21	D-15-12-20	40.	0.10
35,22	D-15-12-21	187.	0.16

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
35,23	D-15-12-22	40.	0.08
35,28	D-15-13-21	50.	0.08
35,29	D-15-13-22	70.	0.10
35,30	D-15-13-23	90.	0.03
35,31	D-15-13-24	70.	0.10
35,32	D-15-14-19	146.	0.12
35,33	D-15-14-20	40.	0.10
35,34	D-15-14-21	60.	0.10
35,35	D-15-14-22	60.	0.10
35,36	D-15-14-23	60.	0.08
35,37	D-15-14-24	70.	0.08
35,38	D-15-15-19	90.	0.09
35,39	D-15-15-20	110.	0.08
35,40	D-15-15-21	140.	0.08
35,41	D-15-15-22	80.	0.06
35,42	D-15-15-23	60.	0.07
35,43	D-15-15-24	14.	0.08
35,44	D-15-16-19	15.	0.08
35,45	D-15-16-20	10.	0.08
35,46	D-15-16-21	10.	0.08
35,47	D-15-16-22	10.	0.12
36,08	D-15-10-30	50.	0.07
36,09	D-15-10-29	54.	0.15

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
36,10	D-15-10-28	40.	0.08
36,11	D-15-10-27	35.	0.08
36,12	D-15-10-26	35.	0.09
36,13	D-15-10-25	30.	0.10
36,14	D-15-11-30	30.	0.12
36,15	D-15-11-29	30.	0.10
36,16	D-15-11-28	30.	0.10
36,17	D-15-11-27	30.	0.08
36,18	D-15-11-26	30.	0.08
36,19	D-15-11-25	30.	0.07
36,20	D-15-12-30	20.	0.07
36,21	D-15-12-29	20.	0.10
36,22	D-15-12-28	20.	0.10
36,23	D-15-12-27	20.	0.08
36,29	D-15-13-27	40.	0.09
36,30	D-15-13-26	70.	0.07
36,31	D-15-13-25	60.	0.10
36,32	D-15-14-30	61.	0.15
36,33	D-15-14-29	64.	0.15
36,34	D-15-14-28	60.	0.10
36,35	D-15-14-27	60.	0.09
36,36	D-15-14-26	70.	0.09
36,37	D-15-14-25	90.	0.09

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAC-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
36,38	D-15-15-30	100.	0.09
36,39	D-15-15-29	100.	0.09
36,40	D-15-15-28	60.	0.09
36,41	D-15-15-27	70.	0.09
36,42	D-15-15-26	60.	0.08
36,43	D-15-15-25	50.	0.08
36,44	D-15-16-30	50.	0.08
36,45	D-15-16-29	25.	0.10
36,46	D-15-16-28	10.	0.08
36,47	D-15-16-27	10.	0.10
37,08	D-15-10-31	60.	0.05
37,09	D-15-10-32	50.	0.12
37,10	D-15-10-33	45.	0.11
37,11	D-15-10-34	75.	0.13
37,12	D-40-10-35	40.	0.09
37,13	D-15-10-36	30.	0.09
37,14	D-15-11-31	40.	0.10
37,15	D-15-11-32	40.	0.10
37,16	D-15-11-33	50.	0.08
37,17	D-15-11-34	40.	0.08
37,18	D-15-11-35	20.	0.07
37,19	D-15-11-36	20.	0.07
37,20	D-15-12-31	20.	0.07

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
37,21	D-15-12-32	20.	0.07
37,22	D-15-12-33	20.	0.07
37,23	D-15-12-34	20.	0.07
37,28	D-15-13-33	30.	0.03
37,29	D-15-13-34	40.	0.09
37,30	D-15-13-35	40.	0.09
37,31	D-15-13-36	40.	0.10
37,32	D-15-14-31	60.	0.15
37,33	D-15-14-32	50.	0.15
37,34	D-15-14-33	50.	0.10
37,35	D-15-14-34	115.	0.09
37,36	D-15-14-35	60.	0.09
37,37	D-15-14-36	70.	0.09
37,38	D-15-15-31	90.	0.09
37,39	D-15-15-32	90.	0.08
37,40	D-15-15-33	100.	0.09
37,41	D-15-15-34	70.	0.09
37,42	D-15-15-35	60.	0.09
37,43	D-15-15-36	50.	0.10
37,44	D-15-16-31	50.	0.10
37,45	D-15-16-32	50.	0.08
37,46	D-15-16-33	60.	0.15
37,47	D-15-16-34	20.	0.05

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAC-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
38,05	D-16-09-03	10.	0.03
38,06	D-16-09-02	10.	0.03
38,07	D-16-09-01	20.	0.03
38,08	D-16-10-06	20.	0.10
38,09	D-16-10-05	60.	0.15
38,10	D-16-10-04	72.	0.11
38,11	D-16-10-03	30.	0.13
38,12	D-16-10-02	30.	0.13
38,13	D-16-10-01	40.	0.10
38,14	D-16-11-06	40.	0.10
38,15	D-16-11-05	40.	0.12
38,16	D-16-11-04	40.	0.12
38,17	D-16-11-03	40.	0.12
38,18	D-16-11-02	35.	0.09
38,19	D-16-11-01	15.	0.09
38,20	D-16-12-06	15.	0.07
38,21	D-16-12-05	10.	0.07
38,22	D-16-12-04	5.	0.07
38,27	D-16-13-05	5.	0.03
38,28	D-16-13-04	20.	0.06
38,29	D-16-13-03	20.	0.10
38,30	D-16-13-02	30.	0.10
38,31	D-16-13-01	40.	0.11

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
38,32	D-16-14-06	59.	0.15
38,33	D-16-14-05	30.	0.15
38,34	D-16-14-04	60.	0.10
38,35	D-16-14-03	80.	0.10
38,36	D-16-14-02	70.	0.10
38,37	D-16-14-01	100.	0.12
38,38	D-16-15-06	110.	0.09
38,39	D-16-15-05	100.	0.06
38,40	D-16-15-04	90.	0.14
38,41	D-16-15-03	70.	0.10
38,42	D-16-15-02	60.	0.10
38,43	D-16-15-01	154.	0.18
38,44	D-16-16-06	40.	0.10
38,45	D-16-16-05	30.	0.08
38,46	D-16-16-04	20.	0.07
38,47	D-16-16-03	10.	0.05
39,04	D-16-09-09	10.	0.03
39,05	D-16-09-10	20.	0.03
39,06	D-16-09-11	20.	0.03
39,07	D-16-09-12	30.	0.10
39,08	D-16-10-07	30.	0.12
39,09	D-16-10-08	24.	0.09
39,10	D-16-10-09	40.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
39,11	D-16-10-10	30.	0.13
39,12	D-16-10-11	30.	0.13
39,13	D-16-10-12	35.	0.10
39,14	D-16-11-07	30.	0.10
39,15	D-16-11-08	50.	0.10
39,16	D-16-11-09	40.	0.10
39,17	D-16-11-10	35.	0.12
39,18	D-16-11-11	10.	0.12
39,19	D-16-11-12	10.	0.09
39,20	D-16-12-07	10.	0.07
39,21	D-16-12-08	5.	0.05
39,27	D-16-13-08	5.	0.05
39,28	D-16-13-09	30.	0.08
39,29	D-16-13-10	50.	0.10
39,30	D-16-13-11	60.	0.10
39,31	D-16-13-12	80.	0.10
39,32	D-16-14-07	22.	0.10
39,33	D-16-14-08	50.	0.10
39,34	D-16-14-09	60.	0.10
39,35	D-16-14-10	70.	0.09
39,36	D-16-14-11	80.	0.09
39,37	D-16-14-12	90.	0.10
39,38	D-16-15-07	100.	0.08

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
39,39	D-16-15-08	90.	0.07
39,40	D-16-15-09	100.	0.10
39,41	D-16-15-10	60.	0.10
39,42	D-16-15-11	60.	0.10
39,43	D-16-15-12	60.	0.10
39,44	D-16-16-07	40.	0.10
39,45	D-16-16-08	30.	0.08
39,46	D-16-16-09	20.	0.05
39,47	D-16-16-10	10.	0.03
40,02	D-16-09-18B	20.	0.10
40,03	D-16-09-17B	20.	0.05
40,04	D-16-09-16	20.	0.05
40,05	D-16-09-15	20.	0.05
40,06	D-16-09-14	30.	0.05
40,07	D-16-09-13	40.	0.10
40,08	D-16-10-18	40.	0.10
40,09	D-16-10-17	40.	0.09
40,10	D-16-10-16	40.	0.10
40,11	D-16-10-15	30.	0.13
40,12	D-16-10-14	30.	0.13
40,13	D-16-10-13	25.	0.10
40,14	D-16-11-18	30.	0.09
40,15	D-16-11-17	40.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
40,16	D-16-11-16	40.	0.10
40,17	D-16-11-15	30.	0.10
40,18	D-16-11-14	10.	0.10
40,19	D-16-11-13	80.	0.10
40,20	D-16-12-18	5.	0.05
40,26	D-16-13-18	5.	0.05
40,27	D-16-13-17	10.	0.06
40,28	D-16-13-16	30.	0.08
40,29	D-16-13-15	60.	0.10
40,30	D-16-13-14	14.	0.10
40,31	D-16-13-13	80.	0.09
40,32	D-16-14-18	58.	0.08
40,33	D-16-14-17	50.	0.07
40,34	D-16-14-16	60.	0.08
40,35	D-16-14-15	60.	0.08
40,36	D-16-14-14	80.	0.08
40,37	D-16-14-13	80.	0.09
40,38	D-16-15-18	90.	0.08
40,39	D-16-15-17	100.	0.09
40,40	D-16-15-16	90.	0.10
40,41	D-16-15-15	50.	0.10
40,42	D-16-15-14	104.	0.10
40,43	D-16-15-13	60.	0.05

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
40,44	D-16-16-18	40.	0.08
40,45	D-16-16-17	30.	0.08
40,46	D-16-16-16	71.	0.08
40,47	D-16-16-15	8.	0.09
41,02	D-16-09-19B	30.	0.10
41,03	D-16-09-20B	13.	0.04
41,04	D-16-09-21	9.	0.02
41,05	D-16-09-22	30.	0.05
41,06	D-16-09-23	40.	0.05
41,07	D-16-09-24	76.	0.10
41,08	D-16-10-19	85.	0.10
41,09	D-16-10-20	80.	0.10
41,10	D-16-10-21	30.	0.10
41,11	D-16-10-22	30.	0.13
41,12	D-16-10-23	12.	0.13
41,13	D-16-10-24	15.	0.11
41,14	D-16-11-19	15.	0.07
41,15	D-16-11-20	30.	0.10
41,16	D-16-11-21	30.	0.10
41,17	D-16-11-22	30.	0.10
41,19	D-16-11-24	10.	0.06
41,26	D-16-13-19	5.	0.05
41,27	D-16-13-20	10.	0.06

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
41,28	D-16-13-21	30.	0.08
41,29	D-16-13-22	90.	0.09
41,30	D-16-13-23	80.	0.09
41,31	D-16-13-24	90.	0.08
41,32	D-16-14-19	103.	0.07
41,33	D-16-14-20	24.	0.05
41,34	D-16-14-21	50.	0.07
41,35	D-16-14-22	80.	0.08
41,36	D-16-14-23	60.	0.08
41,37	D-16-14-24	60.	0.08
41,38	D-16-15-19	60.	0.08
41,39	D-16-15-20	60.	0.10
41,40	D-16-15-21	50.	0.09
41,41	D-16-15-22	64.	0.06
41,42	D-16-15-23	63.	0.10
41,43	D-16-15-24	60.	0.10
41,44	D-16-16-19	40.	0.08
41,45	D-16-16-20	40.	0.06
41,46	D-16-16-21	30.	0.06
41,47	D-16-16-22	20.	0.06
41,48	D-16-16-23	10.	0.03
41,49	D-16-16-24	10.	0.03
42,02	D-16-09-30B	85.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
42,03	D-16-09-29B	75.	0.07
42,04	D-16-09-28	100.	0.10
42,05	D-16-09-27	30.	0.10
42,06	D-16-09-26	40.	0.10
42,07	D-16-09-25	39.	0.10
42,08	D-16-10-30	112.	0.12
42,09	D-16-10-29	60.	0.10
42,10	D-16-10-28	30.	0.10
42,11	D-16-10-27	20.	0.10
42,12	D-16-10-26	20.	0.10
42,13	D-16-10-25	30.	0.10
42,14	D-16-11-30	10.	0.06
42,15	D-16-11-29	10.	0.05
42,28	D-16-13-28	20.	0.08
42,29	D-16-13-27	80.	0.09
42,30	D-16-13-26	100.	0.08
42,31	D-16-13-25	100.	0.07
42,32	D-16-14-30	50.	0.06
42,33	D-16-14-29	60.	0.08
42,34	D-16-14-28	60.	0.05
42,35	D-16-14-27	60.	0.07
42,36	D-16-14-26	60.	0.07
42,37	D-16-14-25	60.	0.07

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
42,38	D-16-15-30	60.	0.09
42,39	D-16-15-29	60.	0.14
42,40	D-16-15-28	78.	0.08
42,41	D-16-15-27	117.	0.08
42,42	D-16-15-26	60.	0.10
42,43	D-16-15-25	60.	0.10
42,44	D-16-16-30	40.	0.10
42,45	D-16-16-29	40.	0.08
42,46	D-16-16-28	30.	0.08
42,47	D-16-16-27	30.	0.07
42,48	D-16-16-26	10.	0.03
42,49	D-16-16-25	10.	0.03
43,02	D-16-09-31A	30.	0.08
43,03	D-16-09-32A	30.	0.10
43,04	D-16-09-33	40.	0.10
43,05	D-16-09-34	40.	0.10
43,06	D-16-09-35	40.	0.10
43,07	D-16-09-36	40.	0.05
43,08	D-16-10-31	40.	0.10
43,09	D-16-10-32	30.	0.10
43,10	D-16-10-33	20.	0.10
43,11	D-16-10-34	20.	0.09
43,12	D-16-10-35	20.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
43,13	D-16-10-36	10.	0.07
43,14	D-16-11-31	10.	0.05
43,28	D-16-13-33	20.	0.08
43,29	D-16-13-34	43.	0.12
43,30	D-16-13-35	139.	0.08
43,31	D-16-13-36	98.	0.07
43,32	D-16-14-31	45.	0.07
43,33	D-16-14-32	50.	0.05
43,34	D-16-14-33	50.	0.09
43,35	D-16-14-34	60.	0.08
43,36	D-16-14-35	50.	0.07
43,37	D-16-14-36	50.	0.08
43,38	D-16-15-31	50.	0.10
43,39	D-16-15-32	30.	0.14
43,40	D-16-15-33	40.	0.09
43,41	D-16-15-34	57.	0.08
43,42	D-16-15-35	60.	0.10
43,43	D-16-15-36	60.	0.10
43,44	D-16-16-31	40.	0.10
43,45	D-16-16-32	30.	0.09
43,46	D-16-16-33	30.	0.08
43,47	D-16-16-34	20.	0.08
43,48	D-16-16-35	10.	0.07

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
43,49	D-16-16-36	10.	0.07
44,28	D-17-13-04	30.	0.09
44,29	D-17-13-03	50.	0.10
44,30	D-17-13-02	120.	0.09
44,31	D-17-13-01	100.	0.08
44,32	D-17-14-06	50.	0.09
44,33	D-17-14-05	50.	0.09
44,34	D-17-14-04	118.	0.10
44,35	D-17-14-03	142.	0.07
44,36	D-17-14-02	107.	0.07
44,37	D-17-14-01	100.	0.10
44,38	D-17-15-06	40.	0.10
44,39	D-17-15-05	70.	0.15
44,40	D-17-15-04	40.	0.09
44,41	D-17-15-03	30.	0.09
44,42	D-17-15-02	60.	0.10
44,43	D-17-15-01	50.	0.10
44,44	D-17-16-06	50.	0.10
44,45	D-17-16-05	40.	0.09
44,46	D-17-16-04	30.	0.09
44,47	D-17-16-03	30.	0.08
44,48	D-17-16-02	20.	0.07
44,49	D-17-16-01	10.	0.07

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
45,28	D-17-13-09	30.	0.08
45,29	D-17-13-10	25.	0.06
45,30	D-17-13-11	80.	0.07
45,31	D-17-13-12	100.	0.10
45,32	D-17-14-07	20.	0.10
45,33	D-17-14-08	28.	0.05
45,34	D-17-14-09	50.	0.08
45,35	D-17-14-10	50.	0.07
45,36	D-17-14-11	40.	0.08
45,37	D-17-14-12	20.	0.09
45,38	D-17-15-07	40.	0.08
45,39	D-17-15-08	30.	0.10
45,40	D-17-15-09	30.	0.08
45,41	D-17-15-10	40.	0.08
45,42	D-17-15-11	30.	0.08
45,43	D-17-15-12	30.	0.08
45,44	D-17-16-07	40.	0.08
45,45	D-17-16-08	40.	0.08
45,46	D-17-16-09	30.	0.09
45,47	D-17-16-10	20.	0.09
45,48	D-17-16-11	15.	0.08
45,49	D-17-16-12	5.	0.08
46,28	D-17-13-16	50.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
46,29	D-17-13-15	80.	0.08
46,30	D-17-13-14	100.	0.10
46,31	D-17-13-13	80.	0.15
46,32	D-17-14-18	37.	0.10
46,33	D-17-14-17	66.	0.07
46,34	D-17-14-16	50.	0.08
46,35	D-17-14-15	50.	0.09
46,36	D-17-14-14	40.	0.09
46,37	D-17-14-13	40.	0.09
46,38	D-17-15-18	40.	0.08
46,39	D-17-15-17	40.	0.07
46,40	D-17-15-16	40.	0.10
46,41	D-17-15-15	40.	0.10
46,42	D-17-15-14	30.	0.07
46,43	D-17-15-13	30.	0.05
46,44	D-17-16-18	30.	0.05
46,45	D-17-16-17	30.	0.09
46,46	D-17-16-16	30.	0.09
46,47	D-17-16-15	20.	0.09
46,48	D-17-16-14	15.	0.08
46,49	D-17-16-13	5.	0.08
47,29	D-17-13-22	80.	0.08
47,30	D-17-13-23	140.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
47,31	D-17-13-24	90.	0.12
47,32	D-17-14-19	50.	0.10
47,33	D-17-14-20	70.	0.08
47,34	D-17-14-21	38.	0.08
47,35	D-17-14-22	50.	0.09
47,36	D-17-14-23	40.	0.10
47,37	D-17-14-24	20.	0.12
47,38	D-17-15-19	20.	0.08
47,39	D-17-15-20	20.	0.10
47,40	D-17-15-21	20.	0.10
47,41	D-17-15-22	15.	0.10
47,42	D-17-15-23	10.	0.05
47,43	D-17-15-24	10.	0.05
47,44	D-17-16-19	10.	0.03
47,45	D-17-16-20	15.	0.05
47,46	D-17-16-21	15.	0.09
47,47	D-17-16-22	10.	0.08
47,48	D-17-16-23	5.	0.09
47,49	D-17-16-24	3.	0.09
48,28	D-17-13-28	40.	0.10
48,29	D-17-13-27	70.	0.10
48,30	D-17-13-26	80.	0.15
48,31	D-17-13-25	60.	0.17

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
48,32	D-17-14-30	35.	0.06
48,33	D-17-14-29	62.	0.12
48,34	D-17-14-28	50.	0.10
48,35	D-17-14-27	40.	0.09
48,36	D-17-14-26	30.	0.10
48,37	D-17-14-25	20.	0.09
48,38	D-17-15-30	20.	0.10
48,39	D-17-15-29	20.	0.10
48,40	D-17-15-28	15.	0.10
48,41	D-17-15-27	10.	0.05
48,42	D-17-15-26	5.	0.03
48,43	D-17-15-25	5.	0.03
49,27	D-17-13-32	10.	0.05
49,28	D-17-13-33	30.	0.08
49,29	D-17-13-34	50.	0.08
49,30	D-17-13-35	70.	0.05
49,31	D-17-13-36	84.	0.08
49,32	D-17-14-31	50.	0.04
49,33	D-17-14-32	60.	0.08
49,34	D-17-14-33	50.	0.08
49,35	D-17-14-34	40.	0.08
49,36	D-17-14-35	30.	0.09
49,37	D-17-14-36	20.	0.09

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
49,38	D-17-15-31	20.	0.08
49,39	D-17-15-32	20.	0.07
49,40	D-17-15-33	15.	0.05
49,41	D-17-15-34	63.	0.03
50,27	D-18-13-05	5.	0.05
50,28	D-18-13-04	15.	0.06
50,29	D-18-13-03	14.	0.06
50,30	D-18-13-02	141.	0.12
50,31	D-18-13-01	168.	0.08
50,32	D-18-14-06	100.	0.11
50,33	D-18-14-05	40.	0.10
50,34	D-18-14-04	30.	0.08
50,35	D-18-14-03	30.	0.08
50,36	D-18-14-02	20.	0.08
50,37	D-18-14-01	20.	0.07
50,38	D-18-15-06	20.	0.07
50,39	D-18-15-05	15.	0.06
50,40	D-18-15-04	10.	0.05
50,41	D-18-15-03	5.	0.03
51,27	D-18-13-08	5.	0.08
51,28	D-18-13-09	15.	0.08
51,29	D-18-13-10	109.	0.07
51,30	D-18-13-11	151.	0.08

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
51,31	D-18-13-12	40.	0.05
51,32	D-18-14-07	45.	0.10
51,33	D-18-14-08	30.	0.03
51,34	D-18-14-09	30.	0.07
51,35	D-18-14-10	30.	0.08
51,36	D-18-14-11	20.	0.08
51,37	D-18-14-12	20.	0.07
51,38	D-18-15-07	20.	0.07
51,39	D-18-15-08	15.	0.06
51,40	D-18-15-09	10.	0.05
51,41	D-18-15-10	5.	0.03
52,27	D-18-13-17	10.	0.08
52,28	D-18-13-16	30.	0.08
52,29	D-18-13-15	80.	0.09
52,30	D-18-13-14	108.	0.10
52,31	D-18-13-13	20.	0.08
52,32	D-18-14-18	50.	0.08
52,33	D-18-14-17	54.	0.11
52,34	D-18-14-16	30.	0.10
52,35	D-18-14-15	20.	0.08
52,36	D-18-14-14	20.	0.07
52,37	D-18-14-13	20.	0.06
52,38	D-18-15-18	20.	0.06

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAC-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
52,39	D-18-15-17	10.	0.05
52,40	D-18-15-16	5.	0.03
53,27	D-18-13-20	20.	0.10
53,28	D-18-13-21	90.	0.10
53,29	D-18-13-22	43.	0.07
53,30	D-18-13-23	100.	0.05
53,31	D-18-13-24	50.	0.08
53,32	D-18-14-19	40.	0.06
53,33	D-18-14-20	40.	0.10
53,34	D-18-14-21	30.	0.09
53,35	D-18-14-22	20.	0.09
53,36	D-18-14-23	20.	0.08
53,37	D-18-14-24	20.	0.06
53,38	D-18-15-19	20.	0.05
53,39	D-18-15-20	10.	0.03
54,27	D-18-13-29	158.	0.08
54,28	D-18-13-28	168.	0.09
54,29	D-18-13-27	100.	0.05
54,30	D-18-13-26	182.	0.13
54,31	D-18-13-25	50.	0.10
54,32	D-18-14-30	40.	0.09
54,33	D-18-14-29	30.	0.09
54,34	D-18-14-28	20.	0.08

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAC-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
54,35	D-18-14-27	30.	0.08
54,36	D-18-14-26	30.	0.07
54,37	D-18-14-25	30.	0.06
54,38	D-18-15-30	20.	0.05
54,39	D-18-15-29	10.	0.03
55,27	D-18-13-32	50.	0.07
55,28	D-18-13-33	60.	0.09
55,29	D-18-13-34	81.	0.15
55,30	D-18-13-35	38.	0.05
55,31	D-18-13-36	50.	0.07
55,32	D-18-14-31	40.	0.08
55,33	D-18-14-32	20.	0.08
55,34	D-18-14-33	20.	0.08
55,35	D-18-14-34	30.	0.08
55,36	D-18-14-35	30.	0.07
55,37	D-18-14-36	30.	0.07
55,38	D-18-15-31	20.	0.06
55,39	D-18-15-32	10.	0.05
56,21	D-19-12-05	5.	0.03
56,22	D-19-12-04	5.	0.03
56,23	D-19-12-03	10.	0.05
56,24	D-19-12-02	10.	0.05
56,25	D-19-12-01	20.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
56,26	D-19-13-06	75.	0.17
56,27	D-19-13-05	75.	0.10
56,28	D-19-13-04	80.	0.10
56,29	D-19-13-03	104.	0.10
56,30	D-19-13-02	50.	0.08
56,31	D-19-13-01	40.	0.08
56,32	D-19-14-06B	40.	0.08
56,33	D-19-14-05B	30.	0.08
56,34	D-19-14-04B	30.	0.09
56,35	D-19-14-03B	30.	0.09
56,36	D-19-14-02B	30.	0.08
56,37	D-19-14-01B	25.	0.06
56,38	D-19-15-06	25.	0.06
56,39	D-19-15-05	20.	0.05
57,20	D-19-12-07	5.	0.03
57,21	D-19-12-08	10.	0.05
57,22	D-19-12-09	10.	0.05
57,23	D-19-12-10	15.	0.07
57,24	D-19-12-11	20.	0.07
57,25	D-19-12-12	20.	0.07
57,26	D-19-13-07	50.	0.10
57,27	D-19-13-08	31.	0.07
57,28	D-19-13-09	85.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GRAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
57,29	D-19-13-10	80.	0.08
57,30	D-19-13-11	50.	0.09
57,31	D-19-13-12	40.	0.09
57,32	D-19-14-07B	30.	0.09
57,33	D-19-14-08B	20.	0.09
57,34	D-19-14-09B	20.	0.09
57,35	D-19-14-10B	20.	0.09
57,36	D-19-14-11B	20.	0.06
57,37	D-19-14-12B	20.	0.05
57,38	D-19-15-07	20.	0.05
57,39	D-19-15-08	20.	0.05
58,20	D-19-12-18	5.	0.05
58,21	D-19-12-17	10.	0.07
58,22	D-19-12-16	15.	0.07
58,23	D-19-12-15	20.	0.07
58,24	D-19-12-14	20.	0.08
58,25	D-19-12-13	30.	0.08
58,26	D-19-13-18	40.	0.09
58,27	D-19-13-17	60.	0.10
58,28	D-19-13-16	85.	0.12
58,29	D-19-13-15	80.	0.10
58,30	D-19-13-14	50.	0.10
58,31	D-19-13-13	40.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
58,32	D-19-14-18E	30.	0.09
58,33	D-19-14-17B	20.	0.09
58,34	D-19-14-16E	20.	0.08
58,35	D-19-14-15B	10.	0.06
59,21	D-19-12-20	5.	0.07
59,22	D-19-12-21	20.	0.07
59,23	D-19-12-22	20.	0.07
59,24	D-19-12-23	30.	0.08
59,25	D-19-12-24	40.	0.07
59,26	D-19-13-19	60.	0.07
59,27	D-19-13-20	60.	0.08
59,28	D-19-13-21	34.	0.10
59,29	D-19-13-22	86.	0.09
59,30	D-19-13-23	136.	0.08
59,31	D-19-13-24	40.	0.05
59,32	D-19-14-19B	30.	0.05
59,33	D-19-14-20B	20.	0.05
59,34	D-19-14-21B	10.	0.03
60,22	D-19-12-28	20.	0.07
60,23	D-19-12-27	30.	0.07
60,24	D-19-12-26	40.	0.07
60,25	D-19-12-25	50.	0.08
60,26	D-19-13-30	60.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
60,27	D-19-13-29	60.	0.10
60,28	D-19-13-28	80.	0.10
60,29	D-19-13-27	136.	0.17
60,30	D-19-13-26	50.	0.05
60,31	D-19-13-25	40.	0.05
60,32	D-19-14-30B	40.	0.05
60,33	D-19-14-29B	30.	0.05
61,22	D-19-12-33	30.	0.05
61,23	D-19-12-34	40.	0.06
61,24	D-19-12-35	50.	0.07
61,25	D-19-12-36	30.	0.04
61,26	D-19-13-31	50.	0.15
61,27	D-19-13-32	50.	0.10
61,28	D-19-13-33	40.	0.12
61,29	D-19-13-34	70.	0.10
61,30	D-19-13-35	50.	0.09
61,31	D-19-13-36	21.	0.07
62,23	D-20-12-03	20.	0.05
62,24	D-20-12-02	40.	0.08
62,25	D-20-12-01	60.	0.06
62,26	D-20-13-06	60.	0.10
62,27	D-20-13-05	45.	0.10
62,28	D-20-13-04	30.	0.11

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
62,29	D-20-13-03	20.	0.08
62,30	D-20-13-02	20.	0.05
63,23	D-20-12-10	20.	0.05
63,24	D-20-12-11	40.	0.08
63,25	D-20-12-12	50.	0.10
63,26	D-20-13-07	62.	0.12
63,27	D-20-13-08	40.	0.12
63,28	D-20-13-09	30.	0.10
63,29	D-20-13-10	20.	0.10
63,30	D-20-13-11	10.	0.03
64,23	D-20-12-15	20.	0.04
64,24	D-20-12-14	40.	0.07
64,25	D-20-12-13	60.	0.07
64,26	D-20-13-18	98.	0.18
64,27	D-20-13-17	40.	0.10
64,28	D-20-13-16	30.	0.08
64,29	D-20-13-15	20.	0.05
64,30	D-20-13-14	10.	0.03
65,23	D-20-12-22	10.	0.03
65,24	D-20-12-23	40.	0.07
65,25	D-20-12-24	60.	0.07
65,26	D-20-13-19	90.	0.10
65,27	D-20-13-20	50.	0.09

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
65,28	D-20-13-21	30.	0.08
65,29	D-20-13-22	20.	0.05
65,30	D-20-13-23	20.	0.03
66,23	D-20-12-27	5.	0.02
66,24	D-20-12-26	18.	0.07
66,25	D-20-12-25	60.	0.07
66,26	D-20-13-30	80.	0.08
66,27	D-20-13-29	53.	0.11
66,28	D-20-13-28	30.	0.08
66,29	D-20-13-27	20.	0.05
66,30	D-20-13-26	20.	0.03
67,24	D-20-12-35	10.	0.05
67,25	D-20-12-36	60.	0.07
67,26	D-20-13-31	90.	0.10
67,27	D-20-13-32	90.	0.10
67,28	D-20-13-33	50.	0.10
67,29	D-20-13-34	20.	0.07
67,30	D-20-13-35	20.	0.03
68,24	D-21-12-02	10.	0.05
68,25	D-21-12-01	20.	0.07
68,26	D-21-13-06	25.	0.14
68,27	D-21-13-05	90.	0.10
68,28	D-21-13-04	14.	0.10

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION QUAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
68,29	D-21-13-03	20.	0.07
68,30	D-21-13-02	20.	0.03
69,25	D-21-12-12	10.	0.07
69,26	D-21-13-07	70.	0.09
69,27	D-21-13-08	90.	0.10
69,28	D-21-13-09	50.	0.10
69,29	D-21-13-10	20.	0.08
69,30	D-21-13-11	20.	0.03
70,25	D-21-12-13	20.	0.08
70,26	D-21-13-18	80.	0.10
70,27	D-21-13-17	70.	0.10
70,28	D-21-13-16	50.	0.10
70,29	D-21-13-15	30.	0.08
70,30	D-21-13-14	10.	0.05
71,25	D-21-12-24	20.	0.08
71,26	D-21-13-19	70.	0.15
71,27	D-21-13-20	80.	0.12
71,28	D-21-13-21	50.	0.10
71,29	D-21-13-22	30.	0.08
71,30	D-21-13-23	30.	0.07
71,31	D-21-13-24	20.	0.07
72,26	D-21-13-30	82.	0.15
72,27	D-21-13-29	79.	0.19

TABLE 1.

CALIBRATED TRANSMISSIVITY AND SPECIFIC YIELD VALUES

NODE I,J	LEGAL DESCRIPTION GLAD-TWN-RN SEC	TRANSMISSIVITY (1000 GAL/DAY/FT)	SPECIFIC YIELD
72,28	D-21-13-28	40.	0.12
72,29	D-21-13-27	20.	0.08
72,30	D-21-13-26	20.	0.05
72,31	D-21-13-25	20.	0.07
73,26	D-21-13-31	40.	0.07
73,27	D-21-13-32	60.	0.15
73,28	D-21-13-33	40.	0.15
73,29	D-21-13-34	20.	0.08
73,30	D-21-13-35	20.	0.05

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
C2 17	D-10-11-03E	1976	171.		
		1977	159.		
		1978	251.		
C3 C3	D-10-09-06C	1960	862.		
		1961	683.		
		1962	611.		
		1964	379.		
		1965	399.		
		1967	720.		
		1968	578.		
		1969	470.		
		1970	867.		
		1971	126.		
		1972	248.		
		1973	593.		
		1974	138.		
		1975	427.		
		1976	262.		
		1977	53.		
		1978	391.		
		1979	36.		
C3 C4	D-10-09-05C	1960	405.		
		1961	291.		
		1962	270.		
		1964	152.		
		1965	245.		
		1967	683.		
		1968	559.		
		1970	194.		
		1971	178.		
		1972	379.		
		1973	292.		
		1974	431.		
		1975	445.		
		1976	521.		
		1977	285.		
		1978	303.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
03 04	D-10-09-05C	1979	357.		
03 05	D-10-09-04C	1967	275.		
		1976	75.		
03 06	D-10-09-03C	1964	318.		
		1967	1029.		
		1968	568.		
		1969	314.		
		1970	312.		
		1971	537.		
		1972	638.		
		1973	429.		
		1974	430.		
		1975	474.		
		1976	505.		
		1977	430.		
		1978	301.		
		1979	402.		
03 08	D-10-09-01C	1976	245.		
03 09	D-10-10-08B	1978	1566.		
03 10	D-10-10-09B	1978	680.		
03 11	D-10-10-10B	1978	2232.		
04 04	D-10-09-08C	1960	393.		
		1961	1070.		
		1962	631.		
		1964	684.		
		1965	241.		
		1967	760.		
		1968	188.		
		1969	252.		
		1970	64.		
04 05	D-10-09-09C	1960	467.		
		1961	732.		
		1962	751.		
		1964	453.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
04 05	D-10-09-09C	1965	384.		
		1966	275.		
		1967	938.		
		1968	1684.		
		1969	390.		
		1970	1148.		
		1971	693.		
		1972	169.		
		1973	679.		
		1974	865.		
		1975	455.		
		1976	876.		
		1977	630.		
		1978	498.		
		1979	285.		
04 06	D-10-09-10C	1960	1563.		
		1961	1730.		
		1962	1078.		
		1964	537.		
		1965	769.		
		1967	986.		
		1969	322.		
		1970	928.		
		1971	611.		
		1972	731.		
		1973	1046.		
		1974	1722.		
		1975	863.		
		1976	1729.		
		1977	435.		
		1978	432.		
		1979	700.		
04 10	D-10-10-16E	1978	899.		
04 11	D-10-10-15E	1969			736.
		1970	251.		663.
		1971			1129.
		1972			1403.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
04 11	D-10-10-15B	1973			1742.
		1978	924.		
05 04	D-10-09-17C	1961	667.		
		1962	159.		
		1967	277.		
		1968	600.		
		1969	34.		
		1972	58.		
05 05	D-10-09-18C	1960	232.		
		1961	167.		
		1963	301.		
		1964	321.		
		1965	75.		
		1966	159.		
		1967	822.		
		1968	519.		
		1969	524.		
		1971	288.		
		1972	179.		
		1973	344.		
		1975	342.		
		1976	481.		
		1977	230.		
		1978	709.		
		1979	481.		
05 06	D-10-09-19C	1960	1123.		
		1961	1183.		
		1962	845.		
		1963	2305.		
		1964	835.		
		1965	735.		
		1966	163.		
		1967	733.		
		1968	332.		
		1969	594.		
		1971	1316.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
05 06	D-10-09-15C	1972	1093.		
		1973	1083.		
		1974	1756.		
		1975	1138.		
		1976	1486.		
		1977	1482.		
		1978	2807.		
		1979	553.		
05 07	D-10-09-14C	1960	536.		
		1961	1299.		
		1962	662.		
		1964	854.		
		1965	1074.		
		1966	479.		
		1967	732.		
		1968	764.		
		1969	1378.		
		1970	1059.		
		1971	1182.		
		1972	1133.		
		1973	1929.		
		1974	2205.		
		1975	823.		
		1977	1328.		
		1978	677.		
		1979	795.		
05 08	D-10-09-13C	1960	1212.		
		1961	236.		
		1962	299.		
		1963	1553.		
		1964	1868.		
		1965	1713.		
		1966	1297.		
		1967	2562.		
		1968	2100.		
		1969	2531.		
		1970	2579.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
05 08	D-10-09-13C	1971	2093.		
		1972	1320.		
		1973	3306.		
		1974	2634.		
		1975	1916.		
		1977	1405.		
		1978	1511.		
		1979	2233.		
05 10	D-10-10-21B	1978	1104.		
05 11	D-10-10-22B	1978	1209.		
06 07	D-10-09-23C	1960	296.		
		1961	670.		
		1963	743.		
		1964	1102.		
		1965	959.		
		1966	792.		
		1967	284.		
		1968	584.		
		1969	551.		
		1970	575.		
		1971	684.		
		1972	365.		
		1973	1582.		
		1974	1203.		
		1975	1074.		
		1977	1091.		
		1978	791.		
		1979	1169.		
06 08	D-10-09-24C	1960	802.		
		1961	1315.		
		1963	1442.		
		1964	1386.		
		1965	1471.		
		1966	1857.		
		1967	1245.		
		1968	1002.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
06 08	D-10-09-24C	1969	1172.		
		1970	1736.		
		1971	2093.		
		1972	2043.		
		1973	2137.		
		1974	1454.		
		1975	1634.		
		1977	1825.		
		1978	1354.		
		1979	1999.		
06 37	D-10-14-26	1973	10.		
		1974	11.		
		1975	14.		
		1976	13.		
		1977	16.		
07 07	D-10-09-26C	1964	788.		
		1971	298.		
		1972	209.		
		1973	209.		
		1974	209.		
		1975	338.		
		1977	396.		
		1978	209.		
		1979	236.		
07 08	D-10-09-25C	1960	940.		
		1961	185.		
		1963	999.		
		1964	575.		
		1965	437.		
		1966	851.		
		1967	512.		
		1968	691.		
		1969	991.		
		1970	1437.		
		1971	637.		
		1972	1042.		
		1973	409.		
		1974	570.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
07 08	D-10-09-25C	1975	689.		
		1976	673.		
		1977	268.		
		1978	180.		
		1979	388.		
07 11	D-10-10-34B	1961	67.		
		1963	122.		
		1964	99.		
		1965	67.		
		1966	140.		
		1967	211.		
		1969	106.		
		1970	160.		
		1971	215.		
		1972	338.		
		1973	281.		157.
		1974	510.		184.
		1975	541.		228.
		1976	708.		227.
		1977	343.		169.
		1978	202.		
07 12	D-10-10-35B	1964	128.		
		1966	88.		
		1967	128.		
		1970	97.		
		1971	84.		
		1972	186.		
		1973	88.		
		1974	97.		
		1975	281.		
		1976	255.		
		1977	186.		
		1978	169.		
		1979	169.		
07 13	D-10-10-36B	1960	452.		
		1961	307.		
		1963	240.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
07 13	0-10-10-36B	1964	276.		
		1965	455.		
		1966	113.		
		1967	342.		
		1969	397.		
		1970	251.		
		1971	435.		
		1972	353.		
		1973	420.		
		1974	328.		
		1975	196.		
		1976	285.		
		1977	285.		
		1978	268.		
		1979	64.		
07 14	0-10-11-31B	1960	92.		
		1963	92.		
		1967	63.		
		1969	85.		
		1970	85.		
		1971	92.		
		1972	87.		
		1973	92.		
		1974	92.		
		1975	156.		
		1979	410.		
08 07	0-10-09-36C	1960	812.		
		1961	693.		
		1962	857.		
		1963	801.		
		1965	923.		
		1966	220.		
		1967	1154.		
		1968	939.		
		1969	1198.		
		1970	886.		
		1971	934.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
08 07	D-10-09-36C	1972	1114.		
		1973	1095.		
		1974	1318.		
		1975	841.		
		1976	801.		
		1977	542.		
		1978	571.		
		1979	825.		
08 08	D-10-10-31C	1975	96.		
08 09	D-11-10-05	1962	410.		
		1963	730.		
		1964	501.		
		1965	731.		
		1966	393.		
		1967	307.		
		1968	731.		
		1969	1052.		
		1970	843.		
		1971	320.		
		1972	320.		
		1973	533.		
		1974	512.		
		1975	303.		
		1976	441.		
		1977	433.		
		1979	402.		
08 10	D-11-10-04	1960	344.		
		1961	181.		
		1962	369.		
		1963	302.		
		1964	211.		
		1967	128.		
		1968	114.		
		1969	86.		
		1970	238.		
		1971	304.		
		1972	363.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
08 10	D-11-10-04	1973	873.		
		1974	966.		
		1975	730.		
		1976	675.		
		1977	739.		
		1979	435.		
08 14	D-11-11-06	1967	42.		
		1970	44.		
		1971	79.		
		1972	61.		
		1974	61.		
		1975	42.		
		1976	84.		
		1977	61.		
08 15	D-11-11-05	1970	121.		
08 20	D-11-12-06	1975	74.		
08 34	D-11-14-04	1974		18.	
		1975		23.	
		1976		52.	
		1977		72.	
		1978		76.	
		1979		76.	
08 36	D-11-14-02	1972		1.	
		1974		17.	
		1975		12.	
		1976		32.	
		1977		31.	
09 09	D-11-10-08	1960	1518.		
		1961	1105.		
		1962	427.		
		1963	473.		
		1964	804.		
		1965	960.		
		1966	321.		
		1967	1154.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	INC.
09 09	D-11-10-08	1968	1236.		
		1969	1253.		
		1970	1257.		
		1971	1589.		
		1972	1018.		
		1974	1524.		
		1975	794.		
		1976	737.		
		1977	2492.		
		1979	1373.		
09 10	D-11-10-09	1960	1013.		
		1961	1005.		
		1962	457.		
		1963	826.		
		1964	811.		
		1965	907.		
		1966	3176.		
		1967	1015.		
		1968	1635.		
		1969	1132.		
		1970	905.		
		1971	1354.		
		1972	1628.		
		1973	1737.		
		1974	983.		
		1975	1159.		
		1976	1195.		
		1977	2964.		
		1979	741.		
09 11	D-11-10-10	1960	774.		
		1961	805.		
		1962	1251.		
		1963	983.		
		1964	369.		
		1965	775.		
		1966	574.		
		1968	983.		
		1969	989.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
CS 11	D-11-10-10	1970	1189.		
		1971	1037.		
		1972	1135.		
		1973	1293.		
		1974	1287.		
		1975	1182.		
		1976	1598.		
		1977	1716.		
		1978	1637.		
		1979	1609.		
CS 13	D-11-10-12	1960	1683.		
		1961	1722.		
		1962	1793.		
		1963	2350.		
		1964	2395.		
		1965	2837.		
		1966	3041.		
		1967	3510.		
		1968	3655.		
		1969	4714.		
		1970	3732.		
		1971	3075.		
		1972	3290.		
		1973	3120.		
		1974	3769.		
		1975	5491.		
		1976	4941.		
		1977	4024.		
		1978	3512.		
		1979	3406.		
CS 14	D-11-11-07	1960	1226.		
		1961	1161.		
		1962	1330.		
		1963	1014.		
		1964	1774.		
		1965	1359.		
		1966	1421.		
		1967	1240.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
09 14	D-11-11-07	1968	2059.		
		1969	1508.		
		1970	1854.		
		1971	1856.		
		1972	1849.		
		1973	1689.		
		1974	2436.		
		1975	1917.		
		1976	1855.		
		1977	2039.		
		1978	963.		
		1979	1496.		
09 15	D-11-11-08	1973	1271.		
09 16	D-11-11-09	1979	9.		
09 19	D-11-11-12	1975	885.		
09 34	D-11-14-09	1972		8.	
		1973	33.	7.	
		1974	35.	40.	
		1975	26.	30.	
		1976	23.	70.	
		1977	21.	68.	
		1978		68.	
		1979		68.	
09 35	D-11-14-10	1973	150.		
		1974	159.		
		1975	152.		
		1976	173.		
		1977	190.		
10 09	D-11-10-17	1960	432.		
		1961	667.		
		1962	600.		
		1963	430.		
		1964	343.		
		1966	521.		
		1967	329.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
10 09	D-11-10-17	1969	612.		
		1970	530.		
		1971	555.		
		1972	384.		
		1973	351.		
		1974	776.		
		1975	174.		
		1976	508.		
		1979	134.		
10 10	D-11-10-16	1960	606.		
		1961	267.		
		1962	639.		
		1963	382.		
		1964	648.		
		1965	383.		
		1966	512.		
		1967	1001.		
		1969	411.		
		1970	760.		
		1971	777.		
		1972	862.		
		1973	719.		
		1974	715.		
		1975	771.		
		1976	520.		
		1979	670.		
10 11	D-11-10-15	1960	927.		
		1961	773.		
		1962	481.		
		1963	508.		
		1964	830.		
		1965	595.		
		1966	594.		
		1967	1022.		
		1968	752.		
		1969	1173.		
		1970	1118.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
10 11	D-11-10-15	1971	1490.		
		1972	915.		
		1973	1214.		
		1974	981.		
		1975	962.		
		1977	1287.		
		1979	1001.		
10 13	D-11-10-13	1960	1681.		
		1961	2123.		
		1962	1921.		
		1963	1672.		
		1964	1375.		
		1965	1343.		
		1966	1055.		
		1967	1372.		
		1968	1127.		
		1969	1474.		
		1970	961.		
		1971	888.		
		1972	1194.		
		1973	1112.		
		1974	1759.		
		1975	1595.		
		1976	1779.		
		1977	2141.		
		1978	1319.		
		1979	1932.		
10 14	D-11-11-18	1960	1760.		
		1961	1605.		
		1962	1650.		
		1963	1900.		
		1964	1483.		
		1965	1278.		
		1966	1856.		
		1967	1908.		
		1968	1217.		
		1969	1661.		
		1970	1268.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
10 14	D-11-11-18	1971	1312.		
		1972	1577.		
		1973	1363.		
		1974	1372.		
		1975	1211.		
		1976	1496.		
		1977	2287.		
		1978	1341.		
		1979	1305.		
10 16	D-11-11-16	1960	1277.		
		1961	1626.		
		1962	1569.		
		1963	1481.		
		1964	1436.		
		1965	1039.		
		1966	1144.		
		1967	1178.		
		1968	1418.		
		1969	1190.		
		1970	1397.		
		1971	850.		
		1972	968.		
		1973	984.		
		1974	1037.		
		1975	1469.		
		1976	1116.		
		1977	1648.		
		1978	1045.		
		1979	900.		
10 19	D-11-11-13	1975	401.		
		1976	1066.		
10 34	D-11-14-16	1972		4.	
		1973		10.	
		1974		10.	
		1975		10.	
		1976		19.	
		1977		20.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
10 34	D-11-14-16	1978		20.	
		1979		20.	
10 35	D-11-14-15	1972		4.	
		1973		10.	
		1974		10.	
		1975		10.	
		1976		19.	
		1977		20.	
		1978		20.	
		1979		20.	
11 09	D-11-10-20	1960	321.		
		1961	770.		
		1962	123.		
		1963	410.		
		1964	296.		
		1966	131.		
		1967	436.		
		1969	134.		
		1970	236.		
		1974	146.	44.	
		1975	199.	58.	
		1976		54.	
		1977	214.	58.	
		1978		49.	
		1979		49.	
11 10	D-11-10-21	1960	619.		
		1961	290.		
		1962	195.		
		1964	642.		
		1965	627.		
		1966	918.		
		1967	653.		
		1969	450.		
		1970	631.		
		1971	774.		
		1972	620.		
		1973	543.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
11 10	D-11-10-21	1974	1055.		
		1975	605.		
		1976	1366.		
		1977	893.		
		1979	1045.		
11 11	D-11-10-22	1960	905.		
		1961	895.		
		1962	782.		
		1963	905.		
		1964	733.		
		1965	936.		
		1966	683.		
		1967	913.		
		1969	1011.		
		1970	973.		
		1971	771.		
		1972	1000.		
		1973	1059.		
		1974	935.		
		1976	1116.		
		1977	3701.		
		1979	525.		
11 12	D-11-10-23	1960	996.		
		1961	939.		
		1962	762.		
		1963	1086.		
		1964	1000.		
		1965	1005.		
		1966	945.		
		1967	910.		
		1968	1000.		
		1969	863.		
		1970	762.		
		1971	870.		
		1972	1010.		
		1973	787.		
		1974	1070.		
		1975	940.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
11 12	D-11-10-23	1976	960.		
		1977	1071.		
		1978	1063.		
		1979	1124.		
11 13	D-11-10-24	1960	1686.		
		1961	1933.		
		1962	2192.		
		1963	1933.		
		1964	1208.		
		1965	1465.		
		1966	2028.		
		1967	2151.		
		1968	1645.		
		1969	1806.		
		1970	1598.	11.	
		1971	1739.	18.	
		1972	1632.	21.	
		1973	1456.	18.	
		1974	1933.	17.	
		1975	1605.	19.	
		1976	1555.	25.	
		1977	2612.	25.	
		1978	969.	25.	
		1979	1364.	25.	
11 15	D-11-11-20	1960	3092.		
		1961	3549.		
		1962	3485.		
		1963	2404.		
		1964	2811.		
		1965	2559.		
		1966	2362.		
		1967	3134.		
		1968	2934.		
		1969	3431.		
		1970	2934.	1.	
		1971	2913.	1.	
		1972	3507.	1.	
		1973	3573.	1.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
11 15	D-11-11-2C	1974	4297.	1.	
		1975	3308.	1.	
		1976	3745.	1.	
		1977	3791.	1.	
		1978	3438.		
		1979	2349.		
11 16	D-11-11-21	1972	467.		
		1973	466.		
		1974	568.		
		1975	625.		
		1976	468.		
		1977	426.		
		1978	369.		
		1979	307.		
12 09	D-11-10-29	1960	240.		
		1961	148.		
		1962	195.		
		1963	142.		
		1964	229.		
		1965	460.		
		1967	399.		
		1969	243.		
		1970	451.		
		1977	357.		
12 10	D-11-10-28	1960	441.		
		1962	240.		
		1965	142.		
		1966	61.		
		1967	430.		
		1969	326.		
		1970	337.		
		1971	401.		
		1972	724.	1.	
		1973	309.	16.	
		1974	921.	20.	
		1975	283.	18.	
		1976	327.	16.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
12 10	D-11-10-28	1977	191.	15.	
		1978	286.	15.	
		1979	205.	15.	
12 11	D-11-10-27	1961	296.		
		1962	349.		
		1963	483.		
		1964	505.		
		1965	332.		
		1966	327.		
		1967	265.		
		1969	329.		
		1970	345.		
		1971	288.		
		1972	232.		
		1973	373.		
		1974	531.		
		1975	269.		
12 12	D-11-10-26	1961	393.		
		1962	857.		
		1963	541.		
		1964	530.		
		1965	522.		
		1966	296.		
		1967	743.		
		1968	485.		
		1969	560.		
		1970	724.		
		1971	644.		
		1972	272.		
		1973	530.		
		1974	538.		
		1975	404.		
		1976	528.		
		1977	1867.		
		1978	530.		
		1979	513.		
12 13	D-11-10-25	1960	764.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
12 13	D-11-10-25	1961	1210.		
		1962	263.		
		1963	667.		
		1964	679.		
		1965	525.		
		1966	377.		
		1967	788.		
		1968	578.		
		1969	544.		
		1970	1068.		
		1971	694.		
		1972	771.		
		1973	762.		
		1974	892.		
		1975	713.		
		1976	952.		
		1977	817.		
		1978	632.		
		1979	558.		
12 16	D-11-11-28	1960	2880.		
		1961	2999.		
		1962	2962.		
		1963	3397.		
		1964	2831.		
		1965	2529.		
		1966	2042.		
		1967	2396.		
		1968	2469.		
		1969	2954.		
		1970	2916.		
		1971	1908.		
		1972	4099.		
		1973	2919.		
		1974	3167.		
		1975	3347.		
		1976	2973.		
		1977	3506.		
		1978	2497.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
12 16	D-11-11-28	1979	2131.		
12 17	D-11-11-27	1972			126.
		1973			126.
		1974			126.
		1975			126.
		1976			126.
		1978			126.
		1979			126.
12 19	D-11-11-25	1960	206.		
		1961	271.		
		1962	271.		
		1963	176.		
		1964	198.		
		1967	186.		
		1974	271.		
		1976	356.		
		1977	270.		
		1978	402.		
12 34	D-11-14-28	1969	158.		
		1973		10.	
		1974		10.	
		1975		10.	
		1976		19.	
		1977		20.	
		1978		20.	
		1979		20.	
13 10	D-11-10-33	1960	329.		
		1961	346.		
		1962	361.		
		1963	373.		
		1964	835.		
		1965	485.		
		1966	286.		
		1967	360.		
		1969	357.		
		1970	314.		
		1971	360.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
13 10	D-11-10-33	1972	317.		
		1973	413.		
		1974	413.		
		1977	1004.		
13 14	D-11-11-31	1960	660.		
		1961	499.		
		1962	550.		
		1963	407.		
		1964	484.		
		1965	703.		
		1966	495.		
		1967	703.		
		1968	1074.		
		1969	703.		
		1970	500.		
		1971	746.		
		1972	636.		
		1973	714.		
		1974	624.		
		1975	464.		
		1976	510.		
		1977	1060.	3.	
		1978	318.	8.	
		1979	692.		
13 15	D-11-11-32	1960	1288.		
		1961	1086.		
		1962	717.		
		1963	914.		
		1964	1209.		
		1965	705.		
		1966	1819.		
		1967	1088.		
		1968	737.		
		1969	1094.		
		1970	861.		
		1971	938.		
		1972	993.		
		1973	1124.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
13 15	D-11-11-32	1974	1146.		
		1975	793.		
		1976	54.		
		1977	1357.		
		1978	793.		
		1979	1117.		
13 16	D-11-11-33	1974		62.	
		1975		56.	
		1976		52.	
13 17	D-11-11-34	1960	1373.		
		1961	1526.		
		1962	1843.		
		1963	1676.		
		1964	1583.		
		1965	1470.		
		1966	1255.		
		1967	1335.		
		1968	1318.		
		1969	1651.		
		1970	1440.		
		1971	1465.		
		1972	1615.		
		1973	1376.		
		1974	1500.		
		1975	1083.		
		1976	2300.		
		1977	2315.		
		1978	1448.		
		1979	1376.		
13 18	D-11-11-35	1960	3096.		
		1961	2607.		
		1962	2833.		
		1963	3370.		
		1964	3140.		
		1965	3203.		
		1966	2387.		
		1967	3415.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
13 18	D-11-11-35	1968	3492.		
		1969	3705.		
		1970	4204.		
		1971	3344.		
		1972	3707.		
		1973	3542.		
		1974	3866.		
		1975	4584.		
		1976	3639.		
		1977	3314.		
		1978	3072.		
		1979	2123.		
13 20	D-11-12-31	1971	9.		
		1972	9.		
		1973	69.		
		1974	109.		
		1976	193.		
		1978	35.		
14 09	D-12-10-05	1974	1618.		
14 10	D-12-10-04	1960	483.		
		1961	872.		
		1962	918.		
		1963	866.		
		1964	1028.		
		1965	994.		
		1966	505.		
		1967	667.		
		1968	999.		
		1969	800.		
		1970	1101.		
		1971	971.		
		1972	963.		
		1973	870.		
		1974	1899.		
		1975	1027.		
		1976	932.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
14 10	D-12-10-04	1977	1276.		
		1978	501.	4.	
		1979		4.	
14 11	D-12-10-03	1960	776.		
		1961	564.		
		1962	942.		
		1963	963.		
		1964	1415.		
		1965	1478.		
		1966	642.		
		1967	925.		
		1968	1483.		
		1969	1117.		
		1970	558.		
		1971	856.		
		1972	728.		
		1973	1106.		
		1974	1028.		
		1975	816.		
		1976	466.		
14 13	D-12-10-01	1960	446.		
		1961	446.		
		1962	446.		
		1963	279.		
		1964	542.		
		1965	506.		
		1966	339.		
		1967	649.		
		1968	700.		
		1969	527.		
		1970	796.		
		1971	573.		
		1972	833.		
		1973	587.		
		1974	1076.		
		1975	701.		
		1976	820.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
14 13	D-12-10-01	1977	739.		
		1978	578.		
		1979	424.		
14 14	D-12-11-06	1960	361.		
		1961	310.		
		1962	538.		
		1964	203.		
		1965	148.		
		1966	45.		
		1967	313.		
		1968	503.		
		1969	357.		
		1970	324.		
		1971	243.		
		1972	287.		
		1973	353.		
		1974	243.		
		1975	15.		
		1976	343.		
		1977	321.		
		1978	273.		
14 15	D-12-11-05	1967	33.		
		1971	46.		
		1972	67.		
		1973	61.		
		1974	67.		
		1975	50.		
		1976	67.		
		1977	46.		
		1978	34.		
14 16	D-12-11-04	1960	117.		
		1961	170.		
		1963	170.		
		1964	117.		
		1965	170.		
		1967	229.		
		1968	271.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
14 16	D-12-11-04	1969	170.		
		1970	312.		
		1971	167.		
		1972	226.		
		1973	139.		
		1974	388.		
		1975	191.		
		1976	297.		
		1977	1220.		
		1978	192.		
		1979	289.		
14 17	D-12-11-03	1977	1893.		
14 20	D-12-12-06	1961		15.	
		1962		29.	
		1963		40.	
		1964		15.	
		1965		17.	
		1966		2.	
		1970		13.	
		1971		14.	
		1972		16.	
		1973		16.	
		1974		19.	
		1975		21.	
		1976		20.	
		1977		19.	
		1978		19.	
		1979		19.	
14 21	D-12-12-05	1960	773.		
		1961	737.		
		1963	847.		
		1964	1121.		
		1965	523.		
		1966	813.		
		1967	374.		
		1968	518.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
14 21	D-12-12-05	1969	259.		
		1970	597.		
		1971	480.		
		1972	319.		
		1973	711.		
		1974	540.		
		1975	325.		
		1976	800.		
		1977	475.		
		1978	452.		
		1979	430.		
14 22	D-12-12-04	1977	806.		
14 24	D-12-12-02	1977	533.		
14 25	D-12-12-01	1979	123.		
14 32	D-12-14-06	1961	597.		
14 33	D-12-14-05	1960	597.		
		1969	439.		
15 08	D-12-10-07	1977	1143.		
15 09	D-12-10-08	1974	1191.		
15 10	D-12-10-09	1960	818.		
		1961	782.		
		1962	858.		
		1963	775.		
		1964	788.		
		1965	783.		
		1966	375.		
		1967	320.		
		1968	786.		
		1969	650.		
		1970	799.		
		1971	695.		
		1974	717.		
		1976		3.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
15 10	D-12-10-09	1977		6.	
		1978		9.	
		1979		9.	
15 11	D-12-10-10	1974	579.		
15 12	D-12-10-11	1960	216.		
		1961	290.		
		1962	421.		
		1963	368.		
		1964	374.		
		1965	645.		
		1966	430.		
		1967	482.		
		1968	651.		
		1969	536.		
		1970	723.		
		1971	624.		
		1972	740.		
		1973	1099.		
		1974	945.		
		1975	846.		
		1976	582.		
		1977	1734.		
		1978	329.		
		1979	359.		
15 13	D-12-10-12	1960	1056.		
		1961	580.		
		1962	636.		
		1963	1141.		
		1964	1674.		
		1965	509.		
		1966	1316.		
		1967	1027.		
		1968	1075.		
		1969	1251.		
		1970	1241.		
		1971	589.		
		1972	742.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
15 13	D-12-10-12	1973	1529.		
		1974	1431.		
		1975	1304.		
		1976	622.		
		1977	1598.		
		1978	448.		
		1979	452.		
15 14	D-12-11-07	1960	1466.		
		1961	1813.		
		1962	1080.		
		1963	1032.		
		1964	1608.		
		1965	1565.		
		1966	1213.		
		1967	1721.		
		1968	1432.		
		1969	1637.		
		1970	1177.		
		1971	1527.		
		1972	1451.		
		1973	1751.		
		1974	1432.		
		1975	1693.		
		1976	1607.		
		1977	1103.		
		1978	1263.		
		1979	868.		
15 15	D-12-11-08	1960	684.		
		1961	420.		
		1962	538.		
		1963	148.		
		1964	497.		
		1965	271.		
		1966	97.		
		1967	575.		
		1969	575.		
		1970	596.		
		1971	598.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
15 15	D-12-11-08	1972	678.		
		1973	697.		
		1974	626.		
		1975	857.		
		1976	993.		
		1977	845.		
		1978	374.		
		1979	457.		
15 16	D-12-11-09	1960	663.		
		1961	980.		
		1962	671.		
		1963	1221.		
		1964	988.		
		1965	681.		
		1966	767.		
		1967	717.		
		1968	1052.		
		1969	1314.		
		1970	1211.		
		1971	894.		
		1972	656.		
		1973	893.		
		1974	1060.		
		1975	786.		
		1976	672.		
		1977	1271.		
		1978	620.		
		1979	629.		
15 17	D-12-11-10	1960	259.		
		1961	148.		
		1962	565.		
		1963	527.		
		1964	382.		
		1965	872.		
		1966	351.		
		1967	678.		
		1968	519.		
		1969	932.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
15 17	D-12-11-10	1970	484.		
		1971	692.		
		1972	563.		
		1973	615.		
		1974	684.		
		1975	768.		
		1976	893.		
		1977	376.		
		1978	418.		
		1979	250.		
15 18	D-12-11-11	1960	587.		
		1961	601.		
		1962	795.		
		1963	633.		
		1964	704.		
		1965	365.		
		1966	563.		
		1967	785.		
		1968	628.		
		1969	434.		
		1970	762.		
		1971	797.		
		1972	347.		
		1973	754.		
		1974	705.		
		1975	453.		
		1976	617.		
		1977	623.		
		1978	461.		
		1979	386.		
15 19	D-12-11-12	1960	681.		
		1961	1349.		
		1962	240.		
		1963	693.		
		1964	911.		
		1965	711.		
		1966	479.		
		1967	770.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
15 19	0-12-11-12	1968	981.		
		1969	1295.		
		1970	809.		
		1971	677.		
		1972	708.		
		1973	577.		
		1974	718.		
		1975	478.		
		1976	525.		
		1977	1440.		
		1978	593.		
		1979	691.		
15 21	0-12-12-08	1960	626.		
		1961	658.		
		1962	553.		
		1963	364.		
		1964	602.		
		1965	540.		
		1966	293.		
		1967	328.		
		1968	389.		
		1969	643.		
		1970	2674.		390.
		1971	2826.		456.
		1972	2784.		476.
		1973	3925.		484.
		1974	4324.		481.
		1975	2067.		784.
		1976	1503.		594.
		1977	892.		504.
		1978	534.		504.
		1979	439.		504.
15 22	0-12-12-09	1972	145.		
		1973	105.		
		1975	150.		
		1976	194.		
		1979	103.		
15 26	0-12-13-07	1974		22.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
15 26	D-12-13-07	1975		46.	
		1976		27.	
		1977		4.	
15 31	D-12-13-12	1974		24.	
		1975		56.	
		1976		58.	
		1977		54.	
		1978		61.	
		1979		61.	
15 32	D-12-14-07	1970	101.	2.	
		1971	45.	2.	
		1972	138.	2.	
		1973	138.	2.	
		1974		2.	
		1975	275.	2.	
		1976	138.		
		1977	138.		
		1978	138.		
		1979	107.		
16 10	D-12-10-16	1960	1024.		
		1962	270.		
		1964	308.		
		1965	190.		
		1966	118.		
		1967	383.		
		1969	229.		
		1970	379.		
		1971	229.		
		1972	409.		
		1973	409.		
		1974	1081.		
		1975	409.		
		1976	61.		
16 11	D-12-10-15	1962	195.		
		1963	187.		
		1965	153.		
		1966	116.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
16 11	C-12-10-15	1967	148.		
		1969	173.		
		1970	229.		
		1972	251.		
		1973	251.		
		1974	741.		
		1975	251.		
		1976	230.		
		1977	241.		
		1978	261.		
		1979	151.		
16 12	D-12-10-14	1960	311.		
		1961	476.		
		1962	156.		
		1963	273.		
		1964	145.		
		1965	169.		
		1966	228.		
		1967	139.		
		1968	1183.		
		1969	239.		
		1970	418.		
		1971	291.		
		1972	333.		
		1973	353.		
		1974	403.		
		1975	409.		
		1976	218.		
		1977	543.		
		1978	84.		
		1979	145.		
16 13	C-12-10-13	1967	105.		
16 14	C-12-11-18	1960	1352.		
		1961	949.		
		1962	1110.		
		1963	1309.		
		1964	1409.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
16 14	D-12-11-18	1965	1559.		
		1966	1355.		
		1967	679.		
		1968	1800.		
		1969	1750.		
		1970	1734.		
		1971	1500.		
		1972	1472.		
		1973	1554.		
		1974	1710.		
		1975	1354.		
		1976	1175.		
		1977	1425.		
		1978	1247.		
		1979	1298.		
16 15	D-12-11-17	1960	1026.		
		1961	734.		
		1962	254.		
		1963	860.		
		1964	587.		
		1965	975.		
		1966	320.		
		1967	850.		
		1968	680.		
		1969	1157.		
		1970	1083.		
		1971	871.		
		1972	1064.		
		1973	1498.		
		1974	1299.	20.	
		1975	1455.	18.	
		1976	1440.	16.	
		1977	1369.	15.	
		1978	1105.	15.	
		1979	1436.	15.	
16 16	D-12-11-16	1960	1183.		
		1961	1034.		
		1962	941.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
16 16	D-12-11-16	1963	658.		
		1964	1232.		
		1965	1043.		
		1966	969.		
		1967	1446.		
		1968	1237.		
		1969	1538.		
		1970	1304.		
		1971	1285.		
		1972	1379.		
		1973	1460.		
		1974	1599.		
		1975	1100.		
		1976	1431.		
		1977	3038.		
		1978	1098.		
		1979	980.		
16 17	D-12-11-15	1960	968.		
		1961	518.		
		1962	419.		
		1963	143.		
		1964	489.		
		1966	653.		
		1967	839.		
		1968	968.		
		1969	302.		
		1970	555.		
		1971	562.		
		1972	611.		
		1973	521.		
		1974	815.		
		1975	482.		
		1976	68.		
		1977	1700.		
		1978	80.		
		1979	159.		
16 18	D-12-11-14	1967	9.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
16 18	D-12-11-14	1971	15.		
		1972	10.		
		1973	14.		
		1974	10.		
		1979	6.		
16 19	D-12-11-13	1966	139.		
		1967	190.		
		1970	179.		
		1971	254.		
		1972	230.		
		1973	75.		
		1974	230.		
		1976	155.		
		1977	1390.		
		1978	75.		
		1979	217.		
16 20	D-12-12-18	1961	645.		
		1962	1001.		
		1963	301.		
		1964	771.		
		1965	332.		
		1966	834.		
		1967	1472.		
		1968	61.		
		1969	1210.		
		1970	1430.		
		1971	1323.		
		1972	772.		
		1973	952.		
		1974	1141.		
		1975	771.		
		1976	699.		
		1977	892.		
		1978	598.		
		1979	732.		
16 22	D-12-12-16	1960	4267.		
		1961	4199.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
16 22	D-12-12-16	1962	4976.		
		1963	4055.		
		1964	3512.		
		1965	3969.		
		1966	2516.		
		1967	2459.		
		1968	3415.		
		1969	5119.		
		1970	6042.		
		1971	5344.		
		1972	5946.		
		1973	6858.		
		1974	7917.		
		1975	8223.		
		1976	7639.		
		1977	6679.		
		1978	5218.		
		1979	4977.		
16 26	D-12-13-18	1964	17.		
		1965	17.		
		1976		24.	
		1978		71.	
		1979		71.	
16 27	D-12-13-17	1974	25.		
		1975	34.	6.	
		1976	33.	27.	
		1977	39.	39.	
		1978		4.	
		1979		4.	
16 29	D-12-13-15	1970		3.	
		1971		4.	
		1972		6.	
		1973	37.	9.	
		1974	27.	13.	
		1975	10.	11.	
		1976	29.	11.	
		1977	9.	11.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
16 29	D-12-13-15	1978		11.	
		1979		11.	
16 30	D-12-13-14	1973	23.		
		1974	53.		
		1975	42.		
		1976	37.		
		1977	46.		
16 31	D-12-13-13	1964	3.		
		1965	3.		
		1970	850.		
		1971	887.		
		1972	887.		
		1973	75.		
		1974	103.		
		1975	108.		
		1976	99.		
		1977	110.		
		1978	39.		
		1979	39.		
17 09	D-12-10-20	1961	228.		
		1962	123.		
		1963	131.		
		1964	439.		
		1965	134.		
		1966	2057.		
		1967	400.		
		1969	143.		
		1970	717.		
		1971	565.		
		1972	502.		
		1973	279.		
		1974	357.		
		1975	341.		
		1976	325.		
		1977	1920.		
		1978	740.		
17 10	D-12-10-21	1960	1034.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
17 10	D-12-10-21	1961	101.		
		1962	1613.		
		1963	1593.		
		1964	915.		
		1965	1267.		
		1966	907.		
		1967	1304.		
		1968	1341.		
		1969	1465.		
		1970	921.		
		1971	1246.		
		1972	1223.		
		1973	955.		
		1974	1538.		
		1975	1134.		
		1976	1177.		
		1977	921.		
17 11	D-12-10-22	1974	553.		
17 12	D-12-10-23	1960	566.		
		1961	416.		
		1962	102.		
		1963	759.		
		1964	647.		
		1965	614.		
		1966	421.		
		1967	601.		
		1968	614.		
		1969	472.		
		1970	741.		
		1971	894.		
		1972	607.		
		1973	845.		
		1974	791.		
		1975	752.		
		1976	791.		
		1977	1854.		
		1978	886.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
17 12	D-12-10-23	1979	949.		
17 13	D-12-10-24	1960	342.		
		1961	631.		
		1962	173.		
		1963	554.		
		1964	676.		
		1965	560.		
		1966	541.		
		1967	671.		
		1968	563.		
		1969	1042.		
		1970	879.		
		1971	854.		
		1972	633.		
		1973	865.		
		1974	784.		
		1975	784.		
		1976	781.		
		1977	1126.		
		1978	688.		
		1979	923.		
17 14	D-12-11-19	1960	167.		
		1961	247.		
		1962	185.		
		1963	240.		
		1964	220.		
		1965	443.		
		1966	117.		
		1967	287.		
		1969	425.		
		1970	262.		
		1971	229.		
		1972	241.		
		1973	518.		
		1975	274.		
		1977	1134.		
		1978	176.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
17 14	D-12-11-19	1979	145.		
17 15	D-12-11-20	1960	353.		
		1961	843.		
		1962	762.		
		1963	540.		
		1964	667.		
		1965	672.		
		1966	265.		
		1967	1300.		
		1968	478.		
		1969	798.		
		1970	927.		
		1971	797.		
		1972	729.		
		1973	777.		
		1975	631.		
		1976	1033.		
		1977	4986.		
		1978	356.		
		1979	679.		
17 16	D-12-11-21	1964	336.		
17 22	D-12-12-21	1960	4542.		
		1961	3915.		
		1962	4480.		
		1963	3400.		
		1964	3615.		
		1965	5397.		
		1966	3658.		
		1967	2173.		
		1968	4010.		
		1969	5234.		
		1970	5449.		
		1971	4605.		
		1972	4098.		
		1973	5125.		
		1974	6321.		
		1975	6824.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
17 22	D-12-12-21	1976	6750.		
		1977	5188.		
		1978	6411.		
		1979	5749.		
17 23	D-12-12-22	1960	518.		
		1961	1508.		
		1962	1383.		
		1963	1193.		
		1964	1022.		
		1965	1670.		
		1966	1181.		
		1967	1406.		
		1968	1142.		
		1969	1444.		
		1970	2442.		
		1971	2186.	46.	
		1972	1920.	71.	
		1973	2270.	71.	
		1974	2788.	46.	
		1975	3144.	46.	
		1976	2140.	61.	
		1977	1823.	61.	
		1978	1343.	61.	
		1979	704.	61.	
17 27	D-12-13-20	1960		10.	
		1961		10.	
		1962		10.	
		1963		10.	
		1964		10.	
		1965		10.	
		1966		10.	
		1967		10.	
		1968		10.	
		1969		10.	
		1970		18.	
		1971		20.	
		1972		21.	
		1973		23.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
17 27	D-12-13-20	1974		20.	
		1975		21.	
		1976		10.	
		1977		5.	
		1978		10.	
		1979		10.	
17 28	D-12-13-21	1970	8.		
		1974	18.		
		1975	26.		
		1976	22.		
		1977	22.		
17 29	D-12-13-22	1964	11.		
		1965	11.	1.	
		1966		1.	
		1967		1.	
		1968		2.	
		1969		2.	
		1970		2.	
		1971		2.	
		1972		2.	
		1973	21.	2.	
		1974	29.	2.	
		1975	28.	2.	
		1976	46.	2.	
		1977	26.	2.	
		1978		2.	
		1979		2.	
17 30	D-12-13-23	1963	64.		
		1970		111.	
		1971		123.	
		1972		126.	
		1973		204.	
		1974		213.	
		1975		198.	
		1976		142.	
		1977		156.	
		1978		156.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
17 30	D-12-13-23	1979		156.	
17 31	D-12-13-24	1970		43.	
		1971		46.	
		1972		46.	
		1973		56.	
		1974		105.	
		1975		210.	
		1976		182.	
		1977		218.	
		1978		165.	
		1979		165.	
18 08	D-12-10-30	1966			367.
		1967			398.
		1968			282.
		1969			213.
		1970			550.
		1971			218.
		1972			36.
		1973			717.
		1974			659.
		1975			568.
		1976			537.
		1977			482.
		1978			482.
		1979			482.
18 09	D-12-10-29	1960			1258.
		1961			1473.
		1962			1657.
		1963			1258.
		1964			1504.
		1965			1979.
		1966			1688.
		1967			1657.
		1968			1780.
		1969			1944.
		1970			2229.
		1971			2160.

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
18 09	D-12-10-29	1972			1585.
		1973			1651.
		1974			1472.
		1975			905.
		1976			1377.
		1977			1229.
		1978			1308.
		1979			1386.
18 10	D-12-10-28	1960			1105.
		1961			1059.
		1962			460.
		1963			1089.
		1964			921.
		1965			813.
		1966			736.
		1967			767.
		1968			890.
		1969			883.
		1970			513.
		1971			486.
		1972			1118.
		1973			967.
		1974			1172.
		1975			1300.
		1976			923.
		1977			825.
		1978			1358.
		1979			1354.
18 11	D-12-10-27	1960	624.		
		1961	721.		
		1962	484.		
		1963	736.		
		1964	751.		
		1965	821.		
		1966	477.		
		1967	582.		
		1968	680.		
		1969	952.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
18 11	D-12-10-27	1970	902.		
		1971	840.		
		1972	815.		
		1973	797.		
		1974	1340.		
		1975	1094.		
		1976	1001.		
		1977	1193.		
		1979	943.		
18 12	D-12-10-26	1960	50.		
		1965	48.		
		1966	44.		
		1967	11.		
		1968	48.		
		1969	148.		
		1970	107.		
		1971	184.		
		1972	122.		
		1973	101.		
		1974	158.		
		1975	164.		
		1976	219.		
		1978	118.		
		1979	160.		
18 13	D-12-10-25	1960	153.		
		1961	156.		
		1962	161.		
		1963	223.		
		1964	323.		
		1965	149.		
		1966	185.		
		1967	382.		
		1968	149.		
		1969	164.		
		1970	682.		
		1971	658.		
		1972	658.		
		1973	594.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
18 13	D-12-10-29	1974	686.		
		1975	616.		
		1976	659.		
		1977	971.		
		1978	958.		
		1979	633.		
18 14	D-12-11-30	1960	575.		
		1961	464.		
		1962	603.		
		1963	706.		
		1964	430.		
		1965	424.		
		1979	48.		
18 15	D-12-11-29	1960	393.		
		1961	223.		
		1962	346.		
18 23	D-12-12-27	1960	810.		
		1961	167.		
		1962	447.		
		1963	49.		
		1964	87.		
		1965	020.		
		1966	196.		
		1967	685.		
		1968	610.		
		1969	425.		
		1970	235.		
		1971	522.		
		1973	587.		
		1974	661.		
		1975	677.		
		1976	625.		
		1977	587.		
18 24	D-12-12-26	1960	1326.		
		1961	2277.		
		1962	3005.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
18 24	D-12-12-26	1963	2684.		
		1964	2801.		
		1965	2555.		
		1966	2347.		
		1967	2680.		
		1968	3164.		
		1969	2542.		
		1970	2816.		54.
		1971	3121.		54.
		1972	2444.		51.
		1973	3263.		51.
		1974	4262.		51.
		1975	4537.		199.
		1976	4260.		199.
		1977	3786.		199.
		1978	3016.		
		1979	3935.		
18 25	D-12-12-25	1960	1576.		
		1961	1543.		
		1962	1406.		
		1963	1509.		
		1964	818.		
		1965	834.		
		1966	941.		
		1967	979.		
		1968	1383.		
		1969	1213.		
		1970	768.		
		1971	866.		
		1972	518.		
		1973	552.		
		1974	1339.		
		1975	3414.		
		1976	2437.		
		1977	2506.		
		1978	2381.		
		1979	1841.		
18 26	D-12-13-30	1974		3.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
18 26	D-12-13-30	1975		8.	
		1976		8.	
		1977		6.	
		1978		8.	
		1979		8.	
18 27	D-12-13-29	1973	80.		
		1974	5.		
		1975	11.		
		1976	11.		
		1977	13.		
18 28	D-12-13-28	1960	204.	83.	
		1961	346.	83.	
		1962		83.	
		1963		83.	
		1964		83.	
		1965		83.	
		1966		83.	
		1967		83.	
		1968		83.	
		1969		83.	
		1970	83.	37.	
		1971	83.	41.	
		1972	1464.	42.	
		1973	1464.	68.	
		1974	1464.	71.	
		1975	366.	66.	
		1976	292.		
		1977	307.		
		1978	307.		
		1979	307.		
18 29	D-12-13-27	1968		36.	
		1969		34.	
		1970		42.	
		1971		45.	
		1972		53.	
		1973		60.	
		1974		60.	
		1975		65.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
18 29	D-12-13-27	1976		64.	
		1977		66.	
		1978		70.	
		1979		70.	
18 30	D-12-13-26	1963	34.		
		1974		215.	
		1975		453.	
		1976		554.	
		1977		313.	
		1978		178.	
		1979		178.	
18 31	D-12-13-25	1967	275.		
		1970		78.	
		1971		59.	
		1972		61.	
		1973		63.	
		1974		100.	
		1975		105.	
		1976		67.	
		1977		65.	
		1978		75.	
19 08	D-12-10-31	1960	563.		
		1961	352.		
		1962	884.		
		1963	312.		
		1964	818.		
		1965	455.		
		1966	1034.		
		1967	658.		
		1968	894.		
		1969	827.		
		1970	719.		
		1971	845.		
		1972	695.		
19 09	D-12-10-32	1960	780.		
		1961	936.		
		1962	1152.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
19 09	D-12-10-32	1963	831.		
		1964	1109.		
		1965	1259.		
		1966	715.		
		1967	837.		
		1969	1270.		
		1970	861.		
		1971	1044.		
		1972	805.		
		1973	1210.		
		1974	1210.		
		1976	1081.		
		1977	1029.		
		1978	204.		
		1979	661.		
19 10	D-12-10-33	1960	436.		
		1962	1067.		
		1963	1052.		
		1964	957.		
		1965	727.		
		1966	804.		
		1967	664.		
		1968	731.		
		1969	889.		
		1970	884.		
		1971	927.		
		1972	873.		
		1973	921.		
		1974	1010.		
19 14	D-12-11-31	1966	1604.		
19 22	D-12-12-33	1970		3.	
		1971		3.	
		1972		3.	
		1973		3.	
		1974		3.	
		1975	1106.	3.	
		1976		3.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
19 22	D-12-12-33	1977		3.	
		1978		3.	
		1979		3.	
19 23	D-12-12-34	1971		1.	
		1972		6.	
		1973		9.	
		1974	196.	11.	
		1975	9.	10.	
		1976	339.	7.	
		1977	262.	6.	
		1978		6.	
		1979		6.	
19 24	D-12-12-35	1960	507.		
		1963	236.		
		1964	135.		
		1965	724.		
		1966	803.		
		1967	559.		
		1968	948.		
		1969	999.		
		1970	1325.		
		1971	836.		
		1972	1055.		
		1973	590.		
		1974	1180.		
		1975	1432.		
		1976	429.		
		1977	1209.		
		1978	392.		
		1979	359.		
19 25	D-12-12-36	1960	2306.		
		1961	1674.		
		1962	1947.		
		1963	1892.		
		1964	1601.		
		1965	1557.		
		1966	1392.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
19 25	D-12-12-36	1967	1186.		
		1968	2532.		
		1969	3131.		
		1970	2249.		
		1971	1916.		
		1972	1771.		
		1973	1890.		
		1974	2882.		
		1975	2503.		
		1976	2102.		
		1977	1799.		
		1978	1554.		
		1979	1421.		
19 26	D-12-13-31	1963	270.		
		1973	80.		
		1974		71.	
		1975		173.	
		1976		121.	
		1977		140.	
		1978		135.	
		1979		135.	
19 27	D-12-13-32	1960	365.		
		1961	511.		
		1962	550.		
		1964	465.		
		1965	282.		
		1966	753.		
		1967	431.		
		1968	353.		
		1969	138.		
		1970	686.		
		1971	384.		
		1973	232.		
		1975		1.	
19 28	D-12-13-33	1960	165.		
		1966	700.		
		1971	75.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
19 30	D-12-13-35	1965		15.	
		1966		15.	
		1967	685.	15.	
		1968		15.	
		1969		15.	
		1970		162.	
		1971		177.	
		1972		184.	
		1973		289.	
		1974		321.	
		1975		386.	
		1976		341.	
		1977		404.	
		1978		304.	
		1979		304.	
19 31	D-12-13-36	1961	1018.		
		1962	1103.		
		1963	877.		
		1964	703.		
		1965	731.		
		1966	576.		
		1967	952.		
		1968	679.		
		1969	1181.		
		1970	830.	74.	
		1971	947.	82.	
		1972	774.	84.	
		1973	463.	136.	
		1974	1057.	156.	
		1975	1322.	164.	
		1976	993.	142.	
		1977	928.	156.	
		1978	629.	156.	
		1979	596.	156.	
20 08	D-13-10-06	1960	204.		
		1961	307.		
		1962	307.		
		1963	470.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
20 08	D-13-10-06	1964	635.		
		1965	560.		
		1966	650.		
		1967	819.		
		1968	393.		
		1969	507.		
		1970	752.		
		1971	782.		
		1972	607.		
20 09	D-13-10-05	1960	1256.		
		1961	905.		
		1962	1132.		
		1963	972.		
		1964	1134.		
		1965	1259.		
		1966	1037.		
		1967	917.		
		1968	713.		
		1969	1010.		
		1970	1150.		
		1971	1178.		
		1972	1200.		
		1973	1399.		
		1976	1096.		
		1977	1266.		
20 10	D-13-10-04	1960	1652.		
		1961	1377.		
		1962	1102.		
		1963	923.		
		1964	1071.		
		1965	1108.		
		1966	788.		
		1967	1080.		
		1968	1120.		
		1969	1412.		
		1970	1643.		
		1971	1396.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
20 10	D-13-10-04	1972	1274.		
		1973	1464.		
		1975	2996.		
		1976	1571.		
		1977	3014.		
		1978	1250.		
		1979	1523.		
20 16	D-13-11-04	1970		2.	
		1971		11.	
		1972		11.	
		1973		20.	
		1974		28.	
		1975		44.	
		1976		57.	
		1977		57.	
		1978		57.	
		1979		57.	
20 17	D-13-11-03	1971		9.	
		1972		9.	
		1973		18.	
		1974		27.	
		1975		43.	
		1976		54.	
		1977		54.	
		1978		54.	
		1979		54.	
20 24	D-13-12-02	1970		20.	
		1971		23.	
		1972		25.	
		1973		26.	
		1974	53.	26.	
		1975		29.	
		1976	97.	25.	
		1977	36.	16.	
		1978	71.	16.	
		1979		16.	
20 25	D-13-12-01	1960	1349.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
20 25	D-13-12-01	1961	962.		
		1962	840.		
		1963	1089.		
		1964	848.		
		1965	489.		
		1966	613.		
		1967	714.		
		1968	1434.		
		1969	896.		
		1970	1160.		
		1971	1148.		
		1972	1135.		
		1973	1248.		
		1974	1280.		
		1975	1433.		
		1976	121.		
		1977	643.		
		1978	61.		
20 26	D-13-13-06	1960	629.		
		1974	60.		
		1975		36.	
		1976		98.	
		1977		99.	
		1978		1.	
20 27	D-13-13-05	1960	764.		
		1961	828.		
		1962	925.		
		1963	700.		
		1964	454.		
		1965	712.		
		1966	191.		
		1967	370.		
		1968	9.		
		1969	795.		
		1970	373.		
		1971	714.		
		1972	507.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
20 27	D-13-13-05	1974	1.		
20 29	D-13-13-03	1970		6.	
		1971		5.	
		1972		16.	
		1973		81.	
		1974	53.	86.	
		1975		84.	
		1976		92.	
		1977		103.	
		1978		103.	
		1979		103.	
20 30	D-13-13-02	1963	78.		
		1964	138.		
		1965	138.		
		1966	24.		
		1968	122.		
		1969	122.		
		1970	48.	185.	
		1971	44.	205.	
		1972		210.	
		1973	202.	340.	
		1974	196.	362.	
		1975	201.	344.	
		1976	197.	369.	
		1977	165.	404.	
		1978		326.	
		1979		326.	
20 31	D-13-13-01	1960		21.	
		1961		21.	
		1962		21.	
		1963	39.	21.	
		1964	102.	21.	
		1965	102.	21.	
		1966	18.	21.	
		1967		21.	
		1968	56.	21.	
		1969	56.	21.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
20 31	D-13-13-01	1970	44.	37.	
		1971	133.	41.	
		1972	21.	42.	
		1973	21.	68.	
		1974	21.	71.	
		1975	21.	66.	
		1976	21.	71.	
		1977	21.	78.	
		1978	99.	78.	
		1979	99.	78.	
20 32	D-13-14-06	1972	266.		
20 36	D-13-14-02	1972		28.	
		1973		28.	
		1974		28.	
		1975		28.	
		1976		33.	
		1977		33.	
		1978		33.	
		1979		33.	
21 09	D-13-10-08	1960	289.		
		1961	409.		
		1962	302.		
		1963	45.		
		1964	310.		
		1965	242.		
		1966	11.		
		1967	333.		
		1968	316.		
		1969	294.		
		1970	984.		
		1971	1313.		
		1972	1134.		
		1973	611.		
		1975	2334.		
		1976	1310.		
		1977	1168.		
		1978	1141.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
21 09	D-13-10-08	1979	495.		
21 10	D-13-10-09	1960	807.		
		1961	611.		
		1962	1024.		
		1963	890.		
		1964	990.		
		1965	1034.		
		1966	438.		
		1967	561.		
		1968	581.		
		1969	730.		
		1970	884.		
		1971	838.		
		1972	1117.		
		1973	3023.		
		1975	210.		
		1976	1509.		
		1977	3139.		
		1978	1364.		
		1979	1535.		
21 11	D-13-10-10	1960	813.		
		1961	131.		
		1962	276.		
		1963	424.		
		1964	689.		
		1966	679.		
		1967	153.		
		1969	222.		
		1970	100.		
		1973	625.		
		1975	145.		
		1976	100.		
		1977	1779.		
		1978	145.		
		1979	31.		
21 12	D-13-10-11	1961	803.		
		1962	471.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
21 12	D-13-10-11	1963	765.		
		1964	676.		
		1965	467.		
		1966	1091.		
		1967	1366.		
		1968	1228.		
		1969	876.		
		1970	772.		
		1971	591.		
		1972	762.		
		1973	806.		
		1974	1137.		
		1975	809.		
		1976	784.		
		1977	930.		
		1978	837.		
		1979	491.		
21 14	D-13-11-07	1962	135.		
		1963	638.		
		1964	276.		
		1977	899.		
21 15	D-13-11-08	1977		117.	
		1978		68.	
		1979		60.	
21 25	D-13-12-12	1961		29.	
		1962		18.	
		1963		22.	
		1964		16.	
		1965		15.	
		1966		20.	
		1967		22.	
		1968		22.	
		1969		25.	
		1973	86.		
		1975	29.		
		1976	29.		
		1978	70.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
21 26	D-13-13-07	1970			7.
		1971			7.
		1972			7.
		1973			7.
		1974	120.		
21 27	D-13-13-08	1960	541.		
		1970		33.	
		1971		74.	
		1972		166.	
		1973		37.	
		1974		191.	
		1975		142.	
		1976		70.	
		1977		99.	
		1978		114.	
		1979		114.	
21 28	D-13-13-09	1960	285.		
		1970		74.	
		1971		82.	
		1972		84.	
		1973		136.	
		1974	140.	142.	
		1975	132.	170.	
		1976	193.	142.	
		1977	251.	156.	
		1978		156.	
		1979		156.	
21 30	D-13-13-11	1963	14.		
		1964	30.		
		1965	31.		
		1966	2.		
		1970		74.	
		1971	50.	82.	
		1972		84.	
		1973		136.	
		1974		142.	
		1975		132.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
21 30	D-13-13-11	1976		142.	
		1977		156.	
		1978		156.	
		1979		156.	
21 31	D-13-13-12	1961		95.	
		1962		69.	
		1963		19.	
		1964		6.	
		1965		11.	
		1966		7.	
		1967		1.	
		1968		1.	
		1969		1.	
		1970		24.	
		1971		29.	
		1972	101.	21.	
		1973	101.	5.	
		1974	101.	8.	
		1975	101.	10.	
		1976	62.	7.	
		1977	62.	2.	
		1978	62.		
		1979	62.		
22 10	D-13-10-16	1960	708.		
		1961	823.		
		1962	706.		
		1963	513.		
		1964	589.		
		1965	597.		
		1966	405.		
		1967	631.		
		1968	396.		
		1969	613.		
		1970	762.		
		1971	832.		
		1972	861.		
		1973	683.		
		1975	1003.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
22 10	D-13-10-16	1976	1119.		
		1977	2419.		
		1978	1413.		
		1979	1253.		
22 11	D-13-10-15	1960	557.		
		1961	792.		
		1962	540.		
		1963	721.		
		1964	698.		
		1965	841.		
		1966	509.		
		1967	664.		
		1968	2292.		
		1969	901.		
		1970	1118.		
		1971	938.		
		1972	729.		
		1973	1241.		
		1975	431.		
		1976	774.		
		1977	970.		
		1978	792.		
		1979	466.		
22 12	D-13-10-14	1960	535.		
		1961	1404.		
		1962	1600.		
		1963	1445.		
		1964	780.		
		1965	1025.		
		1966	908.		
		1967	1198.		
		1968	1165.		
		1969	1321.		
		1970	1047.		
		1971	1089.		
		1972	645.		
		1973	1707.		
		1974	1597.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
22 12	D-13-10-14	1975	1247.		
		1976	1292.		
		1977	3790.		
		1978	1123.		
		1979	1542.		
22 13	D-13-10-13	1960	418.		
		1961	218.		
		1962	162.		
		1965	438.		
		1966	170.		
		1967	324.		
		1968	407.		
		1969	796.		
		1970	624.		
		1971	376.		
		1972	420.		
		1973	462.		
		1974	1060.		
		1975	1023.		
		1976	1003.		
		1977	1116.		
		1978	896.		
		1979	790.		
22 14	D-13-11-18	1967	36.		
		1969	36.		
22 26	D-13-13-18	1977	64.		
22 27	D-13-13-17	1960	716.	11.	
		1961	428.	11.	
		1962	331.	11.	
		1963	285.	11.	
		1964	371.	11.	
		1965	400.	11.	
		1966	79.	11.	
		1967	344.	11.	
		1968	69.	11.	
		1969	69.	11.	
		1970	180.	104.	8.

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
22 27	D-13-13-17	1971	114.	108.	8.
		1972		193.	8.
		1973	115.	11.	8.
		1974	103.	142.	8.
		1975	142.	77.	
		1976	209.	46.	
		1977	335.	92.	
		1978		116.	
		1979	293.	13.	103.
22 28	D-13-13-16	1960	395.		
		1961	485.		
		1962	474.		
		1963	257.		
		1964	248.		
		1965	183.		
		1966	169.		
		1967	157.	36.	
		1968	253.	50.	
		1969	253.	128.	
		1970	340.	289.	
		1971	248.	409.	
		1972	173.	278.	
		1973	224.		
		1974	319.	384.	
		1975	322.	472.	
		1976	503.	515.	
		1977	525.	388.	
		1978	172.	364.	
		1979		364.	
22 29	D-13-13-15	1960	372.	27.	
		1961	435.	27.	
		1962	133.	27.	
		1963	310.	27.	
		1964	302.	27.	
		1965	159.	27.	
		1966	268.	27.	
		1967		27.	
		1968	179.	27.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
22 29	D-13-13-15	1969	179.	27.	
		1970	195.	77.	
		1971	296.	81.	
		1972	209.	100.	
		1973	162.	128.	
		1974	130.	135.	
		1975	232.	188.	
		1976	93.	171.	
		1977	11.	276.	
		1978	107.	142.	
		1979		142.	
22 30	D-13-13-14	1960	2.	81.	
		1961	60.	81.	
		1962	206.	81.	
		1963		81.	
		1964		81.	
		1965	53.	80.	
		1966	251.	83.	
		1967		83.	
		1968		83.	
		1969		83.	
		1970		192.	
		1971		204.	
		1972		216.	
		1973	13.	300.	
		1974	15.	309.	
		1975		491.	
		1976		455.	
		1977		429.	
		1978		660.	
		1979		660.	
22 31	D-13-13-13	1963	14.		
		1965	76.		
		1970		4.	
		1971		13.	
		1972		3.	
		1973		4.	

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
22 31	D-13-13-13	1974		5.	
		1975		9.	
		1976		59.	
		1977		22.	
		1978		33.	
		1979		33.	
22 32	D-13-14-18	1961		44.	
		1962		5.	
		1963		3.	
		1964		6.	
		1965		8.	
		1966		8.	
		1971		7.	
		1973		240.	
		1974		260.	
		1975		141.	
22 34	D-13-14-16	1963		137.	
		1970	267.		
		1971	267.		
		1972	267.		
		1973	267.		
		1974	267.	629.	
		1975	267.		
		1976	269.		
		1977	269.		
		1978	269.		
		1979	269.		
22 41	D-13-15-15	1962	1553.		
23 09	D-13-10-20	1960	484.		
		1961	339.		
		1962	507.		
23 10	D-13-10-21	1977	127.		
		1979	153.		
23 11	D-13-10-22	1960	724.		
		1961	977.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
23 11	D-13-10-22	1962	1109.		
		1963	595.		
		1964	783.		
		1965	778.		
		1966	860.		
		1967	1661.		
		1968	891.		
		1969	280.		
		1970	507.		
		1971	678.		
		1972	466.		
		1973	956.		
		1975	1020.		
		1976	881.		
		1977	2075.		
23 12	D-13-10-23	1960	1420.		
		1961	950.		
		1962	1461.		
		1963	1000.		
		1964	1184.		
		1965	1182.		
		1966	565.		
		1967	1202.		
		1968	1115.		
		1969	934.		
		1970	1067.		
		1971	1311.		
		1972	1093.		
		1973	1132.		
		1974	1314.		
		1975	1344.		
		1976	1155.		
		1977	4132.		
23 13	D-13-10-24	1960	1036.		
		1961	1411.		
		1962	1119.		
		1963	1522.		
		1964	1198.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
23 13	D-13-10-24	1965	1042.		
		1966	1125.		
		1967	1186.		
		1968	751.		
		1969	995.		
		1970	1389.		
		1971	1417.		
		1972	1200.		
		1973	1465.		
		1974	1609.		
		1975	1431.		
		1976	1563.		
		1977	1053.		
		1978	1362.		
		1979	1421.		
23 15	D-13-11-20	1971		9.	
		1972		9.	
		1973		18.	
		1974		27.	
		1975		43.	
		1976		54.	
		1977		54.	
		1978		54.	
		1979		54.	
23 26	D-13-13-19	1971		80.	
		1972		30.	
		1973		14.	
		1974		14.	
		1975		12.	
		1976		48.	
		1977		24.	
23 27	D-13-13-20	1960	193.		
		1961	145.		
		1962	193.		
		1964	191.		
		1965	193.		
		1967	208.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
23 27	D-13-13-20	1968	185.		
		1972			173.
		1973			173.
		1974	259.	16.	173.
		1975	366.	15.	173.
		1976	33.		173.
		1977	33.		173.
		1978	43.		173.
		1979	69.		173.
23 28	D-13-13-21	1960	399.		
		1961	382.		
		1962	1031.		
		1964	516.		
		1965	70.		
		1966	474.		
		1967	310.	64.	
		1968	251.	100.	
		1969		19.	
		1970		3.	
		1971		1.	
		1972		2.	37.
		1973		30.	37.
		1974	254.	78.	37.
		1975	385.	37.	96.
		1976	442.	78.	37.
		1977	254.	74.	37.
		1978	249.	59.	37.
		1979	287.	50.	37.
23 29	D-13-13-22	1960		307.	
		1961	55.	338.	
		1962		314.	
		1963	74.	352.	
		1964		349.	
		1965	10.	326.	
		1966		370.	
		1967		365.	
		1968		333.	
		1969		424.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
23 29	D-13-13-22	1970		756.	
		1971		732.	
		1972		696.	
		1973		996.	
		1974		894.	
		1975		813.	
		1976		732.	
		1977		654.	
		1978		175.	
		1979		191.	
23 30	D-13-13-23	1960		15.	
		1961	32.	386.	
		1962		341.	
		1963		374.	
		1964		381.	
		1965		361.	
		1966		399.	
		1967		480.	
		1968		965.	
		1969		1078.	
		1970		1085.	
		1971		1174.	
		1972		1606.	
		1973	19.	1639.	
		1974	22.	1330.	
		1975	19.	1173.	
		1976	19.	1224.	
		1977		1604.	
		1978		1308.	
		1979		1758.	
23 31	D-13-13-24	1962	140.		
		1964	316.		
		1965	45.	3.	
23 32	D-13-14-19	1960	249.		
		1963	186.		
		1964	352.		
		1965	226.		
		1966	71.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
23 32	D-13-14-19	1967	280.		
		1968	86.		
		1969	180.		
		1970	114.		
		1971	260.		
		1972			3.
		1973	2.		3.
		1974	25.		3.
		1975	32.		3.
		1976	19.		10.
		1977	25.		10.
		1978	244.		10.
		1979	225.		10.
23 33	D-13-14-20	1960	231.		
		1961	221.	3.	
		1962		7.	
		1963	169.	3.	
		1964	220.	4.	
		1965	162.	4.	
		1966	101.	4.	
		1967	160.	4.	
		1968	126.	5.	
		1969	158.	4.	
		1970	203.		
		1971	240.	4.	
		1972		5.	
		1973	134.	8.	
		1974	121.	4.	
		1975		127.	
		1976		135.	
		1977		101.	
		1978	56.		
		1979	75.		
23 34	D-13-14-21	1960	28.		
		1961	29.		
		1964	24.		
		1965	14.		
		1967	18.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
23 34	D-13-14-21	1968	29.		
		1969	96.		
		1971	21.		
23 36	D-13-14-23	1961		196.	
		1962		110.	
		1963		52.	
		1964		38.	
		1965		34.	
		1966		252.	
		1967		311.	
		1968		392.	
		1969		356.	
		1970		293.	
		1971		72.	
		1972		159.	
		1973	30.		
		1974	65.		
		1975	21.		
		1976	18.		
		1977	9.		
23 37	D-13-14-24	1963	71.		
23 41	D-13-15-22	1970		426.	
		1971		24.	
		1972		10.	
		1973		9.	
		1974		44.	
		1975		118.	
		1976		86.	
24 08	D-13-10-30	1966	172.		
		1974	758.		
24 10	D-13-10-28	1960	174.		
24 12	D-13-10-26	1960	1740.		
		1961	1285.		
		1962	806.		
		1963	569.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
24 12	0-13-10-26	1964	1034.		
		1965	1433.		
		1966	905.		
		1967	1251.		
		1968	790.		
		1969	606.		
		1970	764.		
		1971	1315.		
		1972	1397.		
		1973	1508.		
		1974	1420.		
		1975	1303.		
		1976	1236.		
24 13	0-13-10-25	1960	1377.		
		1961	1416.		
		1962	1646.		
		1963	1315.		
		1964	1315.		
		1965	1459.		
		1966	962.		
		1967	1189.		
		1968	1051.		
		1969	1063.		
		1970	903.		
		1971	1184.		
		1972	1132.		
		1973	1119.		
		1974	1519.		
		1975	1443.		
		1976	511.		
		1977	2763.		
		1978	788.		
		1979	676.		
24 14	0-13-11-30	1960	480.		
		1961	769.		
		1962	747.		
		1963	735.		
		1964	882.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
24 14	D-13-11-30	1965	726.		
		1967	758.		
		1969	782.		
		1970	698.		
		1971	676.		
		1972	620.		
		1973	612.		
		1974	109.		
		1975	733.		
24 15	D-13-11-29	1974	25.		
24 16	D-13-11-28	1974	210.		
24 26	D-13-13-30	1963	123.		
24 27	D-13-13-29	1966	13.		
		1967	36.		
		1974	367.		
24 28	D-13-13-28	1960	251.		
		1961	680.		
		1962	733.		
		1964	758.		
		1965	243.		
		1966	606.		
		1967	704.		
		1968	537.		
		1970	109.		
		1974	899.		
		1975	787.		
		1976	681.		
		1977	698.		
		1978	599.		
		1979	309.		
24 29	D-13-13-27	1960	146.	22.	
		1961	154.	22.	
		1962	240.	22.	
		1963	281.	22.	
		1964	339.	22.	
		1965	305.	22.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
24 29	D-13-13-27	1966	117.	22.	
		1967	117.	22.	
		1968	117.	22.	
		1969	366.	22.	
		1970	176.	22.	
		1971	301.	22.	
		1972	117.	22.	
		1973	117.	22.	
		1974	44.	22.	
		1975	37.	22.	
		1976	20.	22.	
		1977	28.	14.	
		1978	28.	14.	
		1979	28.	14.	
24 30	D-13-13-26	1960	65.	1328.	
		1961	36.	1452.	
		1962		1356.	
		1963		1508.	
		1964		1496.	
		1965		1550.	
		1966		2301.	
		1967		2719.	
		1968		2630.	
		1969		2893.	
		1970		2302.	
		1971	242.	2278.	
		1972	81.	2270.	
		1973	81.	2649.	
		1974	89.	2256.	
		1975	98.	1814.	
		1976	107.	1892.	
		1977	118.	1906.	
		1978	118.	1901.	
		1979	118.	1882.	
24 31	D-13-13-25	1960		40.	
		1961		146.	
		1962		129.	
		1963		100.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
24 31	D-13-13-25	1964		52.	
		1965		43.	
		1966		271.	
		1967		261.	
		1968		949.	
		1969		459.	
		1970		181.	
		1971		585.	
		1972		648.	
		1973		575.	
		1974		679.	
		1975		524.	
		1976		419.	
		1977		576.	
		1978		584.	
		1979		584.	
24 32	D-13-14-30	1961		889.	
		1962		673.	
		1963		694.	
		1964	120.	511.	
		1965		803.	
		1966	34.	905.	
		1967		908.	
		1968		966.	
		1969		790.	
		1970	290.	924.	
		1971		1096.	
		1972		921.	
		1973	13.	866.	
		1974	12.	850.	
		1975	10.	894.	
		1976	13.	880.	
		1977	18.	256.	
		1978		548.	
		1979		548.	
24 33	D-13-14-29	1960	68.		
		1961		83.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
24 33	D-13-14-29	1962		63.	
		1963	40.	121.	
		1964		68.	
		1965	45.	4.	
		1966	109.	178.	
		1967	34.	99.	
		1968		117.	
		1969	11.	28.	
		1970	53.	406.	55.
		1971		679.	55.
		1972		767.	55.
		1973		736.	55.
		1974		774.	55.
		1975		737.	55.
		1976	64.	653.	55.
		1977	64.	674.	55.
		1978	24.	740.	55.
		1979	24.	740.	55.
24 34	D-13-14-28	1960	460.		
		1961	169.	266.	
		1962	268.	316.	
		1963	254.	76.	
		1964		36.	
		1965	266.		
		1966	465.		
		1967	184.		
		1968	345.		
		1969	274.		
		1970	259.		
		1971	195.	68.	
		1972	42.	381.	
		1973	73.	391.	
		1974	86.	311.	
		1975	146.	323.	
		1976	127.	288.	
		1977	135.	240.	
		1978	135.	222.	
		1979		222.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
24 35	D-13-14-27	1960	435.		
		1961	359.	34.	
		1962	188.	29.	
		1963	449.	15.	
		1964	495.	2.	
		1965	480.		
		1967	420.		
		1968	188.		
		1969	615.		
		1970	454.		53.
		1971	563.		
		1972	511.		15.
		1973	335.		15.
		1974	208.		15.
		1975	175.		15.
		1976	589.		
		1977	496.		
		1978	158.		
		1979	113.		
24 36	D-13-14-26	1960	304.		
		1961	529.		
		1962	311.	3.	
		1963	360.		
		1964	177.		
		1965	367.		
		1966	559.		
		1967	424.		
		1968	281.		
		1969	225.		
		1970	384.		
		1971	289.		
		1972		42.	
		1973	167.	42.	
		1974	276.	42.	
		1975	288.	42.	
		1976	495.	26.	
		1977	402.	26.	
		1978	281.	26.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
24 36	D-13-14-26	1979	281.	26.	
24 37	D-13-14-25	1964	53.		
		1966	53.		
		1967	40.		
		1969	20.		
		1970	47.		
		1975	45.		
		1978	56.		
		1979	56.		
24 38	D-13-15-30	1960	94.		
		1961	113.		
		1965	98.		
		1966	120.		
		1967	120.		
		1968	22.		
		1970	18.		
		1974		71.	
		1975		171.	
		1976		184.	
		1977		241.	
		1978		226.	
		1979		226.	
24 39	D-13-15-29	1966	86.		
		1967	86.		
		1970		70.	
		1971		90.	
		1972		130.	
		1973	41.	163.	
		1974	48.	144.	
		1975	37.	155.	
		1976	23.	160.	
		1977	7.	160.	
		1978		160.	
		1979		160.	
24 40	D-13-15-28	1966	28.		
		1967	16.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
24 40	D-13-15-28	1970	45.		
		1971	108.		
		1972	42.		
		1975		1.	
		1976		1.	
		1978		3.	
		1979	135.	3.	
24 41	D-13-15-27	1971	38.		
		1979	56.		
25 08	D-13-10-31	1966	835.		
25 09	D-13-10-32	1966	706.		
25 10	D-13-10-33	1977	1208.		
25 13	D-13-10-36	1977	605.		
25 14	D-13-11-31	1960	2373.		
		1961	1583.		
		1962	1552.		
		1963	1345.		
		1964	1408.		
		1965	1660.		
		1967	1281.		
		1968	1668.		
		1969	1650.		
		1970	1389.		
		1972	935.		
		1973	1603.		
		1974	1678.		
		1975	2495.		
		1976	2395.		
		1977	2373.		
25 15	D-13-11-32	1960	706.		
		1961	416.		
		1962	706.		
		1964	703.		
		1967	536.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
25 15	D-13-11-32	1968	706.		
		1969	717.		
		1970	424.		
		1971	945.		
		1972	484.		
		1973	509.		
		1974	484.		
		1975	444.		
		1976	446.		
		1978	349.		
		1979	329.		
25 26	D-13-13-31	1962		1.	
		1963		1.	
25 27	D-13-13-32	1960	100.		
		1961	191.		
		1962	267.		
		1963	181.		
		1964	631.		
		1965	543.		
		1966	578.		
		1967	750.		
		1968	740.		
		1969	361.		
25 28	D-13-13-33	1960	203.		
		1963	156.		
		1965	68.		
		1966	33.		
		1970	26.		
		1971	25.		
25 29	D-13-13-34	1960		307.	
		1961		422.	
		1962		447.	
		1963	60.	475.	
		1964		349.	
		1965		326.	
		1966		370.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
29 29	D-13-13-34	1967		365.	
		1968		333.	
		1969		527.	
		1970		449.	
		1971		550.	
		1972		544.	1.
		1973	122.	472.	1.
		1974	104.	518.	1.
		1975	105.	468.	1.
		1976	99.	185.	1.
		1977	99.	146.	1.
		1978	143.	113.	1.
		1979		113.	1.
25 30	D-13-13-35	1960	200.	317.	200.
		1961	200.	348.	200.
		1962	200.	324.	200.
		1963	200.	812.	200.
		1964	200.	809.	200.
		1965	200.	788.	200.
		1966	200.	1007.	200.
		1967	200.	1084.	200.
		1968	200.	992.	200.
		1969	200.	1187.	200.
		1970	202.	731.	1034.
		1971	202.	742.	1139.
		1972	202.	730.	1044.
		1973	202.	836.	1087.
		1974	202.	926.	1084.
		1975	202.	872.	601.
		1976	202.	811.	546.
		1977	202.	768.	913.
		1978	202.	565.	913.
		1979	202.	636.	913.
25 31	D-13-13-36	1960		10.	
		1961		512.	
		1962		484.	
		1963		49.	
		1964		535.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
25 31	D-13-13-36	1965		1333.	
		1966		1497.	
		1967		1620.	
		1968		1638.	
		1969		1466.	
		1970		1464.	
		1971		1477.	
		1972		1320.	
		1973		1289.	
		1974		1402.	
		1975		1157.	
		1976		1267.	
		1977		683.	
		1978		1132.	
		1979		13.	
25 32	D-13-14-31	1961		329.	
		1962		351.	
		1963		385.	
		1964		275.	
		1965		225.	
		1966		655.	
		1967		740.	
		1968		935.	
		1969		800.	
		1970		698.	
		1971		702.	
		1972		722.	
		1973		714.	
		1974		816.	
		1975		660.	
		1976	214.	610.	
		1977	210.	722.	
		1978	210.	737.	
		1979		737.	
25 33	D-13-14-32	1961		224.	
		1962		258.	
		1963		229.	
		1964	428.	132.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
25 33	D-13-14-32	1965		411.	
		1966		627.	
		1967		1787.	
		1968		1959.	
		1969		1583.	
		1970		1977.	
		1971		2619.	
		1972		3138.	
		1973		3034.	
		1974		3004.	
		1975		2533.	
		1976		2799.	
		1977		2271.	
		1978		2054.	
		1979		2055.	
25 34	D-13-14-33	1961		506.	
		1962		604.	
		1963		417.	
		1964	255.	396.	
		1965		122.	
		1966	179.	40.	
		1967		256.	
		1968		372.	
		1969		509.	
		1970		704.	
		1971		612.	
		1972		626.	
		1973		645.	
		1974		596.	
		1975	195.	830.	
		1976	120.	702.	
		1977	113.	420.	
		1978	113.	398.	
		1979		398.	
25 35	D-13-14-34	1961		637.	
		1962		525.	
		1963	68.	649.	
		1964	192.	623.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
25 35	D-13-14-34	1965		1062.	
		1966		939.	
		1967		504.	
		1968		537.	
		1969		759.	
		1970		1346.	
		1971		611.	
		1972		616.	
		1973	300.	682.	
		1974	179.	649.	
		1975	124.	835.	
		1976	154.	633.	
		1977	75.	378.	
		1978		533.	
		1979		533.	
25 36	D-13-14-35	1960	68.		
		1963	144.	63.	
		1964		202.	
		1965	60.	99.	
		1966	141.	475.	
		1967	214.	661.	
		1968	60.	663.	
		1969		531.	
		1970	116.	492.	
		1971	150.	725.	
		1972		1059.	
		1973	255.	590.	382.
		1974	326.	1008.	382.
		1975	247.	969.	382.
		1976	427.	747.	395.
		1977	459.	558.	407.
		1978		577.	407.
		1979		577.	407.
25 37	D-13-14-36	1961		91.	
		1962		167.	
		1963		81.	
		1964	23.	508.	
		1965	218.	225.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
25 37	D-13-14-36	1966	54.	424.	
		1967	109.	541.	
		1968	218.	422.	
		1969	259.	2.	
		1970	154.	182.	
		1971	235.	161.	
		1972	139.	162.	
		1973	190.	159.	
		1974	178.	183.	
		1975	161.	174.	
		1976	29.	144.	
		1977	68.		
		1978	68.	24.	
		1979	68.	24.	
25 38	D-13-15-31	1961		69.	
		1962		153.	
		1963		179.	
		1964		161.	
		1965		129.	
		1966	210.	125.	
		1967		166.	
		1968		164.	
		1969	210.	86.	
		1970		54.	
		1971		41.	
		1972		20.	
		1974		133.	
		1975		237.	
		1976		296.	
		1977		178.	
		1978		178.	
		1979	210.	178.	
25 39	D-13-15-32	1960	71.	72.	
		1961		72.	
		1962		72.	
		1963		72.	
		1964		72.	
		1965	82.	72.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
25 39	D-13-15-32	1966		72.	
		1967		72.	
		1968	100.	72.	
		1969	86.	72.	
		1970		142.	
		1971		182.	
		1972		234.	
		1973		341.	
		1974		392.	
		1975		568.	
		1976		514.	
		1977		554.	
		1978		554.	
		1979		554.	
25 40	D-13-15-33	1960	180.		
		1961	79.		
		1965	270.		
		1967	217.		
		1968	68.		
		1969	290.	2.	
		1970	380.		
		1971	293.	8.	
		1972		13.	
		1973	360.	64.	
		1974	349.	9.	
		1975	313.	4.	
		1976	310.	4.	
		1977	285.		
		1979	113.		
25 41	D-13-15-34	1961	22.		
		1963	68.		
		1965	98.		
		1967	14.		
		1968	390.		
		1969	4.		
		1970	14.		
		1971	29.		
		1973	429.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
25 41	D-13-15-34	1974	483.	21.	
		1975	429.	82.	
		1976	297.	138.	
		1977	298.	95.	
		1978	19.	92.	
		1979		92.	
25 42	D-13-15-35	1967	62.		
		1970	47.		
		1971	40.		
		1972		1.	
		1973	170.	72.	
		1974	162.	612.	
		1975	224.	736.	
		1976	168.	1275.	
		1977	156.	1110.	
		1978		1109.	
		1979		1109.	
26 14	D-14-11-06	1960	650.		
		1961	1425.		
		1962	862.		
		1963	1427.		
		1964	878.		
		1965	1478.		
		1966	942.		
		1967	1806.		
		1968	1236.		
		1969	1268.		
		1970	955.		
		1971	1529.		
		1972	1632.		
		1973	1392.		
		1974	1591.		
		1975	2082.		
		1976	2557.		
		1977	2588.		
26 15	D-14-11-05	1960	508.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
26 15	D-14-11-05	1961	863.		
		1962	893.		
		1963	846.		
		1964	635.		
		1965	817.		
		1966	341.		
		1967	814.		
		1968	467.		
		1969	890.		
		1970	612.		
		1971	630.		
		1972	300.		
		1973	441.		
		1974	346.		
		1975	809.		
		1976	605.		
26 16	D-14-11-04	1960	447.	20.	
		1961	563.	20.	
		1962	463.	20.	
		1963	360.	20.	
		1964	291.	20.	
		1965	380.	20.	
		1966	333.	20.	
		1967	201.	20.	
		1968	621.	20.	
		1969	304.	20.	
		1970	306.	22.	
		1971	295.	22.	
		1972	353.	31.	
		1973	364.	34.	
		1974	284.	40.	
		1975	279.	40.	
		1976	363.	40.	
		1977	34.	40.	
		1978		40.	
		1979		40.	
26 28	D-14-13-04	1969		786.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
26 29	D-14-13-03	1961		30.	
		1962		36.	
		1963		865.	
		1964		467.	
		1965		319.	
		1966		203.	
		1967		320.	
		1968		25.	
		1969		74.	
		1970		34.	
		1972	438.	149.	
		1973	438.	79.	
		1974	438.	84.	
		1975	439.	73.	
		1976		78.	
		1977		54.	
		1978		111.	
		1979	816.	111.	
26 30	D-14-13-02	1973		40.	
		1974		40.	
		1975		51.	
		1976		51.	
		1977		51.	
		1978		51.	
		1979		51.	
26 31	D-14-13-01	1962		667.	
		1963		528.	
		1964		891.	
		1965		1017.	
		1966		890.	
		1967		1378.	
		1968		931.	
		1970		659.	
		1971		772.	
		1972		642.	
		1973		491.	
		1974		460.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
26 31	D-14-13-01	1975		396.	
		1976		318.	
		1977		296.	
26 32	D-14-14-06	1971		63.	
		1972		289.	
		1973		343.	
		1974		343.	
		1975		247.	
		1976		167.	
		1977		492.	
		1978		492.	
		1979		492.	
26 33	D-14-14-05	1961		813.	
		1962		902.	
		1963		317.	
		1964		358.	
		1965		256.	
		1966		150.	
		1967		120.	
		1968		239.	
		1969		323.	
		1970		312.	
		1971		354.	
		1972		279.	
		1973		76.	
		1974		149.	
		1975		264.	
		1976		292.	
		1977		140.	
		1978		30.	
		1979		30.	
26 34	D-14-14-04	1961		189.	
		1962		100.	
		1963		151.	
		1964		187.	
		1965		329.	
		1966		384.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
26 34	0-14-14-04	1967		352.	
		1968		916.	
		1969		733.	
		1970		753.	
		1971		660.	
		1972		1094.	
		1973		2133.	
		1974		2088.	
		1975		1778.	
		1976		1675.	
		1977		948.	
		1978		968.	
		1979		968.	
26 35	0-14-14-03	1961		352.	
		1962		157.	
		1963		473.	
		1964		360.	
		1965		725.	
		1966		1449.	
		1967		439.	
		1968		332.	
		1969		536.	
		1970		570.	
		1971		393.	
		1972		610.	
		1973		1218.	
		1974		1110.	
		1975		1111.	
		1976	317.	1078.	
		1977		762.	
		1978		767.	
		1979		767.	
26 36	0-14-14-02	1961		390.	
		1962		332.	
		1963		222.	
		1964		285.	
		1965		206.	
		1966		126.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
26 36	D-14-14-C2	1967		385.	
		1968		873.	
		1969		808.	
		1970		381.	
		1971		329.	
		1972		521.	
		1973		465.	
		1974		452.	
		1975		232.	
		1976	394.	35.	
		1977		170.	
		1978		30.	
		1979		30.	
26 37	D-14-14-C1	1961		791.	
		1962		643.	
		1963		232.	
		1964		56.	
		1965		32.	
		1966		30.	
		1967		70.	
		1968		306.	
		1969		419.	
		1970		285.	
		1971		189.	
		1972		226.	
		1973		193.	
		1974		282.	
		1975		304.	
		1976		122.	
		1977		156.	
		1978		6.	
		1979		6.	
26 38	D-14-15-C6	1960	64.	35.	
		1961	19.	35.	
		1962		35.	
		1963	56.	35.	
		1964		35.	
		1965	32.	35.	

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
26 38	D-14-15-06	1966		35.	
		1967		35.	
		1968	320.	35.	
		1969		35.	
		1970		36.	
		1971		46.	
		1972		52.	
		1973		82.	
		1974		100.	
		1975		107.	
		1976		152.	
		1977		174.	
		1978		174.	
		1979		174.	
26 39	D-14-15-05	1968		35.	
		1969		35.	
		1970		36.	
		1971		46.	
		1972		52.	
		1973		82.	
		1974	8.	100.	
		1975	4.	107.	
		1976		76.	
		1977		87.	
		1978		87.	
		1979		87.	
26 40	D-14-15-04	1960	43.		
		1963	43.		
		1964	58.		
		1965	43.		
		1966	47.		
		1968	43.		
		1969	22.		
		1970	11.		
		1971		53.	
		1972		17.	
		1973	53.	102.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
26 40	D-14-15-04	1974	56.	188.	
		1975	90.	300.	
		1976	51.	224.	
		1977	44.	203.	
		1978		295.	
		1979		295.	
26 41	D-14-15-03	1960	360.		
		1963	406.		
		1964	286.		
		1965	326.		
		1966	460.		
		1968	319.		
		1969	518.		
		1970	306.		
		1971	353.		
		1972	405.		
		1973	400.		
		1974	532.	21.	
		1975	331.	446.	
		1976	77.	461.	
		1977	225.	528.	
		1978	225.	778.	
		1979	225.	834.	
26 42	D-14-15-02	1960	187.		
		1963	251.		
		1964	255.		
		1965	225.		
		1966	304.		
		1968	226.		
		1969	499.		
		1970	390.	6.	
		1971	431.	26.	
		1972	364.	64.	
		1973	233.	236.	
		1974	31.	86.	
		1975	370.	122.	
		1976	25.	112.	

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
26 42	D-14-15-02	1977	423.	46.	
		1978	281.	111.	
		1979	281.	111.	
26 43	D-14-15-01	1960	18.		
		1963	18.		
		1965	40.		
		1966	43.		
		1968	40.		
		1969	94.		
		1970	198.		
		1971	148.		
		1973	173.		
		1974	89.		
		1975	10.	312.	
		1976	9.	366.	
		1977	11.	228.	
		1978		228.	
		1979		228.	
26 44	D-14-16-06	1960	68.		
		1961	289.		
		1964	96.		
		1965	20.		
		1968	20.		
		1970		5.	
		1971	30.	5.	
		1972		5.	
		1973	51.	5.	
		1974	125.		
		1975	104.		
		1976	53.		
		1977	33.		
26 45	D-14-16-05	1960	50.		
		1964	20.		
		1973	19.		
		1974	32.	7.	
		1975	25.	5.	
		1976	24.	52.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
26 45	D-14-16-05	1977	13.	2.	
26 46	D-14-16-04	1963	108.		
		1964	83.		
		1965	150.		
		1968	150.		
		1970	86.		
		1973	64.		
		1974	76.		
		1975	72.		
		1976	59.		
		1977	48.		
27 14	D-14-11-07	1961	226.		
		1963	226.		
		1964	172.		
		1965	226.		
		1966	413.		
		1967	413.		
		1968	413.		
		1969	172.		
		1970	218.		
		1971	218.		
		1972	226.		
		1973	226.		
		1974	226.		
		1975	255.		
		1976	218.		
		1977	840.		
27 15	D-14-11-08	1960	910.		
		1961	657.		
		1962	650.		
		1963	642.		
		1964	410.		
		1965	623.		
		1966	577.		
		1967	347.		
		1968	739.		
		1969	912.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
27 15	D-14-11-08	1970	812.		
		1971	791.		
		1972	1140.		
		1973	748.		
		1974	879.		
		1975	472.		
		1976	853.		
		1977	5.		
27 16	D-14-11-09	1960	246.		
		1961	235.		
		1962	188.		
		1963	145.		
		1964	252.		
		1965	198.		
		1966	1031.		
		1967	380.		
		1969	184.		
		1970	193.		
		1971	443.		
		1972	273.		
		1973	310.		
		1974	585.		
		1975	328.		
		1976	369.		
27 29	D-14-13-10	1979	1314.		
27 30	D-14-13-11	1963		553.	
		1964		462.	
		1965		395.	
		1966		282.	
		1967		160.	
		1968		10.	
		1969		170.	
		1970		243.	
		1971		296.	
		1972		256.	
27 32	D-14-14-07	1960		600.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
27 32	D-14-14-07	1961		600.	
		1962		600.	
		1963		600.	
		1964		773.	
		1965		1069.	
		1966		857.	
		1967		824.	
		1968		775.	
		1969		763.	
		1970		917.	
		1971		1345.	
		1972		1361.	
		1973		1230.	
		1974		974.	
		1975		742.	
		1976		369.	
		1977		1157.	
		1978		1377.	
		1979		1377.	
27 33	D-14-14-08	1961		81.	
		1964		706.	
		1965		295.	
		1966		404.	
		1967		169.	
		1968		167.	
		1969		368.	
		1970		604.	
		1971		717.	
		1972		689.	
		1973		729.	
		1974		484.	
		1975		424.	
		1976		543.	
		1977		267.	
		1978		319.	
		1979		319.	
27 34	D-14-14-09	1961		1063.	

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
27 34	D-14-14-09	1962		594.	
		1963		238.	
		1964		385.	
		1965		339.	
		1966		610.	
		1967		360.	
		1968		537.	
		1969		673.	
		1970		663.	
		1971		705.	
		1972		547.	
		1973		502.	
		1974		449.	
		1975		621.	
		1976		641.	
		1977		489.	
		1978		473.	
		1979		473.	
27 35	D-14-14-10	1961		1343.	
		1962		434.	
		1963		925.	
		1964		487.	
		1965		470.	
		1966		548.	
		1967		770.	
		1968		905.	
		1969		755.	
		1970		853.	
		1971		980.	
		1972		863.	
		1973		844.	
		1974		553.	
		1975		779.	
		1976		781.	
		1977		374.	
		1978		320.	
		1979		320.	
27 36	D-14-14-11	1961		865.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
27 36	D-14-14-11	1962		649.	
		1963		714.	
		1964		727.	
		1965		392.	
		1966		679.	
		1967		864.	
		1968		863.	
		1969		913.	
		1970		1606.	
		1971		1613.	
		1972		1987.	
		1973		2059.	
		1974		3419.	
		1975		1938.	
		1976		1993.	
		1977		1148.	
		1978		842.	
		1979		842.	
27 37	D-14-14-12	1961		689.	
		1962		776.	
		1963		529.	
		1964		526.	
		1965		517.	
		1966		380.	
		1967		160.	
		1968		308.	
		1969		539.	
		1970		446.	
		1971		485.	
		1972		198.	
		1973		568.	
		1974		295.	
		1975		607.	
		1976		416.	
		1977		456.	
27 38	D-14-15-07	1961		670.	
		1962		853.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
27 38	D-14-15-07	1963		610.	
		1964		763.	
		1965		648.	
		1966		506.	
		1967		520.	
		1968		647.	
		1969		747.	
		1970		826.	
		1971		769.	
		1972		1250.	
		1973		1362.	
		1974		1249.	
		1975		1257.	
		1976		831.	
		1977		807.	
		1978		627.	
		1979		627.	
27 39	D-14-15-08	1961		61.	
		1962		35.	
		1963		38.	
		1964		56.	
		1965		91.	
		1966		10.	
		1967		142.	
		1968		229.	
		1969		129.	
		1970		136.	
		1971		122.	
		1972		86.	
		1973		96.	
		1974		222.	
		1975		334.	
		1976		303.	
		1977		311.	
		1978		324.	
		1979		324.	
27 40	D-14-15-09	1967		86.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
27 40	D-14-15-09	1968		101.	
		1969		56.	
		1970		143.	
		1971		426.	
		1972		399.	
		1973		272.	
		1974		542.	
		1975		739.	
		1976		711.	
		1977		588.	
		1978		691.	
		1979		691.	
27 41	D-14-15-10	1961		25.	
		1962		24.	
		1963		23.	
		1964		19.	
		1965		21.	
		1966		18.	
		1967		250.	
		1968		298.	
		1969		747.	
		1970		863.	
		1971		573.	
		1972		342.	
		1973		429.	
		1974		842.	
		1975		1295.	
		1976		1589.	
		1977		1479.	
		1978		1503.	
		1979		1503.	
28 31	D-14-13-13	1961		317.	
		1962		358.	
		1963		274.	
		1964		103.	
		1965		41.	
		1967		49.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
28 31	D-14-13-13	1968		21.	
		1969		25.	
		1970		45.	
		1971		232.	
		1973		194.	
		1974		267.	
		1975		174.	
		1976		82.	
		1977		94.	
		1978		154.	
		1979		154.	
28 32	D-14-14-18	1960			187.
		1961		415.	187.
		1962		494.	187.
		1963		491.	187.
		1964		575.	187.
		1965		468.	187.
		1966		422.	187.
		1967		372.	187.
		1968		437.	187.
		1969		485.	187.
		1970		788.	187.
		1971		809.	187.
		1972		524.	190.
		1973		794.	188.
		1974		629.	188.
		1975		485.	188.
		1976		446.	175.
		1977		429.	175.
		1978		1110.	175.
		1979		1110.	175.
28 33	D-14-14-17	1961		445.	
		1962		641.	
		1963		636.	
		1964		693.	
		1965		387.	
		1966		295.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
28 33	D-14-14-17	1967		312.	
		1968		414.	
		1969		640.	
		1970		549.	
		1971		585.	
		1972		340.	
		1973		492.	
		1974		361.	
		1975		299.	
		1976		704.	
		1977		1225.	
		1978		625.	
		1979		625.	
28 34	D-14-14-16	1961		707.	
		1962		994.	
		1963		666.	
		1964		468.	
		1965		372.	
		1966		113.	
		1967		136.	
		1968		234.	
		1969		534.	
		1970		649.	
		1971		1960.	
		1972		1726.	
		1973		1283.	
		1974		1655.	
		1975		1157.	
		1976		1178.	
		1977		756.	
		1978		1400.	
		1979		1400.	
28 35	D-14-14-15	1961		1495.	
		1962		663.	
		1963		536.	
		1964		499.	
		1965		610.	
		1966		679.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
28 35	D-14-14-15	1967		645.	
		1968		657.	
		1969		405.	
		1970		418.	
		1971		782.	
		1972		637.	
		1973		597.	
		1974		556.	
		1975		493.	
		1976		498.	
		1977		139.	
		1978		227.	
		1979		227.	
28 36	D-14-14-14	1961		1355.	
		1962		1113.	
		1963		764.	
		1964		725.	
		1965		684.	
		1966		411.	
		1967		332.	
		1968		209.	
		1969		212.	
		1970		290.	
		1971		478.	
		1972		499.	
		1973		489.	
		1974		493.	
		1975		495.	
		1976		468.	
		1977		259.	
		1978		227.	
		1979		227.	
28 37	D-14-14-13	1961		700.	
		1962		908.	
		1963		822.	
		1964		926.	
		1965		1068.	
		1966		1216.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
28 37	D-14-14-13	1967		734.	
		1968		340.	
		1969		327.	
		1970		343.	
		1971		197.	
		1972		209.	
		1973		214.	
		1974		263.	
		1975		264.	
		1976		196.	
		1977		137.	
		1978		8.	
		1979		8.	
28 38	D-14-15-18	1961		746.	
		1962		806.	
		1963		1330.	
		1964		1785.	
		1965		2007.	
		1966		1297.	
		1967		989.	
		1968		1034.	
		1969		1126.	
		1970		1420.	
		1971		1275.	
		1972		1556.	
		1973		2001.	
		1974		1880.	
		1975		1771.	
		1976		1494.	
		1977		1180.	
		1978		1289.	
		1979		1289.	
28 39	D-14-15-17	1969		568.	
		1970		639.	
		1971		566.	
		1972		757.	
		1973		361.	
		1974		305.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
28 39	D-14-15-17	1975		500.	
		1976		577.	
		1977		617.	
		1978		718.	
		1979		718.	
28 40	D-14-15-16	1960		180.	
		1961		240.	
		1962		240.	
		1963		240.	
		1964		240.	
		1965		240.	
		1966		240.	
		1967		240.	
		1968		240.	
		1969		240.	
		1971		489.	
		1972		768.	
		1973		616.	
		1974		771.	
		1975		778.	
		1976		1013.	
		1977		498.	
		1978		415.	
		1979		415.	
28 41	D-14-15-15	1960		50.	
		1961		50.	
		1962		50.	
		1963		50.	
		1964		50.	
		1965		50.	
		1966		50.	
		1967		50.	
		1968		50.	
		1969		492.	
		1970		656.	
		1971		1274.	
		1972		2253.	
		1973		1205.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
28 41	D-14-15-15	1974		1622.	
		1975		1632.	
		1976		1565.	
		1977		949.	
		1978		1033.	
		1979		1033.	
28 42	D-14-15-14	1974		4.	
		1975		18.	
		1976		29.	
		1977		259.	
		1978		377.	
		1979		377.	
29 10	D-14-10-21	1973	246.		
29 17	D-14-11-22	1966	140.		
		1967	282.		
		1969	359.		
		1970	107.		
		1971	545.		
29 29	D-14-13-22	1961		62.	
		1962		73.	
		1963		41.	
		1964		5.	
		1966		180.	
		1967	29.	141.	
		1968		223.	
		1969	77.	423.	
		1970		461.	
		1971		192.	
		1972		503.	
		1973		329.	
		1974		347.	
		1975		258.	
		1976		17.	
		1977		77.	
29 30	D-14-13-23	1960	294.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
29 30	D-14-13-23	1961	392.	1178.	
		1962	370.	929.	
		1963	82.	1390.	
		1964	154.	1393.	
		1965	60.	1085.	
		1966	436.	577.	
		1967	289.	255.	
		1968	337.	255.	
		1969	442.	216.	
		1970	165.	311.	
		1971	233.	484.	
		1972		482.	
		1973		656.	
		1974		705.	
		1975		557.	
		1976		454.	
		1977		438.	
		1978		393.	
		1979		393.	
29 31	D-14-13-24	1968		34.	
		1969		62.	
		1970		104.	
		1971		21.	
29 32	D-14-14-19	1961		46.	
		1962		19.	
		1964		145.	
		1965		313.	
		1966		128.	
		1967		144.	
		1968		140.	
		1969		127.	
		1970		138.	
		1971		151.	
		1972		85.	
		1973		18.	
		1974		344.	
		1975		46.	
29 33	D-14-14-20	1961		352.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
29 33	D-14-14-20	1962		477.	
		1963		521.	
		1964		358.	
		1965		252.	
		1966		294.	
		1967		506.	
		1968		745.	
		1969		875.	
		1970		849.	
		1971		819.	
		1972		794.	
		1973		665.	57.
		1974		532.	57.
		1975		758.	57.
		1976		459.	28.
		1977		497.	28.
		1978		354.	28.
		1979		354.	28.
29 34	D-14-14-21	1961		502.	
		1962		858.	
		1963		780.	
		1964		735.	
		1965		595.	
		1966		453.	
		1967		380.	
		1968		144.	
		1969		303.	
		1970		143.	
		1971		356.	
		1972		428.	
		1973		481.	
		1974		426.	
		1975		417.	
		1976		124.	
		1977		32.	
		1978		188.	
		1979		188.	
29 35	D-14-14-22	1961		1099.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
29 35	D-14-14-22	1962		1175.	
		1963		884.	
		1964		684.	
		1965		565.	
		1966		406.	
		1967		486.	
		1968		730.	
		1969		545.	
		1970		537.	
		1971		585.	
		1972		825.	
		1973		1124.	
		1974		1136.	
		1975		1033.	
		1976		850.	
		1977		619.	
		1978		560.	
29 36	D-14-14-23	1961		182.	
		1962		355.	
		1963		368.	
		1964		397.	
		1965		579.	
		1966		600.	
		1967		607.	
		1968		515.	
		1969		484.	
		1970		277.	
		1971		1071.	
		1972		842.	
		1973		626.	
		1974		303.	
		1975		370.	
		1976		534.	
		1977		531.	
		1978		534.	
		1979		534.	
29 37	D-14-14-24	1961		1864.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
29 37	D-14-14-24	1962		1913.	
		1963		1791.	
		1964		1756.	
		1965		1273.	
		1966		881.	
		1967		1012.	
		1968		1237.	
		1969		1038.	
		1970		653.	
		1971		897.	
		1972		600.	
		1973		1072.	
		1974		863.	
		1975		458.	
		1976		900.	
		1977		431.	
		1978		591.	
		1979		591.	
29 38	D-14-15-19	1961		1158.	
		1962		1033.	
		1963		768.	
		1964		1061.	
		1965		813.	
		1966		784.	
		1967		776.	
		1968		464.	
		1969		401.	
		1970		437.	
		1971		399.	
29 39	D-14-15-20	1964		6.	
		1965		363.	
		1966		710.	
		1967		793.	
		1968		736.	
		1969		586.	
		1970		715.	
		1971		742.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
29 39	D-14-15-20	1972		713.	
		1973		547.	
		1974		625.	
		1975		589.	
		1976		622.	
		1977		342.	
		1978		279.	
		1979		279.	
29 40	D-14-15-21	1960	248.		
		1963		63.	
		1964		92.	
		1965		385.	
		1966		339.	
		1967		159.	
		1968		206.	
		1969		136.	
		1970		112.	
		1971		97.	
		1972		38.	
		1973		59.	
		1974		67.	
		1975		60.	
		1976		65.	
		1977		116.	
		1978		39.	
		1979		39.	
29 41	D-14-15-22	1971		125.	
		1972		310.	
		1973		282.	
		1974		306.	
		1975		591.	
		1976		475.	
		1977		1046.	
		1978		842.	
		1979		842.	
29 42	D-14-15-23	1974		387.	
		1975		582.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
29 42	D-14-15-23	1976		449.	
		1977		752.	
		1978		700.	
		1979		700.	
30 15	D-14-11-29	1961	236.		
		1962	123.		
		1964	176.		
		1965	176.		
		1967	176.		
		1968	287.		
		1969	176.		
		1970	702.		
		1971	89.		
		1972	60.		
30 16	D-14-11-28	1960	552.		
		1961	1427.		
		1962	572.		
		1963	411.		
		1964	836.		
		1965	780.		
		1966	893.		
		1967	959.		
		1968	361.		
		1969	942.		
		1970	675.		
		1971	879.		
		1972	933.		
		1975		11.	
		1976		191.	
		1978		1008.	
		1979		688.	
30 17	D-14-11-27	1960	999.		
		1961	473.		
		1962	770.		
		1963	997.		
		1964	434.		
		1965	1171.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
30 17	D-14-11-27	1966	947.		
		1967	1250.		
		1968	1305.		
		1969	788.		
		1970	1772.		
		1971	1077.		
		1972	1372.		
		1976		312.	
		1977		1681.	
		1978		1966.	
		1979		2867.	
30 19	D-14-11-25	1974		28.	
		1975		33.	
		1976		34.	
		1977		36.	
		1978		36.	
		1979		36.	
30 20	D-14-12-30	1960		61.	
		1961		61.	
		1962		61.	
		1963		61.	
		1964		61.	
		1965		61.	
		1966		61.	
		1967		61.	
		1968		61.	
		1969		61.	
		1970		61.	
		1971		61.	
		1972		64.	
		1973		82.	
		1974		28.	
		1975		33.	
		1976		34.	
		1977		36.	
30 29	D-14-13-27	1960	217.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
30 29	D-14-13-27	1961	651.	94.	
		1962	414.	22.	
		1963	45.	16.	
		1964	4.	13.	
		1966	60.		
		1969	29.		
		1970	53.		
		1971	64.		
30 30	D-14-13-26	1960	190.		
		1961	22.	771.	
		1962	204.	1031.	
		1963	143.	869.	
		1964	50.	492.	
		1965	112.	486.	
		1966	122.	204.	
		1967	161.	74.	
		1968	71.	103.	
		1969	199.	136.	
		1970	101.	108.	
		1971	146.	205.	
		1972		137.	
		1973		293.	
		1974		276.	
		1975		321.	
		1976		179.	
		1977		212.	
		1978		190.	
		1979		190.	
30 31	D-14-13-25	1960			130.
		1961		125.	130.
		1962		358.	130.
		1963		255.	130.
		1964		278.	130.
		1965		93.	130.
		1966		216.	130.
		1967		192.	130.
		1968		350.	130.
		1969		423.	130.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
30 31	D-14-13-29	1970		1155.	250.
		1971		379.	177.
		1972		387.	339.
		1973			432.
		1974		447.	223.
		1975		436.	166.
		1976		342.	211.
		1977			178.
		1978			178.
		1979			178.
30 32	D-14-14-30	1961		116.	
		1962		33.	
		1966		110.	
		1967		321.	
		1968		248.	
		1969		160.	
		1970		221.	
		1971		315.	
		1972		274.	
		1973		353.	
		1974		287.	
		1975		86.	
		1976		167.	
		1977		143.	
30 33	D-14-14-29	1961		1074.	
		1962		820.	
		1963		931.	
		1964		893.	
		1965		966.	
		1966		857.	
		1967		1018.	
		1968		974.	
		1969		1113.	
		1970		809.	
		1971		1040.	
		1972		1317.	
		1973		531.	
		1974		859.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
30 33	D-14-14-29	1975		867.	
		1976		357.	
		1977		361.	
		1978		599.	
30 34	D-14-14-28	1961		2.	
		1962		37.	
		1963		177.	
		1964		263.	
		1965		237.	
		1966		727.	
		1967		342.	
		1968		453.	
		1969		234.	
		1970		176.	
		1971		168.	
		1972		307.	
		1973		145.	
		1974		298.	
		1975		372.	
		1976		274.	
		1977		301.	
		1978		242.	
		1979		242.	
30 37	D-14-14-25	1960			200.
		1961			200.
		1962			200.
		1963			200.
		1964			200.
		1965			200.
		1966			200.
		1967			200.
		1968			200.
		1969			200.
		1970			192.
		1971			269.
		1972			40.
30 38	D-14-15-30	1966		73.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
30 38	D-14-15-30	1967		259.	
		1968		239.	
		1969		315.	
		1970		338.	
		1971		307.	
30 39	D-14-15-29	1961		573.	
		1962		402.	
		1963		293.	
		1964		160.	
		1965		211.	
		1966		88.	
		1967		73.	
		1968		147.	
		1969		88.	
		1970		115.	
		1971		118.	
		1972		50.	
30 40	D-14-15-28	1971		148.	
		1972		290.	
		1973		334.	
		1974		449.	
		1975		437.	
		1976		413.	
		1977		391.	
		1978		170.	
		1979		170.	
30 43	D-14-15-25	1960		34.	
		1961		34.	
		1962		34.	
		1963		34.	
		1964		34.	
		1965		34.	
		1966		34.	
		1967		34.	
		1968		34.	
		1969		34.	
		1970		34.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
30 43	G-14-15-25	1971		38.	
		1972		40.	
		1973		46.	
		1974		54.	
		1975		64.	
		1976		50.	
		1977		50.	
		1979		55.	
31 16	G-14-11-33	1960	1314.		
		1961	894.		
		1962	1118.		
		1963	799.		
		1964	587.		
		1965	614.		
		1967	942.		
		1968	552.		
		1969	602.		
		1970	890.		
		1971	768.		
		1972	670.		
		1973	1272.		
		1974	1273.		
		1975	1159.		
31 17	G-14-11-34	1960	826.		
		1961	545.		
		1962	461.		
		1963	843.		
		1964	605.		
		1965	379.		
		1966	1430.		
		1967	1157.		
		1968	409.		
		1969	884.		
		1970	373.		
		1971	852.		
		1972	803.		
		1973	673.		
		1974	510.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
31 17	D-14-11-34	1975	502.	13.	
		1976		937.	
		1977		1010.	
		1978		2821.	
		1979		2137.	
31 30	D-14-13-35	1960	112.		
		1961	295.	2539.	
		1962	104.	2619.	
		1963	106.	2863.	
		1964	141.	1938.	
		1965	27.	1056.	
		1966	273.	1132.	
		1967	351.	1256.	
		1968		2226.	
		1969	158.	2373.	
		1970	213.	2187.	
		1971	184.	3071.	
		1972		3663.	
		1973		4558.	
		1974		3416.	
		1975		3545.	
		1976		2538.	
		1977		2288.	
		1978		2544.	
		1979		2544.	
31 31	D-14-13-36	1961		41.	
		1962		175.	
		1963		198.	
		1964		230.	
		1965		202.	
		1966		52.	
		1967		50.	
		1968		317.	
		1969		719.	
		1970		728.	
		1971		923.	
		1972		1195.	
		1973		1155.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
31 31	D-14-13-36	1974		939.	
		1975		1225.	
		1976		812.	
		1977		465.	
		1978		764.	
		1979		814.	
31 32	D-14-14-31	1963		262.	
		1973		26.	
		1974		26.	
		1975		26.	
		1976		26.	
		1977		26.	
		1978		26.	
		1979		26.	
31 36	D-14-14-35	1960			300.
		1961			300.
		1962			300.
		1963			300.
		1964			300.
		1965			300.
		1966			300.
		1967			300.
		1968			300.
		1969			300.
		1970			423.
		1971			146.
		1972			386.
		1973			405.
		1974			117.
		1975			178.
		1976			255.
		1977			67.
		1978			67.
		1979			67.
31 37	D-14-14-36	1960			500.
		1961			500.
		1962			500.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
31 37	D-14-14-36	1963			500.
		1964			500.
		1965			500.
		1966			500.
		1967			500.
		1968			500.
		1969			500.
		1970			424.
		1971			717.
		1972			891.
		1973			627.
		1974			61.
		1975			108.
		1976			273.
		1977			273.
		1978			273.
		1979			273.
31 39	D-14-15-32	1961		511.	
		1962		534.	
		1963		289.	
		1964		333.	
		1965		217.	
		1966		85.	
		1967		56.	
		1968		149.	
		1969		104.	
		1970		157.	
		1971		230.	
		1972		144.	
		1973		269.	
		1974		232.	
		1975		259.	
		1976		307.	
		1977		249.	
		1978		227.	
		1979		227.	
31 41	D-14-15-34	1960	25.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
31 41	D-14-15-34	1971			3.
		1972			4.
		1973			8.
31 42	D-14-15-35	1960	65.		
		1974		0.	
		1975		46.	
		1976		28.	
		1977		72.	
		1978		98.	
		1979		98.	
31 44	D-14-16-31	1974		2.	
		1975		8.	
		1976		9.	
		1977		10.	
		1978		9.	
		1979		9.	
32 15	D-15-11-05	1969		475.	
		1970		27.	
		1971		346.	
		1972		398.	
		1973		483.	
		1974	515.	1076.	
		1975		1597.	
		1976		1136.	
		1977		826.	
		1978		274.	
		1979		1345.	
32 17	D-15-11-03	1970	50.		
		1971	139.		
		1974	128.		
		1977	325.		
32 29	D-15-13-03	1960	611.		
		1961	370.		
		1962	481.		
		1963	447.		
		1964	441.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
32 29	D-15-13-C3	1965	422.		
		1966	695.		
		1967	706.		
		1968	295.		
		1969	449.		
		1970	839.		
		1971	188.		
		1972	93.		
		1973	496.		
		1974	903.		
		1975	821.		
		1976	704.		
		1977	862.		
		1978	793.		
32 30	D-15-13-C2	1961		1985.	
		1962		1901.	
		1963		1693.	
		1964		2100.	
		1965		1713.	
		1966		1051.	
		1967		774.	
		1968		741.	
		1969		869.	
		1970		817.	
		1971		608.	
		1972		1578.	
		1973		1885.	
		1974		1564.	
		1975		1868.	
		1976		1492.	
		1977		1579.	
		1978		1159.	
		1979		1159.	
32 31	D-15-13-C1	1963		45.	
		1964		30.	
		1965		32.	
		1966		44.	
		1967		45.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
32 31	D-15-13-01	1968		109.	
		1969		19.	
		1970		23.	
		1971		72.	
		1972		265.	
		1973		300.	
		1974		285.	
		1975		317.	
		1976		216.	
		1977		80.	
		1978		228.	
		1979		228.	
32 32	D-15-14-06	1972	358.		
		1973	358.		
		1974	358.		
		1975	358.		
		1976	400.		
		1977	400.		
		1978	400.		
		1979	400.		
32 34	D-15-14-04	1970		38.	
		1971		53.	
		1972		67.	
		1973		117.	
		1974		105.	
		1975		107.	
		1976		94.	
		1977		86.	
		1978		86.	
		1979		86.	
32 35	D-15-14-03	1960			3300.
		1961			3300.
		1962			3300.
		1963			4300.
		1964			4300.
		1965			4300.
		1966			4300.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
32 35	D-15-14-C3	1967			4300.
		1968			4300.
		1969			4300.
		1970			4659.
		1971			4538.
		1972			4695.
		1973			5158.
		1974			4887.
		1975			5139.
		1976			4650.
		1977			4101.
		1978			4101.
		1979			4101.
32 36	D-15-14-C2	1960			76.
		1961			76.
		1962			76.
		1963			76.
		1964			76.
		1965			76.
		1966			76.
		1967			76.
		1968			76.
		1969			76.
		1970			76.
		1971			250.
		1972			358.
		1973			54.
		1974			50.
		1975			52.
		1976			44.
		1977			36.
		1978			36.
		1979			36.
32 37	D-15-14-C1	1973			420.
		1974			1949.
		1975			1985.
		1976			1519.
		1977			1467.

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
32 37	D-15-14-01	1978			1467.
		1979			1467.
32 38	D-15-15-06	1960			244.
		1961			244.
		1962			244.
		1963			244.
		1964			244.
		1965			244.
		1966			244.
		1967			244.
		1968			244.
		1969			244.
		1970			249.
		1971			241.
		1972			334.
		1973			334.
		1974			113.
		1975			110.
		1976			159.
		1977			156.
		1978			156.
		1979			156.
32 39	D-15-15-05	1960			200.
		1961			200.
		1962			200.
		1963			200.
		1964			200.
		1965			200.
		1966			200.
		1967			200.
		1968			200.
		1969			200.
		1970			203.
		1971			201.
		1972			419.
		1973		91.	356.
		1974		238.	95.
		1975		382.	89.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
32 39	D-15-15-05	1976		496.	147.
		1977		504.	126.
		1978		304.	126.
		1979			126.
32 40	D-15-15-04	1974		253.	
		1975		315.	
		1976		387.	
		1977		184.	
		1978		343.	
		1979		343.	
33 16	D-15-11-09	1978		190.	
		1979		1512.	
33 18	D-15-11-11	1960	796.		
		1961	1056.		
		1962	836.		
		1963	729.		
		1964	624.		
		1965	751.		
		1967	583.		
		1968	744.		
		1969	710.		
		1970	962.		
		1974		235.	
		1975		411.	
		1976		1902.	
		1977		1362.	
		1978		1564.	
		1979		2131.	
33 29	D-15-13-10	1960	1516.		
		1961	1291.		
		1962	1528.		
		1963	1666.		
		1964	1820.		
		1965	1073.		
		1966	876.		
		1967	1198.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
33 29	D-15-13-10	1968	1361.		
		1969	1305.		
		1970	1137.		
		1971	1339.		
		1972	1461.		
		1973	1125.		
		1974	2092.		
		1975	1559.		
		1976	1559.		
		1977	1146.		
		1978	1581.		
33 30	D-15-13-11	1961		46.	
		1962		15.	
		1963		160.	
		1964		665.	
		1965		412.	
		1966		440.	
		1967		207.	
		1968		207.	
		1969		385.	
		1970		242.	
		1971		138.	
		1972		349.	
		1973	143.	309.	
		1974	143.	263.	
		1975	143.	118.	
		1976	143.	291.	
		1977	143.	212.	
		1978	143.	162.	
		1979	143.	162.	
33 31	D-15-13-12	1961		21.	
		1962		32.	
		1963		24.	
		1964		8.	
		1965		5.	
		1966		1.	
		1970		128.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
33 31	D-15-13-12	1971		345.	
		1972		353.	
		1973		431.	
		1974		352.	
		1975		341.	
		1976		183.	
		1977		181.	
		1978		177.	
		1979		177.	
33 32	D-15-14-07	1962		6.	
		1963		359.	
		1964		223.	
		1965		223.	
		1966		252.	
		1967		73.	
		1968		80.	
		1969		66.	
		1970		43.	
		1971		55.	
		1972		81.	
		1973		89.	
		1974		77.	
		1975		146.	
		1976		64.	
		1977		65.	
		1978		41.	
		1979		41.	
33 33	D-15-14-08	1966		412.	
		1967		794.	
		1968		695.	
		1969		306.	
		1970		764.	
		1971		938.	
		1972		726.	
		1973		783.	
		1974		592.	
		1975		680.	
		1976		563.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
33 33	D-15-14-08	1977		517.	
		1978		186.	
		1979		186.	
33 34	D-15-14-09	1964		78.	
		1965		52.	
		1966		54.	
		1967		61.	
		1968		40.	
		1969		68.	
		1970		86.	
		1971		38.	
33 35	D-15-14-10	1970		152.	
		1971		212.	
		1972		224.	
		1973		514.	
		1974		376.	
		1975		660.	
		1976		560.	
		1977		520.	
		1978		520.	
		1979		520.	
34 17	D-15-11-15	1969		675.	
		1970		49.	
		1971		607.	
		1972		1085.	
		1973		2627.	
		1974		3162.	
		1975		3519.	
		1976		2585.	
		1977		1871.	
		1978		1785.	
		1979		2654.	
34 28	D-15-13-16	1960	125.		
		1961	172.		
		1962	74.		
		1965	346.		
		1966	301.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
34 28	D-15-13-16	1967	343.		
		1968	426.		
34 29	D-15-13-15	1960	1101.		
		1961	1181.		
		1962	976.		
		1963	823.		
		1964	1195.		
		1965	1037.		
		1966	364.		
		1967	839.		
		1968	958.		
		1969	905.		
		1970	488.	1.	
		1971	483.	8.	
		1972	1094.	16.	
		1973	1164.	23.	
		1974	1207.	24.	
		1975	706.	7.	
		1976	1371.		
		1977	1123.		
		1978	677.		
		1979	611.		
34 30	D-15-13-14	1967	101.		
		1971	42.		
		1972	130.	6.	
		1973	40.		
		1975	71.		
		1976	159.		
		1977	70.		
		1978	126.		
		1979	46.		
34 31	D-15-13-13	1961		32.	
		1962		164.	
		1963		344.	
		1964		287.	
		1965		45.	
		1966		38.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
34 31	D-15-13-13	1967		392.	
		1968		635.	
		1969		526.	
		1970		478.	
		1971		495.	
		1972		917.	
		1973		877.	
		1974		987.	
		1975		1042.	
		1976		841.	
		1977		368.	
		1978		581.	
		1979		581.	
34 32	D-15-14-18	1965		143.	
		1966		175.	
		1967		486.	
		1968		231.	
		1969		214.	281.
		1970		352.	277.
		1971		565.	216.
		1972		546.	284.
		1973		628.	355.
		1974		589.	29.
		1975		658.	25.
		1976			27.
		1977		284.	30.
		1978		405.	30.
		1979		405.	30.
34 33	D-15-14-17	1970			4.
		1971			4.
		1972			7.
		1973	9.		12.
		1974	18.		
		1975	31.		
		1976	86.		
		1977	112.		
		1978	112.		
		1979	112.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
34 37	D-15-14-13	1970		69.	
		1971		80.	
		1972		135.	
		1973		169.	
		1974		169.	
		1975		184.	
		1976		203.	
		1977		220.	
		1978		218.	
		1979		218.	
34 41	D-15-15-15	1960			5.
		1961			5.
		1962			5.
		1963			5.
		1964			5.
		1965			5.
		1966			5.
		1967			5.
		1968			5.
		1969			5.
		1970			5.
		1971			10.
		1972			22.
		1973			2.
		1974			15.
		1975			37.
		1976			12.
		1977			9.
		1978			9.
		1979			9.
34 46	D-15-16-16	1970	128.	6.	
		1971	68.	6.	
		1972		11.	
		1974		20.	
		1975		8.	
		1976		11.	
		1977		10.	
		1978		10.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
34 46	D-15-16-16	1979		10.	
34 47	D-15-16-15	1970	94.		
35 10	D-15-10-21	1960	267.		
		1961	193.		
		1963	268.		
		1964	234.		
		1965	234.		
		1966	206.		
		1967	215.		
		1968	559.		
		1969	243.		
		1970	263.		
		1971	187.		
		1972	224.		
		1973	223.		
		1974	248.		
		1975	171.		
		1976	360.		
		1977	251.		
		1978	343.		
		1979	212.		
35 15	D-15-11-20	1974		73.	
		1975		1085.	
		1976		826.	
		1977		459.	
		1978		782.	
		1979		279.	
35 17	D-15-11-22	1969		460.	
		1970		21.	
		1971		244.	
		1972		427.	
		1973		1234.	
		1974		1396.	
		1975		1648.	
		1976		377.	
		1977		1180.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
35 17	D-15-11-22	1978		525.	
		1979		829.	
35 28	D-15-13-21	1960	160.		
		1961	275.		
		1964	245.		
		1965	240.		
		1966	138.		
		1967	121.		
		1968	79.		
		1969	39.		
		1972	231.		
		1973	488.		
		1974	660.		
		1975	537.		
		1976	512.		
		1977	489.		
		1979	229.		
35 29	D-15-13-22	1960	800.		
		1961	1442.		
		1962	1034.		
		1963	989.		
		1964	1427.		
		1965	1154.		
		1966	1634.		
		1967	939.		
		1968	1432.		
		1969	318.		
		1972	1193.		
		1973	1018.		
		1974	1131.		
		1975	1370.		
		1976	1716.		
		1977	1499.		
		1978	1100.		
		1979	763.		
35 30	D-15-13-23	1960	42.		
		1973	627.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
35 30	D-15-13-23	1974	640.		
		1975	501.		
		1976	349.		
		1977	37.		
35 32	D-15-14-19	1961		508.	
		1962		697.	
		1963		624.	
		1964		489.	
		1965		459.	
		1966		471.	
		1967		494.	
		1968		363.	
		1969		451.	
		1970		496.	
		1971		457.	
		1972		478.	
		1973		527.	
		1974		594.	
		1975		453.	
		1976		366.	
		1977		324.	
		1978		317.	
		1979		317.	
35 47	D-15-16-22	1976		1.	
		1977		1.	
36 09	D-15-10-29	1974		1.	
		1975		1.	
		1976		1.	
		1977		2.	
		1978		2.	
		1979		2.	
36 10	D-15-10-28	1960	798.		
		1961	797.		
		1962	981.		
		1963	640.		
		1964	817.		
		1965	682.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
36 10	D-15-10-28	1966	437.		
		1967	279.		
		1968	896.		
		1969	864.		
		1970	802.		
		1971	908.		
		1972	821.		
		1973	750.		
		1974	603.		
		1975	1530.		
		1976	915.		
		1977	982.		
		1978	793.		
		1979	802.		
36 11	D-15-10-27	1974	603.		
36 16	D-15-11-28	1974	303.		
		1976		272.	
		1977		622.	
		1978		772.	
		1979		881.	
36 29	D-15-13-27	1961	262.		
		1962	526.		
		1963	192.		
		1964	536.		
		1965	562.		
		1966	323.		
		1967	460.		
		1968	482.		
		1969	114.		
		1972	680.		
		1973	253.		
		1974	915.		
		1975	633.		
		1976	448.		
		1978	445.		
		1979	237.		
36 30	D-15-13-26	1961	260.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
36 30	D-15-13-26	1962	106.		
		1963	12.		
		1964	81.		
		1965	49.		
		1967	86.		
		1968	78.		
		1969	46.		
		1970	22.		
		1972	17.		
		1973	112.		
		1975	56.		
		1976	128.		
		1977	112.		
		1978	11.		
		1979	18.		
36 31	D-15-13-25	1968	34.		
36 32	D-15-14-30	1964		243.	
		1965		948.	
		1966		960.	
		1967		355.	
		1974		418.	
		1975		391.	
		1976		62.	
36 33	D-15-14-29	1970			633.
		1971			446.
		1972			437.
		1973			747.
		1974			747.
		1975			747.
		1976			747.
		1977			747.
		1978			747.
		1979			747.
36 39	D-15-15-29	1972		1.	
		1973		1.	
		1974		2.	
		1975		3.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
36 39	D-15-15-29	1976		3.	
		1977		2.	
		1978		2.	
		1979		2.	
37 10	D-15-10-33	1960	1149.		
		1961	1408.		
		1962	1344.		
		1963	1063.		
		1964	1071.		
		1965	1838.		
		1966	808.		
		1967	1250.		
		1968	680.		
		1969	970.		
		1970	1305.		
		1971	1463.		
		1972	1192.		
		1973	1294.		
		1975	508.		
		1976	1666.		
		1977	3289.		
		1978	1036.		
		1979	1029.		
37 11	D-15-10-34	1966	64.		
		1967	40.		
		1970	196.	3.	
		1971	71.	6.	
		1972	245.	6.	
		1973	204.	9.	
		1974		8.	
		1975	175.	6.	
		1976	204.	9.	
		1977	463.	10.	
		1978	109.	10.	
		1979	170.	10.	
37 16	D-15-11-33	1974	1370.		
37 17	D-15-11-34	1974	184.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
37 30	D-15-13-35	1961	65.		
		1964	86.		
		1965	86.		
		1977	84.		
		1978	37.		
37 32	D-15-14-31	1961	2120.		
		1962	3746.		
		1963	5183.		
		1964	4716.		
		1965	4724.		
		1966	4226.		
		1967	4261.		
		1968	3846.		
		1969	4267.		
		1970	3740.		
		1971	3789.		
		1972	4062.		
		1973	1599.	1830.	
		1974	2605.	3844.	
		1975	2871.	3475.	
		1976	2681.	2520.	
		1977	2211.	3032.	
		1978	2622.		
		1979	2622.		
38 09	D-16-10-05	1960	292.		
		1961	237.		
		1963	297.		
		1964	282.		
		1965	192.		
		1966	210.		
		1967	324.		
		1968	150.		
		1969	203.		
		1970	322.		
		1971	280.		
		1972	196.		
		1973	196.		
		1975	584.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
38 09	D-16-10-05	1976	198.		
		1977	530.		
		1978	525.		
		1979	275.		
38 10	D-16-10-04	1960	271.		
		1961	166.		
		1963	1390.		
		1964	152.		
		1965	244.		
		1966	341.		
		1967	364.		
		1968	233.		
		1969	398.		
		1970	358.		
		1971	255.		
		1972	266.		
		1973	364.		
		1975	642.		
		1976	436.		
		1977	408.		
		1978	315.		
		1979	486.		
38 15	D-16-11-05	1974	432.		
38 16	D-16-11-04	1974	441.		
38 31	D-16-13-01	1977	929.		
38 32	D-16-14-06	1960	61.		
		1961	120.	1.	
		1962	150.	635.	
		1963	111.	1656.	
		1964	192.	1139.	
		1965	45.	2046.	
		1966	42.	2494.	
		1967	42.	2814.	
		1968	67.	2202.	
		1969	58.	1665.	
		1970		1859.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
38 32	D-16-14-06	1971		1407.	
		1972		947.	
		1973		991.	
		1974		5612.	
		1975		2335.	
		1976		2030.	
		1977		1707.	
		1978		1785.	
		1979		1785.	
38 34	D-16-14-04	1964		202.	
		1966		152.	
		1967		498.	
		1968		362.	
		1969		375.	
		1970		330.	
		1971		292.	
		1973		259.	
		1974		1.	
38 40	D-16-15-04	1960			30.
		1961			30.
		1962			30.
		1963			30.
		1964			30.
		1965			30.
		1966			30.
		1967			30.
		1968			30.
		1969			30.
		1970			42.
		1971			41.
		1972			32.
		1973			27.
		1974			29.
		1975			30.
		1976			32.
		1977			36.
39 09	D-16-10-08	1960	276.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
39 09	D-16-10-08	1961	190.		
		1963	251.		
		1964	202.		
		1965	173.		
		1966	276.		
		1967	162.		
		1968	313.		
		1970	298.		
		1971	426.		
		1972	352.		
		1973	324.		
		1975	510.		
		1976	723.		
		1977	510.		
		1978	505.		
		1979	469.		
39 10	D-16-10-09	1965	1313.		
		1973	279.		
39 15	D-16-11-08	1971		11.	
		1972		17.	
		1974		6.	
		1975		2.	
		1976		2.	
		1977		5.	
		1978		24.	
		1979		24.	
39 16	D-16-11-09	1974		4.	
		1975		5.	
		1976		9.	
		1977		7.	
		1978		9.	
		1979		9.	
39 32	D-16-14-07	1960	396.		
		1961	243.	798.	
		1962	322.	988.	
		1963	347.	1515.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
39 32	D-16-14-07	1964	320.	2296.	
		1965	354.	2181.	
		1966	202.	2166.	
		1967	500.	2069.	
		1968	294.	2354.	
		1969	280.	2144.	
		1970	217.	1719.	
		1971	442.	1544.	
		1972	333.	1161.	
		1973		1391.	
		1974		1413.	
		1975		1670.	
		1976	698.	978.	
		1977		629.	
		1978		960.	
		1979		960.	
39 36	D-16-14-11	1978	1602.		
40 08	D-16-10-18	1974	859.		
		1977	272.		
		1978	768.		
40 32	D-16-14-18	1960		1188.	
		1961		1061.	
		1962	646.	384.	
		1963		785.	
		1964		343.	
		1965		524.	
		1966		227.	
		1967		739.	
		1968		169.	
		1969		319.	
		1970		428.	
		1971		887.	
		1972		780.	
		1973		116.	
		1974		114.	
		1975		54.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
40 32	D-16-14-18	1976		972.	
		1979		45.	
40 33	D-16-14-17	1961		1184.	
		1962		1660.	
		1963		1405.	
		1964		1203.	
		1965		1329.	
		1966		1062.	
		1967		1618.	
		1968		1352.	
		1969		1634.	
		1970		1426.	
		1971		1388.	
		1972		1701.	
		1973		1952.	
		1974		1704.	
		1975		1384.	
		1976		1266.	
		1977		1243.	
		1978		1128.	
		1979		1128.	
40 42	D-16-15-14	1970			3.
		1971			6.
		1972			8.
		1973			8.
		1974			8.
		1975			6.
		1976			6.
		1977			6.
		1978			6.
		1979			6.
40 47	D-16-16-15	1979		10.	
41 07	D-16-09-24	1974	301.		
41 08	D-16-10-19	1968	279.		
		1970	336.		
		1971	422.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
41 08	D-16-10-19	1977	490.		
		1978	628.		
41 13	D-16-10-24	1968	223.		
41 26	D-16-13-19	1977	391.		
41 32	D-16-14-19	1960		1110.	
		1961		1354.	
		1962	1016.	476.	
		1963		1044.	
		1964		874.	
		1965		1102.	
		1966		184.	
		1967		1060.	
		1968		445.	
		1969		539.	
		1970		995.	
		1971		1265.	
		1972		948.	
		1973		242.	
		1974		124.	
		1975		119.	
		1976		2716.	
41 33	D-16-14-20	1961		3306.	
		1962		4244.	
		1963		3895.	
		1964		2260.	
		1965		1810.	
		1966		1654.	
		1967		2518.	
		1968		1774.	
		1969		2236.	
		1970		768.	
		1971		752.	
		1972		780.	
		1973		1151.	
		1974		663.	
		1975		1123.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
41 33	D-16-14-20	1976		816.	
		1977		614.	
		1978		550.	
		1979		550.	
41 34	D-16-14-21	1964		305.	
		1965		1150.	
		1966		1262.	
		1967		1251.	
		1968		1125.	
		1969		2394.	
		1970		2691.	
		1971		1422.	
		1972		2196.	
		1973		1180.	
		1974		1113.	
		1975		1118.	
		1976		682.	
		1977		610.	
		1978		1250.	
		1979		1250.	
42 02	D-16-09-30B	1970	600.		
42 07	D-16-09-25	1974	312.		
42 09	D-16-10-29	1974		30.	
		1975		32.	
		1976		30.	
		1977		26.	
		1978		21.	
		1979		21.	
42 13	D-16-10-25	1968	335.		
42 29	D-16-13-27	1960	592.		
42 30	D-16-13-26	1960	128.		
		1977			22.
		1978			1291.
		1979			505.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
42 32	D-16-14-30	1960	1251.		
		1961	1386.		
		1962	522.	1058.	
		1963	1179.		
		1964	770.		
		1965	1626.		
		1966	1134.		
		1967	1765.		
		1968	516.		
		1969	282.		
		1970	394.	828.	
		1971	412.	630.	
		1972	427.	385.	
		1973	177.	837.	
		1974		668.	
		1975		635.	
		1976		456.	
		1977		260.	
		1978		523.	
		1979		517.	
42 33	D-16-14-29	1960	810.		
		1961	908.		
		1962	741.		
		1963	774.		
		1964	585.		
		1965	633.		
		1966	296.		
		1967	717.		
		1968	870.		
		1969	1012.		
		1970	813.		
		1971	585.		
		1972	195.		
42 34	D-16-14-28	1969		827.	
		1970		1458.	
		1971		1431.	
		1972		1318.	
		1973		1038.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
42 34	D-16-14-28	1974		724.	
		1975		620.	
		1976		490.	
		1977		795.	
		1978		517.	
42 36	D-16-14-26	1975		103.	
		1976		444.	
		1977		301.	
		1978		218.	
		1979		218.	
42 37	D-16-14-25	1970		244.	
		1971		842.	
		1972		875.	
		1973		819.	
		1974		741.	
		1975		1632.	
		1976		2039.	
		1977		2911.	
		1978		2252.	
		1979		2252.	
42 47	D-16-16-27	1965		7.	
		1966		7.	
		1967		7.	
		1968		7.	
		1969		7.	
		1970		7.	
		1971		7.	
		1972		7.	
		1973		11.	
		1974		13.	
		1975		13.	
		1976		14.	
		1977		13.	
		1978		14.	
		1979		10.	
43 29	D-16-13-34	1960			78.
		1961			78.
		1962			567.

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
43 29	D-16-13-34	1963			1292.
		1964			1848.
		1965			766.
		1966			1203.
		1967			904.
		1968			2266.
		1969			2859.
		1970			2012.
		1971			1342.
		1972			1876.
		1973			1889.
		1974			509.
		1975			510.
		1976			390.
		1977			541.
		1978			747.
		1979			639.
43 30	D-16-13-35	1960	277.		973.
		1961	209.		973.
		1962			4315.
		1963	271.		3550.
		1964	106.		3177.
		1965	271.		4011.
		1966	134.		3391.
		1967			2815.
		1968	268.		2869.
		1969			3491.
		1970			4073.
		1971			3764.
		1972			4146.
		1973			4845.
		1974			5292.
		1975			4536.
		1976			4881.
		1977			4152.
		1978			4703.
		1979			5073.
43 31	D-16-13-36	1965			2646.

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
43 31	D-16-13-36	1966			5127.
		1967			6965.
		1968			7835.
		1969			7608.
		1970			7080.
		1971			7848.
		1972			7512.
		1973			4980.
		1974			4265.
		1975			5425.
		1976			6325.
		1977			4419.
		1978			25.
		1979			2359.
43 32	D-16-14-31	1960	480.		
		1961	792.		
		1962	745.		
		1963	760.		
		1964	449.		
		1965	578.		
		1969	115.		
		1970	598.		
		1971	408.		
		1972	396.		
		1973	460.		
		1974	461.		
		1975	413.		
		1976	243.		
		1977	15.		
43 33	D-16-14-32	1960	1007.		
		1961	1007.		
		1962	413.		
		1963	766.		
		1964	760.		
		1965	872.		
		1966	396.		
		1967	531.		
		1968	651.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
43 33	D-16-14-32	1969	968.		
		1970	874.		
		1971	708.		
43 36	D-16-14-35	1963		653.	
43 41	D-16-15-34	1978		94.	
		1979		94.	
44 26		1966		496.	
44 27		1966	808.		
44 30	D-17-13-02	1967	228.		4179.
		1968			6268.
		1969			5072.
		1970			4720.
		1971			5232.
		1972			5008.
		1973			3320.
		1974			3384.
		1975			3472.
		1976			4636.
		1977			2776.
		1979			2788.
44 31	D-17-13-01	1960			293.
		1961	402.		300.
		1962			347.
		1963			306.
		1964			273.
		1965			305.
		1966			227.
		1970			1180.
		1971			1308.
		1972			1252.
		1973			4262.
		1974			3958.
		1975			2185.
		1976			4724.
		1977			1388.

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
44 31	D-17-13-C1	1978			2322.
		1979			1154.
44 32	D-17-14-C6	1960	1237.		
		1961	1664.		
		1962	1880.		
		1963	1938.		
		1964	1898.		
		1965	1915.		
		1966	1054.		
		1967	2174.		
		1968	1664.		
		1969	1869.		
		1970	1440.		
		1971	442.		
		1972	123.		
		1973	128.		
		1974	299.		
		1975	1806.		
		1976	1142.		
		1977	899.		
		1978	823.		
		1979	1644.		
44 33	D-17-14-C5	1960	810.		
		1961	695.		
		1962	682.		
		1963	579.		
		1964	300.		
		1965	447.		
		1966	416.		
		1967	682.		
		1968	617.		
		1969	559.		
		1970	332.		
		1971	108.		
		1972	90.		
		1973	143.		
		1974	91.		
		1975	631.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
44 33	D-17-14-05	1976	881.		
		1977	344.		
		1978	378.		
		1979	430.		
44 34	D-17-14-04	1969		284.	
		1970		989.	
		1971		854.	
		1972		1854.	
		1973		1970.	
		1974		1905.	
		1975		1528.	
		1976		1171.	
		1977		1267.	
		1978		1104.	
		1979		1104.	
44 36	D-17-14-02	1975		121.	
		1976		290.	
		1977		290.	
		1978		255.	
		1979		255.	
45 26		1966	283.		
45 27		1966	303.		
45 29	D-17-13-10	1969			1268.
		1970			1180.
		1971			1308.
		1972			1252.
		1973			830.
		1974			846.
		1975			868.
		1976			1159.
		1977			727.
		1979			697.
45 31	D-17-13-12	1972		19.	
		1973		17.	
		1974		2.	
		1975		2.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
45 31	D-17-13-12	1976		10.	
		1977		10.	
		1978		10.	
		1979		10.	
45 32	D-17-14-07	1960	1579.		
		1961	2188.		
		1962	1645.		
		1963	1619.		
		1964	1356.		
		1965	1495.		
		1966	799.		
		1967	1642.		
		1968	1231.		
		1969	2502.		
		1970	2960.		
		1971	2865.		
		1972	2748.		
		1973	2864.		
		1974	2649.		
		1975	3863.		
		1976	5063.		
		1977	4016.		
		1978	3907.		
		1979	3556.		
45 33	D-17-14-08	1960	1486.		
		1961	1310.		
		1962	1255.		
		1963	1224.		
		1964	1567.		
		1965	2256.		
		1966	1635.		
		1967	2099.		
		1968	1500.		
		1969	2050.		
		1970	2337.		
		1971	1304.		
		1972	1249.		
		1973	1120.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
45 33	D-17-14-08	1974	1153.		
		1975	973.		
		1976	351.		
		1977	723.		
		1978	503.		
		1979	429.		
45 37	D-17-14-12	1975	207.		
		1977	81.		
46 26		1966	572.		
46 27		1966	264.		
46 31	D-17-13-13	1960	891.		
		1961	1157.		
		1962	1417.		
		1963	1349.		
		1964	1039.		
		1965	1286.		
		1966	350.		
		1967	1275.		153.
		1968	1199.		153.
		1969	841.		840.
		1970	797.		2967.
		1971	510.		3627.
		1972	678.		2583.
		1973	594.		4384.
		1974	687.		3132.
		1975	2474.		883.
		1976	2352.		2650.
		1977	1093.		2202.
		1978	797.		1489.
		1979	1630.		2552.
46 32	D-17-14-18	1960	2027.		
		1961	2102.		
		1962	2357.		
		1963	1633.		
		1964	1417.		
		1965	1571.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
46 32	D-17-14-18	1966	1260.		
		1967	1758.		
		1968	1494.		
		1969	2304.		
		1970	1833.		
		1971	1799.		
		1972	1423.		
		1973	1983.		
		1974	2072.		
		1975	1879.		
		1976	1951.		
		1977	1443.		
		1978	1231.		
		1979	1333.		
46 43	D-17-15-13	1973	390.		
		1974	390.		
		1975	390.		
		1976	390.		
		1977	390.		
		1978	390.		
		1979	390.		
47 26		1966	514.		
47 30	D-17-13-23	1970		35.	
		1971		42.	
		1972		46.	
		1973		42.	
		1974		35.	
		1975		39.	
		1976		39.	
		1977		39.	
		1978		39.	
		1979		39.	
47 31	D-17-13-24	1960	641.		
		1961	685.		
		1962	720.		
		1963	536.		
		1964	455.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
47 31	D-17-13-24	1965	595.		
		1966	233.		
		1967	776.		
		1968	671.		
		1969	399.		
		1970	583.		
		1971	541.		
		1972	270.		
		1973	177.		
		1974	274.		
		1975	1936.		
		1976	3042.		
		1977	2330.		
		1978	2288.		
		1979	3256.		
47 32	D-17-14-19	1960	1667.		
		1961	1985.		
		1962	2016.		
		1963	1854.		
		1964	1433.		
		1965	1478.		
		1966	1287.		
		1967	2194.		
		1968	1316.		
		1969	1596.		
		1970	1837.		
		1971	1555.		
		1972	1338.		
		1973	1617.		
		1974	1654.		
		1975	3481.		
		1976	3346.		
		1977	2135.		
		1978	2276.		
		1979	2112.		
47 37	D-17-14-24	1960	887.		
		1961	887.		
48 30	D-17-13-26	1968	426.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
48 30	D-17-13-26	1970		35.	
		1971		42.	
		1972		46.	
		1973		42.	
		1974		35.	
		1975		78.	
		1976		78.	
		1977		96.	
		1978		96.	
		1979		96.	
48 31	D-17-13-25	1960	2550.		
		1961	3026.		
		1962	3504.		
		1963	3203.		
		1964	2774.		
		1965	3278.		
		1966	2060.		210.
		1967	3413.		153.
		1968	3223.		153.
		1969	3069.		340.
		1970	3200.		2967.
		1971	2465.		2583.
		1972	2392.		5403.
		1973	2398.		4565.
		1974	2789.		4293.
		1975	4442.		3575.
		1976	3936.		3897.
		1977	2221.		2411.
		1978	2547.		1898.
		1979	4182.		1933.
48 32	D-17-14-30	1960	1825.		
		1961	1874.		
		1962	2043.		
		1963	1453.		
		1964	2507.		
		1965	2879.		
		1966	320.		
		1967	1974.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
48 32	D-17-14-30	1968	2651.		
		1969	3790.		
		1970	4147.		
		1971	3562.		
		1972	2988.		
		1973	3217.		
		1974	3793.		
		1975	5809.		
		1976	5534.		
		1977	3263.		
		1978	3474.		
		1979	3151.		
48 36	D-17-14-26	1961	636.		
48 37	D-17-14-25	1961	589.		
		1975	940.		
49 30	D-17-13-35	1960			2110.
		1961	877.		1720.
		1962			1665.
		1963	223.		
		1964	143.		
		1965	339.		
		1967	61.		
		1968	305.		
49 31	D-17-13-36	1960			1852.
		1961			1632.
		1962			1693.
		1963	600.		612.
		1964	46.		546.
		1965	583.		610.
		1966	150.		454.
		1967	980.		
		1968	1197.		
		1969	869.		
49 32	D-17-14-31	1963	194.		
		1964	314.		
		1965	327.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
49 32	D-17-14-31	1967	199.		
		1968	262.		
		1969	380.		
		1970	221.		
		1971	184.		
		1972	241.		
		1973	273.		
		1976	303.		
49 33	D-17-14-32	1976	67.		
50 27	D-18-13-05	1979			1978.
50 28	D-18-13-04	1976			2992.
		1977			6757.
		1978			6310.
		1979			6212.
50 30	D-18-13-02	1967		81.	
		1968		107.	
		1970		177.	
		1971		177.	
		1972		198.	
		1973		210.	
		1974		210.	
		1975		209.	
		1976		198.	
		1977		239.	
		1978		207.	
		1979		245.	
50 31	D-18-13-01	1960			1887.
		1961	256.		1844.
		1962			2068.
		1963			1530.
		1964			1365.
		1965			1525.
		1966			1135.
		1967	726.		153.
		1968	942.		153.
		1969	850.		840.

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
50 31	D-18-13-01	1970	141.		2967.
		1971	167.		2583.
		1972	183.		2879.
		1973	132.	210.	2811.
		1974	150.	210.	3075.
		1975	1569.	209.	2908.
		1976	162.	198.	3732.
		1977	165.	239.	1720.
		1978	162.	207.	2143.
		1979		245.	2947.
50 32	D-18-14-06	1963	46.		
		1964	228.		
		1965	273.		
		1966	21.		
		1967	97.		
		1968	42.		
		1969	117.		
50 33	D-18-14-05	1960	278.		
		1961	265.		
		1962	554.		
		1963	187.		
		1964	234.		
		1965	339.		
		1966	172.		
		1967	66.		
		1968	327.		
		1969	188.		
51 29	D-18-13-10	1960			3395.
		1961			3404.
		1962			3709.
		1963			3941.
		1964			4013.
		1965			4049.
		1966			4283.
		1967			4969.
		1968			4500.
		1969			5034.
		1970			4500.

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
51 29	D-18-13-10	1971			4374.
		1972			1808.
		1973			4691.
		1974			5101.
		1975			4225.
		1976			3724.
		1977			3044.
		1978			546.
		1979			1747.
51 31	D-18-13-12	1960	1025.		
		1961	1118.		
		1962	1137.		
		1963	878.		
		1964	634.		
		1965	914.		
		1966	628.		
		1967	887.		
		1968	686.		
		1969	1012.		
		1970	701.		
		1971	496.		
		1972	279.		
		1973	517.		
		1974	542.		
		1975	1035.		
		1976	763.		
		1977	535.		
		1978	772.		
		1979	1073.		
51 33	D-18-14-08	1960	439.		
		1962			347.
		1963			306.
		1964			273.
		1965	47.		305.
		1966	250.		227.
		1967	123.		
		1968	223.		
		1969	323.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
51 36	D-18-14-11	1960	470.		
		1961	446.		
51 37	D-18-14-12	1960	1521.		
		1961	1572.		
52 29	D-18-13-15	1967		162.	
		1968		214.	
		1970		354.	
		1971		354.	
		1972		396.	
		1973		420.	
		1974		420.	
		1975		418.	
		1976		396.	
		1977		478.	
		1978		414.	
		1979		490.	
52 30	D-18-13-14	1975	1382.		
		1976	2060.		
		1977	1611.		
		1978	1399.	207.	
		1979	1468.	245.	
52 31	D-18-13-13	1960	1665.		
		1961	2176.		
		1962	2272.		
		1963	2004.		
		1964	1917.		
		1965	2701.		
		1966	1521.		
		1967	2171.		
		1968	1857.		
		1969	3074.		
		1970	2847.		
		1971	2934.		
		1972	2286.		
		1973	2378.		
		1974	2377.		
		1975	1777.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
52 31	D-18-13-13	1976	2012.		
		1977	1442.		
		1978	1815.		
		1979	1766.		
53 29	D-18-13-22	1967		81.	
		1968		107.	
		1970		177.	
		1971		177.	
		1972		198.	
		1973		210.	
		1974		210.	
		1975		209.	
		1976		198.	
		1977		239.	
		1978		207.	
		1979		245.	
53 30	D-18-13-23	1960	721.		
		1963	585.		
		1964	676.		
		1965	1053.		
		1966	320.		
		1967	563.		
		1968	553.		
		1969	1021.		
		1970	894.		
		1971	706.		
		1972	665.		
		1973	1269.		
		1974	793.		
		1975	253.		
		1976	815.		
		1977	668.		
		1978	1091.		
		1979	1231.		
53 31	D-18-13-24	1960	1596.		
		1961	1775.		
		1962	1531.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
53 31	D-18-13-24	1963	1329.		
		1964	1219.		
		1965	1371.		
		1966	994.		
		1967	1940.		
		1968	1020.		
		1969	1474.		
		1970	1274.		
		1971	1109.		
		1972	831.		
		1973	1235.		
		1974	1148.		
		1975	1193.		
		1976	1101.		
		1977	1057.		
		1978	978.		
		1979	1470.		
54 27	D-18-13-29	1979			1130.
54 28	D-18-13-28	1979			2593.
54 29	D-18-13-27	1960	566.		
		1961	713.		
		1962	1314.		
		1963	993.		
		1964	632.		
		1965	782.		
		1966	222.		
		1967	728.		
		1968	439.		
		1969	1006.		
		1970	747.		
		1971	998.		
		1972	886.		
		1973	813.		
		1974	757.		
		1975	1762.		
		1976	1637.		

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
54 29	D-18-13-27	1977	1250.		
		1978	748.		
54 30	D-18-13-26	1960	2158.		
		1961	1716.		
		1962	2489.		
		1963	1858.		
		1964	1845.		
		1965	2390.		
		1966	763.		
		1967	1938.		
		1968	1509.		
		1969	2333.		
		1970	2103.		
		1971	2148.		
		1972	1546.		
		1973	1572.		
		1974	1807.		
		1975	2886.		
		1976	2461.		
		1977	1679.		
		1978	1470.		
		1979	1318.		
55 29	D-18-13-34	1960	1201.		
		1961	1288.		
		1962	1268.		
		1963	1160.		
		1964	753.		
		1965	1077.		
		1966	311.		
		1967	783.		
		1968	625.		
		1969	1102.		
		1970	930.		
		1971	1116.		
		1972	1252.		
		1973	722.		
		1974	1502.		
		1975	2932.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
55 29	D-18-13-34	1976	2938.		
		1977	2018.		
		1978	1098.		
		1979	1973.		
55 30	D-18-13-35	1960	260.		
		1961	608.		
		1962	538.		
		1963	471.		
		1964	611.		
		1965	612.		
		1966	257.		
		1967	416.		
		1968	329.		
		1969	540.		
		1970	473.		
		1971	351.		
		1972	315.		
		1973	436.		
		1974	426.		
		1975	397.		
		1976	126.		
		1977	486.		
		1978	345.		
		1979	116.		
56 26	D-19-13-06	1960			643.
56 28	D-19-13-04	1960			18.
		1961			51.
		1964			18.
		1967			375.
		1969			15.
		1970			29.
		1973			20.
		1976			70.
56 29	D-19-13-03	1960	1434.		
		1961	980.		
		1962	1353.		
		1963	1855.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
56 29	D-19-13-03	1964	1834.		
		1965	2513.		
		1966	1152.		
		1967	1688.		
		1968	1294.		
		1969	1941.		
		1970	1919.		1731.
		1971	1693.		2745.
		1972	1715.		2862.
		1973	1614.		2293.
		1974	1216.		2989.
		1975	1201.		2709.
		1976	858.		4388.
		1977	608.		4007.
		1978	435.		3049.
		1979	791.		2748.
56 30	D-19-13-02	1963	9.		
		1965	126.		
		1966	14.		
		1970	24.		
		1971	34.		
		1973	30.		
		1974	30.		
		1976	30.		
		1977	30.		
		1979	13.		
57 26	D-19-13-07	1979	457.		
57 28	D-19-13-09	1960	733.		
		1961	531.		
		1962	1104.		
		1963	1149.		
		1964	895.		
		1965	695.		
		1966	337.		
		1967	177.		
		1968	578.		
		1969	591.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
57 28	D-19-13-09	1970	423.		
		1973	60.		
		1976	84.		
57 29	D-19-13-10	1967	57.		
		1970	63.		1839.
		1971			2917.
		1972			3053.
		1973			2822.
		1974			2989.
		1975			3612.
		1976			3656.
		1977			4218.
		1978			3306.
		1979			3431.
58 27	D-19-13-17	1967	34.		
		1970	1762.		
		1971			2745.
		1972			3244.
		1973			2998.
		1974			3363.
		1975			3838.
		1976			3900.
		1977			2320.
		1978			3977.
		1979			3531.
58 28	D-19-13-16	1960	259.		
		1961	240.		
		1962	495.		
		1963	206.		
		1964	173.		
		1967	195.		
		1968	209.		
		1969	308.		
		1970	177.		2055.
		1971			3260.
		1972			3625.

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TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
58 28	D-19-13-16	1973			3703.
		1974			3736.
		1975			4290.
		1976			3900.
		1977			3796.
		1978			3711.
		1979			3443.
59 27	D-19-13-20	1960	283.		
		1961	363.		
		1962	664.		
		1963	195.		
		1964	314.		
		1965	343.		
		1966	124.		
		1967	338.		
		1968	238.		
		1969	447.		
		1970	422.		1839.
		1971			2917.
		1972			3244.
		1973			2998.
		1974			3176.
		1975			3838.
		1976			4388.
		1977			3374.
		1978			3950.
		1979	254.		3342.
59 28	D-19-13-21	1960	126.		
		1961	231.		
		1962	490.		
		1963	181.		
		1964	290.		
		1965	201.		
		1967	117.		
		1968	390.		
		1969	393.		
		1970	292.		
		1979	35.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
60 26	D-19-13-30	1960	144.		
		1961	148.		
		1962	130.		
		1963	84.		
		1964	134.		
		1965	33.		
		1967	46.		
		1970	135.		
		1972	127.		
		1973	155.		
		1974	148.		
		1975	197.		
		1977	206.		
		1979	92.		
60 27	D-19-13-29	1960	537.		
		1961	399.		
		1962	776.		
		1963	307.		
		1964	569.		
		1965	535.		
		1966	436.		
		1967	342.		
		1968	624.		
		1969	766.		
		1970	479.		1731.
		1971	162.		2745.
		1972	17.		3053.
		1973	161.		2822.
		1974	203.		2429.
		1975	341.		4290.
		1976			4144.
		1977	262.		3374.
		1978	129.		3283.
		1979	274.		2884.
60 28	D-19-13-28	1967	27.		
		1970	27.		
61 25	D-19-12-36	1970		4.	

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
61 25	D-19-12-36	1971		20.	
		1972		13.	
		1973	24.	26.	
		1974		9.	
		1975		79.	
61 26	D-19-13-31	1960	476.		
		1961	866.		
		1962	592.		
		1963	419.		
		1964	628.		
		1965	413.		
		1966	387.		
		1967	465.		
		1968	791.		
		1969	405.		
		1970	785.		
		1971	449.		
		1972	492.		
		1973	1039.		
		1974	901.		
		1975	570.		
		1977	788.		
		1978	731.		
		1979	980.		
61 27	D-19-13-32	1960	218.		
		1961	121.		
		1962	353.		
		1963	123.		
		1964	210.		
		1965	442.		
		1966	147.		
		1967	300.		
		1968	135.		
		1969	154.		
		1970	473.		
		1971	290.		
		1972	369.		
		1973	425.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
61 27	D-19-13-32	1974	432.		
		1975	322.		
		1977	450.		
		1978	319.		
		1979	86.		
61 28	D-19-13-33	1975	180.		
62 20		1970	102.		
62 21		1971	180.		
		1972	180.		
		1973	120.		
		1974	101.		
		1976	180.		
		1978	180.		
62 22		1971	14.		
		1972	14.		
		1975	14.		
		1976	29.		
62 23	D-20-12-03	1960	27.		
		1961	90.		
		1962	7.		
		1963	47.		
		1965	263.		
		1967	349.		
		1970	143.		
		1971	101.		
		1972	179.		
		1973	150.		
		1974	36.		
		1975	36.		
		1976	79.		
62 24	D-20-12-02	1960	397.		
		1961	516.		
		1962	509.		
		1963	363.		
		1964	290.		
		1965	424.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
62 24	D-20-12-02	1967	479.		
		1968	211.		
		1970	288.		
		1971	272.		
		1972	435.		
		1973	599.		
		1974	441.		
		1975	302.		
		1976	933.		
		1977	391.		
62 25	D-20-12-01	1960	296.		
		1961	291.		
		1962	359.		
		1963	772.		
		1964	599.		
		1965	706.		
		1966	56.		
		1967	354.		
		1968	104.		
		1970	382.		
		1971	463.		
		1972	735.		
		1973	844.		
		1974	497.		
		1975	300.		
		1976	1012.		
		1977	501.		
		1978	163.		
62 26	D-20-13-06	1960	367.		
		1961	857.		
		1962	348.		
		1963	927.		
		1964	927.		
		1965	894.		
		1966	893.		
		1967	3053.		
		1968	787.		
		1969	627.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
62 26	D-20-13-06	1970	1024.		
		1971	638.		
		1972	627.		
		1973	1752.		
		1974	1460.		
		1975	886.		
		1976	914.		
		1977	431.		
		1978	791.		
		1979	956.		
62 27	D-20-13-05	1967	31.		
		1970	68.		
		1971	27.		
		1973	66.		
		1976	50.		
		1979	32.		
63 24	D-20-12-11	1976	188.		
63 25	D-20-12-12	1960	962.		
		1964	112.		
		1970	7.		
		1972	67.		
		1973	30.		
63 26	D-20-13-07	1961	927.		
		1962	890.		
		1963	738.		
		1965	949.		
		1966	469.		
		1967	760.		
		1968	576.		
		1969	343.		
		1970	618.		
		1971	931.		
		1972	362.		
		1973	643.		
		1974	451.		
		1975	373.		
		1976	346.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
63 26	D-20-13-07	1977	548.		
		1978	296.		
		1979	7.		
64 25	D-20-12-13	1960	34.		
		1963	34.		
		1966	80.		
		1967	34.		
		1969	31.		
		1970	61.		
		1971	47.		
		1972	95.		
		1973	108.		
		1974	103.		
64 26	D-20-13-18	1960	510.		
		1961	396.		
		1962	559.		
		1963	477.		
		1964	620.		
		1965	379.		
		1966	82.		
		1968	125.		
		1969	273.		
		1970	138.		
		1971	407.		
		1972	259.		
		1973	251.		
		1974	229.		
65 26	D-20-13-19	1960	788.		
		1961	804.		
		1962	814.		
		1963	970.		
		1964	532.		
		1965	547.		
		1968	443.		
		1969	454.		
		1970	296.		
		1971	367.		
		1972	644.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
65 26	D-20-13-19	1973	955.		
		1974	662.		
		1975	326.		
66 26	D-20-13-30	1960	728.		
		1961	527.		
		1962	784.		
		1963	815.		
		1964	686.		
		1965	773.		
		1966	307.		
		1968	161.		
		1969	614.		
		1970	296.		
		1971	457.		
		1972	761.		
		1973	821.		
		1974	329.		
		1975	290.		
		1976	862.		
		1977	132.		
		1978	124.		
		1979	203.		
66 27	D-20-13-29	1979	72.		
67 26	D-20-13-31	1960	359.		
		1961	353.		
		1962	500.		
		1963	436.		
		1964	510.		
		1965	454.		
		1966	175.		
		1967	396.		
		1968	241.		
		1969	334.		
		1970	305.		
		1971	264.		
		1972	363.		
		1973	378.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
67 26	D-20-13-31	1974	346.		
		1975	488.		
		1976	473.		
		1977	938.		
		1978	459.		
		1979	427.		
67 27	D-20-13-32	1967	58.		
		1970	89.		
		1971	64.		
		1973	112.		
		1976	62.		
		1978	153.		
		1979	25.		
68 26	D-21-13-06	1960	656.		
68 27	D-21-13-05	1961	40.		
		1962	181.		
		1967	244.		
		1971	112.		
69 26	D-21-13-07	1973	7.		
69 27	D-21-13-08	1960	213.		
		1961	117.		
		1962	201.		
		1963	24.		
		1964	4.		
		1970	364.		
		1971	12.		
		1972	27.		
70 26	D-21-13-18	1963	46.		
		1965	57.		
		1966	19.		
		1967	17.		
		1971	31.		
		1973	35.		
		1977	44.		
70 27	D-21-13-17	1960	839.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
70 27	D-21-13-17	1961	705.		
		1962	686.		
		1963	731.		
		1964	830.		
		1965	896.		
		1966	488.		
		1967	656.		
		1968	313.		
		1969	573.		
		1970	782.		
		1971	379.		
		1972	163.		
		1973	798.		
		1974	1053.		
		1975	768.		
		1976	1231.		
		1977	660.		
		1978	787.		
		1979	683.		
71 26	D-21-13-19	1960	243.		
		1961	367.		
		1962	513.		
		1963	301.		
		1964	222.		
		1965	415.		
		1966	175.		
		1967	274.		
		1968	456.		
		1969	300.		
		1970	46.		
		1971	326.		
		1972	258.		
		1973	550.		
		1974	674.		
		1975	182.		
		1976	503.		
		1978	386.		
		1979	252.		

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
71 27	D-21-13-20	1960	234.		
		1961	376.		
		1962	410.		
		1963	546.		
		1964	476.		
		1965	445.		
		1966	436.		
		1967	571.		
		1968	420.		
		1969	831.		
		1970	548.		
		1971	421.		
		1972	339.		
		1973	991.		
		1974	664.		
		1975	536.		
		1976	981.		
		1977	269.		
		1978	705.		
		1979	567.		
72 26	D-21-13-30	1960	251.		
		1961	158.		
		1962	602.		
		1963	380.		
		1964	429.		
		1965	559.		
		1966	509.		
		1967	489.		
		1968	227.		
		1969	94.		
		1970	179.		
		1971	709.		
		1972	266.		
		1973	583.		
		1974	436.		
		1975	244.		
		1979	135.		
72 27	D-21-13-29	1960	459.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
72 27	D-21-13-29	1961	43.		
		1962	401.		
		1963	407.		
		1964	461.		
		1965	167.		
		1966	663.		
		1967	349.		
		1968	274.		
		1969	409.		
		1970	428.		
		1971	480.		
		1972	454.		
		1973	454.		
		1974	354.		
		1975	435.		
		1976	443.		
		1977	443.		
		1978	488.		
		1979	308.		
73 26	D-21-13-31	1960	474.		
		1961	127.		
		1962	455.		
		1963	281.		
		1964	438.		
		1965	281.		
		1966	179.		
		1967	288.		
		1968	266.		
		1969	394.		
		1970	277.		
		1971	177.		
		1972	353.		
		1973	300.		
		1974	237.		
		1975	371.		
		1976	492.		
		1977	139.		
		1978	337.		

TABLE 2.

PUMPAGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-1979)	AGR.	MUN.	IND.
73 26	0-21-13-31	1979	664.		

ARIZONA DEPARTMENT OF WATER RESOURCES

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 2A

AGRICULTURAL PUMPAGE ESTIMATED USING CONSUMPTIVE-USE

YEAR	TOTAL AGRICULTURAL PUMPAGE (AF)	PERCENT REPORTED	PERCENT ESTIMATED USING CONSUMPTIVE-USE
1960	169,566	35%	65%
1961	174,205	38	62
1962	170,590	46	54
1963	163,603	43	57
1964	167,917	39	61
1965	174,499	42	58
1966	140,715	37	63
1967	179,312	36	64
1968	164,720	41	59
1969	186,920	45	55
1970	193,422	44	56
1971	176,991	42	58
1972	170,743	44	56
1973	191,009	43	57
1974	209,805	47	53
1975	212,136	55	45
1976	201,625	53	47
1977	231,904	79	21
1978	148,798	49	51
1979	144,281	53	47

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
02 19	0-10-11-018	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
02 33	0-10-14-06	1960			322.	
		1961			322.	
		1962			322.	
		1963			322.	
		1964			322.	
		1965			322.	
		1966			322.	
		1967			322.	
		1968			322.	
		1969			322.	
		1970			322.	
		1971			322.	
		1972			322.	
		1973			322.	
		1974			322.	
		1975			322.	
		1976			322.	
		1977			322.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
02 33	D-10-14-06	1978			322.	
		1979			322.	
03 03	D-10-09-06C	1960			333.	
		1961			333.	
		1962			333.	
		1963			333.	
		1964			333.	
		1965			333.	
		1966			333.	
		1967			333.	
		1968			333.	
		1969			333.	
		1970			333.	
		1971			333.	
		1972			333.	
		1973			333.	
		1974			333.	
		1975			333.	
		1976			333.	
		1977			333.	
		1978			333.	
		1979			333.	
03 04	D-10-09-05C	1960			416.	
		1961			416.	
		1962			416.	
		1963			416.	
		1964			416.	
		1965			416.	
		1966			416.	
		1967			416.	
		1968			416.	
		1969			416.	
		1970			416.	
		1971			416.	
		1972			416.	
		1973			416.	
		1974			416.	
		1975			416.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
03 04	0-10-09-05C	1976			416.	
		1977			416.	
		1978			416.	
		1979			416.	
03 19	0-10-11-12B	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
03 33	0-10-14-07	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
03 33	D-10-14-07	1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
03 38	D-10-14-12	1960			400.	
		1961			400.	
		1962			400.	
		1963			400.	
		1964			400.	
		1965			400.	
		1966			400.	
		1967			400.	
		1968			400.	
		1969			400.	
		1970			400.	
		1971			400.	
		1972			400.	
		1973			400.	
		1974			400.	
		1975			400.	
		1976			400.	
		1977			400.	
		1978			400.	
		1979			400.	
04 03	D-10-09-07C	1960			105.	
		1961			105.	
		1962			105.	
		1963			105.	
		1964			105.	
		1965			105.	
		1966			105.	
		1967			105.	
		1968			105.	
		1969			105.	
		1970			105.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
04 03	D-10-09-07C	1971			105.	
		1972			105.	
		1973			105.	
		1974			105.	
		1975			105.	
		1976			105.	
		1977			105.	
		1978			105.	
		1979			105.	
04 04	D-10-09-08C	1960			333.	
		1961			333.	
		1962			333.	
		1963			333.	
		1964			333.	
		1965			333.	
		1966			333.	
		1967			333.	
		1968			333.	
		1969			333.	
		1970			333.	
		1971			333.	
		1972			333.	
		1973			333.	
		1974			333.	
		1975			333.	
		1976			333.	
		1977			333.	
		1978			333.	
		1979			333.	
04 05	D-10-09-09C	1960			166.	
		1961			166.	
		1962			166.	
		1963			166.	
		1964			166.	
		1965			166.	
		1966			166.	
		1967			166.	
		1968			166.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
04 05	D-10-09-09C	1969			166.	
		1970			166.	
		1971			166.	
		1972			166.	
		1973			166.	
		1974			166.	
		1975			166.	
		1976			166.	
		1977			166.	
		1978			166.	
		1979			166.	
04 19	D-10-11-13B	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
04 32	D-10-13-13	1960			50.	
		1961			50.	
		1962			50.	
		1963			50.	
		1964			50.	
		1965			50.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
04 32	D-10-13-13	1966			50.	
		1967			50.	
		1968			50.	
		1969			50.	
		1970			50.	
		1971			50.	
		1972			50.	
		1973			50.	
		1974			50.	
		1975			50.	
		1976			50.	
		1977			50.	
		1978			50.	
		1979			50.	
04 33	D-10-14-18	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
04 38	D-10-14-13	1960			472.	
		1961			472.	
		1962			472.	
		1963			472.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
04 38	D-10-14-13	1964			472.	
		1965			472.	
		1966			472.	
		1967			472.	
		1968			472.	
		1969			472.	
		1970			472.	
		1971			472.	
		1972			472.	
		1973			472.	
		1974			472.	
		1975			472.	
		1976			472.	
		1977			472.	
		1978			472.	
		1979			472.	
05 04	D-10-09-17C	1960			105.	
		1961			105.	
		1962			105.	
		1963			105.	
		1964			105.	
		1965			105.	
		1966			105.	
		1967			105.	
		1968			105.	
		1969			105.	
		1970			105.	
		1971			105.	
		1972			105.	
		1973			105.	
		1974			105.	
		1975			105.	
		1976			105.	
		1977			105.	
		1978			105.	
		1979			105.	
05 05	D-10-09-16C	1960			416.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
05 05	D-10-09-16C	1961			416.	
		1962			416.	
		1963			416.	
		1964			416.	
		1965			416.	
		1966			416.	
		1967			416.	
		1968			416.	
		1969			416.	
		1970			416.	
		1971			416.	
		1972			416.	
		1973			416.	
		1974			416.	
		1975			416.	
		1976			416.	
		1977			416.	
		1978			416.	
		1979			416.	
05 06	D-10-09-15C	1960			333.	
		1961			333.	
		1962			333.	
		1963			333.	
		1964			333.	
		1965			333.	
		1966			333.	
		1967			333.	
		1968			333.	
		1969			333.	
		1970			333.	
		1971			333.	
		1972			333.	
		1973			333.	
		1974			333.	
		1975			333.	
		1976			333.	
		1977			333.	
		1978			333.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
05 06	0-10-09-15C	1979			333.	
05 19	0-10-11-24B	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
05 32	0-10-13-24	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
05 32	0-10-13-24	1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
05 33	0-10-14-19	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
05 38	0-10-14-24	1960			540.	
		1961			540.	
		1962			540.	
		1963			540.	
		1964			540.	
		1965			540.	
		1966			540.	
		1967			540.	
		1968			540.	
		1969			540.	
		1970			540.	
		1971			540.	
		1972			540.	
		1973			540.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
C5 38	D-10-14-24	1974			540.	
		1975			540.	
		1976			540.	
		1977			540.	
		1978			540.	
		1979			540.	
C6 C6	D-10-09-27A	1960			440.	
		1961			440.	
		1962			440.	
		1963			440.	
		1964			440.	
		1965			440.	
		1966			440.	
		1967			440.	
		1968			440.	
		1969			440.	
		1970			440.	
		1971			440.	
		1972			440.	
		1973			440.	
		1974			440.	
		1975			440.	
		1976			440.	
		1977			440.	
		1978			440.	
		1979			440.	
C6 C7	D-10-09-23C	1960			500.	
		1961			500.	
		1962			500.	
		1963			500.	
		1964			500.	
		1965			500.	
		1966			500.	
		1967			500.	
		1968			500.	
		1969			500.	
		1970			500.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
06 07	D-10-09-23C	1971			500.	
		1972			500.	
		1973			500.	
		1974			500.	
		1975			500.	
		1976			500.	
		1977			500.	
		1978			500.	
		1979			500.	
06 08	D-10-09-24C	1960			125.	
		1961			125.	
		1962			125.	
		1963			125.	
		1964			125.	
		1965			125.	
		1966			125.	
		1967			125.	
		1968			125.	
		1969			125.	
		1970			125.	
		1971			125.	
		1972			125.	
		1973			125.	
		1974			125.	
		1975			125.	
		1976			125.	
		1977			125.	
		1978			125.	
		1979			125.	
06 19	D-10-11-25B	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
06 19	0-10-11-25B	1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
06 32	0-10-13-25	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
06 33	0-10-14-30	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
06 33	D-10-14-30	1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
06 38	D-10-14-25	1960			600.	
		1961			600.	
		1962			600.	
		1963			600.	
		1964			600.	
		1965			600.	
		1966			600.	
		1967			600.	
		1968			600.	
		1969			600.	
		1970			600.	
		1971			600.	
		1972			600.	
		1973			600.	
		1974			600.	
		1975			600.	
		1976			600.	
		1977			600.	
		1978			600.	
		1979			600.	
07 07	D-10-09-26C	1960			107.	
		1961			107.	
		1962			107.	
		1963			107.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
07 07	D-10-09-26C	1964			107.	
		1965			107.	
		1966			107.	
		1967			107.	
		1968			107.	
		1969			107.	
		1970			107.	
		1971			107.	
		1972			107.	
		1973			107.	
		1974			107.	
		1975			107.	
		1976			107.	
		1977			107.	
		1978			107.	
		1979			107.	
07 08	D-10-09-25C	1960			500.	
		1961			500.	
		1962			500.	
		1963			500.	
		1964			500.	
		1965			500.	
		1966			500.	
		1967			500.	
		1968			500.	
		1969			500.	
		1970			500.	
		1971			500.	
		1972			500.	
		1973			500.	
		1974			500.	
		1975			500.	
		1976			500.	
		1977			500.	
		1978			500.	
		1979			500.	
07 19	D-10-11-36B	1960			100.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
07 19	D-10-11-36B	1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
07 32	D-10-13-36	1960			50.	
		1961			50.	
		1962			50.	
		1963			50.	
		1964			50.	
		1965			50.	
		1966			50.	
		1967			50.	
		1968			50.	
		1969			50.	
		1970			50.	
		1971			50.	
		1972			50.	
		1973			50.	
		1974			50.	
		1975			50.	
		1976			50.	
		1977			50.	
		1978			50.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
07 32	D-10-13-36	1979			50.	
07 33	D-10-14-31	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
07 37	D-10-14-35	1960			320.	
		1961			320.	
		1962			320.	
		1963			320.	
		1964			320.	
		1965			320.	
		1966			320.	
		1967			320.	
		1968			320.	
		1969			320.	
		1970			320.	
		1971			320.	
		1972			320.	
		1973			320.	
		1974			320.	
		1975			320.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
07 07	D-10-14-35	1976			320.	
		1977			320.	
		1978			320.	
		1979			320.	
08 08	D-10-10-310	1960			55.	
		1961			55.	
		1962			55.	
		1963			55.	
		1964			55.	
		1965			55.	
		1966			55.	
		1967			55.	
		1968			55.	
		1969			55.	
		1970			55.	
		1971			55.	
		1972			55.	
		1973			55.	
		1974			55.	
		1975			55.	
		1976			55.	
		1977			55.	
		1978			55.	
		1979			55.	
08 09	D-11-10-05	1960			583.	
		1961			583.	
		1962			583.	
		1963			583.	
		1964			583.	
		1965			583.	
		1966			583.	
		1967			583.	
		1968			583.	
		1969			583.	
		1970			583.	
		1971			583.	
		1972			583.	
		1973			583.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
08 09	D-11-10-05	1974			583.	
		1975			583.	
		1976			583.	
		1977			583.	
		1978			583.	
		1979			583.	
08 11	D-11-10-03	1962	175.			
		1963	227.			
		1964	189.			
		1965	75.			
		1966	88.			
		1967	77.			
		1968	122.			
		1969	127.			
		1970	109.			
		1971	98.			
		1972	149.			
		1973	157.			
		1974	135.			
		1975	135.			
		1976	131.			
		1977	175.			
		1978	147.			
		1979	163.			
08 12	D-11-10-02	1962	155.			
		1963	147.			
		1964	129.			
		1965	214.			
		1966	259.			
		1967	215.			
		1968	317.			
		1969	342.			
		1970	281.			
		1971	177.			
		1972	208.			
		1973	213.			
		1974	185.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
08 12	0-11-10-02	1975	185.			
		1976	181.			
		1977	242.			
		1978	202.			
		1979	224.			
08 13	0-11-10-01	1962	143.			
		1963	135.			
		1964	119.			
		1965	196.			
		1966	238.			
		1967	198.			
		1968	293.			
		1969	316.			
		1970	259.			
		1971	164.			
		1972	192.			
		1973	197.			
		1974	171.			
		1975	93.			
		1976	167.			
		1977	223.			
		1978	186.			
		1979	207.			
08 14	0-11-11-06	1977	20.			
08 20	0-11-12-06	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
08 20	D-11-12-06	1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
08 33	D-11-14-05	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
08 36	D-11-14-02	1960			400.	
		1961			400.	
		1962			400.	
		1963			400.	
		1964			400.	
		1965			400.	
		1966			400.	
		1967			400.	
		1968			400.	
		1969			400.	
		1970			400.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
08 36	D-11-14-02	1971			400.	
		1972			400.	
		1973			400.	
		1974			400.	
		1975			400.	
		1976			400.	
		1977			400.	
		1978			400.	
		1979			400.	
09 06	D-11-09-11	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	
		1979			110.	
09 07	D-11-09-12	1960			52.	
		1961			52.	
		1962			52.	
		1963			52.	
		1964			52.	
		1965			52.	
		1966			52.	
		1967			52.	
		1968			52.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
09 07	D-11-09-12	1969			52.	
		1970			52.	
		1971			52.	
		1972			52.	
		1973			52.	
		1974			52.	
		1975			52.	
		1976			52.	
		1977			52.	
		1978			52.	
		1979			52.	
09 08	D-11-10-07	1960			44.	
		1961			44.	
		1962			44.	
		1963			44.	
		1964			44.	
		1965			44.	
		1966			44.	
		1967			44.	
		1968			44.	
		1969			44.	
		1970			44.	
		1971			44.	
		1972			44.	
		1973			44.	
		1974			44.	
		1975			44.	
		1976			44.	
		1977			44.	
		1978			44.	
		1979			44.	
09 10	D-11-10-09	1960			500.	
		1961			500.	
		1962			500.	
		1963			500.	
		1964			500.	
		1965			500.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
09 10	0-11-10-09	1966			500.	
		1967			500.	
		1968			500.	
		1969			500.	
		1970			500.	
		1971			500.	
		1972			500.	
		1973			500.	
		1974			500.	
		1975			500.	
		1976			500.	
		1977	649.		500.	
		1978			500.	
		1979			500.	
09 11	0-11-10-10	1962	531.			
		1963	432.			
		1964	255.			
		1965	263.			
		1966	277.			
		1967	360.			
		1968	478.			
		1969	545.			
		1970	451.			
		1971	482.			
		1972	510.			
		1973	536.			
		1974	652.			
		1975	570.			
		1976	718.			
		1977	570.			
		1978	508.			
		1979	436.			
09 12	0-11-10-11	1962	449.			
		1963	432.			
		1964	365.			
		1965	453.			
		1966	524.			
		1967	712.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
09 12	0-11-10-11	1968	668.			
		1969	715.			
		1970	570.			
		1971	374.			
		1972	548.			
		1973	470.			
		1974	441.			
		1975	559.			
		1976	369.			
		1977	389.			
		1978	307.			
		1979	309.			
09 13	0-11-10-12	1962	428.			
		1963	461.			
		1964	384.			
		1965	436.			
		1966	602.			
		1967	420.			
		1968	577.			
		1969	604.			
		1970	474.			
		1971	531.			
		1972	454.			
		1973	356.			
		1974	444.			
		1975	627.			
		1976	639.			
		1977	578.			
		1978	598.			
		1979	516.			
09 14	0-11-11-07	1962	361.			
		1963	335.			
		1964	431.			
		1965	329.			
		1966	197.			
		1967	262.			
		1968	642.			

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
C9 14	D-11-11-07	1969	427.			
		1970	353.			
		1971	378.			
		1972	400.			
		1973	420.			
		1974	511.			
		1975	446.			
		1976	502.			
		1977	448.			
		1978	399.			
		1979	343.			
C9 20	D-11-12-07	1960			200.	
		1961			200.	
		1962			200.	
		1963			200.	
		1964			200.	
		1965			200.	
		1966			200.	
		1967			200.	
		1968			200.	
		1969			200.	
		1970			200.	
		1971			200.	
		1972			200.	
		1973			200.	
		1974			200.	
		1975			200.	
		1976			200.	
		1977			200.	
		1978			200.	
		1979			200.	
C9 33	D-11-14-08	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
09 33	D-11-14-08	1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
09 35	D-11-14-10	1973	30.			
		1974	32.			
		1975	30.			
		1976	35.			
		1977	38.			
09 36	D-11-14-11	1960			479.	
		1961			479.	
		1962			479.	
		1963			479.	
		1964			479.	
		1965			479.	
		1966			479.	
		1967			479.	
		1968			479.	
		1969			479.	
		1970			479.	
		1971			479.	
		1972			479.	
		1973			479.	
		1974			479.	
		1975			479.	
		1976			479.	
		1977			479.	
		1978			479.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
09 36	D-11-14-11	1979			479.	
10 06	D-11-09-14	1960			52.	
		1961			52.	
		1962			52.	
		1963			52.	
		1964			52.	
		1965			52.	
		1966			52.	
		1967			52.	
		1968			52.	
		1969			52.	
		1970			52.	
		1971			52.	
		1972			52.	
		1973			52.	
		1974			52.	
		1975			52.	
		1976			52.	
		1977			52.	
		1978			52.	
		1979			52.	
10 09	D-11-10-17	1960			44.	
		1961			44.	
		1962			44.	
		1963			44.	
		1964			44.	
		1965			44.	
		1966			44.	
		1967			44.	
		1968			44.	
		1969			44.	
		1970			44.	
		1971			44.	
		1972			44.	
		1973			44.	
		1974			44.	
		1975			44.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
10 09	D-11-10-17	1976			44.	
		1977			44.	
		1978			44.	
		1979			44.	
10 10	D-11-10-16	1960			105.	
		1961			105.	
		1962			105.	
		1963			105.	
		1964			105.	
		1965			105.	
		1966			105.	
		1967			105.	
		1968			105.	
		1969			105.	
		1970			105.	
		1971			105.	
		1972			105.	
		1973			105.	
		1974			105.	
		1975			105.	
		1976			105.	
		1977			105.	
		1978			105.	
		1979			105.	
10 11	D-11-10-15	1960			500.	
		1961			500.	
		1962			500.	
		1963			500.	
		1964			500.	
		1965			500.	
		1966			500.	
		1967			500.	
		1968			500.	
		1969			500.	
		1970			500.	
		1971			500.	
		1972			500.	
		1973			500.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
10 11	D-11-10-15	1974			500.	
		1975			500.	
		1976			500.	
		1977			757.	
		1978			525.	
		1979			525.	
10 12	D-11-10-14	1960			425.	
		1961			425.	
		1962			535.	
		1963			524.	
		1964			522.	
		1965			567.	
		1966			598.	
		1967			568.	
		1968			565.	
		1969			602.	
		1970			510.	
		1971			544.	
		1972			632.	
		1973			568.	
		1974			605.	
		1975			650.	
		1976			544.	
		1977			579.	
		1978			533.	
		1979			817.	
10 13	D-11-10-13	1962	783.			
		1963	529.			
		1964	340.			
		1965	448.			
		1966	544.			
		1967	451.			
		1968	441.			
		1969	589.			
		1970	321.			
		1971	374.			
		1972	506.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I.D.	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
10 13	D-11-10-13	1973	453.			
		1974	572.			
		1975	532.			
		1976	390.			
		1977	409.			
		1978	317.			
		1979	474.			
10 14	D-11-11-18	1962	509.			
		1963	607.			
		1964	335.			
		1965	380.			
		1966	361.			
		1967	426.			
		1968	462.			
		1969	602.			
		1970	312.			
		1971	326.			
		1972	344.			
		1973	295.			
		1974	410.			
		1975	411.			
		1976	804.			
		1977	642.			
		1978	400.			
		1979	396.			
10 15	D-11-11-17	1962	613.			
		1963	255.			
		1964	325.			
		1965	250.			
		1966	295.			
		1967	212.			
		1968	375.			
		1969	372.			
		1970	284.			
		1971	301.			
		1972	313.			
		1973	424.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
10 15	D-11-11-17	1974	657.			
		1975	784.			
		1976	522.			
		1977	539.			
		1978	426.			
		1979	390.			
10 16	D-11-11-16	1962	49.			
		1963	70.			
		1964	45.			
		1965	61.			
		1966	74.			
		1967	61.			
		1968	62.			
		1969	42.			
		1970	88.			
		1971	181.			
		1972	59.			
		1973	53.			
		1974	880.			
		1975	106.			
		1976	104.			
		1978	71.			
		1979	71.			
10 21	D-11-12-17	1960			200.	
		1961			200.	
		1962			200.	
		1963			200.	
		1964			200.	
		1965			200.	
		1966			200.	
		1967			200.	
		1968			200.	
		1969			200.	
		1970			200.	
		1971			200.	
		1972			200.	
		1973			200.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
10 21	D-11-12-17	1974			200.	
		1975			200.	
		1976			200.	
		1977			200.	
		1978			200.	
		1979			200.	
10 22	D-11-12-18	1960			400.	
		1961			400.	
		1962			400.	
		1963			400.	
		1964			400.	
		1965			400.	
		1966			400.	
		1967			400.	
		1968			400.	
		1969			400.	
		1970			400.	
		1971			400.	
		1972			400.	
		1973			400.	
		1974			400.	
		1975			400.	
		1976			400.	
		1977			400.	
		1978			400.	
		1979			400.	
10 33	D-11-14-17	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
10 33	D-11-14-17	1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
10 35	D-11-14-15	1960			60.	
		1961			60.	
		1962			60.	
		1963			60.	
		1964			60.	
		1965			60.	
		1966			60.	
		1967			60.	
		1968			60.	
		1969			60.	
		1970			60.	
		1971			60.	
		1972			60.	
		1973			60.	
		1974			60.	
		1975			60.	
		1976			60.	
		1977			60.	
		1978			60.	
		1979			60.	
10 36	D-11-14-14	1960			420.	
		1961			420.	
		1962			420.	
		1963			420.	
		1964			420.	
		1965			420.	
		1966			420.	
		1967			420.	
		1968			420.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
10 36	D-11-14-14	1969			420.	
		1970			420.	
		1971			420.	
		1972			420.	
		1973			420.	
		1974			420.	
		1975			420.	
		1976			420.	
		1977			420.	
		1978			420.	
		1979			420.	
11 10	D-11-10-21	1960			66.	
		1961			66.	
		1962			66.	
		1963			66.	
		1964			66.	
		1965			66.	
		1966			66.	
		1967			66.	
		1968			66.	
		1969			66.	
		1970			66.	
		1971			66.	
		1972			66.	
		1973			66.	
		1974			66.	
		1975			66.	
		1976			66.	
		1977			66.	
		1978			66.	
		1979			66.	
11 11	D-11-10-22	1977	740.			
11 12	D-11-10-23	1960			378.	
		1961			378.	
		1962			378.	
		1963			378.	
		1964			378.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
11 12	D-11-10-23	1965			378.	
		1966			378.	
		1967			378.	
		1968			378.	
		1969			378.	
		1970			378.	
		1971			378.	
		1972			378.	
		1973			378.	
		1974			378.	
		1975			378.	
		1976			378.	
		1977			559.	
		1978			378.	
		1979			378.	
11 13	D-11-10-24	1960			472.	
		1961			472.	
		1962	137.		472.	
		1963	175.		472.	
		1964	180.		472.	
		1965	142.		472.	
		1966	81.		472.	
		1967	107.		472.	
		1968	95.		472.	
		1969	122.		472.	
		1970	55.		472.	
		1971	138.		472.	
		1972	127.		472.	
		1973	150.		472.	
		1974	175.		472.	
		1975	165.		472.	
		1976	153.		472.	
		1977	493.		472.	
		1978	121.	245.	472.	
		1979	91.	633.	472.	
11 14	D-11-11-19	1960			94.	
		1961			94.	
		1962	444.		94.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
11 14	C-11-11-19	1963	366.		94.	
		1964	436.		94.	
		1965	437.		94.	
		1966	452.		94.	
		1967	408.		94.	
		1968	509.		94.	
		1969	400.		94.	
		1970	498.		94.	
		1971	560.		94.	
		1972	408.		94.	
		1973	456.		94.	
		1974	759.		94.	
		1975	704.		94.	
		1976	694.		94.	
		1977	466.		94.	
		1978	552.		94.	
		1979	558.		94.	
11 15	C-11-11-20	1962	591.			
		1963	526.			
		1964	548.			
		1965	393.			
		1966	368.			
		1967	444.			
		1968	502.			
		1969	686.			
		1970	447.			
		1971	350.			
		1972	454.			
		1973	521.			
		1974	717.			
		1975	816.			
		1976	584.			
		1977	692.			
		1978	450.			
		1979	435.			
11 16	C-11-11-21	1962	348.			
		1963	272.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
11 16	D-11-11-21	1964	383.			
		1965	443.			
		1966	324.			
		1967	376.			
		1968	838.			
		1969	252.			
		1970	517.			
		1971	364.			
		1972	443.			
		1973	305.			
		1974	391.			
		1975	466.			
		1976	384.			
		1977	362.			
		1978	265.			
		1979	416.			
11 17	D-11-11-22	1962	28.			
		1963	114.			
		1964	25.			
		1965	29.			
		1966	16.			
		1967	38.			
		1968	22.			
		1969	109.			
		1970	17.			
		1971	21.			
		1972	13.			
		1973	25.			
		1974	156.			
		1975	32.			
		1976	38.			
		1977	31.			
		1978	19.			
		1979	15.			
11 23	D-11-12-22	1960			200.	
		1961			200.	
		1962			200.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
11 23	D-11-12-22	1963			200.	
		1964			200.	
		1965			200.	
		1966			200.	
		1967			200.	
		1968			200.	
		1969			200.	
		1970			200.	
		1971			200.	
		1972			200.	
		1973			200.	
		1974			200.	
		1975			200.	
		1976			200.	
		1977			200.	
		1978			200.	
		1979			200.	
11 24	D-11-12-23	1960			400.	
		1961			400.	
		1962			400.	
		1963			400.	
		1964			400.	
		1965			400.	
		1966			400.	
		1967			400.	
		1968			400.	
		1969			400.	
		1970			400.	
		1971			400.	
		1972			400.	
		1973			400.	
		1974			400.	
		1975			400.	
		1976			400.	
		1977			400.	
		1978			400.	
		1979			400.	
11 33	D-11-14-26	1960			85.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
11 33	D-11-14-20	1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
11 34	D-11-14-21	1960			34.	
		1961			34.	
		1962			34.	
		1963			34.	
		1964			34.	
		1965			34.	
		1966			34.	
		1967			34.	
		1968			34.	
		1969			34.	
		1970			34.	
		1971			34.	
		1972			34.	
		1973			34.	
		1974			34.	
		1975			34.	
		1976			34.	
		1977			34.	
		1978			34.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
11 34	D-11-14-21	1979			34.	
11 35	D-11-14-22	1960			370.	
		1961			370.	
		1962			370.	
		1963			370.	
		1964			370.	
		1965			370.	
		1966			370.	
		1967			370.	
		1968			370.	
		1969			370.	
		1970			370.	
		1971			370.	
		1972			370.	
		1973			370.	
		1974			370.	
		1975			370.	
		1976			370.	
		1977			370.	
		1978			370.	
		1979			370.	
12 11	D-11-10-27	1960			66.	
		1961			66.	
		1962			66.	
		1963			66.	
		1964			66.	
		1965			66.	
		1966			66.	
		1967			66.	
		1968			66.	
		1969			66.	
		1970			66.	
		1971			66.	
		1972			66.	
		1973			66.	
		1974			66.	
		1975			66.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
12 11	D-11-10-27	1976			66.	
		1977			66.	
		1978			66.	
		1979			66.	
12 12	D-11-10-26	1960			20.	
		1961			20.	
		1962			20.	
		1963			20.	
		1964			20.	
		1965			20.	
		1966			20.	
		1967			20.	
		1968			20.	
		1969			20.	
		1970			20.	
		1971			20.	
		1972			20.	
		1973			20.	
		1974			20.	
		1975			20.	
		1976			20.	
		1977			393.	
		1978			20.	
		1979			20.	
12 14	D-11-11-30	1960			661.	
		1961			661.	
		1962			661.	
		1963			661.	
		1964			661.	
		1965			661.	
		1966			661.	
		1967			661.	
		1968			661.	
		1969			661.	
		1970			661.	
		1971			661.	
		1972			661.	
		1973			661.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
12 14	D-11-11-30	1974			661.	
		1975			661.	
		1976			661.	
		1977			661.	
		1978		1738.	661.	
		1979		1738.	661.	
12 15	D-11-11-29	1960			94.	
		1961			94.	
		1962			94.	
		1963			94.	
		1964			94.	
		1965			94.	
		1966			94.	
		1967			94.	
		1968			94.	
		1969			94.	
		1970			94.	
		1971			94.	
		1972			94.	
		1973			94.	
		1974			94.	
		1975			94.	
		1976			94.	
		1977			94.	
		1978			94.	
		1979			94.	
12 16	D-11-11-28	1962	501.			
		1963	473.			
		1964	565.			
		1965	556.			
		1966	449.			
		1967	427.			
		1968	471.			
		1969	1169.			
		1970	535.			
		1971	368.			
		1972	464.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
12 16	D-11-11-28	1973	583.			
		1974	558.			
		1975	704.			
		1976	625.			
		1977	808.			
		1978	420.			
		1979	498.			
12 17	D-11-11-27	1962	410.			
		1963	473.			
		1964	355.			
		1965	405.			
		1966	314.			
		1967	330.			
		1968	342.			
		1969	290.			
		1970	444.			
		1971	199.			
		1972	385.			
		1973	500.			
		1974	390.			
		1975	396.			
		1976	326.			
		1977	289.			
		1978	180.			
		1979	211.			
12 18	D-11-11-26	1962	433.			
		1963	475.			
		1964	380.			
		1965	408.			
		1966	369.			
		1967	388.			
		1968	349.			
		1969	325.			
		1970	198.			
		1971	359.			
		1972	315.			
		1973	418.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
12 18	D-11-11-28	1974	437.			
		1975	404.			
		1976	795.			
		1977	333.			
		1978	116.			
		1979	495.			
12 25	D-11-12-25	1960			400.	
		1961			400.	
		1962			400.	
		1963			400.	
		1964			400.	
		1965			400.	
		1966			400.	
		1967			400.	
		1968			400.	
		1969			400.	
		1970			400.	
		1971			400.	
		1972			400.	
		1973			400.	
		1974			400.	
		1975			400.	
		1976			400.	
		1977			400.	
		1978			400.	
		1979			400.	
12 28	D-11-13-28	1960			20.	
		1961			20.	
		1962			20.	
		1963			20.	
		1964			20.	
		1965			20.	
		1966			20.	
		1967			20.	
		1968			20.	
		1969			20.	
		1970			20.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	MAT.	IND.
12 28	D-11-13-28	1971			20.	
		1972			20.	
		1973			20.	
		1974			20.	
		1975			20.	
		1976			20.	
		1977			20.	
		1978			20.	
		1979			20.	
12 29	D-11-13-27	1960			30.	
		1961			30.	
		1962			30.	
		1963			30.	
		1964			30.	
		1965			30.	
		1966			30.	
		1967			30.	
		1968			30.	
		1969			30.	
		1970			30.	
		1971			30.	
		1972			30.	
		1973			30.	
		1974			30.	
		1975			30.	
		1976			30.	
		1977			30.	
		1978			30.	
		1979			30.	
12 30	D-11-13-26	1960			50.	
		1961			50.	
		1962			50.	
		1963			50.	
		1964			50.	
		1965			50.	
		1966			50.	
		1967			50.	
		1968			50.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
12 30	D-11-13-26	1969			50.	
		1970			50.	
		1971			50.	
		1972			50.	
		1973			50.	
		1974			50.	
		1975			50.	
		1976			50.	
		1977			50.	
		1978			50.	
		1979			50.	
12 31	D-11-13-25	1960			60.	
		1961			60.	
		1962			60.	
		1963			60.	
		1964			60.	
		1965			60.	
		1966			60.	
		1967			60.	
		1968			60.	
		1969			60.	
		1970			60.	
		1971			60.	
		1972			60.	
		1973			60.	
		1974			60.	
		1975			60.	
		1976			60.	
		1977			60.	
		1978			60.	
		1979			60.	
12 32	D-11-14-30	1960			51.	
		1961			51.	
		1962			51.	
		1963			51.	
		1964			51.	
		1965			51.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
12 32	D-11-14-30	1966			51.	
		1967			51.	
		1968			51.	
		1969			51.	
		1970			51.	
		1971			51.	
		1972			51.	
		1973			51.	
		1974			51.	
		1975			51.	
		1976			51.	
		1977			51.	
		1978			51.	
		1979			51.	
12 33	D-11-14-29	1960			34.	
		1961			34.	
		1962			34.	
		1963			34.	
		1964			34.	
		1965			34.	
		1966			34.	
		1967			34.	
		1968			34.	
		1969			34.	
		1970			34.	
		1971			34.	
		1972			34.	
		1973			34.	
		1974			34.	
		1975			34.	
		1976			34.	
		1977			34.	
		1978			34.	
		1979			34.	
12 34	D-11-14-28	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
12 34	D-11-14-28	1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
12 35	D-11-14-27	1960			426.	
		1961			426.	
		1962			426.	
		1963			426.	
		1964			426.	
		1965			426.	
		1966			426.	
		1967			426.	
		1968			426.	
		1969			426.	
		1970			426.	
		1971			426.	
		1972			426.	
		1973			426.	
		1974			426.	
		1975			426.	
		1976			426.	
		1977			426.	
		1978			426.	
		1979			426.	
13 12	D-11-10-35	1960			55.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
13 12	D-11-10-35	1961			55.	
		1962			55.	
		1963			55.	
		1964			55.	
		1965			55.	
		1966			55.	
		1967			55.	
		1968			55.	
		1969			55.	
		1970			55.	
		1971			55.	
		1972			55.	
		1973			55.	
		1974			55.	
		1975			55.	
		1976			55.	
		1977			55.	
		1978			55.	
		1979			55.	
13 13	D-11-10-36	1960			55.	
		1961			55.	
		1962			55.	
		1963			55.	
		1964			55.	
		1965			55.	
		1966			55.	
		1967			55.	
		1968			55.	
		1969			55.	
		1970			55.	
		1971			55.	
		1972			55.	
		1973			55.	
		1974			55.	
		1975			55.	
		1976			55.	
		1977			55.	
		1978			55.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I.D.	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
13 13	D-11-10-36	1979			55.	
13 14	D-11-11-31	1977	212.			
13 15	D-11-11-32	1960			472.	
		1961			472.	
		1962			472.	
		1963			472.	
		1964			472.	
		1965			472.	
		1966			472.	
		1967			472.	
		1968			472.	
		1969			472.	
		1970			472.	
		1971			472.	
		1972			472.	
		1973			472.	
		1974			472.	
		1975			472.	
		1976			472.	
		1977		832.	472.	
		1978		1448.	472.	
		1979		1448.	472.	
13 16	D-11-11-33	1960			567.	
		1961			567.	
		1962	54.		567.	
		1963	68.		567.	
		1964	69.		567.	
		1965	69.		567.	
		1966	60.		567.	
		1967	66.		567.	
		1968	69.		567.	
		1969	72.		567.	
		1970	49.		567.	
		1971	41.		567.	
		1972	49.		567.	
		1973	33.		567.	
		1974	158.		567.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
13 16	D-11-11-33	1975	46.	850.	567.	
		1976	47.		567.	
		1977	25.	1448.	567.	
		1978	35.	1448.	567.	
		1979	48.	1448.	567.	
13 17	D-11-11-34	1962	214.			
		1963	271.			
		1964	278.			
		1965	278.			
		1966	241.			
		1967	263.			
		1968	277.			
		1969	288.			
		1970	255.			
		1971	165.			
		1972	175.			
		1973	130.			
		1974	189.			
		1975	185.			
		1976	187.			
		1977	101.			
		1978	137.			
		1979	643.			
13 18	D-11-11-35	1962	507.			
		1963	382.			
		1964	345.			
		1965	399.			
		1966	378.			
		1967	426.			
		1968	467.			
		1969	532.			
		1970	384.			
		1971	330.			
		1972	394.			
		1973	355.			
		1974	415.			
		1975	488.			
		1976	530.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
13 18	D-11-11-35	1977	453.			
		1978	321.			
		1979	360.			
13 19	D-11-11-36	1962	299.			
		1963	304.			
		1964	251.			
		1965	232.			
		1966	183.			
		1967	167.			
		1968	136.			
		1969	185.			
		1970	133.			
		1971	143.			
		1972	143.			
		1973	133.			
		1974	183.			
		1975	127.			
		1976	157.			
		1977	141.			
		1978	148.			
		1979	161.			
13 26	D-11-13-31	1960			200.	
		1961			200.	
		1962			200.	
		1963			200.	
		1964			200.	
		1965			200.	
		1966			200.	
		1967			200.	
		1968			200.	
		1969			200.	
		1970			200.	
		1971			200.	
		1972			200.	
		1973			200.	
		1974			200.	
		1975			200.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
13 26	D-11-13-31	1976			200.	
		1977			200.	
		1978			200.	
		1979			200.	
13 27	D-11-13-32	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
13 32	D-11-14-31	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
13 32	D-11-14-31	1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
13 33	D-11-14-32	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
13 34	D-11-14-33	1960			279.	
		1961			279.	
		1962			279.	
		1963			279.	
		1964			279.	
		1965			279.	
		1966			279.	
		1967			279.	
		1968			279.	
		1969			279.	
		1970			279.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

MODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
13 34	D-11-14-33	1971			279.	
		1972			279.	
		1973			279.	
		1974			279.	
		1975			279.	
		1976			279.	
		1977			279.	
		1978			279.	
		1979			279.	
13 35	D-11-14-34	1960			500.	
		1961			500.	
		1962			500.	
		1963			500.	
		1964			500.	
		1965			500.	
		1966			500.	
		1967			500.	
		1968			500.	
		1969			500.	
		1970			500.	
		1971			500.	
		1972			500.	
		1973			500.	
		1974			500.	
		1975			500.	
		1976			500.	
		1977			500.	
		1978			500.	
		1979			500.	
14 10	D-12-10-04	1977	255.			
14 14	D-12-11-06	1960			55.	
		1961			55.	
		1962			55.	
		1963			55.	
		1964			55.	
		1965			55.	
		1966			55.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
14 14	C-12-11-06	1967			55.	
		1968			55.	
		1969			55.	
		1970			55.	
		1971			55.	
		1972			55.	
		1973			55.	
		1974			55.	
		1975			55.	
		1976			55.	
		1977			161.	
		1978			55.	
		1979			55.	
14 16	C-12-11-04	1977	244.			
14 17	C-12-11-03	1960			472.	
		1961			472.	
		1962			472.	
		1963			472.	
		1964			472.	
		1965			472.	
		1966			472.	
		1967			472.	
		1968			472.	
		1969			472.	
		1970			472.	
		1971			472.	
		1972		478.	472.	
		1973		953.	472.	
		1974		590.	472.	
		1975		1448.	472.	
		1976			472.	
		1977		1827.	472.	
		1978		1448.	472.	
		1979		1448.	472.	
14 18	C-12-11-02	1960			472.	
		1961			472.	
		1962			472.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
14 18	D-12-11-C2	1963			472.	
		1964			472.	
		1965			472.	
		1966			472.	
		1967			472.	
		1968			472.	
		1969			472.	
		1970		370.	472.	
		1971		816.	472.	
		1972		1448.	472.	
		1973		1448.	472.	
		1974		1448.	472.	
		1975		1448.	472.	
		1976			472.	
		1977		1448.	472.	
		1978		1448.	472.	
		1979		1448.	472.	
14 19	D-12-11-C1	1960			567.	
		1961			567.	
		1962	232.		567.	
		1963	231.		567.	
		1964	257.		567.	
		1965	564.		567.	
		1966	175.		567.	
		1967	225.		567.	
		1968	230.	326.	567.	
		1969	230.	652.	567.	
		1970	237.	724.		
		1971	183.	724.		
		1972	183.	724.		
		1973	171.	724.		
		1974	243.	724.		
		1975	295.	724.		
		1976	290.	724.		
		1977	229.	724.		
		1978	187.	724.		
		1979	205.	724.		
14 20	D-12-12-C6	1962	218.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
14 20	D-12-12-06	1963	234.			
		1964	417.			
		1965	210.			
		1966	145.			
		1967	191.			
		1968	194.			
		1969	223.			
		1970	189.			
		1971	161.			
		1972	176.			
		1973	163.			
		1974	195.			
		1975	237.			
		1976	233.			
		1977	198.			
		1978	149.			
		1979	161.			
14 32	D-12-14-06	1960			34.	
		1961			34.	
		1962			34.	
		1963			34.	
		1964			34.	
		1965			34.	
		1966			34.	
		1967			34.	
		1968			34.	
		1969			34.	
		1970			34.	
		1971			34.	
		1972			34.	
		1973			34.	
		1974			34.	
		1975			34.	
		1976			34.	
		1977			34.	
		1978			34.	
		1979			34.	
14 33	D-12-14-05	1960			677.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
14 33	D-12-14-05	1961			677.	
		1962			677.	
		1963			677.	
		1964			677.	
		1965			677.	
		1966			677.	
		1967			677.	
		1968			677.	
		1969			677.	
		1970			677.	
		1971			677.	
		1972			677.	
		1973			677.	
		1974			677.	
		1975			677.	
		1976			677.	
		1977			677.	
		1978			677.	
		1979			677.	
15 08	D-12-10-07	1977	229.			
15 12	D-12-10-11	1977	347.			
15 13	D-12-10-12	1977	320.			
15 14	D-12-11-07	1960			22.	
		1961			22.	
		1962			22.	
		1963			22.	
		1964			22.	
		1965			22.	
		1966			22.	
		1967			22.	
		1968			22.	
		1969			22.	
		1970			22.	
		1971			22.	
		1972			22.	
		1973			22.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
15 14	D-12-11-07	1974			22.	
		1975			22.	
		1976			22.	
		1977	139.		22.	
		1978			22.	
		1979			22.	
15 15	D-12-11-08	1960			33.	
		1961			33.	
		1962			33.	
		1963			33.	
		1964			33.	
		1965			33.	
		1966			33.	
		1967			33.	
		1968			33.	
		1969			33.	
		1970			33.	
		1971			33.	
		1972			33.	
		1973			33.	
		1974			33.	
		1975			33.	
		1976			33.	
		1977			35.	
		1978			33.	
		1979			33.	
15 16	D-12-11-09	1977	254.			
15 19	D-12-11-12	1977	288.			
15 20	D-12-12-07	1960	185.		473.	
		1961	185.		473.	
		1962	185.		473.	
		1963	185.		473.	
		1964	185.		473.	
		1965	185.		473.	
		1966	185.		473.	
		1967	185.	305.	473.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
15 20	D-12-12-07	1968	190.	1086.	473.	
		1969	190.	1086.	473.	
		1970	190.	1086.		
		1971	190.	1086.		
		1972	190.	1086.		
		1973	190.	1086.		
		1974	190.	1086.		
		1975	190.	1086.		
		1976	190.	971.		
		1977	190.	1086.		
		1978	190.	1086.		
		1979	190.	1086.		
15 21	D-12-12-08	1960			190.	
		1961			190.	
		1962	372.		190.	
		1963	352.		190.	
		1964			190.	
		1965	278.		190.	
		1966	290.		190.	
		1967	301.	1086.	190.	
		1968	369.	1086.	190.	
		1969	397.	1086.	190.	
		1970	165.	1086.		
		1971	113.	1086.		
		1972	113.	1086.		
		1973	266.	1086.		
		1974	352.	1086.		
		1975	303.	1086.		
		1976	552.	1086.		
		1977	166.	1086.		
		1978	68.	1086.		
		1979	73.	1086.		
15 22	D-12-12-09	1973	154.			
		1976	179.			
		1977	183.			
		1978	176.			
15 31	D-12-13-12	1960			85.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
15 31	D-12-13-12	1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
15 32	D-12-14-07	1960			626.	
		1961			626.	
		1962			626.	
		1963			626.	
		1964			626.	
		1965			626.	
		1966			626.	
		1967			626.	
		1968			626.	
		1969			626.	
		1970			626.	
		1971			626.	
		1972			626.	
		1973			626.	
		1974			626.	
		1975			626.	
		1976			626.	
		1977			626.	
		1978			626.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
15 32	D-12-14-07	1979			626.	
16 12	D-12-10-14	1977	109.			
16 14	D-12-11-18	1977	285.			
16 15	D-12-11-17	1960			33.	
		1961			33.	
		1962			33.	
		1963			33.	
		1964			33.	
		1965			33.	
		1966			33.	
		1967			33.	
		1968			33.	
		1969			33.	
		1970			33.	
		1971			33.	
		1972			33.	
		1973			33.	
		1974			33.	
		1975			33.	
		1976			33.	
		1977	159.		33.	
		1978			33.	
		1979			33.	
16 16	D-12-11-16	1977	608.			
16 17	D-12-11-15	1977	340.			
16 19	D-12-11-13	1977	278.			
16 22	D-12-12-16	1960	39.		266.	
		1961	39.		266.	
		1962	39.		266.	
		1963	39.		266.	
		1964	39.		266.	
		1965	39.	169.	266.	
		1966	39.	845.	266.	
		1967	39.	1303.	266.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
16 22	D-12-12-16	1968	39.	1303.	266.	
		1969	39.	1303.	266.	
		1970	164.	1303.		
		1971	145.	1303.		
		1972	120.	1303.		
		1973	40.	1303.		
		1974	40.	1303.		
		1975	40.	1303.		
		1976	40.	1303.		
		1977	40.	1303.		
		1978	167.	1303.		
		1979	140.	1303.		
16 30	D-12-13-14	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			91.	
		1973			96.	
		1974			93.	
		1975			92.	
		1976			94.	
		1977			85.	
		1978			85.	
		1979			85.	
16 31	D-12-13-13	1960			279.	
		1961			279.	
		1962			279.	
		1963			279.	
		1964			279.	
		1965			279.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
16 31	D-12-13-13	1966			279.	
		1967			279.	
		1968			279.	
		1969			279.	
		1970			280.	
		1971			280.	
		1972			280.	
		1973			280.	
		1974			280.	
		1975			280.	
		1976			280.	
		1977			280.	
		1978			280.	
		1979			280.	
17 09	D-12-10-20	1977	384.			
17 12	D-12-10-23	1977	371.			
17 13	D-12-10-24	1977	225.			
17 14	D-12-11-19	1960			33.	
		1961			33.	
		1962			33.	
		1963			33.	
		1964			33.	
		1965			33.	
		1966			33.	
		1967			33.	
		1968			33.	
		1969			33.	
		1970			33.	
		1971			33.	
		1972			33.	
		1973			33.	
		1974			33.	
		1975			33.	
		1976			33.	
		1977			33.	
		1978			33.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
17 14	D-12-11-19	1979			33.	
17 15	D-12-11-20	1960			22.	
		1961			22.	
		1962			22.	
		1963			22.	
		1964			22.	
		1965			22.	
		1966			22.	
		1967			22.	
		1968			22.	
		1969			22.	
		1970			22.	
		1971			22.	
		1972			22.	
		1973			22.	
		1974			22.	
		1975			22.	
		1976			22.	
		1977	997.		22.	
		1978			22.	
		1979			22.	
17 22	D-12-12-21	1960			38.	
		1961			38.	
		1962			38.	
		1963		224.	38.	
		1964		312.	38.	
		1965		652.	38.	
		1966		652.	38.	
		1967		652.	38.	
		1968		652.	38.	
		1969		652.	38.	
		1970		652.		
		1971	124.	652.		
		1972	237.	652.		
		1973		652.		
		1974		652.		
		1975		652.		

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
17 22	D-12-12-21	1976		652.		
		1977		652.		
		1978	177.	652.		
		1979	140.	652.		
17 23	D-12-12-22	1960			228.	
		1961			228.	
		1962		482.	228.	
		1963		543.	228.	
		1964		543.	228.	
		1965		543.	228.	
		1966		543.	228.	
		1967		543.	228.	
		1968		543.	228.	
		1969		543.	228.	
		1970		543.		
		1971		543.		
		1972		543.		
		1973	31.	543.		
		1974	38.	543.		
		1975	55.	543.		
		1976	43.	543.		
		1977	74.	543.		
		1978		543.		
		1979		543.		
17 26	D-12-13-19	1977		130.		
		1978		136.		
		1979		107.		
17 29	D-12-13-22	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
17 29	D-12-13-22	1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
17 31	D-12-13-24	1960			279.	
		1961			279.	
		1962			279.	
		1963			279.	
		1964			279.	
		1965			279.	
		1966			279.	
		1967			279.	
		1968			279.	
		1969			279.	
		1970			279.	
		1971			279.	
		1972			279.	
		1973			279.	
		1974			279.	
		1975			279.	
		1976			279.	
		1977			279.	
		1978			279.	
		1979			279.	
18 11	D-12-10-27	1977	239.			
18 13	D-12-10-29	1977	194.			
18 14	D-12-11-30	1960			55.	
		1961			55.	
		1962			55.	
		1963			55.	
		1964			55.	
		1965			55.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
18 14	D-12-11-30	1966			55.	
		1967			55.	
		1968			55.	
		1969			55.	
		1970			55.	
		1971			55.	
		1972			55.	
		1973			55.	
		1974			55.	
		1975			55.	
		1976			55.	
		1977			55.	
		1978			55.	
		1979			55.	
18 23	D-12-12-27	1960		58.	228.	
		1961		758.	228.	
		1962		1285.	228.	
		1963		1285.	228.	
		1964		1285.	228.	
		1965		1285.	228.	
		1966		1285.	228.	
		1967		1285.	228.	
		1968		1285.	228.	
		1969		1285.	228.	
		1970		1285.		
		1971		1285.		
		1972		1285.		
		1973		1285.		
		1974		1285.		
		1975		1285.		
		1976		1285.		
		1977		1285.		
		1978	110.	1285.		
		1979	85.	1285.		
18 24	D-12-12-26	1960		453.	30.	
		1961		453.	30.	
		1962	465.	453.	30.	
		1963	354.	453.	30.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
18 24	D-12-12-26	1964	300.	453.	30.	
		1965	1111.	453.	30.	
		1966	362.	453.	30.	
		1967	701.	453.	30.	
		1968	623.	453.	30.	
		1969	923.	453.	30.	
		1970		453.		
		1971	444.	453.		
		1972	456.	453.		
		1973	113.	453.		
		1974		453.		
		1975		453.		
		1976		453.		
		1977		453.		
		1978	22.	453.		
		1979	17.	453.		
18 25	D-12-12-25	1970	124.			
		1971	76.			
		1972	59.			
		1974	37.			
		1975	29.			
18 27	D-12-13-29	1973	16.			
18 28	D-12-13-28	1960			85.	
		1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
18 28	D-12-13-28	1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
18 31	D-12-13-25	1960			279.	
		1961			279.	
		1962			279.	
		1963			279.	
		1964			279.	
		1965			279.	
		1966			279.	
		1967			279.	
		1968			279.	
		1969			279.	
		1970			279.	
		1971			279.	
		1972			279.	
		1973			279.	
		1974			279.	
		1975			279.	
		1976			279.	
		1977			279.	
		1978			279.	
		1979			279.	
19 08	D-12-10-31	1960			26.	
		1961			26.	
		1962			26.	
		1963			26.	
		1964			26.	
		1965			26.	
		1966			26.	
		1967			26.	
		1968			26.	
		1969			26.	
		1970			26.	
		1971			26.	
		1972			26.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	MAT.	IND.
19 08	D-12-10-31	1973			26.	
		1974			26.	
		1975			26.	
		1976			26.	
		1977			26.	
		1978			26.	
		1979			26.	
19 14	D-12-11-31	1960			55.	
		1961			55.	
		1962			55.	
		1963			55.	
		1964			55.	
		1965			55.	
		1966			55.	
		1967			55.	
		1968			55.	
		1969			55.	
		1970			55.	
		1971			55.	
		1972			55.	
		1973			55.	
		1974			55.	
		1975			55.	
		1976			55.	
		1977			55.	
		1978			55.	
		1979			55.	
19 19	D-12-11-36	1960			50.	
		1961			50.	
		1962			50.	
		1963			50.	
		1964			50.	
		1965			50.	
		1966			50.	
		1967			50.	
		1968			50.	
		1969			50.	
		1970			50.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
19 19	D-12-11-36	1971			50.	
		1972			50.	
		1973			50.	
		1974			50.	
		1975			50.	
		1976			50.	
		1977			50.	
		1978			50.	
		1979			50.	
19 23	D-12-12-34	1974	39.			
		1976	68.			
		1977	52.			
19 24	D-12-12-35	1960		1086.	247.	
		1961		1086.	247.	
		1962		1086.	247.	
		1963		1086.	247.	
		1964		1086.	247.	
		1965		1086.	247.	
		1966		1086.	247.	
		1967		1086.	247.	
		1968		1086.	247.	
		1969		1086.	247.	
		1970		1086.		
		1971		1086.		
		1972		1086.		
		1973	17.	1086.		
		1974	25.	1086.		
		1975		1086.		
		1976	63.	1086.		
		1977	49.	1086.		
		1978		1086.		
		1979		1086.		
19 25	D-12-12-36	1978	19.			
		1979	15.			
19 26	D-12-13-31	1973	16.			
19 27	D-12-13-32	1960			85.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
19 27	D-12-13-32	1961			85.	
		1962			85.	
		1963			85.	
		1964			85.	
		1965			85.	
		1966			85.	
		1967			85.	
		1968			85.	
		1969			85.	
		1970			85.	
		1971			85.	
		1972			85.	
		1973			85.	
		1974			85.	
		1975			85.	
		1976			85.	
		1977			85.	
		1978			85.	
		1979			85.	
19 28	D-12-13-33	1960			34.	
		1961			34.	
		1962			34.	
		1963			34.	
		1964			34.	
		1965			34.	
		1966			34.	
		1967			34.	
		1968			34.	
		1969			34.	
		1970			34.	
		1971			34.	
		1972			34.	
		1973			34.	
		1974			34.	
		1975			34.	
		1976			34.	
		1977			34.	
		1978			34.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
19 28	D-12-13-33	1979			34.	
19 32	D-12-14-31	1960			558.	
		1961			558.	
		1962			558.	
		1963			558.	
		1964			558.	
		1965			558.	
		1966			558.	
		1967			558.	
		1968			558.	
		1969			558.	
		1970			558.	
		1971			558.	
		1972			558.	
		1973			558.	
		1974			558.	
		1975			558.	
		1976			558.	
		1977			558.	
		1978			558.	
		1979			558.	
20 08	D-13-10-06	1960			26.	
		1961			26.	
		1962			26.	
		1963			26.	
		1964			26.	
		1965			26.	
		1966			26.	
		1967			26.	
		1968			26.	
		1969			26.	
		1970			26.	
		1971			26.	
		1972			26.	
		1973			26.	
		1974			26.	
		1975			26.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MIN.	MAT.	IND.
20 08	D-13-10-06	1976			26.	
		1977			26.	
		1978			26.	
		1979			26.	
20 10	D-13-10-04	1977	603.			
20 14	D-13-11-06	1960			55.	
		1961			55.	
		1962			55.	
		1963			55.	
		1964			55.	
		1965			55.	
		1966			55.	
		1967			55.	
		1968			55.	
		1969			55.	
		1970			55.	
		1971			55.	
		1972			55.	
		1973			55.	
		1974			55.	
		1975			55.	
		1976			55.	
		1977			55.	
		1978			55.	
		1979			55.	
20 19	D-13-11-01	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
20 19	D-13-11-01	1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
20 25	D-13-12-01	1960		1266.	247.	
		1961		1266.	247.	
		1962		1266.	247.	
		1963		1266.	247.	
		1964		1266.	247.	
		1965		1266.	247.	
		1966		1266.	247.	
		1967		1266.	247.	
		1968		1266.	247.	
		1969		1266.	247.	
		1970		1266.		
		1971		1266.		
		1972		1266.		
		1973		1266.		
		1974		1266.		
		1975		1266.		
		1976		1266.		
		1977		1266.		
		1978		1266.		
		1979		1266.		
20 26	D-13-13-06	1960		181.	85.	
		1961		181.	85.	
		1962		181.	85.	
		1963		181.	85.	
		1964		181.	85.	
		1965		181.	85.	
		1966		181.	85.	
		1967		181.	85.	
		1968		181.	85.	
		1969		181.	85.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
20 26	D-13-13-06	1970		181.		
		1971		181.		
		1972		181.		
		1973		181.		
		1974		181.		
		1975		181.		
		1976		181.		
		1977		181.		
		1978		181.		
		1979		181.		
20 30	D-13-13-02	1973	40.			
		1974	41.			
		1975	26.			
		1976	25.			
		1977	25.			
20 33	D-13-14-05	1960			363.	
		1961			363.	
		1962			363.	
		1963			363.	
		1964			363.	
		1965			363.	
		1966			363.	
		1967			363.	
		1968			363.	
		1969			363.	
		1970			363.	
		1971			363.	
		1972			363.	
		1973			363.	
		1974			363.	
		1975			363.	
		1976			363.	
		1977			363.	
		1978			363.	
		1979			363.	
20 34	D-13-14-04	1960			363.	
		1961			363.	
		1962			363.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
20 34	D-13-14-04	1963			363.	
		1964			363.	
		1965			363.	
		1966			363.	
		1967			363.	
		1968			363.	
		1969			363.	
		1970			363.	
		1971			363.	
		1972			363.	
		1973			363.	
		1974			363.	
		1975			363.	
		1976			363.	
		1977			363.	
		1978			363.	
		1979			363.	
20 35	D-13-14-03	1960			363.	
		1961			363.	
		1962			363.	
		1963			363.	
		1964			363.	
		1965			363.	
		1966			363.	
		1967			363.	
		1968			363.	
		1969			363.	
		1970			363.	
		1971			363.	
		1972			363.	
		1973			363.	
		1974			363.	
		1975			363.	
		1976			363.	
		1977			363.	
		1978			363.	
		1979			363.	
20 36	D-13-14-02	1960			363.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
20 36	D-13-14-02	1961			363.	
		1962			363.	
		1963			363.	
		1964			363.	
		1965			363.	
		1966			363.	
		1967			363.	
		1968			363.	
		1969			363.	
		1970			363.	
		1971			363.	
		1972			363.	
		1973			363.	
		1974			363.	
		1975			363.	
		1976			363.	
		1977			363.	
		1978			363.	
		1979			363.	
20 37	D-13-14-01	1960			558.	
		1961			558.	
		1962			558.	
		1963			558.	
		1964			558.	
		1965			558.	
		1966			558.	
		1967			558.	
		1968			558.	
		1969			558.	
		1970			558.	
		1971			558.	
		1972			558.	
		1973			558.	
		1974			558.	
		1975			558.	
		1976			558.	
		1977			558.	
		1978			558.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
20 37	D-13-14-01	1979			558.	
21 09	D-13-10-08	1977	165.			
21 10	D-13-10-09	1977	628.			
21 14	D-13-11-07	1960			55.	
		1961			55.	
		1962			55.	
		1963			55.	
		1964			55.	
		1965			55.	
		1966			55.	
		1967			55.	
		1968			55.	
		1969			55.	
		1970			55.	
		1971			55.	
		1972			55.	
		1973			55.	
		1974			55.	
		1975			55.	
		1976			55.	
		1977	230.		55.	
		1978			55.	
		1979			55.	
21 17	D-13-11-10	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
21 17	D-13-11-10	1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
21 26	D-13-13-07	1960		1086.	304.	
		1961		1086.	304.	
		1962		1086.	304.	
		1963		1086.	304.	
		1964		1086.	304.	
		1965		1086.	304.	
		1966		1086.	304.	
		1967		1086.	304.	
		1968		1086.	304.	
		1969		1086.	304.	
		1970		1086.		
		1971		1086.		
		1972		1086.		
		1973		1086.		
		1974		1086.		
		1975		1086.		
		1976		1086.		
		1977		1086.		
		1978		1086.		
		1979		1086.		
21 27	D-13-13-08	1960			228.	
		1961			228.	
		1962			228.	
		1963			228.	
		1964			228.	
		1965			228.	
		1966			228.	
		1967			228.	
		1968			228.	
		1969			228.	
		1970			228.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
21 27	D-13-13-08	1971			228.	
		1972			228.	
		1973			228.	
		1974			228.	
		1975			228.	
		1976			228.	
		1977			228.	
		1978			228.	
		1979			228.	
21 28	D-13-13-09	1974	23.			
		1975	34.			
		1976	39.			
		1977	50.			
21 38	D-13-15-07	1960			363.	
		1961			363.	
		1962			363.	
		1963			363.	
		1964			363.	
		1965			363.	
		1966			363.	
		1967			363.	
		1968			363.	
		1969			363.	
		1970			363.	
		1971			363.	
		1972			363.	
		1973			363.	
		1974			363.	
		1975			363.	
		1976			363.	
		1977			363.	
		1978			363.	
		1979			363.	
21 39	D-13-15-08	1960			725.	
		1961			725.	
		1962			725.	
		1963			725.	
		1964			725.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
21 39	D-13-15-08	1965			725.	
		1966			725.	
		1967			725.	
		1968			725.	
		1969			725.	
		1970			725.	
		1971			725.	
		1972			725.	
		1973			725.	
		1974			725.	
		1975			725.	
		1976			725.	
		1977			725.	
		1978			725.	
		1979			725.	
22 10	D-13-10-16	1977	484.			
22 11	D-13-10-15	1977	194.			
22 12	D-13-10-14	1977	758.			
22 14	D-13-11-18	1960			146.	
		1961			146.	
		1962			146.	
		1963			146.	
		1964			146.	
		1965			146.	
		1966			146.	
		1967			146.	
		1968			146.	
		1969			146.	
		1970			146.	
		1971			146.	
		1972			146.	
		1973			146.	
		1974			146.	
		1975			146.	
		1976			146.	
		1977			146.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
22 14	D-13-11-18	1978			146.	
		1979			146.	
22 17	D-13-11-15	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	
		1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
22 26	D-13-13-18	1960		633.	76.	
		1961		633.	76.	
		1962		633.	76.	
		1963		633.	76.	
		1964		633.	76.	
		1965		633.	76.	
		1966		633.	76.	
		1967		633.	76.	
		1968		633.	76.	
		1969		633.	76.	
		1970		633.		
		1971		633.		
		1972		633.		
		1973		633.		
		1974		633.		
		1975		633.		

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

MODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
22 26	D-13-13-18	1976		633.		
		1977		633.		
		1978		633.		
		1979		633.		
22 27	D-13-13-17	1960		634.	152.	
		1961		634.	152.	
		1962		634.	152.	
		1963		634.	152.	
		1964		634.	152.	
		1965		634.	152.	
		1966		634.	152.	
		1967		634.	152.	
		1968		634.	152.	
		1969		634.	152.	
		1970		634.		
		1971		634.		
		1972		634.		
		1973		634.		
		1974		634.		
		1975		634.		
		1976		634.		
		1977		634.		
		1978		634.		
		1979		634.		
22 28	D-13-13-16	1960			190.	
		1961			190.	
		1962			190.	
		1963			190.	
		1964			190.	
		1965			190.	
		1966			190.	
		1967			190.	
		1968			190.	
		1969			190.	
		1970			190.	
		1971			190.	
		1972			190.	
		1973	21.		190.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
22 28	D-13-13-16	1974	64.		190.	
		1975	64.		190.	
		1976	48.		190.	
		1977	47.		190.	
		1978			190.	
		1979			190.	
22 40	D-13-15-16	1960			459.	
		1961			459.	
		1962			459.	
		1963			459.	
		1964			459.	
		1965			459.	
		1966			459.	
		1967			459.	
		1968			459.	
		1969			459.	
		1970			459.	
		1971			459.	
		1972			459.	
		1973			459.	
		1974			459.	
		1975			459.	
		1976			459.	
		1977			459.	
		1978			459.	
		1979			459.	
22 41	D-13-15-15	1960			240.	
		1961			240.	
		1962			240.	
		1963			240.	
		1964			240.	
		1965			240.	
		1966			240.	
		1967			240.	
		1968			240.	
		1969			240.	
		1970			240.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
22 41	D-13-15-15	1971			240.	
		1972			240.	
		1973			240.	
		1974			240.	
		1975			240.	
		1976			240.	
		1977			240.	
		1978			240.	
		1979			240.	
22 42	D-13-15-14	1960			240.	
		1961			240.	
		1962			240.	
		1963			240.	
		1964			240.	
		1965			240.	
		1966			240.	
		1967			240.	
		1968			240.	
		1969			240.	
		1970			240.	
		1971			240.	
		1972			240.	
		1973			240.	
		1974			240.	
		1975			240.	
		1976			240.	
		1977			240.	
		1978			240.	
		1979			240.	
22 43	D-13-15-13	1960			240.	
		1961			240.	
		1962			240.	
		1963			240.	
		1964			240.	
		1965			240.	
		1966			240.	
		1967			240.	
		1968			240.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
22 43	D-13-15-13	1969			240.	
		1970			240.	
		1971			240.	
		1972			240.	
		1973			240.	
		1974			240.	
		1975			240.	
		1976			240.	
		1977			240.	
		1978			240.	
		1979			240.	
22 44	D-13-16-18	1960			240.	
		1961			240.	
		1962			240.	
		1963			240.	
		1964			240.	
		1965			240.	
		1966			240.	
		1967			240.	
		1968			240.	
		1969			240.	
		1970			240.	
		1971			240.	
		1972			240.	
		1973			240.	
		1974			240.	
		1975			240.	
		1976			240.	
		1977			240.	
		1978			240.	
		1979			240.	
22 45	D-13-16-17	1960			240.	
		1961			240.	
		1962			240.	
		1963			240.	
		1964			240.	
		1965			240.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
22 45	D-13-16-17	1966			240.	
		1967			240.	
		1968			240.	
		1969			240.	
		1970			240.	
		1971			240.	
		1972			240.	
		1973			240.	
		1974			240.	
		1975			240.	
		1976			240.	
		1977			240.	
		1978			240.	
		1979			240.	
23 10	D-13-10-21	1977	25.			
23 11	D-13-10-22	1977	415.			
23 12	D-13-10-23	1977	264.			
23 13	D-13-10-24	1977	211.			
23 14	D-13-11-19	1960			146.	
		1961			146.	
		1962			146.	
		1963			146.	
		1964			146.	
		1965			146.	
		1966			146.	
		1967			146.	
		1968			146.	
		1969			146.	
		1970			146.	
		1971			146.	
		1972			146.	
		1973			146.	
		1974			146.	
		1975			146.	
		1976			146.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
23 14	D-13-11-19	1977			146.	
		1978			146.	
		1979			146.	
23 16	D-13-11-21	1960			50.	
		1961			50.	
		1962			50.	
		1963			50.	
		1964			50.	
		1965			50.	
		1966			50.	
		1967			50.	
		1968			50.	
		1969			50.	
		1970			50.	
		1971			50.	
		1972			50.	
		1973			50.	
		1974			50.	
		1975			50.	
		1976			50.	
		1977			50.	
		1978			50.	
		1979			50.	
23 27	D-13-13-20	1960		905.	228.	
		1961		905.	228.	
		1962		905.	228.	
		1963		905.	228.	
		1964		905.	228.	
		1965		905.	228.	
		1966		905.	228.	
		1967		905.	228.	
		1968		905.	228.	
		1969		905.	228.	
		1970		905.		
		1971		905.		
		1972		905.		
		1973		905.		
		1974		905.		

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
23 27	D-13-13-20	1975		905.		
		1976		905.		
		1977		905.		
		1978		905.		
		1979		905.		
23 29	D-13-13-22	1960			190.	
		1961			190.	
		1962			190.	
		1963			190.	
		1964			190.	
		1965			190.	
		1966			190.	
		1967			190.	
		1968			190.	
		1969			190.	
		1970			190.	
		1971			190.	
		1972			190.	
		1973			190.	
		1974			190.	
		1975			190.	
		1976			190.	
		1977			190.	
		1978			190.	
		1979			190.	
23 30	D-13-13-23	1960			190.	
		1961			190.	
		1962			190.	
		1963			190.	
		1964			190.	
		1965			190.	
		1966			190.	
		1967			190.	
		1968			190.	
		1969			190.	
		1970			190.	
		1971			190.	
		1972			190.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE No.	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
23 30	D-13-13-23	1973			194.	
		1974			194.	
		1975			194.	
		1976			194.	
		1977			190.	
		1978			190.	
		1979			190.	
23 31	D-13-13-24	1960			190.	
		1961			190.	
		1962			190.	
		1963			190.	
		1964			190.	
		1965			190.	
		1966			190.	
		1967			190.	
		1968			190.	
		1969			190.	
		1970			190.	
		1971			190.	
		1972			190.	
		1973			190.	
		1974			190.	
		1975			190.	
		1976			190.	
		1977			190.	
		1978			190.	
		1979			190.	
23 32	D-13-14-19	1960			190.	
		1961			190.	
		1962			190.	
		1963			190.	
		1964			190.	
		1965			190.	
		1966			190.	
		1967			190.	
		1968			190.	
		1969			190.	
		1970			190.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
23 32	D-13-14-19	1971			190.	
		1972			190.	
		1973			190.	
		1974			190.	
		1975			190.	
		1976			190.	
		1977			190.	
		1978			190.	
		1979			190.	
23 33	D-13-14-20	1960			190.	
		1961			190.	
		1962			190.	
		1963			190.	
		1964			190.	
		1965			190.	
		1966			190.	
		1967			190.	
		1968			190.	
		1969			190.	
		1970			190.	
		1971			190.	
		1972			190.	
		1973	23.		190.	
		1974	22.		190.	
		1975	25.		190.	
		1976	27.		190.	
		1977	20.		190.	
		1978			190.	
		1979			190.	
23 34	D-13-14-21	1960			30.	
		1961			30.	
		1962			30.	
		1963			30.	
		1964			30.	
		1965			30.	
		1966			30.	
		1967			30.	
		1968			30.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
23 34	D-13-14-21	1969			30.	
		1970			30.	
		1971			30.	
		1972			30.	
		1973			30.	
		1974			30.	
		1975			30.	
		1976			30.	
		1977			30.	
		1978			30.	
		1979			30.	
23 36	D-13-14-23	1974	13.			
23 40	D-13-15-21	1960			90.	
		1961			90.	
		1962			90.	
		1963			90.	
		1964			90.	
		1965			90.	
		1966			90.	
		1967			90.	
		1968			90.	
		1969			90.	
		1970			90.	
		1971			90.	
		1972			90.	
		1973			90.	
		1974			90.	
		1975			90.	
		1976			90.	
		1977			90.	
		1978			90.	
		1979			90.	
23 41	D-13-15-22	1960			90.	
		1961			90.	
		1962			90.	
		1963			90.	
		1964			90.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
23 41	D-13-15-22	1965			90.	
		1966			90.	
		1967			90.	
		1968			90.	
		1969			90.	
		1970			90.	
		1971			90.	
		1972			90.	
		1973			90.	
		1974			90.	
		1975			90.	
		1976			90.	
		1977			90.	
		1978			90.	
		1979			90.	
23 44	D-13-16-19	1960			36.	
		1961			36.	
		1962			36.	
		1963			36.	
		1964			36.	
		1965			36.	
		1966			36.	
		1967			36.	
		1968			36.	
		1969			36.	
		1970			36.	
		1971			36.	
		1972			36.	
		1973			36.	
		1974			36.	
		1975			36.	
		1976			36.	
		1977			36.	
		1978			36.	
		1979			36.	
23 45	D-13-16-20	1960			336.	
		1961			336.	
		1962			336.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
23 45	D-13-16-20	1963			336.	
		1964			336.	
		1965			336.	
		1966			336.	
		1967			336.	
		1968			336.	
		1969			336.	
		1970			336.	
		1971			336.	
		1972			336.	
		1973			336.	
		1974			336.	
		1975			336.	
		1976			336.	
		1977			336.	
		1978			336.	
		1979			336.	
24 13	D-13-10-25	1977	553.			
24 14	D-13-11-30	1960			146.	
		1961			146.	
		1962			146.	
		1963			146.	
		1964			146.	
		1965			146.	
		1966			146.	
		1967			146.	
		1968			146.	
		1969			146.	
		1970			146.	
		1971			146.	
		1972			146.	
		1973			146.	
		1974			146.	
		1975			146.	
		1976			146.	
		1977			146.	
		1978			146.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
24 14	D-13-11-30	1979			146.	
24 16	D-13-11-28	1960			50.	
		1961			50.	
		1962			50.	
		1963			50.	
		1964			50.	
		1965			50.	
		1966			50.	
		1967			50.	
		1968			50.	
		1969			50.	
		1970			50.	
		1971			50.	
		1972			50.	
		1973			50.	
		1974			50.	
		1975			50.	
		1976			50.	
		1977			50.	
		1978			50.	
		1979			50.	
24 28	D-13-13-28	1960			266.	
		1961			266.	
		1962			266.	
		1963			266.	
		1964			266.	
		1965			266.	
		1966			266.	
		1967			266.	
		1968			266.	
		1969			266.	
		1970			266.	
		1971			266.	
		1972			266.	
		1973			266.	
		1974			266.	
		1975			266.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
24 28	D-13-13-28	1976			266.	
		1977		159.	266.	
		1978		516.	266.	
		1979		331.	266.	
24 34	D-13-14-28	1960			228.	
		1961			228.	
		1962			228.	
		1963			228.	
		1964			228.	
		1965			228.	
		1966			228.	
		1967			228.	
		1968			228.	
		1969			228.	
		1970			228.	
		1971			228.	
		1972			228.	
		1973	15.		228.	
		1974	17.		228.	
		1975	13.		228.	
		1976	11.		228.	
		1977	14.		228.	
		1978			228.	
		1979			228.	
24 35	D-13-14-27	1960			228.	
		1961			228.	
		1962			228.	
		1963			228.	
		1964			228.	
		1965			228.	
		1966			228.	
		1967			228.	
		1968			228.	
		1969			228.	
		1970			228.	
		1971			228.	
		1972			228.	
		1973	67.		228.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
24 35	D-13-14-27	1974	41.		228.	
		1975	32.		228.	
		1976			228.	
		1977			228.	
		1978			228.	
		1979			228.	
24 36	D-13-14-26	1960			190.	
		1961			190.	
		1962			190.	
		1963			190.	
		1964			190.	
		1965			190.	
		1966			190.	
		1967			190.	
		1968			190.	
		1969			190.	
		1970			190.	
		1971			190.	
		1972			190.	
		1973	33.		190.	
		1974	55.		190.	
		1975	58.		190.	
		1976	88.		190.	
		1977	90.		190.	
		1978			190.	
		1979			190.	
24 37	D-13-14-25	1960			286.	
		1961			286.	
		1962			286.	
		1963			286.	
		1964			286.	
		1965			286.	
		1966			286.	
		1967			286.	
		1968			286.	
		1969			286.	
		1970			286.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
24 37	D-13-14-25	1971			286.	
		1972			286.	
		1973			286.	
		1974			286.	
		1975			286.	
		1976			286.	
		1977			286.	
		1978			286.	
		1979			286.	
24 38	D-13-15-30	1960			180.	
		1961			180.	
		1962			180.	
		1963			180.	
		1964			180.	
		1965			180.	
		1966			180.	
		1967			180.	
		1968			180.	
		1969			180.	
		1970			180.	
		1971			180.	
		1972			180.	
		1973			180.	
		1974			180.	
		1975			180.	
		1976			180.	
		1977			180.	
		1978			180.	
		1979			180.	
24 40	D-13-15-28	1960			180.	
		1961			180.	
		1962			180.	
		1963			180.	
		1964			180.	
		1965			180.	
		1966			180.	
		1967			180.	
		1968			180.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
24 40	D-13-15-28	1969			180.	
		1970			180.	
		1971			180.	
		1972			180.	
		1973			180.	
		1974			180.	
		1975			180.	
		1976			180.	
		1977			180.	
		1978			180.	
		1979			180.	
24 44	D-13-16-30	1960			216.	
		1961			216.	
		1962			216.	
		1963			216.	
		1964			216.	
		1965			216.	
		1966			216.	
		1967			216.	
		1968			216.	
		1969			216.	
		1970			216.	
		1971			216.	
		1972			216.	
		1973			216.	
		1974			216.	
		1975			216.	
		1976			216.	
		1977			216.	
		1978			216.	
		1979			216.	
24 45	D-13-16-29	1960			120.	
		1961			120.	
		1962			120.	
		1963			120.	
		1964			120.	
		1965			120.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
24 46	D-13-16-29	1966			120.	
		1967			120.	
		1968			120.	
		1969			120.	
		1970			120.	
		1971			120.	
		1972			120.	
		1973			120.	
		1974			120.	
		1975			120.	
		1976			120.	
		1977			120.	
		1978			120.	
		1979			120.	
25 10	D-13-10-33	1977	242.			
25 13	D-13-10-36	1977	121.			
25 14	D-13-11-31	1960			66.	
		1961			66.	
		1962			66.	
		1963			66.	
		1964			66.	
		1965			66.	
		1966			66.	
		1967			66.	
		1968			66.	
		1969			66.	
		1970			66.	
		1971			66.	
		1972			66.	
		1973			66.	
		1974			66.	
		1975			66.	
		1976			66.	
		1977	475.		66.	
		1978			66.	
		1979			66.	
25 15	D-13-11-32	1960			66.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
25 15	D-13-11-32	1961			66.	
		1962			66.	
		1963			66.	
		1964			66.	
		1965			66.	
		1966			66.	
		1967			66.	
		1968			66.	
		1969			66.	
		1970			66.	
		1971			66.	
		1972			66.	
		1973			66.	
		1974			66.	
		1975			66.	
		1976			66.	
		1977			66.	
		1978			66.	
		1979			66.	
25 16	D-13-11-33	1960			50.	
		1961			50.	
		1962			50.	
		1963			50.	
		1964			50.	
		1965			50.	
		1966			50.	
		1967			50.	
		1968			50.	
		1969			50.	
		1970			50.	
		1971			50.	
		1972			50.	
		1973			50.	
		1974			50.	
		1975			50.	
		1976			50.	
		1977			50.	
		1978			50.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
25 16	D-13-11-33	1979			50.	
25 29	D-13-13-34	1960			228.	
		1961			228.	
		1962			228.	
		1963			228.	
		1964			228.	
		1965			228.	
		1966			228.	
		1967			228.	
		1968			228.	
		1969			228.	
		1970			228.	
		1971			228.	
		1972			228.	
		1973	24.		228.	
		1974	21.		228.	
		1975	21.		228.	
		1976	20.		228.	
		1977	20.		228.	
		1978			228.	
		1979			228.	
25 35	D-13-14-34	1973	61.			
		1974	36.			
		1975	18.			
		1976	30.			
		1977	15.			
25 36	D-13-14-35	1973	56.			
		1974	69.			
		1975	45.			
		1976	84.			
25 37	D-13-14-36	1960			174.	
		1961			174.	
		1962			174.	
		1963			174.	
		1964			174.	
		1965			174.	
		1966			174.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
25 37	D-13-14-36	1967			174.	
		1968			174.	
		1969			174.	
		1970			174.	
		1971			174.	
		1972			174.	
		1973			174.	
		1974			174.	
		1975			174.	
		1976			174.	
		1977			174.	
		1978			174.	
		1979			174.	
25 38	D-13-15-31	1960			29.	
		1961			29.	
		1962			29.	
		1963			29.	
		1964			29.	
		1965			29.	
		1966			29.	
		1967			29.	
		1968			29.	
		1969			29.	
		1970			29.	
		1971			29.	
		1972			29.	
		1973			29.	
		1974			29.	
		1975			29.	
		1976			29.	
		1977			29.	
		1978			29.	
		1979			29.	
25 39	D-13-15-32	1960			216.	
		1961			216.	
		1962			216.	
		1963			216.	
		1964			216.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
25 39	D-13-15-32	1965			216.	
		1966			216.	
		1967			216.	
		1968			216.	
		1969			216.	
		1970			216.	
		1971			216.	
		1972			216.	
		1973			216.	
		1974			216.	
		1975			216.	
		1976			216.	
		1977			216.	
		1978			216.	
		1979			216.	
25 40	D-13-15-33	1960			396.	
		1961			396.	
		1962			396.	
		1963			396.	
		1964			396.	
		1965			396.	
		1966			396.	
		1967			396.	
		1968			396.	
		1969			396.	
		1970			396.	
		1971			396.	
		1972			396.	
		1973	72.		396.	
		1974	71.		396.	
		1975	63.		396.	
		1976	62.		396.	
		1977	57.		396.	
		1978			396.	
		1979			396.	
25 41	D-13-15-34	1973	85.			
		1974	97.			
		1975	86.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	INC.
25 41	D-13-15-34	1976	59.			
		1977	51.			
25 42	D-13-15-35	1973	34.			
		1974	33.			
		1975	45.			
		1976	33.			
		1977	31.			
25 43	D-13-15-36	1960			180.	
		1961			180.	
		1962			180.	
		1963			180.	
		1964			180.	
		1965			180.	
		1966			180.	
		1967			180.	
		1968			180.	
		1969			180.	
		1970			180.	
		1971			180.	
		1972			180.	
		1973			180.	
		1974			180.	
		1975			180.	
		1976			180.	
		1977			180.	
		1978			180.	
		1979			180.	
25 44	D-13-16-31	1960			36.	
		1961			36.	
		1962			36.	
		1963			36.	
		1964			36.	
		1965			36.	
		1966			36.	
		1967			36.	
		1968			36.	
		1969			36.	
		1970			36.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
25 44	D-13-16-31	1971			36.	
		1972			36.	
		1973			36.	
		1974			36.	
		1975			36.	
		1976			36.	
		1977			36.	
		1978			36.	
		1979			36.	
25 46	D-13-16-33	1960			240.	
		1961			240.	
		1962			240.	
		1963			240.	
		1964			240.	
		1965			240.	
		1966			240.	
		1967			240.	
		1968			240.	
		1969			240.	
		1970			240.	
		1971			240.	
		1972			240.	
		1973			240.	
		1974			240.	
		1975			240.	
		1976			240.	
		1977			240.	
		1978			240.	
		1979			240.	
26 09	D-14-10-05	1960			33.	
		1961			33.	
		1962			33.	
		1963			33.	
		1964			33.	
		1965			33.	
		1966			33.	
		1967			33.	
		1968			33.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
26 09	D-14-10-09	1969			33.	
		1970			33.	
		1971			33.	
		1972			33.	
		1973			33.	
		1974			33.	
		1975			33.	
		1976			33.	
		1977			33.	
		1978			33.	
		1979			33.	
26 14	D-14-11-06	1977	518.			
26 17	D-14-11-03	1960			25.	
		1961			25.	
		1962			25.	
		1963			25.	
		1964			25.	
		1965			25.	
		1966			25.	
		1967			25.	
		1968			25.	
		1969			25.	
		1970			25.	
		1971			25.	
		1972			25.	
		1973			25.	
		1974			25.	
		1975			25.	
		1976			25.	
		1977			25.	
		1978			25.	
		1979			25.	
26 18	D-14-11-02	1960			25.	
		1961			25.	
		1962			25.	
		1963			25.	
		1964			25.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
26 18	D-14-11-02	1965			25.	
		1966			25.	
		1967			25.	
		1968			25.	
		1969			25.	
		1970			25.	
		1971			25.	
		1972			25.	
		1973			25.	
		1974			25.	
		1975			25.	
		1976			25.	
		1977			25.	
		1978			25.	
		1979			25.	
26 30	D-14-13-02	1960			228.	
		1961			228.	
		1962			228.	
		1963			228.	
		1964			228.	
		1965			228.	
		1966			228.	
		1967			228.	
		1968			228.	
		1969			228.	
		1970			228.	
		1971			228.	
		1972			228.	
		1973			228.	
		1974			228.	
		1975			228.	
		1976			228.	
		1977			228.	
		1978			228.	
		1979			228.	
26 38	D-14-15-06	1960			73.	
		1961			73.	
		1962			73.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
26 38	D-14-15-06	1963			73.	
		1964			73.	
		1965			73.	
		1966			73.	
		1967			73.	
		1968			73.	
		1969			73.	
		1970			73.	
		1971			73.	
		1972			73.	
		1973			73.	
		1974			73.	
		1975			73.	
		1976			73.	
		1977			73.	
		1978			73.	
		1979			73.	
26 39	D-14-15-05	1960			15.	
		1961			15.	
		1962			15.	
		1963			15.	
		1964			15.	
		1965			15.	
		1966			15.	
		1967			15.	
		1968			15.	
		1969			15.	
		1970			15.	
		1971			15.	
		1972			15.	
		1973			15.	
		1974			15.	
		1975			15.	
		1976			15.	
		1977			15.	
		1978			15.	
		1979			15.	
26 40	D-14-15-04	1973	11.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
26 40	D-14-15-04	1974	13.			
		1975	18.			
		1976	10.			
26 41	D-14-15-03	1960			216.	
		1961			216.	
		1962			216.	
		1963			216.	
		1964			216.	
		1965			216.	
		1966			216.	
		1967			216.	
		1968			216.	
		1969			216.	
		1970			216.	
		1971			216.	
		1972			216.	
		1973	11.		216.	
		1974	17.		216.	
		1975	25.		216.	
		1976	15.		216.	
		1977	13.		216.	
		1978			216.	
		1979			216.	
26 42	D-14-15-02	1960			396.	
		1961			396.	
		1962			396.	
		1963			396.	
		1964			396.	
		1965			396.	
		1966			396.	
		1967			396.	
		1968			396.	
		1969			396.	
		1970			396.	
		1971			396.	
		1972			396.	
		1973			396.	
		1974			396.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
26 42	D-14-15-02	1975			396.	
		1976			396.	
		1977			396.	
		1978			396.	
		1979			396.	
26 43	D-14-15-01	1960			252.	
		1961			252.	
		1962			252.	
		1963			252.	
		1964			252.	
		1965			252.	
		1966			252.	
		1967			252.	
		1968			252.	
		1969			252.	
		1970			252.	
		1971			252.	
		1972			252.	
		1973			252.	
		1974	18.		252.	
		1975			252.	
		1976			252.	
		1977			252.	
		1978			252.	
		1979			252.	
26 44	D-14-16-06	1960			216.	
		1961			216.	
		1962			216.	
		1963			216.	
		1964			216.	
		1965			216.	
		1966			216.	
		1967			216.	
		1968			216.	
		1969			216.	
		1970			216.	
		1971			216.	
		1972			216.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
26 44	D-14-16-06	1973	10.		216.	
		1974	25.		216.	
		1975	21.		216.	
		1976	11.		216.	
		1977			216.	
		1978			216.	
		1979			216.	
26 45	D-14-16-05	1960			180.	
		1961			180.	
		1962			180.	
		1963			180.	
		1964			180.	
		1965			180.	
		1966			180.	
		1967			180.	
		1968			180.	
		1969			180.	
		1970			180.	
		1971			180.	
		1972			180.	
		1973			180.	
		1974			180.	
		1975			180.	
		1976			180.	
		1977			180.	
		1978			180.	
		1979			180.	
26 46	D-14-16-04	1960			180.	
		1961			180.	
		1962			180.	
		1963			180.	
		1964			180.	
		1965			180.	
		1966			180.	
		1967			180.	
		1968			180.	
		1969			180.	
		1970			180.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
26 46	D-14-16-04	1971			180.	
		1972			180.	
		1973	13.		180.	
		1974	15.		180.	
		1975	15.		180.	
		1976	12.		180.	
		1977			180.	
		1978			180.	
		1979			180.	
26 47	D-14-16-03	1960			540.	
		1961			540.	
		1962			540.	
		1963			540.	
		1964			540.	
		1965			540.	
		1966			540.	
		1967			540.	
		1968			540.	
		1969			540.	
		1970			540.	
		1971			540.	
		1972			540.	
		1973			540.	
		1974			540.	
		1975			540.	
		1976			540.	
		1977			540.	
		1978			540.	
		1979			540.	
27 10	D-14-10-09	1960			19.	
		1961			19.	
		1962			19.	
		1963			19.	
		1964			19.	
		1965			19.	
		1966			19.	
		1967			19.	
		1968			19.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
27 10	D-14-10-09	1969			19.	
		1970			19.	
		1971			19.	
		1972			19.	
		1973			19.	
		1974			19.	
		1975			19.	
		1976			19.	
		1977			19.	
		1978			19.	
		1979			19.	
27 19	D-14-11-12	1960			25.	
		1961			25.	
		1962			25.	
		1963			25.	
		1964			25.	
		1965			25.	
		1966			25.	
		1967			25.	
		1968			25.	
		1969			25.	
		1970			25.	
		1971			25.	
		1972			25.	
		1973			25.	
		1974			25.	
		1975			25.	
		1976			25.	
		1977			25.	
		1978			25.	
		1979			25.	
27 30	D-14-13-11	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
27 30	D-14-13-11	1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	
		1979			110.	
27 39	D-14-15-08	1960			87.	
		1961			87.	
		1962			87.	
		1963			87.	
		1964			87.	
		1965			87.	
		1966			87.	
		1967			87.	
		1968			87.	
		1969			87.	
		1970			87.	
		1971			87.	
		1972			87.	
		1973			87.	
		1974			87.	
		1975			87.	
		1976			87.	
		1977			87.	
		1978			87.	
		1979			87.	
27 46	D-14-16-09	1960			120.	
		1961			120.	
		1962			120.	
		1963			120.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
27 4c	D-14-16-09	1964			120.	
		1965			120.	
		1966			120.	
		1967			120.	
		1968			120.	
		1969			120.	
		1970			120.	
		1971			120.	
		1972			120.	
		1973			120.	
		1974			120.	
		1975			120.	
		1976			120.	
		1977			120.	
		1978			120.	
		1979			120.	
28 1c	D-14-10-16	1960			37.	
		1961			37.	
		1962			37.	
		1963			37.	
		1964			37.	
		1965			37.	
		1966			37.	
		1967			37.	
		1968			37.	
		1969			37.	
		1970			37.	
		1971			37.	
		1972			37.	
		1973			37.	
		1974			37.	
		1975			37.	
		1976			37.	
		1977			37.	
		1978			37.	
		1979			37.	
28 2c	D-14-12-18	1960			25.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	MAT.	IND.
28 20	D-14-12-18	1961			25.	
		1962			25.	
		1963			25.	
		1964			25.	
		1965			25.	
		1966			25.	
		1967			25.	
		1968			25.	
		1969			25.	
		1970			25.	
		1971			25.	
		1972			25.	
		1973			25.	
		1974			25.	
		1975			25.	
		1976			25.	
		1977			25.	
		1978			25.	
		1979			25.	
28 21	D-14-12-17	1960			75.	
		1961			75.	
		1962			75.	
		1963			75.	
		1964			75.	
		1965			75.	
		1966			75.	
		1967			75.	
		1968			75.	
		1969			75.	
		1970			75.	
		1971			75.	
		1972			75.	
		1973			75.	
		1974			75.	
		1975			75.	
		1976			75.	
		1977			75.	
		1978			75.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
28 21	D-14-12-17	1979			75.	
28 30	D-14-13-14	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	
		1979			110.	
28 34	D-14-14-16	1975		344.		
		1976		340.		
		1977		318.		
		1978		267.		
		1979		281.		
28 39	D-14-15-17	1960			73.	
		1961			73.	
		1962			73.	
		1963			73.	
		1964			73.	
		1965			73.	
		1966			73.	
		1967			73.	
		1968			73.	
		1969			73.	
		1970			73.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
28 39	D-14-15-17	1971			73.	
		1972			73.	
		1973			73.	
		1974			73.	
		1975			73.	
		1976			73.	
		1977			73.	
		1978			73.	
		1979			73.	
28 46	D-14-16-16	1960			240.	
		1961			240.	
		1962			240.	
		1963			240.	
		1964			240.	
		1965			240.	
		1966			240.	
		1967			240.	
		1968			240.	
		1969			240.	
		1970			240.	
		1971			240.	
		1972			240.	
		1973			240.	
		1974			240.	
		1975			240.	
		1976			240.	
		1977			240.	
		1978			240.	
		1979			240.	
29 10	D-14-10-21	1960			65.	
		1961			65.	
		1962			65.	
		1963			65.	
		1964			65.	
		1965			65.	
		1966			65.	
		1967			65.	
		1968			65.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
29 10	D-14-10-21	1969			65.	
		1970			65.	
		1971			65.	
		1972			65.	
		1973			65.	
		1974			65.	
		1975			65.	
		1976			65.	
		1977			65.	
		1978			65.	
		1979			65.	
29 30	D-14-13-23	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	
		1979			110.	
29 39	D-14-15-20	1960			15.	
		1961			15.	
		1962			15.	
		1963			15.	
		1964			15.	
		1965			15.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
29 39	D-14-15-20	1966			15.	
		1967			15.	
		1968			15.	
		1969			15.	
		1970			15.	
		1971			15.	
		1972			15.	
		1973			15.	
		1974			15.	
		1975			15.	
		1976			15.	
		1977			15.	
		1978			15.	
		1979			15.	
29 40	D-14-15-21	1960			87.	
		1961			87.	
		1962			87.	
		1963			87.	
		1964			87.	
		1965			87.	
		1966			87.	
		1967			87.	
		1968			87.	
		1969			87.	
		1970			87.	
		1971			87.	
		1972			87.	
		1973			87.	
		1974			87.	
		1975			87.	
		1976			87.	
		1977			87.	
		1978			87.	
		1979			87.	
29 45	D-14-16-20	1960			214.	
		1961			214.	
		1962			214.	
		1963			214.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
29 45	D-14-16-20	1964			214.	
		1965			214.	
		1966			214.	
		1967			214.	
		1968			214.	
		1969			214.	
		1970			214.	
		1971			214.	
		1972			214.	
		1973			214.	
		1974			214.	
		1975			214.	
		1976			214.	
		1977			214.	
		1978			214.	
		1979			214.	
30 11	D-14-10-27	1960			65.	
		1961			65.	
		1962			65.	
		1963			65.	
		1964			65.	
		1965			65.	
		1966			65.	
		1967			65.	
		1968			65.	
		1969			65.	
		1970			65.	
		1971			65.	
		1972			65.	
		1973			65.	
		1974			65.	
		1975			65.	
		1976			65.	
		1977			65.	
		1978			65.	
		1979			65.	
30 24	D-14-12-26	1960			15.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
30 24	D-14-12-26	1961			15.	
		1962			15.	
		1963			15.	
		1964			15.	
		1965			15.	
		1966			15.	
		1967			15.	
		1968			15.	
		1969			15.	
		1970			15.	
		1971			15.	
		1972			15.	
		1973			15.	
		1974			15.	
		1975			15.	
		1976			15.	
		1977			15.	
		1978			15.	
		1979			15.	
30 30	D-14-13-26	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
30 30	D-14-13-26	1979			110.	
30 40	D-14-15-26	1960			15.	
		1961			15.	
		1962			15.	
		1963			15.	
		1964			15.	
		1965			15.	
		1966			15.	
		1967			15.	
		1968			15.	
		1969			15.	
		1970			15.	
		1971			15.	
		1972			15.	
		1973			15.	
		1974			15.	
		1975			15.	
		1976			15.	
		1977			15.	
		1978			15.	
		1979			15.	
30 41	D-14-15-27	1960			73.	
		1961			73.	
		1962			73.	
		1963			73.	
		1964			73.	
		1965			73.	
		1966			73.	
		1967			73.	
		1968			73.	
		1969			73.	
		1970			73.	
		1971			73.	
		1972			73.	
		1973			73.	
		1974			73.	
		1975			73.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
30 41	D-14-15-27	1976			73.	
		1977			73.	
		1978			73.	
		1979			73.	
30 45	D-14-16-29	1960			214.	
		1961			214.	
		1962			214.	
		1963			214.	
		1964			214.	
		1965			214.	
		1966			214.	
		1967			214.	
		1968			214.	
		1969			214.	
		1970			214.	
		1971			214.	
		1972			214.	
		1973			214.	
		1974			214.	
		1975			214.	
		1976			214.	
		1977			214.	
		1978			214.	
		1979			214.	
31 12	D-14-10-35	1960			37.	
		1961			37.	
		1962			37.	
		1963			37.	
		1964			37.	
		1965			37.	
		1966			37.	
		1967			37.	
		1968			37.	
		1969			37.	
		1970			37.	
		1971			37.	
		1972			37.	
		1973			37.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
31 12	D-14-10-35	1974			37.	
		1975			37.	
		1976			37.	
		1977			37.	
		1978			37.	
		1979			37.	
31 30	D-14-13-35	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	
		1979			110.	
31 41	D-14-15-34	1960			29.	
		1961			29.	
		1962			29.	
		1963			29.	
		1964			29.	
		1965			29.	
		1966			29.	
		1967			29.	
		1968			29.	
		1969			29.	
		1970			29.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
31 41	D-14-15-34	1971			29.	
		1972			29.	
		1973			29.	
		1974			29.	
		1975			29.	
		1976			29.	
		1977			29.	
		1978			29.	
		1979			29.	
31 42	D-14-15-35	1960			73.	
		1961			73.	
		1962			73.	
		1963			73.	
		1964			73.	
		1965			73.	
		1966			73.	
		1967			73.	
		1968			73.	
		1969			73.	
		1970			73.	
		1971			73.	
		1972			73.	
		1973			73.	
		1974			73.	
		1975			73.	
		1976			73.	
		1977			73.	
		1978			73.	
		1979			73.	
31 43	D-14-15-36	1960			58.	
		1961			58.	
		1962			58.	
		1963			58.	
		1964			58.	
		1965			58.	
		1966			58.	
		1967			58.	
		1968			58.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
31 43	D-14-15-36	1969			58.	
		1970			58.	
		1971			58.	
		1972			58.	
		1973			58.	
		1974			58.	
		1975			58.	
		1976			58.	
		1977			58.	
		1978			58.	
		1979			58.	
31 45	D-14-16-32	1960			214.	
		1961			214.	
		1962			214.	
		1963			214.	
		1964			214.	
		1965			214.	
		1966			214.	
		1967			214.	
		1968			214.	
		1969			214.	
		1970			214.	
		1971			214.	
		1972			214.	
		1973			214.	
		1974			214.	
		1975			214.	
		1976			214.	
		1977			214.	
		1978			214.	
		1979			214.	
32 13	D-15-10-01	1960			63.	
		1961			63.	
		1962			63.	
		1963			63.	
		1964			63.	
		1965			63.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
32 13	D-15-10-01	1966			63.	
		1967			63.	
		1968			63.	
		1969			63.	
		1970			63.	
		1971			63.	
		1972			63.	
		1973			63.	
		1974			63.	
		1975			63.	
		1976			63.	
		1977			63.	
		1978			63.	
		1979			63.	
32 17	D-15-11-03	1977	65.			
32 30	D-15-13-02	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	
		1979			110.	
32 43	D-15-15-01	1960			116.	
		1961			116.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
32 43	D-15-15-C1	1962			116.	
		1963			116.	
		1964			116.	
		1965			116.	
		1966			116.	
		1967			116.	
		1968			116.	
		1969			116.	
		1970			116.	
		1971			116.	
		1972			116.	
		1973			116.	
		1974			116.	
		1975			116.	
		1976			116.	
		1977			116.	
		1978			116.	
		1979			116.	
32 44	D-15-16-C6	1960			60.	
		1961			60.	
		1962			60.	
		1963			60.	
		1964			60.	
		1965			60.	
		1966			60.	
		1967			60.	
		1968			60.	
		1969			60.	
		1970			60.	
		1971			60.	
		1972			60.	
		1973			60.	
		1974			60.	
		1975			60.	
		1976			60.	
		1977			60.	
		1978			60.	
		1979			60.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
32 45	D-15-16-05	1960			214.	
		1961			214.	
		1962			214.	
		1963			214.	
		1964			214.	
		1965			214.	
		1966			214.	
		1967			214.	
		1968			214.	
		1969			214.	
		1970			214.	
		1971			214.	
		1972			214.	
		1973			214.	
		1974			214.	
		1975			214.	
		1976			214.	
		1977			214.	
		1978			214.	
		1979			214.	
33 13	D-15-10-12	1960			222.	
		1961			222.	
		1962			222.	
		1963			222.	
		1964			222.	
		1965			222.	
		1966			222.	
		1967			222.	
		1968			222.	
		1969			222.	
		1970			222.	
		1971			222.	
		1972			222.	
		1973			222.	
		1974			222.	
		1975			222.	
		1976			222.	
		1977			222.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
33 13	D-15-10-12	1978			222.	
		1979			222.	
33 29	D-15-13-10	1974	13.			
		1975	20.			
33 30	D-15-13-11	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	
		1979			110.	
33 44	D-15-16-07	1960			261.	
		1961			261.	
		1962			261.	
		1963			261.	
		1964			261.	
		1965			261.	
		1966			261.	
		1967			261.	
		1968			261.	
		1969			261.	
		1970			261.	
		1971			261.	
		1972			261.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
33 44	D-15-16-07	1973			261.	
		1974			261.	
		1975			261.	
		1976			261.	
		1977			261.	
		1978			261.	
		1979			261.	
33 45	D-15-16-08	1960			264.	
		1961			264.	
		1962			264.	
		1963			264.	
		1964			264.	
		1965			264.	
		1966			264.	
		1967			264.	
		1968			264.	
		1969			264.	
		1970			264.	
		1971			264.	
		1972			264.	
		1973			264.	
		1974			264.	
		1975			264.	
		1976			264.	
		1977			264.	
		1978			264.	
		1979			264.	
34 08	D-15-10-18	1960			98.	
		1961			98.	
		1962			98.	
		1963			98.	
		1964			98.	
		1965			98.	
		1966			98.	
		1967			98.	
		1968			98.	
		1969			98.	
		1970			98.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
34 08	D-15-10-18	1971			98.	
		1972			98.	
		1973			98.	
		1974			98.	
		1975			98.	
		1976			98.	
		1977			98.	
		1978			98.	
		1979			98.	
34 09	D-15-10-17	1960			56.	
		1961			56.	
		1962			56.	
		1963			56.	
		1964			56.	
		1965			56.	
		1966			56.	
		1967			56.	
		1968			56.	
		1969			56.	
		1970			56.	
		1971			56.	
		1972			56.	
		1973			56.	
		1974			56.	
		1975			56.	
		1976			56.	
		1977			56.	
		1978			56.	
		1979			56.	
34 10	D-15-10-16	1960			56.	
		1961			56.	
		1962			56.	
		1963			56.	
		1964			56.	
		1965			56.	
		1966			56.	
		1967			56.	
		1968			56.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
34 10	0-15-10-16	1969			56.	
		1970			56.	
		1971			56.	
		1972			56.	
		1973			56.	
		1974			56.	
		1975			56.	
		1976			56.	
		1977			56.	
		1978			56.	
		1979			56.	
34 11	0-15-10-15	1960			195.	
		1961			195.	
		1962			195.	
		1963			195.	
		1964			195.	
		1965			195.	
		1966			195.	
		1967			195.	
		1968			195.	
		1969			195.	
		1970			195.	
		1971			195.	
		1972			195.	
		1973			195.	
		1974			195.	
		1975			195.	
		1976			195.	
		1977			195.	
		1978			195.	
		1979			195.	
34 12	0-15-10-14	1960			197.	
		1961			197.	
		1962			197.	
		1963			197.	
		1964			197.	
		1965			197.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
34 12	D-15-10-14	1966			197.	
		1967			197.	
		1968			197.	
		1969			197.	
		1970			197.	
		1971			197.	
		1972			197.	
		1973			197.	
		1974			197.	
		1975			197.	
		1976			197.	
		1977			197.	
		1978			197.	
		1979			197.	
34 29	D-15-13-15	1973	233.			
		1974	241.			
		1975	131.			
		1976	274.			
		1977	224.			
34 30	D-15-13-14	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
34 30	D-15-13-14	1979			110.	
34 44	D-15-16-18	1960			145.	
		1961			145.	
		1962			145.	
		1963			145.	
		1964			145.	
		1965			145.	
		1966			145.	
		1967			145.	
		1968			145.	
		1969			145.	
		1970			145.	
		1971			145.	
		1972			145.	
		1973			145.	
		1974			145.	
		1975			145.	
		1976			145.	
		1977			145.	
		1978			145.	
		1979			145.	
34 45	D-15-16-17	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			100.	
		1971			100.	
		1972			100.	
		1973			100.	
		1974			100.	
		1975			100.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
34 45	D-15-16-17	1976			100.	
		1977			100.	
		1978			100.	
		1979			100.	
34 46	D-15-16-16	1960			359.	
		1961			359.	
		1962			359.	
		1963			359.	
		1964			359.	
		1965			359.	
		1966			359.	
		1967			359.	
		1968			359.	
		1969			359.	
		1970			359.	
		1971			359.	
		1972			359.	
		1973			359.	
		1974			359.	
		1975			359.	
		1976			359.	
		1977			359.	
		1978			359.	
		1979			359.	
34 47	D-15-16-15	1960			573.	
		1961			573.	
		1962			573.	
		1963			573.	
		1964			573.	
		1965			573.	
		1966			573.	
		1967			573.	
		1968			573.	
		1969			573.	
		1970			573.	
		1971			573.	
		1972			573.	
		1973			573.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	MAT.	IND.
34 47	D-15-16-15	1974			573.	
		1975			573.	
		1976			573.	
		1977			573.	
		1978			573.	
		1979			573.	
35 08	D-15-10-19	1960			56.	
		1961			56.	
		1962			56.	
		1963			56.	
		1964			56.	
		1965			56.	
		1966			56.	
		1967			56.	
		1968			56.	
		1969			56.	
		1970			56.	
		1971			56.	
		1972			56.	
		1973			56.	
		1974			56.	
		1975			56.	
		1976			56.	
		1977			56.	
		1978			56.	
		1979			56.	
35 10	D-15-10-21	1977	15.			
35 11	D-15-10-22	1960			133.	
		1961			133.	
		1962			133.	
		1963			133.	
		1964			133.	
		1965			133.	
		1966			133.	
		1967			133.	
		1968			133.	
		1969			133.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
35 11	D-15-10-22	1970			133.	
		1971			133.	
		1972			133.	
		1973			133.	
		1974			133.	
		1975			133.	
		1976			133.	
		1977			133.	
		1978			133.	
		1979			133.	
35 28	D-15-13-21	1973	98.			
		1974	132.			
		1975	107.			
		1976	103.			
		1977	98.			
35 29	D-15-13-22	1960			55.	
		1961			55.	
		1962			55.	
		1963			55.	
		1964			55.	
		1965			55.	
		1966			55.	
		1967			55.	
		1968			55.	
		1969			55.	
		1970			55.	
		1971			55.	
		1972			55.	
		1973	71.		55.	
		1974	77.		55.	
		1975	116.		55.	
		1976	343.		55.	
		1977	300.		55.	
		1978			55.	
		1979			55.	
35 30	D-15-13-23	1960			55.	
		1961			55.	
		1962			55.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
35 30	D-15-13-23	1963			55.	
		1964			55.	
		1965			55.	
		1966			55.	
		1967			55.	
		1968			55.	
		1969			55.	
		1970			55.	
		1971			55.	
		1972			55.	
		1973	125.		55.	
		1974	128.		55.	
		1975	100.		55.	
		1976	70.		55.	
		1977			55.	
		1978			55.	
		1979			55.	
35 45	D-15-16-20	1960			145.	
		1961			145.	
		1962			145.	
		1963			145.	
		1964			145.	
		1965			145.	
		1966			145.	
		1967			145.	
		1968			145.	
		1969			145.	
		1970			145.	
		1971			145.	
		1972			145.	
		1973			145.	
		1974			145.	
		1975			145.	
		1976			145.	
		1977			145.	
		1978			145.	
		1979			145.	
35 47	D-15-16-22	1960			214.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
35 47	D-15-16-22	1961			214.	
		1962			214.	
		1963			214.	
		1964			214.	
		1965			214.	
		1966			214.	
		1967			214.	
		1968			214.	
		1969			214.	
		1970			214.	
		1971			214.	
		1972			214.	
		1973			214.	
		1974			214.	
		1975			214.	
		1976			214.	
		1977			214.	
		1978			214.	
		1979			214.	
36 68	D-15-10-30	1960			56.	
		1961			56.	
		1962			56.	
		1963			56.	
		1964			56.	
		1965			56.	
		1966			56.	
		1967			56.	
		1968			56.	
		1969			56.	
		1970			56.	
		1971			56.	
		1972			56.	
		1973			56.	
		1974			56.	
		1975			56.	
		1976			56.	
		1977			56.	
		1978			56.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
36 08	D-15-10-30	1979			56.	
36 10	D-15-10-28	1960			133.	
		1961			133.	
		1962			133.	
		1963			133.	
		1964			133.	
		1965			133.	
		1966			133.	
		1967			133.	
		1968			133.	
		1969			133.	
		1970			133.	
		1971			133.	
		1972			133.	
		1973			133.	
		1974			133.	
		1975			133.	
		1976			133.	
		1977			133.	
		1978			133.	
		1979			133.	
36 29	D-15-13-27	1973	51.			
		1974	28.			
36 30	D-15-13-26	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
36 30	D-15-13-26	1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	
		1979			110.	
36 45	D-15-16-29	1960			145.	
		1961			145.	
		1962			145.	
		1963			145.	
		1964			145.	
		1965			145.	
		1966			145.	
		1967			145.	
		1968			145.	
		1969			145.	
		1970			145.	
		1971			145.	
		1972			145.	
		1973			145.	
		1974			145.	
		1975			145.	
		1976			145.	
		1977			145.	
		1978			145.	
		1979			145.	
36 47	D-15-16-27	1960			214.	
		1961			214.	
		1962			214.	
		1963			214.	
		1964			214.	
		1965			214.	
		1966			214.	
		1967			214.	
		1968			214.	
		1969			214.	
		1970			214.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
36 47	D-15-16-27	1971			214.	
		1972			214.	
		1973			214.	
		1974			214.	
		1975			214.	
		1976			214.	
		1977			214.	
		1978			214.	
		1979			214.	
37 08	D-15-10-31	1960			37.	
		1961			37.	
		1962			37.	
		1963			37.	
		1964			37.	
		1965			37.	
		1966			37.	
		1967			37.	
		1968			37.	
		1969			37.	
		1970			37.	
		1971			37.	
		1972			37.	
		1973			37.	
		1974			37.	
		1975			37.	
		1976			37.	
		1977			37.	
		1978			37.	
		1979			37.	
37 09	D-15-10-32	1960			66.	
		1961			66.	
		1962			66.	
		1963			66.	
		1964			66.	
		1965			66.	
		1966			66.	
		1967			66.	
		1968			66.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
37 09	D-15-10-32	1969			66.	
		1970			66.	
		1971			66.	
		1972			66.	
		1973			66.	
		1974			66.	
		1975			66.	
		1976			66.	
		1977			66.	
		1978			66.	
		1979			66.	
37 10	D-15-10-33	1960			106.	
		1961			106.	
		1962			106.	
		1963			106.	
		1964			106.	
		1965			106.	
		1966			106.	
		1967			106.	
		1968			106.	
		1969			106.	
		1970			106.	
		1971			106.	
		1972			106.	
		1973			106.	
		1974			106.	
		1975			106.	
		1976			106.	
		1977	658.		106.	
		1978			106.	
		1979			106.	
37 30	D-15-13-35	1960			88.	
		1961			88.	
		1962			88.	
		1963			88.	
		1964			88.	
		1965			88.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
37 30	D-15-13-35	1966			88.	
		1967			88.	
		1968			88.	
		1969			88.	
		1970			88.	
		1971			88.	
		1972			88.	
		1973			88.	
		1974			88.	
		1975			88.	
		1976			88.	
		1977			88.	
		1978			88.	
		1979			88.	
37 31	D-15-13-36	1960			22.	
		1961			22.	
		1962			22.	
		1963			22.	
		1964			22.	
		1965			22.	
		1966			22.	
		1967			22.	
		1968			22.	
		1969			22.	
		1970			22.	
		1971			22.	
		1972			22.	
		1973			22.	
		1974			22.	
		1975			22.	
		1976			22.	
		1977			22.	
		1978			22.	
		1979			22.	
37 32	D-15-14-31	1973	320.			
		1974	521.			
		1975	574.			
		1976	536.			

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
37 32	D-15-14-31	1977	442.			
37 45	D-15-16-32	1960			72.	
		1961			72.	
		1962			72.	
		1963			72.	
		1964			72.	
		1965			72.	
		1966			72.	
		1967			72.	
		1968			72.	
		1969			72.	
		1970			72.	
		1971			72.	
		1972			72.	
		1973			72.	
		1974			72.	
		1975			72.	
		1976			72.	
		1977			72.	
		1978			72.	
		1979			72.	
37 46	D-15-16-33	1960			72.	
		1961			72.	
		1962			72.	
		1963			72.	
		1964			72.	
		1965			72.	
		1966			72.	
		1967			72.	
		1968			72.	
		1969			72.	
		1970			72.	
		1971			72.	
		1972			72.	
		1973			72.	
		1974			72.	
		1975			72.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
37 46	D-15-16-33	1976			72.	
		1977			72.	
		1978			72.	
		1979			72.	
37 47	D-15-16-34	1960			214.	
		1961			214.	
		1962			214.	
		1963			214.	
		1964			214.	
		1965			214.	
		1966			214.	
		1967			214.	
		1968			214.	
		1969			214.	
		1970			214.	
		1971			214.	
		1972			214.	
		1973			214.	
		1974			214.	
		1975			214.	
		1976			214.	
		1977			214.	
		1978			214.	
		1979			214.	
38 05	D-16-09-03	1960			65.	
		1961			65.	
		1962			65.	
		1963			65.	
		1964			65.	
		1965			65.	
		1966			65.	
		1967			65.	
		1968			65.	
		1969			65.	
		1970			65.	
		1971			65.	
		1972			65.	
		1973			65.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
38 05	D-16-09-03	1974			65.	
		1975			65.	
		1976			65.	
		1977			65.	
		1978			65.	
		1979			65.	
38 06	D-16-09-02	1960			37.	
		1961			37.	
		1962			37.	
		1963			37.	
		1964			37.	
		1965			37.	
		1966			37.	
		1967			37.	
		1968			37.	
		1969			37.	
		1970			37.	
		1971			37.	
		1972			37.	
		1973			37.	
		1974			37.	
		1975			37.	
		1976			37.	
		1977			37.	
		1978			37.	
		1979			37.	
38 07	D-16-09-01	1960			37.	
		1961			37.	
		1962			37.	
		1963			37.	
		1964			37.	
		1965			37.	
		1966			37.	
		1967			37.	
		1968			37.	
		1969			37.	
		1970			37.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
38 07	D-16-09-01	1971			37.	
		1972			37.	
		1973			37.	
		1974			37.	
		1975			37.	
		1976			37.	
		1977			37.	
		1978			37.	
		1979			37.	
38 09	D-16-10-09	1960			83.	
		1961			83.	
		1962			83.	
		1963			83.	
		1964			83.	
		1965			83.	
		1966			83.	
		1967			83.	
		1968			83.	
		1969			83.	
		1970			83.	
		1971			83.	
		1972			83.	
		1973			83.	
		1974			83.	
		1975			83.	
		1976			83.	
		1977	57.		83.	
		1978			83.	
		1979			83.	
38 10	D-16-10-04	1977	77.			
38 31	D-16-13-01	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
38 31	D-16-13-C1	1967			110.	
		1968			110.	
		1969			110.	
		1970			220.	
		1971			220.	
		1972			220.	
		1973			220.	
		1974			220.	
		1975			220.	
		1976			220.	
		1977			220.	
		1978			220.	
		1979			220.	
38 46	D-16-16-C4	1960			145.	
		1961			145.	
		1962			145.	
		1963			145.	
		1964			145.	
		1965			145.	
		1966			145.	
		1967			145.	
		1968			145.	
		1969			145.	
		1970			145.	
		1971			145.	
		1972			145.	
		1973			145.	
		1974			145.	
		1975			145.	
		1976			145.	
		1977			145.	
		1978			145.	
		1979			145.	
38 47	D-16-16-C3	1960			214.	
		1961			214.	
		1962			214.	
		1963			214.	
		1964			214.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
38 47	D-16-16-03	1965			214.	
		1966			214.	
		1967			214.	
		1968			214.	
		1969			214.	
		1970			214.	
		1971			214.	
		1972			214.	
		1973			214.	
		1974			214.	
		1975			214.	
		1976			214.	
		1977			214.	
		1978			214.	
		1979			214.	
39 04	D-16-09-09	1960			65.	
		1961			65.	
		1962			65.	
		1963			65.	
		1964			65.	
		1965			65.	
		1966			65.	
		1967			65.	
		1968			65.	
		1969			65.	
		1970			65.	
		1971			65.	
		1972			65.	
		1973			65.	
		1974			65.	
		1975			65.	
		1976			65.	
		1977			65.	
		1978			65.	
		1979			65.	
39 08	D-16-10-07	1960			66.	
		1961			66.	
		1962			66.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
39 08	D-16-10-07	1963			66.	
		1964			66.	
		1965			66.	
		1966			66.	
		1967			66.	
		1968			66.	
		1969			66.	
		1970			66.	
		1971			66.	
		1972			66.	
		1973			66.	
		1974			66.	
		1975			66.	
		1976			66.	
		1977			66.	
		1978			66.	
		1979			66.	
39 09	D-16-10-08	1960			33.	
		1961			33.	
		1962			33.	
		1963			33.	
		1964			33.	
		1965			33.	
		1966			33.	
		1967			33.	
		1968			33.	
		1969			33.	
		1970			33.	
		1971			33.	
		1972			33.	
		1973			33.	
		1974			33.	
		1975			33.	
		1976			33.	
		1977	95.		33.	
		1978			33.	
		1979			33.	
39 31	D-16-13-12	1960			110.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
39 31	D-16-13-12	1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			220.	
		1971			220.	
		1972			220.	
		1973			220.	
		1974			220.	
		1975			220.	
		1976			220.	
		1977			220.	
		1978			220.	
		1979			220.	
39 46	D-16-16-09	1960			145.	
		1961			145.	
		1962			145.	
		1963			145.	
		1964			145.	
		1965			145.	
		1966			145.	
		1967			145.	
		1968			145.	
		1969			145.	
		1970			145.	
		1971			145.	
		1972			145.	
		1973			145.	
		1974			145.	
		1975			145.	
		1976			145.	
		1977			145.	
		1978			145.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
39 46	D-16-16-09	1979			145.	
39 47	D-16-16-10	1960			330.	
		1961			330.	
		1962			330.	
		1963			330.	
		1964			330.	
		1965			330.	
		1966			330.	
		1967			330.	
		1968			330.	
		1969			330.	
		1970			330.	
		1971			330.	
		1972			330.	
		1973			330.	
		1974			330.	
		1975			330.	
		1976			330.	
		1977			330.	
		1978			330.	
		1979			330.	
40 03	D-16-09-17E	1960			37.	
		1961			37.	
		1962			37.	
		1963			37.	
		1964			37.	
		1965			37.	
		1966			37.	
		1967			37.	
		1968			37.	
		1969			37.	
		1970			37.	
		1971			37.	
		1972			37.	
		1973			37.	
		1974			37.	
		1975			37.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
40 03	D-16-09-17E	1976			37.	
		1977			37.	
		1978			37.	
		1979			37.	
40 08	D-16-10-18	1960			83.	
		1961			83.	
		1962			83.	
		1963			83.	
		1964			83.	
		1965			83.	
		1966			83.	
		1967			83.	
		1968			83.	
		1969			83.	
		1970			83.	
		1971			83.	
		1972			83.	
		1973			83.	
		1974			83.	
		1975			83.	
		1976			83.	
		1977			83.	
		1978			83.	
		1979			83.	
40 20	D-16-12-18	1960			80.	
		1961			80.	
		1962			80.	
		1963			80.	
		1964			80.	
		1965			80.	
		1966			80.	
		1967			80.	
		1968			80.	
		1969			80.	
		1970			80.	
		1971			80.	
		1972			80.	
		1973			80.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
40 20	D-16-12-18	1974			80.	
		1975			80.	
		1976			80.	
		1977			80.	
		1978			80.	
		1979			80.	
40 31	D-16-13-13	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			220.	
		1971			220.	
		1972			220.	
		1973			220.	
		1974			220.	
		1975			220.	
		1976			220.	
		1977			220.	
		1978			220.	
		1979			220.	
40 47	D-16-16-15	1960			272.	
		1961			272.	
		1962			272.	
		1963			272.	
		1964			272.	
		1965			272.	
		1966			272.	
		1967			272.	
		1968			272.	
		1969			272.	
		1970			272.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
40 47	D-16-16-15	1971			272.	
		1972			272.	
		1973			272.	
		1974			272.	
		1975			272.	
		1976			272.	
		1977			272.	
		1978			272.	
		1979			272.	
41 02	D-16-09-19B	1960			170.	
		1961			170.	
		1962			170.	
		1963			170.	
		1964			170.	
		1965			170.	
		1966			170.	
		1967			170.	
		1968			170.	
		1969			170.	
		1970			170.	
		1971			170.	
		1972			170.	
		1973			170.	
		1974			170.	
		1975			170.	
		1976			170.	
		1977			170.	
		1978			170.	
		1979			170.	
41 08	D-16-10-19	1960			66.	
		1961			66.	
		1962			66.	
		1963			66.	
		1964			66.	
		1965			66.	
		1966			66.	
		1967			66.	
		1968			66.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
41 08	D-16-10-19	1969			66.	
		1970			66.	
		1971			66.	
		1972			66.	
		1973			66.	
		1974			66.	
		1975			66.	
		1976			66.	
		1977	33.		66.	
		1978			66.	
		1979			66.	
41 28	D-16-13-21	1970				588.
		1971				740.
		1972				873.
		1973				976.
		1974				841.
		1975				732.
		1976				764.
		1977				683.
		1978				978.
		1979				902.
41 31	D-16-13-24	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			220.	
		1971			220.	
		1972			220.	
		1973			220.	
		1974			220.	
		1975			220.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
41 31	D-16-13-24	1976			220.	
		1977			220.	
		1978			220.	
		1979			220.	
41 48	D-16-16-23	1960			74.	
		1961			74.	
		1962			74.	
		1963			74.	
		1964			74.	
		1965			74.	
		1966			74.	
		1967			74.	
		1968			74.	
		1969			74.	
		1970			74.	
		1971			74.	
		1972			74.	
		1973			74.	
		1974			74.	
		1975			74.	
		1976			74.	
		1977			74.	
		1978			74.	
		1979			74.	
41 49	D-16-16-24	1960			238.	
		1961			238.	
		1962			238.	
		1963			238.	
		1964			238.	
		1965			238.	
		1966			238.	
		1967			238.	
		1968			238.	
		1969			238.	
		1970			238.	
		1971			238.	
		1972			238.	
		1973			238.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
41 49	D-16-16-24	1974			238.	
		1975			238.	
		1976			238.	
		1977			238.	
		1978			238.	
		1979			238.	
42 02	D-16-09-30E	1960			170.	
		1961			170.	
		1962			170.	
		1963			170.	
		1964			170.	
		1965			170.	
		1966			170.	
		1967			170.	
		1968			170.	
		1969			170.	
		1970			170.	
		1971			170.	
		1972			170.	
		1973			170.	
		1974			170.	
		1975			170.	
		1976			170.	
		1977			170.	
		1978			170.	
		1979			170.	
42 07	D-16-09-25	1960			83.	
		1961			83.	
		1962			83.	
		1963			83.	
		1964			83.	
		1965			83.	
		1966			83.	
		1967			83.	
		1968			83.	
		1969			83.	
		1970			83.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
42 07	D-16-09-25	1971			83.	
		1972			83.	
		1973			83.	
		1974			83.	
		1975			83.	
		1976			83.	
		1977			83.	
		1978			83.	
		1979			83.	
42 15	D-16-11-25	1960			80.	
		1961			80.	
		1962			80.	
		1963			80.	
		1964			80.	
		1965			80.	
		1966			80.	
		1967			80.	
		1968			80.	
		1969			80.	
		1970			80.	
		1971			80.	
		1972			80.	
		1973			80.	
		1974			80.	
		1975			80.	
		1976			80.	
		1977			80.	
		1978			80.	
		1979			80.	
42 28	D-16-13-28	1970				588.
		1971				740.
		1972				873.
		1973				976.
		1974				841.
		1975				732.
		1976				764.
		1977				683.
		1978				978.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
42 28	D-16-13-28	1979				902.
42 31	D-16-13-25	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			220.	
		1971			220.	
		1972			220.	
		1973			220.	
		1974			220.	
		1975			220.	
		1976			220.	
		1977			220.	
		1978			220.	
		1979			220.	
42 49	D-16-16-25	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
42 49	D-16-16-25	1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
43 02	D-16-09-31A	1960			75.	
		1961			75.	
		1962			75.	
		1963			75.	
		1964			75.	
		1965			75.	
		1966			75.	
		1967			75.	
		1968			75.	
		1969			75.	
		1970			75.	
		1971			75.	
		1972			75.	
		1973			75.	
		1974			75.	
		1975			75.	
		1976			75.	
		1977			75.	
		1978			75.	
		1979			75.	
43 07	D-16-09-36	1960			83.	
		1961			83.	
		1962			83.	
		1963			83.	
		1964			83.	
		1965			83.	
		1966			83.	
		1967			83.	
		1968			83.	
		1969			83.	
		1970			83.	
		1971			83.	
		1972			83.	
		1973			83.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
43 07	D-16-09-36	1974			83.	
		1975			83.	
		1976			83.	
		1977			83.	
		1978			83.	
		1979			83.	
43 14	D-16-11-31	1960			300.	
		1961			300.	
		1962			300.	
		1963			300.	
		1964			300.	
		1965			300.	
		1966			300.	
		1967			300.	
		1968			300.	
		1969			300.	
		1970			300.	
		1971			300.	
		1972			300.	
		1973			300.	
		1974			300.	
		1975			300.	
		1976			300.	
		1977			300.	
		1978			300.	
		1979			300.	
43 28	D-16-13-33	1960			105.	
		1961			105.	
		1962			105.	
		1963			105.	
		1964			105.	
		1965			105.	
		1966			105.	
		1967			105.	
		1968			105.	
		1969			105.	
		1970			105.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
43 28	D-16-13-33	1971			105.	
		1972			105.	
		1973			105.	
		1974			105.	
		1975			105.	
		1976			105.	
		1977			105.	
		1978			105.	
		1979			105.	
43 31	D-16-13-36	1960	94.		55.	
		1961	94.		55.	
		1962			55.	
		1963	233.		55.	
		1964	212.		55.	
		1965	94.		55.	
		1966	69.		55.	
		1967	65.		55.	
		1968	212.		55.	
		1969	100.		55.	
		1970			110.	
		1971			110.	
		1972	36.		110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	
		1979			110.	
43 32	D-16-14-31	1960	637.		55.	
		1961	687.		55.	
		1962			55.	
		1963	990.		55.	
		1964	496.		55.	
		1965	882.		55.	
		1966	428.		55.	
		1967	605.		55.	
		1968	354.		55.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
43 32	D-16-14-31	1969	604.		55.	
		1970	636.		55.	
		1971	557.		55.	
		1972	568.		55.	
		1973	580.		55.	
		1974	580.		55.	
		1975	545.		55.	
		1976	115.		55.	
		1977	653.		55.	
		1978	55.		55.	
		1979	55.		55.	
43 49	D-16-16-36	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
44 28	D-17-13-04	1960			210.	
		1961			210.	
		1962			210.	
		1963			210.	
		1964			210.	
		1965			210.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
44 28	D-17-13-04	1966			210.	
		1967			210.	
		1968			210.	
		1969			210.	
		1970			210.	
		1971			210.	
		1972			210.	
		1973			210.	
		1974			210.	
		1975			210.	
		1976			210.	
		1977			210.	
		1978			210.	
		1979			210.	
44 31	D-17-13-01	1960	433.			
		1961	435.			
		1962	50.			
		1963	627.			
		1964	564.			
		1965	617.			
		1966	320.			
		1967	288.			
		1968	550.			
		1969	411.			
44 32	D-17-14-06	1960	606.		110.	
		1961	607.		110.	
		1962	796.		110.	
		1963	578.		110.	
		1964	545.		110.	
		1965	649.		110.	
		1966			110.	
		1967	596.		110.	
		1968	396.		110.	
		1969	552.		110.	
		1970	538.		220.	
		1971	547.		220.	
		1972	535.		220.	
		1973	535.		220.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
44 32	D-17-14-06	1974	535.		220.	
		1975	533.		220.	
		1976	534.		220.	
		1977	537.		220.	
		1978	534.		220.	
		1979	508.		220.	
44 33	D-17-14-05	1960	460.			
		1961	460.			
		1963	282.			
		1964	315.			
		1965	389.			
		1967	366.			
		1968	394.			
		1969	270.			
		1970	312.			
		1971	256.			
		1972	228.			
		1973	219.			
		1974	219.			
		1975	282.			
		1976	261.			
		1977	270.			
		1978	219.			
		1979	216.			
44 49	D-17-16-01	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
44 49	D-17-16-01	1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
45 28	D-17-13-09	1960			210.	
		1961			210.	
		1962			210.	
		1963			210.	
		1964			210.	
		1965			210.	
		1966			210.	
		1967			210.	
		1968			210.	
		1969			210.	
		1970			210.	2054.
		1971			210.	2276.
		1972			210.	2178.
		1973			210.	1943.
		1974			210.	1806.
		1975			210.	1859.
		1976			210.	2610.
		1977			210.	1370.
		1978			210.	
		1979			210.	1014.
45 29	D-17-13-10	1970				685.
		1971				759.
		1972				726.
		1973				648.
		1974				602.
		1975				620.
		1976				870.
		1977				457.
		1979				338.
45 31	D-17-13-12	1960	146.		88.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
45 31	D-17-13-12	1961	146.		88.	
		1962			88.	
		1963	266.		88.	
		1964	204.		88.	
		1965	274.		88.	
		1966	100.		88.	
		1967	134.		88.	
		1968	266.		88.	
		1969	175.		88.	
		1970	45.		176.	
		1971	58.		176.	
		1972	65.		176.	
		1973	36.		176.	
		1974	55.		176.	
		1975			176.	
		1976	65.		176.	
		1977			176.	
		1978	19.		176.	
		1979	55.		176.	
45 32	D-17-14-07	1960	595.		22.	
		1961	595.		22.	
		1962	749.		22.	
		1963	502.		22.	
		1964	508.		22.	
		1965	594.		22.	
		1966			22.	
		1967	515.		22.	
		1968	523.		22.	
		1969	703.		22.	
		1970	511.		44.	
		1971	477.		44.	
		1972	491.		44.	
		1973	494.		44.	
		1974	437.		44.	
		1975	468.		44.	
		1976	481.		44.	
		1977	490.		44.	
		1978	445.		44.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
45 32	D-17-14-07	1979	435.		44.	
45 33	D-17-14-08	1960	352.			
		1961	352.			
		1962	438.			
		1963	343.			
		1964	405.			
		1965	390.			
		1967	231.			
		1968	357.			
		1969	242.			
		1970	245.			
		1971	248.			
		1972	247.			
		1973	247.			
		1974	251.			
		1976	251.			
		1977	230.			
		1978	250.			
		1979	167.			
45 49	D-17-16-12	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
45 49	D-17-18-12	1978			148.	
		1979			148.	
46 27		1960	143.			
46 28	D-17-13-16	1960			630.	
		1961			630.	
		1962			630.	
		1963			630.	
		1964			630.	
		1965			630.	
		1966			630.	
		1967			630.	
		1968			630.	
		1969			630.	
		1970			630.	
		1971			630.	
		1972			630.	
		1973			630.	
		1974			630.	
		1975			630.	
		1976			630.	
		1977			630.	
		1978			630.	
		1979			630.	
46 29	D-17-13-15	1970				1369.
		1971				1517.
		1972				1452.
		1973				1295.
		1974				1204.
		1975				1239.
		1976				1740.
		1977				913.
		1979				676.
46 31	D-17-13-13	1960	330.		110.	
		1961	330.		110.	
		1962			110.	
		1963	384.		110.	
		1964	283.		110.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
46 31	D-17-13-13	1965	432.		110.	
		1966	107.		110.	
		1967	215.		110.	
		1968	442.		110.	
		1969	347.		110.	
		1970	211.		220.	
		1971	283.		220.	
		1972	233.		220.	
		1973	235.		220.	
		1974	186.		220.	
		1975			220.	
		1976	331.		220.	
		1977	205.		220.	
		1978	101.		220.	
		1979	202.		220.	
46 32	D-17-14-18	1960	554.			
		1961	554.			
		1962	113.			
		1963	594.			
		1964	575.			
		1965	637.			
		1967	468.			
		1968	373.			
		1969	551.			
		1970	458.			
		1971	462.			
		1972	407.			
		1973	487.			
		1974	447.			
		1975	565.			
		1976	731.			
		1977	465.			
		1978	315.			
		1979	447.			
46 33	D-17-14-17	1960	208.			
		1961	207.			
		1962	204.			
		1963	197.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
46 33	D-17-14-17	1964	337.			
		1965	341.			
		1967	198.			
		1968	205.			
		1969	130.			
		1970	128.			
		1971	153.			
46 49	D-17-14-13	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
47 29	D-17-13-22	1960			105.	
		1961			105.	
		1962			105.	
		1963			105.	
		1964			105.	
		1965			105.	
		1966			105.	
		1967			105.	
		1968			105.	
		1969			105.	
		1970			105.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
47 29	D-17-13-22	1971			105.	
		1972			105.	
		1973			105.	
		1974			105.	
		1975			105.	
		1976			105.	
		1977			105.	
		1978			105.	
		1979			105.	
47 31	D-17-13-24	1960			110.	
		1961			110.	
		1962			110.	
		1963	325.		110.	
		1964	409.		110.	
		1965	374.		110.	
		1966	217.		110.	
		1967	315.		110.	
		1968	245.		110.	
		1969	238.		110.	
		1970	316.		220.	
		1971	301.		220.	
		1972	266.		220.	
		1973	231.		220.	
		1974	210.		220.	
		1975			220.	
		1976	277.		220.	
		1977	140.		220.	
		1978	152.		220.	
		1979	201.		220.	
47 32	D-17-14-19	1960	498.			
		1961	498.			
		1962	634.			
		1963	638.			
		1964	648.			
		1965	662.			
		1967	394.			
		1968	752.			
		1969	592.			

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
47 32	D-17-14-19	1970	441.			
		1971	431.			
		1972	475.			
		1973	426.			
		1974	429.			
		1975	429.			
		1976	425.			
		1977	425.			
		1978	427.			
		1979	389.			
47 37	D-17-14-24	1975	227.			
47 44	D-17-16-19	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
47 45	D-17-16-20	1960			296.	
		1961			296.	
		1962			296.	
		1963			296.	
		1964			296.	
		1965			296.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
47 45	D-17-16-20	1966			296.	
		1967			296.	
		1968			296.	
		1969			296.	
		1970			296.	
		1971			296.	
		1972			296.	
		1973			296.	
		1974			296.	
		1975			296.	
		1976			296.	
		1977			296.	
		1978			296.	
		1979			296.	
47 46	D-17-16-21	1960			296.	
		1961			296.	
		1962			296.	
		1963			296.	
		1964			296.	
		1965			296.	
		1966			296.	
		1967			296.	
		1968			296.	
		1969			296.	
		1970			296.	
		1971			296.	
		1972			296.	
		1973			296.	
		1974			296.	
		1975			296.	
		1976			296.	
		1977			296.	
		1978			296.	
		1979			296.	
47 47	D-17-16-22	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
47 47	D-17-16-22	1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
47 48	D-17-16-23	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
47 49	D-17-16-24	1960			148.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
47 49	D-17-16-24	1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
48 28	D-17-13-28	1960			210.	
		1961			210.	
		1962			210.	
		1963			210.	
		1964			210.	
		1965			210.	
		1966			210.	
		1967			210.	
		1968			210.	
		1969			210.	
		1970			210.	
		1971			210.	
		1972			210.	
		1973			210.	
		1974			210.	
		1975			210.	
		1976			210.	
		1977			210.	
		1978			210.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
48 28	D-17-13-28	1979			210.	
48 29	D-17-13-27	1970				1291.
		1971				1124.
		1972				1727.
		1973				1705.
		1974				1523.
		1975				1068.
		1976				1924.
		1977				1872.
		1978				1696.
		1979				1978.
48 30	D-17-13-26	1964	123.			
		1965	76.			
		1966	120.			
		1968	201.			
48 31	D-17-13-25	1960	576.		110.	
		1961			110.	
		1962	194.		110.	
		1963	477.		110.	
		1964	263.		110.	
		1965	543.		110.	
		1966	367.		110.	
		1967	412.		110.	
		1968	621.		110.	
		1969	334.		110.	
		1970	293.		220.	
		1971	303.		220.	
		1972	314.		220.	
		1973	296.		220.	
		1974	238.		220.	
		1975			220.	
		1976	301.		220.	
		1977	233.		220.	
		1978	217.		220.	
		1979	290.		220.	
48 32	D-17-14-30	1960	529.			
		1961	554.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE No.	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
48 32	D-17-14-30	1962	280.			
		1963	437.			
		1964	503.			
		1965	485.			
		1967	327.			
		1968	903.			
		1969	305.			
		1970	345.			
		1971	294.			
		1972	349.			
		1973	329.			
		1974	282.			
		1975	394.			
		1976	399.			
		1977	262.			
		1978	240.			
		1979	211.			
48 33	D-17-14-29	1963	44.			
		1964	60.			
		1965	44.			
		1970	42.			
		1973	29.			
48 36	D-17-14-26	1964	183.			
48 42	D-17-15-26	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
48 42	D-17-15-26	1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
48 43	D-17-15-25	1960			296.	
		1961			296.	
		1962			296.	
		1963			296.	
		1964			296.	
		1965			296.	
		1966			296.	
		1967			296.	
		1968			296.	
		1969			296.	
		1970			296.	
		1971			296.	
		1972			296.	
		1973			296.	
		1974			296.	
		1975			296.	
		1976			296.	
		1977			296.	
		1978			296.	
		1979			296.	
49 27	D-17-13-32	1960			210.	
		1961			210.	
		1962			210.	
		1963			210.	
		1964			210.	
		1965			210.	
		1966			210.	
		1967			210.	
		1968			210.	
		1969			210.	
		1970			210.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
49 27	D-17-13-32	1971			210.	
		1972			210.	
		1973			210.	
		1974			210.	
		1975			210.	
		1976			210.	
		1977			210.	
		1978			210.	
		1979			210.	
49 29	D-17-13-34	1970				1291.
		1971				1124.
		1972				1727.
		1973				1705.
		1974				1523.
		1975				1068.
		1976				1924.
		1977				1872.
		1978				1696.
		1979				1978.
49 30	D-17-13-35	1960	549.			
		1961	447.			
		1962	347.			
49 31	D-17-13-36	1960	482.		110.	
		1961	425.		110.	
		1962	440.		110.	
		1963	159.		110.	
		1964	142.		110.	
		1965	159.		110.	
		1966	118.		110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			220.	
		1971			220.	
		1972			220.	
		1973			220.	
		1974			220.	
		1975			220.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
49 31	D-17-13-36	1976			220.	
		1977			220.	
		1978			220.	
		1979			220.	
49 41	D-17-15-34	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
50 27	D-18-13-05	1960			105.	
		1961			105.	
		1962			105.	
		1963			105.	
		1964			105.	
		1965			105.	
		1966			105.	
		1967			105.	
		1968			105.	
		1969			105.	
		1970			105.	
		1971			105.	
		1972			105.	
		1973			105.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
50 27	D-18-13-05	1974			105.	
		1975			105.	
		1976			105.	
		1977			105.	
		1978			105.	
		1979			105.	
50 30	D-18-13-02	1960	412.			
		1963	316.			
		1964	649.			
		1965	296.			
		1966	204.			
		1968	107.			
		1969	232.			
50 31	D-18-13-01	1960	491.		110.	
		1961	479.		110.	
		1962	537.		110.	
		1963	398.		110.	
		1964	355.		110.	
		1965	397.		110.	
		1966	296.		110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			220.	
		1971			220.	
		1972			220.	
		1973			220.	
		1974			220.	
		1975			220.	
		1976			220.	
		1977			220.	
		1978			220.	
		1979			220.	
50 41	D-18-15-03	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
50 41	D-18-15-03	1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
51 27	D-18-13-08	1960			210.	
		1961			210.	
		1962			210.	
		1963			210.	
		1964			210.	
		1965			210.	
		1966			210.	
		1967			210.	
		1968			210.	
		1969			210.	
		1970			210.	
		1971			210.	
		1972			210.	
		1973			210.	
		1974			210.	
		1975			210.	
		1976			210.	
		1977			210.	
		1978			210.	
		1979			210.	
51 30	D-18-13-11	1960			100.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
51 30	D-18-13-11	1961			100.	
		1962			100.	
		1963	256.		100.	
		1964	86.		100.	
		1965	124.		100.	
		1966	254.		100.	
		1967	242.		100.	
		1968			100.	
		1969			100.	
		1970	18.		200.	
		1971	17.		200.	
		1972	18.		200.	
		1973	15.		200.	
		1974			200.	
		1975			200.	
		1976			200.	
		1977			200.	
		1978			200.	
		1979			200.	
51 31	D-18-13-12	1960			10.	
		1961			10.	
		1962			10.	
		1963	709.		10.	
		1964	760.		10.	
		1965	829.		10.	
		1966	702.		10.	
		1967	628.		10.	
		1968	375.		10.	
		1969	639.		10.	
		1970	517.		10.	
		1971	484.		10.	
		1972	460.		10.	
		1973	479.		10.	
		1974	483.		10.	
		1975	548.		10.	
		1976	568.		10.	
		1977	557.		10.	
		1978	481.		10.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
51 31	D-18-13-12	1979	481.		10.	
51 33	D-18-14-08	1962	90.			
		1963	80.			
		1964	71.			
		1965	80.			
		1966	59.			
51 41	D-18-15-10	1960			296.	
		1961			296.	
		1962			296.	
		1963			296.	
		1964			296.	
		1965			296.	
		1966			296.	
		1967			296.	
		1968			296.	
		1969			296.	
		1970			296.	
		1971			296.	
		1972			296.	
		1973			296.	
		1974			296.	
		1975			296.	
		1976			296.	
		1977			296.	
		1978			296.	
		1979			296.	
52 27	D-18-13-17	1960			105.	
		1961			105.	
		1962			105.	
		1963			105.	
		1964			105.	
		1965			105.	
		1966			105.	
		1967			105.	
		1968			105.	
		1969			105.	
		1970			105.	746.

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
52 27	0-18-13-17	1971			105.	1049.
		1972			105.	1010.
		1973			105.	1079.
		1974			105.	1150.
		1975			105.	1295.
		1976			105.	1358.
		1977			105.	1167.
		1978			105.	1055.
		1979			105.	1201.
52 30	0-18-13-14	1960	501.		110.	
		1961	583.		110.	
		1962	513.		110.	
		1963	236.		110.	
		1964	317.		110.	
		1965	215.		110.	
		1966	57.		110.	
		1967	198.		110.	
		1968			110.	
		1969	104.		110.	
		1970	142.		220.	
		1971	133.		220.	
		1972	102.		220.	
		1973	109.		220.	
		1974	122.		220.	
		1975	123.		220.	
		1976	123.		220.	
		1977	120.		220.	
		1978	123.		220.	
		1979	109.		220.	
52 31	0-18-13-13	1960	418.			
		1961	390.			
		1962	249.			
		1963	417.			
		1964	356.			
		1965	597.			
		1966	426.			
		1967	424.			
		1968	530.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
52 31	D-18-13-13	1969	291.			
		1970	269.			
		1971	285.			
		1972	331.			
		1973	293.			
		1974	270.			
		1975	322.			
		1976	288.			
		1977	275.			
		1978	305.			
		1979	211.			
52 40	D-18-15-16	1960			296.	
		1961			296.	
		1962			296.	
		1963			296.	
		1964			296.	
		1965			296.	
		1966			296.	
		1967			296.	
		1968			296.	
		1969			296.	
		1970			296.	
		1971			296.	
		1972			296.	
		1973			296.	
		1974			296.	
		1975			296.	
		1976			296.	
		1977			296.	
		1978			296.	
		1979			296.	
53 27	D-18-13-20	1960			105.	
		1961			105.	
		1962			105.	
		1963			105.	
		1964			105.	
		1965			105.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
53 27	D-18-13-20	1966			105.	
		1967			105.	
		1968			105.	
		1969			105.	
		1970			105.	1864.
		1971			105.	2623.
		1972			105.	2524.
		1973			105.	2698.
		1974			105.	2874.
		1975			105.	3238.
		1976			105.	3395.
		1977			105.	2916.
		1978			105.	2636.
		1979			105.	3003.
53 30	D-18-13-23	1960	445.		110.	
		1961	409.		110.	
		1962	460.		110.	
		1963	479.		110.	
		1964	487.		110.	
		1965	561.		110.	
		1966	169.		110.	
		1967	351.		110.	
		1968	135.		110.	
		1969	447.		110.	
		1970	428.		220.	
		1971	311.		220.	
		1972	278.		220.	
		1973	261.		220.	
		1974	253.		220.	
		1975	330.		220.	
		1976	287.		220.	
		1977	274.		220.	
		1978	76.		220.	
		1979	194.		220.	
53 31	D-18-13-24	1960	13.			
		1965	13.			
		1967	23.			
		1969	18.			

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
53 31	D-18-13-24	1970	28.			
		1971	24.			
		1972	19.			
		1976	25.			
		1978	39.			
53 39	D-18-15-20	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
54 27	D-18-13-29	1970				1864.
		1971				2623.
		1972				2523.
		1973				2698.
		1974				2874.
		1975				3238.
		1976				3395.
		1977				2916.
		1978				2636.
		1979				3003.
54 29	D-18-13-27	1960	58.			
		1962	10.			
		1963	75.			

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
54 29	D-18-13-27	1964	43.			
		1965	60.			
		1967	65.			
		1969	81.			
		1970	46.			
		1971	72.			
		1972	85.			
		1973	79.			
		1975	52.			
		1976	33.			
		1977	32.			
		1978	24.			
		1979	35.			
54 30	D-18-13-26	1960	339.		110.	
		1961	248.		110.	
		1962	507.		110.	
		1963	425.		110.	
		1964	489.		110.	
		1965	600.		110.	
		1966	286.		110.	
		1967	366.		110.	
		1968	249.		110.	
		1969	439.		110.	
		1970	330.		220.	
		1971	341.		220.	
		1972	364.		220.	
		1973	325.		220.	
		1974	340.		220.	
		1975	326.		220.	
		1976	331.		220.	
		1977	293.		220.	
		1978	271.		220.	
		1979	238.		220.	
54 39	D-18-15-25	1960			74.	
		1961			74.	
		1962			74.	
		1963			74.	
		1964			74.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
54 39	D-18-15-29	1965			74.	
		1966			74.	
		1967			74.	
		1968			74.	
		1969			74.	
		1970			74.	
		1971			74.	
		1972			74.	
		1973			74.	
		1974			74.	
		1975			74.	
		1976			74.	
		1977			74.	
		1978			74.	
		1979			74.	
55 27	D-18-13-32	1960			105.	
		1961			105.	
		1962			105.	
		1963			105.	
		1964			105.	
		1965			105.	
		1966			105.	
		1967			105.	
		1968			105.	
		1969			105.	
		1970			105.	
		1971			105.	
		1972			105.	
		1973			105.	
		1974			105.	
		1975			105.	
		1976			105.	
		1977			105.	
		1978			105.	
		1979			105.	
55 29	D-18-13-34	1960	233.		110.	
		1961	305.		110.	
		1962	410.		110.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
55 29	D-18-13-34	1963	241.		110.	
		1964	192.		110.	
		1965	283.		110.	
		1966	167.		110.	
		1967	221.		110.	
		1968	173.		110.	
		1969	312.		110.	
		1970	142.		220.	
		1971	186.		220.	
		1972	170.		220.	
		1973	208.		220.	
		1974	190.		220.	
		1975	181.		220.	
		1976	211.		220.	
		1977	124.		220.	
		1978	79.		220.	
		1979	133.		220.	
55 30	D-18-13-35	1960	132.			
		1963	303.			
		1964	182.			
		1965	341.			
		1966	168.			
		1967	162.			
		1968	193.			
		1969	159.			
		1970	129.			
		1971	132.			
		1972	119.			
		1973	132.			
		1974	141.			
		1975	139.			
		1976	133.			
		1977	140.			
		1978	140.			
		1979	93.			
55 39	D-18-15-32	1960			148.	
		1961			148.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
55 39	D-18-15-32	1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			296.	
		1971			296.	
		1972			296.	
		1973			296.	
		1974			296.	
		1975			296.	
		1976			296.	
		1977			296.	
		1978			296.	
		1979			296.	
56 21	D-19-12-05	1960			52.	
		1961			52.	
		1962			52.	
		1963			52.	
		1964			52.	
		1965			52.	
		1966			52.	
		1967			52.	
		1968			52.	
		1969			52.	
		1970			52.	
		1971			52.	
		1972			52.	
		1973			52.	
		1974			52.	
		1975			52.	
		1976			52.	
		1977			52.	
		1978			52.	
		1979			52.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
56 22	D-19-12-04	1960			26.	
		1961			26.	
		1962			26.	
		1963			26.	
		1964			26.	
		1965			26.	
		1966			26.	
		1967			26.	
		1968			26.	
		1969			26.	
		1970			26.	
		1971			26.	
		1972			26.	
		1973			26.	
		1974			26.	
		1975			26.	
		1976			26.	
		1977			26.	
		1978			26.	
		1979			26.	
56 23	D-19-12-03	1960			26.	
		1961			26.	
		1962			26.	
		1963			26.	
		1964			26.	
		1965			26.	
		1966			26.	
		1967			26.	
		1968			26.	
		1969			26.	
		1970			26.	
		1971			26.	
		1972			26.	
		1973			26.	
		1974			26.	
		1975			26.	
		1976			26.	
		1977			26.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
56 23	D-19-12-03	1978			26.	
		1979			26.	
56 24	D-19-12-02	1960			26.	
		1961			26.	
		1962			26.	
		1963			26.	
		1964			26.	
		1965			26.	
		1966			26.	
		1967			26.	
		1968			26.	
		1969			26.	
		1970			26.	
		1971			26.	
		1972			26.	
		1973			26.	
		1974			26.	
		1975			26.	
		1976			26.	
		1977			26.	
		1978			26.	
		1979			26.	
56 25	D-19-12-01	1960			26.	
		1961			26.	
		1962			26.	
		1963			26.	
		1964			26.	
		1965			26.	
		1966			26.	
		1967			26.	
		1968			26.	
		1969			26.	
		1970			26.	
		1971			26.	
		1972			26.	
		1973			26.	
		1974			26.	
		1975			26.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
56 25	D-19-12-01	1976			26.	
		1977			26.	
		1978			26.	
		1979			26.	
56 26	D-19-13-06	1960			53.	
		1961			53.	
		1962			53.	
		1963			53.	
		1964			53.	
		1965			53.	
		1966			53.	
		1967			53.	
		1968			53.	
		1969			53.	
		1970			53.	
		1971			53.	
		1972			53.	
		1973			53.	
		1974			53.	
		1975			53.	
		1976			53.	
		1977			53.	
		1978			53.	
		1979			53.	
56 29	D-19-13-03	1960	300.		110.	
		1961	74.		110.	
		1962			110.	
		1963	199.		110.	
		1964	305.		110.	
		1965	307.		110.	
		1966	189.		110.	
		1967	158.		110.	
		1968	109.		110.	
		1969	244.		110.	
		1970	147.		220.	
		1971	119.		220.	
		1972	156.		220.	
		1973	138.		220.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
56 29	D-19-13-03	1974	118.		220.	
		1975	111.		220.	
		1976	111.		220.	
		1977	110.		220.	
		1978	100.		220.	
		1979	140.		220.	
56 39	D-19-15-05	1960			74.	
		1961			74.	
		1962			74.	
		1963			74.	
		1964			74.	
		1965			74.	
		1966			74.	
		1967			74.	
		1968			74.	
		1969			74.	
		1970			54.	
		1971			54.	
		1972			54.	
		1973			54.	
		1974			54.	
		1975			54.	
		1976			54.	
		1977			54.	
		1978			54.	
		1979			54.	
57 28	D-19-13-09	1960			10.	
		1961			10.	
		1962			10.	
		1963			10.	
		1964			10.	
		1965			10.	
		1966			10.	
		1967			10.	
		1968			10.	
		1969			10.	
		1970			20.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
57 28	D-19-13-09	1971			20.	
		1972			20.	
		1973			20.	
		1974			20.	
		1975			20.	
		1976			20.	
		1977			20.	
		1978			20.	
		1979			20.	
57 29	D-19-13-10	1960			100.	
		1961			100.	
		1962			100.	
		1963			100.	
		1964			100.	
		1965			100.	
		1966			100.	
		1967			100.	
		1968			100.	
		1969			100.	
		1970			210.	
		1971			210.	
		1972			210.	
		1973			210.	
		1974			210.	
		1975			210.	
		1976			210.	
		1977			210.	
		1978			210.	
		1979			210.	
57 36	D-19-14-11E	1960			74.	
		1961			74.	
		1962			74.	
		1963			74.	
		1964			74.	
		1965			74.	
		1966			74.	
		1967			74.	
		1968			74.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
57 36	D-19-14-11B	1969			74.	
		1970			74.	
		1971			74.	
		1972			74.	
		1973			74.	
		1974			74.	
		1975			74.	
		1976			74.	
		1977			74.	
		1978			74.	
		1979			74.	
57 37	D-19-14-12B	1960			74.	
		1961			74.	
		1962			74.	
		1963			74.	
		1964			74.	
		1965			74.	
		1966			74.	
		1967			74.	
		1968			74.	
		1969			74.	
		1970			74.	
		1971			74.	
		1972			74.	
		1973			74.	
		1974			74.	
		1975			74.	
		1976			74.	
		1977			74.	
		1978			74.	
		1979			74.	
57 38	D-19-15-07	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
57 38	D-19-15-07	1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
57 39	D-19-15-08	1960			222.	
		1961			222.	
		1962			222.	
		1963			222.	
		1964			222.	
		1965			222.	
		1966			222.	
		1967			222.	
		1968			222.	
		1969			222.	
		1970			222.	
		1971			222.	
		1972			222.	
		1973			222.	
		1974			222.	
		1975			222.	
		1976			222.	
		1977			222.	
		1978			222.	
		1979			222.	
58 28	D-19-13-16	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
58 28	D-19-13-16	1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			220.	
		1971			220.	
		1972			220.	
		1973			220.	
		1974			220.	
		1975			220.	
		1976			220.	
		1977			220.	
		1978			220.	
		1979			220.	
58 35	D-19-14-15B	1960			296.	
		1961			296.	
		1962			296.	
		1963			296.	
		1964			296.	
		1965			296.	
		1966			296.	
		1967			296.	
		1968			296.	
		1969			296.	
		1970			296.	
		1971			296.	
		1972			296.	
		1973			296.	
		1974			296.	
		1975			296.	
		1976			296.	
		1977			296.	
		1978			296.	
		1979			296.	
59 27	D-19-13-20	1960			55.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
59 27	D-19-13-20	1961			55.	
		1962			55.	
		1963			55.	
		1964			55.	
		1965			55.	
		1966			55.	
		1967			55.	
		1968			55.	
		1969			55.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	
		1979			110.	
59 28	D-19-13-21	1960			55.	
		1961			55.	
		1962			55.	
		1963			55.	
		1964			55.	
		1965			55.	
		1966			55.	
		1967			55.	
		1968			55.	
		1969			55.	
		1970			110.	
		1971			110.	
		1972			110.	
		1973			110.	
		1974			110.	
		1975			110.	
		1976			110.	
		1977			110.	
		1978			110.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
59 28	D-19-13-21	1979			110.	
59 34	D-19-14-21B	1960			296.	
		1961			296.	
		1962			296.	
		1963			296.	
		1964			296.	
		1965			296.	
		1966			296.	
		1967			296.	
		1968			296.	
		1969			296.	
		1970			296.	
		1971			296.	
		1972			296.	
		1973			296.	
		1974			296.	
		1975			296.	
		1976			296.	
		1977			296.	
		1978			296.	
		1979			296.	
60 27	D-19-13-29	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			220.	
		1971			220.	
		1972			220.	
		1973			220.	
		1974			220.	
		1975			220.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
60 27	D-19-13-29	1976			220.	
		1977			220.	
		1978			220.	
		1979			220.	
60 32	D-19-14-30B	1960			148.	
		1961			148.	
		1962			148.	
		1963			148.	
		1964			148.	
		1965			148.	
		1966			148.	
		1967			148.	
		1968			148.	
		1969			148.	
		1970			148.	
		1971			148.	
		1972			148.	
		1973			148.	
		1974			148.	
		1975			148.	
		1976			148.	
		1977			148.	
		1978			148.	
		1979			148.	
60 33	D-19-14-29B	1960			296.	
		1961			296.	
		1962			296.	
		1963			296.	
		1964			296.	
		1965			296.	
		1966			296.	
		1967			296.	
		1968			296.	
		1969			296.	
		1970			296.	
		1971			296.	
		1972			296.	
		1973			296.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
60 33	D-19-14-29B	1974			296.	
		1975			296.	
		1976			296.	
		1977			296.	
		1978			296.	
		1979			296.	
61 27	D-19-13-32	1960			110.	
		1961			110.	
		1962			110.	
		1963			110.	
		1964			110.	
		1965			110.	
		1966			110.	
		1967			110.	
		1968			110.	
		1969			110.	
		1970			220.	
		1971			220.	
		1972			220.	
		1973			220.	
		1974			220.	
		1975			220.	
		1976			220.	
		1977			220.	
		1978			220.	
		1979			220.	
61 31	D-19-13-36	1960			296.	
		1961			296.	
		1962			296.	
		1963			296.	
		1964			296.	
		1965			296.	
		1966			296.	
		1967			296.	
		1968			296.	
		1969			296.	
		1970			296.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
61 31	D-19-13-36	1971			296.	
		1972			296.	
		1973			296.	
		1974			296.	
		1975			296.	
		1976			296.	
		1977			296.	
		1978			296.	
		1979			296.	
62 23	D-20-12-03	1960			248.	
		1961			248.	
		1962			248.	
		1963			248.	
		1964			248.	
		1965			248.	
		1966			248.	
		1967			248.	
		1968			248.	
		1969			248.	
		1970			248.	
		1971			248.	
		1972			248.	
		1973			248.	
		1974			248.	
		1975			248.	
		1976			248.	
		1977			248.	
		1978			248.	
		1979			248.	
62 24	D-20-12-02	1960			62.	
		1961			62.	
		1962			62.	
		1963			62.	
		1964			62.	
		1965			62.	
		1966			62.	
		1967			62.	
		1968			62.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
62 24	D-20-12-02	1969			62.	
		1970			62.	
		1971			62.	
		1972			62.	
		1973			62.	
		1974			62.	
		1975			62.	
		1976			62.	
		1977			62.	
		1978			62.	
		1979			62.	
62 25	D-20-12-01	1960			62.	
		1961			62.	
		1962			62.	
		1963			62.	
		1964			62.	
		1965			62.	
		1966			62.	
		1967			62.	
		1968			62.	
		1969			62.	
		1970			62.	
		1971			62.	
		1972			62.	
		1973			62.	
		1974			62.	
		1975			62.	
		1976			62.	
		1977			62.	
		1978			62.	
		1979			62.	
62 26	D-20-13-06	1960			300.	
		1961			300.	
		1962			300.	
		1963			300.	
		1964			300.	
		1965			300.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
62 26	D-20-13-06	1966			300.	
		1967			300.	
		1968			300.	
		1969			300.	
		1970			300.	
		1971			300.	
		1972			300.	
		1973	66.		300.	
		1974	61.		300.	
		1975	76.		300.	
		1976	10.		300.	
		1977	12.		300.	
		1978			300.	
		1979			300.	
62 27	D-20-13-05	1960			27.	
		1961			27.	
		1962			27.	
		1963			27.	
		1964			27.	
		1965			27.	
		1966			27.	
		1967			27.	
		1968			27.	
		1969			27.	
		1970			27.	
		1971			27.	
		1972			27.	
		1973			27.	
		1974			27.	
		1975			27.	
		1976			27.	
		1977			27.	
		1978			27.	
		1979			27.	
62 30	D-20-13-02	1960			371.	
		1961			371.	
		1962			371.	
		1963			371.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
62 30	D-20-13-02	1964			371.	
		1965			371.	
		1966			371.	
		1967			371.	
		1968			371.	
		1969			371.	
		1970			371.	
		1971			371.	
		1972			371.	
		1973			371.	
		1974			371.	
		1975			371.	
		1976			371.	
		1977			371.	
		1978			371.	
		1979			371.	
63 23	D-20-12-10	1960			80.	
		1961			80.	
		1962			80.	
		1963			80.	
		1964			80.	
		1965			80.	
		1966			80.	
		1967			80.	
		1968			80.	
		1969			80.	
		1970			80.	
		1971			80.	
		1972			80.	
		1973			80.	
		1974			80.	
		1975			80.	
		1976			80.	
		1977			80.	
		1978			80.	
		1979			80.	
63 26	D-20-13-07	1960			265.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
63 26	D-20-13-07	1961			265.	
		1962			265.	
		1963			265.	
		1964			265.	
		1965			265.	
		1966			265.	
		1967			265.	
		1968			265.	
		1969			265.	
		1970			265.	
		1971			265.	
		1972			265.	
		1973			265.	
		1974			265.	
		1975			265.	
		1976			265.	
		1977			265.	
		1978			265.	
		1979			265.	
63 30	D-20-13-11	1960			371.	
		1961			371.	
		1962			371.	
		1963			371.	
		1964			371.	
		1965			371.	
		1966			371.	
		1967			371.	
		1968			371.	
		1969			371.	
		1970			371.	
		1971			371.	
		1972			371.	
		1973			371.	
		1974			371.	
		1975			371.	
		1976			371.	
		1977			371.	
		1978			371.	

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TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
63 30	D-20-13-11	1979			371.	
64 26	D-20-13-18	1960			265.	
		1961			265.	
		1962			265.	
		1963			265.	
		1964			265.	
		1965			265.	
		1966			265.	
		1967			265.	
		1968			265.	
		1969			265.	
		1970			265.	
		1971			265.	
		1972			265.	
		1973			265.	
		1974			265.	
		1975			265.	
		1976			265.	
		1977			265.	
		1978			265.	
		1979			265.	
64 28	D-20-13-16	1960			80.	
		1961			80.	
		1962			80.	
		1963			80.	
		1964			80.	
		1965			80.	
		1966			80.	
		1967			80.	
		1968			80.	
		1969			80.	
		1970			80.	
		1971			80.	
		1972			80.	
		1973			80.	
		1974			80.	
		1975			80.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
64 28	D-20-13-16	1976			80.	
		1977			80.	
		1978			80.	
		1979			80.	
64 30	D-20-13-14	1960			371.	
		1961			371.	
		1962			371.	
		1963			371.	
		1964			371.	
		1965			371.	
		1966			371.	
		1967			371.	
		1968			371.	
		1969			371.	
		1970			371.	
		1971			371.	
		1972			371.	
		1973			371.	
		1974			371.	
		1975			371.	
		1976			371.	
		1977			371.	
		1978			371.	
		1979			371.	
65 23	D-20-12-22	1960			80.	
		1961			80.	
		1962			80.	
		1963			80.	
		1964			80.	
		1965			80.	
		1966			80.	
		1967			80.	
		1968			80.	
		1969			80.	
		1970			80.	
		1971			80.	
		1972			80.	
		1973			80.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
65 23	D-20-12-22	1974			80.	
		1975			80.	
		1976			80.	
		1977			80.	
		1978			80.	
		1979			80.	
65 26	D-20-13-19	1960			265.	
		1961			265.	
		1962			265.	
		1963			265.	
		1964			265.	
		1965			265.	
		1966			265.	
		1967			265.	
		1968			265.	
		1969			265.	
		1970			265.	
		1971			265.	
		1972			265.	
		1973			265.	
		1974			265.	
		1975			265.	
		1976			265.	
		1977			265.	
		1978			265.	
		1979			265.	
65 30	D-20-13-23	1960			371.	
		1961			371.	
		1962			371.	
		1963			371.	
		1964			371.	
		1965			371.	
		1966			371.	
		1967			371.	
		1968			371.	
		1969			371.	
		1970			371.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
65 30	D-20-13-23	1971			371.	
		1972			371.	
		1973			371.	
		1974			371.	
		1975			371.	
		1976			371.	
		1977			371.	
		1978			371.	
		1979			371.	
66 23	D-20-12-27	1960			160.	
		1961			160.	
		1962			160.	
		1963			160.	
		1964			160.	
		1965			160.	
		1966			160.	
		1967			160.	
		1968			160.	
		1969			160.	
		1970			160.	
		1971			160.	
		1972			160.	
		1973			160.	
		1974			160.	
		1975			160.	
		1976			160.	
		1977			160.	
		1978			160.	
		1979			160.	
66 26	D-20-13-30	1960			265.	
		1961			265.	
		1962			265.	
		1963			265.	
		1964			265.	
		1965			265.	
		1966			265.	
		1967			265.	
		1968			265.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
66 26	D-20-13-30	1969			265.	
		1970			265.	
		1971			265.	
		1972			265.	
		1973			265.	
		1974			265.	
		1975			265.	
		1976			265.	
		1977			265.	
		1978			265.	
		1979			265.	
66 30	D-20-13-26	1960			371.	
		1961			371.	
		1962			371.	
		1963			371.	
		1964			371.	
		1965			371.	
		1966			371.	
		1967			371.	
		1968			371.	
		1969			371.	
		1970			371.	
		1971			371.	
		1972			371.	
		1973			371.	
		1974			371.	
		1975			371.	
		1976			371.	
		1977			371.	
		1978			371.	
		1979			371.	
67 24	D-20-12-35	1960			80.	
		1961			80.	
		1962			80.	
		1963			80.	
		1964			80.	
		1965			80.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
67 24	D-20-12-35	1966			80.	
		1967			80.	
		1968			80.	
		1969			80.	
		1970			80.	
		1971			80.	
		1972			80.	
		1973			80.	
		1974			80.	
		1975			80.	
		1976			80.	
		1977			80.	
		1978			80.	
		1979			80.	
67 26	D-20-13-31	1960			212.	
		1961			212.	
		1962			212.	
		1963			212.	
		1964			212.	
		1965			212.	
		1966			212.	
		1967			212.	
		1968			212.	
		1969			212.	
		1970			212.	
		1971			212.	
		1972			212.	
		1973			212.	
		1974			212.	
		1975			212.	
		1976			212.	
		1977			212.	
		1978			212.	
		1979			212.	
67 27	D-20-13-32	1960			53.	
		1961			53.	
		1962			53.	
		1963			53.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
67 27	D-20-13-32	1964			53.	
		1965			53.	
		1966			53.	
		1967			53.	
		1968			53.	
		1969			53.	
		1970			53.	
		1971			53.	
		1972			53.	
		1973			53.	
		1974			53.	
		1975			53.	
		1976			53.	
		1977			53.	
		1978			53.	
		1979			53.	
67 30	D-20-13-35	1960			371.	
		1961			371.	
		1962			371.	
		1963			371.	
		1964			371.	
		1965			371.	
		1966			371.	
		1967			371.	
		1968			371.	
		1969			371.	
		1970			371.	
		1971			371.	
		1972			371.	
		1973			371.	
		1974			371.	
		1975			371.	
		1976			371.	
		1977			371.	
		1978			371.	
		1979			371.	
68 24	D-21-12-02	1960			160.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
68 24	D-21-12-02	1961			160.	
		1962			160.	
		1963			160.	
		1964			160.	
		1965			160.	
		1966			160.	
		1967			160.	
		1968			160.	
		1969			160.	
		1970			160.	
		1971			160.	
		1972			160.	
		1973			160.	
		1974			160.	
		1975			160.	
		1976			160.	
		1977			160.	
		1978			160.	
		1979			160.	
68 27	D-21-13-05	1960			265.	
		1961			265.	
		1962			265.	
		1963			265.	
		1964			265.	
		1965			265.	
		1966			265.	
		1967			265.	
		1968			265.	
		1969			265.	
		1970			265.	
		1971			265.	
		1972			265.	
		1973			265.	
		1974			265.	
		1975			265.	
		1976			265.	
		1977			265.	
		1978			265.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
68 27	D-21-13-05	1979			265.	
68 30	D-21-13-02	1960			371.	
		1961			371.	
		1962			371.	
		1963			371.	
		1964			371.	
		1965			371.	
		1966			371.	
		1967			371.	
		1968			371.	
		1969			371.	
		1970			371.	
		1971			371.	
		1972			371.	
		1973			371.	
		1974			371.	
		1975			371.	
		1976			371.	
		1977			371.	
		1978			371.	
		1979			371.	
69 25	D-21-12-12	1960			80.	
		1961			80.	
		1962			80.	
		1963			80.	
		1964			80.	
		1965			80.	
		1966			80.	
		1967			80.	
		1968			80.	
		1969			80.	
		1970			80.	
		1971			80.	
		1972			80.	
		1973			80.	
		1974			80.	
		1975			80.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
69 25	D-21-12-12	1976			80.	
		1977			80.	
		1978			80.	
		1979			80.	
69 27	D-21-13-08	1960			265.	
		1961			265.	
		1962			265.	
		1963			265.	
		1964			265.	
		1965			265.	
		1966			265.	
		1967			265.	
		1968			265.	
		1969			265.	
		1970			265.	
		1971			265.	
		1972			265.	
		1973			265.	
		1974			265.	
		1975			265.	
		1976			265.	
		1977			265.	
		1978			265.	
		1979			265.	
69 30	D-21-13-11	1960			157.	
		1961			157.	
		1962			157.	
		1963			157.	
		1964			157.	
		1965			157.	
		1966			157.	
		1967			157.	
		1968			157.	
		1969			157.	
		1970			157.	
		1971			157.	
		1972			157.	
		1973			157.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
69 30	D-21-13-11	1974			157.	
		1975			157.	
		1976			157.	
		1977			157.	
		1978			157.	
		1979			157.	
70 25	D-21-12-13	1960			80.	
		1961			80.	
		1962			80.	
		1963			80.	
		1964			80.	
		1965			80.	
		1966			80.	
		1967			80.	
		1968			80.	
		1969			80.	
		1970			80.	
		1971			80.	
		1972			80.	
		1973			80.	
		1974			80.	
		1975			80.	
		1976			80.	
		1977			80.	
		1978			80.	
		1979			80.	
70 26	D-21-13-18	1960			185.	
		1961			185.	
		1962			185.	
		1963			185.	
		1964			185.	
		1965			185.	
		1966			185.	
		1967			185.	
		1968			185.	
		1969			185.	
		1970			185.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
70 26	D-21-13-18	1971			185.	
		1972			185.	
		1973			185.	
		1974			185.	
		1975			185.	
		1976			185.	
		1977			185.	
		1978			185.	
		1979			185.	
70 27	D-21-13-17	1960			80.	
		1961			80.	
		1962			80.	
		1963			80.	
		1964			80.	
		1965			80.	
		1966			80.	
		1967			80.	
		1968			80.	
		1969			80.	
		1970			80.	
		1971			80.	
		1972			80.	
		1973			80.	
		1974			80.	
		1975			80.	
		1976			80.	
		1977			80.	
		1978			80.	
		1979			80.	
70 30	D-21-13-14	1960			157.	
		1961			157.	
		1962			157.	
		1963			157.	
		1964			157.	
		1965			157.	
		1966			157.	
		1967			157.	
		1968			157.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
70 30	D-21-13-14	1969			157.	
		1970			157.	
		1971			157.	
		1972			157.	
		1973			157.	
		1974			157.	
		1975			157.	
		1976			157.	
		1977			157.	
		1978			157.	
		1979			157.	
71 25	D-21-12-24	1960			160.	
		1961			160.	
		1962			160.	
		1963			160.	
		1964			160.	
		1965			160.	
		1966			160.	
		1967			160.	
		1968			160.	
		1969			160.	
		1970			160.	
		1971			160.	
		1972			160.	
		1973			160.	
		1974			160.	
		1975			160.	
		1976			160.	
		1977			160.	
		1978			160.	
		1979			160.	
71 26	D-21-13-19	1960			265.	
		1961			265.	
		1962			265.	
		1963			265.	
		1964			265.	
		1965			265.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
71 26	D-21-13-15	1966			265.	
		1967			265.	
		1968			265.	
		1969			265.	
		1970			265.	
		1971			265.	
		1972			265.	
		1973			265.	
		1974			265.	
		1975			265.	
		1976			265.	
		1977			265.	
		1978			265.	
		1979			265.	
71 31	D-21-13-24	1960			250.	
		1961			250.	
		1962			250.	
		1963			250.	
		1964			250.	
		1965			250.	
		1966			250.	
		1967			250.	
		1968			250.	
		1969			250.	
		1970			250.	
		1971			250.	
		1972			250.	
		1973			250.	
		1974			250.	
		1975			250.	
		1976			250.	
		1977			250.	
		1978			250.	
		1979			250.	
72 26	D-21-13-30	1960			345.	
		1961			345.	
		1962			345.	
		1963			345.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
72 26	D-21-13-30	1964			345.	
		1965			345.	
		1966			345.	
		1967			345.	
		1968			345.	
		1969			345.	
		1970			345.	
		1971			345.	
		1972			345.	
		1973			345.	
		1974			345.	
		1975			345.	
		1976			345.	
		1977			345.	
		1978			345.	
		1979			345.	
72 31	D-21-13-25	1960			250.	
		1961			250.	
		1962			250.	
		1963			250.	
		1964			250.	
		1965			250.	
		1966			250.	
		1967			250.	
		1968			250.	
		1969			250.	
		1970			250.	
		1971			250.	
		1972			250.	
		1973			250.	
		1974			250.	
		1975			250.	
		1976			250.	
		1977			250.	
		1978			250.	
		1979			250.	
73 26	D-21-13-31	1960			296.	

TABLE 3.

CALIBRATED RECHARGE VALUES USED IN THE MODEL - IN ACRE FEET

NODE I,J	LOCATION G-TN-RN SEC	YEAR (1960-79)	AGR.	MUN.	NAT.	IND.
73 26	D-21-13-31	1961			296.	
		1962			296.	
		1963			296.	
		1964			296.	
		1965			296.	
		1966			296.	
		1967			296.	
		1968			296.	
		1969			296.	
		1970			296.	
		1971			296.	
		1972			296.	
		1973			296.	
		1974			296.	
		1975			296.	
		1976			296.	
		1977			296.	
		1978			296.	
		1979			296.	

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
02 14	D-10-11-06B	1705.	1675.	1675.	1672.	3.
02 15	D-10-11-05B	1720.	1685.	1680.	1680.	-0.
02 16	D-10-11-04B	1730.	1700.	1720.	1692.	28.
02 17	D-10-11-03B	1750.	1722.	1722.	1707.	15.
02 18	D-10-11-02B	1775.	1745.	1745.	1725.	20.
02 19	D-10-11-01B	1790.	1780.	1775.	1737.	38.
02 31	D-10-13-02	2970.	2970.	2955.	2988.	-33.
02 32	D-10-13-01	2975.	2970.	2960.	2989.	-29.
02 33	D-10-14-06	2973.	2980.	2970.	2993.	-23.
02 34	D-10-14-05	2975.	2985.	2992.	2997.	-5.
02 35	D-10-14-04	2980.	3000.	3010.	3007.	3.
02 36	D-10-14-03	2990.	3020.	3020.	3018.	2.
02 37	D-10-14-02	3005.	3030.	3035.	3026.	9.
02 38	D-10-14-01	3010.	3045.	3050.	3032.	18.
03 02	D-10-08-01C	1450.	1440.	1380.	1333.	47.
03 03	D-10-09-06C	1430.	1410.	1320.	1335.	-15.
03 04	D-10-09-05C	1460.	1380.	1350.	1336.	14.
03 05	D-10-09-04C	1500.	1420.	1380.	1361.	19.
03 06	D-10-09-03C	1534.	1475.	1450.	1398.	52.
03 07	D-10-09-02C	1570.	1510.	1498.	1433.	65.
03 08	D-10-09-01C	1600.	1550.	1525.	1485.	40.
03 09	D-10-10-08B	1630.	1600.	1575.	1526.	49.
03 10	D-10-10-09B	1652.	1635.	1600.	1560.	40.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
03 11	D-10-10-10B	1660.	1640.	1610.	1588.	22.
03 12	D-10-10-11B	1675.	1645.	1635.	1615.	20.
03 13	D-10-10-12B	1689.	1660.	1648.	1636.	12.
03 14	D-10-11-07B	1699.	1675.	1650.	1660.	-10.
03 15	D-10-11-08B	1720.	1690.	1675.	1676.	-1.
03 16	D-10-11-09B	1725.	1705.	1680.	1688.	-8.
03 17	D-10-11-10B	1750.	1725.	1720.	1705.	15.
03 18	D-10-11-11B	1770.	1750.	1745.	1721.	24.
03 19	D-10-11-12B	1790.	1785.	1780.	1732.	48.
03 31	D-10-13-11	2965.	2963.	2950.	2986.	-36.
03 32	D-10-13-12	2968.	2965.	2955.	2985.	-30.
03 33	D-10-14-07	2970.	2970.	2965.	2986.	-21.
03 34	D-10-14-08	2972.	2980.	2990.	2990.	0.
03 35	D-10-14-09	2980.	2995.	3005.	2998.	7.
03 36	D-10-14-10	2985.	3012.	3010.	3009.	1.
03 37	D-10-14-11	2994.	3025.	3015.	3018.	-3.
03 38	D-10-14-12	3005.	3040.	3010.	3027.	-17.
04 03	D-10-09-07C	1475.	1450.	1400.	1351.	49.
04 04	D-10-09-08C	1495.	1410.	1395.	1363.	32.
04 05	D-10-09-09C	1502.	1435.	1400.	1387.	13.
04 06	D-10-09-10C	1540.	1480.	1459.	1430.	29.
04 07	D-10-09-11C	1580.	1505.	1498.	1463.	35.
04 08	D-10-09-12C	1608.	1550.	1525.	1497.	28.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
04 09	D-10-10-18B	1635.	1600.	1560.	1534.	26.
04 10	D-10-10-16B	1657.	1620.	1605.	1566.	39.
04 11	D-10-10-15B	1649.	1630.	1600.	1591.	9.
04 12	D-10-10-14B	1668.	1655.	1600.	1613.	-13.
04 13	D-10-10-13B	1686.	1665.	1645.	1634.	11.
04 14	D-10-11-18B	1698.	1680.	1675.	1656.	19.
04 15	D-10-11-17B	1725.	1690.	1679.	1672.	7.
04 16	D-10-11-16B	1730.	1703.	1700.	1685.	15.
04 17	D-10-11-15B	1750.	1730.	1725.	1701.	24.
04 18	D-10-11-14B	1775.	1750.	1745.	1716.	29.
04 19	D-10-11-13B	1805.	1790.	1780.	1727.	53.
04 32	D-10-13-13	2962.	2959.	2945.	2975.	-30.
04 33	D-10-14-18	2965.	2965.	2950.	2975.	-25.
04 34	D-10-14-17	2968.	2975.	2950.	2979.	-29.
04 35	D-10-14-16	2972.	2995.	2975.	2988.	-13.
04 36	D-10-14-15	2985.	3010.	2995.	3000.	-5.
04 37	D-10-14-14	2995.	3025.	3002.	3011.	-9.
04 38	D-10-14-13	3005.	3040.	3005.	3021.	-16.
05 04	D-10-09-17C	1520.	1480.	1425.	1389.	36.
05 05	D-10-09-16C	1545.	1490.	1440.	1419.	21.
05 06	D-10-09-15C	1570.	1510.	1500.	1463.	37.
05 07	D-10-09-14C	1595.	1545.	1510.	1486.	24.
05 08	D-10-09-13C	1620.	1570.	1550.	1508.	42.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
05 09	D-10-10-20B	1645.	1620.	1600.	1542.	58.
05 10	D-10-10-21B	1660.	1645.	1620.	1571.	49.
05 11	D-10-10-22B	1655.	1650.	1610.	1595.	15.
05 12	D-10-10-23B	1660.	1645.	1600.	1615.	-15.
05 13	D-10-10-24B	1688.	1665.	1610.	1634.	-24.
05 14	D-10-11-19B	1710.	1695.	1680.	1654.	26.
05 15	D-10-11-20B	1725.	1698.	1680.	1670.	10.
05 16	D-10-11-21B	1736.	1710.	1709.	1682.	27.
05 17	D-10-11-22B	1748.	1735.	1714.	1697.	17.
05 18	D-10-11-23B	1775.	1752.	1745.	1710.	35.
05 19	D-10-11-24B	1810.	1795.	1775.	1721.	54.
05 32	D-10-13-24	2957.	2955.	2943.	2956.	-13.
05 33	D-10-14-19	2960.	2958.	2940.	2959.	-19.
05 34	D-10-14-20	2963.	2969.	2950.	2964.	-14.
05 35	D-10-14-21	2970.	2990.	2975.	2976.	-1.
05 36	D-10-14-22	2980.	3009.	2990.	2990.	-0.
05 37	D-10-14-23	2992.	3025.	3010.	3004.	6.
05 38	D-10-14-24	3020.	3035.	3010.	3015.	-5.
06 06	D-10-09-27A	1640.	1610.	1570.	1491.	79.
06 07	D-10-09-23C	1608.	1580.	1525.	1512.	13.
06 08	D-10-09-24C	1618.	1590.	1570.	1531.	39.
06 09	D-10-10-30B	1650.	1605.	1570.	1558.	12.
06 10	D-10-10-29A	1668.	1650.	1600.	1579.	21.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
06 11	D-10-10-28A	1673.	1660.	1620.	1599.	21.
06 12	D-10-10-27A	1680.	1665.	1610.	1617.	-7.
06 13	D-10-10-26A	1692.	1670.	1630.	1635.	-5.
06 14	D-10-11-30B	1712.	1685.	1650.	1651.	-1.
06 15	D-10-11-29B	1725.	1702.	1675.	1665.	10.
06 16	D-10-11-28B	1737.	1710.	1690.	1677.	13.
06 17	D-10-11-27B	1747.	1720.	1709.	1693.	16.
06 18	D-10-11-26B	1770.	1745.	1740.	1707.	33.
06 19	D-10-11-25B	1800.	1780.	1775.	1716.	59.
06 32	D-10-13-25	2940.	2945.	2942.	2930.	12.
06 33	D-10-14-30	2948.	2955.	2940.	2937.	3.
06 34	D-10-14-29	2958.	2957.	2945.	2944.	1.
06 35	D-10-14-28	2968.	2972.	2950.	2959.	-9.
06 36	D-10-14-27	2978.	2985.	2975.	2979.	-4.
06 37	D-10-14-26	2991.	3023.	3000.	2995.	5.
06 38	D-10-14-25	3020.	3031.	3030.	3011.	19.
07 07	D-10-09-26C	1635.	1608.	1580.	1549.	31.
07 08	D-10-09-25C	1630.	1600.	1570.	1560.	10.
07 09	D-10-10-32B	1660.	1630.	1590.	1573.	17.
07 10	D-10-10-33B	1676.	1648.	1595.	1586.	9.
07 11	D-10-10-34B	1684.	1650.	1640.	1603.	37.
07 12	D-10-10-35B	1690.	1660.	1625.	1620.	5.
07 13	D-10-10-36B	1694.	1675.	1630.	1635.	-5.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
07 14	D-10-11-31B	1705.	1685.	1640.	1648.	-8.
07 15	D-10-11-32B	1722.	1695.	1650.	1660.	-10.
07 16	D-10-11-33B	1735.	1700.	1675.	1673.	2.
07 17	D-10-11-34B	1748.	1710.	1700.	1688.	12.
07 18	D-10-11-35B	1770.	1740.	1735.	1703.	32.
07 19	D-10-11-36B	1790.	1765.	1760.	1714.	46.
07 32	D-10-13-36	2920.	2900.	2875.	2897.	-22.
07 33	D-10-14-31	2935.	2935.	2930.	2910.	20.
07 34	D-10-14-32	2950.	2947.	2935.	2921.	14.
07 35	D-10-14-33	2965.	2960.	2950.	2940.	10.
07 36	D-10-14-34	2980.	2975.	2965.	2968.	-3.
07 37	D-10-14-35	3010.	3000.	2985.	2985.	-0.
08 07	D-10-09-36C	1670.	1625.	1580.	1572.	8.
08 08	D-10-10-31C	1665.	1625.	1566.	1578.	-12.
08 09	D-11-10-05	1672.	1630.	1585.	1585.	0.
08 10	D-11-10-04	1682.	1645.	1600.	1593.	7.
08 11	D-11-10-03	1700.	1650.	1645.	1606.	39.
08 12	D-11-10-02	1710.	1670.	1650.	1623.	27.
08 13	D-11-10-01	1705.	1660.	1635.	1633.	2.
08 14	D-11-11-06	1699.	1680.	1626.	1645.	-19.
08 15	D-11-11-05	1716.	1690.	1625.	1658.	-33.
08 16	D-11-11-04	1732.	1695.	1650.	1671.	-21.
08 17	D-11-11-03	1748.	1705.	1675.	1686.	-11.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
08 18	D-11-11-02	1770.	1735.	1730.	1702.	28.
08 19	D-11-11-01	1790.	1765.	1755.	1719.	36.
08 20	D-11-12-06	1875.	1835.	1790.	1743.	47.
08 32	D-11-14-06	2865.	2850.	2820.	2856.	-36.
08 33	D-11-14-05	2905.	2875.	2875.	2873.	2.
08 34	D-11-14-04	2940.	2920.	2920.	2886.	34.
08 35	D-11-14-03	2963.	2950.	2925.	2899.	26.
08 36	D-11-14-02	2995.	2960.	2950.	2945.	5.
09 06	D-11-09-11	1692.	1660.	1600.	1608.	-8.
09 07	D-11-09-12	1685.	1650.	1590.	1593.	-3.
09 08	D-11-10-07	1680.	1630.	1590.	1594.	-4.
09 09	D-11-10-08	1680.	1635.	1592.	1594.	-2.
09 10	D-11-10-09	1690.	1640.	1600.	1601.	-1.
09 11	D-11-10-10	1705.	1650.	1625.	1605.	20.
09 12	D-11-10-11	1710.	1670.	1650.	1624.	26.
09 13	D-11-10-12	1715.	1659.	1655.	1625.	30.
09 14	D-11-11-07	1710.	1665.	1640.	1638.	2.
09 15	D-11-11-08	1705.	1660.	1643.	1655.	-12.
09 16	D-11-11-09	1722.	1680.	1645.	1669.	-24.
09 17	D-11-11-10	1740.	1710.	1650.	1686.	-36.
09 18	D-11-11-11	1760.	1730.	1700.	1705.	-5.
09 19	D-11-11-12	1805.	1760.	1720.	1728.	-8.
09 20	D-11-12-07	1875.	1835.	1770.	1756.	14.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
09 32	D-11-14-07	2800.	2800.	2750.	2812.	-62.
09 33	D-11-14-08	2837.	2825.	2820.	2830.	-10.
09 34	D-11-14-09	2890.	2865.	2865.	2855.	10.
09 35	D-11-14-10	2935.	2900.	2885.	2870.	15.
09 36	D-11-14-11	2983.	2910.	2900.	2889.	11.
10 06	D-11-09-14	1705.	1670.	1640.	1624.	16.
10 07	D-11-09-13	1696.	1665.	1625.	1613.	12.
10 08	D-11-10-18	1692.	1638.	1620.	1610.	10.
10 09	D-11-10-17	1689.	1640.	1620.	1610.	10.
10 10	D-11-10-16	1687.	1650.	1630.	1611.	19.
10 11	D-11-10-15	1695.	1653.	1633.	1617.	16.
10 12	D-11-10-14	1700.	1669.	1625.	1630.	-5.
10 13	D-11-10-13	1705.	1650.	1630.	1630.	0.
10 14	D-11-11-18	1715.	1649.	1638.	1641.	-3.
10 15	D-11-11-17	1712.	1655.	1640.	1655.	-15.
10 16	D-11-11-16	1715.	1670.	1645.	1667.	-22.
10 17	D-11-11-15	1730.	1700.	1650.	1689.	-39.
10 18	D-11-11-14	1750.	1730.	1690.	1712.	-22.
10 19	D-11-11-13	1800.	1760.	1720.	1739.	-19.
10 20	D-11-12-18	1875.	1820.	1750.	1773.	-23.
10 21	D-11-12-17	1925.	1875.	1800.	1836.	-36.
10 22	D-11-12-16	1975.	1925.	1900.	1906.	-6.
10 32	D-11-14-18	2750.	2750.	2660.	2749.	-89.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
10 33	D-11-14-17	2765.	2765.	2750.	2768.	-18.
10 34	D-11-14-16	2815.	2815.	2800.	2796.	4.
10 35	D-11-14-15	2865.	2850.	2850.	2830.	20.
10 36	D-11-14-14	2930.	2875.	2860.	2880.	-20.
11 02	D-11-09-19	1741.	1710.	1700.	1695.	5.
11 03	D-11-09-20	1740.	1708.	1690.	1693.	-3.
11 04	D-11-09-21	1735.	1705.	1685.	1686.	-1.
11 05	D-11-09-22	1730.	1690.	1660.	1672.	-12.
11 06	D-11-09-23	1720.	1680.	1650.	1648.	2.
11 07	D-11-09-24	1710.	1675.	1650.	1631.	19.
11 08	D-11-10-19	1703.	1662.	1625.	1625.	-0.
11 09	D-11-10-20	1697.	1665.	1627.	1622.	5.
11 10	D-11-10-21	1695.	1670.	1625.	1621.	4.
11 11	D-11-10-22	1695.	1660.	1620.	1628.	-8.
11 12	D-11-10-23	1697.	1658.	1610.	1631.	-21.
11 13	D-11-10-24	1700.	1654.	1638.	1640.	-2.
11 14	D-11-11-19	1725.	1660.	1645.	1650.	-5.
11 15	D-11-11-20	1732.	1660.	1650.	1654.	-4.
11 16	D-11-11-21	1720.	1675.	1660.	1669.	-9.
11 17	D-11-11-22	1720.	1700.	1670.	1693.	-23.
11 18	D-11-11-23	1740.	1720.	1680.	1719.	-39.
11 19	D-11-11-24	1775.	1750.	1685.	1745.	-60.
11 20	D-11-12-19	1875.	1815.	1750.	1789.	-39.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
11 21	D-11-12-20	1925.	1870.	1810.	1853.	-43.
11 22	D-11-12-21	1975.	1930.	1900.	1914.	-14.
11 23	D-11-12-22	2020.	1975.	1950.	1967.	-17.
11 24	D-11-12-23	2060.	2040.	2010.	2001.	9.
11 32	D-11-14-19	2650.	2660.	2625.	2668.	-43.
11 33	D-11-14-20	2680.	2700.	2650.	2694.	-44.
11 34	D-11-14-21	2720.	2750.	2700.	2730.	-30.
11 35	D-11-14-22	2825.	2805.	2800.	2762.	38.
12 02	D-11-09-30	1745.	1714.	1705.	1696.	9.
12 03	D-11-09-29	1743.	1710.	1700.	1693.	7.
12 04	D-11-09-28	1741.	1708.	1695.	1690.	5.
12 05	D-11-09-27	1738.	1695.	1685.	1678.	7.
12 06	D-11-09-26	1735.	1690.	1675.	1660.	15.
12 07	D-11-09-25	1725.	1685.	1670.	1647.	23.
12 08	D-11-10-30	1718.	1665.	1650.	1640.	10.
12 09	D-11-10-29	1710.	1668.	1645.	1633.	12.
12 10	D-11-10-28	1708.	1670.	1645.	1633.	12.
12 11	D-11-10-27	1708.	1675.	1645.	1637.	8.
12 12	D-11-10-26	1712.	1680.	1640.	1639.	1.
12 13	D-11-10-25	1712.	1675.	1640.	1646.	-6.
12 14	D-11-11-30	1707.	1675.	1640.	1661.	-21.
12 15	D-11-11-29	1720.	1678.	1650.	1664.	-14.
12 16	D-11-11-28	1720.	1683.	1660.	1669.	-9.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
12 17	D-11-11-27	1728.	1696.	1670.	1699.	-29.
12 18	D-11-11-26	1740.	1720.	1680.	1728.	-48.
12 19	D-11-11-25	1750.	1740.	1690.	1753.	-63.
12 20	D-11-12-30	1875.	1805.	1760.	1798.	-38.
12 21	D-11-12-29	1925.	1900.	1850.	1860.	-10.
12 22	D-11-12-28	1975.	1948.	1925.	1920.	5.
12 23	D-11-12-27	2020.	1990.	1975.	1972.	3.
12 24	D-11-12-26	2060.	2050.	2050.	2012.	38.
12 25	D-11-12-25	2120.	2110.	2100.	2060.	40.
12 28	D-11-13-28	2240.	2230.	2225.	2268.	-43.
12 29	D-11-13-27	2350.	2300.	2290.	2326.	-36.
12 30	D-11-13-26	2440.	2420.	2400.	2419.	-19.
12 31	D-11-13-25	2510.	2505.	2500.	2499.	1.
12 32	D-11-14-30	2580.	2580.	2595.	2566.	29.
12 33	D-11-14-29	2630.	2625.	2620.	2620.	-0.
12 34	D-11-14-28	2670.	2670.	2650.	2682.	-32.
12 35	D-11-14-27	2780.	2745.	2700.	2729.	-29.
13 02	D-11-09-31	1747.	1720.	1710.	1696.	14.
13 03	D-11-09-32	1747.	1718.	1710.	1694.	16.
13 04	D-11-09-33	1745.	1710.	1700.	1690.	10.
13 05	D-11-09-34	1744.	1705.	1690.	1683.	7.
13 06	D-11-09-35	1740.	1700.	1680.	1671.	9.
13 07	D-11-09-36	1735.	1705.	1675.	1660.	15.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
13 08	D-11-10-31	1733.	1700.	1660.	1654.	6.
13 09	D-11-10-32	1728.	1690.	1665.	1649.	16.
13 10	D-11-10-33	1725.	1686.	1660.	1645.	15.
13 11	D-11-10-34	1725.	1685.	1650.	1643.	7.
13 12	D-11-10-35	1725.	1675.	1660.	1646.	14.
13 13	D-11-10-36	1725.	1675.	1660.	1652.	8.
13 14	D-11-11-31	1720.	1679.	1650.	1660.	-10.
13 15	D-11-11-32	1715.	1680.	1663.	1673.	-10.
13 16	D-11-11-33	1719.	1685.	1675.	1694.	-19.
13 17	D-11-11-34	1730.	1700.	1683.	1707.	-24.
13 18	D-11-11-35	1745.	1725.	1690.	1726.	-36.
13 19	D-11-11-36	1775.	1760.	1725.	1761.	-36.
13 20	D-11-12-31	1880.	1845.	1795.	1803.	-8.
13 21	D-11-12-32	1925.	1900.	1900.	1863.	37.
13 22	D-11-12-33	1975.	1950.	1935.	1924.	11.
13 23	D-11-12-34	2015.	1995.	1975.	1976.	-1.
13 24	D-11-12-35	2060.	2040.	2025.	2023.	2.
13 25	D-11-12-36	2115.	2115.	2085.	2075.	10.
13 26	D-11-13-31	2155.	2150.	2133.	2130.	3.
13 27	D-11-13-32	2200.	2175.	2166.	2180.	-14.
13 28	D-11-13-33	2235.	2225.	2225.	2239.	-14.
13 29	D-11-13-34	2290.	2285.	2251.	2296.	-45.
13 30	D-11-13-35	2391.	2380.	2350.	2369.	-19.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION Q-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
13 31	D-11-13-36	2460.	2452.	2450.	2452.	-2.
13 32	D-11-14-31	2525.	2525.	2500.	2506.	-6.
13 33	D-11-14-32	2595.	2580.	2570.	2561.	9.
13 34	D-11-14-33	2655.	2655.	2650.	2650.	-0.
13 35	D-11-14-34	2730.	2700.	2700.	2715.	-15.
14 03	D-12-09-05	1748.	1715.	1710.	1694.	16.
14 04	D-12-09-04	1747.	1712.	1705.	1692.	13.
14 05	D-12-09-03	1746.	1710.	1690.	1686.	4.
14 06	D-12-09-02	1745.	1708.	1688.	1678.	10.
14 07	D-12-09-01	1745.	1708.	1680.	1670.	10.
14 08	D-12-10-06	1742.	1715.	1670.	1664.	6.
14 09	D-12-10-05	1741.	1710.	1660.	1660.	-0.
14 10	D-12-10-04	1740.	1700.	1660.	1657.	3.
14 11	D-12-10-03	1735.	1695.	1660.	1652.	8.
14 12	D-12-10-02	1734.	1695.	1670.	1652.	18.
14 13	D-12-10-01	1732.	1685.	1680.	1654.	26.
14 14	D-12-11-06	1725.	1685.	1660.	1663.	-3.
14 15	D-12-11-05	1723.	1680.	1655.	1675.	-20.
14 16	D-12-11-04	1735.	1690.	1663.	1692.	-29.
14 17	D-12-11-03	1748.	1695.	1680.	1717.	-37.
14 18	D-12-11-02	1765.	1750.	1700.	1741.	-41.
14 19	D-12-11-01	1785.	1775.	1750.	1766.	-16.
14 20	D-12-12-06	1872.	1849.	1805.	1811.	-6.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
14 21	D-12-12-05	1927.	1925.	1920.	1872.	48.
14 22	D-12-12-04	1970.	1968.	1960.	1933.	27.
14 23	D-12-12-03	2008.	2004.	2000.	1978.	22.
14 24	D-12-12-02	2054.	2050.	2040.	2019.	21.
14 25	D-12-12-01	2108.	2105.	2090.	2074.	16.
14 26	D-12-13-06	2148.	2137.	2120.	2132.	-12.
14 27	D-12-13-05	2188.	2175.	2160.	2176.	-16.
14 28	D-12-13-04	2230.	2225.	2200.	2221.	-21.
14 29	D-12-13-03	2280.	2275.	2250.	2269.	-19.
14 30	D-12-13-02	2353.	2348.	2340.	2336.	4.
14 31	D-12-13-01	2413.	2400.	2375.	2402.	-27.
14 32	D-12-14-06	2475.	2475.	2450.	2451.	-1.
14 33	D-12-14-05	2560.	2535.	2520.	2516.	4.
15 04	D-12-09-09	1765.	1716.	1696.	1695.	1.
15 05	D-12-09-10	1765.	1710.	1700.	1691.	9.
15 06	D-12-09-11	1765.	1709.	1690.	1684.	6.
15 07	D-12-09-12	1755.	1709.	1685.	1677.	8.
15 08	D-12-10-07	1753.	1707.	1680.	1670.	10.
15 09	D-12-10-08	1755.	1707.	1675.	1666.	9.
15 10	D-12-10-09	1755.	1710.	1680.	1661.	19.
15 11	D-12-10-10	1750.	1705.	1680.	1658.	22.
15 12	D-12-10-11	1750.	1700.	1685.	1657.	28.
15 13	D-12-10-12	1735.	1695.	1685.	1658.	27.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
15 14	D-12-11-07	1730.	1695.	1685.	1664.	21.
15 15	D-12-11-08	1725.	1690.	1680.	1674.	6.
15 16	D-12-11-09	1727.	1685.	1650.	1687.	-37.
15 17	D-12-11-10	1750.	1710.	1690.	1706.	-16.
15 18	D-12-11-11	1780.	1750.	1710.	1727.	-17.
15 19	D-12-11-12	1796.	1775.	1750.	1753.	-3.
15 20	D-12-12-07	1828.	1825.	1820.	1812.	8.
15 21	D-12-12-08	1955.	1950.	1950.	1880.	70.
15 22	D-12-12-09	1980.	1980.	1975.	1937.	38.
15 23	D-12-12-10	2010.	2010.	2000.	1976.	24.
15 24	D-12-12-11	2048.	2045.	2024.	2010.	14.
15 25	D-12-12-12	2102.	2097.	2075.	2070.	5.
15 26	D-12-13-07	2136.	2125.	2100.	2131.	-31.
15 27	D-12-13-08	2177.	2160.	2140.	2168.	-28.
15 28	D-12-13-09	2215.	2205.	2180.	2203.	-23.
15 29	D-12-13-10	2263.	2255.	2230.	2248.	-18.
15 30	D-12-13-11	2320.	2318.	2290.	2303.	-13.
15 31	D-12-13-12	2376.	2370.	2350.	2358.	-8.
15 32	D-12-14-07	2445.	2445.	2410.	2402.	8.
16 02	D-12-09-18	1765.	1723.	1703.	1707.	-4.
16 03	D-12-09-17	1764.	1722.	1702.	1705.	-3.
16 04	D-12-09-16	1763.	1721.	1701.	1700.	1.
16 05	D-12-09-15	1762.	1718.	1698.	1695.	3.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
16 06	D-12-09-14	1760.	1715.	1695.	1689.	6.
16 07	D-12-09-13	1763.	1715.	1695.	1683.	12.
16 08	D-12-10-18	1762.	1714.	1685.	1677.	8.
16 09	D-12-10-17	1763.	1714.	1685.	1673.	12.
16 10	D-12-10-16	1765.	1716.	1685.	1668.	17.
16 11	D-12-10-15	1770.	1715.	1690.	1666.	24.
16 12	D-12-10-14	1770.	1720.	1697.	1665.	32.
16 13	D-12-10-13	1755.	1715.	1685.	1666.	19.
16 14	D-12-11-18	1735.	1705.	1680.	1670.	10.
16 15	D-12-11-17	1730.	1685.	1670.	1676.	-6.
16 16	D-12-11-16	1730.	1685.	1658.	1688.	-30.
16 17	D-12-11-15	1770.	1750.	1700.	1706.	-6.
16 18	D-12-11-14	1792.	1765.	1735.	1723.	12.
16 19	D-12-11-13	1796.	1780.	1775.	1742.	33.
16 20	D-12-12-18	1830.	1825.	1825.	1761.	64.
16 22	D-12-12-16	1994.	1985.	1980.	1947.	33.
16 23	D-12-12-15	2012.	2012.	2004.	1975.	29.
16 24	D-12-12-14	2050.	2050.	2030.	2006.	24.
16 25	D-12-12-13	2090.	2082.	2075.	2061.	14.
16 26	D-12-13-18	2123.	2118.	2090.	2119.	-29.
16 27	D-12-13-17	2157.	2143.	2130.	2160.	-30.
16 28	D-12-13-16	2193.	2180.	2160.	2187.	-27.
16 29	D-12-13-15	2240.	2230.	2195.	2218.	-23.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
16 30	D-12-13-14	2290.	2280.	2250.	2260.	-10.
16 31	D-12-13-13	2325.	2325.	2321.	2301.	20.
17 02	D-12-09-19	1773.	1727.	1707.	1708.	-1.
17 03	D-12-09-20	1773.	1727.	1707.	1705.	2.
17 04	D-12-09-21	1772.	1725.	1705.	1702.	3.
17 05	D-12-09-22	1772.	1724.	1704.	1699.	5.
17 06	D-12-09-23	1771.	1722.	1702.	1693.	9.
17 07	D-12-09-24	1770.	1722.	1702.	1687.	15.
17 08	D-12-10-19	1770.	1721.	1680.	1681.	-1.
17 09	D-12-10-20	1770.	1715.	1685.	1676.	9.
17 10	D-12-10-21	1775.	1728.	1685.	1675.	10.
17 11	D-12-10-22	1780.	1730.	1680.	1676.	4.
17 12	D-12-10-23	1795.	1730.	1680.	1671.	9.
17 13	D-12-10-24	1800.	1725.	1690.	1671.	19.
17 14	D-12-11-19	1765.	1715.	1700.	1681.	19.
17 15	D-12-11-20	1750.	1695.	1675.	1685.	-10.
17 16	D-12-11-21	1745.	1730.	1695.	1697.	-2.
17 17	D-12-11-22	1792.	1760.	1725.	1711.	14.
17 18	D-12-11-23	1796.	1775.	1760.	1724.	36.
17 19	D-12-11-24	1800.	1800.	1800.	1742.	58.
17 20	D-12-12-19	1830.	1830.	1820.	1756.	64.
17 22	D-12-12-21	2008.	2005.	2010.	1955.	55.
17 23	D-12-12-22	2024.	2020.	2015.	1986.	29.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
17 24	D-12-12-23	2054.	2050.	2040.	2017.	23.
17 25	D-12-12-24	2085.	2075.	2070.	2059.	11.
17 26	D-12-13-19	2113.	2100.	2085.	2104.	-19.
17 27	D-12-13-20	2141.	2130.	2110.	2142.	-32.
17 28	D-12-13-21	2170.	2160.	2150.	2173.	-23.
17 29	D-12-13-22	2213.	2200.	2185.	2197.	-12.
17 30	D-12-13-23	2250.	2240.	2220.	2227.	-7.
17 31	D-12-13-24	2270.	2265.	2240.	2248.	-8.
18 03	D-12-09-29	1775.	1729.	1709.	1705.	4.
18 04	D-12-09-28	1775.	1728.	1708.	1703.	5.
18 05	D-12-09-27	1775.	1728.	1708.	1699.	9.
18 06	D-12-09-26	1777.	1728.	1708.	1695.	13.
18 07	D-12-09-25	1778.	1728.	1708.	1688.	20.
18 08	D-12-10-30	1780.	1725.	1680.	1682.	-2.
18 09	D-12-10-29	1780.	1720.	1685.	1676.	9.
18 10	D-12-10-28	1785.	1732.	1690.	1678.	12.
18 11	D-12-10-27	1795.	1735.	1685.	1681.	4.
18 12	D-12-10-26	1805.	1730.	1685.	1685.	0.
18 13	D-12-10-25	1815.	1730.	1710.	1690.	20.
18 14	D-12-11-30	1800.	1720.	1725.	1696.	29.
18 15	D-12-11-29	1795.	1710.	1710.	1703.	7.
18 16	D-12-11-28	1790.	1750.	1745.	1713.	32.
18 17	D-12-11-27	1798.	1775.	1760.	1723.	37.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
18 22	D-12-12-28	2024.	2020.	2015.	1980.	35.
18 23	D-12-12-27	2035.	2035.	2020.	2007.	13.
18 24	D-12-12-26	2061.	2050.	2048.	2029.	19.
18 25	D-12-12-25	2084.	2075.	2065.	2057.	8.
18 26	D-12-13-30	2108.	2095.	2080.	2092.	-12.
18 27	D-12-13-29	2131.	2125.	2105.	2128.	-23.
18 28	D-12-13-28	2160.	2140.	2130.	2159.	-29.
18 29	D-12-13-27	2190.	2175.	2170.	2172.	-2.
18 30	D-12-13-26	2225.	2205.	2200.	2194.	6.
18 31	D-12-13-25	2239.	2230.	2225.	2212.	13.
19 08	D-12-10-31	1783.	1736.	1700.	1693.	7.
19 09	D-12-10-32	1785.	1736.	1695.	1685.	10.
19 10	D-12-10-33	1787.	1740.	1697.	1691.	6.
19 11	D-12-10-34	1796.	1745.	1700.	1698.	2.
19 12	D-12-10-35	1812.	1750.	1725.	1705.	20.
19 13	D-12-10-36	1820.	1760.	1730.	1715.	15.
19 14	D-12-11-31	1830.	1770.	1740.	1724.	16.
19 15	D-12-11-32	1840.	1780.	1750.	1730.	20.
19 16	D-12-11-33	1845.	1800.	1770.	1740.	30.
19 17	D-12-11-34	1845.	1815.	1780.	1752.	28.
19 18	D-12-11-35	1847.	1818.	1800.	1773.	27.
19 19	D-12-11-36	1855.	1835.	1820.	1787.	33.
19 22	D-12-12-33	2028.	2050.	2050.	1999.	51.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
19 23	D-12-12-34	2059.	2050.	2050.	2029.	21.
19 24	D-12-12-35	2078.	2075.	2050.	2054.	-4.
19 25	D-12-12-36	2092.	2085.	2070.	2074.	-4.
19 26	D-12-13-31	2106.	2097.	2090.	2098.	-8.
19 27	D-12-13-32	2125.	2120.	2100.	2128.	-28.
19 28	D-12-13-33	2150.	2140.	2130.	2152.	-22.
19 29	D-12-13-34	2161.	2162.	2150.	2161.	-11.
19 30	D-12-13-35	2207.	2180.	2180.	2172.	8.
19 31	D-12-13-36	2220.	2200.	2200.	2188.	12.
19 32	D-12-14-31	2250.	2250.	2230.	2226.	4.
20 08	D-13-10-06	1786.	1738.	1705.	1707.	-2.
20 09	D-13-10-05	1788.	1740.	1705.	1702.	3.
20 10	D-13-10-04	1795.	1745.	1705.	1700.	5.
20 11	D-13-10-03	1803.	1750.	1715.	1711.	4.
20 12	D-13-10-02	1815.	1770.	1730.	1722.	8.
20 13	D-13-10-01	1828.	1770.	1750.	1736.	14.
20 14	D-13-11-06	1838.	1790.	1760.	1748.	12.
20 15	D-13-11-05	1845.	1800.	1770.	1754.	16.
20 16	D-13-11-04	1853.	1815.	1785.	1760.	25.
20 17	D-13-11-03	1855.	1818.	1790.	1768.	22.
20 18	D-13-11-02	1858.	1850.	1850.	1777.	73.
20 19	D-13-11-01	1862.	1860.	1860.	1787.	73.
20 23	D-13-12-03	2142.	2135.	2125.	2064.	61.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
20 24	D-13-12-02	2110.	2110.	2100.	2077.	23.
20 25	D-13-12-01	2112.	2110.	2100.	2098.	2.
20 26	D-13-13-06	2115.	2115.	2110.	2112.	-2.
20 27	D-13-13-05	2128.	2125.	2110.	2130.	-20.
20 28	D-13-13-04	2150.	2140.	2120.	2146.	-26.
20 29	D-13-13-03	2174.	2160.	2130.	2152.	-22.
20 30	D-13-13-02	2195.	2175.	2145.	2160.	-15.
20 31	D-13-13-01	2205.	2190.	2175.	2185.	-10.
20 32	D-13-14-06	2230.	2245.	2225.	2233.	-8.
20 33	D-13-14-05	2270.	2340.	2300.	2331.	-31.
20 34	D-13-14-04	2350.	2405.	2345.	2408.	-63.
20 35	D-13-14-03	2400.	2450.	2415.	2467.	-52.
20 36	D-13-14-02	2455.	2505.	2450.	2518.	-68.
20 37	D-13-14-01	2525.	2555.	2525.	2563.	-38.
21 07	D-13-09-12	1788.	1746.	1708.	1729.	-21.
21 08	D-13-10-07	1790.	1745.	1705.	1719.	-14.
21 09	D-13-10-08	1795.	1748.	1708.	1714.	-6.
21 10	D-13-10-09	1803.	1751.	1712.	1710.	2.
21 11	D-13-10-10	1812.	1762.	1725.	1722.	3.
21 12	D-13-10-11	1822.	1778.	1738.	1733.	5.
21 13	D-13-10-12	1835.	1790.	1755.	1750.	5.
21 14	D-13-11-07	1845.	1798.	1770.	1761.	9.
21 15	D-13-11-08	1855.	1812.	1780.	1768.	12.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
21 16	D-13-11-09	1860.	1825.	1790.	1773.	17.
21 17	D-13-11-10	1870.	1845.	1805.	1778.	27.
21 24	D-13-12-11	2130.	2130.	2120.	2095.	25.
21 25	D-13-12-12	2122.	2120.	2115.	2116.	-1.
21 26	D-13-13-07	2132.	2125.	2110.	2125.	-15.
21 27	D-13-13-08	2142.	2130.	2120.	2135.	-15.
21 28	D-13-13-09	2152.	2145.	2130.	2144.	-14.
21 29	D-13-13-10	2171.	2165.	2135.	2148.	-13.
21 30	D-13-13-11	2183.	2185.	2145.	2154.	-9.
21 31	D-13-13-12	2196.	2190.	2175.	2179.	-4.
21 32	D-13-14-07	2236.	2242.	2225.	2234.	-9.
21 33	D-13-14-08	2300.	2330.	2290.	2309.	-19.
21 34	D-13-14-09	2350.	2400.	2350.	2367.	-17.
21 35	D-13-14-10	2425.	2445.	2410.	2418.	-8.
21 36	D-13-14-11	2495.	2500.	2435.	2467.	-32.
21 37	D-13-14-12	2535.	2550.	2475.	2510.	-35.
21 38	D-13-15-07	2560.	2575.	2510.	2555.	-45.
21 39	D-13-15-08	2600.	2610.	2550.	2598.	-48.
22 05	D-13-09-15	1793.	1748.	1720.	1753.	-33.
22 06	D-13-09-14	1795.	1750.	1715.	1749.	-34.
22 07	D-13-09-13	1789.	1751.	1712.	1739.	-27.
22 08	D-13-10-18	1801.	1752.	1708.	1731.	-23.
22 09	D-13-10-17	1805.	1755.	1710.	1728.	-18.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1980 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
22 10	D-13-10-16	1812.	1762.	1715.	1725.	-10.
22 11	D-13-10-15	1820.	1773.	1730.	1734.	-4.
22 12	D-13-10-14	1830.	1788.	1745.	1742.	3.
22 13	D-13-10-13	1843.	1799.	1759.	1758.	1.
22 14	D-13-11-18	1852.	1808.	1780.	1771.	9.
22 15	D-13-11-17	1860.	1825.	1790.	1781.	9.
22 16	D-13-11-16	1880.	1845.	1800.	1787.	13.
22 17	D-13-11-15	1900.	1858.	1835.	1786.	49.
22 25	D-13-12-13	2135.	2130.	2130.	2132.	-2.
22 26	D-13-13-18	2142.	2135.	2130.	2134.	-4.
22 27	D-13-13-17	2150.	2148.	2135.	2140.	-5.
22 28	D-13-13-16	2162.	2160.	2140.	2143.	-3.
22 29	D-13-13-15	2178.	2170.	2145.	2146.	-1.
22 30	D-13-13-14	2193.	2190.	2160.	2148.	12.
22 31	D-13-13-13	2210.	2200.	2180.	2188.	-8.
22 32	D-13-14-18	2241.	2240.	2230.	2243.	-13.
22 33	D-13-14-17	2310.	2325.	2245.	2283.	-38.
22 34	D-13-14-16	2360.	2395.	2320.	2319.	1.
22 35	D-13-14-15	2450.	2440.	2400.	2376.	24.
22 36	D-13-14-14	2470.	2490.	2420.	2425.	-5.
22 37	D-13-14-13	2540.	2540.	2450.	2461.	-11.
22 38	D-13-15-18	2565.	2580.	2500.	2502.	-2.
22 39	D-13-15-17	2590.	2600.	2535.	2549.	-14.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
22 40	D-13-15-16	2660.	2650.	2560.	2623.	-63.
22 41	D-13-15-15	2660.	2660.	2575.	2616.	-41.
22 42	D-13-15-14	2680.	2662.	2650.	2628.	22.
22 43	D-13-15-13	2700.	2675.	2670.	2642.	28.
22 44	D-13-16-18	2710.	2700.	2680.	2677.	3.
22 45	D-13-16-17	2720.	2710.	2690.	2682.	8.
23 05	D-13-09-22	1802.	1753.	1720.	1755.	-35.
23 06	D-13-09-23	1805.	1753.	1718.	1752.	-34.
23 07	D-13-09-24	1807.	1755.	1715.	1748.	-33.
23 08	D-13-10-19	1810.	1762.	1715.	1744.	-29.
23 09	D-13-10-20	1815.	1770.	1726.	1744.	-18.
23 10	D-13-10-21	1820.	1775.	1730.	1745.	-15.
23 11	D-13-10-22	1826.	1780.	1740.	1752.	-12.
23 12	D-13-10-23	1842.	1785.	1745.	1763.	-18.
23 13	D-13-10-24	1849.	1808.	1760.	1773.	-13.
23 14	D-13-11-19	1857.	1815.	1790.	1786.	4.
23 15	D-13-11-20	1878.	1830.	1800.	1796.	4.
23 16	D-13-11-21	1895.	1850.	1825.	1803.	22.
23 25	D-13-12-24	2151.	2148.	2140.	2138.	2.
23 26	D-13-13-19	2153.	2150.	2140.	2143.	-3.
23 27	D-13-13-20	2160.	2160.	2145.	2148.	-3.
23 28	D-13-13-21	2170.	2165.	2150.	2146.	4.
23 29	D-13-13-22	2185.	2180.	2160.	2148.	12.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
23 30	D-13-13-23	2208.	2190.	2175.	2139.	36.
23 31	D-13-13-24	2230.	2225.	2200.	2205.	-5.
23 32	D-13-14-19	2288.	2265.	2230.	2237.	-7.
23 33	D-13-14-20	2322.	2305.	2275.	2256.	19.
23 34	D-13-14-21	2360.	2330.	2300.	2284.	16.
23 35	D-13-14-22	2375.	2375.	2350.	2331.	19.
23 36	D-13-14-23	2448.	2445.	2410.	2381.	29.
23 37	D-13-14-24	2475.	2490.	2425.	2410.	15.
23 38	D-13-15-19	2490.	2490.	2475.	2446.	29.
23 39	D-13-15-20	2530.	2530.	2528.	2492.	36.
23 40	D-13-15-21	2540.	2535.	2530.	2522.	8.
23 41	D-13-15-22	2550.	2550.	2550.	2547.	3.
23 42	D-13-15-23	2575.	2570.	2580.	2569.	11.
23 43	D-13-15-24	2575.	2575.	2600.	2600.	-0.
23 44	D-13-16-19	2675.	2668.	2665.	2632.	33.
23 45	D-13-16-20	2700.	2675.	2660.	2660.	0.
24 05	D-13-09-27	1837.	1785.	1765.	1758.	7.
24 06	D-13-09-26	1835.	1756.	1736.	1756.	-20.
24 07	D-13-09-25	1835.	1757.	1737.	1755.	-18.
24 08	D-13-10-30	1830.	1770.	1735.	1755.	-20.
24 09	D-13-10-29	1835.	1775.	1740.	1758.	-18.
24 10	D-13-10-28	1833.	1780.	1742.	1764.	-22.
24 11	D-13-10-27	1835.	1788.	1745.	1772.	-27.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
24 12	D-13-10-26	1845.	1796.	1750.	1786.	-36.
24 13	D-13-10-25	1855.	1810.	1775.	1791.	-16.
24 14	D-13-11-30	1870.	1825.	1800.	1804.	-4.
24 15	D-13-11-29	1890.	1850.	1820.	1814.	6.
24 16	D-13-11-28	1904.	1860.	1840.	1822.	18.
24 26	D-13-13-30	2160.	2155.	2150.	2155.	-5.
24 27	D-13-13-29	2167.	2165.	2160.	2157.	3.
24 28	D-13-13-28	2183.	2175.	2165.	2165.	-0.
24 29	D-13-13-27	2204.	2180.	2175.	2166.	9.
24 30	D-13-13-26	2216.	2195.	2180.	2170.	10.
24 31	D-13-13-25	2245.	2225.	2210.	2198.	12.
24 32	D-13-14-30	2275.	2265.	2240.	2223.	17.
24 33	D-13-14-29	2312.	2285.	2270.	2242.	28.
24 34	D-13-14-28	2350.	2320.	2290.	2272.	18.
24 35	D-13-14-27	2385.	2350.	2325.	2306.	19.
24 36	D-13-14-26	2415.	2400.	2400.	2342.	58.
24 37	D-13-14-25	2440.	2440.	2425.	2371.	54.
24 38	D-13-15-30	2458.	2475.	2450.	2403.	47.
24 39	D-13-15-29	2481.	2480.	2475.	2452.	23.
24 40	D-13-15-28	2515.	2515.	2510.	2492.	18.
24 41	D-13-15-27	2520.	2520.	2515.	2510.	5.
24 42	D-13-15-26	2545.	2545.	2540.	2533.	7.
24 43	D-13-15-25	2590.	2600.	2575.	2565.	10.

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TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
24 44	D-13-16-30	2625.	2630.	2590.	2602.	-12.
24 45	D-13-16-29	2675.	2640.	2600.	2623.	-23.
25 05	D-13-09-34	1870.	1790.	1780.	1761.	19.
25 06	D-13-09-35	1870.	1790.	1775.	1760.	15.
25 07	D-13-09-36	1870.	1790.	1770.	1759.	11.
25 08	D-13-10-31	1870.	1775.	1740.	1762.	-22.
25 09	D-13-10-32	1860.	1780.	1745.	1771.	-26.
25 10	D-13-10-33	1855.	1788.	1750.	1781.	-31.
25 11	D-13-10-34	1855.	1800.	1760.	1792.	-32.
25 12	D-13-10-35	1855.	1810.	1780.	1802.	-22.
25 13	D-13-10-36	1860.	1825.	1805.	1811.	-6.
25 14	D-13-11-31	1880.	1849.	1805.	1827.	-22.
25 15	D-13-11-32	1895.	1856.	1820.	1838.	-18.
25 16	D-13-11-33	1908.	1875.	1845.	1848.	-3.
25 26	D-13-13-31	2210.	2200.	2180.	2172.	8.
25 27	D-13-13-32	2230.	2200.	2195.	2173.	22.
25 28	D-13-13-33	2207.	2196.	2195.	2181.	14.
25 29	D-13-13-34	2222.	2198.	2200.	2185.	15.
25 30	D-13-13-35	2231.	2204.	2200.	2184.	16.
25 31	D-13-13-36	2258.	2230.	2220.	2198.	22.
25 32	D-13-14-31	2287.	2265.	2240.	2212.	28.
25 33	D-13-14-32	2313.	2285.	2270.	2225.	45.
25 34	D-13-14-33	2334.	2310.	2280.	2264.	16.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
25 35	D-13-14-34	2352.	2325.	2300.	2296.	4.
25 36	D-13-14-35	2370.	2350.	2325.	2322.	3.
25 37	D-13-14-36	2390.	2385.	2340.	2353.	-13.
25 38	D-13-15-31	2425.	2425.	2400.	2383.	17.
25 39	D-13-15-32	2475.	2460.	2460.	2430.	30.
25 40	D-13-15-33	2496.	2485.	2480.	2474.	6.
25 41	D-13-15-34	2518.	2515.	2505.	2499.	6.
25 42	D-13-15-35	2535.	2535.	2515.	2519.	-4.
25 43	D-13-15-36	2580.	2575.	2565.	2558.	7.
25 44	D-13-16-31	2605.	2590.	2590.	2580.	4.
25 45	D-13-16-32	2630.	2605.	2610.	2604.	6.
25 46	D-13-16-33	2650.	2650.	2650.	2618.	32.
26 09	D-14-10-05	1889.	1820.	1815.	1790.	25.
26 10	D-14-10-04	1884.	1823.	1820.	1805.	15.
26 11	D-14-10-03	1885.	1825.	1820.	1818.	2.
26 12	D-14-10-02	1885.	1825.	1820.	1828.	-8.
26 13	D-14-10-01	1890.	1837.	1820.	1840.	-20.
26 14	D-14-11-06	1896.	1862.	1830.	1854.	-24.
26 15	D-14-11-05	1905.	1875.	1840.	1864.	-24.
26 16	D-14-11-04	1920.	1887.	1850.	1877.	-27.
26 17	D-14-11-03	1930.	1900.	1875.	1898.	-23.
26 18	D-14-11-02	1937.	1910.	1900.	1910.	-10.
26 28	D-14-13-04	2225.	2211.	2210.	2193.	17.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
26 29	D-14-13-C3	2230.	2217.	2221.	2190.	31.
26 30	D-14-13-C2	2252.	2225.	2220.	2198.	22.
26 31	D-14-13-C1	2271.	2248.	2225.	2211.	14.
26 32	D-14-14-C6	2290.	2262.	2245.	2221.	24.
26 33	D-14-14-C5	2310.	2288.	2265.	2241.	24.
26 34	D-14-14-C4	2332.	2308.	2275.	2265.	10.
26 35	D-14-14-C3	2347.	2320.	2283.	2293.	-10.
26 36	D-14-14-C2	2361.	2332.	2305.	2318.	-13.
26 37	D-14-14-C1	2375.	2344.	2325.	2338.	-13.
26 38	D-14-15-C6	2391.	2375.	2340.	2363.	-23.
26 39	D-14-15-C5	2415.	2420.	2400.	2404.	-4.
26 40	D-14-15-C4	2494.	2475.	2475.	2442.	33.
26 41	D-14-15-C3	2510.	2503.	2480.	2475.	5.
26 42	D-14-15-C2	2538.	2530.	2525.	2526.	-1.
26 43	D-14-15-C1	2569.	2562.	2550.	2552.	-2.
26 44	D-14-16-C6	2605.	2600.	2600.	2577.	23.
26 45	D-14-16-C5	2630.	2625.	2625.	2598.	27.
26 46	D-14-16-C4	2650.	2650.	2650.	2628.	22.
26 47	D-14-16-C3	2686.	2685.	2692.	2664.	28.
27 10	D-14-10-C9	1912.	1945.	1820.	1844.	-24.
27 11	D-14-10-10	1911.	1848.	1825.	1852.	-27.
27 12	D-14-10-11	1910.	1850.	1825.	1861.	-36.
27 13	D-14-10-12	1910.	1862.	1845.	1869.	-24.

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TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
27 14	D-14-11-07	1915.	1875.	1850.	1878.	-28.
27 15	D-14-11-08	1925.	1892.	1865.	1888.	-23.
27 16	D-14-11-09	1935.	1905.	1900.	1901.	-1.
27 17	D-14-11-10	1947.	1920.	1910.	1915.	-5.
27 18	D-14-11-11	1955.	1925.	1920.	1925.	-5.
27 19	D-14-11-12	1970.	1948.	1930.	1946.	-16.
27 28	D-14-13-09	2247.	2240.	2230.	2197.	33.
27 29	D-14-13-10	2254.	2233.	2217.	2189.	28.
27 30	D-14-13-11	2270.	2245.	2235.	2214.	21.
27 31	D-14-13-12	2290.	2255.	2245.	2225.	20.
27 32	D-14-14-07	2296.	2275.	2245.	2223.	22.
27 33	D-14-14-08	2314.	2300.	2265.	2247.	18.
27 34	D-14-14-09	2335.	2312.	2275.	2273.	2.
27 35	D-14-14-10	2349.	2322.	2285.	2299.	-14.
27 36	D-14-14-11	2362.	2332.	2300.	2320.	-20.
27 37	D-14-14-12	2376.	2342.	2305.	2332.	-27.
27 38	D-14-15-07	2391.	2352.	2310.	2345.	-35.
27 39	D-14-15-08	2399.	2385.	2310.	2378.	-68.
27 40	D-14-15-09	2470.	2460.	2400.	2412.	-12.
27 41	D-14-15-10	2507.	2499.	2480.	2442.	38.
27 42	D-14-15-11	2525.	2525.	2518.	2513.	5.
27 43	D-14-15-12	2545.	2550.	2522.	2552.	-30.
27 44	D-14-16-07	2570.	2580.	2570.	2574.	-4.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1980 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
27 45	D-14-16-08	2625.	2600.	2600.	2599.	1.
27 46	D-14-16-09	2660.	2655.	2650.	2632.	18.
28 10	D-14-10-16	1937.	1902.	1900.	1879.	21.
28 11	D-14-10-15	1935.	1900.	1900.	1885.	15.
28 12	D-14-10-14	1935.	1900.	1900.	1890.	10.
28 13	D-14-10-13	1935.	1902.	1900.	1899.	1.
28 14	D-14-11-18	1945.	1920.	1900.	1910.	-10.
28 15	D-14-11-17	1950.	1925.	1910.	1919.	-9.
28 16	D-14-11-16	1962.	1925.	1920.	1929.	-9.
28 17	D-14-11-15	1970.	1938.	1925.	1939.	-14.
28 18	D-14-11-14	1978.	1950.	1940.	1948.	-8.
28 19	D-14-11-13	1990.	1955.	1945.	1969.	-24.
28 20	D-14-12-18	1995.	1960.	1952.	1988.	-36.
28 21	D-14-12-17	2005.	1965.	1966.	1996.	-30.
28 30	D-14-13-14	2308.	2295.	2310.	2254.	56.
28 31	D-14-13-13	2325.	2290.	2290.	2243.	47.
28 32	D-14-14-18	2310.	2285.	2264.	2239.	25.
28 33	D-14-14-17	2323.	2300.	2265.	2261.	4.
28 34	D-14-14-16	2342.	2310.	2278.	2284.	-6.
28 35	D-14-14-15	2355.	2320.	2285.	2309.	-24.
28 36	D-14-14-14	2366.	2330.	2300.	2323.	-23.
28 37	D-14-14-13	2380.	2340.	2308.	2334.	-26.
28 38	D-14-15-18	2392.	2348.	2312.	2342.	-30.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
28 39	D-14-15-17	2406.	2370.	2315.	2364.	-49.
28 40	D-14-15-16	2440.	2405.	2375.	2403.	-28.
28 41	D-14-15-15	2497.	2480.	2475.	2442.	33.
28 42	D-14-15-14	2526.	2525.	2510.	2502.	8.
28 43	D-14-15-13	2535.	2528.	2525.	2549.	-24.
28 44	D-14-16-18	2595.	2590.	2590.	2576.	14.
28 45	D-14-16-17	2660.	2625.	2610.	2612.	-2.
28 46	D-14-16-16	2700.	2700.	2700.	2651.	49.
29 10	D-14-10-21	1963.	1935.	1935.	1901.	34.
29 11	D-14-10-22	1963.	1935.	1935.	1912.	23.
29 12	D-14-10-23	1960.	1940.	1938.	1920.	18.
29 13	D-14-10-24	1964.	1950.	1940.	1933.	7.
29 14	D-14-11-19	1965.	1950.	1950.	1942.	8.
29 15	D-14-11-20	1975.	1950.	1950.	1949.	1.
29 16	D-14-11-21	1982.	1955.	1948.	1953.	-5.
29 17	D-14-11-22	1990.	1962.	1945.	1955.	-10.
29 18	D-14-11-23	1995.	1970.	1950.	1967.	-17.
29 19	D-14-11-24	1997.	1975.	1960.	1986.	-26.
29 20	D-14-12-19	2010.	1975.	1970.	1997.	-27.
29 21	D-14-12-20	2112.	1980.	1975.	2004.	-29.
29 29	D-14-13-22	2346.	2329.	2325.	2291.	34.
29 30	D-14-13-23	2342.	2330.	2316.	2281.	35.
29 31	D-14-13-24	2345.	2316.	2308.	2275.	33.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
29 32	D-14-14-19	2343.	2297.	2290.	2277.	13.
29 33	D-14-14-20	2345.	2300.	2285.	2285.	0.
29 34	D-14-14-21	2354.	2310.	2290.	2303.	-13.
29 35	D-14-14-22	2368.	2320.	2300.	2322.	-22.
29 36	D-14-14-23	2374.	2330.	2310.	2332.	-22.
29 37	D-14-14-24	2382.	2340.	2310.	2341.	-31.
29 38	D-14-15-19	2397.	2350.	2315.	2358.	-43.
29 39	D-14-15-20	2424.	2376.	2320.	2375.	-55.
29 40	D-14-15-21	2464.	2430.	2425.	2419.	6.
29 41	D-14-15-22	2510.	2475.	2475.	2452.	23.
29 42	D-14-15-23	2534.	2518.	2505.	2494.	11.
29 43	D-14-15-24	2542.	2530.	2523.	2547.	-24.
29 44	D-14-16-19	2720.	2700.	2695.	2606.	89.
29 45	D-14-16-20	2730.	2705.	2700.	2650.	50.
30 11	D-14-10-27	2015.	2000.	1980.	1933.	47.
30 12	D-14-10-26	2010.	1985.	1960.	1948.	12.
30 13	D-14-10-25	2002.	1985.	1960.	1963.	-3.
30 14	D-14-11-30	1995.	1975.	1965.	1967.	-2.
30 15	D-14-11-29	1993.	1975.	1970.	1969.	1.
30 16	D-14-11-28	1995.	1975.	1965.	1968.	-3.
30 17	D-14-11-27	1996.	1978.	1965.	1964.	1.
30 18	D-14-11-26	2000.	1985.	1970.	1984.	-14.
30 19	D-14-11-25	2010.	1988.	1975.	2001.	-26.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1980 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
30 20	D-14-12-30	2018.	1997.	1980.	2009.	-29.
30 21	D-14-12-29	2020.	2000.	1995.	2017.	-22.
30 22	D-14-12-28	2025.	2010.	2005.	2025.	-20.
30 23	D-14-12-27	2028.	2025.	2020.	2030.	-10.
30 24	D-14-12-26	2033.	2033.	2030.	2033.	-3.
30 29	D-14-13-27	2355.	2325.	2325.	2297.	28.
30 30	D-14-13-26	2355.	2325.	2316.	2296.	20.
30 31	D-14-13-25	2360.	2333.	2315.	2297.	18.
30 32	D-14-14-30	2378.	2325.	2312.	2304.	8.
30 33	D-14-14-29	2377.	2330.	2310.	2315.	-5.
30 34	D-14-14-28	2378.	2338.	2310.	2328.	-18.
30 35	D-14-14-27	2384.	2342.	2320.	2337.	-17.
30 36	D-14-14-26	2398.	2350.	2330.	2344.	-14.
30 37	D-14-14-25	2406.	2365.	2345.	2356.	-11.
30 38	D-14-15-30	2425.	2385.	2350.	2381.	-31.
30 39	D-14-15-29	2450.	2420.	2390.	2409.	-19.
30 40	D-14-15-28	2495.	2455.	2425.	2447.	-22.
30 41	D-14-15-27	2523.	2485.	2475.	2478.	-3.
30 42	D-14-15-26	2543.	2525.	2512.	2514.	-2.
30 43	D-14-15-25	2550.	2535.	2520.	2568.	-48.
30 44	D-14-16-30	2730.	2720.	2710.	2642.	68.
30 45	D-14-16-29	2730.	2730.	2710.	2685.	25.
31 12	D-14-10-35	2023.	2028.	2020.	1975.	45.

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TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
31 13	D-14-10-36	2022.	2025.	2020.	1997.	23.
31 14	D-14-11-31	2018.	2005.	2000.	1997.	3.
31 15	D-14-11-32	2015.	2000.	1990.	1991.	-1.
31 16	D-14-11-33	2010.	2000.	1985.	1985.	0.
31 17	D-14-11-34	2010.	2000.	1975.	1980.	-5.
31 18	D-14-11-35	2012.	2005.	1980.	2000.	-20.
31 19	D-14-11-36	2022.	2012.	1989.	2012.	-23.
31 20	D-14-12-31	2025.	2012.	1995.	2019.	-24.
31 21	D-14-12-32	2028.	2022.	2010.	2024.	-14.
31 22	D-14-12-33	2032.	2029.	2028.	2030.	-2.
31 23	D-14-12-34	2038.	2035.	2030.	2033.	-3.
31 24	D-14-12-35	2048.	2048.	2045.	2034.	11.
31 25	D-14-12-36	2060.	2055.	2055.	2034.	21.
31 30	D-14-13-35	2365.	2338.	2316.	2302.	14.
31 31	D-14-13-36	2370.	2350.	2343.	2313.	30.
31 32	D-14-14-31	2401.	2375.	2350.	2325.	25.
31 33	D-14-14-32	2420.	2380.	2350.	2336.	14.
31 34	D-14-14-33	2400.	2375.	2340.	2341.	-1.
31 35	D-14-14-34	2400.	2375.	2320.	2343.	-23.
31 36	D-14-14-35	2420.	2375.	2340.	2351.	-11.
31 37	D-14-14-36	2434.	2385.	2370.	2377.	-7.
31 38	D-14-15-31	2442.	2420.	2375.	2414.	-39.
31 39	D-14-15-32	2475.	2445.	2400.	2438.	-38.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
31 40	D-14-15-33	2512.	2475.	2450.	2465.	-15.
31 41	D-14-15-34	2532.	2510.	2490.	2500.	-10.
31 42	D-14-15-35	2558.	2550.	2525.	2540.	-15.
31 43	D-14-15-36	2610.	2600.	2575.	2582.	-7.
31 44	D-14-16-31	2720.	2720.	2700.	2651.	49.
31 45	D-14-16-32	2750.	2750.	2750.	2715.	35.
32 13	D-15-10-01	2060.	2060.	2050.	2035.	15.
32 14	D-15-11-06	2040.	2027.	2025.	2029.	-4.
32 15	D-15-11-05	2035.	2025.	2005.	2018.	-13.
32 16	D-15-11-04	2030.	2025.	1998.	2013.	-15.
32 17	D-15-11-03	2025.	2019.	1995.	2010.	-15.
32 18	D-15-11-02	2025.	2018.	1990.	2017.	-27.
32 19	D-15-11-01	2028.	2021.	2000.	2021.	-21.
32 20	D-15-12-06	2031.	2020.	2005.	2026.	-21.
32 21	D-15-12-05	2038.	2030.	2010.	2031.	-21.
32 22	D-15-12-04	2040.	2040.	2020.	2035.	-15.
32 23	D-15-12-03	2045.	2045.	2040.	2037.	3.
32 28	D-15-13-04	2390.	2360.	2345.	2350.	-5.
32 29	D-15-13-03	2385.	2345.	2340.	2347.	-7.
32 30	D-15-13-02	2380.	2350.	2350.	2338.	12.
32 31	D-15-13-01	2420.	2395.	2400.	2339.	61.
32 32	D-15-14-06	2440.	2403.	2420.	2344.	76.
32 33	D-15-14-05	2456.	2425.	2425.	2356.	69.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
32 34	D-15-14-04	2444.	2425.	2425.	2355.	70.
32 35	D-15-14-03	2435.	2380.	2340.	2340.	0.
32 36	D-15-14-02	2472.	2400.	2375.	2373.	2.
32 37	D-15-14-01	2463.	2425.	2380.	2402.	-22.
32 38	D-15-15-06	2464.	2440.	2425.	2435.	-10.
32 39	D-15-15-05	2500.	2475.	2450.	2461.	-11.
32 40	D-15-15-04	2535.	2490.	2475.	2485.	-10.
32 41	D-15-15-03	2548.	2525.	2500.	2520.	-20.
32 42	D-15-15-02	2572.	2565.	2555.	2559.	-4.
32 43	D-15-15-01	2603.	2610.	2600.	2594.	6.
32 44	D-15-16-06	2735.	2725.	2700.	2663.	37.
32 45	D-15-16-05	2745.	2761.	2758.	2731.	27.
33 13	D-15-10-12	2120.	2120.	2100.	2077.	23.
33 14	D-15-11-07	2075.	2075.	2025.	2063.	-38.
33 15	D-15-11-08	2065.	2050.	2005.	2046.	-41.
33 16	D-15-11-09	2055.	2040.	2000.	2034.	-34.
33 17	D-15-11-10	2045.	2038.	2000.	2030.	-30.
33 18	D-15-11-11	2040.	2035.	2015.	2023.	-8.
33 19	D-15-11-12	2038.	2035.	2025.	2028.	-3.
33 20	D-15-12-07	2037.	2030.	2025.	2033.	-8.
33 21	D-15-12-08	2045.	2045.	2045.	2038.	7.
33 22	D-15-12-09	2050.	2050.	2050.	2041.	9.
33 23	D-15-12-10	2070.	2055.	2055.	2043.	12.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
33 28	D-15-13-09	2402.	2375.	2350.	2356.	-6.
33 29	D-15-13-10	2400.	2370.	2310.	2355.	-45.
33 30	D-15-13-11	2410.	2380.	2330.	2354.	-24.
33 31	D-15-13-12	2440.	2415.	2390.	2358.	32.
33 32	D-15-14-07	2460.	2427.	2425.	2371.	54.
33 33	D-15-14-08	2481.	2452.	2440.	2384.	56.
33 34	D-15-14-09	2493.	2475.	2450.	2388.	62.
33 35	D-15-14-10	2501.	2480.	2455.	2393.	62.
33 36	D-15-14-11	2505.	2480.	2460.	2421.	39.
33 37	D-15-14-12	2506.	2475.	2475.	2446.	29.
33 38	D-15-15-07	2510.	2500.	2475.	2470.	5.
33 39	D-15-15-08	2531.	2515.	2500.	2491.	9.
33 40	D-15-15-09	2546.	2520.	2520.	2513.	7.
33 41	D-15-15-10	2560.	2540.	2545.	2540.	5.
33 42	D-15-15-11	2580.	2575.	2575.	2573.	2.
33 43	D-15-15-12	2610.	2600.	2600.	2602.	-2.
33 44	D-15-16-07	2740.	2720.	2700.	2664.	36.
33 45	D-15-16-08	2760.	2780.	2775.	2733.	42.
34 08	D-15-10-18	2375.	2365.	2355.	2331.	24.
34 09	D-15-10-17	2365.	2360.	2350.	2320.	30.
34 10	D-15-10-16	2375.	2360.	2340.	2296.	44.
34 11	D-15-10-15	2355.	2300.	2275.	2257.	18.
34 12	D-15-10-14	2275.	2220.	2225.	2203.	22.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
34 13	D-15-10-13	2200.	2150.	2150.	2134.	16.
34 14	D-15-11-18	2120.	2105.	2075.	2101.	-26.
34 15	D-15-11-17	2100.	2085.	2060.	2080.	-20.
34 16	D-15-11-16	2085.	2080.	2050.	2058.	-8.
34 17	D-15-11-15	2080.	2075.	2050.	2039.	11.
34 18	D-15-11-14	2070.	2062.	2050.	2039.	11.
34 19	D-15-11-13	2063.	2052.	2050.	2041.	9.
34 20	D-15-12-18	2059.	2055.	2055.	2043.	12.
34 21	D-15-12-17	2059.	2055.	2055.	2046.	9.
34 22	D-15-12-16	2060.	2060.	2060.	2048.	12.
34 23	D-15-12-15	2080.	2060.	2060.	2049.	11.
34 28	D-15-13-16	2410.	2400.	2400.	2365.	35.
34 29	D-15-13-15	2412.	2433.	2350.	2365.	-15.
34 30	D-15-13-14	2432.	2400.	2350.	2371.	-21.
34 31	D-15-13-13	2460.	2438.	2420.	2377.	43.
34 32	D-15-14-18	2484.	2460.	2435.	2393.	42.
34 33	D-15-14-17	2498.	2470.	2455.	2407.	48.
34 34	D-15-14-16	2508.	2490.	2470.	2425.	45.
34 35	D-15-14-15	2517.	2510.	2500.	2445.	55.
34 36	D-15-14-14	2525.	2525.	2507.	2466.	41.
34 37	D-15-14-13	2536.	2525.	2510.	2484.	26.
34 38	D-15-15-18	2544.	2520.	2520.	2501.	19.
34 39	D-15-15-17	2550.	2535.	2525.	2519.	6.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
34 40	D-15-15-16	2557.	2550.	2535.	2535.	0.
34 41	D-15-15-15	2567.	2555.	2550.	2557.	-7.
34 42	D-15-15-14	2587.	2575.	2575.	2581.	-6.
34 43	D-15-15-13	2630.	2605.	2605.	2603.	2.
34 44	D-15-16-18	2690.	2700.	2685.	2670.	15.
34 45	D-15-16-17	2754.	2775.	2750.	2736.	14.
34 46	D-15-16-16	2840.	2830.	2790.	2795.	-5.
34 47	D-15-16-15	2935.	2925.	2850.	2854.	-4.
35 08	D-15-10-19	2375.	2365.	2350.	2334.	16.
35 09	D-15-10-20	2365.	2360.	2345.	2324.	21.
35 10	D-15-10-21	2370.	2325.	2340.	2299.	41.
35 11	D-15-10-22	2345.	2275.	2295.	2266.	29.
35 12	D-15-10-23	2300.	2225.	2250.	2221.	29.
35 13	D-15-10-24	2250.	2190.	2190.	2169.	21.
35 14	D-15-11-19	2190.	2150.	2160.	2131.	29.
35 15	D-15-11-20	2150.	2135.	2100.	2109.	-9.
35 16	D-15-11-21	2130.	2125.	2075.	2089.	-14.
35 17	D-15-11-22	2120.	2120.	2100.	2068.	32.
35 18	D-15-11-23	2105.	2095.	2080.	2064.	16.
35 19	D-15-11-24	2100.	2075.	2075.	2060.	15.
35 20	D-15-12-19	2095.	2075.	2075.	2057.	18.
35 21	D-15-12-20	2100.	2075.	2073.	2055.	18.
35 22	D-15-12-21	2098.	2075.	2072.	2053.	19.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
35 23	D-15-12-22	2110.	2070.	2070.	2054.	16.
35 28	D-15-13-21	2446.	2425.	2415.	2372.	43.
35 29	D-15-13-22	2447.	2400.	2400.	2379.	21.
35 30	D-15-13-23	2460.	2417.	2400.	2389.	11.
35 31	D-15-13-24	2482.	2455.	2440.	2399.	41.
35 32	D-15-14-19	2500.	2474.	2440.	2409.	31.
35 33	D-15-14-20	2507.	2490.	2460.	2427.	33.
35 34	D-15-14-21	2516.	2505.	2475.	2449.	26.
35 35	D-15-14-22	2530.	2513.	2500.	2469.	31.
35 36	D-15-14-23	2540.	2526.	2515.	2488.	27.
35 37	D-15-14-24	2546.	2530.	2520.	2506.	14.
35 38	D-15-15-19	2553.	2535.	2525.	2522.	3.
35 39	D-15-15-20	2558.	2549.	2533.	2536.	-3.
35 40	D-15-15-21	2564.	2560.	2545.	2549.	-4.
35 41	D-15-15-22	2572.	2570.	2560.	2567.	-7.
35 42	D-15-15-23	2593.	2585.	2580.	2584.	-4.
35 43	D-15-15-24	2627.	2620.	2605.	2613.	-8.
35 44	D-15-16-19	2680.	2700.	2640.	2655.	-15.
35 45	D-15-16-20	2754.	2755.	2700.	2706.	-6.
35 46	D-15-16-21	2784.	2800.	2760.	2756.	4.
35 47	D-15-16-22	2830.	2850.	2835.	2796.	39.
36 08	D-15-10-30	2375.	2363.	2340.	2341.	-1.
36 09	D-15-10-29	2368.	2360.	2340.	2331.	9.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
36 10	D-15-10-28	2365.	2330.	2330.	2308.	22.
36 11	D-15-10-27	2343.	2300.	2305.	2284.	21.
36 12	D-15-10-26	2315.	2290.	2270.	2250.	20.
36 13	D-15-10-25	2265.	2250.	2200.	2208.	-8.
36 14	D-15-11-30	2220.	2220.	2180.	2170.	10.
36 15	D-15-11-29	2181.	2170.	2150.	2143.	7.
36 16	D-15-11-28	2168.	2165.	2140.	2121.	19.
36 17	D-15-11-27	2150.	2150.	2135.	2107.	28.
36 18	D-15-11-26	2135.	2130.	2105.	2093.	12.
36 19	D-15-11-25	2125.	2100.	2100.	2083.	17.
36 20	D-15-12-30	2120.	2090.	2090.	2076.	14.
36 21	D-15-12-29	2115.	2085.	2082.	2070.	12.
36 22	D-15-12-28	2118.	2070.	2080.	2064.	16.
36 23	D-15-12-27	2120.	2074.	2078.	2063.	15.
36 29	D-15-13-27	2485.	2450.	2410.	2406.	4.
36 30	D-15-13-26	2497.	2450.	2440.	2410.	30.
36 31	D-15-13-25	2508.	2470.	2450.	2415.	35.
36 32	D-15-14-30	2515.	2485.	2455.	2423.	32.
36 33	D-15-14-29	2521.	2500.	2465.	2441.	24.
36 34	D-15-14-28	2530.	2510.	2480.	2464.	16.
36 35	D-15-14-27	2540.	2520.	2502.	2486.	16.
36 36	D-15-14-26	2547.	2530.	2518.	2503.	15.
36 37	D-15-14-25	2553.	2538.	2525.	2519.	6.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
36 38	D-15-15-30	2559.	2545.	2538.	2533.	5.
36 39	D-15-15-29	2564.	2555.	2545.	2546.	-1.
36 40	D-15-15-28	2568.	2565.	2555.	2560.	-5.
36 41	D-15-15-27	2578.	2570.	2565.	2577.	-12.
36 42	D-15-15-26	2597.	2590.	2580.	2596.	-16.
36 43	D-15-15-25	2620.	2615.	2605.	2620.	-15.
36 44	D-15-16-30	2657.	2675.	2625.	2646.	-21.
36 45	D-15-16-29	2695.	2720.	2650.	2676.	-26.
36 46	D-15-16-28	2780.	2755.	2745.	2713.	32.
36 47	D-15-16-27	2800.	2800.	2755.	2749.	6.
37 08	D-15-10-31	2380.	2362.	2335.	2355.	-20.
37 09	D-15-10-32	2370.	2359.	2335.	2345.	-10.
37 10	D-15-10-33	2360.	2355.	2335.	2322.	13.
37 11	D-15-10-34	2350.	2346.	2320.	2302.	18.
37 12	D-40-10-35	2322.	2310.	2290.	2276.	14.
37 13	D-15-10-36	2300.	2300.	2250.	2241.	9.
37 14	D-15-11-31	2240.	2235.	2190.	2207.	-17.
37 15	D-15-11-32	2200.	2200.	2170.	2181.	-11.
37 16	D-15-11-33	2185.	2180.	2150.	2160.	-10.
37 17	D-15-11-34	2170.	2170.	2145.	2144.	1.
37 18	D-15-11-35	2163.	2150.	2130.	2126.	4.
37 19	D-15-11-36	2155.	2120.	2125.	2108.	17.
37 20	D-15-12-31	2140.	2130.	2110.	2097.	13.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
37 21	D-15-12-32	2130.	2085.	2095.	2086.	9.
37 22	D-15-12-33	2127.	2080.	2088.	2076.	12.
37 23	D-15-12-34	2130.	2080.	2082.	2071.	11.
37 28	D-15-13-33	2500.	2485.	2460.	2458.	2.
37 29	D-15-13-34	2502.	2475.	2450.	2440.	10.
37 30	D-15-13-35	2508.	2475.	2455.	2435.	20.
37 31	D-15-13-36	2520.	2475.	2460.	2434.	26.
37 32	D-15-14-31	2528.	2500.	2460.	2429.	31.
37 33	D-15-14-32	2533.	2510.	2475.	2454.	21.
37 34	D-15-14-33	2540.	2515.	2495.	2481.	14.
37 35	D-15-14-34	2548.	2527.	2510.	2499.	11.
37 36	D-15-14-35	2554.	2538.	2520.	2514.	6.
37 37	D-15-14-36	2560.	2550.	2530.	2531.	-1.
37 38	D-15-15-31	2565.	2557.	2545.	2544.	1.
37 39	D-15-15-32	2570.	2564.	2550.	2556.	-6.
37 40	D-15-15-33	2576.	2575.	2560.	2570.	-10.
37 41	D-15-15-34	2588.	2580.	2575.	2585.	-10.
37 42	D-15-15-35	2606.	2600.	2585.	2603.	-18.
37 43	D-15-15-36	2622.	2620.	2600.	2624.	-24.
37 44	D-15-16-31	2650.	2655.	2620.	2646.	-26.
37 45	D-15-16-32	2678.	2685.	2640.	2670.	-30.
37 46	D-15-16-33	2780.	2720.	2700.	2691.	9.
37 47	D-15-16-34	2793.	2750.	2740.	2713.	27.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
38 05	D-16-09-03	2535.	2535.	2495.	2498.	-3.
38 06	D-16-09-02	2500.	2505.	2460.	2476.	-16.
38 07	D-16-09-01	2440.	2440.	2425.	2443.	-18.
38 08	D-16-10-06	2400.	2400.	2375.	2393.	-18.
38 09	D-16-10-05	2390.	2385.	2375.	2363.	12.
38 10	D-16-10-04	2380.	2375.	2360.	2347.	13.
38 11	D-16-10-03	2370.	2365.	2350.	2326.	24.
38 12	D-16-10-02	2340.	2340.	2300.	2297.	3.
38 13	D-16-10-01	2300.	2300.	2250.	2265.	-15.
38 14	D-16-11-06	2242.	2250.	2200.	2233.	-33.
38 15	D-16-11-05	2208.	2200.	2180.	2208.	-28.
38 16	D-16-11-04	2195.	2185.	2170.	2186.	-16.
38 17	D-16-11-03	2188.	2170.	2160.	2168.	-8.
38 18	D-16-11-02	2180.	2150.	2150.	2151.	-1.
38 19	D-16-11-01	2158.	2140.	2140.	2133.	7.
38 20	D-16-12-06	2160.	2120.	2120.	2118.	2.
38 21	D-16-12-05	2150.	2110.	2105.	2104.	1.
38 22	D-16-12-04	2135.	2095.	2095.	2091.	4.
38 27	D-16-13-05	2600.	2510.	2480.	2501.	-21.
38 28	D-16-13-04	2550.	2505.	2475.	2481.	-6.
38 29	D-16-13-03	2520.	2501.	2460.	2471.	-11.
38 30	D-16-13-02	2523.	2495.	2460.	2462.	-2.
38 31	D-16-13-01	2534.	2498.	2465.	2458.	7.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
38 32	D-16-14-06	2538.	2509.	2470.	2445.	25.
38 33	D-16-14-05	2541.	2519.	2490.	2471.	19.
38 34	D-16-14-04	2548.	2529.	2495.	2495.	0.
38 35	D-16-14-03	2556.	2539.	2520.	2509.	11.
38 36	D-16-14-02	2562.	2550.	2530.	2525.	5.
38 37	D-16-14-01	2568.	2563.	2540.	2540.	-0.
38 38	D-16-15-06	2573.	2568.	2545.	2552.	-7.
38 39	D-16-15-05	2578.	2575.	2560.	2564.	-4.
38 40	D-16-15-04	2587.	2587.	2565.	2578.	-13.
38 41	D-16-15-03	2600.	2595.	2578.	2592.	-14.
38 42	D-16-15-02	2612.	2610.	2589.	2611.	-22.
38 43	D-16-15-01	2625.	2625.	2600.	2626.	-26.
38 44	D-16-16-06	2647.	2647.	2620.	2643.	-23.
38 45	D-16-16-05	2671.	2670.	2635.	2664.	-29.
38 46	D-16-16-04	2695.	2685.	2675.	2686.	-11.
38 47	D-16-16-03	2775.	2700.	2700.	2707.	-7.
39 04	D-16-09-09	2550.	2550.	2530.	2531.	-1.
39 05	D-16-09-10	2540.	2535.	2500.	2509.	-9.
39 06	D-16-09-11	2500.	2500.	2475.	2488.	-13.
39 07	D-16-09-12	2460.	2450.	2450.	2463.	-13.
39 08	D-16-10-07	2430.	2425.	2425.	2435.	-10.
39 09	D-16-10-08	2425.	2415.	2405.	2399.	6.
39 10	D-16-10-09	2420.	2400.	2400.	2376.	24.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
39 11	D-16-10-10	2404.	2398.	2395.	2355.	40.
39 12	D-16-10-11	2370.	2375.	2360.	2323.	37.
39 13	D-16-10-12	2300.	2300.	2290.	2288.	2.
39 14	D-16-11-07	2250.	2250.	2235.	2254.	-19.
39 15	D-16-11-08	2212.	2200.	2200.	2228.	-28.
39 16	D-16-11-09	2204.	2195.	2190.	2208.	-18.
39 17	D-16-11-10	2195.	2180.	2180.	2191.	-11.
39 18	D-16-11-11	2191.	2165.	2165.	2170.	-5.
39 19	D-16-11-12	2183.	2160.	2150.	2154.	-4.
39 20	D-16-12-07	2175.	2150.	2140.	2138.	2.
39 21	D-16-12-08	2165.	2135.	2125.	2123.	2.
39 27	D-16-13-08	2620.	2575.	2540.	2518.	22.
39 28	D-16-13-09	2550.	2530.	2510.	2500.	10.
39 29	D-16-13-10	2540.	2520.	2490.	2492.	-2.
39 30	D-16-13-11	2538.	2515.	2475.	2482.	-7.
39 31	D-16-13-12	2543.	2512.	2480.	2478.	2.
39 32	D-16-14-07	2545.	2510.	2485.	2469.	16.
39 33	D-16-14-08	2548.	2521.	2495.	2488.	7.
39 34	D-16-14-09	2557.	2525.	2508.	2504.	4.
39 35	D-16-14-10	2564.	2541.	2520.	2518.	2.
39 36	D-16-14-11	2571.	2550.	2535.	2533.	2.
39 37	D-16-14-12	2578.	2565.	2545.	2547.	-2.
39 38	D-16-15-07	2582.	2577.	2550.	2559.	-9.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
39 39	D-16-15-08	2588.	2588.	2565.	2572.	-7.
39 40	D-16-15-09	2598.	2595.	2575.	2584.	-9.
39 41	D-16-15-10	2609.	2607.	2585.	2599.	-14.
39 42	D-16-15-11	2618.	2618.	2595.	2616.	-21.
39 43	D-16-15-12	2635.	2630.	2605.	2629.	-24.
39 44	D-16-16-07	2648.	2645.	2624.	2645.	-21.
39 45	D-16-16-08	2662.	2662.	2635.	2663.	-28.
39 46	D-16-16-09	2680.	2675.	2665.	2682.	-17.
39 47	D-16-16-10	2780.	2685.	2680.	2704.	-24.
40 02	D-16-09-18B	2690.	2670.	2700.	2587.	113.
40 03	D-16-09-17B	2621.	2565.	2600.	2571.	29.
40 04	D-16-09-16	2540.	2545.	2535.	2546.	-11.
40 05	D-16-09-15	2530.	2530.	2513.	2523.	-10.
40 06	D-16-09-14	2517.	2505.	2495.	2502.	-7.
40 07	D-16-09-13	2490.	2475.	2475.	2482.	-7.
40 08	D-16-10-18	2470.	2450.	2450.	2463.	-13.
40 09	D-16-10-17	2460.	2435.	2435.	2441.	-6.
40 10	D-16-10-16	2445.	2425.	2425.	2412.	13.
40 11	D-16-10-15	2430.	2420.	2420.	2386.	34.
40 12	D-16-10-14	2400.	2400.	2400.	2349.	51.
40 13	D-16-10-13	2330.	2325.	2300.	2311.	-11.
40 14	D-16-11-18	2270.	2270.	2225.	2273.	-48.
40 15	D-16-11-17	2240.	2220.	2215.	2244.	-29.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
40 16	D-16-11-16	2208.	2195.	2195.	2224.	-29.
40 17	D-16-11-15	2198.	2185.	2185.	2208.	-23.
40 18	D-16-11-14	2194.	2180.	2180.	2182.	-2.
40 19	D-16-11-13	2190.	2175.	2175.	2167.	8.
40 20	D-16-12-18	2180.	2165.	2150.	2161.	-11.
40 26	D-16-13-18	2650.	2650.	2570.	2565.	5.
40 27	D-16-13-17	2630.	2580.	2550.	2536.	14.
40 28	D-16-13-16	2620.	2538.	2520.	2514.	6.
40 29	D-16-13-15	2575.	2534.	2515.	2503.	12.
40 30	D-16-13-14	2550.	2531.	2495.	2495.	0.
40 31	D-16-13-13	2550.	2531.	2495.	2489.	6.
40 32	D-16-14-18	2551.	2520.	2490.	2489.	1.
40 33	D-16-14-17	2556.	2515.	2490.	2491.	-1.
40 34	D-16-14-16	2563.	2525.	2509.	2509.	-0.
40 35	D-16-14-15	2569.	2544.	2520.	2525.	-5.
40 36	D-16-14-14	2578.	2559.	2535.	2539.	-4.
40 37	D-16-14-13	2587.	2575.	2550.	2552.	-2.
40 38	D-16-15-18	2591.	2590.	2555.	2566.	-11.
40 39	D-16-15-17	2598.	2595.	2566.	2579.	-13.
40 40	D-16-15-16	2607.	2605.	2576.	2591.	-15.
40 41	D-16-15-15	2616.	2615.	2599.	2608.	-9.
40 42	D-16-15-14	2628.	2625.	2600.	2622.	-22.
40 43	D-16-15-13	2636.	2633.	2610.	2634.	-24.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
40 44	D-16-16-18	2648.	2648.	2625.	2649.	-24.
40 45	D-16-16-17	2661.	2660.	2635.	2666.	-31.
40 46	D-16-16-16	2674.	2670.	2665.	2680.	-15.
40 47	D-16-16-15	2710.	2700.	2690.	2700.	-10.
41 02	D-16-09-19B	2680.	2670.	2665.	2588.	77.
41 03	D-16-09-20B	2625.	2600.	2575.	2577.	-2.
41 04	D-16-09-21	2550.	2550.	2537.	2558.	-21.
41 05	D-16-09-22	2540.	2535.	2535.	2535.	0.
41 06	D-16-09-23	2525.	2515.	2517.	2515.	2.
41 07	D-16-09-24	2503.	2480.	2480.	2497.	-17.
41 08	D-16-10-19	2490.	2475.	2470.	2484.	-14.
41 09	D-16-10-20	2480.	2468.	2455.	2468.	-13.
41 10	D-16-10-21	2465.	2460.	2445.	2444.	1.
41 11	D-16-10-22	2445.	2445.	2440.	2418.	22.
41 12	D-16-10-23	2420.	2413.	2425.	2385.	40.
41 13	D-16-10-24	2355.	2350.	2390.	2344.	46.
41 14	D-16-11-19	2300.	2315.	2255.	2298.	-43.
41 15	D-16-11-20	2255.	2245.	2275.	2260.	15.
41 16	D-16-11-21	2210.	2220.	2250.	2234.	16.
41 17	D-16-11-22	2205.	2185.	2225.	2220.	5.
41 19	D-16-11-24	2195.	2180.	2225.	2168.	57.
41 26	D-16-13-19	2675.	2675.	2575.	2565.	10.
41 27	D-16-13-20	2645.	2640.	2565.	2543.	22.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
41 28	D-16-13-21	2620.	2550.	2545.	2527.	18.
41 29	D-16-13-22	2590.	2540.	2500.	2506.	-6.
41 30	D-16-13-23	2564.	2515.	2485.	2499.	-14.
41 31	D-16-13-24	2560.	2535.	2480.	2495.	-15.
41 32	D-16-14-19	2558.	2535.	2500.	2496.	4.
41 33	D-16-14-20	2560.	2538.	2500.	2500.	0.
41 34	D-16-14-21	2567.	2540.	2510.	2513.	-3.
41 35	D-16-14-22	2574.	2550.	2520.	2531.	-11.
41 36	D-16-14-23	2587.	2575.	2540.	2543.	-3.
41 37	D-16-14-24	2600.	2600.	2560.	2556.	4.
41 38	D-16-15-19	2603.	2603.	2565.	2572.	-7.
41 39	D-16-15-20	2608.	2608.	2575.	2587.	-12.
41 40	D-16-15-21	2615.	2612.	2595.	2602.	-7.
41 41	D-16-15-22	2622.	2620.	2608.	2617.	-9.
41 42	D-16-15-23	2631.	2630.	2620.	2628.	-8.
41 43	D-16-15-24	2640.	2638.	2630.	2640.	-10.
41 44	D-16-16-19	2649.	2649.	2635.	2654.	-19.
41 45	D-16-16-20	2660.	2660.	2645.	2670.	-25.
41 46	D-16-16-21	2672.	2675.	2665.	2683.	-18.
41 47	D-16-16-22	2710.	2700.	2695.	2701.	-6.
41 48	D-16-16-23	2800.	2720.	2720.	2725.	-5.
41 49	D-16-16-24	2900.	2740.	2730.	2748.	-18.
42 02	D-16-09-30B	2670.	2670.	2670.	2586.	84.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
42 03	D-16-09-29B	2630.	2575.	2550.	2580.	-30.
42 04	D-16-09-28	2560.	2555.	2545.	2572.	-27.
42 05	D-16-09-27	2560.	2540.	2540.	2555.	-15.
42 06	D-16-09-26	2550.	2520.	2530.	2534.	-4.
42 07	D-16-09-25	2518.	2505.	2500.	2514.	-14.
42 08	D-16-10-30	2505.	2500.	2482.	2498.	-16.
42 09	D-16-10-29	2500.	2495.	2470.	2485.	-15.
42 10	D-16-10-28	2483.	2480.	2460.	2469.	-9.
42 11	D-16-10-27	2470.	2465.	2450.	2445.	5.
42 12	D-16-10-26	2430.	2425.	2445.	2416.	29.
42 13	D-16-10-25	2375.	2375.	2440.	2380.	60.
42 14	D-16-11-30	2345.	2350.	2375.	2343.	32.
42 15	D-16-11-29	2310.	2300.	2350.	2296.	54.
42 28	D-16-13-28	2630.	2600.	2550.	2530.	20.
42 29	D-16-13-27	2600.	2530.	2500.	2505.	-5.
42 30	D-16-13-26	2581.	2505.	2470.	2494.	-24.
42 31	D-16-13-25	2575.	2533.	2470.	2495.	-25.
42 32	D-16-14-30	2567.	2535.	2515.	2499.	16.
42 33	D-16-14-29	2569.	2545.	2520.	2513.	7.
42 34	D-16-14-28	2570.	2545.	2520.	2525.	-5.
42 35	D-16-14-27	2580.	2564.	2530.	2539.	-9.
42 36	D-16-14-26	2597.	2584.	2550.	2549.	1.
42 37	D-16-14-25	2608.	2600.	2570.	2556.	14.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION Q-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
42 38	D-16-15-30	2615.	2613.	2575.	2578.	-3.
42 39	D-16-15-29	2618.	2616.	2590.	2596.	-6.
42 40	D-16-15-28	2622.	2620.	2605.	2612.	-7.
42 41	D-16-15-27	2626.	2625.	2615.	2624.	-9.
42 42	D-16-15-26	2630.	2630.	2620.	2635.	-15.
42 43	D-16-15-25	2642.	2640.	2640.	2648.	-8.
42 44	D-16-16-30	2649.	2650.	2645.	2661.	-16.
42 45	D-16-16-29	2660.	2675.	2660.	2675.	-15.
42 46	D-16-16-28	2690.	2700.	2695.	2690.	5.
42 47	D-16-16-27	2720.	2715.	2710.	2705.	5.
42 48	D-16-16-26	2800.	2730.	2720.	2725.	-5.
42 49	D-16-16-25	2890.	2760.	2730.	2747.	-17.
43 02	D-16-09-31A	2650.	2600.	2580.	2590.	-10.
43 03	D-16-09-32A	2635.	2575.	2555.	2585.	-30.
43 04	D-16-09-33	2580.	2560.	2540.	2577.	-37.
43 05	D-16-09-34	2580.	2555.	2535.	2569.	-34.
43 06	D-16-09-35	2575.	2550.	2530.	2553.	-23.
43 07	D-16-09-36	2560.	2540.	2520.	2538.	-18.
43 08	D-16-10-31	2535.	2530.	2495.	2520.	-25.
43 09	D-16-10-32	2525.	2515.	2480.	2508.	-28.
43 10	D-16-10-33	2505.	2505.	2470.	2495.	-25.
43 11	D-16-10-34	2490.	2475.	2460.	2474.	-14.
43 12	D-16-10-35	2450.	2445.	2455.	2449.	6.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
43 13	D-16-10-36	2390.	2385.	2445.	2407.	38.
43 14	D-16-11-31	2370.	2370.	2420.	2388.	32.
43 28	D-16-13-33	2670.	2650.	2560.	2526.	34.
43 29	D-16-13-34	2625.	2538.	2490.	2502.	-12.
43 30	D-16-13-35	2599.	2512.	2440.	2484.	-44.
43 31	D-16-13-36	2595.	2540.	2480.	2489.	-9.
43 32	D-16-14-31	2582.	2540.	2510.	2503.	7.
43 33	D-16-14-32	2577.	2555.	2545.	2520.	25.
43 34	D-16-14-33	2575.	2555.	2540.	2536.	4.
43 35	D-16-14-34	2585.	2565.	2550.	2549.	1.
43 36	D-16-14-35	2603.	2585.	2565.	2561.	4.
43 37	D-16-14-36	2614.	2600.	2585.	2573.	12.
43 38	D-16-15-31	2617.	2615.	2585.	2589.	-4.
43 39	D-16-15-32	2625.	2625.	2605.	2607.	-2.
43 40	D-16-15-33	2628.	2627.	2615.	2621.	-6.
43 41	D-16-15-34	2632.	2632.	2625.	2632.	-7.
43 42	D-16-15-35	2635.	2632.	2628.	2645.	-17.
43 43	D-16-15-36	2643.	2640.	2640.	2656.	-16.
43 44	D-16-16-31	2652.	2653.	2650.	2669.	-19.
43 45	D-16-16-32	2680.	2680.	2670.	2683.	-13.
43 46	D-16-16-33	2710.	2710.	2700.	2698.	2.
43 47	D-16-16-34	2750.	2739.	2730.	2713.	17.
43 48	D-16-16-35	2800.	2750.	2740.	2733.	7.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
43 49	D-16-16-36	2900.	2800.	2750.	2754.	-4.
44 28	D-17-13-04	2684.	2680.	2550.	2539.	11.
44 29	D-17-13-03	2640.	2560.	2520.	2515.	5.
44 30	D-17-13-02	2620.	2542.	2475.	2496.	-21.
44 31	D-17-13-01	2610.	2548.	2450.	2497.	-47.
44 32	D-17-14-06	2600.	2575.	2525.	2503.	22.
44 33	D-17-14-05	2590.	2575.	2550.	2526.	24.
44 34	D-17-14-04	2580.	2565.	2550.	2544.	6.
44 35	D-17-14-03	2589.	2578.	2560.	2558.	2.
44 36	D-17-14-02	2610.	2585.	2575.	2569.	6.
44 37	D-17-14-01	2619.	2600.	2598.	2582.	16.
44 38	D-17-15-06	2630.	2620.	2606.	2602.	4.
44 39	D-17-15-05	2636.	2635.	2616.	2619.	-3.
44 40	D-17-15-04	2640.	2640.	2622.	2631.	-9.
44 41	D-17-15-03	2641.	2640.	2638.	2644.	-6.
44 42	D-17-15-02	2648.	2648.	2645.	2655.	-10.
44 43	D-17-15-01	2652.	2651.	2650.	2665.	-15.
44 44	D-17-16-06	2665.	2665.	2660.	2678.	-18.
44 45	D-17-16-05	2690.	2680.	2675.	2692.	-17.
44 46	D-17-16-04	2725.	2720.	2715.	2707.	8.
44 47	D-17-16-03	2775.	2740.	2730.	2723.	7.
44 48	D-17-16-02	2825.	2760.	2750.	2740.	10.
44 49	D-17-16-01	2900.	2800.	2775.	2760.	15.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
45 28	D-17-13-09	2800.	2750.	2600.	2565.	35.
45 29	D-17-13-10	2645.	2625.	2521.	2538.	-17.
45 30	D-17-13-11	2640.	2550.	2490.	2520.	-30.
45 31	D-17-13-12	2625.	2560.	2480.	2512.	-32.
45 32	D-17-14-07	2607.	2575.	2540.	2495.	45.
45 33	D-17-14-08	2598.	2585.	2540.	2536.	4.
45 34	D-17-14-09	2587.	2580.	2568.	2556.	12.
45 35	D-17-14-10	2600.	2585.	2575.	2570.	5.
45 36	D-17-14-11	2620.	2595.	2585.	2584.	1.
45 37	D-17-14-12	2648.	2625.	2600.	2602.	-2.
45 38	D-17-15-07	2652.	2650.	2615.	2619.	-4.
45 39	D-17-15-08	2657.	2655.	2622.	2633.	-11.
45 40	D-17-15-09	2656.	2656.	2638.	2646.	-8.
45 41	D-17-15-10	2658.	2656.	2645.	2656.	-11.
45 42	D-17-15-11	2661.	2670.	2650.	2664.	-14.
45 43	D-17-15-12	2667.	2680.	2675.	2675.	0.
45 44	D-17-16-07	2680.	2675.	2700.	2688.	12.
45 45	D-17-16-08	2700.	2700.	2705.	2701.	4.
45 46	D-17-16-09	2740.	2730.	2730.	2716.	14.
45 47	D-17-16-10	2775.	2750.	2750.	2732.	18.
45 48	D-17-16-11	2850.	2775.	2770.	2750.	20.
45 49	D-17-16-12	2925.	2800.	2780.	2778.	2.
46 28	D-17-13-16	2690.	2680.	2570.	2571.	-1.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
46 29	D-17-13-15	2655.	2655.	2560.	2561.	-1.
46 30	D-17-13-14	2644.	2600.	2545.	2543.	2.
46 31	D-17-13-13	2640.	2595.	2550.	2522.	28.
46 32	D-17-14-18	2633.	2600.	2570.	2529.	41.
46 33	D-17-14-17	2628.	2600.	2575.	2556.	19.
46 34	D-17-14-16	2600.	2585.	2590.	2572.	18.
46 35	D-17-14-15	2622.	2598.	2595.	2589.	6.
46 36	D-17-14-14	2660.	2625.	2602.	2604.	-2.
46 37	D-17-14-13	2677.	2655.	2620.	2621.	-1.
46 38	D-17-15-18	2674.	2670.	2622.	2635.	-13.
46 39	D-17-15-17	2675.	2675.	2640.	2648.	-8.
46 40	D-17-15-16	2675.	2688.	2645.	2658.	-13.
46 41	D-17-15-15	2676.	2699.	2655.	2666.	-11.
46 42	D-17-15-14	2678.	2701.	2675.	2673.	2.
46 43	D-17-15-13	2690.	2700.	2700.	2681.	19.
46 44	D-17-16-18	2700.	2700.	2705.	2696.	9.
46 45	D-17-16-17	2730.	2730.	2730.	2712.	18.
46 46	D-17-16-16	2760.	2760.	2755.	2727.	28.
46 47	D-17-16-15	2800.	2770.	2760.	2744.	16.
46 48	D-17-16-14	2875.	2790.	2780.	2764.	16.
46 49	D-17-16-13	2930.	2810.	2800.	2798.	2.
47 29	D-17-13-22	2672.	2630.	2570.	2574.	-4.
47 30	D-17-13-23	2660.	2620.	2560.	2559.	1.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
47 31	D-17-13-24	2655.	2617.	2560.	2539.	21.
47 32	D-17-14-19	2649.	2620.	2565.	2544.	21.
47 33	D-17-14-20	2648.	2618.	2585.	2570.	15.
47 34	D-17-14-21	2650.	2650.	2600.	2590.	10.
47 35	D-17-14-22	2670.	2651.	2615.	2607.	8.
47 36	D-17-14-23	2692.	2660.	2620.	2622.	-2.
47 37	D-17-14-24	2700.	2675.	2640.	2639.	1.
47 38	D-17-15-19	2698.	2685.	2640.	2655.	-15.
47 39	D-17-15-20	2700.	2700.	2650.	2667.	-17.
47 40	D-17-15-21	2701.	2715.	2647.	2675.	-28.
47 41	D-17-15-22	2703.	2720.	2680.	2682.	-2.
47 42	D-17-15-23	2704.	2720.	2700.	2689.	11.
47 43	D-17-15-24	2706.	2720.	2725.	2699.	26.
47 44	D-17-16-19	2740.	2740.	2740.	2712.	28.
47 45	D-17-16-20	2760.	2760.	2760.	2728.	32.
47 46	D-17-16-21	2790.	2760.	2760.	2743.	17.
47 47	D-17-16-22	2830.	2775.	2775.	2760.	15.
47 48	D-17-16-23	2900.	2800.	2800.	2789.	11.
47 49	D-17-16-24	2930.	2870.	2850.	2831.	19.
48 28	D-17-13-28	2700.	2635.	2575.	2614.	-39.
48 29	D-17-13-27	2674.	2625.	2560.	2603.	-43.
48 30	D-17-13-26	2665.	2625.	2555.	2582.	-27.
48 31	D-17-13-25	2663.	2634.	2575.	2555.	20.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
48 32	D-17-14-30	2664.	2635.	2575.	2560.	15.
48 33	D-17-14-29	2665.	2640.	2595.	2591.	4.
48 34	D-17-14-28	2677.	2655.	2620.	2610.	10.
48 35	D-17-14-27	2697.	2670.	2645.	2626.	19.
48 36	D-17-14-26	2708.	2680.	2650.	2643.	7.
48 37	D-17-14-25	2715.	2695.	2660.	2662.	-2.
48 38	D-17-15-30	2713.	2710.	2670.	2678.	-8.
48 39	D-17-15-29	2715.	2715.	2675.	2689.	-14.
48 40	D-17-15-28	2716.	2720.	2700.	2697.	3.
48 41	D-17-15-27	2719.	2720.	2710.	2706.	4.
48 42	D-17-15-26	2722.	2725.	2725.	2716.	9.
48 43	D-17-15-25	2725.	2730.	2750.	2731.	19.
49 27	D-17-13-32	2800.	2700.	2650.	2646.	4.
49 28	D-17-13-33	2710.	2648.	2600.	2612.	-12.
49 29	D-17-13-34	2680.	2640.	2575.	2622.	-47.
49 30	D-17-13-35	2670.	2635.	2570.	2611.	-41.
49 31	D-17-13-36	2670.	2630.	2610.	2603.	7.
49 32	D-17-14-31	2680.	2645.	2620.	2607.	13.
49 33	D-17-14-32	2684.	2650.	2650.	2617.	33.
49 34	D-17-14-33	2700.	2655.	2650.	2631.	19.
49 35	D-17-14-34	2712.	2680.	2670.	2647.	23.
49 36	D-17-14-35	2722.	2700.	2680.	2664.	16.
49 37	D-17-14-36	2730.	2710.	2700.	2683.	17.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
49 38	D-17-15-31	2729.	2720.	2700.	2698.	2.
49 39	D-17-15-32	2730.	2730.	2715.	2708.	7.
49 40	D-17-15-33	2732.	2730.	2720.	2716.	4.
49 41	D-17-15-34	2740.	2735.	2730.	2722.	8.
50 27	D-18-13-05	2800.	2775.	2650.	2613.	37.
50 28	D-18-13-04	2725.	2650.	2598.	2542.	56.
50 29	D-18-13-03	2699.	2645.	2600.	2626.	-26.
50 30	D-18-13-02	2698.	2650.	2605.	2632.	-27.
50 31	D-18-13-01	2698.	2654.	2630.	2621.	9.
50 32	D-18-14-06	2703.	2670.	2640.	2630.	10.
50 33	D-18-14-05	2712.	2675.	2670.	2641.	29.
50 34	D-18-14-04	2718.	2687.	2680.	2657.	23.
50 35	D-18-14-03	2730.	2700.	2690.	2672.	18.
50 36	D-18-14-02	2745.	2720.	2705.	2689.	16.
50 37	D-18-14-01	2755.	2735.	2715.	2706.	9.
50 38	D-18-15-06	2755.	2750.	2727.	2718.	9.
50 39	D-18-15-05	2756.	2752.	2735.	2727.	8.
50 40	D-18-15-04	2757.	2753.	2750.	2736.	14.
50 41	D-18-15-03	2758.	2755.	2760.	2747.	13.
51 27	D-18-13-08	2800.	2775.	2770.	2738.	32.
51 28	D-18-13-09	2745.	2685.	2675.	2670.	5.
51 29	D-18-13-10	2720.	2675.	2640.	2662.	-22.
51 30	D-18-13-11	2725.	2670.	2635.	2657.	-22.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
51 31	D-18-13-12	2722.	2680.	2660.	2645.	15.
51 32	D-18-14-07	2725.	2687.	2670.	2658.	12.
51 33	D-18-14-08	2729.	2701.	2680.	2672.	8.
51 34	D-18-14-09	2741.	2715.	2710.	2686.	24.
51 35	D-18-14-10	2755.	2735.	2710.	2698.	12.
51 36	D-18-14-11	2763.	2750.	2720.	2714.	6.
51 37	D-18-14-12	2765.	2760.	2730.	2728.	2.
51 38	D-18-15-07	2765.	2760.	2730.	2738.	-8.
51 39	D-18-15-08	2767.	2761.	2750.	2746.	4.
51 40	D-18-15-09	2770.	2762.	2755.	2757.	-2.
51 41	D-18-15-10	2771.	2765.	2765.	2778.	-13.
52 27	D-18-13-17	2825.	2815.	2775.	2805.	-30.
52 28	D-18-13-16	2770.	2720.	2710.	2730.	-20.
52 29	D-18-13-15	2770.	2695.	2675.	2692.	-17.
52 30	D-18-13-14	2745.	2720.	2690.	2681.	9.
52 31	D-18-13-13	2737.	2725.	2685.	2672.	13.
52 32	D-18-14-18	2750.	2725.	2705.	2690.	15.
52 33	D-18-14-17	2755.	2735.	2720.	2702.	18.
52 34	D-18-14-16	2764.	2745.	2720.	2712.	8.
52 35	D-18-14-15	2768.	2755.	2725.	2725.	0.
52 36	D-18-14-14	2770.	2770.	2730.	2739.	-9.
52 37	D-18-14-13	2772.	2770.	2740.	2749.	-9.
52 38	D-18-15-18	2775.	2770.	2750.	2757.	-7.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
52 39	D-18-15-17	2778.	2771.	2755.	2765.	-10.
52 40	D-18-15-16	2780.	2771.	2760.	2783.	-23.
53 27	D-18-13-20	2830.	2810.	2825.	2820.	5.
53 28	D-18-13-21	2780.	2770.	2760.	2761.	-1.
53 29	D-18-13-22	2777.	2750.	2720.	2730.	-10.
53 30	D-18-13-23	2770.	2750.	2700.	2714.	-14.
53 31	D-18-13-24	2765.	2750.	2710.	2710.	0.
53 32	D-18-14-19	2772.	2755.	2713.	2718.	-5.
53 33	D-18-14-20	2775.	2760.	2730.	2726.	4.
53 34	D-18-14-21	2780.	2765.	2735.	2737.	-2.
53 35	D-18-14-22	2784.	2770.	2745.	2752.	-7.
53 36	D-18-14-23	2784.	2770.	2755.	2762.	-7.
53 37	D-18-14-24	2785.	2775.	2760.	2769.	-9.
53 38	D-18-15-19	2785.	2775.	2760.	2775.	-15.
53 39	D-18-15-20	2788.	2776.	2762.	2784.	-22.
54 27	D-18-13-29	2840.	2835.	2810.	2790.	20.
54 28	D-18-13-28	2810.	2800.	2795.	2768.	27.
54 29	D-18-13-27	2810.	2775.	2770.	2753.	17.
54 30	D-18-13-26	2808.	2775.	2760.	2738.	22.
54 31	D-18-13-25	2803.	2775.	2765.	2741.	24.
54 32	D-18-14-30	2801.	2780.	2745.	2747.	-2.
54 33	D-18-14-29	2800.	2780.	2740.	2752.	-12.
54 34	D-18-14-28	2799.	2785.	2760.	2763.	-3.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION Q-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
54 35	D-18-14-27	2797.	2775.	2765.	2774.	-9.
54 36	D-18-14-26	2795.	2778.	2770.	2781.	-11.
54 37	D-18-14-25	2795.	2780.	2775.	2786.	-11.
54 38	D-18-15-30	2798.	2783.	2776.	2790.	-14.
54 39	D-18-15-29	2800.	2786.	2780.	2799.	-19.
55 27	D-18-13-32	2852.	2850.	2850.	2797.	53.
55 28	D-18-13-33	2840.	2830.	2825.	2781.	44.
55 29	D-18-13-34	2838.	2823.	2785.	2765.	20.
55 30	D-18-13-35	2832.	2818.	2775.	2762.	13.
55 31	D-18-13-36	2828.	2815.	2780.	2766.	14.
55 32	D-18-14-31	2825.	2810.	2775.	2772.	3.
55 33	D-18-14-32	2820.	2810.	2775.	2779.	-4.
55 34	D-18-14-33	2820.	2815.	2775.	2788.	-13.
55 35	D-18-14-34	2815.	2815.	2780.	2792.	-12.
55 36	D-18-14-35	2811.	2815.	2780.	2795.	-15.
55 37	D-18-14-36	2809.	2815.	2785.	2798.	-13.
55 38	D-18-15-31	2810.	2815.	2786.	2804.	-18.
55 39	D-18-15-32	2812.	2817.	2789.	2816.	-27.
56 21	D-19-12-05	2950.	2950.	2955.	2970.	-15.
56 22	D-19-12-04	2940.	2940.	2940.	2953.	-13.
56 23	D-19-12-03	2930.	2920.	2910.	2931.	-21.
56 24	D-19-12-02	2920.	2910.	2890.	2904.	-14.
56 25	D-19-12-01	2910.	2890.	2875.	2869.	6.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
56 26	D-19-13-06	2900.	2890.	2860.	2839.	21.
56 27	D-19-13-05	2884.	2870.	2840.	2814.	26.
56 28	D-19-13-04	2873.	2852.	2830.	2795.	35.
56 29	D-19-13-03	2868.	2846.	2787.	2777.	10.
56 30	D-19-13-02	2860.	2840.	2780.	2785.	-5.
56 31	D-19-13-01	2854.	2830.	2790.	2791.	-1.
56 32	D-19-14-06B	2847.	2825.	2810.	2796.	14.
56 33	D-19-14-05B	2843.	2820.	2800.	2802.	-2.
56 34	D-19-14-04B	2840.	2820.	2795.	2807.	-12.
56 35	D-19-14-03B	2835.	2816.	2790.	2807.	-17.
56 36	D-19-14-02B	2830.	2820.	2785.	2807.	-22.
56 37	D-19-14-01B	2820.	2820.	2780.	2809.	-29.
56 38	D-19-15-06	2825.	2820.	2782.	2814.	-32.
56 39	D-19-15-05	2830.	2821.	2790.	2820.	-30.
57 20	D-19-12-07	3000.	2990.	2980.	2993.	-13.
57 21	D-19-12-08	2980.	2950.	2965.	2975.	-10.
57 22	D-19-12-09	2940.	2940.	2945.	2957.	-12.
57 23	D-19-12-10	2935.	2940.	2920.	2935.	-15.
57 24	D-19-12-11	2928.	2925.	2900.	2911.	-11.
57 25	D-19-12-12	2920.	2910.	2880.	2878.	2.
57 26	D-19-13-07	2912.	2895.	2875.	2845.	29.
57 27	D-19-13-06	2901.	2875.	2860.	2821.	39.
57 28	D-19-13-05	2895.	2860.	2800.	2804.	-4.

UPPER SANTA CRUZ/AVRA VALLEY MODEL STUDY

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
57 29	D-19-13-10	2890.	2875.	2775.	2794.	-19.
57 30	D-19-13-11	2885.	2860.	2785.	2807.	-22.
57 31	D-19-13-12	2880.	2855.	2800.	2815.	-15.
57 32	D-19-14-07B	2875.	2850.	2830.	2820.	10.
57 33	D-19-14-08B	2870.	2845.	2830.	2824.	6.
57 34	D-19-14-09B	2855.	2845.	2820.	2825.	-5.
57 35	D-19-14-10B	2848.	2840.	2810.	2822.	-12.
57 36	D-19-14-11B	2840.	2825.	2800.	2816.	-16.
57 37	D-19-14-12B	2838.	2825.	2790.	2817.	-27.
57 38	D-19-15-07	2840.	2825.	2790.	2821.	-31.
57 39	D-19-15-08	2842.	2826.	2800.	2826.	-26.
58 20	D-19-12-18	3200.	3100.	2990.	2997.	-7.
58 21	D-19-12-17	2980.	2980.	2975.	2979.	-4.
58 22	D-19-12-16	2960.	2960.	2955.	2962.	-7.
58 23	D-19-12-15	2938.	2935.	2940.	2943.	-3.
58 24	D-19-12-14	2935.	2925.	2905.	2920.	-15.
58 25	D-19-12-13	2935.	2925.	2888.	2890.	-2.
58 26	D-19-13-18	2920.	2920.	2880.	2857.	23.
58 27	D-19-13-17	2925.	2920.	2875.	2818.	57.
58 28	D-19-13-16	2923.	2917.	2850.	2812.	38.
58 29	D-19-13-15	2918.	2885.	2855.	2824.	31.
58 30	D-19-13-14	2910.	2875.	2859.	2835.	24.
58 31	D-19-13-13	2903.	2870.	2860.	2839.	21.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
58 32	D-19-14-18E	2900.	2870.	2859.	2843.	16.
58 33	D-19-14-17E	2890.	2870.	2855.	2846.	9.
58 34	D-19-14-16E	2880.	2860.	2850.	2846.	4.
58 35	D-19-14-15E	2870.	2855.	2840.	2846.	-6.
59 21	D-19-12-20	2975.	3050.	2990.	2988.	2.
59 22	D-19-12-21	2950.	2980.	2970.	2967.	3.
59 23	D-19-12-22	2946.	2970.	2945.	2952.	-7.
59 24	D-19-12-23	2948.	2940.	2915.	2932.	-17.
59 25	D-19-12-24	2950.	2935.	2915.	2906.	9.
59 26	D-19-13-19	2952.	2940.	2895.	2877.	18.
59 27	D-19-13-20	2948.	2945.	2890.	2843.	47.
59 28	D-19-13-21	2946.	2925.	2875.	2849.	26.
59 29	D-19-13-22	2942.	2897.	2890.	2856.	34.
59 30	D-19-13-23	2936.	2885.	2880.	2858.	22.
59 31	D-19-13-24	2929.	2890.	2875.	2859.	16.
59 32	D-19-14-19E	2920.	2880.	2880.	2861.	19.
59 33	D-19-14-20E	2910.	2880.	2880.	2864.	16.
59 34	D-19-14-21E	2905.	2875.	2880.	2867.	13.
60 22	D-19-12-28	2965.	2983.	2980.	2974.	6.
60 23	D-19-12-27	2960.	2980.	2953.	2963.	-10.
60 24	D-19-12-26	2955.	2965.	2940.	2948.	-8.
60 25	D-19-12-25	2975.	2960.	2945.	2926.	19.
60 26	D-19-13-30	2974.	2960.	2950.	2903.	47.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
60 27	D-19-13-29	2975.	2960.	2940.	2877.	63.
60 28	D-19-13-28	2968.	2950.	2925.	2882.	43.
60 29	D-19-13-27	2963.	2925.	2900.	2881.	19.
60 30	D-19-13-26	2957.	2895.	2890.	2879.	11.
60 31	D-19-13-25	2950.	2900.	2895.	2877.	18.
60 32	D-19-14-30E	2940.	2890.	2885.	2874.	11.
60 33	D-19-14-29E	2928.	2885.	2880.	2877.	3.
61 22	D-19-12-33	3030.	3030.	3030.	2979.	51.
61 23	D-19-12-34	2990.	2990.	2975.	2975.	0.
61 24	D-19-12-35	2975.	2970.	2950.	2968.	-18.
61 25	D-19-12-36	2990.	2970.	2960.	2954.	6.
61 26	D-19-13-31	2995.	2995.	2970.	2935.	35.
61 27	D-19-13-32	2997.	2990.	2980.	2923.	57.
61 28	D-19-13-33	2990.	2975.	2970.	2914.	56.
61 29	D-19-13-34	2985.	2960.	2960.	2905.	55.
61 30	D-19-13-35	2978.	2950.	2950.	2905.	45.
61 31	D-19-13-36	2968.	2940.	2940.	2900.	40.
62 23	D-20-12-03	2995.	2991.	2970.	2995.	-25.
62 24	D-20-12-02	2985.	2978.	2960.	2990.	-30.
62 25	D-20-12-01	2995.	2985.	2970.	2985.	-15.
62 26	D-20-13-06	3015.	3025.	3015.	2975.	40.
62 27	D-20-13-05	3000.	3020.	3020.	2967.	53.
62 28	D-20-13-04	2994.	3015.	3015.	2961.	54.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
62 29	D-20-13-03	2987.	3010.	3000.	2953.	47.
62 30	D-20-13-02	2975.	3000.	2990.	2952.	38.
63 23	D-20-12-10	3000.	2997.	2986.	3016.	-30.
63 24	D-20-12-11	3000.	3000.	2990.	3014.	-24.
63 25	D-20-12-12	3018.	3030.	3010.	3014.	-4.
63 26	D-20-13-07	3035.	3046.	3025.	3014.	11.
63 27	D-20-13-08	3030.	3045.	3040.	3009.	31.
63 28	D-20-13-09	3030.	3048.	3050.	3007.	43.
63 29	D-20-13-10	3010.	3045.	3040.	3009.	31.
63 30	D-20-13-11	3000.	3035.	3040.	3016.	24.
64 23	D-20-12-15	3025.	3025.	3025.	3035.	-10.
64 24	D-20-12-14	3040.	3050.	3025.	3038.	-13.
64 25	D-20-12-13	3045.	3058.	3048.	3041.	7.
64 26	D-20-13-18	3055.	3070.	3050.	3044.	6.
64 27	D-20-13-17	3070.	3070.	3060.	3044.	16.
64 28	D-20-13-16	3065.	3065.	3060.	3046.	14.
64 29	D-20-13-15	3060.	3060.	3060.	3053.	7.
64 30	D-20-13-14	3050.	3055.	3055.	3072.	-17.
65 23	D-20-12-22	3055.	3050.	3065.	3056.	9.
65 24	D-20-12-23	3055.	3060.	3060.	3058.	2.
65 25	D-20-12-24	3060.	3072.	3060.	3064.	-4.
65 26	D-20-13-19	3075.	3080.	3075.	3068.	7.
65 27	D-20-13-20	3084.	3080.	3075.	3073.	2.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
65 28	D-20-13-21	3080.	3080.	3080.	3078.	2.
65 29	D-20-13-22	3075.	3095.	3090.	3088.	2.
65 30	D-20-13-23	3070.	3080.	3095.	3107.	-12.
66 23	D-20-12-27	3075.	3080.	3076.	3079.	-3.
66 24	D-20-12-26	3075.	3090.	3075.	3079.	-4.
66 25	D-20-12-25	3078.	3095.	3080.	3086.	-6.
66 26	D-20-13-30	3088.	3105.	3090.	3091.	-1.
66 27	D-20-13-29	3095.	3106.	3098.	3099.	-1.
66 28	D-20-13-28	3094.	3107.	3100.	3105.	-5.
66 29	D-20-13-27	3092.	3107.	3110.	3116.	-6.
66 30	D-20-13-26	3090.	3110.	3120.	3132.	-12.
67 24	D-20-12-35	3090.	3115.	3100.	3105.	-5.
67 25	D-20-12-36	3100.	3120.	3110.	3106.	4.
67 26	D-20-13-31	3108.	3125.	3120.	3112.	8.
67 27	D-20-13-32	3118.	3130.	3120.	3123.	-3.
67 28	D-20-13-33	3115.	3115.	3130.	3127.	3.
67 29	D-20-13-34	3105.	3120.	3130.	3139.	-9.
67 30	D-20-13-35	3100.	3115.	3140.	3155.	-15.
68 24	D-21-12-02	3115.	3130.	3120.	3127.	-7.
68 25	D-21-12-01	3120.	3130.	3125.	3131.	-6.
68 26	D-21-13-06	3125.	3150.	3140.	3144.	-4.
68 27	D-21-13-05	3146.	3160.	3151.	3151.	0.
68 28	D-21-13-04	3145.	3154.	3150.	3156.	-6.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
68 29	D-21-13-03	3140.	3155.	3150.	3165.	-15.
68 30	D-21-13-02	3140.	3150.	3150.	3176.	-26.
69 25	D-21-12-12	3160.	3173.	3140.	3173.	-33.
69 26	D-21-13-07	3170.	3165.	3150.	3179.	-29.
69 27	D-21-13-08	3170.	3177.	3160.	3177.	-17.
69 28	D-21-13-09	3170.	3178.	3175.	3183.	-8.
69 29	D-21-13-10	3170.	3175.	3175.	3187.	-12.
69 30	D-21-13-11	3170.	3170.	3210.	3193.	17.
70 25	D-21-12-13	3190.	3190.	3180.	3200.	-20.
70 26	D-21-13-18	3190.	3200.	3180.	3200.	-20.
70 27	D-21-13-17	3193.	3200.	3200.	3197.	3.
70 28	D-21-13-16	3190.	3200.	3210.	3202.	8.
70 29	D-21-13-15	3185.	3180.	3215.	3207.	8.
70 30	D-21-13-14	3183.	3200.	3225.	3216.	9.
71 25	D-21-12-24	3213.	3220.	3200.	3216.	-16.
71 26	D-21-13-19	3215.	3225.	3210.	3222.	-12.
71 27	D-21-13-20	3210.	3225.	3225.	3220.	5.
71 28	D-21-13-21	3205.	3225.	3230.	3223.	7.
71 29	D-21-13-22	3200.	3225.	3240.	3227.	13.
71 30	D-21-13-23	3195.	3205.	3250.	3237.	13.
71 31	D-21-13-24	3190.	3200.	3250.	3249.	1.
72 26	D-21-13-30	3220.	3250.	3235.	3249.	-14.
72 27	D-21-13-29	3223.	3250.	3248.	3245.	3.

TABLE 4.

WATER LEVEL ELEVATION DATA

NODE I,J	LOCATION G-TN-RN SEC	MEAS. 1960 WL	BEG. MEAS. 1970 WL	ENDING MEAS. 1980 WL	ENDING CALC. 1980 WL	DIFF. ERROR
72 28	D-21-13-28	3225.	3250.	3250.	3246.	4.
72 29	D-21-13-27	3225.	3240.	3255.	3249.	6.
72 30	D-21-13-26	3220.	3235.	3260.	3253.	7.
72 31	D-21-13-25	3225.	3230.	3260.	3255.	5.
73 26	D-21-13-31	3260.	3260.	3270.	3290.	-20.
73 27	D-21-13-32	3255.	3260.	3275.	3271.	4.
73 28	D-21-13-33	3250.	3260.	3280.	3273.	7.
73 29	D-21-13-34	3235.	3255.	3280.	3277.	3.
73 30	D-21-13-35	3225.	3250.	3285.	3277.	8.

Table 5. Sensitivity Matrix for Small Zone Analysis of Transmissivity

SENSITIVITY COEFFICIENT (Bn) , in feet

SMALL ZONE NUMBER (T increased by 50 %)	B_1	B_2	B_3	B_4	B_5	B_6	B_7	B_8	B_9	B_{10}	B_{11}	B_{12}	B_{13}	B_{14}	B_{15}	B_{16}	B_{17}	B_{18}	B_{19}	B_{20}	B_{21}	B_{22}	B_{23}	B_{24}	B_{25}	B_{26}	B_{27}	B_{28}	B_{29}	B_{30}	B_{31}
1	3.90	.18																													
2	.05	1.70	.04	3.20	.14	.45	.04	.01																							
3			3.50	.02	.53	.05	.01																								
4		2.60	.06	.22	2.00	5.00	1.20	.20	.05																						
5		.01	.63	.13	.10	1.90	1.60	.36	.20		.02																				
6		.39	.04	4.20	.11	.41	5.30	1.40	.30		.02	.01																			
7		.03		.69	1.20	5.30	.89	4.70	.70		.13	.16		.01																	
8					.04	.01	.01	1.80	.30		.10	.18		.01																	
9					.08	.05	.37	.89	.54	.01	.24	.32		.02																	
10						.01	.02	.03	.64	.08	1.40	.09	.06	.03																	
11					.01		.01	.05	.59	.82	.25	1.27	.01	.31	.03	.01	.01														
12					.01		.08	.27	.64	.01	1.35	1.36		.55	.36	.04	.02														
13									.02	.01	.26	.07	7.26	.52	.02	.01	.39														
14									.07		.59	.15	.70	.28	1.25	.46	.45														
15									.01		.02	.21	.01	.68	3.69	1.14	.05	.04													
16											.02	.07	.01	.71	2.88	4.34	.07	.02													
17												.02	.05	.68	.13	.76	4.18														
18														.09	.11	.55	.05	1.27	.62		.15										
19														.09	.09	.55	.05	.75	11.4	1.9	1.84										
20														.09	.06	.56	.05	.40	.71												
21															.06	.56	.05	.09	.73		1.77	.58	.07		.02	.15					
22																					1.8	.99	.31	.15	.65	.33	.02				
23																						.01	3.9	.19	.05						
24																					.01	.03	.73	4.9	1.1	.03					
25																							.06	.45	1.2	.01	.11				
26																					.05	.33	.03	.01	.33	3.0	.43	.24			
27																									.11	.06	.90	.10			
28																									.01	1.1	.91	2.3	1.3	.03	
29																												.45	1.3	.44	
30																												.03	.69	1.1	.34
31																														.82	2.3

Table 6. Sensitivity Matrix for Small Zone Analysis of Specific Yield

SENSITIVITY COEFFICIENT (Bn) , in feet

SMALL ZONE NUMBER (SY increased by 50%)	B_1	B_2	B_3	B_4	B_5	B_6	B_7	B_8	B_9	B_{10}	B_{11}	B_{12}	B_{13}	B_{14}	B_{15}	B_{16}	B_{17}	B_{18}	B_{19}	B_{20}	B_{21}	B_{22}	B_{23}	B_{24}	B_{25}	B_{26}	B_{27}	B_{28}	B_{29}	B_{30}	B_{31}
1	1.1																														
2	.04	8.40	.03	2.30	.10	.32	.03																								
3			.54	.02	.02		.01																								
4		1.20	.09	5.80	.58	1.40	.19	.02																							
5		.03	.07	.46	4.70	.98	.47	.07	.08																						
6		.02		.73	.84	7.10	1.90	.31	.06																						
7		.02		.49	1.40	4.10	8.20	3.80	.93		.10	.06																			
8				.04	.14	.52	2.30	5.80	.53		.09	.17																			
9					.08	.06	.29	.33	2.90		.75	.12	.01	.01																	
10					.01				.03	.03	.03																				
11						.01	.01	.03	.40		1.90	.17	.03	.04																	
12						.01	.06	.38	.38		.99	6.90	.05	.57	.26	.03	.02														
13											.06		7.30	.04			.14														
14												.04		.47	.04																
15											.02	.17	.01	.48	6.33	.90	.03	.03													
16											.01	.03	.01	.49	1.31	5.71	.18	.01		.01											
17											.01	.01	.02	.15	.06	.44	3.55			.14	.01										
18											.01	.01		.09	.02	.45	.05	.08		.14	.01										
19														.09	.06	.56	.05	.01	.94	.05	.01										
20																			.06	1.4	.01										
21																	.03	.09			5.73	.06				.01					
22																			.01		.10	.23	.07	.01	.04	.07	.01				
23																					.01	.07	8.1	.08	.03						
24																						.02	.26	11.3	.56						
25																						.04	.05	.31	5.0	.19	.12				
26																						.01	.13		.09	6.1	.50	.13			
27																						.01			.02	.16	3.2	.02			
28																						.01				.01	.01	.53	.02		
29																												.24	3.1	.13	
30																												.01	.15	5.3	.18
31																															.53