

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Scenario 2B

Oct-1985	4.34	0.36	4.4928	0.37	0.77	0.51	-0.05	0.25	0.00	369.77
Nov-1985	2.4	0.20	1.7472	0.15	0.60	0.01	-1.96	0.19	0.00	369.17
Dec-1985	1.55	0.13	0	0.00	0.51	0.00	-4.65	0.11	0.00	368.65
Jan-1986	1.55	0.13	0.7449	0.06	0.51	0.00	-2.42	0.08	0.00	368.14
Feb-1986	2.52	0.21	3.4983	0.29	0.43	0.23	2.71	2.79	0.00	367.71
Mar-1986	4.03	0.34	3.4359	0.29	0.51	0.21	-2.00	2.21	0.00	367.20
Apr-1986	5.7	0.48	0.2769	0.02	0.60	0.00	-16.27	0.47	0.00	366.60
May-1986	7.75	0.65	0.0117	0.00	0.77	0.00	-23.21	0.08	0.00	365.83
Jun-1986	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.01	0.00	364.89
Jul-1986	9.3	0.78	0.3471	0.03	1.03	0.00	-26.86	0.00	0.00	363.86
Aug-1986	8.37	0.70	0.0585	0.00	1.03	0.00	-24.93	0.00	0.00	362.83
Sep-1986	6.3	0.53	1.3065	0.11	0.86	0.00	-14.98	0.00	0.00	361.98
Oct-1986	4.34	0.36	2.0982	0.17	0.77	0.03	-6.75	0.00	0.00	361.21
Nov-1986	2.4	0.20	0.5655	0.05	0.60	0.00	-5.50	0.00	0.00	360.61
Dec-1986	1.55	0.13	0.7137	0.06	0.51	0.00	-2.51	0.00	0.00	360.09
Jan-1987	1.55	0.13	1.6419	0.14	0.51	0.00	0.27	0.27	0.00	359.58
Feb-1987	2.52	0.21	2.5311	0.21	0.43	0.07	-0.04	0.29	0.00	359.15
Mar-1987	4.03	0.34	2.5545	0.21	0.51	0.07	-4.50	0.17	0.00	358.64
Apr-1987	5.7	0.48	0.195	0.02	0.60	0.00	-16.52	0.04	0.00	358.04
May-1987	7.75	0.65	0.0819	0.01	0.77	0.00	-23.00	0.01	0.00	357.27
Jun-1987	8.7	0.73	0.0117	0.00	0.94	0.00	-26.06	0.00	0.00	356.33
Jul-1987	9.3	0.78	0	0.00	1.03	0.00	-27.90	0.00	0.00	355.30
Aug-1987	8.37	0.70	0.6435	0.05	1.03	0.00	-23.18	0.00	0.00	354.27
Sep-1987	6.3	0.53	0.4758	0.04	0.86	0.00	-17.47	0.00	0.00	353.42
Oct-1987	4.34	0.36	3.1005	0.26	0.77	0.15	-3.87	0.00	0.00	352.65
Nov-1987	2.4	0.20	2.457	0.20	0.60	0.06	0.11	0.11	0.00	352.05
Dec-1987	1.55	0.13	1.8057	0.15	0.51	0.01	0.76	0.87	0.00	351.53
Jan-1988	1.55	0.13	3.4593	0.29	0.51	0.22	5.51	5.66	7.15	358.17
Feb-1988	2.52	0.21	1.9266	0.16	0.43	0.01	-1.80	7.68	0.00	357.75
Mar-1988	4.03	0.34	0.7137	0.06	0.51	0.00	-9.95	3.09	0.00	357.23
Apr-1988	5.7	0.48	2.4609	0.21	0.60	0.06	-9.78	1.42	0.00	356.63
May-1988	7.75	0.65	0.3549	0.03	0.77	0.00	-22.19	0.26	0.00	355.86
Jun-1988	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.04	0.00	354.92
Jul-1988	9.3	0.78	0.0234	0.00	1.03	0.00	-27.83	0.00	0.00	353.89
Aug-1988	8.37	0.70	1.6341	0.14	1.03	0.00	-20.21	0.00	0.00	352.87
Sep-1988	6.3	0.53	0	0.00	0.86	0.00	-18.90	0.00	0.00	352.01
Oct-1988	4.34	0.36	0	0.00	0.77	0.00	-13.02	0.00	0.00	351.24
Nov-1988	2.4	0.20	1.0725	0.09	0.60	0.00	-3.98	0.00	0.00	350.64
Dec-1988	1.55	0.13	2.0982	0.17	0.51	0.03	1.62	1.62	0.00	350.13
Jan-1989	1.55	0.13	1.0452	0.09	0.51	0.00	-1.51	1.34	0.00	349.61
Feb-1989	2.52	0.21	1.1739	0.10	0.43	0.00	-4.04	0.86	0.00	349.19
Mar-1989	4.03	0.34	1.6341	0.14	0.51	0.00	-7.19	0.44	0.00	348.67
Apr-1989	5.7	0.48	0.2067	0.02	0.60	0.00	-16.48	0.12	0.00	348.07
May-1989	7.75	0.65	0.1287	0.01	0.77	0.00	-22.86	0.02	0.00	347.30
Jun-1989	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.00	0.00	346.36

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Jul-1989	9.3	0.78	0	0.00	1.03	0.00	-27.90	0.00	0.00	345.33
Aug-1989	8.37	0.70	0	0.00	1.03	0.00	-25.11	0.00	0.00	344.31
Sep-1989	6.3	0.53	0.1677	0.01	0.86	0.00	-18.40	0.00	0.00	343.45
Oct-1989	4.34	0.36	0.3549	0.03	0.77	0.00	-11.96	0.00	0.00	342.68
Nov-1989	2.4	0.20	0.0312	0.00	0.60	0.00	-7.11	0.00	0.00	342.08
Dec-1989	1.55	0.13	0.2886	0.02	0.51	0.00	-3.78	0.00	0.00	341.57
Jan-1990	1.55	0.13	3.0342	0.25	0.51	0.14	4.31	4.31	0.00	341.05
Feb-1990	2.52	0.21	1.7589	0.15	0.43	0.01	-2.29	3.27	0.00	340.63
Mar-1990	4.03	0.34	0.6903	0.06	0.51	0.00	-10.02	1.20	0.00	340.11
Apr-1990	5.7	0.48	0.9789	0.08	0.60	0.00	-14.16	0.38	0.00	339.51
May-1990	7.75	0.65	0.2262	0.02	0.77	0.00	-22.57	0.07	0.00	338.74
Jun-1990	8.7	0.73	0.2184	0.02	0.94	0.00	-25.44	0.01	0.00	337.80
Jul-1990	9.3	0.78	0.1092	0.01	1.03	0.00	-27.57	0.00	0.00	336.77
Aug-1990	8.37	0.70	0.1794	0.01	1.03	0.00	-24.57	0.00	0.00	335.75
Sep-1990	6.3	0.53	0.6162	0.05	0.86	0.00	-17.05	0.00	0.00	334.89
Oct-1990	4.34	0.36	0.039	0.00	0.77	0.00	-12.90	0.00	0.00	334.12
Nov-1990	2.4	0.20	0.5538	0.05	0.60	0.00	-5.54	0.00	0.00	333.52
Dec-1990	1.55	0.13	1.287	0.11	0.51	0.00	-0.79	0.00	0.00	333.01
Jan-1991	1.55	0.13	1.3377	0.11	0.51	0.00	-0.64	0.00	0.00	332.49
Feb-1991	2.52	0.21	2.2113	0.18	0.43	0.04	-0.96	0.00	0.00	332.07
Mar-1991	4.03	0.34	12.0627	1.01	0.51	5.99	18.11	10.25	85.95	386.92
Apr-1991	5.7	0.48	0.0507	0.00	0.60	0.00	-16.95	10.25	0.00	386.32
May-1991	7.75	0.65	0	0.00	0.77	0.00	-23.25	1.50	0.00	385.55
Jun-1991	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.20	0.00	384.61
Jul-1991	9.3	0.78	0.6123	0.05	1.03	0.00	-26.06	0.03	0.00	383.58
Aug-1991	8.37	0.70	0	0.00	1.03	0.00	-25.11	0.00	0.00	382.55
Sep-1991	6.3	0.53	0.351	0.03	0.86	0.00	-17.85	0.00	0.00	381.70
Oct-1991	4.34	0.36	0.5772	0.05	0.77	0.00	-11.29	0.00	0.00	380.93
Nov-1991	2.4	0.20	0.2964	0.02	0.60	0.00	-6.31	0.00	0.00	380.33
Dec-1991	1.55	0.13	2.8002	0.23	0.51	0.11	3.64	3.64	0.00	379.82
Jan-1992	1.55	0.13	2.6832	0.22	0.51	0.09	3.31	6.07	8.75	386.92
Feb-1992	2.52	0.21	5.0037	0.42	0.43	0.71	6.74	10.09	27.64	386.92
Mar-1992	4.03	0.34	4.8867	0.41	0.51	0.66	1.91	10.25	19.76	386.92
Apr-1992	5.7	0.48	0.6747	0.06	0.60	0.00	-15.08	10.25	0.00	386.32
May-1992	7.75	0.65	0.2262	0.02	0.77	0.00	-22.57	1.58	0.00	385.55
Jun-1992	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.22	0.00	384.61
Jul-1992	9.3	0.78	0.7449	0.06	1.03	0.00	-25.67	0.03	0.00	383.58
Aug-1992	8.37	0.70	2.028	0.17	1.03	0.02	-19.05	0.01	0.00	382.55
Sep-1992	6.3	0.53	0	0.00	0.86	0.00	-18.90	0.00	0.00	381.70
Oct-1992	4.34	0.36	0.2379	0.02	0.86	0.00	-12.31	0.00	0.00	380.84
Nov-1992	2.4	0.20	0.0585	0.00	0.60	0.00	-7.02	0.00	0.00	380.24
Dec-1992	1.55	0.13	3.9975	0.33	0.51	0.35	7.00	6.06	9.31	386.92
Jan-1993	1.55	0.13	18.4392	1.54	0.51	12.87	37.79	10.25	410.23	386.92
Feb-1993	2.52	0.21	6.4506	0.54	0.43	1.46	10.34	10.25	127.88	386.92
Mar-1993	4.03	0.34	1.5132	0.13	0.51	0.00	-7.55	10.25	0.00	386.41

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Apr-1993	5.7	0.48	0	0.00	0.60	0.00	-17.10	2.41	0.00	385.81
May-1993	7.75	0.65	0.117	0.01	0.77	0.00	-22.90	0.42	0.00	385.04
Jun-1993	8.7	0.73	0.1599	0.01	0.94	0.00	-25.62	0.06	0.00	384.10
Jul-1993	9.3	0.78	0	0.00	1.03	0.00	-27.90	0.01	0.00	383.07
Aug-1993	8.37	0.70	0	0.00	1.03	0.00	-25.11	0.00	0.00	382.04
Sep-1993	6.3	0.53	0	0.00	0.86	0.00	-18.90	0.00	0.00	381.18
Oct-1993	4.34	0.36	0.2964	0.02	0.77	0.00	-12.13	0.00	0.00	380.41
Nov-1993	2.4	0.20	1.4781	0.12	0.60	0.00	-2.77	0.00	0.00	379.82
Dec-1993	1.55	0.13	1.1505	0.10	0.51	0.00	-1.20	0.00	0.00	379.30
Jan-1994	1.55	0.13	1.6848	0.14	0.51	0.00	0.40	0.40	0.00	378.79
Feb-1994	2.52	0.21	4.1067	0.34	0.43	0.38	4.38	4.57	2.09	380.45
Mar-1994	4.03	0.34	3.1122	0.26	0.51	0.16	-2.91	3.95	0.00	379.93
Apr-1994	5.7	0.48	1.3377	0.11	0.60	0.00	-13.09	0.99	0.00	379.33
May-1994	7.75	0.65	0	0.00	0.77	0.00	-23.25	0.16	0.00	378.56
Jun-1994	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.02	0.00	377.62
Jul-1994	9.3	0.78	0	0.00	1.03	0.00	-27.90	0.00	0.00	376.59
Aug-1994	8.37	0.70	1.2051	0.10	1.03	0.00	-21.49	0.00	0.00	375.57
Sep-1994	6.3	0.53	0	0.00	0.86	0.00	-18.90	0.00	0.00	374.71
Oct-1994	4.34	0.36	0.1911	0.02	0.77	0.00	-12.45	0.00	0.00	373.94
Nov-1994	2.4	0.20	0.6786	0.06	0.60	0.00	-5.16	0.00	0.00	373.34
Dec-1994	1.55	0.13	0.9633	0.08	0.51	0.00	-1.76	0.00	0.00	372.83
Jan-1995	1.55	0.13	10.0269	0.84	0.51	4.12	21.31	10.25	127.57	386.92
Feb-1995	2.52	0.21	3.2487	0.27	0.43	0.18	2.01	10.25	24.75	386.92
Mar-1995	4.03	0.34	6.5637	0.55	0.51	1.52	6.08	10.25	73.96	386.92
Apr-1995	5.7	0.48	1.248	0.10	0.60	0.00	-13.36	10.25	0.00	386.32
May-1995	7.75	0.65	1.092	0.09	0.77	0.00	-19.97	1.93	0.00	385.55
Jun-1995	8.7	0.73	0.4758	0.04	0.94	0.00	-24.67	0.29	0.00	384.61
Jul-1995	9.3	0.78	0.0585	0.00	1.03	0.00	-27.72	0.04	0.00	383.58
Aug-1995	8.37	0.70	0.6357	0.05	1.03	0.00	-23.20	0.01	0.00	382.55
Sep-1995	6.3	0.53	0.2808	0.02	0.86	0.00	-18.06	0.00	0.00	381.70
Oct-1995	4.34	0.36	0	0.00	0.77	0.00	-13.02	0.00	0.00	380.93
Nov-1995	2.4	0.20	0.078	0.01	0.60	0.00	-6.97	0.00	0.00	380.33
Dec-1995	1.55	0.13	0.5655	0.05	0.51	0.00	-2.95	0.00	0.00	379.82
Jan-1996	1.55	0.13	1.5249	0.13	0.51	0.00	-0.08	0.00	0.00	379.30
Feb-1996	2.52	0.21	3.1746	0.26	0.43	0.17	1.80	1.80	0.00	378.87
Mar-1996	4.03	0.34	2.73	0.23	0.51	0.10	-4.00	1.12	0.00	378.36
Apr-1996	5.7	0.48	0.5265	0.04	0.60	0.00	-15.52	0.27	0.00	377.76
May-1996	7.75	0.65	0.0702	0.01	0.77	0.00	-23.04	0.05	0.00	376.99
Jun-1996	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.01	0.00	376.05
Jul-1996	9.3	0.78	0	0.00	1.03	0.00	-27.90	0.00	0.00	375.02
Aug-1996	8.37	0.70	0.0702	0.01	1.03	0.00	-24.90	0.00	0.00	373.99
Sep-1996	6.3	0.53	0.0312	0.00	0.86	0.00	-18.81	0.00	0.00	373.14
Oct-1996	4.34	0.36	1.5405	0.13	0.77	0.00	-8.40	0.00	0.00	372.37
Nov-1996	2.4	0.20	0.9126	0.08	0.60	0.00	-4.46	0.00	0.00	371.77
Dec-1996	1.55	0.13	1.9656	0.16	0.51	0.02	1.23	1.23	0.00	371.26

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Jan-1997	1.55	0.13	4.2939	0.36	0.51	0.44	7.79	7.38	16.26	386.92
Feb-1997	2.52	0.21	1.5132	0.13	0.43	0.00	-3.02	6.17	0.00	386.49
Mar-1997	4.03	0.34	0.0195	0.00	0.51	0.00	-12.03	1.98	0.00	385.98
Apr-1997	5.7	0.48	0.2184	0.02	0.60	0.00	-16.44	0.54	0.00	385.38
May-1997	7.75	0.65	0	0.00	0.77	0.00	-23.25	0.09	0.00	384.61
Jun-1997	8.7	0.73	0.0702	0.01	0.94	0.00	-25.89	0.01	0.00	383.67
Jul-1997	9.3	0.78	1.9149	0.16	1.03	0.01	-22.17	0.00	0.00	382.64
Aug-1997	8.37	0.70	0.1599	0.01	1.03	0.00	-24.63	0.00	0.00	381.61
Sep-1997	6.3	0.53	1.7433	0.15	0.86	0.01	-13.68	0.00	0.00	380.76
Oct-1997	4.34	0.36	4.1691	0.35	0.77	0.40	-0.91	0.00	0.00	379.99
Nov-1997	2.4	0.20	0	0.00	0.60	0.00	-7.20	0.00	0.00	379.39
Dec-1997	1.55	0.13	0	0.00	0.51	0.00	-4.65	0.00	0.00	378.87
Jan-1998	1.55	0.13	1.5912	0.13	0.51	0.00	0.12	0.12	0.00	378.36
Feb-1998	2.52	0.21	10.2726	0.86	0.43	4.33	18.93	10.25	98.78	386.92
Mar-1998	4.03	0.34	4.3563	0.36	0.51	0.46	0.52	10.25	6.65	386.92
Apr-1998	5.7	0.48	2.1723	0.18	0.60	0.03	-10.62	7.84	0.00	386.32
May-1998	7.75	0.65	1.1583	0.10	0.77	0.00	-19.78	1.45	0.00	385.55
Jun-1998	8.7	0.73	0.0234	0.00	0.94	0.00	-26.03	0.20	0.00	384.61
Jul-1998	9.3	0.78	0.1014	0.01	1.03	0.00	-27.60	0.03	0.00	383.58
Aug-1998	8.37	0.70	0.1989	0.02	1.03	0.00	-24.51	0.00	0.00	382.55
Sep-1998	6.3	0.53	0.1989	0.02	0.86	0.00	-18.30	0.00	0.00	381.70
Oct-1998	4.34	0.36	0.0351	0.00	0.77	0.00	-12.91	0.00	0.00	380.93
Nov-1998	2.4	0.20	1.1583	0.10	0.60	0.00	-3.73	0.00	0.00	380.33
Dec-1998	1.55	0.13	1.4079	0.12	0.51	0.00	-0.43	0.00	0.00	379.82
Jan-1999	1.55	0.13	1.6458	0.14	0.51	0.00	0.28	0.29	0.00	379.30
Feb-1999	2.52	0.21	0.8229	0.07	0.43	0.00	-5.09	0.16	0.00	378.87
Mar-1999	4.03	0.34	0.6201	0.05	0.51	0.00	-10.23	0.06	0.00	378.36
Apr-1999	5.7	0.48	3.2799	0.27	0.60	0.18	-7.45	0.03	0.00	377.76
May-1999	7.75	0.65	0	0.00	0.77	0.00	-23.25	0.01	0.00	376.99
Jun-1999	8.7	0.73	0.4563	0.04	0.94	0.00	-24.73	0.00	0.00	376.05
Jul-1999	9.3	0.78	0.3588	0.03	1.03	0.00	-26.82	0.00	0.00	375.02
Aug-1999	8.37	0.70	0	0.00	1.03	0.00	-25.11	0.00	0.00	373.99
Sep-1999	6.3	0.53	0.1365	0.01	0.86	0.00	-18.49	0.00	0.00	373.14
Oct-1999	4.34	0.36	0	0.00	0.77	0.00	-13.02	0.00	0.00	372.37
Nov-1999	2.4	0.20	0	0.00	0.60	0.00	-7.20	0.00	0.00	371.77
Dec-1999	1.55	0.13	0.2067	0.02	0.51	0.00	-4.03	0.00	0.00	371.26
Jan-2000	1.55	0.13	0.741	0.06	0.51	0.00	-2.43	0.00	0.00	370.74
Feb-2000	2.52	0.21	4.1652	0.35	0.43	0.40	4.54	4.41	1.31	371.62
Mar-2000	4.03	0.34	1.4586	0.12	0.51	0.00	-7.71	3.12	0.00	371.11
Apr-2000	5.7	0.48	0.4563	0.04	0.60	0.00	-15.73	0.54	0.00	370.51
May-2000	7.75	0.65	0	0.00	0.77	0.00	-23.25	0.08	0.00	369.74
Jun-2000	8.7	0.73	0.2067	0.02	0.94	0.00	-25.48	0.01	0.00	368.80
Jul-2000	9.3	0.78	0	0.00	1.03	0.00	-27.90	0.00	0.00	367.77
Aug-2000	8.37	0.70	0.1287	0.01	1.03	0.00	-24.72	0.00	0.00	366.74
Sep-2000	6.3	0.53	0.2964	0.02	0.86	0.00	-18.01	0.00	0.00	365.89

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Oct-2000	4.34	0.36	0.6396	0.05	0.77	0.00	-11.10	0.00	0.00	365.12
Nov-2000	2.4	0.20	0.3861	0.03	0.60	0.00	-6.04	0.00	0.00	364.52
Dec-2000	1.55	0.13	0.039	0.00	0.51	0.00	-4.53	0.00	0.00	364.01
Jan-2001	1.55	0.13	2.8977	0.24	0.51	0.12	3.92	3.92	0.00	363.49
Feb-2001	2.52	0.21	4.0833	0.34	0.43	0.37	4.32	6.84	13.88	376.94
Mar-2001	4.03	0.34	1.7472	0.15	0.51	0.01	-6.85	7.50	0.00	376.43
Apr-2001	5.7	0.48	1.443	0.12	0.60	0.00	-12.77	2.33	0.00	375.83
May-2001	7.75	0.65	0.0312	0.00	0.77	0.00	-23.16	0.38	0.00	375.06
Jun-2001	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.05	0.00	374.12
Jul-2001	9.3	0.78	0.1209	0.01	1.03	0.00	-27.54	0.01	0.00	373.09
Aug-2001	8.37	0.70	0	0.00	1.03	0.00	-25.11	0.00	0.00	372.06
Sep-2001	6.3	0.53	0.2379	0.02	0.86	0.00	-18.19	0.00	0.00	371.21
Oct-2001	4.34	0.36	0	0.00	0.77	0.00	-13.02	0.00	0.00	370.44
Nov-2001	2.4	0.20	1.0998	0.09	0.60	0.00	-3.90	0.00	0.00	369.84
Dec-2001	1.55	0.13	1.0101	0.08	0.51	0.00	-1.62	0.00	0.00	369.33
Jan-2002	1.55	0.13	0.3978	0.03	0.51	0.00	-3.46	0.00	0.00	368.81
Feb-2002	2.52	0.21	0.1209	0.01	0.43	0.00	-7.20	0.00	0.00	368.38
Mar-2002	4.03	0.34	1.1115	0.09	0.51	0.00	-8.76	0.00	0.00	367.87
Apr-2002	5.7	0.48	0.3861	0.03	0.60	0.00	-15.94	0.00	0.00	367.27
May-2002	7.75	0.65	0	0.00	0.77	0.00	-23.25	0.00	0.00	366.50
Jun-2002	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.00	0.00	365.56
Jul-2002	9.3	0.78	0.1872	0.02	1.03	0.00	-27.34	0.00	0.00	364.53
Aug-2002	8.37	0.70	0	0.00	1.03	0.00	-25.11	0.00	0.00	363.50
Sep-2002	6.3	0.53	1.1544	0.10	0.86	0.00	-15.44	0.00	0.00	362.65
Oct-2002	4.34	0.36	0.0117	0.00	0.77	0.00	-12.98	0.00	0.00	361.88
Nov-2002	2.4	0.20	1.0257	0.09	0.60	0.00	-4.12	0.00	0.00	361.28
Dec-2002	1.55	0.13	1.8408	0.15	0.51	0.01	0.86	0.86	0.00	360.77
Jan-2003	1.55	0.13	0.1794	0.01	0.51	0.00	-4.11	0.53	0.00	360.25
Feb-2003	2.52	0.21	4.0482	0.34	0.43	0.36	4.22	4.62	1.35	361.17
Mar-2003	4.03	0.34	2.1723	0.18	0.51	0.03	-5.61	3.54	0.00	360.66
Apr-2003	5.7	0.48	1.5444	0.13	0.60	0.00	-12.47	0.88	0.00	360.06
May-2003	7.75	0.65	0.9009	0.08	0.77	0.00	-20.55	0.17	0.00	359.29
Jun-2003	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.02	0.00	358.34
Jul-2003	9.3	0.78	1.911	0.16	1.03	0.01	-22.18	0.00	0.00	357.32
Aug-2003	8.37	0.70	1.4742	0.12	1.03	0.00	-20.69	0.00	0.00	356.29
Sep-2003	6.3	0.53	0.3744	0.03	0.86	0.00	-17.78	0.00	0.00	355.43
Oct-2003	4.34	0.36	0	0.00	0.77	0.00	-13.02	0.00	0.00	354.66
Nov-2003	2.4	0.20	0.5499	0.05	0.60	0.00	-5.55	0.00	0.00	354.06
Dec-2003	1.55	0.13	1.2519	0.10	0.51	0.00	-0.89	0.00	0.00	353.55
Jan-2004	1.55	0.13	0.6747	0.06	0.51	0.00	-2.63	0.00	0.00	353.04
Feb-2004	2.52	0.21	4.4109	0.37	0.43	0.48	5.20	4.83	3.64	356.25
Mar-2004	4.03	0.34	0.6552	0.05	0.51	0.00	-10.12	3.04	0.00	355.73
Apr-2004	5.7	0.48	1.3182	0.11	0.60	0.00	-13.15	0.65	0.00	355.14
May-2004	7.75	0.65	0	0.00	0.77	0.00	-23.25	0.10	0.00	354.36
Jun-2004	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.01	0.00	353.42

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Jul-2004	9.3	0.78	0.1404	0.01	1.03	0.00	-27.48	0.00	0.00	352.40
Aug-2004	8.37	0.70	0.0117	0.00	1.03	0.00	-25.07	0.00	0.00	351.37
Sep-2004	6.3	0.53	0	0.00	0.86	0.00	-18.90	0.00	0.00	350.51
Oct-2004	4.34	0.36	8.5059	0.71	0.77	2.87	9.63	7.53	20.83	370.58
Nov-2004	2.4	0.20	1.0725	0.09	0.60	0.00	-3.98	5.96	0.00	369.98
Dec-2004	1.55	0.13	4.6956	0.39	0.51	0.58	8.85	10.25	48.77	386.92
Jan-2005	1.55	0.13	5.1207	0.43	0.51	0.76	9.95	10.25	123.93	386.92
Feb-2005	2.52	0.21	4.8477	0.40	0.43	0.64	6.34	10.25	78.45	386.92
Mar-2005	4.03	0.34	1.5834	0.13	0.51	0.00	-7.34	10.25	0.00	386.41
Apr-2005	5.7	0.48	0.5811	0.05	0.60	0.00	-15.36	2.77	0.00	385.81
May-2005	7.75	0.65	0.039	0.00	0.77	0.00	-23.13	0.47	0.00	385.04
Jun-2005	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.06	0.00	384.10
Jul-2005	9.3	0.78	0.4641	0.04	1.03	0.00	-26.51	0.01	0.00	383.07
Aug-2005	8.37	0.70	2.5077	0.21	1.03	0.07	-17.65	0.00	0.00	382.04
Sep-2005	6.3	0.53	0.0117	0.00	0.86	0.00	-18.86	0.00	0.00	381.18
Oct-2005	4.34	0.36	0.6123	0.05	0.77	0.00	-11.18	0.00	0.00	380.41
Nov-2005	2.4	0.20	0.1092	0.01	0.60	0.00	-6.87	0.00	0.00	379.82
Dec-2005	1.55	0.13	0	0.00	0.51	0.00	-4.65	0.00	0.00	379.30
Jan-2006	1.55	0.13	0.975	0.08	0.51	0.00	-1.73	0.00	0.00	378.79
Feb-2006	2.52	0.21	1.287	0.11	0.43	0.00	-3.70	0.00	0.00	378.36
Mar-2006	4.03	0.34	3.3384	0.28	0.51	0.20	-2.27	0.00	0.00	377.85
Apr-2006	5.7	0.48	2.2308	0.19	0.60	0.04	-10.45	0.00	0.00	377.25
May-2006	7.75	0.65	0.2184	0.02	0.77	0.00	-22.59	0.00	0.00	376.48
Jun-2006	8.7	0.73	0.156	0.01	0.94	0.00	-25.63	0.00	0.00	375.54
Jul-2006	9.3	0.78	0.5187	0.04	1.03	0.00	-26.34	0.00	0.00	374.51
Aug-2006	8.37	0.70	0.0312	0.00	1.03	0.00	-25.02	0.00	0.00	373.48
Sep-2006	6.3	0.53	0.0702	0.01	0.86	0.00	-18.69	0.00	0.00	372.62
Oct-2006	4.34	0.36	0.3588	0.03	0.77	0.00	-11.94	0.00	0.00	371.85
Nov-2006	2.4	0.20	0.1677	0.01	0.60	0.00	-6.70	0.00	0.00	371.26
Dec-2006	1.55	0.13	1.1817	0.10	0.51	0.00	-1.10	0.00	0.00	370.74
Jan-2007	1.55	0.13	0.741	0.06	0.51	0.00	-2.43	0.00	0.00	370.23
Feb-2007	2.52	0.21	3.0537	0.25	0.43	0.15	1.46	1.46	0.00	369.80
Mar-2007	4.03	0.34	0.2184	0.02	0.51	0.00	-11.43	0.43	0.00	369.29
Apr-2007	5.7	0.48	0.7605	0.06	0.60	0.00	-14.82	0.13	0.00	368.69
May-2007	7.75	0.65	0.039	0.00	0.77	0.00	-23.13	0.02	0.00	367.92
Jun-2007	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.00	0.00	366.98
Jul-2007	9.3	0.78	0.1794	0.01	1.03	0.00	-27.36	0.00	0.00	365.95
Aug-2007	8.37	0.70	0.1287	0.01	1.03	0.00	-24.72	0.00	0.00	364.92
Sep-2007	6.3	0.53	0.0117	0.00	0.86	0.00	-18.86	0.00	0.00	364.06
Oct-2007	4.34	0.36	0.1677	0.01	0.77	0.00	-12.52	0.00	0.00	363.29
Nov-2007	2.4	0.20	0.3198	0.03	0.60	0.00	-6.24	0.00	0.00	362.70
Dec-2007	1.55	0.13	2.6559	0.22	0.51	0.09	3.23	3.23	0.00	362.18
Jan-2008	1.55	0.13	7.2228	0.60	0.51	1.94	15.07	10.25	90.91	386.92
Feb-2008	2.52	0.21	2.8548	0.24	0.43	0.11	0.89	10.25	10.85	386.92
Mar-2008	4.03	0.34	0.507	0.04	0.51	0.00	-10.57	10.25	0.00	386.41

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Apr-2008	5.7	0.48	0	0.00	0.60	0.00	-17.10	2.41	0.00	385.81
May-2008	7.75	0.65	0.2574	0.02	0.77	0.00	-22.48	0.43	0.00	385.04
Jun-2008	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.06	0.00	384.10
Jul-2008	9.3	0.78	0	0.00	1.03	0.00	-27.90	0.01	0.00	383.07
Aug-2008	8.37	0.70	1.3377	0.11	1.03	0.00	-21.10	0.00	0.00	382.04
Sep-2008	6.3	0.53	0	0.00	0.86	0.00	-18.90	0.00	0.00	381.18
Oct-2008	4.34	0.36	0	0.00	0.77	0.00	-13.02	0.00	0.00	380.41
Nov-2008	2.4	0.20	1.7862	0.15	0.60	0.01	-1.85	0.00	0.00	379.82
Dec-2008	1.55	0.13	6.1464	0.51	0.51	1.28	12.51	9.59	28.92	386.92
Jan-2009	1.55	0.13	0.1989	0.02	0.51	0.00	-4.05	7.45	0.00	386.41
Feb-2009	2.52	0.21	3.6621	0.31	0.43	0.26	3.17	9.47	11.31	386.92
Mar-2009	4.03	0.34	0.0897	0.01	0.51	0.00	-11.82	4.75	0.00	386.41
Apr-2009	5.7	0.48	0.2379	0.02	0.60	0.00	-16.39	0.97	0.00	385.81
May-2009	7.75	0.65	0	0.00	0.77	0.00	-23.25	0.16	0.00	385.04
Jun-2009	8.7	0.73	0.0312	0.00	0.94	0.00	-26.01	0.02	0.00	384.10
Jul-2009	9.3	0.78	0	0.00	1.03	0.00	-27.90	0.00	0.00	383.07
Aug-2009	8.37	0.70	0	0.00	1.03	0.00	-25.11	0.00	0.00	382.04
Sep-2009	6.3	0.53	0.0312	0.00	0.86	0.00	-18.81	0.00	0.00	381.18
Oct-2009	4.34	0.36	0.0312	0.00	0.77	0.00	-12.93	0.00	0.00	380.41
Nov-2009	2.4	0.20	0.6942	0.06	0.60	0.00	-5.12	0.00	0.00	379.82
Dec-2009	1.55	0.13	4.8204	0.40	0.51	0.63	9.18	7.46	17.07	386.92
Jan-2010	1.55	0.13	6.5403	0.55	0.51	1.51	13.46	10.25	127.70	386.92
Feb-2010	2.52	0.21	5.0817	0.42	0.43	0.74	6.94	10.25	85.90	386.92
Mar-2010	4.03	0.34	1.3572	0.11	0.51	0.00	-8.02	10.25	0.00	386.41
Apr-2010	5.7	0.48	2.3361	0.19	0.60	0.05	-10.14	4.19	0.00	385.81
May-2010	7.75	0.65	0	0.00	0.77	0.00	-23.25	0.69	0.00	385.04
Jun-2010	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.09	0.00	384.10
Jul-2010	9.3	0.78	0.0702	0.01	1.03	0.00	-27.69	0.01	0.00	383.07
Aug-2010	8.37	0.70	0	0.00	1.03	0.00	-25.11	0.00	0.00	382.04
Sep-2010	6.3	0.53	0.078	0.01	0.86	0.00	-18.67	0.00	0.00	381.18
Oct-2010	4.34	0.36	3.198	0.27	0.77	0.17	-3.60	0.00	0.00	380.41
Nov-2010	2.4	0.20	1.1778	0.10	0.60	0.00	-3.67	0.00	0.00	379.82
Dec-2010	1.55	0.13	8.1471	0.68	0.51	2.60	17.19	10.25	76.57	386.92
Jan-2011	1.55	0.13	0.2379	0.02	0.51	0.00	-3.94	10.25	0.00	386.41
Feb-2011	2.52	0.21	4.8867	0.41	0.43	0.66	6.44	10.25	79.69	386.92
Mar-2011	4.03	0.34	1.6302	0.14	0.51	0.00	-7.20	10.25	0.00	386.41
Apr-2011	5.7	0.48	0.3861	0.03	0.60	0.00	-15.94	2.64	0.00	385.81
May-2011	7.75	0.65	0.7137	0.06	0.77	0.00	-21.11	0.52	0.00	385.04
Jun-2011	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.07	0.00	384.10
Jul-2011	9.3	0.78	0.2184	0.02	1.03	0.00	-27.24	0.01	0.00	383.07
Aug-2011	8.37	0.70	1.2675	0.11	1.03	0.00	-21.31	0.00	0.00	382.04
Sep-2011	6.3	0.53	0.2184	0.02	0.86	0.00	-18.24	0.00	0.00	381.18
Oct-2011	4.34	0.36	0.6357	0.05	0.77	0.00	-11.11	0.00	0.00	380.41
Nov-2011	2.4	0.20	3.3618	0.28	0.60	0.20	2.69	2.69	0.00	379.82
Dec-2011	1.55	0.13	1.6068	0.13	0.51	0.00	0.17	2.85	0.00	379.30

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Jan-2012	1.55	0.13	0.7254	0.06	0.51	0.00	-2.47	3.02	0.00	378.79
Feb-2012	2.52	0.21	1.9968	0.17	0.43	0.02	-1.59	2.41	0.00	378.36
Mar-2012	4.03	0.34	2.8587	0.24	0.51	0.11	-3.63	1.50	0.00	377.85
Apr-2012	5.7	0.48	2.8275	0.24	0.60	0.11	-8.73	0.60	0.00	377.25
May-2012	7.75	0.65	0	0.00	0.77	0.00	-23.25	0.09	0.00	376.48
Jun-2012	8.7	0.73	0	0.00	0.94	0.00	-26.10	0.01	0.00	375.54

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Scenario 3

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0	0.00	3.25	0.00	-27.90	10.25	0.00	383.67
Aug-1982	8.37	0.70	0.68	0.06	3.25	0.00	-23.07	1.52	0.00	380.43
Sep-1982	6.3	0.53	0.32	0.03	2.66	0.00	-17.94	0.39	0.00	377.77
Oct-1982	4.34	0.36	0	0.00	2.56	0.00	-13.02	0.14	0.00	375.21
Nov-1982	2.4	0.20	0.71	0.06	2.37	0.00	-5.07	0.10	0.00	372.84
Dec-1982	1.55	0.13	0	0.00	2.17	0.00	-4.65	0.07	0.00	370.67
Jan-1983	1.55	0.13	1.92	0.16	0.57	0.01	1.10	1.16	0.00	370.09
Feb-1983	2.52	0.21	3.35	0.28	0.48	0.20	2.29	3.46	0.00	369.61
Mar-1983	4.03	0.34	8.32	0.69	1.07	2.73	10.14	9.63	40.29	386.92
Apr-1983	5.7	0.48	1.36	0.11	2.47	0.00	-13.02	7.31	0.00	384.45
May-1983	7.75	0.65	0.12	0.01	1.96	0.00	-22.89	1.05	0.00	382.49
Jun-1983	8.7	0.73	0	0.00	2.45	0.00	-26.10	0.15	0.00	380.04
Jul-1983	9.3	0.78	0	0.00	2.55	0.00	-27.90	0.02	0.00	377.49
Aug-1983	8.37	0.70	1.18	0.10	1.15	0.00	-21.57	0.00	0.00	376.34
Sep-1983	6.3	0.53	0.95	0.08	0.96	0.00	-16.05	0.00	0.00	375.39
Oct-1983	4.34	0.36	1.06	0.09	0.86	0.00	-9.84	0.00	0.00	374.53
Nov-1983	2.4	0.20	1.42	0.12	0.67	0.00	-2.94	0.00	0.00	373.86
Dec-1983	1.55	0.13	0	0.00	0.57	0.00	-4.65	0.00	0.00	373.29
Jan-1984	1.55	0.13	0.24	0.02	0.57	0.00	-3.93	0.00	0.00	372.71
Feb-1984	2.52	0.21	0	0.00	0.48	0.00	-7.56	0.00	0.00	372.23
Mar-1984	4.03	0.34	0.04	0.00	0.57	0.00	-11.97	0.00	0.00	371.66
Apr-1984	5.7	0.48	0.12	0.01	0.67	0.00	-16.74	0.00	0.00	370.99
May-1984	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.00	0.00	370.13
Jun-1984	8.7	0.73	0.12	0.01	1.05	0.00	-25.74	0.00	0.00	369.08
Jul-1984	9.3	0.78	2.8	0.23	1.15	0.11	-19.61	0.00	0.00	367.93
Aug-1984	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	366.78
Sep-1984	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	365.83
Oct-1984	4.34	0.36	0.04	0.00	0.86	0.00	-12.90	0.00	0.00	364.97
Nov-1984	2.4	0.20	0.83	0.07	0.67	0.00	-4.71	0.00	0.00	364.30
Dec-1984	1.55	0.13	3.62	0.30	0.57	0.25	5.96	5.39	5.64	369.37
Jan-1985	1.55	0.13	0.98	0.08	0.57	0.00	-1.71	4.91	0.00	368.79
Feb-1985	2.52	0.21	0	0.00	0.48	0.00	-7.56	2.20	0.00	368.32
Mar-1985	4.03	0.34	0	0.00	0.57	0.00	-12.09	0.79	0.00	367.74
Apr-1985	5.7	0.48	0	0.00	0.67	0.00	-17.10	0.21	0.00	367.07
May-1985	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.04	0.00	366.21
Jun-1985	8.7	0.73	0.04	0.00	1.05	0.00	-25.98	0.01	0.00	365.16
Jul-1985	9.3	0.78	1.1	0.09	1.15	0.00	-24.60	0.00	0.00	364.01
Aug-1985	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	362.87
Sep-1985	6.3	0.53	0.51	0.04	0.96	0.00	-17.37	0.00	0.00	361.91

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Oct-1985	4.34	0.36	0.47	0.04	0.86	0.00	-11.61	0.00	0.00	361.05
Nov-1985	2.4	0.20	3.51	0.29	0.67	0.23	3.10	3.10	0.00	360.38
Dec-1985	1.55	0.13	0.39	0.03	0.57	0.00	-3.48	2.04	0.00	359.81
Jan-1986	1.55	0.13	0.51	0.04	0.57	0.00	-3.12	1.46	0.00	359.23
Feb-1986	2.52	0.21	2.25	0.19	0.48	0.04	-0.85	1.34	0.00	358.76
Mar-1986	4.03	0.34	2.21	0.18	0.57	0.04	-5.50	0.81	0.00	358.18
Apr-1986	5.7	0.48	0.04	0.00	0.67	0.00	-16.98	0.21	0.00	357.51
May-1986	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.04	0.00	356.65
Jun-1986	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.00	0.00	355.60
Jul-1986	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	354.45
Aug-1986	8.37	0.70	0.16	0.01	1.15	0.00	-24.63	0.00	0.00	353.31
Sep-1986	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	352.35
Oct-1986	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	351.49
Nov-1986	2.4	0.20	0.67	0.06	0.67	0.00	-5.19	0.00	0.00	350.82
Dec-1986	1.55	0.13	0.43	0.04	0.57	0.00	-3.36	0.00	0.00	350.25
Jan-1987	1.55	0.13	1.5	0.13	0.57	0.00	-0.15	0.00	0.00	349.67
Feb-1987	2.52	0.21	0.63	0.05	0.48	0.00	-5.67	0.00	0.00	349.20
Mar-1987	4.03	0.34	0	0.00	0.57	0.00	-12.09	0.00	0.00	348.62
Apr-1987	5.7	0.48	0.16	0.01	0.67	0.00	-16.62	0.00	0.00	347.95
May-1987	7.75	0.65	0.12	0.01	0.86	0.00	-22.89	0.00	0.00	347.09
Jun-1987	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.00	0.00	346.04
Jul-1987	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	344.89
Aug-1987	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	343.75
Sep-1987	6.3	0.53	0.39	0.03	0.96	0.00	-17.73	0.00	0.00	342.79
Oct-1987	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	341.93
Nov-1987	2.4	0.20	0.91	0.08	0.67	0.00	-4.47	0.00	0.00	341.26
Dec-1987	1.55	0.13	1.69	0.14	0.57	0.00	0.42	0.42	0.00	340.69
Jan-1988	1.55	0.13	2.6	0.22	0.57	0.08	3.07	3.49	0.00	340.11
Feb-1988	2.52	0.21	2.09	0.17	0.48	0.03	-1.32	2.97	0.00	339.64
Mar-1988	4.03	0.34	0.43	0.04	0.57	0.00	-10.80	0.99	0.00	339.06
Apr-1988	5.7	0.48	1.38	0.12	0.67	0.00	-12.96	0.34	0.00	338.39
May-1988	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.06	0.00	337.53
Jun-1988	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.01	0.00	336.48
Jul-1988	9.3	0.78	0.24	0.02	1.15	0.00	-27.18	0.00	0.00	335.33
Aug-1988	8.37	0.70	0.79	0.07	1.15	0.00	-22.74	0.00	0.00	334.19
Sep-1988	6.3	0.53	0.32	0.03	0.96	0.00	-17.94	0.00	0.00	333.23
Oct-1988	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	332.37
Nov-1988	2.4	0.20	0.47	0.04	0.67	0.00	-5.79	0.00	0.00	331.70
Dec-1988	1.55	0.13	1.18	0.10	0.57	0.00	-1.11	0.00	0.00	331.13
Jan-1989	1.55	0.13	0.59	0.05	0.57	0.00	-2.88	0.00	0.00	330.55
Feb-1989	2.52	0.21	0.04	0.00	0.48	0.00	-7.44	0.00	0.00	330.08
Mar-1989	4.03	0.34	0	0.00	0.57	0.00	-12.09	0.00	0.00	329.50
Apr-1989	5.7	0.48	0	0.00	0.67	0.00	-17.10	0.00	0.00	328.83
May-1989	7.75	0.65	0.12	0.01	0.86	0.00	-22.89	0.00	0.00	327.97
Jun-1989	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.00	0.00	326.92

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Jul-1989	9.3	0.78	0.35	0.03	1.15	0.00	-26.85	0.00	0.00	325.77
Aug-1989	8.37	0.70	0.87	0.07	1.15	0.00	-22.50	0.00	0.00	324.63
Sep-1989	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	323.67
Oct-1989	4.34	0.36	1.62	0.14	0.86	0.00	-8.16	0.00	0.00	322.81
Nov-1989	2.4	0.20	0.08	0.01	0.67	0.00	-6.96	0.00	0.00	322.14
Dec-1989	1.55	0.13	0.12	0.01	0.57	0.00	-4.29	0.00	0.00	321.57
Jan-1990	1.55	0.13	1.82	0.15	0.57	0.01	0.80	0.80	0.00	320.99
Feb-1990	2.52	0.21	0.71	0.06	0.48	0.00	-5.43	0.43	0.00	320.52
Mar-1990	4.03	0.34	0.55	0.05	0.57	0.00	-10.44	0.17	0.00	319.94
Apr-1990	5.7	0.48	0.75	0.06	0.67	0.00	-14.85	0.05	0.00	319.27
May-1990	7.75	0.65	0.32	0.03	0.86	0.00	-22.29	0.01	0.00	318.41
Jun-1990	8.7	0.73	2.76	0.23	1.05	0.10	-17.92	0.00	0.00	317.36
Jul-1990	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	316.21
Aug-1990	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	315.07
Sep-1990	6.3	0.53	0.16	0.01	0.96	0.00	-18.42	0.00	0.00	314.11
Oct-1990	4.34	0.36	0.16	0.01	0.86	0.00	-12.54	0.00	0.00	313.25
Nov-1990	2.4	0.20	0.43	0.04	0.67	0.00	-5.91	0.00	0.00	312.58
Dec-1990	1.55	0.13	0.59	0.05	0.57	0.00	-2.88	0.00	0.00	312.01
Jan-1991	1.55	0.13	1.06	0.09	0.57	0.00	-1.47	0.00	0.00	311.43
Feb-1991	2.52	0.21	3.23	0.27	0.48	0.18	1.95	1.95	0.00	310.96
Mar-1991	4.03	0.34	5.91	0.49	0.57	1.15	4.49	5.50	9.32	319.71
Apr-1991	5.7	0.48	0	0.00	0.67	0.00	-17.10	6.41	0.00	319.04
May-1991	7.75	0.65	0.04	0.00	0.86	0.00	-23.13	0.89	0.00	318.18
Jun-1991	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.13	0.00	317.12
Jul-1991	9.3	0.78	0.2	0.02	1.15	0.00	-27.30	0.02	0.00	315.98
Aug-1991	8.37	0.70	0.32	0.03	1.15	0.00	-24.15	0.00	0.00	314.83
Sep-1991	6.3	0.53	0.43	0.04	0.96	0.00	-17.61	0.00	0.00	313.87
Oct-1991	4.34	0.36	0.43	0.04	0.86	0.00	-11.73	0.00	0.00	313.01
Nov-1991	2.4	0.20	0.16	0.01	0.67	0.00	-6.72	0.00	0.00	312.34
Dec-1991	1.55	0.13	2.36	0.20	0.57	0.05	2.38	2.38	0.00	311.77
Jan-1992	1.55	0.13	1.85	0.15	0.57	0.01	0.89	3.27	0.00	311.20
Feb-1992	2.52	0.21	3.31	0.28	0.48	0.19	2.18	5.05	3.96	314.68
Mar-1992	4.03	0.34	4.73	0.39	0.57	0.60	1.50	5.89	6.52	320.63
Apr-1992	5.7	0.48	0.47	0.04	0.67	0.00	-15.69	6.54	0.00	319.96
May-1992	7.75	0.65	0.63	0.05	0.86	0.00	-21.36	1.04	0.00	319.10
Jun-1992	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.15	0.00	318.05
Jul-1992	9.3	0.78	0.75	0.06	1.15	0.00	-25.65	0.02	0.00	316.90
Aug-1992	8.37	0.70	1.69	0.14	1.15	0.00	-20.04	0.00	0.00	315.75
Sep-1992	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	314.80
Oct-1992	4.34	0.36	0.28	0.02	0.96	0.00	-12.18	0.00	0.00	313.84
Nov-1992	2.4	0.20	0.08	0.01	0.67	0.00	-6.96	0.00	0.00	313.17
Dec-1992	1.55	0.13	2.76	0.23	0.57	0.10	3.53	3.53	0.00	312.60
Jan-1993	1.55	0.13	9.89	0.82	0.57	4.00	21.02	10.25	168.22	386.92
Feb-1993	2.52	0.21	5.24	0.44	0.48	0.81	7.35	10.25	90.90	386.92
Mar-1993	4.03	0.34	0.79	0.07	0.57	0.00	-9.72	10.25	0.00	386.35

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Apr-1993	5.7	0.48	0	0.00	0.67	0.00	-17.10	2.41	0.00	385.68
May-1993	7.75	0.65	0.2	0.02	0.86	0.00	-22.65	0.43	0.00	384.82
Jun-1993	8.7	0.73	0.2	0.02	1.05	0.00	-25.50	0.06	0.00	383.77
Jul-1993	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.01	0.00	382.62
Aug-1993	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	381.47
Sep-1993	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	380.51
Oct-1993	4.34	0.36	0.08	0.01	0.86	0.00	-12.78	0.00	0.00	379.65
Nov-1993	2.4	0.20	1.3	0.11	0.67	0.00	-3.30	0.00	0.00	378.99
Dec-1993	1.55	0.13	0.63	0.05	0.57	0.00	-2.76	0.00	0.00	378.41
Jan-1994	1.55	0.13	1.02	0.09	0.57	0.00	-1.59	0.00	0.00	377.84
Feb-1994	2.52	0.21	3.7	0.31	0.48	0.27	3.27	3.27	0.00	377.36
Mar-1994	4.03	0.34	2.32	0.19	0.57	0.05	-5.18	1.79	0.00	376.79
Apr-1994	5.7	0.48	0.75	0.06	0.67	0.00	-14.85	0.47	0.00	376.12
May-1994	7.75	0.65	0.08	0.01	0.86	0.00	-23.01	0.08	0.00	375.26
Jun-1994	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.01	0.00	374.21
Jul-1994	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	373.06
Aug-1994	8.37	0.70	1.69	0.14	1.15	0.00	-20.04	0.00	0.00	371.91
Sep-1994	6.3	0.53	0.39	0.03	0.96	0.00	-17.73	0.00	0.00	370.95
Oct-1994	4.34	0.36	0.04	0.00	0.86	0.00	-12.90	0.00	0.00	370.09
Nov-1994	2.4	0.20	0.47	0.04	0.67	0.00	-5.79	0.00	0.00	369.43
Dec-1994	1.55	0.13	1.65	0.14	0.57	0.00	0.30	0.30	0.00	368.85
Jan-1995	1.55	0.13	6.5	0.54	0.57	1.48	13.37	10.01	36.84	386.92
Feb-1995	2.52	0.21	3.15	0.26	0.48	0.16	1.73	10.25	17.40	386.92
Mar-1995	4.03	0.34	3.66	0.31	0.57	0.26	-1.37	10.25	0.00	386.35
Apr-1995	5.7	0.48	0.55	0.05	0.67	0.00	-15.45	2.75	0.00	385.68
May-1995	7.75	0.65	0.79	0.07	0.86	0.00	-20.88	0.55	0.00	384.82
Jun-1995	8.7	0.73	0.2	0.02	1.05	0.00	-25.50	0.08	0.00	383.77
Jul-1995	9.3	0.78	0.04	0.00	1.15	0.00	-27.78	0.01	0.00	382.62
Aug-1995	8.37	0.70	0.55	0.05	1.15	0.00	-23.46	0.00	0.00	381.47
Sep-1995	6.3	0.53	0.47	0.04	0.96	0.00	-17.49	0.00	0.00	380.51
Oct-1995	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	379.65
Nov-1995	2.4	0.20	0	0.00	0.67	0.00	-7.20	0.00	0.00	378.99
Dec-1995	1.55	0.13	0.28	0.02	0.57	0.00	-3.81	0.00	0.00	378.41
Jan-1996	1.55	0.13	1.18	0.10	0.57	0.00	-1.11	0.00	0.00	377.84
Feb-1996	2.52	0.21	5.16	0.43	0.48	0.78	7.14	6.08	10.56	386.92
Mar-1996	4.03	0.34	1.58	0.13	0.57	0.00	-7.35	4.12	0.00	386.35
Apr-1996	5.7	0.48	0.08	0.01	0.67	0.00	-16.86	0.76	0.00	385.68
May-1996	7.75	0.65	0.16	0.01	0.86	0.00	-22.77	0.13	0.00	384.82
Jun-1996	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.02	0.00	383.77
Jul-1996	9.3	0.78	0.04	0.00	1.15	0.00	-27.78	0.00	0.00	382.62
Aug-1996	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	381.47
Sep-1996	6.3	0.53	0.16	0.01	0.96	0.00	-18.42	0.00	0.00	380.51
Oct-1996	4.34	0.36	0.87	0.07	0.86	0.00	-10.41	0.00	0.00	379.65
Nov-1996	2.4	0.20	0.87	0.07	0.67	0.00	-4.59	0.00	0.00	378.99
Dec-1996	1.55	0.13	1.42	0.12	0.57	0.00	-0.39	0.00	0.00	378.41

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Jan-1997	1.55	0.13	3.58	0.30	0.57	0.24	5.85	5.32	5.25	383.09
Feb-1997	2.52	0.21	1.02	0.09	0.48	0.00	-4.50	4.21	0.00	382.61
Mar-1997	4.03	0.34	0.04	0.00	0.57	0.00	-11.97	1.20	0.00	382.03
Apr-1997	5.7	0.48	0.43	0.04	0.67	0.00	-15.81	0.33	0.00	381.37
May-1997	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.06	0.00	380.51
Jun-1997	8.7	0.73	0.55	0.05	1.05	0.00	-24.45	0.01	0.00	379.45
Jul-1997	9.3	0.78	0.08	0.01	1.15	0.00	-27.66	0.00	0.00	378.31
Aug-1997	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	377.16
Sep-1997	6.3	0.53	1.97	0.16	0.96	0.02	-13.01	0.00	0.00	376.20
Oct-1997	4.34	0.36	0.08	0.01	0.86	0.00	-12.78	0.00	0.00	375.34
Nov-1997	2.4	0.20	1.38	0.12	0.67	0.00	-3.06	0.00	0.00	374.67
Dec-1997	1.55	0.13	2.68	0.22	0.57	0.09	3.30	3.30	0.00	374.10
Jan-1998	1.55	0.13	1.42	0.12	0.57	0.00	-0.39	3.14	0.00	373.53
Feb-1998	2.52	0.21	7.76	0.65	0.48	2.31	13.41	10.25	68.50	386.92
Mar-1998	4.03	0.34	3.66	0.31	0.57	0.26	-1.37	10.25	0.00	386.35
Apr-1998	5.7	0.48	1.69	0.14	0.67	0.00	-12.03	3.60	0.00	385.68
May-1998	7.75	0.65	1.3	0.11	0.86	0.00	-19.35	0.80	0.00	384.82
Jun-1998	8.7	0.73	0.04	0.00	1.05	0.00	-25.98	0.11	0.00	383.77
Jul-1998	9.3	0.78	0.08	0.01	1.15	0.00	-27.66	0.01	0.00	382.62
Aug-1998	8.37	0.70	1.65	0.14	1.15	0.00	-20.16	0.00	0.00	381.47
Sep-1998	6.3	0.53	0.32	0.03	0.96	0.00	-17.94	0.00	0.00	380.51
Oct-1998	4.34	0.36	0.04	0.00	0.86	0.00	-12.90	0.00	0.00	379.65
Nov-1998	2.4	0.20	1.38	0.12	0.67	0.00	-3.06	0.00	0.00	378.99
Dec-1998	1.55	0.13	1.42	0.12	0.57	0.00	-0.39	0.00	0.00	378.41
Jan-1999	1.55	0.13	1.58	0.13	0.57	0.00	0.09	0.09	0.00	377.84
Feb-1999	2.52	0.21	0.87	0.07	0.48	0.00	-4.95	0.05	0.00	377.36
Mar-1999	4.03	0.34	0.71	0.06	0.57	0.00	-9.96	0.02	0.00	376.79
Apr-1999	5.7	0.48	1.73	0.14	0.67	0.01	-11.92	0.01	0.00	376.12
May-1999	7.75	0.65	0.2	0.02	0.86	0.00	-22.65	0.00	0.00	375.26
Jun-1999	8.7	0.73	0.32	0.03	1.05	0.00	-25.14	0.00	0.00	374.21
Jul-1999	9.3	0.78	0.87	0.07	1.15	0.00	-25.29	0.00	0.00	373.06
Aug-1999	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	371.91
Sep-1999	6.3	0.53	0.08	0.01	0.96	0.00	-18.66	0.00	0.00	370.95
Oct-1999	4.34	0.36	0.2	0.02	0.86	0.00	-12.42	0.00	0.00	370.09
Nov-1999	2.4	0.20	0.04	0.00	0.67	0.00	-7.08	0.00	0.00	369.43
Dec-1999	1.55	0.13	0.2	0.02	0.57	0.00	-4.05	0.00	0.00	368.85
Jan-2000	1.55	0.13	0.71	0.06	0.57	0.00	-2.52	0.00	0.00	368.28
Feb-2000	2.52	0.21	3.58	0.30	0.48	0.24	2.94	2.94	0.00	367.80
Mar-2000	4.03	0.34	1.14	0.10	0.57	0.00	-8.67	1.13	0.00	367.23
Apr-2000	5.7	0.48	0.55	0.05	0.67	0.00	-15.45	0.31	0.00	366.56
May-2000	7.75	0.65	0.04	0.00	0.86	0.00	-23.13	0.05	0.00	365.70
Jun-2000	8.7	0.73	0.28	0.02	1.05	0.00	-25.26	0.01	0.00	364.65
Jul-2000	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	363.50
Aug-2000	8.37	0.70	0.79	0.07	1.15	0.00	-22.74	0.00	0.00	362.35
Sep-2000	6.3	0.53	0.16	0.01	0.96	0.00	-18.42	0.00	0.00	361.39

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Oct-2000	4.34	0.36	0.67	0.06	0.86	0.00	-11.01	0.00	0.00	360.53
Nov-2000	2.4	0.20	0.28	0.02	0.67	0.00	-6.36	0.00	0.00	359.87
Dec-2000	1.55	0.13	0.08	0.01	0.57	0.00	-4.41	0.00	0.00	359.29
Jan-2001	1.55	0.13	1.69	0.14	0.57	0.00	0.42	0.42	0.00	358.72
Feb-2001	2.52	0.21	2.56	0.21	0.48	0.07	0.05	0.50	0.00	358.24
Mar-2001	4.03	0.34	0.87	0.07	0.57	0.00	-9.48	0.18	0.00	357.67
Apr-2001	5.7	0.48	1.02	0.09	0.67	0.00	-14.04	0.05	0.00	357.00
May-2001	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.01	0.00	356.14
Jun-2001	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.00	0.00	355.09
Jul-2001	9.3	0.78	0.04	0.00	1.15	0.00	-27.78	0.00	0.00	353.94
Aug-2001	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	352.79
Sep-2001	6.3	0.53	2.44	0.20	0.96	0.06	-11.64	0.00	0.00	351.83
Oct-2001	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	350.97
Nov-2001	2.4	0.20	0.59	0.05	0.67	0.00	-5.43	0.00	0.00	350.31
Dec-2001	1.55	0.13	1.1	0.09	0.57	0.00	-1.35	0.00	0.00	349.73
Jan-2002	1.55	0.13	0.32	0.03	0.57	0.00	-3.69	0.00	0.00	349.16
Feb-2002	2.52	0.21	0.16	0.01	0.48	0.00	-7.08	0.00	0.00	348.68
Mar-2002	4.03	0.34	0.67	0.06	0.57	0.00	-10.08	0.00	0.00	348.11
Apr-2002	5.7	0.48	0.43	0.04	0.67	0.00	-15.81	0.00	0.00	347.44
May-2002	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.00	0.00	346.58
Jun-2002	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.00	0.00	345.53
Jul-2002	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	344.38
Aug-2002	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	343.23
Sep-2002	6.3	0.53	0.95	0.08	0.96	0.00	-16.05	0.00	0.00	342.27
Oct-2002	4.34	0.36	0.16	0.01	0.86	0.00	-12.54	0.00	0.00	341.41
Nov-2002	2.4	0.20	1.46	0.12	0.67	0.00	-2.82	0.00	0.00	340.75
Dec-2002	1.55	0.13	1.38	0.12	0.57	0.00	-0.51	0.00	0.00	340.17
Jan-2003	1.55	0.13	0.16	0.01	0.57	0.00	-4.17	0.00	0.00	339.60
Feb-2003	2.52	0.21	3.62	0.30	0.48	0.25	3.05	3.05	0.00	339.12
Mar-2003	4.03	0.34	1.42	0.12	0.57	0.00	-7.83	1.27	0.00	338.55
Apr-2003	5.7	0.48	1.5	0.13	0.67	0.00	-12.60	0.42	0.00	337.88
May-2003	7.75	0.65	0.83	0.07	0.86	0.00	-20.76	0.09	0.00	337.02
Jun-2003	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.01	0.00	335.97
Jul-2003	9.3	0.78	0.2	0.02	1.15	0.00	-27.30	0.00	0.00	334.82
Aug-2003	8.37	0.70	1.93	0.16	1.15	0.02	-19.34	0.00	0.00	333.67
Sep-2003	6.3	0.53	0.04	0.00	0.96	0.00	-18.78	0.00	0.00	332.71
Oct-2003	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	331.85
Nov-2003	2.4	0.20	0.55	0.05	0.67	0.00	-5.55	0.00	0.00	331.19
Dec-2003	1.55	0.13	1.5	0.13	0.57	0.00	-0.15	0.00	0.00	330.61
Jan-2004	1.55	0.13	0.59	0.05	0.57	0.00	-2.88	0.00	0.00	330.04
Feb-2004	2.52	0.21	3.66	0.31	0.48	0.26	3.16	3.16	0.00	329.56
Mar-2004	4.03	0.34	1.54	0.13	0.57	0.00	-7.47	1.36	0.00	328.99
Apr-2004	5.7	0.48	0.66	0.06	0.67	0.00	-15.12	0.37	0.00	328.32
May-2004	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.06	0.00	327.46
Jun-2004	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.01	0.00	326.41

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Jul-2004	9.3	0.78	0.24	0.02	1.15	0.00	-27.18	0.00	0.00	325.26
Aug-2004	8.37	0.70	0.51	0.04	1.15	0.00	-23.58	0.00	0.00	324.11
Sep-2004	6.3	0.53	0.04	0.00	0.96	0.00	-18.78	0.00	0.00	323.15
Oct-2004	4.34	0.36	6.58	0.55	0.86	1.53	5.19	4.68	5.01	327.30
Nov-2004	2.4	0.20	0.67	0.06	0.67	0.00	-5.19	3.65	0.00	326.63
Dec-2004	1.55	0.13	4.14	0.35	0.57	0.39	7.38	8.45	25.54	351.60
Jan-2005	1.55	0.13	3.55	0.30	0.57	0.24	5.76	10.25	45.38	386.92
Feb-2005	2.52	0.21	4.18	0.35	0.48	0.40	4.58	10.25	56.63	386.92
Mar-2005	4.03	0.34	1.02	0.09	0.57	0.00	-9.03	10.25	0.00	386.35
Apr-2005	5.7	0.48	0.39	0.03	0.67	0.00	-15.93	2.64	0.00	385.68
May-2005	7.75	0.65	0.04	0.00	0.86	0.00	-23.13	0.45	0.00	384.82
Jun-2005	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.06	0.00	383.77
Jul-2005	9.3	0.78	0.55	0.05	1.15	0.00	-26.25	0.01	0.00	382.62
Aug-2005	8.37	0.70	3.19	0.27	1.15	0.17	-15.71	0.00	0.00	381.47
Sep-2005	6.3	0.53	0.08	0.01	0.96	0.00	-18.66	0.00	0.00	380.51
Oct-2005	4.34	0.36	0.59	0.05	0.86	0.00	-11.25	0.00	0.00	379.65
Nov-2005	2.4	0.20	0.04	0.00	0.67	0.00	-7.08	0.00	0.00	378.99
Dec-2005	1.55	0.13	0.12	0.01	0.57	0.00	-4.29	0.00	0.00	378.41
Jan-2006	1.55	0.13	0.51	0.04	0.57	0.00	-3.12	0.00	0.00	377.84
Feb-2006	2.52	0.21	1.06	0.09	0.48	0.00	-4.38	0.00	0.00	377.36
Mar-2006	4.03	0.34	2.64	0.22	0.57	0.08	-4.25	0.00	0.00	376.79
Apr-2006	5.7	0.48	1.73	0.14	0.67	0.01	-11.92	0.00	0.00	376.12
May-2006	7.75	0.65	0.08	0.01	0.86	0.00	-23.01	0.00	0.00	375.26
Jun-2006	8.7	0.73	0.16	0.01	1.05	0.00	-25.62	0.00	0.00	374.21
Jul-2006	9.3	0.78	0.35	0.03	1.15	0.00	-26.85	0.00	0.00	373.06
Aug-2006	8.37	0.70	0.08	0.01	1.15	0.00	-24.87	0.00	0.00	371.91
Sep-2006	6.3	0.53	0.04	0.00	0.96	0.00	-18.78	0.00	0.00	370.95
Oct-2006	4.34	0.36	0.24	0.02	0.86	0.00	-12.30	0.00	0.00	370.09
Nov-2006	2.4	0.20	0.08	0.01	0.67	0.00	-6.96	0.00	0.00	369.43
Dec-2006	1.55	0.13	0.79	0.07	0.57	0.00	-2.28	0.00	0.00	368.85
Jan-2007	1.55	0.13	0.35	0.03	0.57	0.00	-3.60	0.00	0.00	368.28
Feb-2007	2.52	0.21	1.3	0.11	0.48	0.00	-3.66	0.00	0.00	367.80
Mar-2007	4.03	0.34	0.39	0.03	0.57	0.00	-10.92	0.00	0.00	367.23
Apr-2007	5.7	0.48	0.32	0.03	0.67	0.00	-16.14	0.00	0.00	366.56
May-2007	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.00	0.00	365.70
Jun-2007	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.00	0.00	364.65
Jul-2007	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	363.50
Aug-2007	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	362.35
Sep-2007	6.3	0.53	0.16	0.01	0.96	0.00	-18.42	0.00	0.00	361.39
Oct-2007	4.34	0.36	0.16	0.01	0.86	0.00	-12.54	0.00	0.00	360.53
Nov-2007	2.4	0.20	1.65	0.14	0.67	0.00	-2.25	0.00	0.00	359.87
Dec-2007	1.55	0.13	0.79	0.07	0.57	0.00	-2.28	0.00	0.00	359.29
Jan-2008	1.55	0.13	4.32	0.36	0.57	0.45	7.86	6.61	12.39	371.11
Feb-2008	2.52	0.21	2.09	0.17	0.48	0.03	-1.32	6.12	0.00	370.63
Mar-2008	4.03	0.34	0.32	0.03	0.57	0.00	-11.13	2.11	0.00	370.06

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Apr-2008	5.7	0.48	0	0.00	0.67	0.00	-17.10	0.54	0.00	369.39
May-2008	7.75	0.65	0.2	0.02	0.86	0.00	-22.65	0.10	0.00	368.53
Jun-2008	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.01	0.00	367.48
Jul-2008	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	366.33
Aug-2008	8.37	0.70	0.24	0.02	1.15	0.00	-24.39	0.00	0.00	365.18
Sep-2008	6.3	0.53	0.63	0.05	0.96	0.00	-17.01	0.00	0.00	364.23
Oct-2008	4.34	0.36	0.04	0.00	0.86	0.00	-12.90	0.00	0.00	363.37
Nov-2008	2.4	0.20	1.38	0.12	0.67	0.00	-3.06	0.00	0.00	362.70
Dec-2008	1.55	0.13	5.39	0.45	0.57	0.88	10.64	8.39	22.25	384.37
Jan-2009	1.55	0.13	0.08	0.01	0.57	0.00	-4.41	6.43	0.00	383.80
Feb-2009	2.52	0.21	2.56	0.21	0.48	0.07	0.05	6.45	0.40	383.72
Mar-2009	4.03	0.34	0	0.00	0.57	0.00	-12.09	3.48	0.00	383.14
Apr-2009	5.7	0.48	0.16	0.01	0.67	0.00	-16.62	0.60	0.00	382.47
May-2009	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.10	0.00	381.61
Jun-2009	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.01	0.00	380.56
Jul-2009	9.3	0.78	0.32	0.03	1.15	0.00	-26.94	0.00	0.00	379.41
Aug-2009	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	378.27
Sep-2009	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	377.31
Oct-2009	4.34	0.36	0.04	0.00	0.86	0.00	-12.90	0.00	0.00	376.45
Nov-2009	2.4	0.20	0.43	0.04	0.67	0.00	-5.91	0.00	0.00	375.78
Dec-2009	1.55	0.13	3.31	0.28	0.57	0.19	5.09	4.83	2.58	377.78
Jan-2010	1.55	0.13	5.75	0.48	0.57	1.06	11.54	10.25	67.70	386.92
Feb-2010	2.52	0.21	2.76	0.23	0.48	0.10	0.62	10.25	7.48	386.92
Mar-2010	4.03	0.34	1.18	0.10	0.57	0.00	-8.55	10.25	0.00	386.35
Apr-2010	5.7	0.48	1.46	0.12	0.67	0.00	-12.72	3.41	0.00	385.68
May-2010	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.57	0.00	384.82
Jun-2010	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.08	0.00	383.77
Jul-2010	9.3	0.78	0.04	0.00	1.15	0.00	-27.78	0.01	0.00	382.62
Aug-2010	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	381.47
Sep-2010	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	380.51
Oct-2010	4.34	0.36	4.1	0.34	0.86	0.38	-1.10	0.00	0.00	379.65
Nov-2010	2.4	0.20	0.83	0.07	0.67	0.00	-4.71	0.00	0.00	378.99
Dec-2010	1.55	0.13	4.1	0.34	0.57	0.38	7.27	6.23	10.30	386.92
Jan-2011	1.55	0.13	0.47	0.04	0.57	0.00	-3.24	5.20	0.00	386.35
Feb-2011	2.52	0.21	4.52	0.38	0.48	0.52	5.48	8.71	19.53	386.92
Mar-2011	4.03	0.34	1.65	0.14	0.57	0.00	-7.14	5.69	0.00	386.35
Apr-2011	5.7	0.48	0.24	0.02	0.67	0.00	-16.38	1.25	0.00	385.68
May-2011	7.75	0.65	0.71	0.06	0.86	0.00	-21.12	0.24	0.00	384.82
Jun-2011	8.7	0.73	0.16	0.01	1.05	0.00	-25.62	0.03	0.00	383.77
Jul-2011	9.3	0.78	0.55	0.05	1.15	0.00	-26.25	0.00	0.00	382.62
Aug-2011	8.37	0.70	0.34	0.03	1.15	0.00	-24.09	0.00	0.00	381.47
Sep-2011	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	380.51
Oct-2011	4.34	0.36	0.5	0.04	0.86	0.00	-11.52	0.00	0.00	379.65
Nov-2011	2.4	0.20	2.71	0.23	0.67	0.09	0.84	0.84	0.00	378.99
Dec-2011	1.55	0.13	1.95	0.16	0.57	0.02	1.18	2.02	0.00	378.41

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Jan-2012	1.55	0.13	0.77	0.06	0.57	0.00	-2.34	1.52	0.00	377.84
Feb-2012	2.52	0.21	1.26	0.11	0.48	0.00	-3.78	1.00	0.00	377.36
Mar-2012	4.03	0.34	1.87	0.16	0.57	0.01	-6.49	0.55	0.00	376.79
Apr-2012	5.7	0.48	1.77	0.15	0.67	0.01	-11.80	0.21	0.00	376.12
May-2012	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.04	0.00	375.26
Jun-2012	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.00	0.00	374.21

Time	INPUT					OUTPUT				
	Monthly Avg. Reference ET (inches)	Monthly Avg. Reference ET (feet)	Mean Precip (inches)	Mean Precip (feet)	Water Demand (AF)	Runoff (in)	P- (PET+RO) (in)	Soil Moisture (in)	Recharge (AF)	Storage (AF)
Jul-1982	9.3	0.78	0.3276	0.03	3.25	0.00	-26.92	10.25	0.00	383.67
Aug-1982	8.37	0.70	0.5577	0.05	3.25	0.00	-23.44	1.48	0.00	380.43
Sep-1982	6.3	0.53	0.3705	0.03	2.66	0.00	-17.79	0.38	0.00	377.77
Oct-1982	4.34	0.36	0.1287	0.01	2.56	0.00	-12.63	0.15	0.00	375.21
Nov-1982	2.4	0.20	4.3797	0.36	2.37	0.47	5.47	5.16	4.53	377.37
Dec-1982	1.55	0.13	3.4125	0.28	2.17	0.21	5.38	8.68	18.45	386.92
Jan-1983	1.55	0.13	2.2113	0.18	0.57	0.04	1.95	9.90	7.32	386.92
Feb-1983	2.52	0.21	4.7736	0.40	0.48	0.61	6.15	10.25	70.37	386.92
Mar-1983	4.03	0.34	9.828	0.82	1.07	3.94	13.45	10.25	165.16	386.92
Apr-1983	5.7	0.48	2.2074	0.18	2.47	0.04	-10.51	10.25	0.00	384.45
May-1983	7.75	0.65	0.1911	0.02	1.96	0.00	-22.68	1.57	0.00	382.49
Jun-1983	8.7	0.73	0	0.00	2.45	0.00	-26.10	0.21	0.00	380.04
Jul-1983	9.3	0.78	0.0117	0.00	2.55	0.00	-27.86	0.03	0.00	377.49
Aug-1983	8.37	0.70	4.017	0.33	1.15	0.35	-13.41	0.01	0.00	376.34
Sep-1983	6.3	0.53	0.6708	0.06	0.96	0.00	-16.89	0.00	0.00	375.39
Oct-1983	4.34	0.36	1.1505	0.10	0.86	0.00	-9.57	0.00	0.00	374.53
Nov-1983	2.4	0.20	2.4258	0.20	0.67	0.06	0.02	0.05	0.00	373.86
Dec-1983	1.55	0.13	0.9867	0.08	0.57	0.00	-1.69	0.04	0.00	373.29
Jan-1984	1.55	0.13	0.117	0.01	0.57	0.00	-4.30	0.02	0.00	372.71
Feb-1984	2.52	0.21	0	0.00	0.48	0.00	-7.56	0.01	0.00	372.23
Mar-1984	4.03	0.34	0.039	0.00	0.57	0.00	-11.97	0.00	0.00	371.66
Apr-1984	5.7	0.48	0.2379	0.02	0.67	0.00	-16.39	0.00	0.00	370.99
May-1984	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.00	0.00	370.13
Jun-1984	8.7	0.73	0.546	0.05	1.05	0.00	-24.46	0.00	0.00	369.08
Jul-1984	9.3	0.78	1.4937	0.12	1.15	0.00	-23.42	0.00	0.00	367.93
Aug-1984	8.37	0.70	2.2737	0.19	1.15	0.04	-18.33	0.00	0.00	366.78
Sep-1984	6.3	0.53	0.663	0.06	0.96	0.00	-16.91	0.00	0.00	365.83
Oct-1984	4.34	0.36	0.1794	0.01	0.86	0.00	-12.48	0.00	0.00	364.97
Nov-1984	2.4	0.20	1.4157	0.12	0.67	0.00	-2.95	0.00	0.00	364.30
Dec-1984	1.55	0.13	4.2159	0.35	0.57	0.41	7.59	6.43	11.40	375.13
Jan-1985	1.55	0.13	1.5756	0.13	0.57	0.00	0.08	6.48	0.25	374.81
Feb-1985	2.52	0.21	1.4508	0.12	0.48	0.00	-3.21	5.40	0.00	374.33
Mar-1985	4.03	0.34	0.2652	0.02	0.57	0.00	-11.29	1.78	0.00	373.76
Apr-1985	5.7	0.48	0.039	0.00	0.67	0.00	-16.98	0.46	0.00	373.09
May-1985	7.75	0.65	0.0897	0.01	0.86	0.00	-22.98	0.08	0.00	372.23
Jun-1985	8.7	0.73	1.7199	0.14	1.05	0.00	-20.95	0.02	0.00	371.18
Jul-1985	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	370.03
Aug-1985	8.37	0.70	0.3315	0.03	1.15	0.00	-24.12	0.00	0.00	368.88
Sep-1985	6.3	0.53	0.6825	0.06	0.96	0.00	-16.85	0.00	0.00	367.93
Oct-1985	4.34	0.36	4.4928	0.37	0.86	0.51	-0.05	0.25	0.00	367.07
Nov-1985	2.4	0.20	1.7472	0.15	0.67	0.01	-1.96	0.19	0.00	366.40

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Dec-1985	1.55	0.13	0	0.00	0.57	0.00	-4.65	0.11	0.00	365.82
Jan-1986	1.55	0.13	0.7449	0.06	0.57	0.00	-2.42	0.08	0.00	365.25
Feb-1986	2.52	0.21	3.4983	0.29	0.48	0.23	2.71	2.79	0.00	364.77
Mar-1986	4.03	0.34	3.4359	0.29	0.57	0.21	-2.00	2.21	0.00	364.20
Apr-1986	5.7	0.48	0.2769	0.02	0.67	0.00	-16.27	0.47	0.00	363.53
May-1986	7.75	0.65	0.0117	0.00	0.86	0.00	-23.21	0.08	0.00	362.67
Jun-1986	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.01	0.00	361.62
Jul-1986	9.3	0.78	0.3471	0.03	1.15	0.00	-26.86	0.00	0.00	360.47
Aug-1986	8.37	0.70	0.0585	0.00	1.15	0.00	-24.93	0.00	0.00	359.32
Sep-1986	6.3	0.53	1.3065	0.11	0.96	0.00	-14.98	0.00	0.00	358.37
Oct-1986	4.34	0.36	2.0982	0.17	0.86	0.03	-6.75	0.00	0.00	357.51
Nov-1986	2.4	0.20	0.5655	0.05	0.67	0.00	-5.50	0.00	0.00	356.84
Dec-1986	1.55	0.13	0.7137	0.06	0.57	0.00	-2.51	0.00	0.00	356.26
Jan-1987	1.55	0.13	1.6419	0.14	0.57	0.00	0.27	0.27	0.00	355.69
Feb-1987	2.52	0.21	2.5311	0.21	0.48	0.07	-0.04	0.29	0.00	355.21
Mar-1987	4.03	0.34	2.5545	0.21	0.57	0.07	-4.50	0.17	0.00	354.64
Apr-1987	5.7	0.48	0.195	0.02	0.67	0.00	-16.52	0.04	0.00	353.97
May-1987	7.75	0.65	0.0819	0.01	0.86	0.00	-23.00	0.01	0.00	353.11
Jun-1987	8.7	0.73	0.0117	0.00	1.05	0.00	-26.06	0.00	0.00	352.06
Jul-1987	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	350.91
Aug-1987	8.37	0.70	0.6435	0.05	1.15	0.00	-23.18	0.00	0.00	349.76
Sep-1987	6.3	0.53	0.4758	0.04	0.96	0.00	-17.47	0.00	0.00	348.81
Oct-1987	4.34	0.36	3.1005	0.26	0.86	0.15	-3.87	0.00	0.00	347.95
Nov-1987	2.4	0.20	2.457	0.20	0.67	0.06	0.11	0.11	0.00	347.28
Dec-1987	1.55	0.13	1.8057	0.15	0.57	0.01	0.76	0.87	0.00	346.70
Jan-1988	1.55	0.13	3.4593	0.29	0.57	0.22	5.51	5.66	7.15	353.28
Feb-1988	2.52	0.21	1.9266	0.16	0.48	0.01	-1.80	7.68	0.00	352.81
Mar-1988	4.03	0.34	0.7137	0.06	0.57	0.00	-9.95	3.09	0.00	352.23
Apr-1988	5.7	0.48	2.4609	0.21	0.67	0.06	-9.78	1.42	0.00	351.56
May-1988	7.75	0.65	0.3549	0.03	0.86	0.00	-22.19	0.26	0.00	350.70
Jun-1988	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.04	0.00	349.65
Jul-1988	9.3	0.78	0.0234	0.00	1.15	0.00	-27.83	0.00	0.00	348.50
Aug-1988	8.37	0.70	1.6341	0.14	1.15	0.00	-20.21	0.00	0.00	347.36
Sep-1988	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	346.40
Oct-1988	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	345.54
Nov-1988	2.4	0.20	1.0725	0.09	0.67	0.00	-3.98	0.00	0.00	344.87
Dec-1988	1.55	0.13	2.0982	0.17	0.57	0.03	1.62	1.62	0.00	344.30
Jan-1989	1.55	0.13	1.0452	0.09	0.57	0.00	-1.51	1.34	0.00	343.72
Feb-1989	2.52	0.21	1.1739	0.10	0.48	0.00	-4.04	0.86	0.00	343.25
Mar-1989	4.03	0.34	1.6341	0.14	0.57	0.00	-7.19	0.44	0.00	342.67
Apr-1989	5.7	0.48	0.2067	0.02	0.67	0.00	-16.48	0.12	0.00	342.00
May-1989	7.75	0.65	0.1287	0.01	0.86	0.00	-22.86	0.02	0.00	341.14
Jun-1989	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.00	0.00	340.09
Jul-1989	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	338.94
Aug-1989	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	337.80
Sep-1989	6.3	0.53	0.1677	0.01	0.96	0.00	-18.40	0.00	0.00	336.84
Oct-1989	4.34	0.36	0.3549	0.03	0.86	0.00	-11.96	0.00	0.00	335.98

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Nov-1989	2.4	0.20	0.0312	0.00	0.67	0.00	-7.11	0.00	0.00	335.31
Dec-1989	1.55	0.13	0.2886	0.02	0.57	0.00	-3.78	0.00	0.00	334.74
Jan-1990	1.55	0.13	3.0342	0.25	0.57	0.14	4.31	4.31	0.00	334.16
Feb-1990	2.52	0.21	1.7589	0.15	0.48	0.01	-2.29	3.27	0.00	333.69
Mar-1990	4.03	0.34	0.6903	0.06	0.57	0.00	-10.02	1.20	0.00	333.11
Apr-1990	5.7	0.48	0.9789	0.08	0.67	0.00	-14.16	0.38	0.00	332.44
May-1990	7.75	0.65	0.2262	0.02	0.86	0.00	-22.57	0.07	0.00	331.58
Jun-1990	8.7	0.73	0.2184	0.02	1.05	0.00	-25.44	0.01	0.00	330.53
Jul-1990	9.3	0.78	0.1092	0.01	1.15	0.00	-27.57	0.00	0.00	329.38
Aug-1990	8.37	0.70	0.1794	0.01	1.15	0.00	-24.57	0.00	0.00	328.24
Sep-1990	6.3	0.53	0.6162	0.05	0.96	0.00	-17.05	0.00	0.00	327.28
Oct-1990	4.34	0.36	0.039	0.00	0.86	0.00	-12.90	0.00	0.00	326.42
Nov-1990	2.4	0.20	0.5538	0.05	0.67	0.00	-5.54	0.00	0.00	325.75
Dec-1990	1.55	0.13	1.287	0.11	0.57	0.00	-0.79	0.00	0.00	325.18
Jan-1991	1.55	0.13	1.3377	0.11	0.57	0.00	-0.64	0.00	0.00	324.60
Feb-1991	2.52	0.21	2.2113	0.18	0.48	0.04	-0.96	0.00	0.00	324.13
Mar-1991	4.03	0.34	12.0627	1.01	0.57	5.99	18.11	10.25	85.95	386.92
Apr-1991	5.7	0.48	0.0507	0.00	0.67	0.00	-16.95	10.25	0.00	386.25
May-1991	7.75	0.65	0	0.00	0.86	0.00	-23.25	1.50	0.00	385.39
Jun-1991	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.20	0.00	384.34
Jul-1991	9.3	0.78	0.6123	0.05	1.15	0.00	-26.06	0.03	0.00	383.19
Aug-1991	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	382.04
Sep-1991	6.3	0.53	0.351	0.03	0.96	0.00	-17.85	0.00	0.00	381.09
Oct-1991	4.34	0.36	0.5772	0.05	0.86	0.00	-11.29	0.00	0.00	380.23
Nov-1991	2.4	0.20	0.2964	0.02	0.67	0.00	-6.31	0.00	0.00	379.56
Dec-1991	1.55	0.13	2.8002	0.23	0.57	0.11	3.64	3.64	0.00	378.99
Jan-1992	1.55	0.13	2.6832	0.22	0.57	0.09	3.31	6.07	8.75	386.92
Feb-1992	2.52	0.21	5.0037	0.42	0.48	0.71	6.74	10.09	27.64	386.92
Mar-1992	4.03	0.34	4.8867	0.41	0.57	0.66	1.91	10.25	19.76	386.92
Apr-1992	5.7	0.48	0.6747	0.06	0.67	0.00	-15.08	10.25	0.00	386.25
May-1992	7.75	0.65	0.2262	0.02	0.86	0.00	-22.57	1.58	0.00	385.39
Jun-1992	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.22	0.00	384.34
Jul-1992	9.3	0.78	0.7449	0.06	1.15	0.00	-25.67	0.03	0.00	383.19
Aug-1992	8.37	0.70	2.028	0.17	1.15	0.02	-19.05	0.01	0.00	382.04
Sep-1992	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	381.09
Oct-1992	4.34	0.36	0.2379	0.02	0.96	0.00	-12.31	0.00	0.00	380.13
Nov-1992	2.4	0.20	0.0585	0.00	0.67	0.00	-7.02	0.00	0.00	379.46
Dec-1992	1.55	0.13	3.9975	0.33	0.57	0.35	7.00	6.06	9.31	386.92
Jan-1993	1.55	0.13	18.4392	1.54	0.57	12.87	37.79	10.25	410.23	386.92
Feb-1993	2.52	0.21	6.4506	0.54	0.48	1.46	10.34	10.25	127.88	386.92
Mar-1993	4.03	0.34	1.5132	0.13	0.57	0.00	-7.55	10.25	0.00	386.35
Apr-1993	5.7	0.48	0	0.00	0.67	0.00	-17.10	2.41	0.00	385.68
May-1993	7.75	0.65	0.117	0.01	0.86	0.00	-22.90	0.42	0.00	384.82
Jun-1993	8.7	0.73	0.1599	0.01	1.05	0.00	-25.62	0.06	0.00	383.77
Jul-1993	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.01	0.00	382.62
Aug-1993	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	381.47
Sep-1993	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	380.51

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Oct-1993	4.34	0.36	0.2964	0.02	0.86	0.00	-12.13	0.00	0.00	379.65
Nov-1993	2.4	0.20	1.4781	0.12	0.67	0.00	-2.77	0.00	0.00	378.99
Dec-1993	1.55	0.13	1.1505	0.10	0.57	0.00	-1.20	0.00	0.00	378.41
Jan-1994	1.55	0.13	1.6848	0.14	0.57	0.00	0.40	0.40	0.00	377.84
Feb-1994	2.52	0.21	4.1067	0.34	0.48	0.38	4.38	4.57	2.09	379.45
Mar-1994	4.03	0.34	3.1122	0.26	0.57	0.16	-2.91	3.95	0.00	378.87
Apr-1994	5.7	0.48	1.3377	0.11	0.67	0.00	-13.09	0.99	0.00	378.20
May-1994	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.16	0.00	377.34
Jun-1994	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.02	0.00	376.29
Jul-1994	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	375.14
Aug-1994	8.37	0.70	1.2051	0.10	1.15	0.00	-21.49	0.00	0.00	374.00
Sep-1994	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	373.04
Oct-1994	4.34	0.36	0.1911	0.02	0.86	0.00	-12.45	0.00	0.00	372.18
Nov-1994	2.4	0.20	0.6786	0.06	0.67	0.00	-5.16	0.00	0.00	371.51
Dec-1994	1.55	0.13	0.9633	0.08	0.57	0.00	-1.76	0.00	0.00	370.94
Jan-1995	1.55	0.13	10.0269	0.84	0.57	4.12	21.31	10.25	127.57	386.92
Feb-1995	2.52	0.21	3.2487	0.27	0.48	0.18	2.01	10.25	24.75	386.92
Mar-1995	4.03	0.34	6.5637	0.55	0.57	1.52	6.08	10.25	73.96	386.92
Apr-1995	5.7	0.48	1.248	0.10	0.67	0.00	-13.36	10.25	0.00	386.25
May-1995	7.75	0.65	1.092	0.09	0.86	0.00	-19.97	1.93	0.00	385.39
Jun-1995	8.7	0.73	0.4758	0.04	1.05	0.00	-24.67	0.29	0.00	384.34
Jul-1995	9.3	0.78	0.0585	0.00	1.15	0.00	-27.72	0.04	0.00	383.19
Aug-1995	8.37	0.70	0.6357	0.05	1.15	0.00	-23.20	0.01	0.00	382.04
Sep-1995	6.3	0.53	0.2808	0.02	0.96	0.00	-18.06	0.00	0.00	381.09
Oct-1995	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	380.23
Nov-1995	2.4	0.20	0.078	0.01	0.67	0.00	-6.97	0.00	0.00	379.56
Dec-1995	1.55	0.13	0.5655	0.05	0.57	0.00	-2.95	0.00	0.00	378.99
Jan-1996	1.55	0.13	1.5249	0.13	0.57	0.00	-0.08	0.00	0.00	378.41
Feb-1996	2.52	0.21	3.1746	0.26	0.48	0.17	1.80	1.80	0.00	377.93
Mar-1996	4.03	0.34	2.73	0.23	0.57	0.10	-4.00	1.12	0.00	377.36
Apr-1996	5.7	0.48	0.5265	0.04	0.67	0.00	-15.52	0.27	0.00	376.69
May-1996	7.75	0.65	0.0702	0.01	0.86	0.00	-23.04	0.05	0.00	375.83
Jun-1996	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.01	0.00	374.78
Jul-1996	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	373.63
Aug-1996	8.37	0.70	0.0702	0.01	1.15	0.00	-24.90	0.00	0.00	372.48
Sep-1996	6.3	0.53	0.0312	0.00	0.96	0.00	-18.81	0.00	0.00	371.53
Oct-1996	4.34	0.36	1.5405	0.13	0.86	0.00	-8.40	0.00	0.00	370.67
Nov-1996	2.4	0.20	0.9126	0.08	0.67	0.00	-4.46	0.00	0.00	370.00
Dec-1996	1.55	0.13	1.9656	0.16	0.57	0.02	1.23	1.23	0.00	369.43
Jan-1997	1.55	0.13	4.2939	0.36	0.57	0.44	7.79	7.38	16.26	385.11
Feb-1997	2.52	0.21	1.5132	0.13	0.48	0.00	-3.02	6.17	0.00	384.64
Mar-1997	4.03	0.34	0.0195	0.00	0.57	0.00	-12.03	1.98	0.00	384.06
Apr-1997	5.7	0.48	0.2184	0.02	0.67	0.00	-16.44	0.54	0.00	383.39
May-1997	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.09	0.00	382.53
Jun-1997	8.7	0.73	0.0702	0.01	1.05	0.00	-25.89	0.01	0.00	381.48
Jul-1997	9.3	0.78	1.9149	0.16	1.15	0.01	-22.17	0.00	0.00	380.33
Aug-1997	8.37	0.70	0.1599	0.01	1.15	0.00	-24.63	0.00	0.00	379.19

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Sep-1997	6.3	0.53	1.7433	0.15	0.96	0.01	-13.68	0.00	0.00	378.23
Oct-1997	4.34	0.36	4.1691	0.35	0.86	0.40	-0.91	0.00	0.00	377.37
Nov-1997	2.4	0.20	0	0.00	0.67	0.00	-7.20	0.00	0.00	376.70
Dec-1997	1.55	0.13	0	0.00	0.57	0.00	-4.65	0.00	0.00	376.13
Jan-1998	1.55	0.13	1.5912	0.13	0.57	0.00	0.12	0.12	0.00	375.55
Feb-1998	2.52	0.21	10.2726	0.86	0.48	4.33	18.93	10.25	98.78	386.92
Mar-1998	4.03	0.34	4.3563	0.36	0.57	0.46	0.52	10.25	6.65	386.92
Apr-1998	5.7	0.48	2.1723	0.18	0.67	0.03	-10.62	7.84	0.00	386.25
May-1998	7.75	0.65	1.1583	0.10	0.86	0.00	-19.78	1.45	0.00	385.39
Jun-1998	8.7	0.73	0.0234	0.00	1.05	0.00	-26.03	0.20	0.00	384.34
Jul-1998	9.3	0.78	0.1014	0.01	1.15	0.00	-27.60	0.03	0.00	383.19
Aug-1998	8.37	0.70	0.1989	0.02	1.15	0.00	-24.51	0.00	0.00	382.04
Sep-1998	6.3	0.53	0.1989	0.02	0.96	0.00	-18.30	0.00	0.00	381.09
Oct-1998	4.34	0.36	0.0351	0.00	0.86	0.00	-12.91	0.00	0.00	380.23
Nov-1998	2.4	0.20	1.1583	0.10	0.67	0.00	-3.73	0.00	0.00	379.56
Dec-1998	1.55	0.13	1.4079	0.12	0.57	0.00	-0.43	0.00	0.00	378.99
Jan-1999	1.55	0.13	1.6458	0.14	0.57	0.00	0.28	0.29	0.00	378.41
Feb-1999	2.52	0.21	0.8229	0.07	0.48	0.00	-5.09	0.16	0.00	377.93
Mar-1999	4.03	0.34	0.6201	0.05	0.57	0.00	-10.23	0.06	0.00	377.36
Apr-1999	5.7	0.48	3.2799	0.27	0.67	0.18	-7.45	0.03	0.00	376.69
May-1999	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.01	0.00	375.83
Jun-1999	8.7	0.73	0.4563	0.04	1.05	0.00	-24.73	0.00	0.00	374.78
Jul-1999	9.3	0.78	0.3588	0.03	1.15	0.00	-26.82	0.00	0.00	373.63
Aug-1999	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	372.48
Sep-1999	6.3	0.53	0.1365	0.01	0.96	0.00	-18.49	0.00	0.00	371.53
Oct-1999	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	370.67
Nov-1999	2.4	0.20	0	0.00	0.67	0.00	-7.20	0.00	0.00	370.00
Dec-1999	1.55	0.13	0.2067	0.02	0.57	0.00	-4.03	0.00	0.00	369.43
Jan-2000	1.55	0.13	0.741	0.06	0.57	0.00	-2.43	0.00	0.00	368.85
Feb-2000	2.52	0.21	4.1652	0.35	0.48	0.40	4.54	4.41	1.31	369.68
Mar-2000	4.03	0.34	1.4586	0.12	0.57	0.00	-7.71	3.12	0.00	369.11
Apr-2000	5.7	0.48	0.4563	0.04	0.67	0.00	-15.73	0.54	0.00	368.44
May-2000	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.08	0.00	367.58
Jun-2000	8.7	0.73	0.2067	0.02	1.05	0.00	-25.48	0.01	0.00	366.53
Jul-2000	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	365.38
Aug-2000	8.37	0.70	0.1287	0.01	1.15	0.00	-24.72	0.00	0.00	364.23
Sep-2000	6.3	0.53	0.2964	0.02	0.96	0.00	-18.01	0.00	0.00	363.28
Oct-2000	4.34	0.36	0.6396	0.05	0.86	0.00	-11.10	0.00	0.00	362.42
Nov-2000	2.4	0.20	0.3861	0.03	0.67	0.00	-6.04	0.00	0.00	361.75
Dec-2000	1.55	0.13	0.039	0.00	0.57	0.00	-4.53	0.00	0.00	361.18
Jan-2001	1.55	0.13	2.8977	0.24	0.57	0.12	3.92	3.92	0.00	360.60
Feb-2001	2.52	0.21	4.0833	0.34	0.48	0.37	4.32	6.84	13.88	374.00
Mar-2001	4.03	0.34	1.7472	0.15	0.57	0.01	-6.85	7.50	0.00	373.43
Apr-2001	5.7	0.48	1.443	0.12	0.67	0.00	-12.77	2.33	0.00	372.76
May-2001	7.75	0.65	0.0312	0.00	0.86	0.00	-23.16	0.38	0.00	371.90
Jun-2001	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.05	0.00	370.85
Jul-2001	9.3	0.78	0.1209	0.01	1.15	0.00	-27.54	0.01	0.00	369.70

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Aug-2001	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	368.55
Sep-2001	6.3	0.53	0.2379	0.02	0.96	0.00	-18.19	0.00	0.00	367.60
Oct-2001	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	366.74
Nov-2001	2.4	0.20	1.0998	0.09	0.67	0.00	-3.90	0.00	0.00	366.07
Dec-2001	1.55	0.13	1.0101	0.08	0.57	0.00	-1.62	0.00	0.00	365.50
Jan-2002	1.55	0.13	0.3978	0.03	0.57	0.00	-3.46	0.00	0.00	364.92
Feb-2002	2.52	0.21	0.1209	0.01	0.48	0.00	-7.20	0.00	0.00	364.44
Mar-2002	4.03	0.34	1.1115	0.09	0.57	0.00	-8.76	0.00	0.00	363.87
Apr-2002	5.7	0.48	0.3861	0.03	0.67	0.00	-15.94	0.00	0.00	363.20
May-2002	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.00	0.00	362.34
Jun-2002	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.00	0.00	361.29
Jul-2002	9.3	0.78	0.1872	0.02	1.15	0.00	-27.34	0.00	0.00	360.14
Aug-2002	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	358.99
Sep-2002	6.3	0.53	1.1544	0.10	0.96	0.00	-15.44	0.00	0.00	358.04
Oct-2002	4.34	0.36	0.0117	0.00	0.86	0.00	-12.98	0.00	0.00	357.18
Nov-2002	2.4	0.20	1.0257	0.09	0.67	0.00	-4.12	0.00	0.00	356.51
Dec-2002	1.55	0.13	1.8408	0.15	0.57	0.01	0.86	0.86	0.00	355.94
Jan-2003	1.55	0.13	0.1794	0.01	0.57	0.00	-4.11	0.53	0.00	355.36
Feb-2003	2.52	0.21	4.0482	0.34	0.48	0.36	4.22	4.62	1.35	356.23
Mar-2003	4.03	0.34	2.1723	0.18	0.57	0.03	-5.61	3.54	0.00	355.66
Apr-2003	5.7	0.48	1.5444	0.13	0.67	0.00	-12.47	0.88	0.00	354.99
May-2003	7.75	0.65	0.9009	0.08	0.86	0.00	-20.55	0.17	0.00	354.13
Jun-2003	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.02	0.00	353.07
Jul-2003	9.3	0.78	1.911	0.16	1.15	0.01	-22.18	0.00	0.00	351.93
Aug-2003	8.37	0.70	1.4742	0.12	1.15	0.00	-20.69	0.00	0.00	350.78
Sep-2003	6.3	0.53	0.3744	0.03	0.96	0.00	-17.78	0.00	0.00	349.82
Oct-2003	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	348.96
Nov-2003	2.4	0.20	0.5499	0.05	0.67	0.00	-5.55	0.00	0.00	348.29
Dec-2003	1.55	0.13	1.2519	0.10	0.57	0.00	-0.89	0.00	0.00	347.72
Jan-2004	1.55	0.13	0.6747	0.06	0.57	0.00	-2.63	0.00	0.00	347.15
Feb-2004	2.52	0.21	4.4109	0.37	0.48	0.48	5.20	4.83	3.64	350.31
Mar-2004	4.03	0.34	0.6552	0.05	0.57	0.00	-10.12	3.04	0.00	349.73
Apr-2004	5.7	0.48	1.3182	0.11	0.67	0.00	-13.15	0.65	0.00	349.07
May-2004	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.10	0.00	348.20
Jun-2004	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.01	0.00	347.15
Jul-2004	9.3	0.78	0.1404	0.01	1.15	0.00	-27.48	0.00	0.00	346.01
Aug-2004	8.37	0.70	0.0117	0.00	1.15	0.00	-25.07	0.00	0.00	344.86
Sep-2004	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	343.90
Oct-2004	4.34	0.36	8.5059	0.71	0.86	2.87	9.63	7.53	20.83	363.88
Nov-2004	2.4	0.20	1.0725	0.09	0.67	0.00	-3.98	5.96	0.00	363.21
Dec-2004	1.55	0.13	4.6956	0.39	0.57	0.58	8.85	10.25	48.77	386.92
Jan-2005	1.55	0.13	5.1207	0.43	0.57	0.76	9.95	10.25	123.93	386.92
Feb-2005	2.52	0.21	4.8477	0.40	0.48	0.64	6.34	10.25	78.45	386.92
Mar-2005	4.03	0.34	1.5834	0.13	0.57	0.00	-7.34	10.25	0.00	386.35
Apr-2005	5.7	0.48	0.5811	0.05	0.67	0.00	-15.36	2.77	0.00	385.68
May-2005	7.75	0.65	0.039	0.00	0.86	0.00	-23.13	0.47	0.00	384.82
Jun-2005	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.06	0.00	383.77

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Jul-2005	9.3	0.78	0.4641	0.04	1.15	0.00	-26.51	0.01	0.00	382.62
Aug-2005	8.37	0.70	2.5077	0.21	1.15	0.07	-17.65	0.00	0.00	381.47
Sep-2005	6.3	0.53	0.0117	0.00	0.96	0.00	-18.86	0.00	0.00	380.51
Oct-2005	4.34	0.36	0.6123	0.05	0.86	0.00	-11.18	0.00	0.00	379.65
Nov-2005	2.4	0.20	0.1092	0.01	0.67	0.00	-6.87	0.00	0.00	378.99
Dec-2005	1.55	0.13	0	0.00	0.57	0.00	-4.65	0.00	0.00	378.41
Jan-2006	1.55	0.13	0.975	0.08	0.57	0.00	-1.73	0.00	0.00	377.84
Feb-2006	2.52	0.21	1.287	0.11	0.48	0.00	-3.70	0.00	0.00	377.36
Mar-2006	4.03	0.34	3.3384	0.28	0.57	0.20	-2.27	0.00	0.00	376.79
Apr-2006	5.7	0.48	2.2308	0.19	0.67	0.04	-10.45	0.00	0.00	376.12
May-2006	7.75	0.65	0.2184	0.02	0.86	0.00	-22.59	0.00	0.00	375.26
Jun-2006	8.7	0.73	0.156	0.01	1.05	0.00	-25.63	0.00	0.00	374.21
Jul-2006	9.3	0.78	0.5187	0.04	1.15	0.00	-26.34	0.00	0.00	373.06
Aug-2006	8.37	0.70	0.0312	0.00	1.15	0.00	-25.02	0.00	0.00	371.91
Sep-2006	6.3	0.53	0.0702	0.01	0.96	0.00	-18.69	0.00	0.00	370.95
Oct-2006	4.34	0.36	0.3588	0.03	0.86	0.00	-11.94	0.00	0.00	370.09
Nov-2006	2.4	0.20	0.1677	0.01	0.67	0.00	-6.70	0.00	0.00	369.43
Dec-2006	1.55	0.13	1.1817	0.10	0.57	0.00	-1.10	0.00	0.00	368.85
Jan-2007	1.55	0.13	0.741	0.06	0.57	0.00	-2.43	0.00	0.00	368.28
Feb-2007	2.52	0.21	3.0537	0.25	0.48	0.15	1.46	1.46	0.00	367.80
Mar-2007	4.03	0.34	0.2184	0.02	0.57	0.00	-11.43	0.43	0.00	367.23
Apr-2007	5.7	0.48	0.7605	0.06	0.67	0.00	-14.82	0.13	0.00	366.56
May-2007	7.75	0.65	0.039	0.00	0.86	0.00	-23.13	0.02	0.00	365.70
Jun-2007	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.00	0.00	364.65
Jul-2007	9.3	0.78	0.1794	0.01	1.15	0.00	-27.36	0.00	0.00	363.50
Aug-2007	8.37	0.70	0.1287	0.01	1.15	0.00	-24.72	0.00	0.00	362.35
Sep-2007	6.3	0.53	0.0117	0.00	0.96	0.00	-18.86	0.00	0.00	361.39
Oct-2007	4.34	0.36	0.1677	0.01	0.86	0.00	-12.52	0.00	0.00	360.53
Nov-2007	2.4	0.20	0.3198	0.03	0.67	0.00	-6.24	0.00	0.00	359.87
Dec-2007	1.55	0.13	2.6559	0.22	0.57	0.09	3.23	3.23	0.00	359.29
Jan-2008	1.55	0.13	7.2228	0.60	0.57	1.94	15.07	10.25	90.91	386.92
Feb-2008	2.52	0.21	2.8548	0.24	0.48	0.11	0.89	10.25	10.85	386.92
Mar-2008	4.03	0.34	0.507	0.04	0.57	0.00	-10.57	10.25	0.00	386.35
Apr-2008	5.7	0.48	0	0.00	0.67	0.00	-17.10	2.41	0.00	385.68
May-2008	7.75	0.65	0.2574	0.02	0.86	0.00	-22.48	0.43	0.00	384.82
Jun-2008	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.06	0.00	383.77
Jul-2008	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.01	0.00	382.62
Aug-2008	8.37	0.70	1.3377	0.11	1.15	0.00	-21.10	0.00	0.00	381.47
Sep-2008	6.3	0.53	0	0.00	0.96	0.00	-18.90	0.00	0.00	380.51
Oct-2008	4.34	0.36	0	0.00	0.86	0.00	-13.02	0.00	0.00	379.65
Nov-2008	2.4	0.20	1.7862	0.15	0.67	0.01	-1.85	0.00	0.00	378.99
Dec-2008	1.55	0.13	6.1464	0.51	0.57	1.28	12.51	9.59	28.92	386.92
Jan-2009	1.55	0.13	0.1989	0.02	0.57	0.00	-4.05	7.45	0.00	386.35
Feb-2009	2.52	0.21	3.6621	0.31	0.48	0.26	3.17	9.47	11.31	386.92
Mar-2009	4.03	0.34	0.0897	0.01	0.57	0.00	-11.82	4.75	0.00	386.35
Apr-2009	5.7	0.48	0.2379	0.02	0.67	0.00	-16.39	0.97	0.00	385.68
May-2009	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.16	0.00	384.82

Jun-2009	8.7	0.73	0.0312	0.00	1.05	0.00	-26.01	0.02	0.00	383.77
Jul-2009	9.3	0.78	0	0.00	1.15	0.00	-27.90	0.00	0.00	382.62
Aug-2009	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	381.47
Sep-2009	6.3	0.53	0.0312	0.00	0.96	0.00	-18.81	0.00	0.00	380.51
Oct-2009	4.34	0.36	0.0312	0.00	0.86	0.00	-12.93	0.00	0.00	379.65
Nov-2009	2.4	0.20	0.6942	0.06	0.67	0.00	-5.12	0.00	0.00	378.99
Dec-2009	1.55	0.13	4.8204	0.40	0.57	0.63	9.18	7.46	17.07	386.92
Jan-2010	1.55	0.13	6.5403	0.55	0.57	1.51	13.46	10.25	127.70	386.92
Feb-2010	2.52	0.21	5.0817	0.42	0.48	0.74	6.94	10.25	85.90	386.92
Mar-2010	4.03	0.34	1.3572	0.11	0.57	0.00	-8.02	10.25	0.00	386.35
Apr-2010	5.7	0.48	2.3361	0.19	0.67	0.05	-10.14	4.19	0.00	385.68
May-2010	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.69	0.00	384.82
Jun-2010	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.09	0.00	383.77
Jul-2010	9.3	0.78	0.0702	0.01	1.15	0.00	-27.69	0.01	0.00	382.62
Aug-2010	8.37	0.70	0	0.00	1.15	0.00	-25.11	0.00	0.00	381.47
Sep-2010	6.3	0.53	0.078	0.01	0.96	0.00	-18.67	0.00	0.00	380.51
Oct-2010	4.34	0.36	3.198	0.27	0.86	0.17	-3.60	0.00	0.00	379.65
Nov-2010	2.4	0.20	1.1778	0.10	0.67	0.00	-3.67	0.00	0.00	378.99
Dec-2010	1.55	0.13	8.1471	0.68	0.57	2.60	17.19	10.25	76.57	386.92
Jan-2011	1.55	0.13	0.2379	0.02	0.57	0.00	-3.94	10.25	0.00	386.35
Feb-2011	2.52	0.21	4.8867	0.41	0.48	0.66	6.44	10.25	79.69	386.92
Mar-2011	4.03	0.34	1.6302	0.14	0.57	0.00	-7.20	10.25	0.00	386.35
Apr-2011	5.7	0.48	0.3861	0.03	0.67	0.00	-15.94	2.64	0.00	385.68
May-2011	7.75	0.65	0.7137	0.06	0.86	0.00	-21.11	0.52	0.00	384.82
Jun-2011	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.07	0.00	383.77
Jul-2011	9.3	0.78	0.2184	0.02	1.15	0.00	-27.24	0.01	0.00	382.62
Aug-2011	8.37	0.70	1.2675	0.11	1.15	0.00	-21.31	0.00	0.00	381.47
Sep-2011	6.3	0.53	0.2184	0.02	0.96	0.00	-18.24	0.00	0.00	380.51
Oct-2011	4.34	0.36	0.6357	0.05	0.86	0.00	-11.11	0.00	0.00	379.65
Nov-2011	2.4	0.20	3.3618	0.28	0.67	0.20	2.69	2.69	0.00	378.99
Dec-2011	1.55	0.13	1.6068	0.13	0.57	0.00	0.17	2.85	0.00	378.41
Jan-2012	1.55	0.13	0.7254	0.06	0.57	0.00	-2.47	3.02	0.00	377.84
Feb-2012	2.52	0.21	1.9968	0.17	0.48	0.02	-1.59	2.41	0.00	377.36
Mar-2012	4.03	0.34	2.8587	0.24	0.57	0.11	-3.63	1.50	0.00	376.79
Apr-2012	5.7	0.48	2.8275	0.24	0.67	0.11	-8.73	0.60	0.00	376.12
May-2012	7.75	0.65	0	0.00	0.86	0.00	-23.25	0.09	0.00	375.26
Jun-2012	8.7	0.73	0	0.00	1.05	0.00	-26.10	0.01	0.00	374.21

APPENDIX D

Well Testing Data

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well 1

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
8/22/2012 14:00	49.15	240	190.85	3554.85	3604	49.15
8/22/2012 18:41	49.15		190.85	3554.85		49.15
10/2/2012 17:15	49.35		190.65	3554.65		49.35
10/16/2012 9:35	49.46		190.54	3554.54		49.46
10/16/2012 9:37	49.46		190.54	3554.54		49.46
10/16/2012 9:39	49.46		190.54	3554.54		49.46
10/16/2012 9:41	49.46		190.54	3554.54		49.46
10/16/2012 9:43	49.46		190.54	3554.54		49.46
10/16/2012 9:45	49.46		190.54	3554.54		49.46
10/16/2012 9:47	49.46		190.54	3554.54		49.46
10/16/2012 9:57	49.46		190.54	3554.54		49.46
10/16/2012 10:07	49.46		190.54	3554.54		49.46
10/16/2012 10:17	49.47		190.53	3554.53		49.47
10/16/2012 10:27	49.46		190.54	3554.54		49.46
10/16/2012 10:37	49.46		190.54	3554.54		49.46
10/16/2012 10:47	49.46		190.54	3554.54		49.46
10/16/2012 11:26	49.45		190.55	3554.55		49.45
10/16/2012 11:55	49.45		190.55	3554.55		49.45
10/16/2012 13:08	49.44		190.56	3554.56		49.44
10/16/2012 13:37	49.44		190.56	3554.56		49.44
10/16/2012 14:09	49.42		190.58	3554.58		49.42
10/16/2012 14:39	49.41		190.59	3554.59		49.41
10/16/2012 15:11	49.40		190.6	3554.60		49.40
10/16/2012 15:49	49.40		190.6	3554.60		49.40
10/16/2012 16:32	49.39		190.61	3554.61		49.39
10/16/2012 17:04	49.38		190.62	3554.62		49.38
10/16/2012 17:45	49.37		190.63	3554.63		49.37
10/17/2012 17:14	49.40		190.6	3554.60		49.40
10/22/2012 10:48	49.51		190.49	3554.49		49.51
10/22/2012 16:09	49.46		190.54	3554.54		49.46
10/23/2012 9:41	49.50		190.5	3554.50		49.50
10/24/2012 9:38	49.51		190.49	3554.49		49.51
10/25/2012 10:39	49.53		190.47	3554.47		49.53
10/25/2012 13:07	49.54		190.46	3554.46		49.54
11/6/2012 14:42	49.50		190.5	3554.50		49.50
11/24/2012 14:03	49.64		190.36	3554.36		49.64

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well 3

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Comment	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
8/22/2012 13:27	79.79	190	110.21	Used sounder No. 3	3649.21	3729	79.79
8/22/2012 18:56	79.77		110.23	Used sounder No. 1	3649.23		79.77
10/2/2012 17:33	80.00		110	Used sounder No. 3	3649		80
10/16/2012 8:07	80.00		110	Used sounder No. 3	3649		80
10/16/2012 11:06	80.07		109.93	Used sounder No. 3	3648.93		80.07
10/16/2012 11:38	80.03		109.97		3648.97		80.03
10/16/2012 12:01	80.01		109.99		3648.99		80.01
10/16/2012 13:17	80.02		109.98		3648.98		80.02
10/16/2012 13:43	80.03		109.97		3648.97		80.03
10/16/2012 14:15	80.02		109.98		3648.98		80.02
10/16/2012 14:44	80.02		109.98		3648.98		80.02
10/16/2012 15:23	80.02		109.98		3648.98		80.02
10/16/2012 15:55	80.01		109.99		3648.99		80.01
10/16/2012 16:42	79.99		110.01		3649.01		79.99
10/16/2012 17:08	79.99		110.01		3649.01		79.99
10/16/2012 17:55	79.98		110.02		3649.02		79.98
10/17/2012 17:31	80.02		109.98	Used sounder No. 3	3648.98		80.02
10/17/2012 16:03	80.1		109.9		3648.9		80.1
10/22/2012 10:34	80.14		109.86		3648.86		80.14
10/22/2012 16:03	80.1		109.9		3648.9		80.1
10/23/2012 10:03	80.16		109.84		3648.84		80.16
10/24/2012 9:46	80.18		109.82		3648.82		80.18
10/25/2012 10:26	80.2		109.8		3648.8		80.2
10/25/2012 13:29	80.23		109.77		3648.77		80.23
11/6/2012 14:00	80.3		109.7		3648.7		80.3
11/24/2012 13:41	80.34		109.66		3648.66		80.34

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well 4

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Depth To Water Measurement	Comment	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
8/22/2012 11:44	9.3	25	15.7		Used sounder No. 3	3576.7	3586	9.3
8/22/2012 18:37	9.32		15.68		Used sounder No. 3	3576.68		9.32
10/2/2012 16:43	9.56		15.44			3576.44		9.56
10/16/2012 8:21	9.49		15.51			3576.51		9.49
10/16/2012 14:03	9.52		15.48			3576.48		9.52
10/16/2012 14:32	9.52		15.48			3576.48		9.52
10/16/2012 15:04	9.52		15.48			3576.48		9.52
10/16/2012 15:43	9.52		15.48			3576.48		9.52
10/16/2012 16:26	9.51		15.49			3576.49		9.51
10/16/2012 16:58	9.51		15.49			3576.49		9.51
10/17/2012 17:01	9.53		15.47		Used sounder No. 3	3576.47		9.53
10/22/2012 10:30	9.59		15.41			3576.41		9.59
10/23/2012 10:17	9.55		15.45			3576.45		9.55
10/24/2012 10:10	9.54		15.46			3576.46		9.54
10/25/2012 10:55	9.56		15.44			3576.44		9.56
10/25/2012 13:49	9.59		15.41			3576.41		9.59
11/6/2012 15:08	9.7		15.3			3576.3		9.7
11/24/2012 15:09	9.65		15.35			3576.35		9.65

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well 5

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Comments	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
10/23/2012 10:07	41.7	70		3623.3	3665	41.7
10/24/2012 9:52	41.71			3623.29		41.71
10/25/2012 10:22	41.71			3623.29		41.71
10/25/2012 13:39	41.7			3623.3		41.7
10/17/2012 15:14	41.6		At time when shown well by J.Brown	3623.4		41.6
10/22/2012 9:38	41.66		When transducer set; recorded in field notebook	3623.34		41.66
10/22/2012 17:37	41.65			3623.35		41.65
11/6/2012 13:38	41.9			3623.1		41.9
11/24/2012 13:34	41.93			3623.07		41.93

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well A

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Depth To Water Measurement	Comments	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
8/22/2012 11:04	48.66	95	46.34			3631.34	3680	48.66
8/22/2012 19:01	48.65		46.35			3631.35		48.65
10/2/2012 16:23	49.1		45.9			3630.9		49.1
10/16/2012 8:00	49.25		45.75		Used Sounder No. 3	3630.75		49.25
10/16/2012 11:15	49.28		45.72		Used Sounder No. 1	3630.72		49.28
10/16/2012 11:17	49.24		45.76		Used Sounder No. 3	3630.76		49.24
10/16/2012 11:46	49.24		45.76		Used Sounder No. 3	3630.76		49.24
10/16/2012 12:13	49.23		45.77		Used Sounder No. 3	3630.77		49.23
10/16/2012 13:29	49.22		45.78		Used Sounder No. 3	3630.78		49.22
10/16/2012 13:52	49.22		45.78		Used Sounder No. 3	3630.78		49.22
10/16/2012 14:24	49.22		45.78		Used Sounder No. 3	3630.78		49.22
10/16/2012 14:55	49.23		45.77		Used Sounder No. 3	3630.77		49.23
10/16/2012 15:33	49.23		45.77			3630.77		49.23
10/16/2012 16:11	49.22		45.78			3630.78		49.22
10/16/2012 16:51	49.23		45.77			3630.77		49.23
10/16/2012 17:30	49.23		45.77			3630.77		49.23
10/17/2012 16:42	49.28		45.72		Used Sounder No. 3	3630.72		49.28
10/22/2012 10:10	49.35		45.65			3630.65		49.35
10/23/2012 10:10	49.34		45.66			3630.66		49.34
10/14/2012 10:01	49.34		45.66			3630.66		49.34
10/25/2012 10:46	49.35		45.65			3630.65		49.35
10/25/2012 13:45	49.35		45.65			3630.65		49.35
11/6/2012 15:18	49.5		45.5			3630.5		49.5
11/24/2012 15:25	49.63		45.37			3630.37		49.63

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer
8/22/2012 17:34	42.43	794	751.57
10/2/2012 16:59	42.78		751.22
10/9/2012 14:13	42.89		751.11
10/9/2012 17:22	171		
10/16/2012 8:30:00	49.35		
10/16/2012 8:45:00	49.36		
10/16/2012 9:00:00	49.30		
10/16/2012 9:14:00	49.30		
10/16/2012 9:16:00	49.29		
10/16/2012 9:17:00			
10/16/2012 9:18:40	60.00		
10/16/2012 9:18:57	62.00		
10/16/2012 9:19:05	63.00		
10/16/2012 9:19:15	64.00		
10/16/2012 9:19:23	65.00		
10/16/2012 9:19:33	66.00		
10/16/2012 9:19:43	67.00		
10/16/2012 9:19:53	68.00		
10/16/2012 9:20:14	70.00		
10/16/2012 9:20:27	71.00		
10/16/2012 9:20:37	72.00		
10/16/2012 9:20:49	73.00		
10/16/2012 9:21:01	74.00		
10/16/2012 9:21:12	75.00		
10/16/2012 9:21:25	76.00		
10/16/2012 9:21:38	77.00		
10/16/2012 9:21:51	78.00		
10/16/2012 9:22:06	79.00		
10/16/2012 9:22:22	80.00		
10/16/2012 9:22:33	81.00		
10/16/2012 9:22:48	82.00		
10/16/2012 9:23:03	83.00		
10/16/2012 9:23:20	84.00		
10/16/2012 9:23:36	85.00		
10/16/2012 9:23:53	86.00		
10/16/2012 9:24:09	87.00		
10/16/2012 9:24:28	88.00		
10/16/2012 9:24:49	89.00		
10/16/2012 9:25:09	90.00		
10/16/2012 9:25:30	91.00		
10/16/2012 9:25:51	92.00		
10/16/2012 9:26:13	93.00		
10/16/2012 9:26:38	94.00		

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/16/2012 9:27:00	95.00
10/16/2012 9:27:28	96.00
10/16/2012 9:27:50	97.00
10/16/2012 9:28:16	98.00
10/16/2012 9:28:43	99.00
10/16/2012 9:29:10	100.00
10/16/2012 9:29:38	101.00
10/16/2012 9:30:07	102.00
10/16/2012 9:30:34	103.00
10/16/2012 9:31:08	104.00
10/16/2012 9:31:42	105.00
10/16/2012 9:32:08	106.00
10/16/2012 9:32:48	107.00
10/16/2012 9:34:59	109.00
10/16/2012 9:35:18	111.00
10/16/2012 9:36:00	112.00
10/16/2012 9:36:39	113.00
10/16/2012 9:37:32	114.00
10/16/2012 9:38:14	115.00
10/16/2012 9:39:10	116.00
10/16/2012 9:40:01	117.00
10/16/2012 9:41:08	118.00
10/16/2012 9:42:13	119.00
10/16/2012 9:43:17	120.00
10/16/2012 9:44:00	
10/16/2012 9:46:40	123.00
10/16/2012 9:47:53	124.00
10/16/2012 9:50:28	126.00
10/16/2012 9:53:25	128.00
10/16/2012 9:56:36	130.00
10/16/2012 10:01:04	132.00
10/16/2012 10:06:38	134.00
10/16/2012 10:07:00	
10/16/2012 10:11:45	136.00
10/16/2012 10:18:27	138.00
10/16/2012 10:28:34	140.00
10/16/2012 10:43:15	142.00
10/16/2012 10:48:00	
10/16/2012 11:05:21	144.00
10/16/2012 11:12:00	
10/16/2012 11:17:40	144.45
10/16/2012 11:27:30	144.80
10/16/2012 11:28:00	
10/16/2012 11:37:20	145.20
10/16/2012 11:49:15	145.68
10/16/2012 12:00:02	146.09
10/16/2012 12:07:00	

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/16/2012 12:09:40	146.51
10/16/2012 12:19:30	146.81
10/16/2012 12:30:20	147.25
10/16/2012 12:40:00	147.55
10/16/2012 12:45:00	
10/16/2012 12:51:15	147.87
10/16/2012 13:01:20	148.04
10/16/2012 13:11:00	148.13
10/16/2012 13:15:15	148.17
10/16/2012 13:17:00	
10/16/2012 13:19:13	151.51
10/16/2012 13:19:30	152.00
10/16/2012 13:19:55	152.50
10/16/2012 13:20:07	153.00
10/16/2012 13:20:30	153.50
10/16/2012 13:20:50	154.00
10/16/2012 13:21:11	154.50
10/16/2012 13:21:35	155.00
10/16/2012 13:22:02	155.50
10/16/2012 13:22:24	156.00
10/16/2012 13:22:53	156.50
10/16/2012 13:23:20	157.00
10/16/2012 13:23:38	157.50
10/16/2012 13:23:55	158.00
10/16/2012 13:24:10	159.00
10/16/2012 13:24:18	160.00
10/16/2012 13:24:24	161.00
10/16/2012 13:24:30	162.00
10/16/2012 13:24:38	163.00
10/16/2012 13:24:50	165.00
10/16/2012 13:24:59	166.00
10/16/2012 13:25:04	167.00
10/16/2012 13:25:10	168.00
10/16/2012 13:25:20	169.00
10/16/2012 13:25:26	170.00
10/16/2012 13:25:33	171.00
10/16/2012 13:25:40	172.00
10/16/2012 13:25:50	173.00
10/16/2012 13:25:58	174.00
10/16/2012 13:26:05	175.00
10/16/2012 13:26:13	176.00
10/16/2012 13:26:23	177.00
10/16/2012 13:26:30	178.00
10/16/2012 13:26:40	179.00
10/16/2012 13:26:48	180.00
10/16/2012 13:26:57	181.00
10/16/2012 13:27:06	182.00

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/16/2012 13:27:16	183.00
10/16/2012 13:27:26	184.00
10/16/2012 13:27:37	185.00
10/16/2012 13:27:46	186.00
10/16/2012 13:27:57	187.00
10/16/2012 13:28:08	188.00
10/16/2012 13:28:17	189.00
10/16/2012 13:28:28	190.00
10/16/2012 13:28:39	191.00
10/16/2012 13:28:50	192.00
10/16/2012 13:29:01	193.00
10/16/2012 13:29:12	194.00
10/16/2012 13:29:24	195.00
10/16/2012 13:29:37	196.00
10/16/2012 13:29:49	197.00
10/16/2012 13:29:59	198.00
10/16/2012 13:30:12	199.00
10/16/2012 13:30:24	200.00
10/16/2012 13:30:36	201.00
10/16/2012 13:30:50	202.00
10/16/2012 13:31:04	203.00
10/16/2012 13:31:17	204.00
10/16/2012 13:31:33	205.00
10/16/2012 13:31:46	206.00
10/16/2012 13:32:00	207.00
10/16/2012 13:32:15	208.00
10/16/2012 13:32:29	209.00
10/16/2012 13:32:44	210.00
10/16/2012 13:33:00	211.00
10/16/2012 13:33:15	212.00
10/16/2012 13:33:31	213.00
10/16/2012 13:33:45	214.00
10/16/2012 13:34:01	215.00
10/16/2012 13:34:17	216.00
10/16/2012 13:34:33	217.00
10/16/2012 13:34:49	218.00
10/16/2012 13:35:05	219.00
10/16/2012 13:35:23	220.00
10/16/2012 13:35:37	221.00
10/16/2012 13:35:51	222.00
10/16/2012 13:36:06	223.00
10/16/2012 13:36:21	224.00
10/16/2012 13:36:38	225.00
10/16/2012 13:36:54	226.00
10/16/2012 13:37:10	227.00
10/16/2012 13:37:27	228.00
10/16/2012 13:37:44	229.00

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/16/2012 13:38:01	230.00
10/16/2012 13:38:20	231.00
10/16/2012 13:38:38	232.00
10/16/2012 13:38:57	233.00
10/16/2012 13:39:17	234.00
10/16/2012 13:39:37	235.00
10/16/2012 13:39:57	236.00
10/16/2012 13:40:17	237.00
10/16/2012 13:40:42	238.00
10/16/2012 13:41:04	239.00
10/16/2012 13:41:29	240.00
10/16/2012 13:41:54	241.00
10/16/2012 13:42:16	242.00
10/16/2012 13:42:38	243.00
10/16/2012 13:43:05	244.00
10/16/2012 13:44:56	246.00
10/16/2012 13:45:45	248.00
10/16/2012 13:46:09	251.00
10/16/2012 13:47:04	253.00
10/16/2012 13:47:56	255.00
10/16/2012 13:48:55	257.00
10/16/2012 13:49:58	259.00
10/16/2012 13:51:07	261.00
10/16/2012 13:52:09	263.00
10/16/2012 13:53:17	265.00
10/16/2012 13:54:31	267.00
10/16/2012 13:55:38	269.00
10/16/2012 13:56:54	271.00
10/16/2012 13:58:09	273.00
10/16/2012 13:59:25	275.00
10/16/2012 14:00:38	277.00
10/16/2012 14:02:07	279.00
10/16/2012 14:03:33	281.00
10/16/2012 14:05:01	283.00
10/16/2012 14:06:37	285.00
10/16/2012 14:08:18	287.00
10/16/2012 14:10:02	289.00
10/16/2012 14:11:50	291.00
10/16/2012 14:13:55	293.00
10/16/2012 14:15:56	295.00
10/16/2012 14:18:54	298.00
10/16/2012 14:21:08	300.00
10/16/2012 14:23:31	302.00
10/16/2012 14:24:00	
10/16/2012 14:25:53	304.00
10/16/2012 14:28:30	306.00
10/16/2012 14:31:11	308.00

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/16/2012 14:34:19	310.00
10/16/2012 14:37:35	312.00
10/16/2012 14:38:00	
10/16/2012 14:43:28	314.00
10/16/2012 14:45:56	315.00
10/16/2012 14:50:05	318.00
10/16/2012 14:51:52	319.00
10/16/2012 14:53:57	321.00
10/16/2012 14:56:43	323.00
10/16/2012 14:59:48	325.00
10/16/2012 15:05:56	331.00
10/16/2012 15:08:33	333.00
10/16/2012 15:11:44	335.00
10/16/2012 15:15:24	337.00
10/16/2012 15:19:34	339.00
10/16/2012 15:20:00	
10/16/2012 15:25:07	342.00
10/16/2012 15:29:32	344.00
10/16/2012 15:34:15	346.00
10/16/2012 15:40:03	348.00
10/16/2012 15:48:04	350.00
10/16/2012 15:54:05	352.00
10/16/2012 15:59:15	355.00
10/16/2012 16:04:16	357.00
10/16/2012 16:14:30	358.65
10/16/2012 16:23:28	360.30
10/16/2012 16:33:18	362.00
10/16/2012 16:43:30	363.20
10/16/2012 16:53:59	364.10
10/16/2012 17:02:01	364.50
10/16/2012 17:11:08	365.24
10/16/2012 17:15:30	365.77
10/16/2012 17:17:00	
10/16/2012 17:18:06	369.00
10/16/2012 17:18:11	370.00
10/16/2012 17:18:18	371.00
10/16/2012 17:18:25	372.00
10/16/2012 17:18:31	373.00
10/16/2012 17:18:39	374.00
10/16/2012 17:18:47	375.00
10/16/2012 17:18:54	376.00
10/16/2012 17:19:02	377.00
10/16/2012 17:19:10	378.00
10/16/2012 17:19:18	379.00
10/16/2012 17:19:28	380.00
10/16/2012 17:19:34	381.00
10/16/2012 17:19:43	382.00

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/16/2012 17:19:52	383.00
10/16/2012 17:20:00	384.00
10/16/2012 17:20:09	385.00
10/16/2012 17:20:19	386.00
10/16/2012 17:20:29	387.00
10/16/2012 17:20:38	388.00
10/16/2012 17:20:49	389.00
10/16/2012 17:21:00	390.00
10/16/2012 17:21:11	391.00
10/16/2012 17:21:20	392.00
10/16/2012 17:21:31	393.00
10/16/2012 17:21:42	394.00
10/16/2012 17:21:53	395.00
10/16/2012 17:22:03	396.00
10/16/2012 17:22:14	397.00
10/16/2012 17:22:28	398.00
10/16/2012 17:22:36	399.00
10/16/2012 17:22:47	400.00
10/16/2012 17:23:01	401.00
10/16/2012 17:23:11	402.00
10/16/2012 17:23:24	403.00
10/16/2012 17:23:35	404.00
10/16/2012 17:23:47	405.00
10/16/2012 17:23:58	406.00
10/16/2012 17:24:11	407.00
10/16/2012 17:24:24	408.00
10/16/2012 17:24:36	409.00
10/16/2012 17:24:49	410.00
10/16/2012 17:25:01	411.00
10/16/2012 17:25:14	412.00
10/16/2012 17:25:28	413.00
10/16/2012 17:25:39	414.00
10/16/2012 17:25:52	415.00
10/16/2012 17:26:09	416.00
10/16/2012 17:26:19	417.00
10/16/2012 17:26:34	418.00
10/16/2012 17:26:47	419.00
10/16/2012 17:27:02	420.00
10/16/2012 17:27:15	421.00
10/16/2012 17:27:30	422.00
10/16/2012 17:27:46	423.00
10/16/2012 17:27:58	424.00
10/16/2012 17:28:12	425.00
10/16/2012 17:28:28	426.00
10/16/2012 17:28:46	427.00
10/16/2012 17:29:15	428.00
10/16/2012 17:29:45	431.00

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/16/2012 17:29:55	432.00
10/16/2012 17:30:06	433.00
10/16/2012 17:30:27	435.00
10/16/2012 17:30:46	437.00
10/16/2012 17:31:08	439.00
10/16/2012 17:31:33	441.00
10/16/2012 17:32:00	443.00
10/16/2012 17:32:24	445.00
10/16/2012 17:32:50	447.00
10/16/2012 17:33:17	448.00
10/16/2012 17:33:43	451.00
10/16/2012 17:34:10	453.00
10/16/2012 17:34:45	455.00
10/16/2012 17:35:56	460.00
10/16/2012 17:36:43	463.00
10/16/2012 17:37:22	465.00
10/16/2012 17:38:23	467.00
10/16/2012 17:39:15	469.00
10/16/2012 17:40:06	471.00
10/16/2012 17:40:50	473.00
10/16/2012 17:41:45	475.00
10/16/2012 17:42:20	477.00
10/16/2012 18:00:00	
10/16/2012 18:06:00	
10/16/2012 18:09:31	
10/16/2012 18:12:30	
10/16/2012 18:14:15	
10/16/2012 18:18:12	546.71
10/16/2012 18:18:37	547.00
10/16/2012 18:19:57	548.00
10/16/2012 18:21:20	549.00
10/16/2012 18:22:48	550.00
10/16/2012 18:25:04	551.00
10/16/2012 18:28:36	552.00
10/16/2012 18:30:32	553.00
10/16/2012 18:32:10	554.00
10/16/2012 18:41:50	555.00
10/16/2012 18:44:50	556.00
10/16/2012 18:47:30	557.00
10/16/2012 18:50:20	558.00
10/16/2012 18:53:30	559.00
10/16/2012 18:55:48	560.00
10/16/2012 18:59:00	561.00
10/16/2012 19:07:48	562.00
10/16/2012 19:13:10	563.00
10/16/2012 19:16:13	564.00
10/16/2012 19:42:30	

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/16/2012 19:50:45	
10/16/2012 19:52:00	500.85
10/16/2012 19:52:45	501.00
10/16/2012 19:54:30	502.00
10/16/2012 20:00:04	502.30
10/16/2012 20:07:18	502.45
10/16/2012 20:11:00	
10/16/2012 20:17:11	503.35
10/16/2012 20:20:50	504.21
10/16/2012 20:29:38	505.80
10/16/2012 20:31:09	506.00
10/16/2012 20:35:30	507.00
10/16/2012 20:43:45	506.50
10/16/2012 20:50:25	506.00
10/16/2012 20:57:50	505.90
10/16/2012 21:05:57	505.60
10/16/2012 21:11:24	506.80
10/16/2012 21:14:00	507.00
10/16/2012 21:18:14	507.20
10/16/2012 21:19:00	
10/16/2012 21:20:15	476.00
10/16/2012 21:23:00	423.00
10/16/2012 21:23:49	406.00
10/16/2012 21:24:37	394.00
10/16/2012 21:25:00	386.00
10/16/2012 21:25:45	376.00
10/16/2012 21:26:50	360.00
10/16/2012 21:27:40	350.00
10/16/2012 21:29:09	330.00
10/16/2012 21:31:40	300.00
10/16/2012 21:36:30	250.00
10/16/2012 21:42:27	200.00
10/16/2012 21:51:00	150.00
10/17/2012 17:49:00	59.71
10/22/2012 10:55:00	49.97
10/22/2012 11:53:20	49.91
10/22/2012 11:59:26	49.92
10/22/2012 12:00:00	
10/22/2012 12:00:18	
10/22/2012 12:00:41	
10/22/2012 12:00:55	70
10/22/2012 12:01:07	75
10/22/2012 12:01:13	77
10/22/2012 12:01:19	79
10/22/2012 12:01:21	81
10/22/2012 12:01:29	83
10/22/2012 12:01:35	85

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/22/2012 12:01:40	87
10/22/2012 12:01:46	89
10/22/2012 12:01:52	91
10/22/2012 12:01:58	93
10/22/2012 12:02:06	95
10/22/2012 12:02:12	97
10/22/2012 12:02:19	99
10/22/2012 12:02:25	101
10/22/2012 12:02:32	103
10/22/2012 12:02:38	105
10/22/2012 12:02:46	107
10/22/2012 12:02:53	109
10/22/2012 12:03:00	111
10/22/2012 12:03:08	113
10/22/2012 12:03:16	115
10/22/2012 12:03:24	117
10/22/2012 12:03:35	119
10/22/2012 12:03:43	121
10/22/2012 12:03:48	123
10/22/2012 12:03:54	125
10/22/2012 12:04:04	127
10/22/2012 12:04:15	129
10/22/2012 12:04:22	131
10/22/2012 12:04:30	133
10/22/2012 12:04:41	135
10/22/2012 12:04:48	137
10/22/2012 12:05:00	139
10/22/2012 12:05:08	141
10/22/2012 12:05:17	143
10/22/2012 12:05:26	145
10/22/2012 12:05:38	147
10/22/2012 12:05:48	149
10/22/2012 12:05:57	151
10/22/2012 12:06:08	153
10/22/2012 12:06:16	155
10/22/2012 12:06:28	157
10/22/2012 12:06:37	159
10/22/2012 12:06:48	161
10/22/2012 12:07:01	163
10/22/2012 12:07:09	165
10/22/2012 12:07:23	167
10/22/2012 12:07:32	169
10/22/2012 12:07:46	171
10/22/2012 12:07:57	173
10/22/2012 12:08:09	175
10/22/2012 12:08:18	177
10/22/2012 12:08:30	179

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/22/2012 12:08:41	181
10/22/2012 12:08:58	183
10/22/2012 12:09:07	185
10/22/2012 12:09:20	187
10/22/2012 12:09:31	189
10/22/2012 12:09:47	191
10/22/2012 12:09:57	193
10/22/2012 12:10:15	195
10/22/2012 12:10:45	200
10/22/2012 12:11:20	205
10/22/2012 12:11:58	210
10/22/2012 12:12:39	215
10/22/2012 12:13:12	220
10/22/2012 12:13:52	225
10/22/2012 12:14:34	230
10/22/2012 12:15:18	235
10/22/2012 12:16:03	240
10/22/2012 12:16:51	245
10/22/2012 12:17:38	250
10/22/2012 12:18:28	255
10/22/2012 12:19:20	260
10/22/2012 12:20:12	265
10/22/2012 12:21:06	270
10/22/2012 12:22:05	275
10/22/2012 12:23:02	280
10/22/2012 12:24:04	285
10/22/2012 12:25:11	290
10/22/2012 12:26:19	295
10/22/2012 12:27:31	300
10/22/2012 12:28:44	305
10/22/2012 12:30:07	310
10/22/2012 12:31:34	315
10/22/2012 12:33:08	320
10/22/2012 12:34:51	325
10/22/2012 12:36:34	330
10/22/2012 12:38:28	335
10/22/2012 12:40:34	340
10/22/2012 12:42:30	345
10/22/2012 12:44:42	350
10/22/2012 12:47:36	355
10/22/2012 12:50:36	360
10/22/2012 12:53:54	365
10/22/2012 12:57:59	370
10/22/2012 13:02:50	375
10/22/2012 13:08:41	380
10/22/2012 13:15:37	385
10/22/2012 13:23:15	390

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/22/2012 13:34:00	395
10/22/2012 13:46:54	400
10/22/2012 13:53:00	
10/22/2012 13:59:57	404
10/22/2012 14:10:16	405.7
10/22/2012 14:19:59	407.2
10/22/2012 14:28:47	408.5
10/22/2012 14:34:12	
10/22/2012 14:36:58	
10/22/2012 14:38:29	409.5
10/22/2012 14:48:45	410.8
10/22/2012 15:06:44	413.4
10/22/2012 15:09:00	
10/22/2012 15:18:00	
10/22/2012 15:24:00	416.58
10/22/2012 15:49:15	421
10/22/2012 16:04:39	423.4
10/22/2012 16:18:53	426.3
10/22/2012 16:28:40	427.7
10/22/2012 16:37:21	428.8
10/22/2012 16:46:32	430.1
10/22/2012 17:09:05	431.5
10/23/2012 9:23:13	
10/23/2012 9:34:27	467
10/23/2012 10:27:10	468.5
10/23/2012 11:30:00	
10/24/2012 9:25:40	
10/24/2012 9:31:30	493.2
10/24/2012 10:25:45	494.15
10/24/2012 10:30:00	
10/24/2012 11:00:00	
10/24/2012 11:13:00	495.4
10/25/2012 11:02:53	
10/25/2012 11:14:00	506.3
10/25/2012 11:36:45	506.5
10/25/2012 11:49:50	506.7
10/25/2012 11:56:00	506.75
10/25/2012 12:00:00	
10/25/2012 12:02:50	450
10/25/2012 12:04:05	430
10/25/2012 12:04:46	420
10/25/2012 12:05:28	410
10/25/2012 12:06:13	400
10/25/2012 12:07:00	390
10/25/2012 12:07:48	380
10/25/2012 12:08:40	370
10/25/2012 12:09:30	360

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well B

10/25/2012 12:10:23	350
10/25/2012 12:11:17	340
10/25/2012 12:12:14	330
10/25/2012 12:13:15	320
10/25/2012 12:14:16	310
10/25/2012 12:15:20	300
10/25/2012 12:16:27	290
10/25/2012 12:17:37	280
10/25/2012 12:18:52	270
10/25/2012 12:20:10	260
10/25/2012 12:21:33	250
10/25/2012 12:23:02	240
10/25/2012 12:24:36	230
10/25/2012 12:26:20	220
10/25/2012 12:28:11	210
10/25/2012 12:30:16	200
10/25/2012 12:32:45	190
10/25/2012 12:35:38	180
10/25/2012 12:39:15	170
10/25/2012 12:44:55	160
10/25/2012 12:54:22	150
11/6/2012 14:55:00	52.09
11/24/2012 14:45:00	48.8

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well GR-1

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
9/21/2012 13:15	67	115	48.00	3537.00	3604	67.00

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well GS-1

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
10/4/2012 16:55	39.7	99	59.30	3574.30	3614	39.70
10/9/2012 11:57	39.9		59.10	3574.10		39.90
11/6/12 13:10	39.7		59.30	3574.30		39.70

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well GS-2

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
10/4/2012 20:41	41.7	299	257.30	3564.30	3606	41.70
10/9/2012 12:08	42.96		256.04	3563.04		42.96
11/6/2012 13:18	39.5		259.50	3566.50		39.50

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well LK-1

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
9/13/2012 13:01	32.16	100	67.84	3571.84	3604	32.16
9/13/2012 17:30	32.6		67.4	3571.4		32.6
9/18/2012 12:57	32.64		67.36	3571.36		32.64
10/25/2012 15:02	33.3		66.7	3570.7		33.3
11/6/2012 10:26	33.5		66.5	3570.5		33.5

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well RM-1

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Notes	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
9/7/2012 13:17	21.61	50	28.39		3528.39	3550	21.61
9/7/2012 16:07	22.15		27.85		3527.85		22.15
10/17/2012 16:03	26.6		23.4	Well pump had just turned off	3523.4		26.6
11/6/2012 11:33	22.62		27.38		3527.38		22.62

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well RM-3

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
8/25/12 12:40	21.83	99	77.17	3507.17	3529	21.83
9/21/2012 18:00	22.3		76.7	3506.7		22.3
10/17/2012 15:40	23.2		75.8	3505.8		23.2
10/25/2012 14:46	22.9		76.1	3506.1		22.9
11/6/2012 11:23	22.76		76.24	3506.24		22.76

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well RSD-1

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
9/18/2012 11:58	34.37		80.63	3556.63	3591	34.37
9/18/2012 14:42	34.95	115	80.05	3556.05		34.95
10/9/12 12:29	34.57		80.43	3556.43		34.57
10/25/2012 15:08	34.53		80.47	3556.47		34.53
11/6/2012 10:55	53		62	3538		53

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well RSH - 1

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Feet of water above Transducer (Feet)	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
8/25/2012 14:47	14.32	75	60.68	3617.68	3632	14.32
9/11/2012 13:21	15		60	3617		15
10/9/2012 11:40	16.88		58.12	3615.12		16.88
10/25/2012 14:35	15		60	3617		15
11/6/2012 9:53	18		57	3614		18

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well RSH - 2

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
8/25/2012 14:53	6.7	15	8.3	3606.3	3613	6.7
10/9/2012 11:32	8.58		6.42	3604.42		8.58
10/25/2012 14:42	8.13		6.87	3604.87		8.13
11/6/12 10:01	8.1			3604.9		8.1

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well RSH - 3

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
9/19/2012 11:15	17.00	250	233	3615.00	3632	17.00
10/9/2012 11:13	18.96		231.04	3613.04		18.96
10/25/2012 14:46	17.35		232.65	3614.65		17.35
11/6/12 10:09	19.75		230.25	3612.25		19.75

Groundwater Resources Investigation Report Tierra del Sol Solar Farm - Well WHH - 1

Date + Time	Manual Depth to Water Measurement, feet below TOC (Feet)	Depth Transducer was Set (Feet)	Manual Measurement, Feet Above Transducer	Manual Measurement, Water Level Elevation	Land Surface Elevation (ft) Estimate from Google Earth	Manual Measurement, Depth To Water (Feet Below Top of Casing)
10/2/2012 11:30	51.1	200	148.9	3603.9	3655	51.1
10/9/12 12:28	42.8		157.2	3612.2		42.8
11/6/2012 13:25	42		158	3613		42

APPENDIX E
RWQCB Conditional Waiver No. 2

September 4, 2012

John Odermatt
San Diego Regional Water Quality Control Board
9174 Sky Park Court, Suite 100
San Diego, CA 92123
(Submitted via e-mail: jodermatt@waterboards.ca.gov)
Phone 858.637.5595

Subject: Request to Discharge Aquifer Test Groundwater from Potable Water Well B to Land at 805 Tierra Del Sol Road under Conditional Waiver No. 2, County of San Diego, California.

Dear Mr. Odermatt:

Dudek is submitting this application for Conditional Waiver No. 2 – “Low Threat” Discharges to Land on behalf of Tierra del Sol Solar Farm, LLC for discharge of groundwater during well testing activities for the proposed Tierra del Sol Solar Farm Project. As required by the San Diego Regional Water Quality Control Board (RWQCB), this application includes the Notice of Intent (NOI) and additional project information as described below:

APPLICANT/PERMITEE

Tierra del Sol Solar Farm, LLC c/o Soitec Solar, Inc.
4250 Executive Square, Suite 770
La Jolla, California 92037
Contact: Mr. Patrick Brown, Environmental Permitting Project Manager
Patrick.Brown@soitec.com
619.733.2649

PROJECT LOCATION AND REGIONAL SETTING

The Tierra Del Sol Solar Farm Project (Project Site) is located on approximately 444 acres between Tierra del Sol Road and the U.S.-Mexico border in Tierra del Sol, California (Figures 1 and 2). The watershed for the Project Site is defined as the Hipass Hydrologic Subarea (911.85) which is contained within the Campo Hydrologic Area (911.80) and all within the Tijuana Hydrologic Unit (911.00); (Figure 3).

PROJECT BACKGROUND

The Tierra Del Sol Solar Farm will, as much as feasible, use on-site groundwater as a source of supply to meet construction and operational water demands for the 444 acre concentrated photovoltaic (CPV) Tierra Del Sol Solar Farm located in Unincorporated San Diego County, Tierra Del Sol, California. Dudek will be conducting well testing of one on-site potable water well (Well B) and discharging

groundwater to land such that it will evaporate, infiltrate or be stored in a stock pond located on APN 659-13-001 per the approval of the property owner for beneficial use (Figure 2). It is anticipated that the maximum well flow at any time will be 100 gallons per minute (GPM). It is also anticipated that the quality of the groundwater under the site meets the requirements for a low-threat discharge. Project requirements are that the well will be flow tested at 2 separate times; a 12 hour step test and a 72 hour constant rate test. The maximum volume of water to be produced in one discharge event will be approximately 70 GPM over 72 hours, or 302,400 gallons (0.93 acre feet). The well test and analysis will be used to measure hydraulic properties of the local fractured bedrock aquifer in the immediate area of the well, and to assess the ability of this on-site groundwater resource to meet the water demands of the project. The pump tests are not expected to last more than 4 days.

PROJECT SCHEDULE

It is anticipated that the duration of the well tests would be a total of approximately 4 days. Testing is anticipated to start on or after September 17, 2012 and be completed by October 5, 2012.

This memo requests permission from the San Diego RWQCB to discharge water generated during well testing to ground, such that it will evaporate, infiltrate or be stored in a stock pond for beneficial use. The discharge from testing the wells will be contained on or within the stock pond located on APN 659-13-001 per the approval of the property owner.

If you have any questions, please e-mail or call me at 760.415.1425

Sincerely,



Trey Driscoll, PG, CHG
Project Manager/ Hydrogeologist

att: Notice of Intent, Figures 1-3

cc: David Hochart (dhochart@dudek.com), Dudek
Patrick Brown (patrick.brown@soitec.com), Soitec

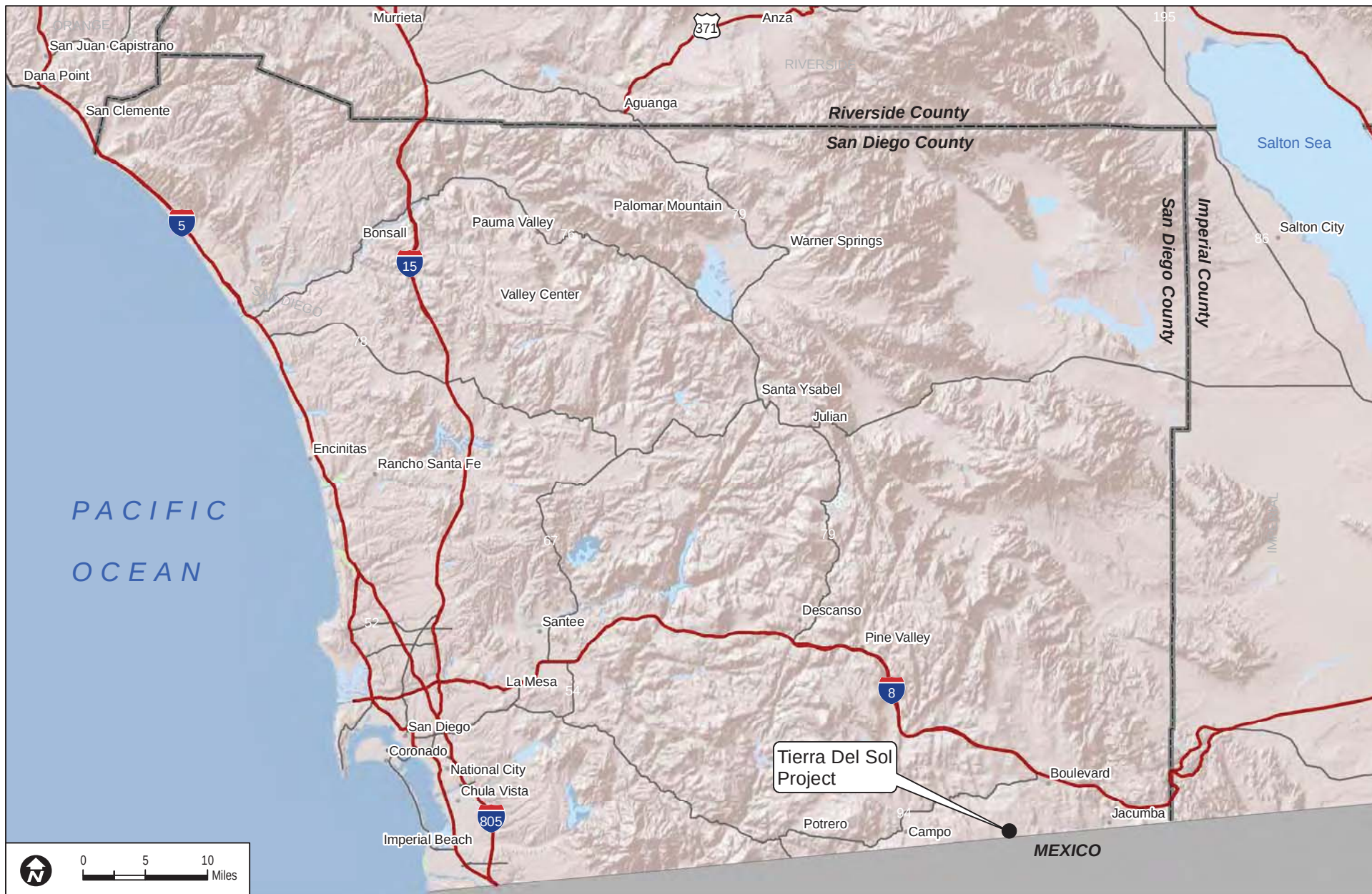


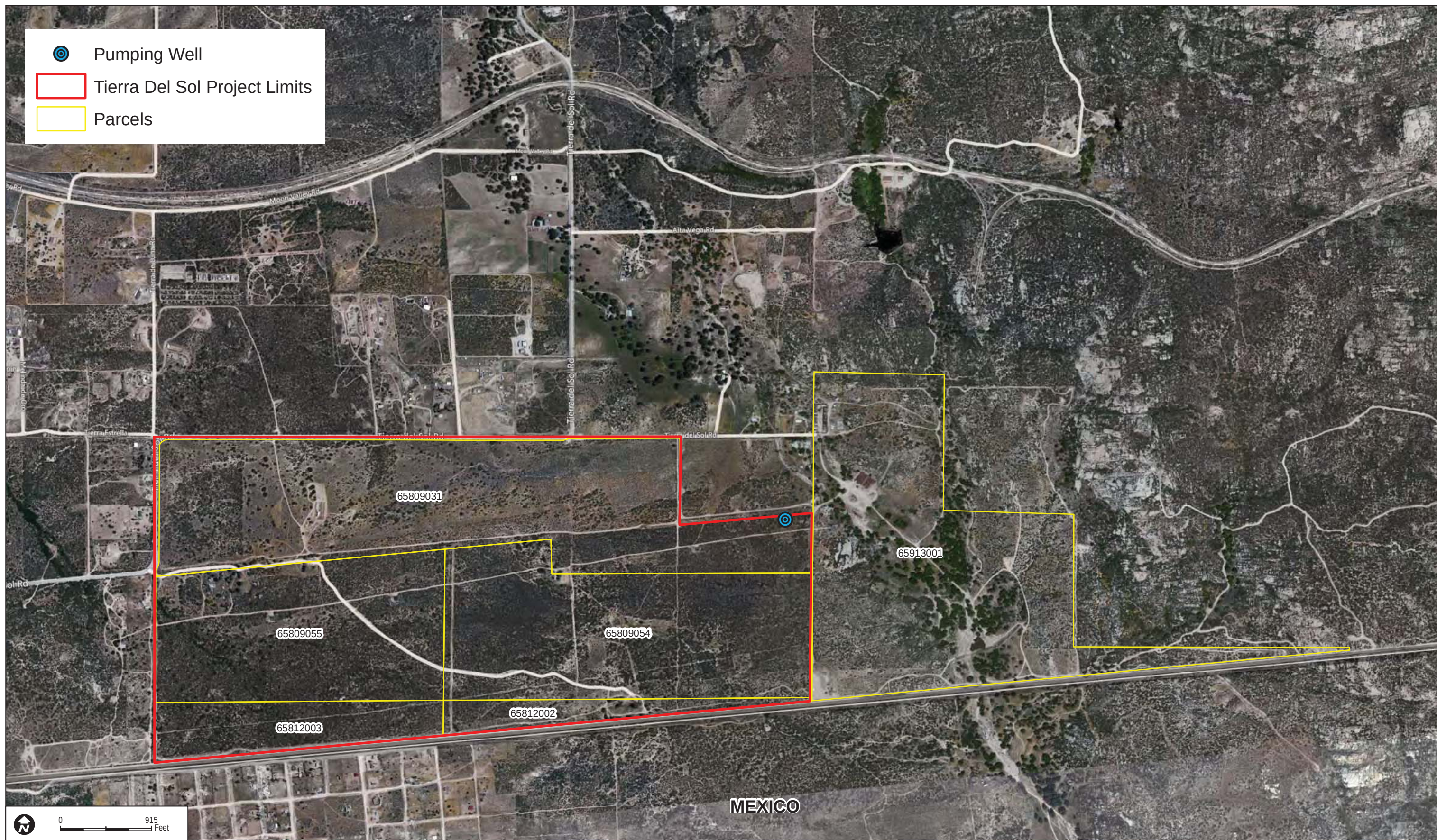
FIGURE 1
Regional Location

DUDEK

7123

SEPTEMBER 2012

TIERRA DEL SOL



**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

9174 Sky Park Court, Suite 100
San Diego, California 92123-4340



NOTICE OF INTENT

TO COMPLY WITH
CONDITIONAL WAIVERS OF WASTE DISCHARGE REQUIREMENTS
FOR SPECIFIC TYPES OF DISCHARGE WITHIN
THE SAN DIEGO REGION

I. PROPERTY/FACILITY INFORMATION

Property/Facility Name: Tierra del Sol Solar Farm			
Property/Facility Contact: Clark Crawford, Attorney-in-fact			
Property/Facility Address: 805 Tierra del Sol Road			
City: Tierra del Sol	County: San Diego	State: CA	Zip: 92078
Telephone: 619-733-2649	Fax: 760.736.2214	Email: Clark.Crawford@soitec.com	
Assessor Parcel Number(s): see map		Hydrologic Area/Subarea: Tijuana HU Campo HA, Hipass HSA	

II. PROPERTY/FACILITY OWNER INFORMATION

Property/Facility Owner Name: Tierra del Sol Solar Farm, LLC c/o Soitec Solar, Inc.			
Property/Facility Owner Mailing Address: 4250 Executive Square, Suite 770			
City: La Jolla	County: San Diego	State: CA	Zip: 92037
Telephone: 1.619.733.2649	Fax: 1.858.638.0986	Email: Patrick.Brown@soitec.com	

III. PROPERTY/FACILITY OPERATOR INFORMATION

Property/Facility Operator Name:			
Mailing Address:			
City:	County:	State:	Zip:
Telephone:	Fax:	Email:	

IV. CONDITONAL WAIVER FOR NOTICE OF INTENT

Mark (☒) the conditional waiver proposed for the discharge: