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**APPENDIX G**  
**Water Level Monitoring Results**

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**Table G-1: Ground Water Elevations**  
(manual readings)

Well	Depth of Well (m)	Surveyed		Water Level Elevation (masl)											
		Ground elevation (masl)	TOC elevation (masl)	13-Sep-04	12-Oct-04	10-Nov-04	7-Jan-05	2-Feb-05	18-Apr-05	25-May-05	31-Aug-05	15-Nov-05	19-Nov-05	10-Jan-06	16-Mar-06
OW1s-I	x	7.1	513.29	509.61	509.44	509.38	511.25	510.84	512.51	510.70	509.56	509.29	509.33	510.53	frozen
OW1s-II	x	11.8	513.29	509.80	509.60	509.55	511.59	frozen	511.03	511.08	509.82	509.40	509.50	510.77	frozen
OW1d-III	x	27.7	513.21	509.60	509.36	509.32	511.45	511.12	513.21	512.03	na	509.26	509.36	510.68	frozen
OW1d-IV	x	32.0	513.21	509.79	509.78	509.71	513.21	frozen	512.66	511.48	509.98	509.52	509.66	511.05	frozen
OW2s-I	x	12.8	523.42	511.71	511.39	511.09	511.42	513.50	516.31	513.88	511.86	510.95	510.93	511.47	515.83
OW2s-II	x	21.9	523.42	511.52	511.35	511.06	511.42	513.43	516.31	513.87	511.83	510.95	510.92	511.45	515.81
OW2d-III	x	24.4	523.18	511.64	511.32	511.04	511.39	513.40	516.28	513.71	511.79	510.92	510.92	511.42	515.77
OW2d-IV	x	44.6	523.18	511.37	511.22	510.95	511.32	513.27	516.06	513.83	511.72	510.85	510.85	511.37	515.56
OW3s-I	x	6.4	516.34	511.63	511.37	511.03	513.67	514.46	515.51	514.07	511.72	510.81	na	512.56	515.34
OW3s-II	x	17.7	516.34	511.50	511.22	510.91	513.49	514.14	515.65	512.81	511.57	510.71	na	512.39	515.39
OW3d-III	x	23.4	516.58	511.38	511.23	510.90	513.47	514.11	515.65	513.77	511.56	510.69	510.70	512.38	frozen
OW3d-IV	x	31.6	516.58	511.47	511.18	510.87	513.44	514.05	515.67	513.73	511.52	510.67	510.68	512.35	frozen
OW4s-I	x	7.9	519.76	515.80	515.78	515.75	516.44	516.20	517.76	516.19	515.84	515.77	na	516.12	518.56
OW4s-II	x	10.5	519.76	515.81	515.78	515.77	516.48	516.19	517.56	516.19	na	515.71	na	na	na
OW4d-III	x	23.0	519.72	515.98	515.62	515.62	516.46	na	517.85	516.20	na	515.69	na	516.07	518.79
OW4d-IV	x	28.4	519.72	515.76	515.69	515.85	516.60	516.38	518.11	516.35	515.94	515.85	na	516.23	518.54
OW5s-I	x	8.8	510.75	503.46	503.21	503.33	505.46	506.08	506.92	505.99	505.34	502.88	503.30	504.35	506.85
OW5s-II	x	13.0	510.75	503.43	503.22	503.30	505.52	506.09	506.92	505.98	na	502.92	503.30	504.26	506.86
OW5d-III	x	18.6	510.85	503.39	503.14	503.19	505.47	506.45	507.12	506.62	na	na	503.18	504.19	506.81
OW5d-IV	x	30.6	510.85	505.98	506.24	506.33	505.86	507.27	507.54	507.51	506.47	506.10	506.12	506.41	507.22
OW6s-I	x	13.9	526.28	517.25	516.52	516.26	518.82	520.29	523.99	520.05	517.13	516.10	516.18	518.51	523.64
OW6s-II	x	25.5	526.28	516.83	516.40	516.14	518.88	519.70	523.20	519.55	517.02	516.03	516.06	518.02	522.70
OW6d-III	x	46.1	526.98	516.96	515.92	516.52	518.45	520.07	522.73	520.68	517.54	516.55	516.47	518.66	na
OW6d-IV	x	51.2	526.98	516.94	516.84	516.15	518.85	519.48	523.52	519.83	517.39	516.47	516.50	518.43	na

Notes:

- x datalogger currently installed (as of March, 2006)
- na water level not available

# Highland Quarry Continuous Water Level

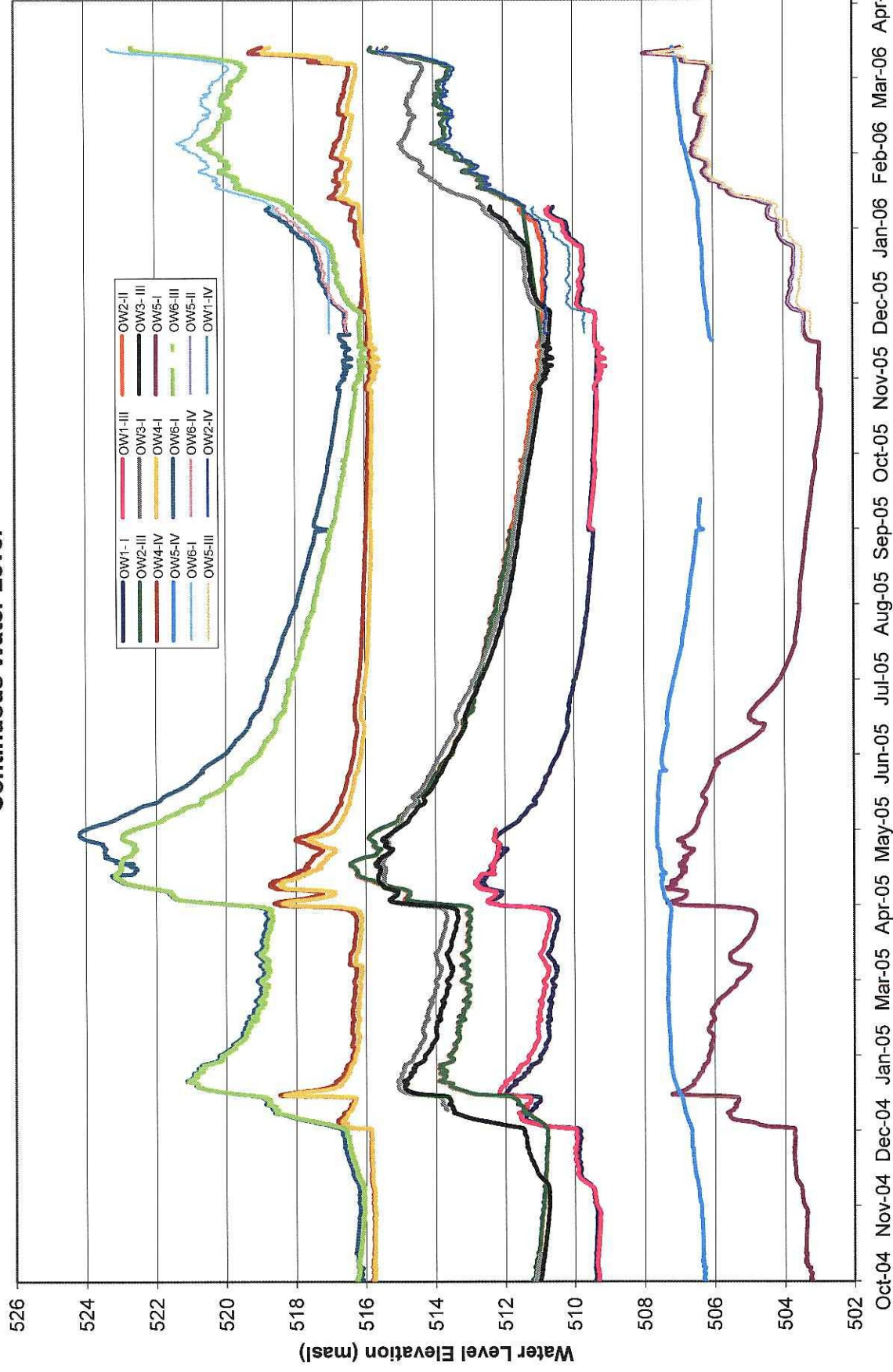


Figure G-1

# Highland Quarry Continuous Water Level and Climatic Data

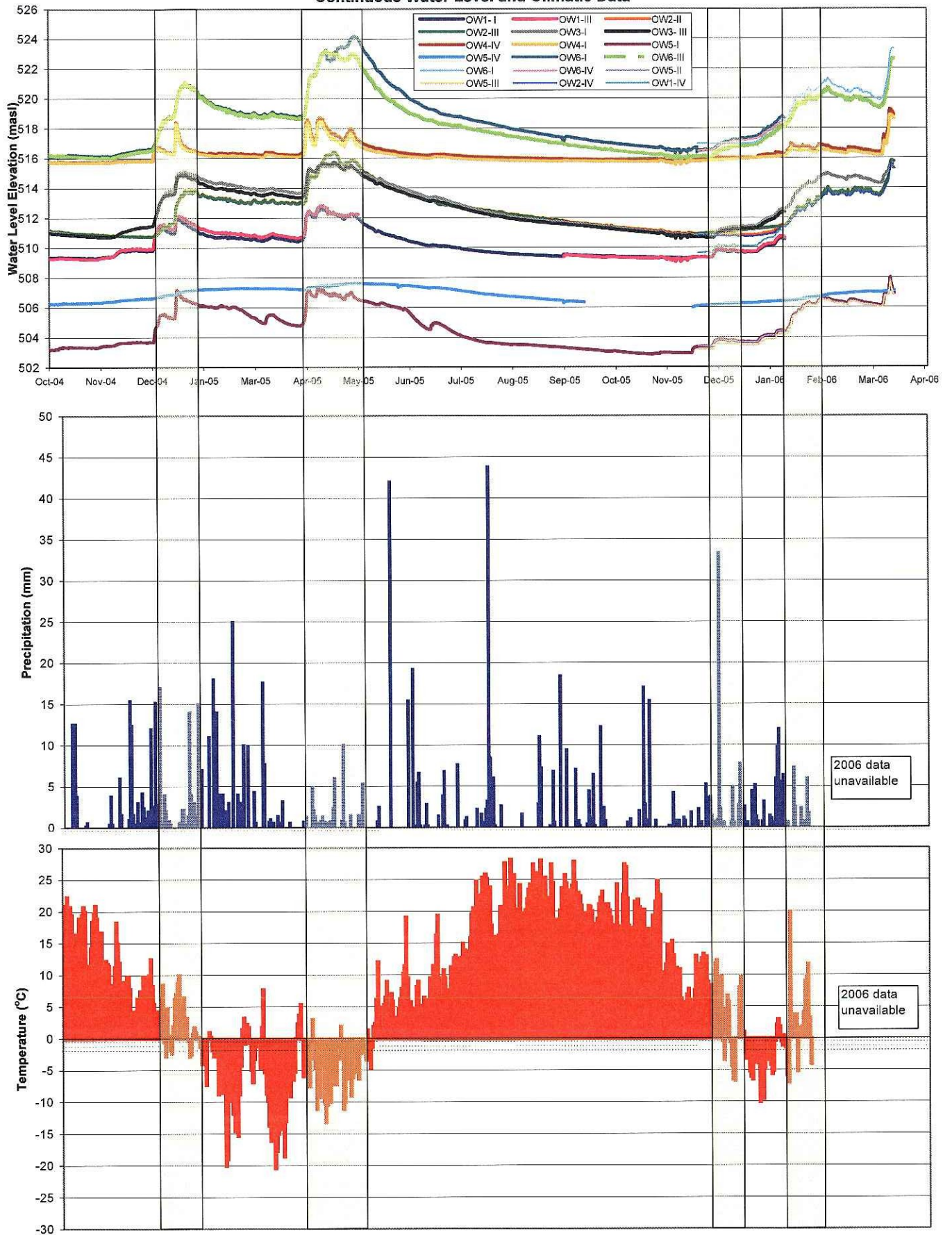


Figure G-2

# OW1 Hydrograph

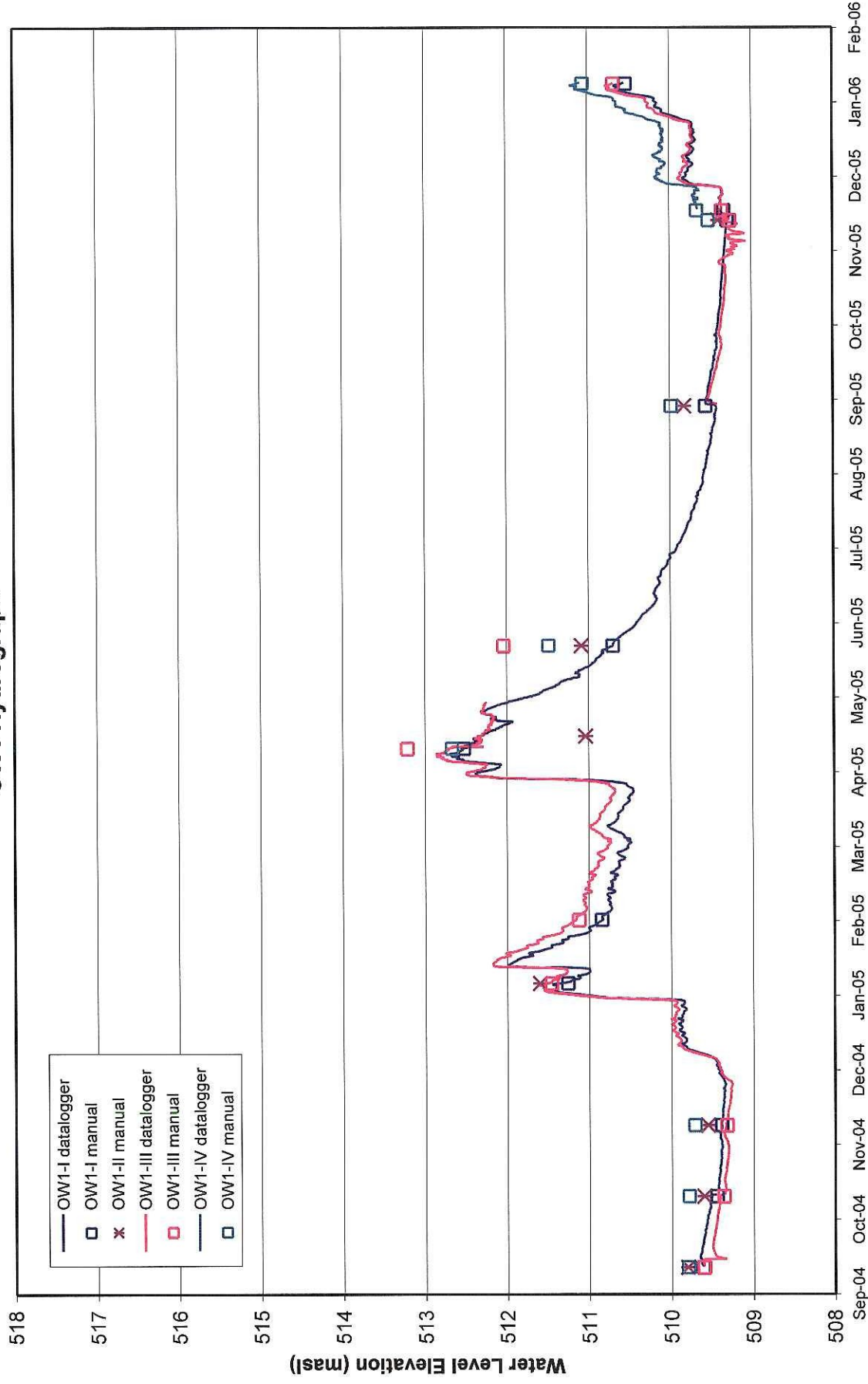


Figure G-3



# OW2 Hydrograph

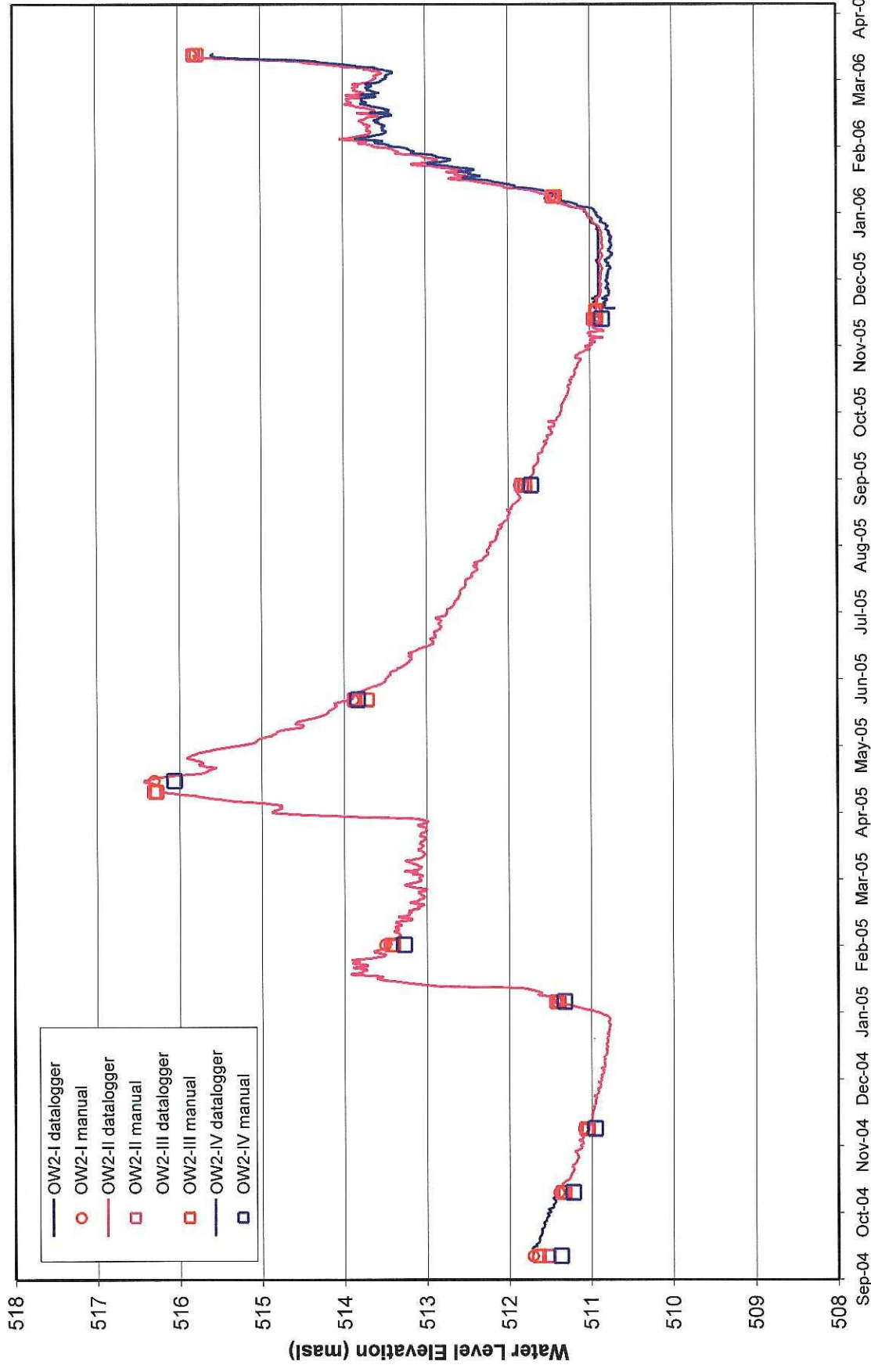


Figure G-4

# OW3 Hydrograph

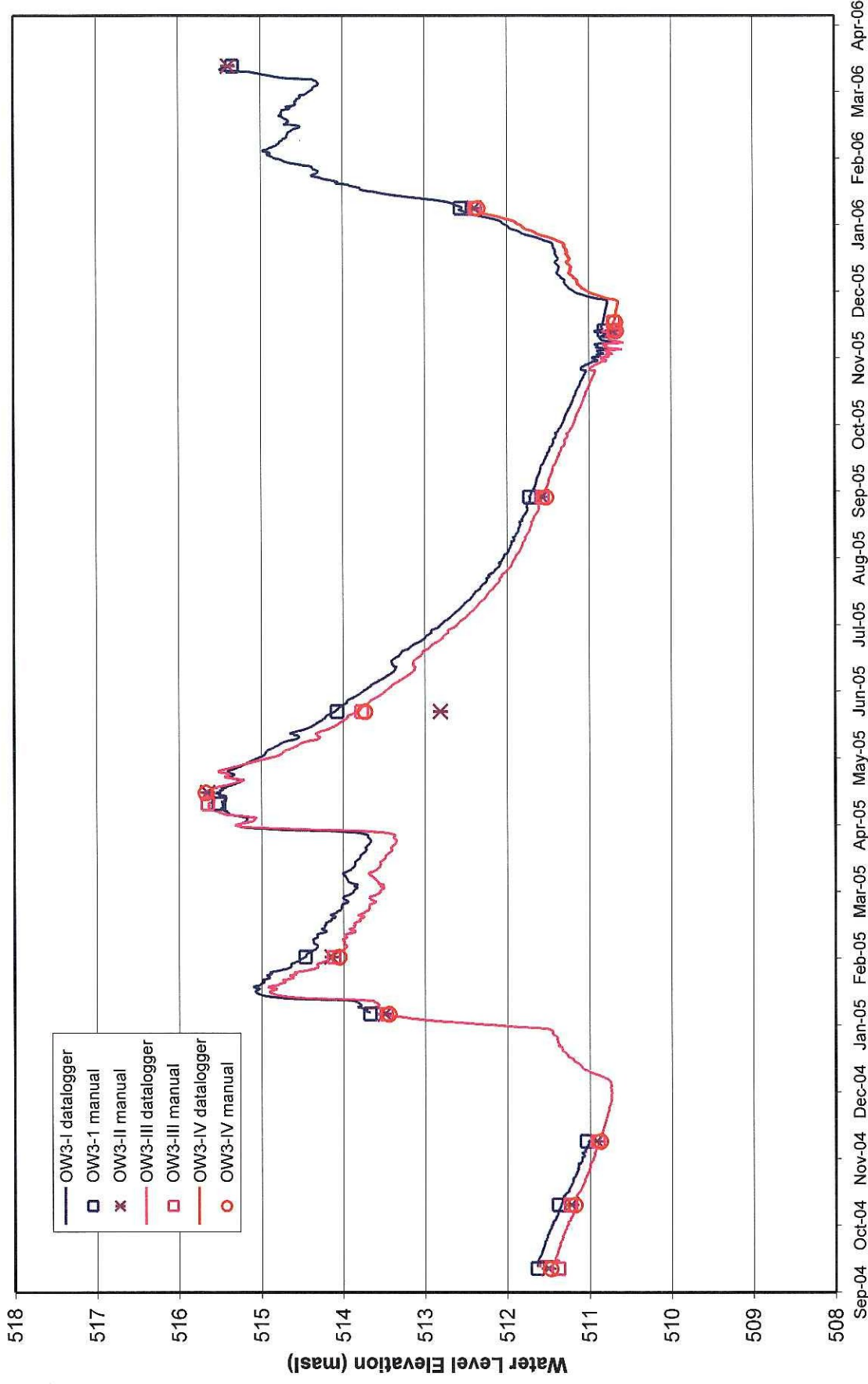


Figure G-5

## OW4 Hydrograph

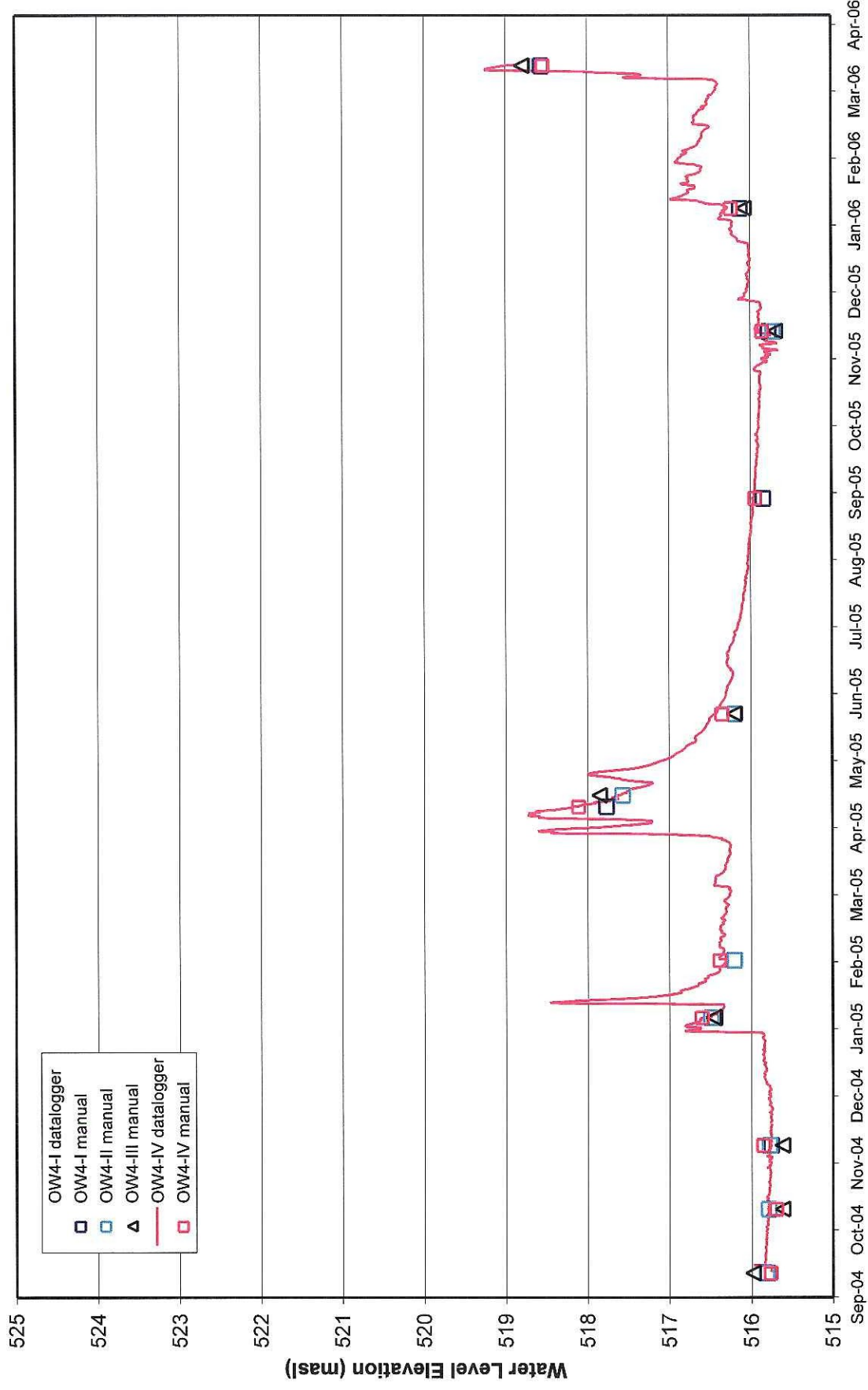


Figure G-6



# OW 5 Hydrograph

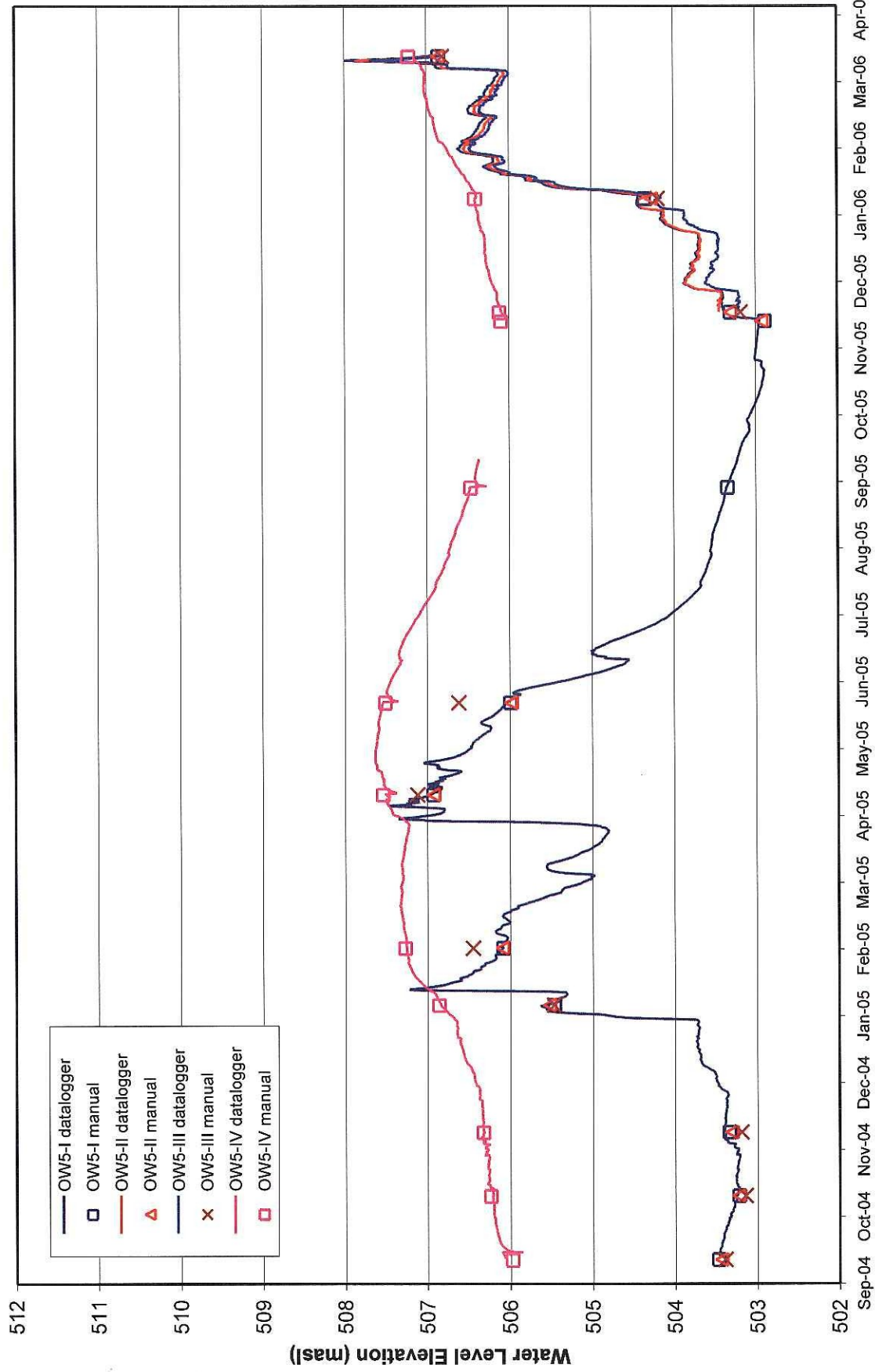


Figure G-7

# OW6 Hydrograph

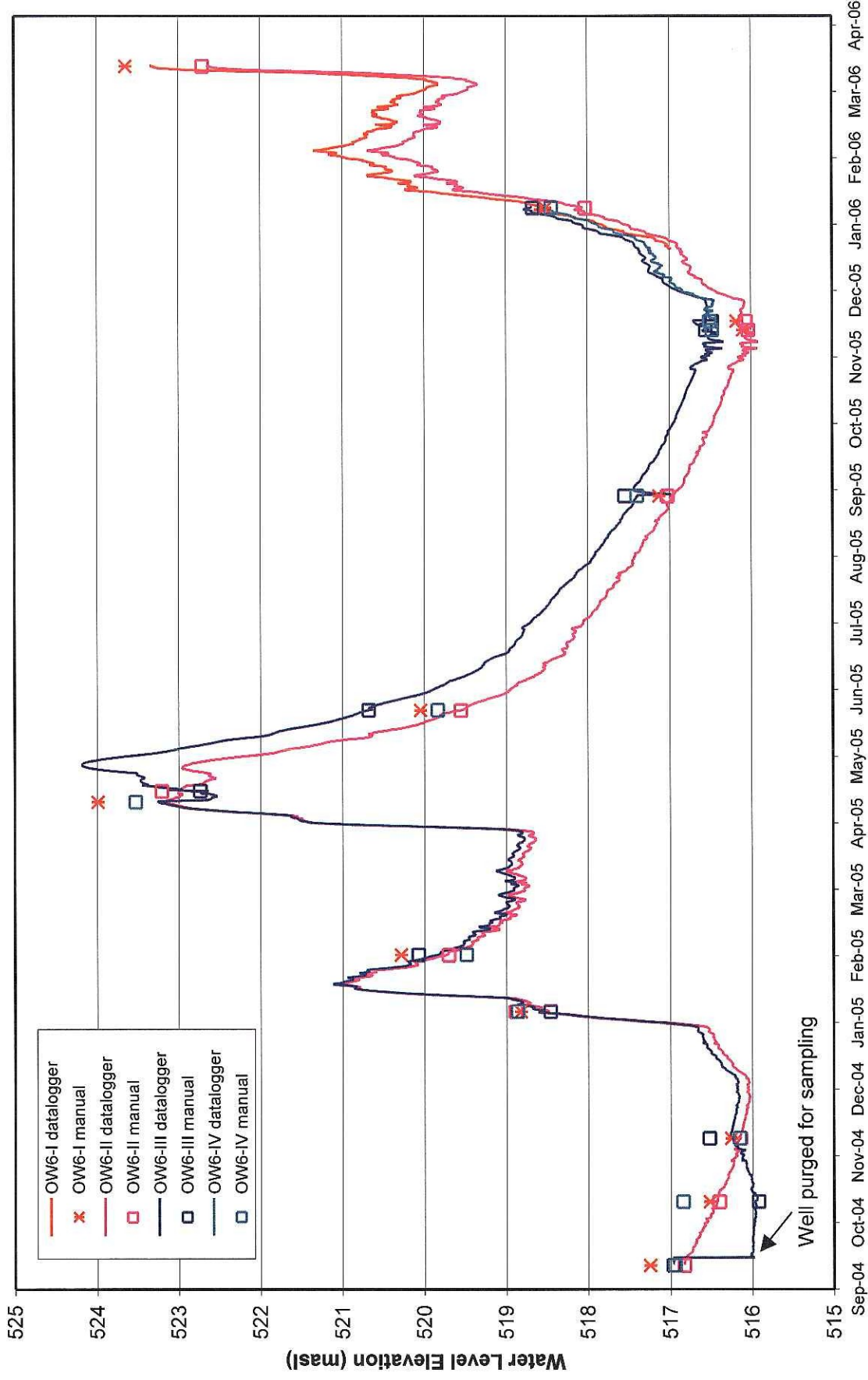


Figure G-8