Montana Bureau of Mines and Geology
Open File Report No. 377

The Flooding of Butte's Underground Mines and Berkeley Pit: 15 Years of Water-Level Monitoring (1982-1997)

Appendixes 1-20

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Appendix 1
AMC Wells Monthly Water Level Data

Appendix 1
Monthly AMC Wells Water Level Data [1]
Montana Bureau of Mines and Geology

DATE	AMC-5 MP Elevation[1] 5509.21	AMC-6 MP Elevation[1] 5492.48	AMC-8 MP Elevation[1] 5523.28	AMC-10 MP Elevation[2] 5517.07	AMC-11 MP Elevation[2] 5496.98	AMC-12 MP Elevation[2] 5479.58	AMC-13 MP Elevation[2] 5475.34
01/12/83	5462.86	5464.68	5472.58	Dry	Dry	5460.88	5456.74
02/09/83	5462.21	5464.28	5472.23	Dry	Dry	5460.18	5455.54
03/09/83		5464.08	5471.63	Dry	Dry	5461.78	5457.74
04/26/83	5441.01	5463.38	5470.88	Dry	Dry	5461.38	5457.44
05/25/83	5441.51	5463.38	5470.28	Dry	Dry	5460.78	5457.44
06/22/83	5441.11	5463.18	5469.48	Dry	Dry	5461.43	5457.74
07/26/83	5441.21	5463.48	5469.13	Dry	Dry	5461.88	5457.94
08/30/83	5440.81	5463.78	5468.58	Dry	Dry	5462.28	5458.84
09/21/83	5440.51	5463.58	5468.58	Dry	Dry	5462.18	5458.54
10/13/83	5440.21	5463.78	5468.74	Dry	Dry	5458.55	5462.27
11/09/83	5439.61	5462.83	5468.18	Dry	Dry	5461.43	5457.84
12/17/83	5439.11	5462.38	5467.68	Dry	Dry	5461.08	5457.34
01/28/84	5438.71	5461.58	5467.28	Dry	Dry	5460.28	5456.94
02/22/84	5438.41	5461.28	5466.78	Dry	Dry	5460.88	5456.54
04/01/84	5437.91	5460.98	5466.38	Dry	Dry	5459.88	5456.44
04/24/84	5437.71	5460.88	5466.28	Dry	Dry	5459.98	5456.34
05/17/84	5437.31	5460.58	5465.58	Dry	Dry	5460.08	5456.44
06/25/84	5436.71	5460.48	5465.08	Dry	Dry	5460.28	5456.84
07/25/84	5436.32		5464.95	Dry	Dry	5460.55	5457.44
09/24/84	5435.51	5460.58	5464.38	Dry	Dry	5460.23	5457.19
02/17/85	5434.21	5459.08	5463.48	Dry	Dry	5428.73	5455.74
03/10/85	5433.96	5458.68	5463.53	Dry	Dry	5458.73	5455.54
04/19/85	5433.52	5458.18	5462.05	Dry	Dry	5458.95	5455.54
05/31/85	5437.22	5458.08	5462.55	Dry	Dry	5458.35	5455.54
06/28/85	5432.92	5458.08	5462.25	Dry	Dry	5458.65	5456.14
07/23/85	5433.02	5457.78	5462.05	Dry	Dry	5458.65	5456.34
08/30/85	5432.72	5457.58	5461.95	Dry	Dry	5458.65	5456.04
09/30/85	5432.51	5457.38	5461.58	Dry	Dry	5458.58	5455.94
10/30/85	5432.41	5457.18	5461.68	Dry	Dry	5458.18	5455.54
11/20/85	5432.21	5456.88	5461.48	Dry	Dry	5458.08	5455.44
01/31/86	5431.81	5456.18	5461.08	Dry	Dry	5457.78	5454.84
04/24/86	5431.71	5456.18	5460.68	Dry	Dry	5456.88	5454.54
05/28/86	5431.31	5456.28	5460.48	Dry	Dry	5456.88	5454.54
08/20/86	5435.21	5457.88	5460.18	Dry	Dry	5458.08	5455.44
10/29/86	5437.81	5458.98	5460.48	Dry	Dry	5458.28	5455.44
11/28/86	5438.01	5459.08	5460.58	Dry	Dry	5457.98	5455.34
12/29/86	5438.21	5459.08	5460.98	Dry	Dry	5457.88	5455.14
01/24/87	5438.51	5458.78	5460.88	Dry	Dry	5457.78	5453.84
02/16/87	5438.31	5458.88	5460.78	Dry	Dry	5457.68	5454.64
03/26/87	5438.31	5458.78	5461.08	Dry	Dry	5457.63	5454.54
05/27/87	5438.31	5458.78	5461.38	Dry	Dry	5457.78	5454.94
06/23/87	5438.31	5458.78	5461.78	Dry	Dry	5458.08	5455.34
07/30/87	5438.31	5459.18	5461.58	Dry	Dry	5458.58	5455.64

Appendix 1
Monthly AMC Wells Water Level Data [1]
Montana Bureau of Mines and Geology

DATE	AMC-5 MP Elevation[1] 5509.21	AMC-6 MP Elevation[1] 5492.48	AMC-8 MP Elevation[1] 5523.28	AMC-10 MP Elevation[2] 5517.07	AMC-11 MP Elevation[2] 5496.98	AMC-12 MP Elevation[2] 5479.58	AMC-13 MP Elevation[2] 5475.34
08/27/87	5438.31	5459.48	5461.78	Dry	Dry	5457.98	5456.04
01/29/88	5438.41	5459.48	5462.38	Dry	Dry	5457.98	5454.84
02/29/88	5438.71	5459.28	5462.28	Dry	Dry	5457.88	5454.74
03/31/88	5437.41	5458.38	5461.58	Dry	Dry	5457.68	5456.04
04/27/88	5438.81	5459.08	5462.18	Dry	Dry	5457.78	5454.64
05/25/88	5439.31	5459.08	5462.18	Dry	Dry	5457.88	5454.84
06/28/88	5439.31	5459.18	5462.08	Dry	Dry	5458.28	5455.34
07/27/88	5439.11	5459.38	5462.18	Dry	Dry	5458.48	5455.54
08/30/88	5439.11	5459.58	5461.98	Dry	Dry	5458.48	5455.84
09/28/88	5438.81	5459.48	5462.08	Dry	Dry	5458.58	5455.64
10/31/88	5438.81	5459.48	5462.18	Dry	Dry	5458.48	5455.54
12/01/88	5438.71	5459.28	5461.88	Dry	Dry	5458.58	5455.44
12/29/88	5438.51	5459.08	5462.08	Dry	Dry	5457.88	5455.04
01/30/89	5438.51	5458.78	5462.08	Dry	Dry	5457.68	5455.04
03/01/89	5437.81	5458.48	5461.68	Dry	Dry	5457.38	5455.34
03/31/89	5437.41	5458.38	5461.58	Dry	Dry	5457.68	5456.04
04/24/89	5437.11	5458.28	5461.38	Dry	Dry	5457.58	5454.64
05/23/89	5436.91	5458.28	5461.68	Dry	Dry	5457.58	5454.54
06/22/89	5436.41	5458.38	5461.28	Dry	Dry	5457.68	5454.54
08/03/89	5436.31	5458.28	5461.08	Dry	Dry	5458.08	5455.34
09/08/89	5436.21	5458.48	5461.28	Dry	Dry	5458.28	5455.74
10/05/89	5436.11	5458.58	5461.38	Dry	Dry	5458.98	5455.64
11/03/89	5436.61	5458.58	5461.38	Dry	Dry	5458.18	5455.44
11/29/89	5436.11	5458.38	5461.28	Dry	Dry	5457.88	5455.24
01/04/90	5436.21	5458.28	5461.18	Dry	Dry	5457.68	5454.94
01/30/90	5438.51	5458.78	5462.08	Dry	Dry	5457.68	5455.04
02/26/90	5437.41	5458.38	5461.68	Dry	Dry	5457.38	5454.84
03/30/90	5436.11	5457.88	5461.18	Dry	Dry	5457.28	5454.44
04/29/90	5436.01	5457.78	5461.08	Dry	Dry	5457.28	5454.44
06/02/90	5435.81	5457.58	5461.08	Dry	Dry	5457.48	5454.54
06/25/90	5435.81	5457.68	5461.08	Dry	Dry	5457.58	5454.74
07/31/90	5435.91	5457.98	5460.88	Dry	Dry	5457.78	5455.24
08/31/90	5436.11	5458.38	5461.18	Dry	Dry	5458.48	5455.64
09/29/90	5436.11	5458.48	5461.18	Dry	Dry	5458.48	5455.64
10/26/90	5436.21	5458.48	5461.28	Dry	Dry	5458.78	5455.54
11/30/90	5436.41	5458.48	5461.28	Dry	Dry	5458.08	5455.34
01/05/91	5436.41	5458.38	5461.48	Dry	Dry	5458.78	5454.94
02/02/91	5436.41	5458.28	5461.88	Dry	Dry	5457.68	5454.84
03/02/91	5436.41	5458.08	5461.48	Dry	Dry	5457.48	5455.54
04/02/91	5436.81	5457.78	5461.48	Dry	Dry	5457.28	5454.44
05/02/91	5436.31	5457.68	5461.48	Dry	Dry	5457.18	5454.44
06/03/91	5436.21	5457.48	5461.68	Dry	Dry	5457.28	5454.64
06/28/91	5436.31	5457.58	5461.18	Dry	Dry	5457.58	5454.74

Appendix 1
Monthly AMC Wells Water Level Data [1]
Montana Bureau of Mines and Geology

DATE	AMC-5 MP Elevation[1] 5509.21	AMC-6 MP Elevation[1] 5492.48	AMC-8 MP Elevation[1] 5523.28	AMC-10 MP Elevation[2] 5517.07	AMC-11 MP Elevation[2] 5496.98	AMC-12 MP Elevation[2] 5479.58	AMC-13 MP Elevation[2] 5475.34
07/31/91	5436.21	5457.98	5462.28	Dry	Dry	5457.68	5455.34
09/04/91	5436.21	5458.48	5461.48	Dry	Dry	5458.58	5455.94
09/30/91	5436.31	5458.68	5461.78	Dry	Dry	5458.78	5456.14
10/30/91	5436.31	5458.68	5461.98	Dry	Dry	5458.58	5455.74
11/28/91	5436.31	5458.68	5462.18	Dry	Dry	5458.38	5455.54
12/31/91	5436.41	5458.68	5462.28	Dry	Dry	5458.18	5455.24
01/31/92	5436.51	5458.48	5462.58	Dry	Dry	5457.88	5455.04
03/07/92	5436.21	5461.28	5462.48	Dry	Dry	5457.68	5454.84
03/31/92	5436.41	5458.08	5462.58	Dry	Dry	5457.98	5454.74
04/29/92	5436.51	5457.98	5462.88	Dry	Dry	5457.48	5454.54
06/02/92	5436.51	5457.78	5462.88	Dry	Dry	5457.38	5454.74
06/30/92	5436.61	5457.78	5463.48	Dry	Dry	5457.78	5455.24
08/09/92	5436.71	5458.28	5462.78	Dry	Dry	5458.08	5455.74
09/01/92	5436.91	5458.28	5462.48	Dry	Dry	5458.58	5455.94
10/09/92	5436.51	5458.48	5462.78	Dry	Dry	5458.68	5455.74
11/05/92	5436.71	5458.48	5462.68	Dry	Dry	5458.28	5455.44
12/05/92	5436.71	5458.38	5463.08	Dry	Dry	5458.38	5455.44
01/05/93	5436.81	5458.28	5462.78	Dry	Dry	5457.88	5455.24
01/30/93	5436.81	5457.98	5462.78	Dry	Dry	5457.58	5454.94
02/27/93	5436.71	5457.98	5462.78	Dry	Dry	5457.38	5454.44
04/03/93	5436.71	5457.68	5462.78	Dry	Dry	5457.28	5454.54
06/07/93	5436.21	5457.48	5461.68	Dry	Dry	5457.58	5455.04
07/01/93	5436.41	5457.78	5462.68	Dry	Dry	5458.08	5455.64
07/29/93	5436.81	5458.08	5462.68	Dry	Dry	5458.48	5455.74
09/10/93	5437.01	5458.68	5463.18	Dry	Dry	5459.08	5456.54
10/05/93	5436.81	5458.88	5463.68	Dry	Dry	5459.08	5456.34
10/29/93	5437.21	5458.98	5463.58	Dry	Dry	5458.98	5456.24
01/17/94	5437.71	5459.09	5464.49	Dry	Dry	5458.48	5455.64
02/10/94	5437.71	5459.01	5464.67	Dry	Dry	5458.28	5455.44
03/14/94	5437.81	5458.94	5464.67	Dry	Dry	5458.18	5455.24
04/01/94	5437.85	5458.77	5464.62	Dry	Dry	5458.05	5455.14
05/01/94	5437.90	5459.37	5464.50	Dry	Dry	5458.07	5455.24
06/01/94	5437.76	5458.69	5464.29	Dry	Dry	5458.14	5455.39
07/01/94	5437.51	5458.78	5464.17	Dry	Dry	5458.58	5455.96
08/01/94	5437.76	5459.03	5464.24	Dry	Dry	5458.76	5456.24
09/01/94	5437.83	5459.70	5464.36	Dry	Dry	5458.94	5456.30
10/01/94	5437.97	5459.67	5464.56	Dry	Dry	5459.05	5456.18
11/01/94	5437.97	5459.60	5464.38	Dry	Dry	5459.10	5455.98
12/01/94	5437.85	5459.51	5464.49	Dry	Dry	5458.79	5455.74
01/01/95	5437.83	5459.38	5464.29	Dry	Dry	5458.47	5455.45
02/01/95	5437.71	5459.20	5463.95	Dry	Dry	5458.42	5455.37
03/01/95	5437.70	5459.03	5463.76	Dry	Dry	5458.36	5455.32
04/01/95	5437.63	5458.92	5463.76	Dry	Dry	5458.40	5455.54

Appendix 1
Monthly AMC Wells Water Level Data [1]
Montana Bureau of Mines and Geology

DATE	AMC-5 MP Elevation[1] 5509.21	AMC-6 MP Elevation[1] 5492.48	AMC-8 MP Elevation[1] 5523.28	AMC-10 MP Elevation[2] 5517.07	AMC-11 MP Elevation[2] 5496.98	AMC-12 MP Elevation[2] 5479.58	AMC-13 MP Elevation[2] 5475.34
05/01/95	5437.37	5458.83	5463.60	Dry	Dry	5458.49	5455.62
06/01/95	5437.53	5459.04	5463.37	Dry	Dry	5459.20	5456.22
07/01/95	5437.91	5459.45	5463.55	Dry	Dry	5459.78	5456.81
08/01/95	5438.15	5459.92	5463.92	Dry	Dry	5460.01	5457.03
09/01/95	5438.18	5460.31	5464.13	Dry	Dry	5460.46	5457.34
10/01/95	5438.37	5460.56	5464.43	Dry	Dry	5460.32	5457.11
11/01/95	5438.51	5460.66	5464.84	Dry	Dry	5460.22	5456.95
12/01/95	5438.49	5460.52	5465.00	Dry	Dry	5460.02	5456.87
01/01/96	5438.39	5460.19	5464.72	Dry	Dry	5459.68	5456.62
02/01/96	5438.38	5460.14	5464.97	Dry	Dry	5459.71	5456.70
03/01/96	5438.34	5460.01	5465.00	Dry	Dry	5459.74	5456.64
04/01/96	5438.20	5460.03	5465.23	Dry	Dry	5460.00	5456.90
05/01/96	5438.23	5460.02	5465.20	Dry	Dry	5460.14	5456.96
06/01/96	5438.25	5460.18	5465.17	Dry	Dry	5460.24	5457.14
07/01/96	5438.39	5460.63	5465.71	Dry	Dry	5460.81	5457.73
08/01/96	5438.54	5460.95	5465.97	Dry	Dry	5461.11	5457.98
09/01/96	5438.35	5461.15	5466.28	Dry	Dry	5461.04	5457.88
10/01/96	5438.50	5461.23	5466.60	Dry	Dry	5460.64	5457.79
11/01/96	5438.47	5461.19	5466.82	Dry	Dry	5460.74	5457.56
12/01/96	5438.44	5461.14	5467.14	Dry	Dry	5460.76	5457.56
01/01/97	5438.45	5461.07	5466.85	Dry	Dry	5460.59	5457.54
02/01/97	5438.49	5461.09	5467.11	Dry	Dry	5460.54	5457.39
03/01/97	5438.54	5461.11	5466.68	Dry	Dry	5460.86	5457.55
04/01/97	5438.59	5461.20	5466.88	Dry	Dry	5461.07	5457.69
05/01/97	5438.46	5461.30	5466.93	Dry	Dry	5461.33	5458.07
06/01/97	5438.69	5461.54	5466.87	Dry	Dry	5461.85	5458.53
07/01/97	5438.99	5462.03	5467.18	Dry	Dry	5462.10	5458.60
08/01/97	5439.38	5462.46	5467.84	Dry	Dry	5462.28	5458.74
09/01/97	5439.70	5462.68	5468.47	Dry	Dry	5462.29	5458.70
10/01/97	5439.96	5462.77	5468.99	Dry	Dry	5462.20	5458.55
11/01/97	5439.99	5462.68	5469.14	Dry	Dry	5462.14	5458.40
12/01/97	5440.24	5462.61	5469.38	Dry	Dry	5461.96	5458.26

[1] Water level data from AMC, ARCO, MSE, QST, and MBMG records.

[2] MP Elevation - Elevation of measuring point, usually top of casing, USGS datum.

Appendix 1
Monthly AMC Wells Water Level Data [1]
Montana Bureau of Mines and Geology

DATE	AMC-15 MP Elevation[2] 5559.00	AMC-23 MP Elevation[2] 5448.26	AMC-24 MP Elevation[2] 5452.03
01/12/83	5480.30	5442.56	5442.73
02/09/83	5478.85	5442.56	5442.83
03/09/83	5478.20	5442.86	5442.93
04/26/83	5476.70	5442.71	5442.93
05/25/83	5476.80	5442.76	5442.83
06/22/83	5475.60	5442.76	5443.73
07/26/83	5475.30	5443.11	5443.03
08/30/83	5474.90	5443.06	5443.93
09/21/83	5475.00	5442.81	5442.83
10/13/83	5458.67	5443.26	5442.88
11/09/83	5474.90	5442.66	5442.73
12/17/83	5474.50	5442.56	5442.63
01/28/84	5474.20	5442.46	5442.63
02/22/84	5473.60	5442.46	5442.53
04/01/84	5473.20	5442.66	5442.63
04/24/84	5472.90	5442.86	5442.73
05/17/84	5472.30	5442.86	5442.83
06/25/84	5471.90	5443.06	5442.93
07/25/84	5471.70	5442.84	5442.86
09/24/84	5471.30	5442.76	5442.63
02/17/85	5470.70	5442.36	5442.53
03/10/85	5470.55	5442.56	5442.58
04/19/85	5470.20	5442.84	5442.76
05/31/85	5469.70	5442.94	5443.86
06/28/85	5469.30	5442.84	5442.76
07/23/85	5469.10	5442.74	5442.66
08/30/85	5469.00	5442.64	5442.76
09/30/85	5468.90	5442.86	5442.83
10/30/85	5468.90	5442.96	5442.63
11/20/85	5468.80	5442.76	5442.73
01/31/86	5469.10	5442.66	5442.63
04/24/86	5467.50	5443.06	5442.73
05/28/86	5467.30	5442.86	5442.83
08/20/86	5465.90	5442.76	5442.73
10/29/86	5466.80	5442.86	5442.83
11/28/86	5467.00	5442.66	5443.03
12/29/86	5466.90	5442.66	5442.73
01/24/87	5466.80	5442.46	5439.63
02/16/87	5466.50	5442.56	5442.73
03/26/87	5466.70	5442.66	5442.73
05/27/87	5466.30	5443.36	5443.13
06/23/87	5465.60	5443.06	5442.83
07/30/87	5466.10	5443.06	5443.03

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Monthly AMC Wells Water Level Data [1]
Montana Bureau of Mines and Geology

DATE	AMC-15 MP Elevation[2] 5559.00	AMC-23 MP Elevation[2] 5448.26	AMC-24 MP Elevation[2] 5452.03
08/27/87	5466.20	5442.96	5442.93
01/29/88	5467.30	5442.56	5442.63
02/29/88	5466.90	5442.76	5442.73
03/31/88	5467.00	5443.26	5443.13
04/27/88	5466.60	5443.16	5443.03
05/25/88	5466.70	5443.06	5442.83
06/28/88	5466.40	5443.16	5445.73
07/27/88	5466.20	5442.86	5442.73
08/30/88	5465.90	5442.76	5442.83
09/28/88	5465.60	5442.86	5442.93
10/31/88	5466.70	5442.86	5442.93
12/01/88	5466.10	5442.86	5442.83
12/29/88	5467.00	5442.86	5442.83
01/30/89	5467.10	5442.86	5442.73
03/01/89	5465.70	5442.76	5442.23
03/31/89	5467.00	5443.26	5443.13
04/24/89	5466.70	5443.26	5446.03
05/23/89	5466.90	5443.16	5443.03
06/22/89	5466.80	5443.16	5442.93
08/03/89	5466.50	5443.16	5442.93
09/08/89	5466.90	5443.16	5442.93
10/05/89	5466.90	5443.16	5446.03
11/03/89	5467.10	5443.16	5446.03
11/29/89	5467.10	5443.06	5443.03
01/04/90	5467.10	5442.86	5442.83
01/30/90	5467.10	5442.86	5442.73
02/26/90	5467.00	5442.86	5442.83
03/30/90	5466.90	5442.96	5442.93
04/29/90	5466.60	5443.16	5442.93
06/02/90	5466.40	5443.26	5443.13
06/25/90	5466.40	5443.26	5443.03
07/31/90	5466.40	5443.26	5443.03
08/31/90	5466.60	5443.36	5443.13
09/29/90	5466.80	5443.16	5443.03
10/26/90	5466.70	5443.16	5443.03
11/30/90	5466.80	5443.16	5443.03
01/05/91	5467.00	5443.06	5442.93
02/02/91		5443.06	5442.93
03/02/91	5466.60	5443.06	5442.93
04/02/91	5466.60	5443.16	5443.03
05/02/91	5466.20	5443.16	5442.93
06/03/91	5466.00	5443.26	5443.13
06/28/91	5466.00	5443.46	5447.73

Appendix 1
Monthly AMC Wells Water Level Data [1]
Montana Bureau of Mines and Geology

DATE	AMC-15 MP Elevation[2] 5559.00	AMC-23 MP Elevation[2] 5448.26	AMC-24 MP Elevation[2] 5452.03
07/31/91	5466.00	5443.26	5443.03
09/04/91	5466.10	5443.26	5443.13
09/30/91	5466.10	5443.26	5443.13
10/30/91	5466.30	5443.26	5443.13
11/28/91	5466.60	5443.36	5443.03
12/31/91	5466.70	5443.16	5442.93
01/31/92	5467.00	5443.16	5443.03
03/07/92	5466.90	5443.26	5443.13
03/31/92	5466.70	5443.36	5443.13
04/29/92	5466.90	5443.26	5442.93
06/02/92	5466.50	5443.26	5443.03
06/30/92	5466.30	5443.46	5446.13
08/09/92	5466.10	5443.26	5443.03
09/01/92	5466.40	5443.26	5443.03
10/09/92	5466.40	5443.26	5443.13
11/05/92	5466.50	5443.16	5443.03
12/05/92	5466.80	5443.16	5443.03
01/05/93	5466.60	5443.16	5442.93
01/30/93	5466.40	5442.96	5442.93
02/27/93	5466.50	5442.86	5442.83
04/03/93	5466.20	5443.36	5443.03
06/07/93	5465.80	5443.36	5443.13
07/01/93	5465.80	5443.56	5443.23
07/29/93	5465.80	5443.66	5443.53
09/10/93	5465.80	5443.56	5443.33
10/05/93	5466.20	5443.56	5443.23
10/29/93	5466.20	5443.56	5443.03
01/17/94	5467.00	5443.16	5442.94
02/10/94	5466.90	5443.18	5442.95
03/14/94	5467.20	5443.22	5442.97
04/01/94	5466.94	5443.38	5443.07
05/01/94	5466.96	5443.50	5443.12
06/01/94	5466.59	5443.36	5442.97
07/01/94	5466.53	5443.39	5443.08
08/01/94	5466.60	5443.30	5443.06
09/01/94	5466.80	5443.24	5443.04
10/01/94	5467.00	5443.37	5443.08
11/01/94	5466.97	5443.33	5443.05
12/01/94	5467.16	5443.24	5443.10
01/01/95	5467.03	5443.14	5442.92
02/01/95	5466.75	5443.44	5443.17
03/01/95	5466.63	5443.43	5443.11
04/01/95	5466.55	5443.54	5443.20

Appendix 1
Monthly AMC Wells Water Level Data [1]
Montana Bureau of Mines and Geology

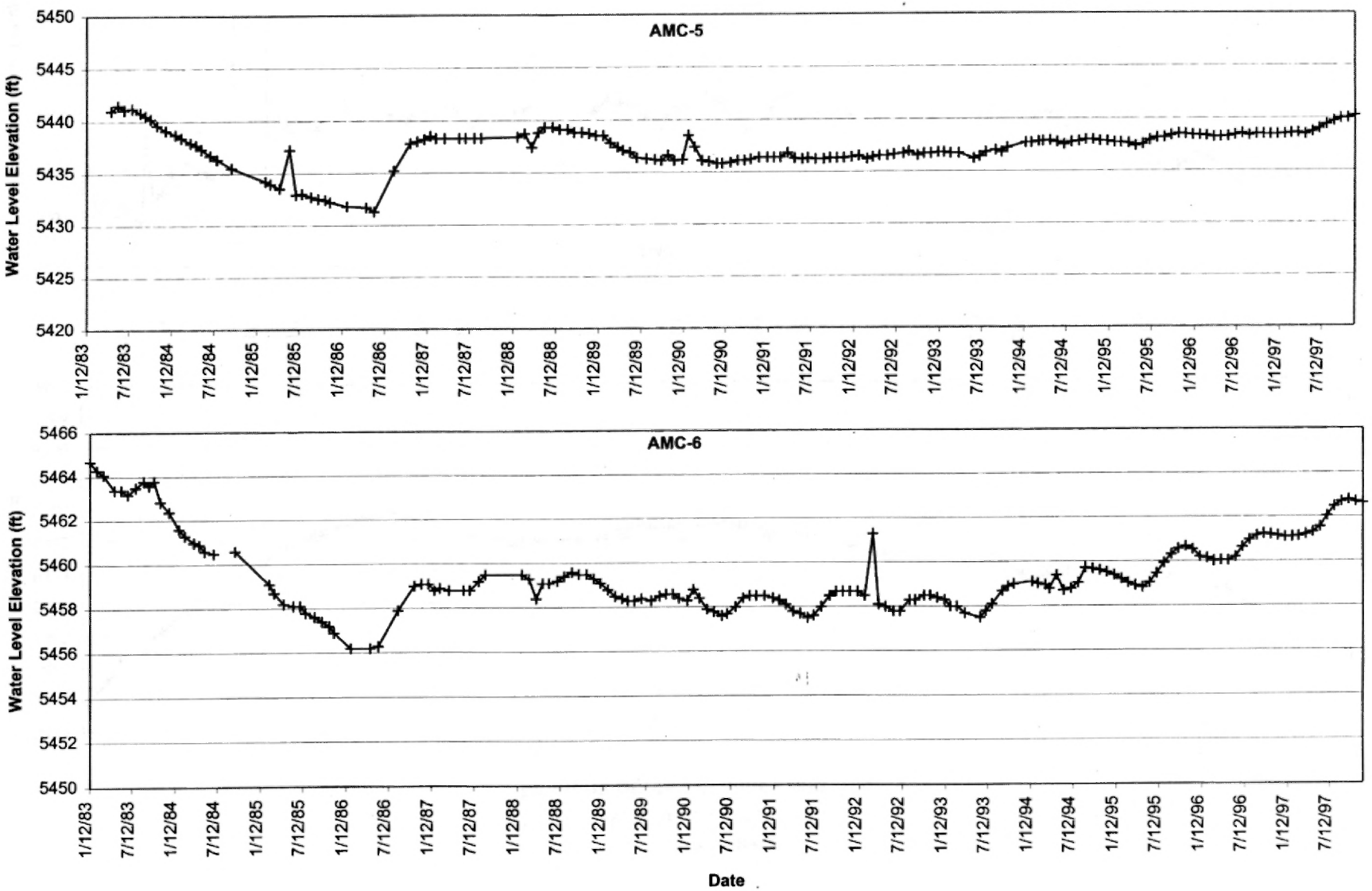
DATE	AMC-15 MP Elevation[2] 5559.00	AMC-23 MP Elevation[2] 5448.26	AMC-24 MP Elevation[2] 5452.03
05/01/95	5466.37	5443.55	5443.21
06/01/95	5466.12	5443.74	5443.31
07/01/95	5466.27	5443.81	5443.34
08/01/95	5466.53	5443.45	5443.10
09/01/95	5466.79	5443.74	5443.31
10/01/95	5467.20	5443.26	5443.06
11/01/95	5467.72	5443.41	5443.18
12/01/95	5468.13	5443.25	5443.03
01/01/96	5468.09	5443.20	5443.00
02/01/96	5468.43	5443.45	5443.21
03/01/96	5468.46	5443.55	5443.25
04/01/96	5468.70	5443.89	5443.53
05/01/96	5468.56	5443.90	5443.55
06/01/96	5468.49	5443.55	5443.27
07/01/96	5469.05	5443.67	5443.46
08/01/96	5469.40	5443.59	5443.41
09/01/96	5469.60	5443.50	5443.38
10/01/96	5470.25	5443.55	5443.60
11/01/96	5470.63	5443.48	5442.99
12/01/96	5470.73	5443.63	5443.15
01/01/97	5470.59	5443.61	5443.10
02/01/97	5470.80	5443.56	5443.01
03/01/97	5470.32	5444.22	5443.55
04/01/97	5470.47	5443.76	5443.19
05/01/97	5470.46	5443.95	5443.40
06/01/97	5470.32	5443.85	5443.24
07/01/97	5471.00	5443.62	5443.09
08/01/97	5471.94	5443.41	5442.96
09/01/97	5472.65	5443.35	5442.99
10/01/97	5473.15	5443.44	5443.01
11/01/97	5473.32	5443.34	5442.96
12/01/97	5473.53	5443.27	5442.90

[1] Water level data from AMC, ARCO, MSE, QST, and MBMG records.

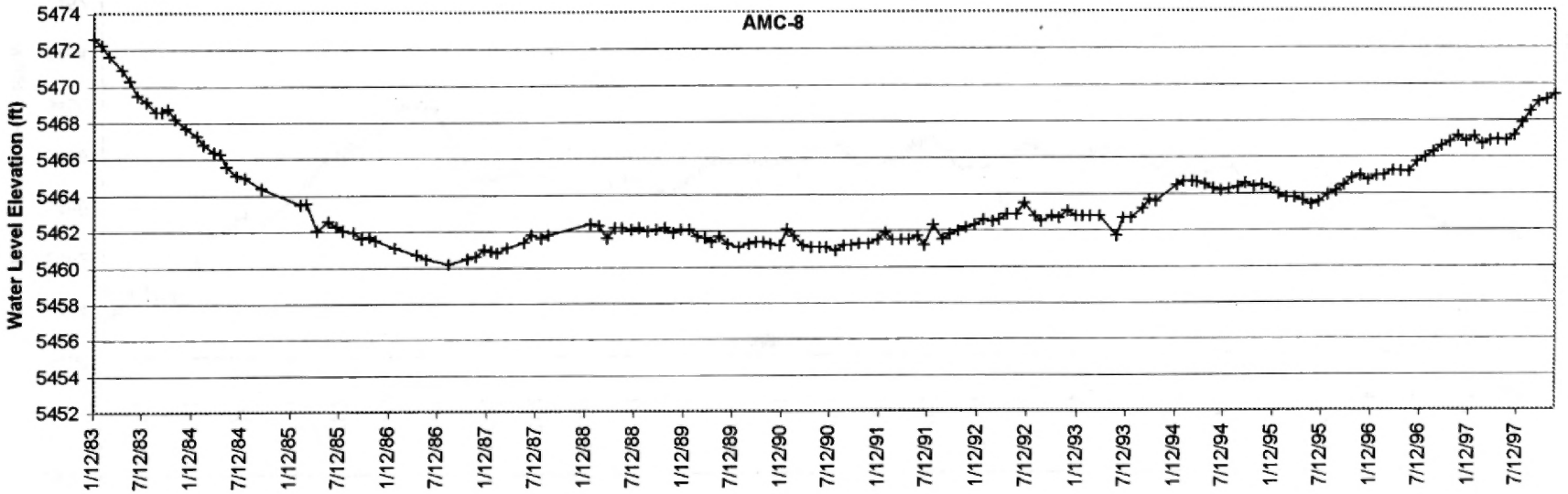
[2] MP Elevation - Elevation of measuring point, usually top of casing, USGS datum.

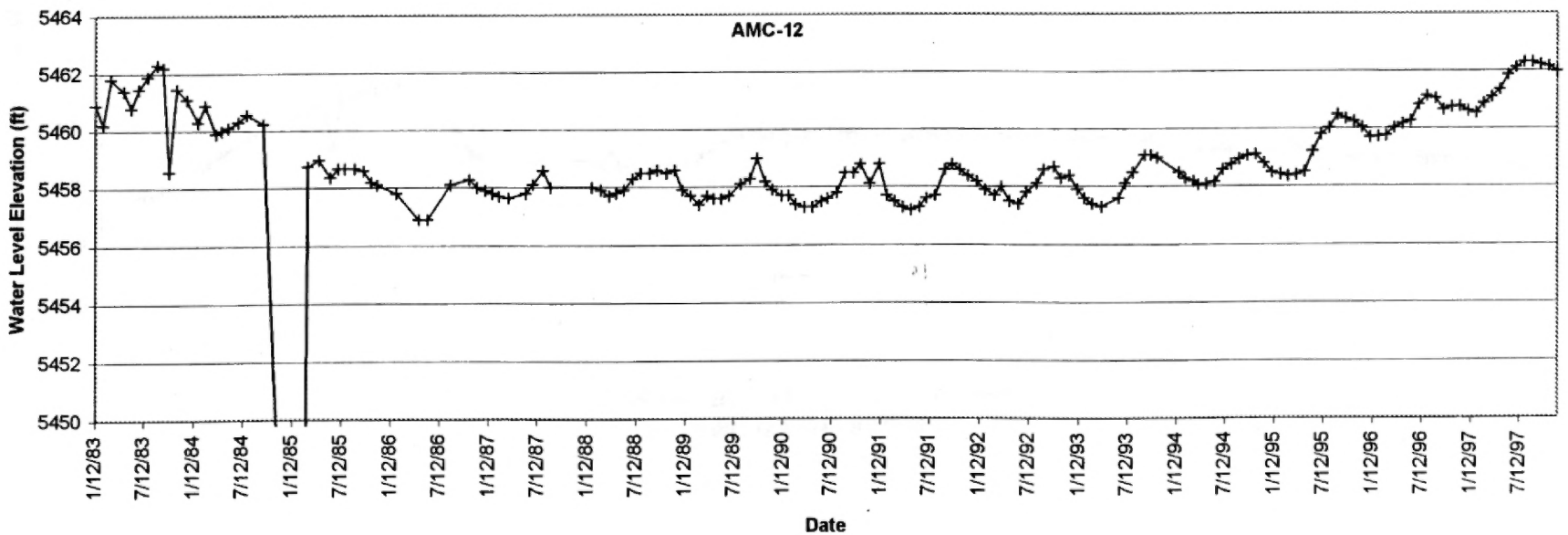
Appendix 2
AMC Wells Hydrographs

Appendix 2
AMC Well Hydrographs
Montana Bureau of Mines and Geology

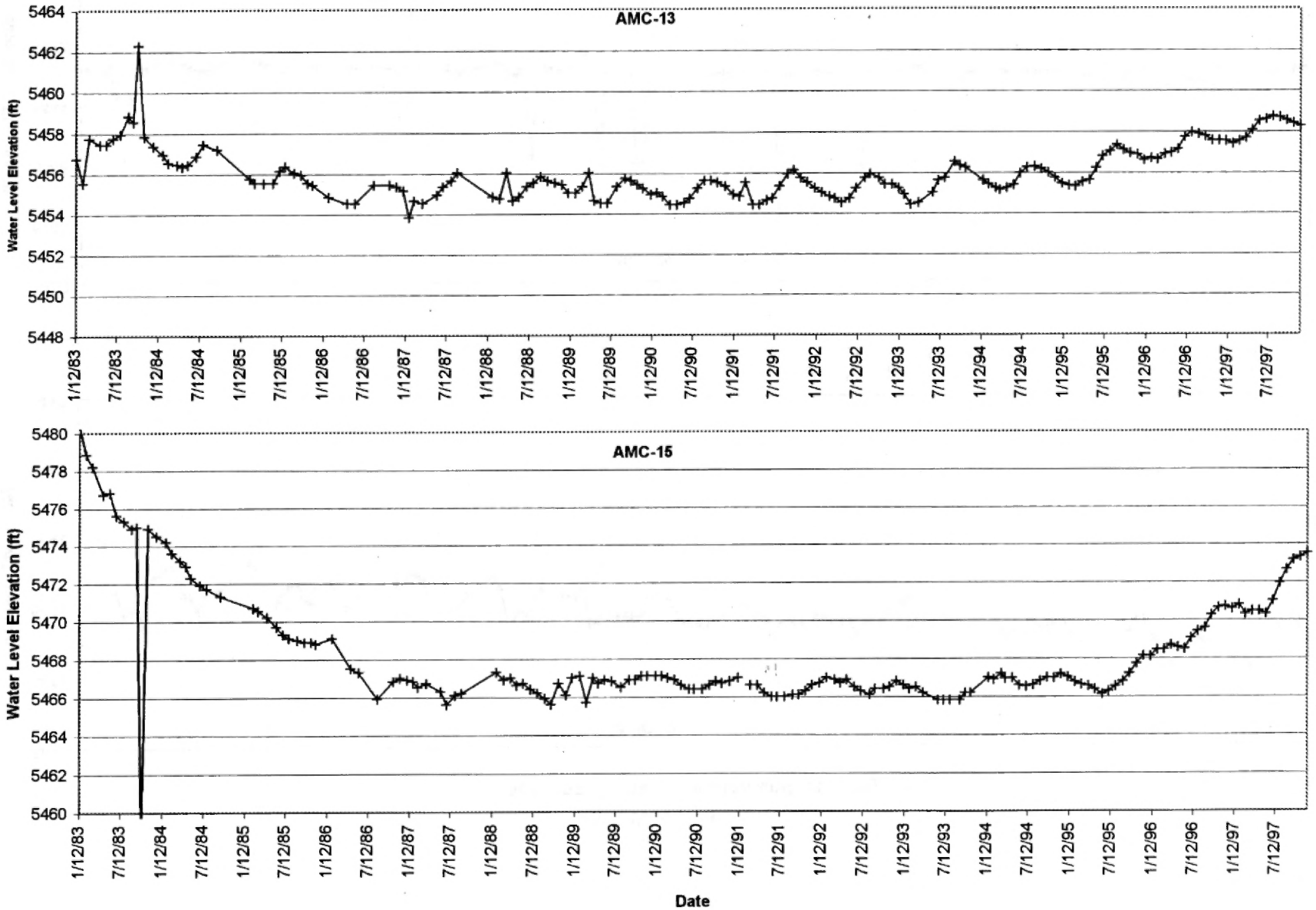


Appendix 2
Well AMC Hydrographs
Montana Bureau of Mines and Geology

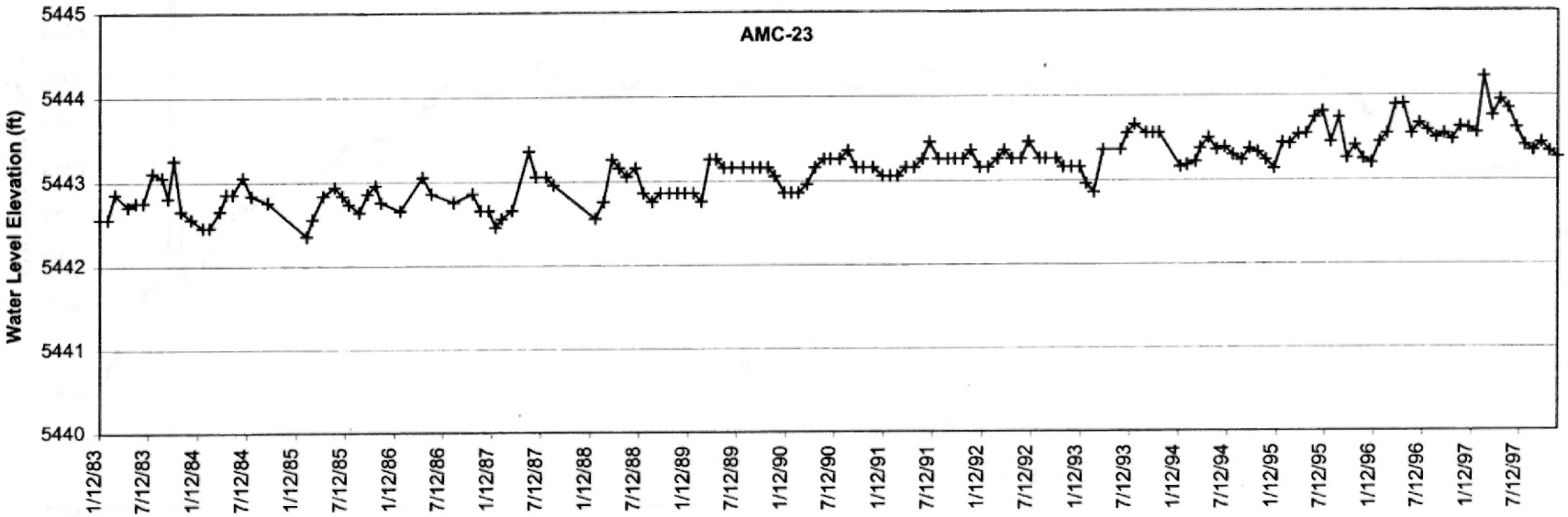


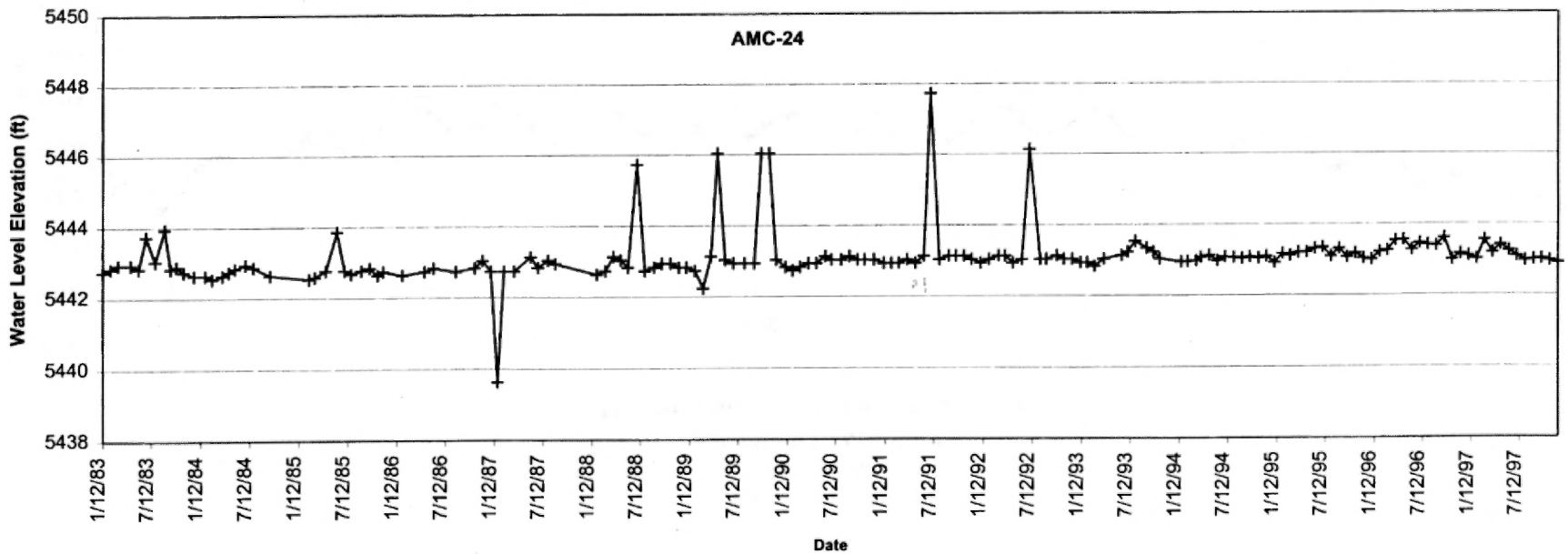


Appendix 2
AMC Well Hydrographs
Montana Bureau of Mines and Geology



Appendix 2
AMC Well Hydrographs
Montana Bureau of Mines and Geology





Appendix 3
LP Wells Monthly Water Level Data

Appendix 3

LP Wells Monthly Water Level Data [1]

Montana Bureau of Mines and Geology

Date	LP-01 (MP Elevation[1] 5619.70')	LP-02 (MP Elevation[1] 5624.70')	LP-03 (MP Elevation[1] 5566.00')	LP-04 (MP Elevation[1] 5585.00')	LP-05 (MP Elevation[1] 5583.90')	LP-06 (MP Elevation[1] 5713.18')	LP-07 (MP Elevation[1] 5617.00')	LP-08 (MP Elevation[1] 5577.29')	LP-09 (MP Elevation[1] 5561.52')	LP-10 (MP Elevation[1] 5609.12')
Jan-91										
Feb-91										
Mar-91			5548.78	5496.60	5475.09	5604.88				
Apr-91	5486.25	5493.87	5548.99	5496.76	5475.24	5605.07				
May-91	5485.41	5491.71	5547.97	5497.25	5479.03					
Jun-91	5485.58	5491.96	5548.82	5497.06	5479.90	5605.27				
Jul-91	5485.70	5491.90	5548.76	5498.27	5480.28	5605.41				
Aug-91	5486.21	5492.13	5547.33	5497.30	5480.32	5603.93				
Sep-91	5486.07	5492.23	5547.45	5496.53	5480.01	5604.08				
Oct-91										
Nov-91	5486.98	5492.52	5546.45	5497.77	5480.03	5604.22			5498.90	
Dec-91	5487.48	5492.96	5546.76	5497.98	5479.44	5604.42			5498.20	
Jan-92	5487.06	5492.41	5546.40	5497.34	5478.63	5604.06				
Feb-92	5487.51	5492.85	5546.87	5497.55	5478.87	5604.58			5496.00	
Mar-92	5487.37	5492.60	5546.99	5497.10	5478.32	5604.34			5495.10	
Apr-92	5487.39	5492.58	5547.09	5496.85	5477.80	5604.46	5535.26	5525.33	5494.82	5488.68
May-92	5486.75	5492.52	5546.74	5496.63	5480.55	5604.48	5534.53	5524.58	5493.89	5488.86
Jun-92	5486.74	5492.35	5546.24	5496.41	5479.98	5604.62	5533.70	5523.75	5492.98	5488.50
Jul-92	5486.64	5492.15	5546.09	5496.25	5479.52	5604.58	5533.09	5523.17	5492.70	5488.48
Aug-92	5486.69	5492.08	5546.34	5496.26	5479.30	5604.77	5532.56	5522.79	5492.40	5488.36
Sep-92	5486.34	5491.69	5546.33	5496.05	5478.76	5604.51	5532.21	5522.38	5491.72	5487.85
Oct-92	5486.37	5491.59	5546.00	5496.05	5478.55	5604.65	5532.00	5522.09	5491.46	5488.10
Nov-92	5486.36	5491.49	5545.87	5496.21	5478.37	5605.08	5531.80	5521.85	5491.24	5488.34
Dec-92	5486.34	5491.40	5546.10	5496.23	5478.36	5605.22	5531.47	5521.55	5491.04	5488.18
Jan-93	5485.78	5490.77	5546.30	5495.80	5477.71	5604.74	5531.02	5520.94	5490.85	5487.28
Feb-93	5485.82	5490.76	5546.35	5495.79	5477.62	5604.91	5530.74	5520.44	5490.52	5487.15
Mar-93	5486.02	5490.83	5546.58	5495.84	5477.72	5605.29	5530.39	5520.14	5490.55	5487.18
Apr-93	5485.78	5490.57	5546.05	5495.50	5477.42	5605.30	5529.82	5519.23	5489.99	5487.02
May-93	5485.57	5490.49	5545.79	5495.31	5477.24	5605.00	5529.72	5519.06	5489.83	5486.78
Jun-93	5485.52	5490.19	5545.52	5495.07	5476.93	5605.10	5529.05	5518.41	5489.52	5487.48
Jul-93	5485.09	5489.75	5546.21	5494.65	5476.57	5604.58	5528.70	5517.67	5489.41	5486.53
Aug-93	5485.32	5489.92	5546.66	5494.74	5476.40	5604.91	5528.48	5517.41	5488.91	5487.46
Sep-93	5485.27	5489.81	5547.64	5494.60	5476.15	5604.82	5528.26	5517.13	5488.83	5487.36
Oct-93	5485.00	5489.61	5547.34	5494.19	5475.73	5604.70	5527.90	5516.57	5488.75	5487.24
Nov-93	5485.28	5489.51	5547.35	5494.34	5475.86	5604.58	5527.92	5516.55	5488.89	5486.97
Dec-93	5485.43	5489.71	5547.94	5494.54	5475.94	5604.69	5528.41	5516.72	5488.80	5487.35
Jan-94	5485.34	5489.60	5546.90	5494.46	5475.74	5604.44	5528.52	5516.49	5488.38	5487.12
Feb-94	5485.26	5489.50	5546.14	5494.30	5475.59	5604.23	5528.42	5516.19	5488.23	5487.02
Mar-94	5485.41	5489.62	5545.83	5494.42	5475.71	5604.28	5528.30	5516.16	5488.15	5486.85
Apr-94	5485.52	5489.76	5545.58	5494.43	5475.76	5604.10	5527.96	5516.24	5487.73	5486.72
May-94	5485.44	5489.60	5545.53	5494.27	5475.68	5603.99	5527.46	5515.53	5487.33	5486.51
Jun-94	5485.17	5489.32	5545.18	5494.00	5475.35	5603.60	5527.13	5515.11	5487.12	5486.17
Jul-94	5484.98	5489.18	5545.44	5493.83	5474.99	5603.37	5526.62	5514.79	5486.29	5485.97
Aug-94	5484.94	5489.08	5546.05	5493.72	5474.91	5603.35	5526.48	5514.64	5486.00	5485.88
Sep-94	5484.85	5488.98	5546.89	5493.76	5474.80	5603.04	5526.53	5514.55	5485.59	5485.70

Appendix 3

LP Wells Monthly Water Level Data [1]

Montana Bureau of Mines and Geology

Date	LP-01 (MP Elevation[1] 5619.70')	LP-02 (MP Elevation[1] 5624.70')	LP-03 (MP Elevation[1] 5566.00')	LP-04 (MP Elevation[1] 5585.00')	LP-05 (MP Elevation[1] 5583.90')	LP-06 (MP Elevation[1] 5713.18')	LP-07 (MP Elevation[1] 5617.00')	LP-08 (MP Elevation[1] 5577.29')	LP-09 (MP Elevation[1] 5561.52')	LP-10 (MP Elevation[1] 5609.12')
Oct-94	5485.01	5489.09	5546.76	5493.93	5474.80	5603.07	5526.88	5514.57	5485.58	5485.63
Nov-94	5484.82	5488.88	5546.40	5493.78	5474.52	5602.68	5527.11	5514.57	5483.46	5485.47
Dec-94	5484.90	5488.91	5546.33	5493.97	5474.52	5602.41	5527.38	5514.61	5485.90	5485.21
Jan-95	5485.01	5488.97	5546.41	5494.16	5474.55	5602.27	5527.55	5514.91	5485.84	5485.09
Feb-95	5484.77	5488.68	5545.72	5494.10	5474.29	5601.92	5527.64	5514.82	5485.94	5484.76
Mar-95	5484.50	5488.44	5545.14	5493.98	5474.13	5601.46	5527.81	5514.74	5483.82	5484.53
Apr-95	5484.72	5488.68	5545.13	5494.41	5474.30	5601.66	5528.32	5515.04	5486.02	5484.57
May-95	5484.59	5488.54	5544.87	5494.52	5474.21	5601.53	5528.61	5515.14	5485.96	5484.46
Jun-95	5484.30	5488.24	5545.07	5494.56	5474.04	5601.45	5528.87	5515.28	5485.73	5484.42
Jul-95	5484.33	5488.29	5545.67	5494.88	5474.17	5601.70	5529.44	5515.78	5485.94	5484.64
Aug-95	5484.53	5488.47	5546.40	5495.29	5474.27	5602.10	5530.09	5516.30	5486.55	5484.66
Sep-95	5484.80	5488.71	5546.68	5495.81	5474.56	5602.53	5530.80	5516.98	5487.39	5484.70
Oct-95	5484.75	5488.63	5545.72	5496.19	5474.59	5602.50	5531.44	5517.55	5488.60	5484.68
Nov-95	5485.18	5489.02	5545.25	5496.92	5475.07	5603.09	5532.19	5518.43	5489.20	5484.83
Dec-95	5484.82	5488.72	5544.59	5496.91	5474.86	5602.88	5532.29	5518.91	5489.25	5484.64
Jan-96	5485.29	5489.13	5543.97	5497.49	5475.44	5604.12	5532.23	5519.39	5489.75	5484.86
Feb-96	5484.76	5488.75	5543.33	5497.09	5474.91	5603.92	5531.65	5519.34	5489.28	5484.70
Mar-96	5485.19	5489.16	5543.42	5497.61	5475.42	5604.55	5531.63	5519.67	5489.65	5484.91
Apr-96	5484.63	5488.64	5543.39	5497.17	5474.94	5604.12	5530.96	5519.32	5490.29	5484.88
May-96	5484.35	5488.37	5543.66	5496.88	5474.68	5604.34	5529.23	5519.05	5489.74	5484.96
Jun-96	5484.20	5488.23	5543.85	5496.76	5474.60	5604.48	5529.79	5518.85	5489.46	5485.14
Jul-96	5483.75	5487.82	5543.52	5496.46	5474.22	5604.22	5529.48	5518.73	5488.98	5485.31
Aug-96	5483.62	5487.60	5542.94	5496.39	5474.06	5604.47	5529.15	5518.51	5488.80	5485.46
Sep-96	5483.26	5487.27	5542.69	5496.04	5472.92	5604.36	5528.80	5518.23	5488.52	5485.44
Oct-96	5483.12	5487.10	5543.18	5495.97	5471.90	5604.62	5528.51	5518.04	5488.17	5485.75
Nov-96	5483.22	5487.23	5543.59	5496.00	5472.01	5604.90	5528.47	5518.07	5488.04	5485.77
Dec-96	5482.77	5486.72	5543.86	5495.63	5471.46	5604.89	5527.99	5517.77	5487.76	5485.84
Jan-97	5482.39	5486.38	5544.36	5495.35	5471.05	5604.36	5527.89	5517.58	5487.54	5485.66
Feb-97	5482.73	5486.68	5545.03	5495.60	5471.36	5604.32	5527.57	5517.44	5487.97	5485.69
Mar-97	5482.04	5485.99	5545.26	5494.92	5470.66	5604.14	5527.06	5516.91	5487.70	5485.73
Apr-97	5482.04	5486.39	5545.48	5494.76	5470.56	5604.34	5526.46	5516.45	5487.82	5485.85
May-97	5481.64	5485.44	5545.04	5494.29	5470.10	5603.92	5525.93	5515.92	5487.96	5485.83
Jun-97	5481.77	5485.55	5544.96	5494.19	5469.06	5603.86	5525.69	5515.78	5488.13	5485.82
Jul-97	5481.54	5485.26	5544.14	5493.88	5468.92	5603.69	5525.23	5515.28	5487.62	5485.99
Aug-97	5481.70	5485.43	5543.94	5493.92	5469.13	5603.87	5525.13	5515.25	5487.68	5486.10
Sep-97	5481.49	5485.20	5543.64	5493.76	5468.72	5603.73	5525.05	5515.13	5487.37	5486.12
Oct-97	5481.46	5485.15	5543.60	5493.79	5468.44	5603.86	5525.18	5515.14	5487.32	5486.20
Nov-97	5481.36	5484.97	5543.42	5493.79	5466.95	5603.84	5525.26	5515.06	5487.00	5486.08
Dec-97	5481.19	5484.86	5543.77	5493.90	5468.14	5609.52	5525.75	5515.14	5487.47	5486.07

[1] Water level data from AMC, ARCO, MSE, QST, and MBMG records

[2] MP Elevation - Elevation of measuring point, usually top of casing, USGS datum

*LP-17 - 1.80 ft cut off casing 11/96

Appendix 3

LP Wells Monthly Water Level Data [1]

Montana Bureau of Mines and Geology

Date	LP-11 (MP Elevation[1] 5609.61')	LP-12 (MP Elevation[1] 5543.82')	LP-13 (MP Elevation[1] 5543.05')	LP-14 (MP Elevation[1] 5525.68')	LP-15 (MP Elevation[1] 5520.23')	LP-16 (MP Elevation[1] 5519.88')	*LP-17 (MP Elevation[1] 5623.34/5621.54')
Jan-91							
Feb-91							
Mar-91							
Apr-91							
May-91							
Jun-91							
Jul-91							
Aug-91							
Sep-91							
Oct-91							
Nov-91							
Dec-91							
Jan-92				5460.25			
Feb-92				5460.50			
Mar-92				5460.63			
Apr-92	5353.79	5465.45	5458.59	5460.65	5434.83	5435.46	
May-92	5353.01	5465.52		5460.63	5434.63	5435.36	
Jun-92	5352.51	5465.51	5458.17	5460.62	5434.70	5435.43	
Jul-92	5352.22	5465.58	5458.23	5460.63	5434.85	5435.66	
Aug-92	5352.28	5465.72	5458.41	5460.80	5435.31	5436.12	
Sep-92	5351.94	5465.75	5458.45	5461.04	5435.29	5436.24	
Oct-92	5351.70	5465.77	5458.49	5461.04	5435.38	5436.39	
Nov-92	5351.90	5465.62	5458.55	5460.96	5435.47	5436.38	
Dec-92	5351.96	5465.76	5458.52	5460.95	5435.37	5436.35	
Jan-93	5351.10	5465.57	5458.33	5460.80	5435.24	5436.18	
Feb-93	5351.05	5465.51	5458.21	5460.75	5435.13	5436.12	
Mar-93	5351.09	5465.50	5458.15	5460.78	5435.22	5436.15	
Apr-93	5351.19	5465.25	5458.12	5460.58	5435.39	5436.34	
May-93	5350.93	5465.30	5458.10	5460.54	5435.28	5436.26	
Jun-93	5350.65	5465.49	5458.27	5460.66	5435.47	5436.44	
Jul-93	5349.91	5465.78	5458.55	5460.73	5435.79	5436.72	
Aug-93	5349.90	5466.24	5458.89	5461.07	5436.12	5437.00	
Sep-93	5349.59	5466.62	5459.18	5461.33	5436.47	5437.42	
Oct-93	5349.50	5466.72	5459.28	5461.58	5436.61	5437.51	
Nov-93	5349.51	5466.86	5459.48	5461.51	5436.82	5437.92	
Dec-93	5349.18	5467.18	5459.63	5462.13	5436.99	5438.18	
Jan-94	5349.41	5467.17	5459.60	5462.33	5436.88	5437.99	
Feb-94	5349.76	5466.98	5459.49	5462.46	5436.88	5437.98	
Mar-94	5349.91	5467.19	5459.59	5462.58	5436.94	5438.18	
Apr-94	5350.16	5467.18	5459.49	5462.50	5436.94	5438.10	
May-94	5350.31	5467.18	5459.45	5462.51	5437.00	5438.07	
Jun-94	5350.28	5466.96	5459.32	5462.36	5437.03	5438.15	
Jul-94	5350.27	5466.73	5459.22	5462.25	5436.85	5437.82	
Aug-94	5350.55	5466.46	5459.24	5462.20	5436.97	5437.84	
Sep-94		5466.41	5459.34	5462.29	5437.13	5437.99	

Appendix 3

LP Wells Monthly Water Level Data [1]

Montana Bureau of Mines and Geology

Date	LP-11 (MP Elevation[1] 5609.61')	LP-12 (MP Elevation[1] 5543.82')	LP-13 (MP Elevation[1] 5543.05')	LP-14 (MP Elevation[1] 5525.68')	LP-15 (MP Elevation[1] 5520.23')	LP-16 (MP Elevation[1] 5519.88')	*LP-17 (MP Elevation[1] 5623.34/5621.54')
Oct-94	5350.84	5466.27	5459.39	5462.34	5437.25	5438.11	
Nov-94	5350.89	5465.89	5459.23	5462.22	5437.25	5438.14	
Dec-94	5350.83	5465.77	5459.16	5462.04	5437.25	5437.02	5447.25
Jan-95	5350.92	5465.63	5459.04	5462.04	5437.30	5438.29	5449.08
Feb-95	5350.87	5465.34	5458.70	5461.30	5437.01	5437.92	5449.04
Mar-95	5350.76	5465.23	5458.57	5461.67	5437.01	5437.95	5448.89
Apr-95	5350.82	5465.43	5458.60	5461.22	5437.17	5438.20	5449.02
May-95	5350.79		5458.52	5461.59	5437.15	5438.20	5448.93
Jun-95	5350.62	5465.35	5458.62	5461.51	5437.62	5438.72	5448.98
Jul-95		5465.54	5458.90	5461.77	5438.12	5439.36	5449.40
Aug-95	5350.98	5465.64	5459.12	5461.98	5438.50	5439.80	5449.68
Sep-95	5351.17	5465.73	5459.22	5462.13	5438.35	5439.54	5449.77
Oct-95	5351.00	5465.61	5459.38	5462.41	5438.79	5440.05	5449.95
Nov-95	5351.00	5465.76	5459.65	5462.63	5439.11	5440.43	5450.27
Dec-95	5350.60	5465.61	5459.59	5462.22	5439.14	5440.59	5450.35
Jan-96	5351.10	5465.54	5459.64	5462.17	5439.29	5440.67	5450.38
Feb-96	5350.78	5465.44	5459.54	5462.16	5439.27	5440.76	5450.38
Mar-96	5350.87	5465.79	5459.82	5462.37	5439.55	5441.06	5450.71
Apr-96	5350.49	5465.92	5459.80	5462.46	5439.62	5441.15	5450.79
May-96	5350.49	5466.05	5459.87	5462.59	5439.66	5441.22	5450.70
Jun-96	5350.53	5466.21	5459.99	5463.15	5439.84	5441.35	5450.85
Jul-96	5350.31	5466.54	5460.38	5462.93	5440.18	5441.61	5451.14
Aug-96	5350.47	5466.72	5460.71	5463.62	5440.23	5441.75	5451.22
Sep-96	5350.33	5466.80	5460.79	5463.31	5440.37	5441.76	5451.31
Oct-96	5350.59	5467.14	5461.17	5463.72	5440.72	5442.13	5451.71
Nov-96	5350.74	5467.28	5461.19	5463.87	5440.83	5442.31	5451.96
Dec-96	5350.83	5467.48	5461.33	5464.29	5440.93	5442.36	5452.01
Jan-97	5350.48	5467.49	5461.29	5464.25	5440.86	5442.41	5452.25
Feb-97	5350.41	5467.64	5461.31	5464.36	5440.82	5442.46	5452.39
Mar-97	5350.43	5467.58	5461.24	5464.14	5440.69	5442.30	5452.24
Apr-97	5350.64	5467.68	5461.36	5464.10	5440.90	5442.20	5452.23
May-97	5350.50	5467.63	5461.27	5464.01	5440.83	5442.12	5452.11
Jun-97	5350.48	5468.01	5461.55	5464.48	5441.19	5442.51	5452.62
Jul-97	5350.56	5468.21	5461.88	5464.60	5441.57	5442.75	5452.58
Aug-97	5350.61	5468.57	5462.36	5465.04	5441.88	5443.02	5452.98
Sep-97	5350.60	5469.03	5462.78	5465.63	5442.21	5443.35	5453.31
Oct-97	5350.75	5469.46	5463.17	5466.23	5442.56	5443.74	5453.75
Nov-97	5350.79	5469.51	5463.32	5466.21	5442.61	5443.72	5453.81
Dec-97	5350.74	5469.90	5463.57	5466.93	5442.92	5444.13	5454.33

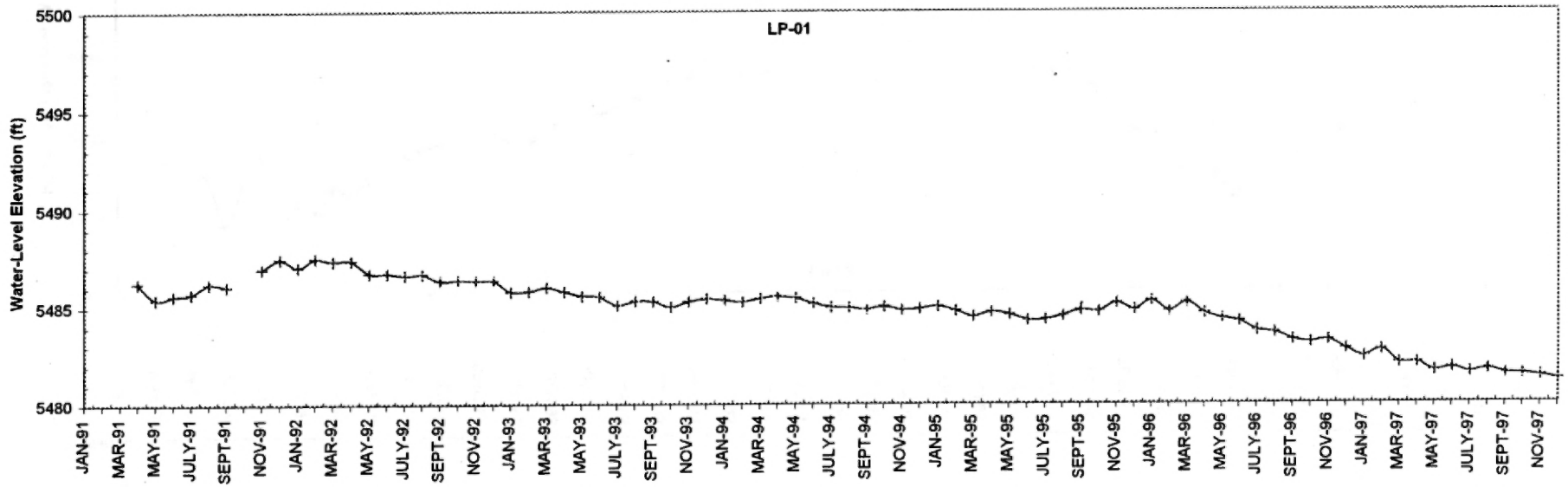
[1] Water level data from AMC, ARCO, MSE, QST, and MBMG records

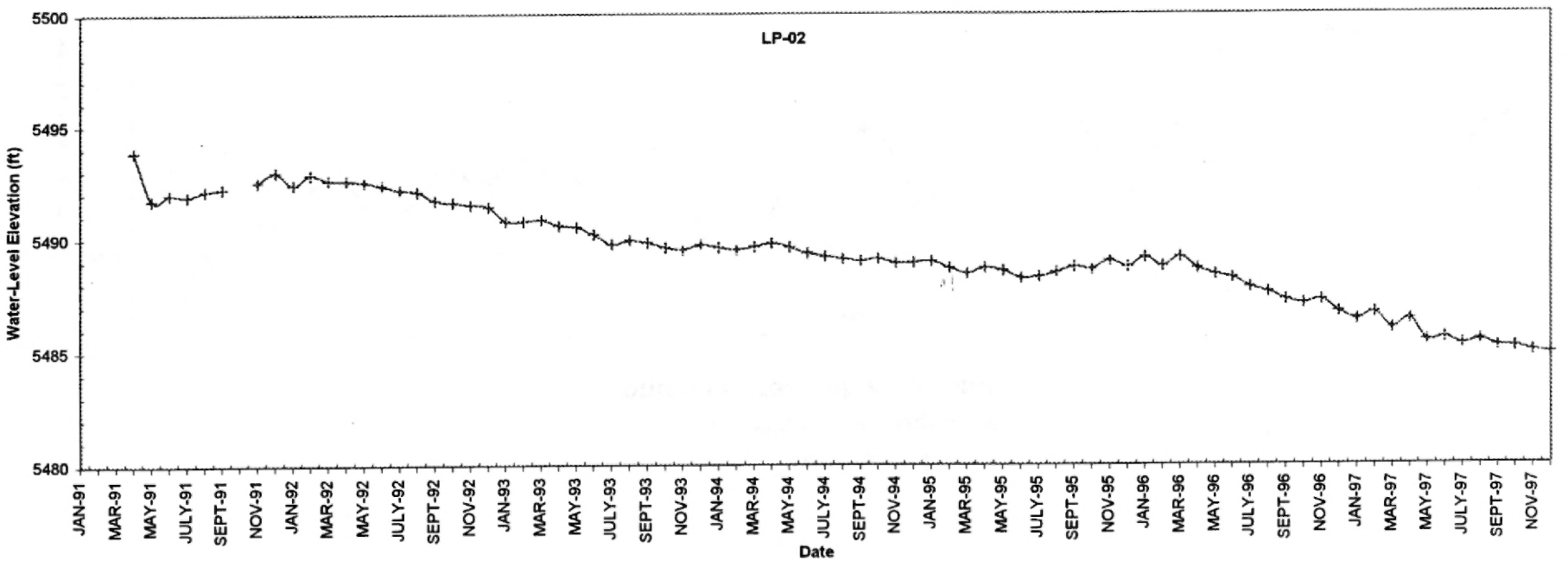
[2] MP Elevation - Elevation of measuring point, usually top of casing, USGS datum

*LP-17 - 1.80 ft cut off casing 11/96

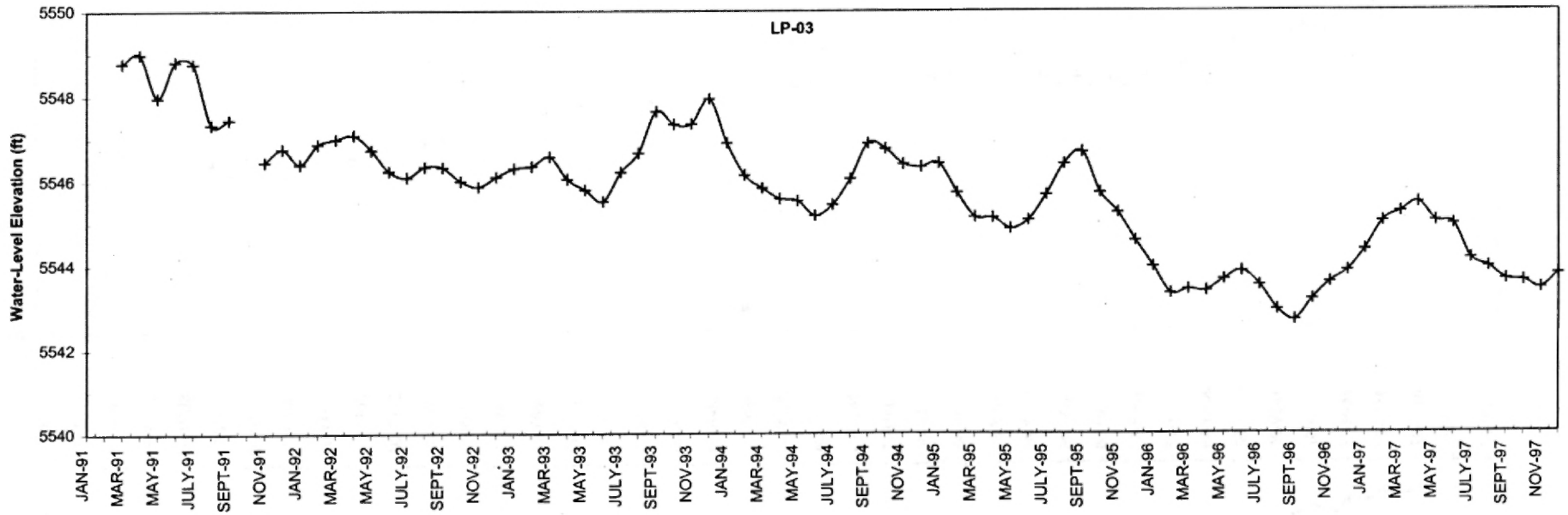
Appendix 4
LP Wells Hydrographs

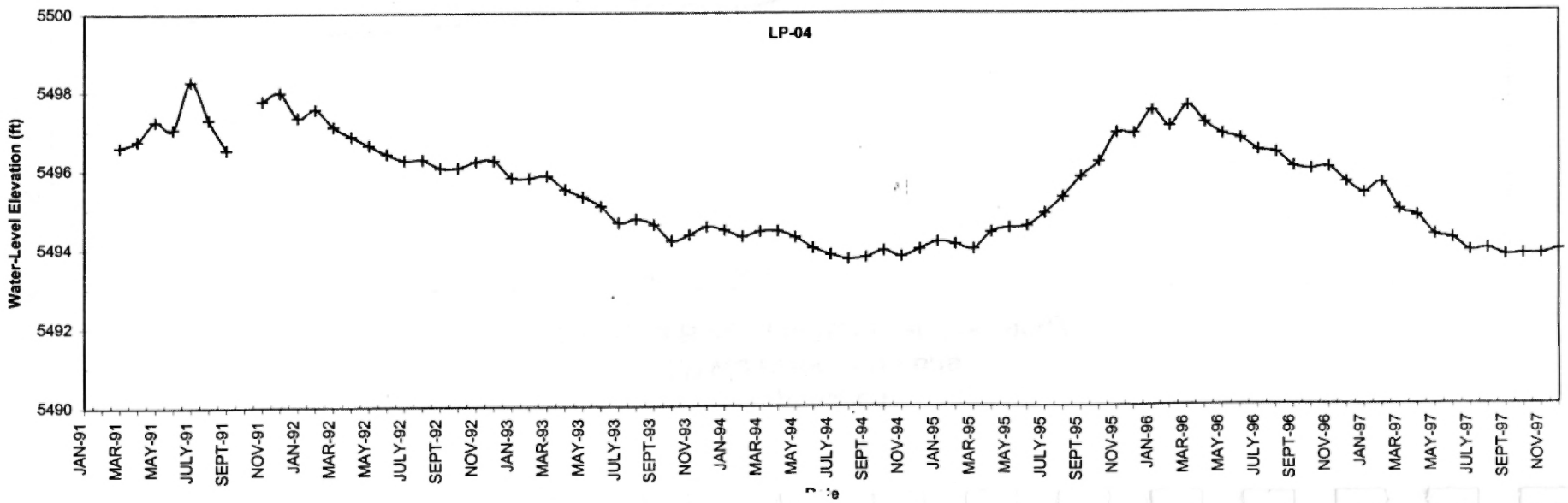
Appendix 4
LP Wells Hydrographs
Montana Bureau of Mines and Geology



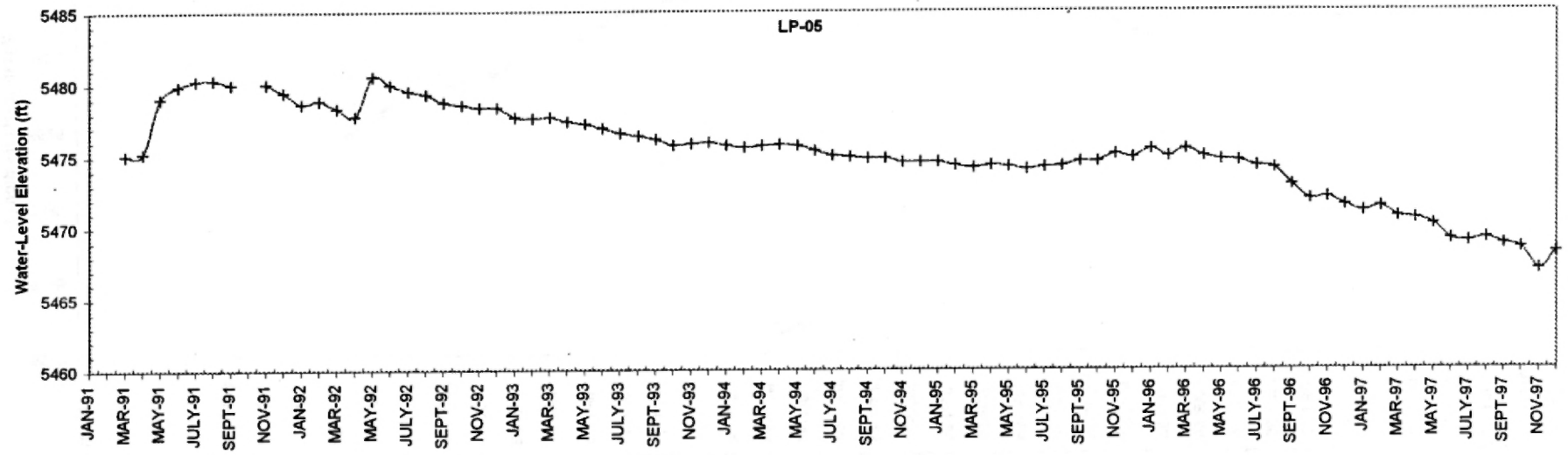


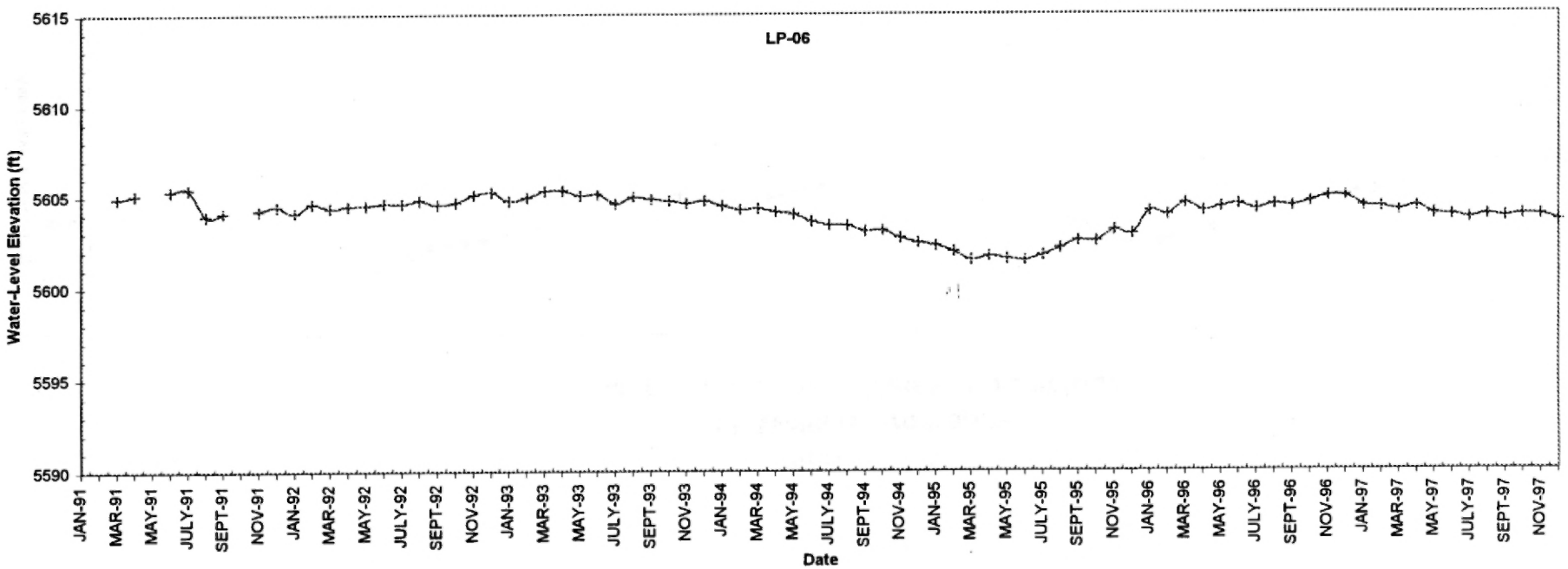
Appendix 4
LP Wells Hydrographs
Montana Bureau of Mines and Geology



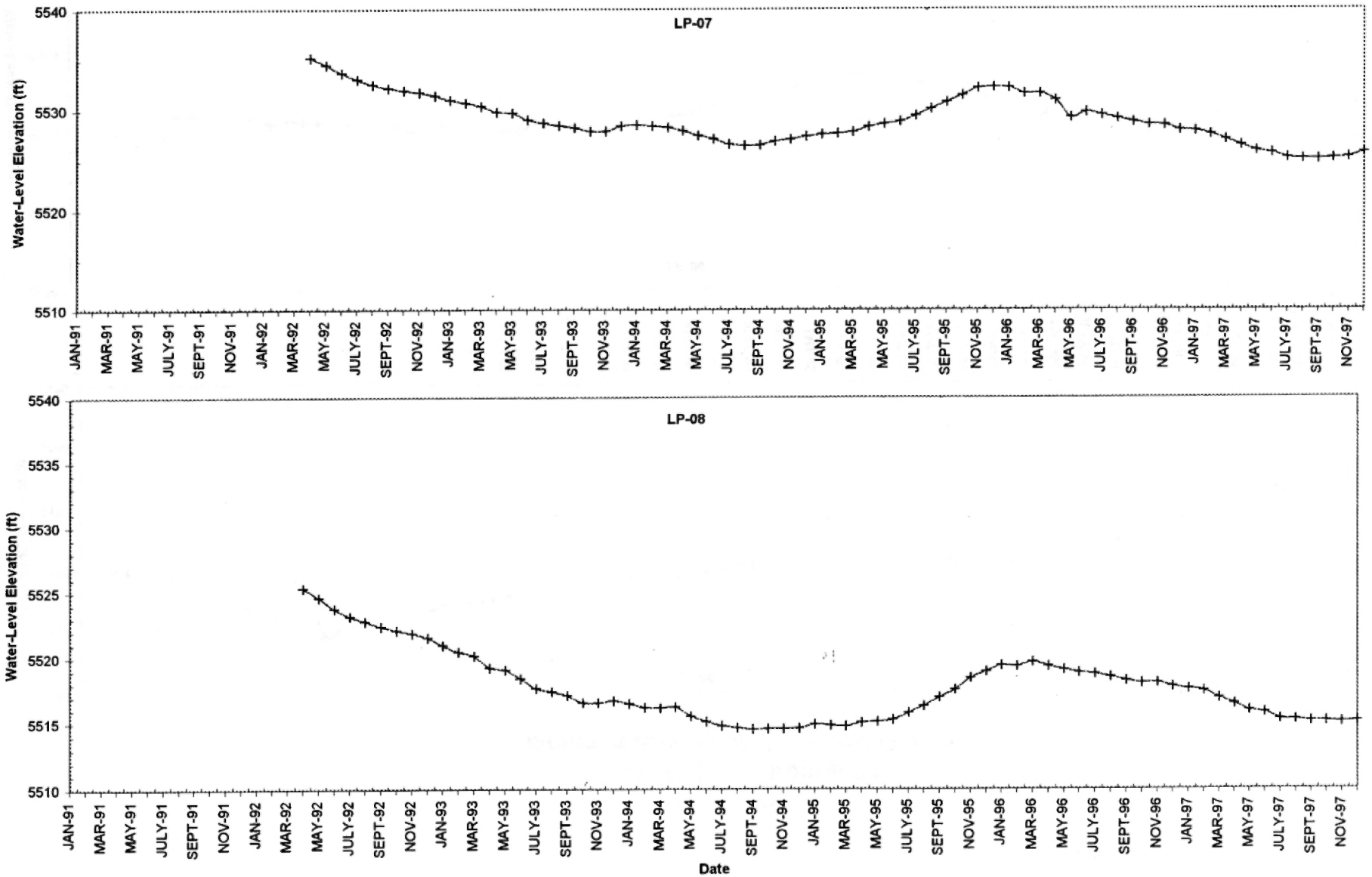


Appendix 4
LP Wells Hydrographs
Montana Bureau of Mines and Geology

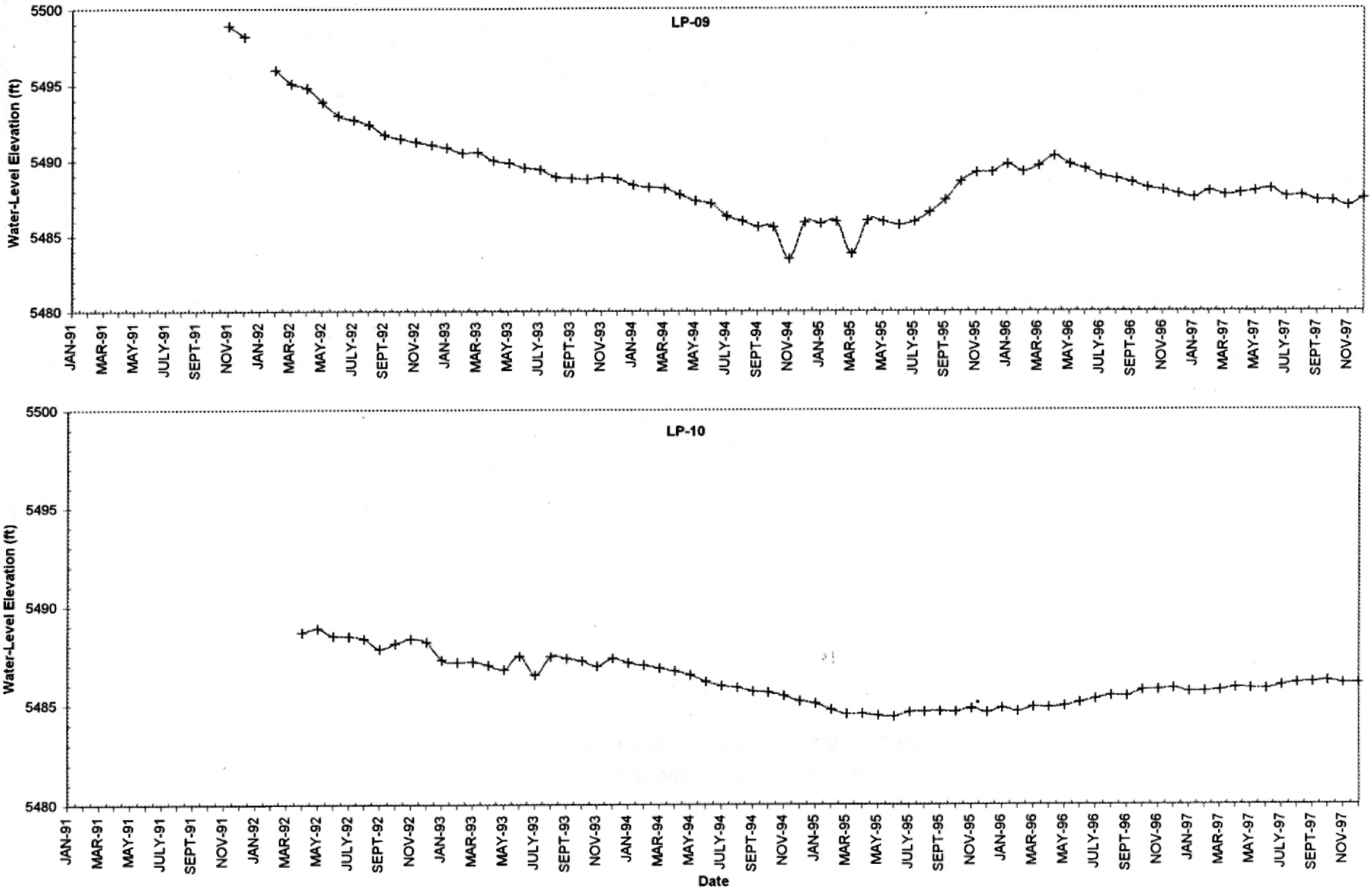




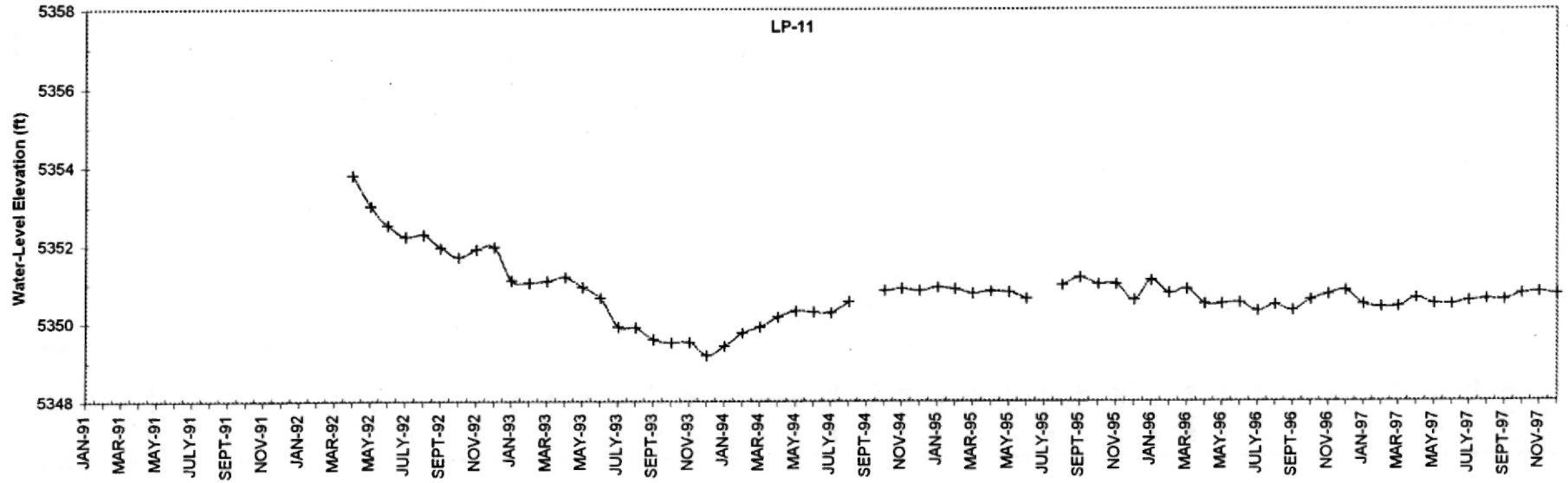
Appendix 4
LP Wells Hydrographs
Montana Bureau of Mines and Geology

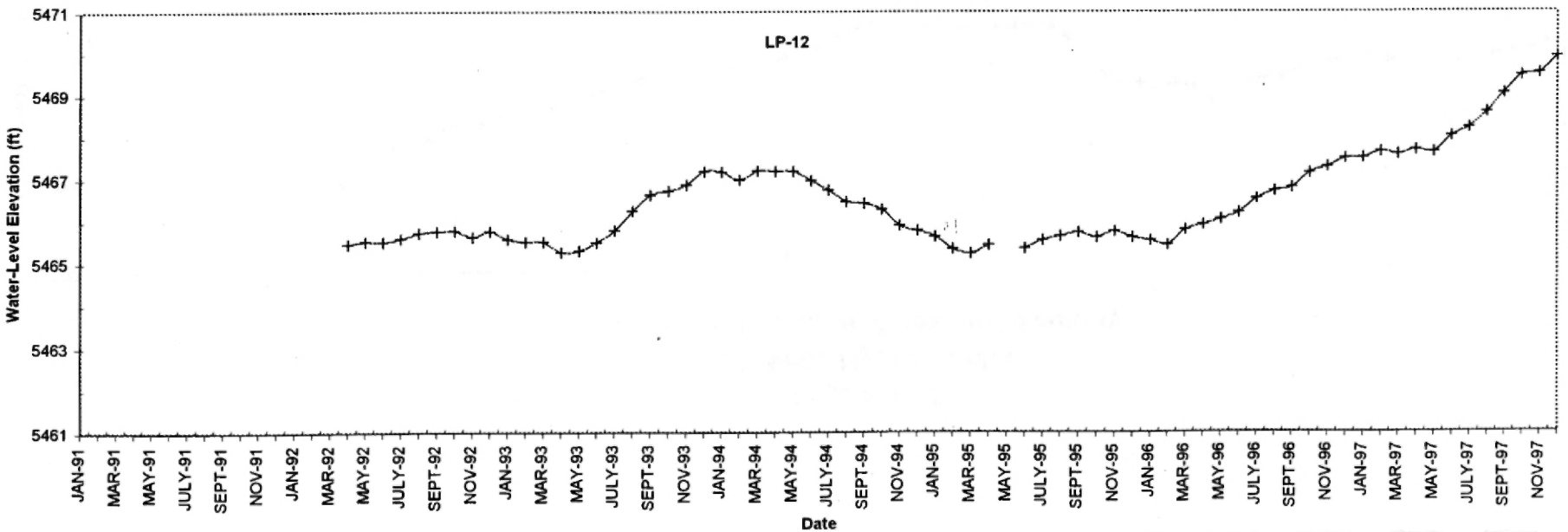


Appendix 4
LP Wells Hydrographs
Montana Bureau of Mines and Geology

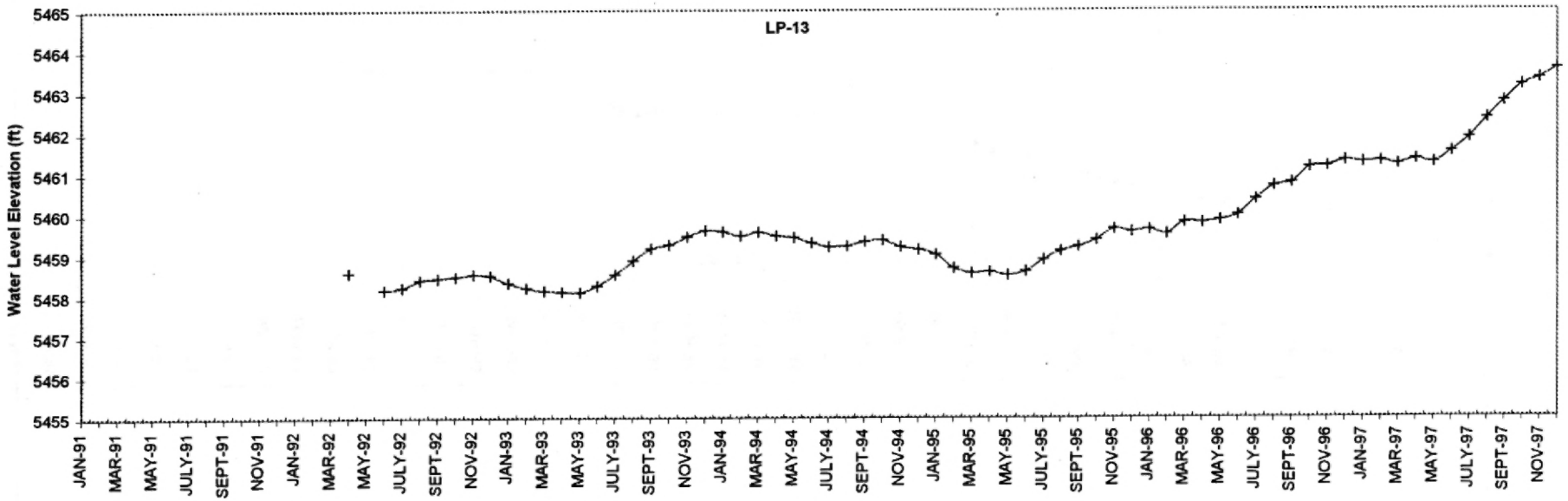


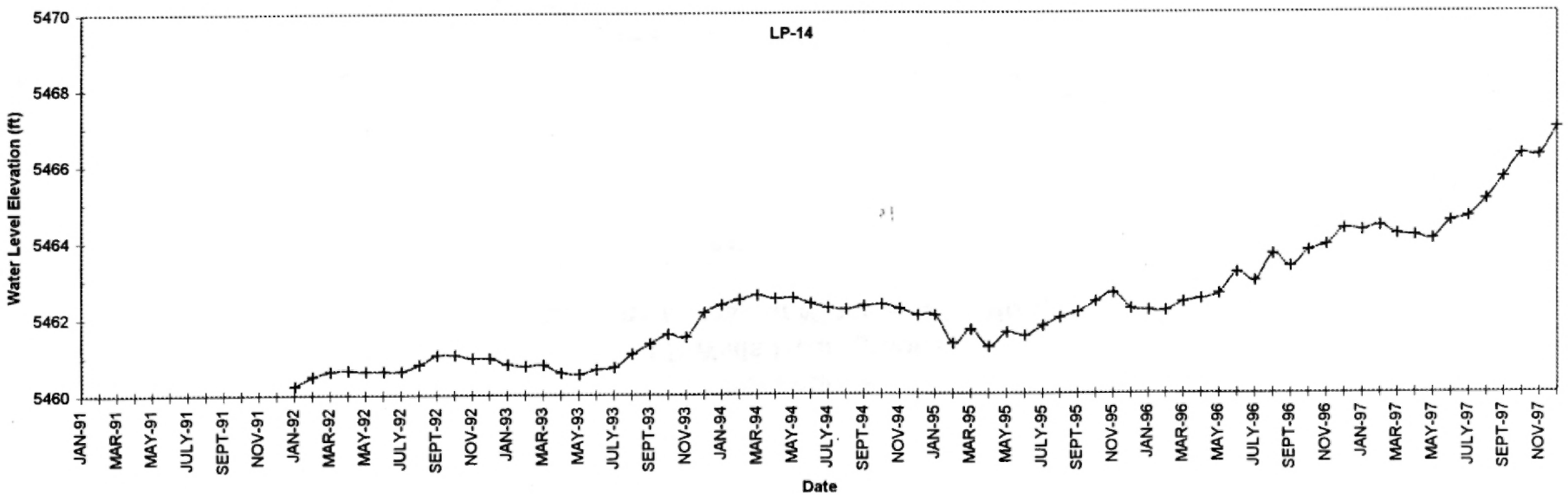
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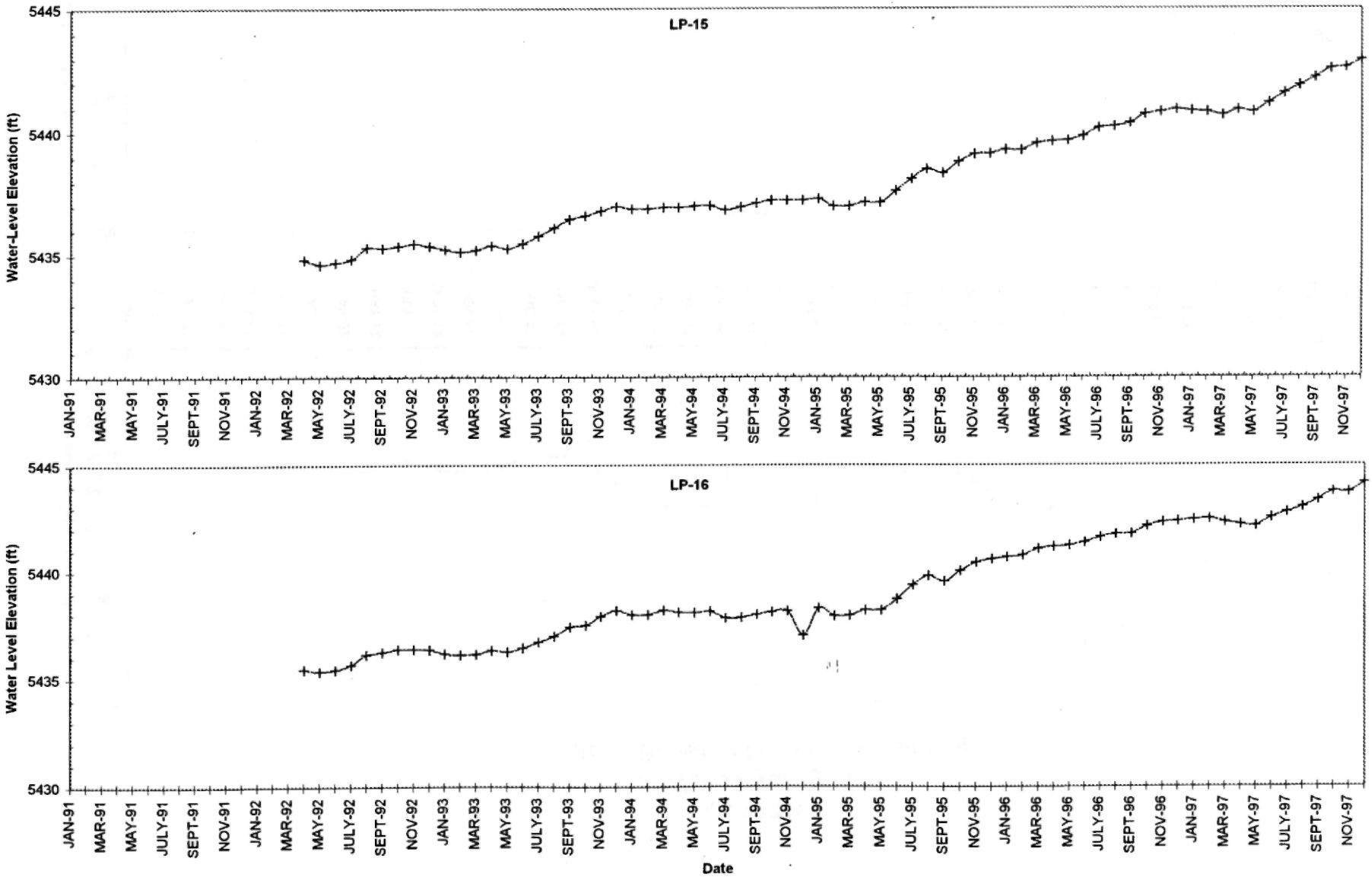


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LP Wells Hydrographs
Montana Bureau of Mines and Geology

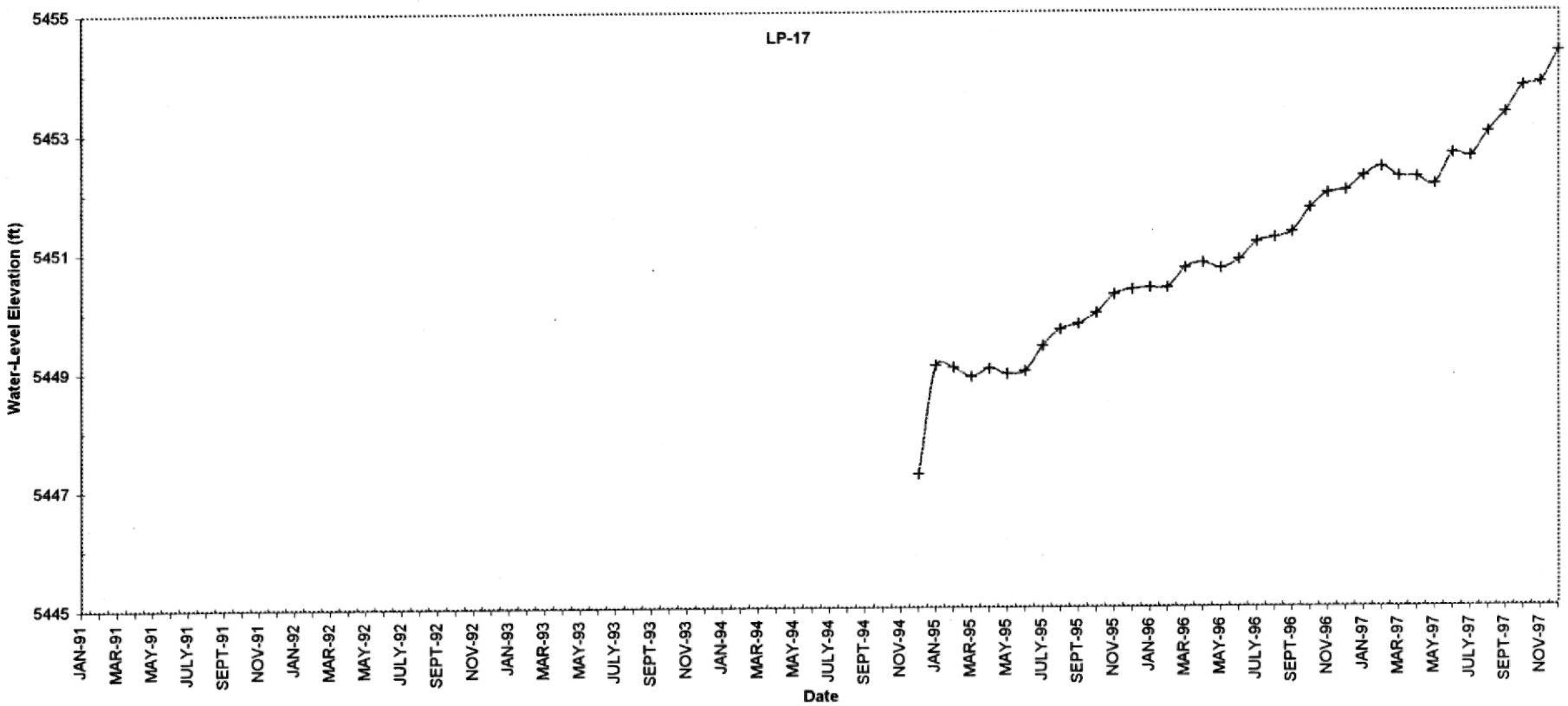




Appendix 4
LP Wells Hydrographs
Montana Bureau of Mines and Geology



Appendix 4
LP Wells Hydrographs
Montana Bureau of Mines and Geology



Appendix 5
GS Wells Monthly Water Level Data

Appendix 5
Monthly GS Wells Water Level Data
Montana Bureau of Mines and Geology

Date	GS-41S (MP Elevation[1] 5491.90')	GS-41D (MP Elevation[1] 5491.30')	GS-42S (MP Elevation[1] 5471.40')	GS-42D (MP Elevation[1] 5471.10')	GS-44S (MP Elevation[1] 5476.20')	GS-44D (MP Elevation[1] 5476.20')	GS-45 (MP Elevation[1] 5490.90')	GS-46S (MP Elevation[1] 5483.80')	GS-46D (MP Elevation[1] 5484.00')
01/06/93	5458.14	5457.49	5457.08	5456.61	5456.88	5456.22	5459.28	5458.32	5459.08
02/03/93	5457.88	5457.22	5456.51	5456.37	5456.56	5455.94	5459.06	5458.05	5458.83
03/04/93	5457.56	5456.95	5456.56	5456.14			5458.79	5457.80	5458.55
04/05/93	5457.72	5457.12	5457.19	5456.39	5456.21		5457.92	5457.57	5458.38
05/03/93	5457.78	5457.14	5457.35	5456.48	5456.20	5455.73	5459.02	5457.49	5458.28
06/02/93	5457.81	5457.17	5457.39	5456.51	5456.49	5455.96	5459.00	5457.51	5458.33
07/07/93	5458.48	5457.87	5458.12	5457.29	5457.28	5456.65	5459.47	5458.08	5458.84
08/04/93	5458.79	5458.17	5458.29	5457.52	5457.67	5456.96	5459.78	5458.65	5459.34
09/02/93	5459.20	5458.61	5458.65	5457.95	5458.18	5457.43	5460.15	5459.06	5459.75
10/04/93	5459.37	5458.71	5458.65	5457.95	5458.25	5457.47	5460.62	5459.56	5460.18
11/03/93	5459.20	5458.58	5458.36	5457.77	5458.27	5457.59	5461.73	5459.51	5460.14
11/30/93	5459.13	5458.49	5458.20	5457.64	5457.85	5457.16	5460.74	5459.44	5460.10
01/04/94	5458.90	5458.27	5457.90	5457.45	5457.50	5456.88	5460.57	5459.12	5459.86
02/03/94	5458.67	5458.04	5457.70	5457.19	5457.24	5456.65	5460.32	5458.87	5459.65
03/03/94	5458.49	5457.89	5457.53	5457.03	5457.03	5456.47	5460.09	5458.67	5459.47
04/06/94	5458.56	5457.95	5457.49	5457.00	5457.02	5456.45	5461.13	5458.65	5459.41
05/03/94	5458.27	5457.69	5457.64	5456.93	5456.72	5456.22	5459.68	5458.30	5459.12
06/02/94	5458.39	5457.83	5457.81	5457.07	5456.89	5456.45	5459.76	5458.38	5459.21
07/01/94	5458.40	5457.85	5457.82	5457.10	5457.06	5456.49	5459.70	5458.37	5459.15
07/28/94	5458.70	5458.21	5458.12	5457.52	5457.65	5457.05	5459.92	5458.80	5459.63
08/30/94	5458.99	5458.45	5458.33	5457.77	5458.10	5457.37	5460.30	5459.45	5460.17
09/27/94	5459.08	5458.55	5458.14	5457.70	5458.25	5457.47	5460.47	5459.77	5460.48
10/31/94	5459.25	5458.70	5458.35	5457.84	5458.05	5457.38	5460.60	5459.77	5460.50
12/12/94	5459.18	5458.57	5458.20	5457.65	5457.73	5458.09	5460.45	5459.52	5460.28
01/03/95	5459.10	5458.50	5457.90	5457.39	5457.50	5456.88	5460.29	5459.30	5460.10
01/30/95	5458.72	5458.10	5457.67	5457.15	5457.22	5456.64	5460.03	5459.06	5459.85
02/27/95	5458.64	5458.07	5457.80	5457.19			5459.97	5458.80	
03/29/95	5458.80	5458.15	5458.00	5457.24			5460.21	5458.67	
04/28/95	5458.80	5458.18	5458.29	5457.30	5457.00	5456.52	5460.18	5458.55	5459.35
05/26/95	5458.88	5458.24	5458.38	5457.34	5457.28	5457.73	5460.20	5458.60	5459.40
06/27/95	5459.45	5458.85	5458.94	5458.01	5457.93	5457.32	5460.54	5459.07	5459.85
07/28/95	5459.97	5459.30	5459.19	5458.16	5459.15	5458.36	5461.16	5460.28	5460.98
08/31/95	5460.32	5459.62	5459.25	5458.42	5459.06	5458.19	5461.68	5460.36	5461.00
09/28/95	5460.99	5460.22	5459.65	5458.87	5459.47	5458.61	5462.55	5460.87	5461.53
11/01/95	5460.70	5459.97	5459.30	5458.62	5459.17	5458.38	5462.68	5461.03	5461.65
12/05/95	5460.64	5459.92	5459.36	5458.60	5458.95	5458.24	5462.68	5460.86	5461.52
12/29/95	5460.45	5459.76	5459.16	5458.46	5458.82	5458.14	5462.61	5460.68	5461.40
02/07/96	5460.20	5459.52	5458.88	5458.25	5458.55	5457.89	5462.44	5460.37	5461.14
03/01/96	5460.24	5459.55	5458.97	5458.30	5458.58		5462.44	5460.29	5461.09
04/01/96	5460.37	5459.67	5459.38	5458.46	5458.55		5462.47	5460.19	
05/01/96	5460.62	5459.89	5459.97	5458.64	5458.69	5458.12	5462.61	5460.12	5460.97
05/31/96	5460.76	5460.06	5460.08	5458.89	5458.87	5458.29	5462.64	5460.25	5461.09
06/25/96	5460.88	5460.16	5460.02	5458.98	5459.17	5458.50	5462.69	5460.53	5461.35
08/01/96	5461.15	5460.46	5460.02	5459.22	5459.76	5459.00	5462.81	5461.39	5462.10
09/09/96	5461.31	5461.67	5460.05	5459.42	5460.21	5459.33	5462.96	5461.98	
09/27/96	5461.28	5460.58	5459.98	5459.37	5460.19	5459.34	5463.13	5462.07	5462.76
11/01/96	5462.34	5461.65	5459.67	5459.17	5459.96		5463.11	5461.97	
12/09/96			5459.69	5459.19	5459.94	5458.92	5462.93	5461.85	5462.44
01/02/97		5461.41	5459.69	5459.20		5459.03		5461.66	5462.60

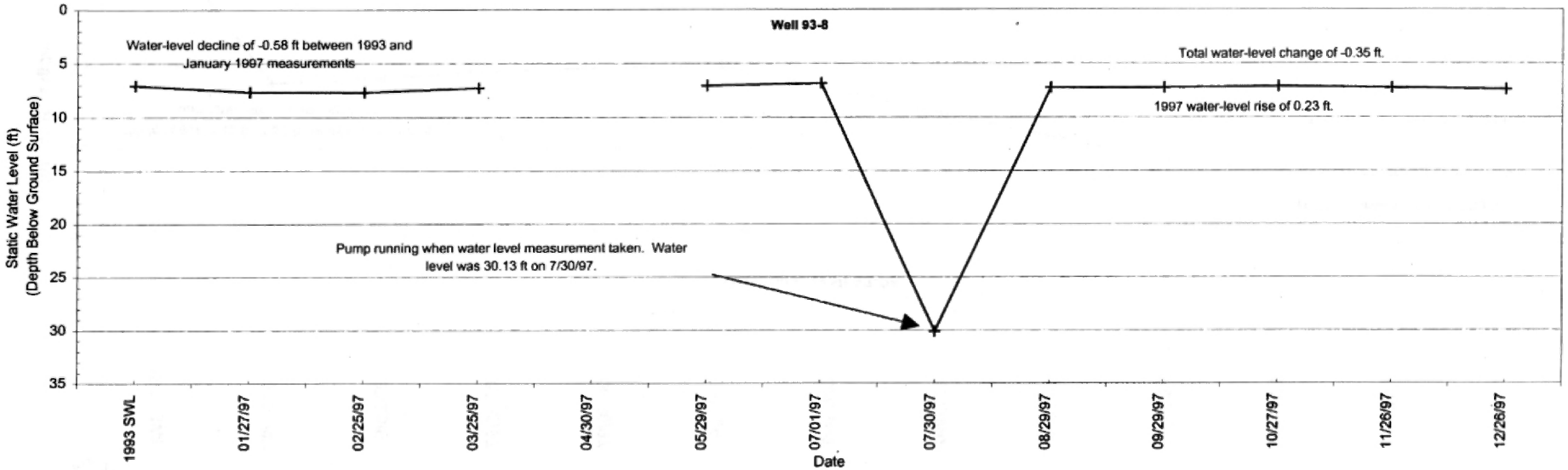
Appendix 5
Monthly GS Wells Water Level Data
Montana Bureau of Mines and Geology

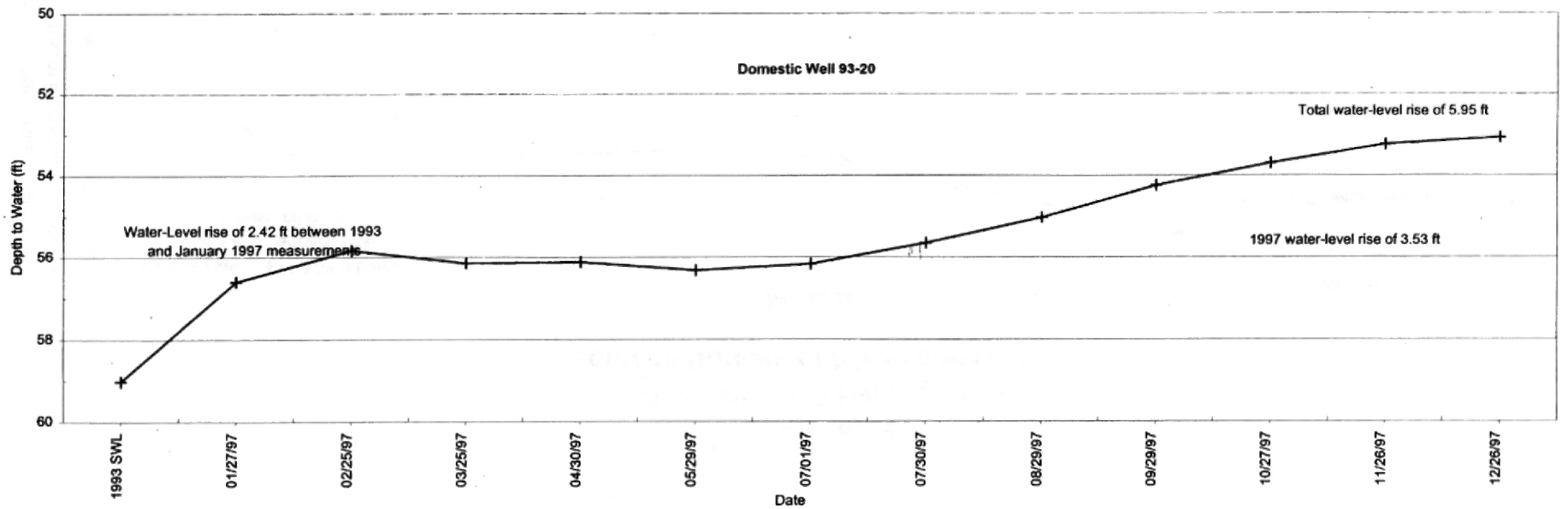
Date	GS-41S (MP Elevation[1] 5491.90')	GS-41D (MP Elevation[1] 5491.30')	GS-42S (MP Elevation[1] 5471.40')	GS-42D (MP Elevation[1] 5471.10')	GS-44S (MP Elevation[1] 5476.20')	GS-44D (MP Elevation[1] 5476.20')	GS-45 (MP Elevation[1] 5490.90')	GS-46S (MP Elevation[1] 5483.80')	GS-46D (MP Elevation[1] 5484.00')
02/10/97	5461.81	5461.12	5459.57	5458.92		5458.89		5461.58	5461.30
02/27/97	5461.81	5461.12	5459.80	5459.00				5461.53	
03/28/97	5462.69	5461.81	5460.98	5459.36	5459.74			5461.49	
04/29/97	5461.81	5460.87	5461.17	5459.58	5459.83	5459.13	5463.40	5461.51	5462.08
05/29/97	5461.76	5461.01	5461.11	5459.72	5460.11	5459.35	5463.38	5461.62	5462.44
07/01/97	5462.30	5461.60	5461.24	5460.18	5460.92	5460.04	5463.78	5462.45	5463.20
08/05/97	5462.50	5461.78	5461.12	5460.26	5461.14	5460.18	5464.16	5463.01	5463.72
09/07/97	5462.76	5461.98	5461.04	5460.36	5461.22	5460.28	5464.64	5463.38	5464.08
10/03/97	5462.71	5461.92	5460.94	5460.31	5461.18	5460.26	5464.74	5463.38	5464.18
11/11/97	5462.40	5461.72	5460.68	5460.16	5460.84	5460.05	5464.62	5463.10	5464.02
12/03/97	5462.52	5461.75	5460.42	5460.04	5460.68	5459.95	5464.64	5462.95	5463.92

[1] MP Elevation - Elevation of measuring point, usually top of casing, USGS datum

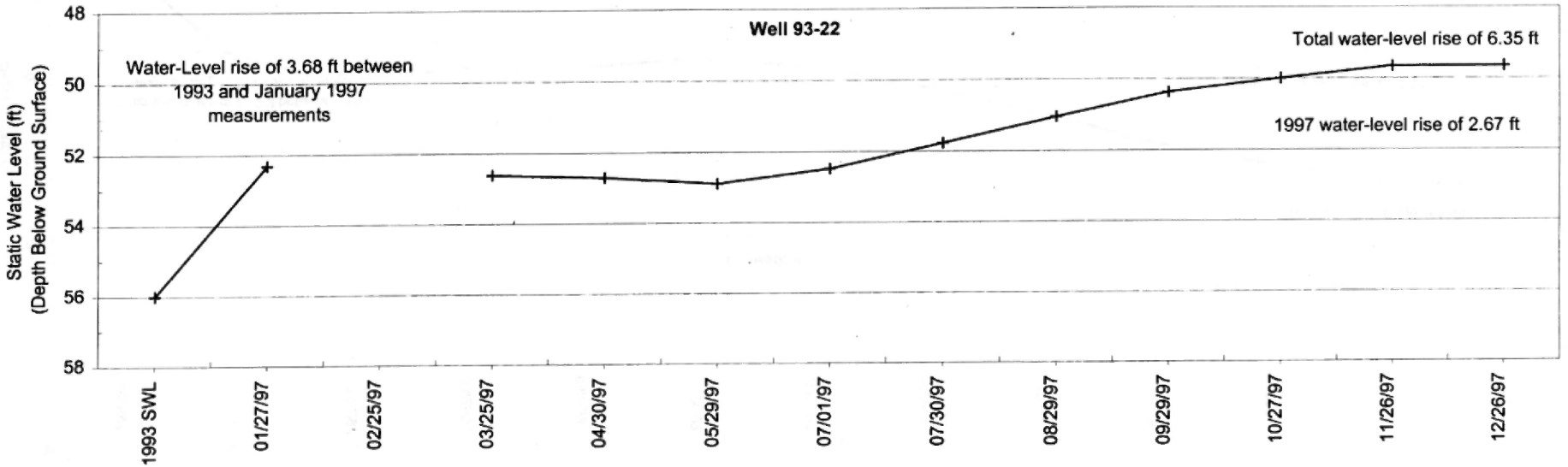
Appendix 6
Domestic Wells Hydrographs

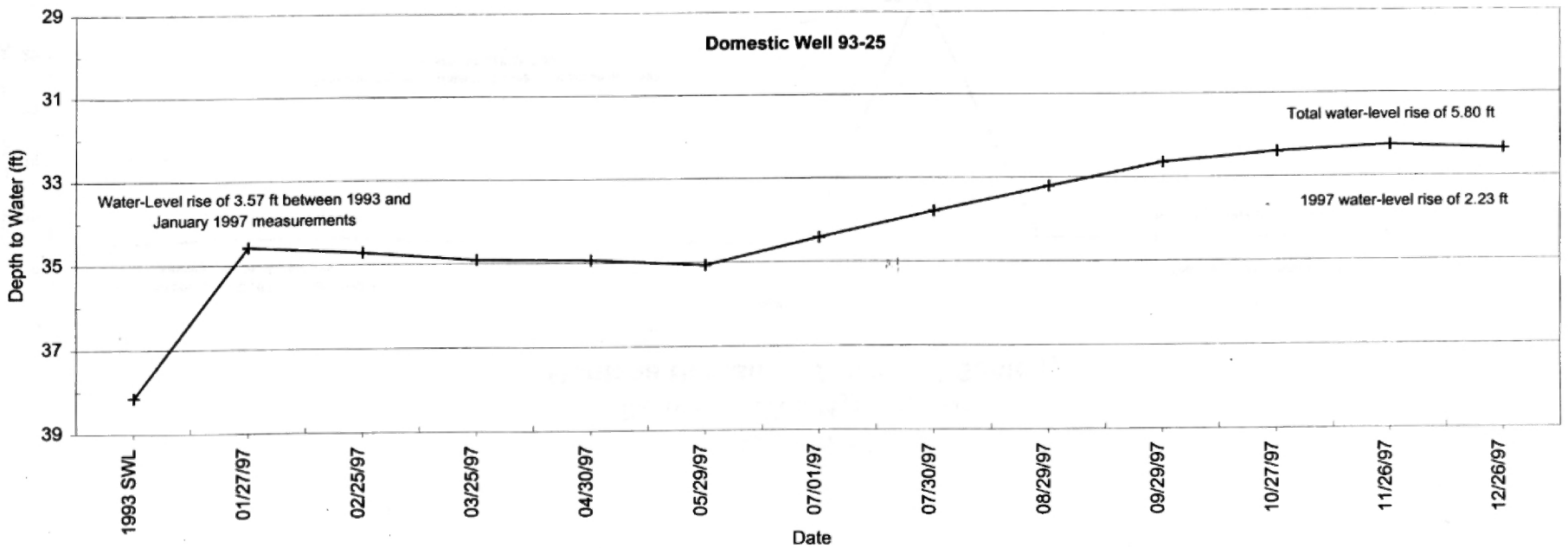
Appendix 6
Domestic Well Hydrographs
Montana Bureau of Mines and Geology



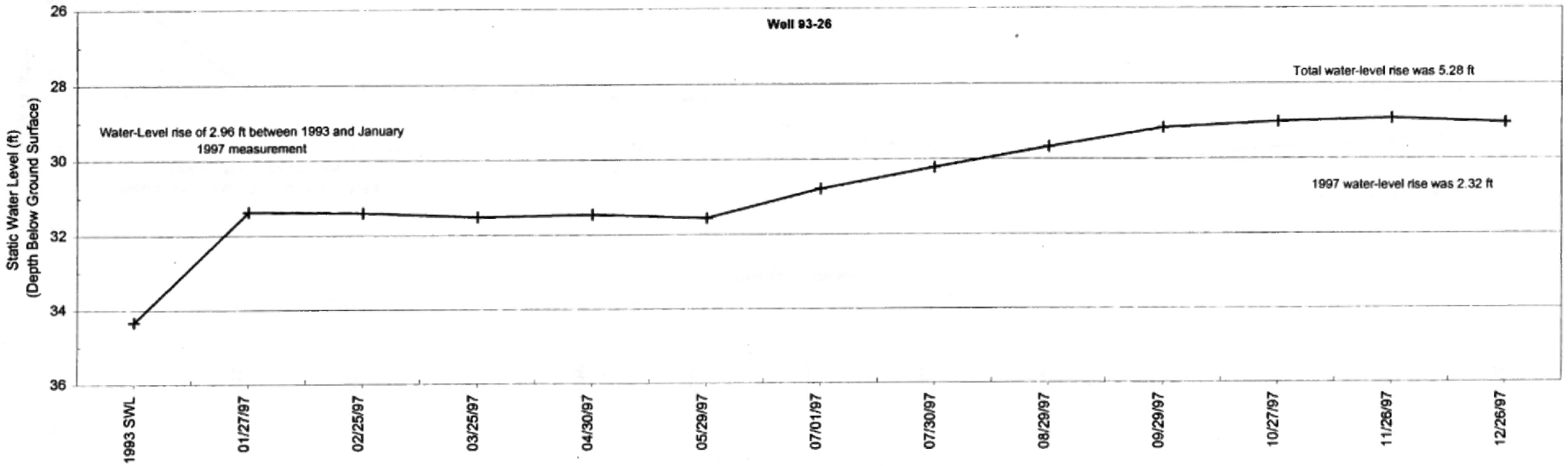


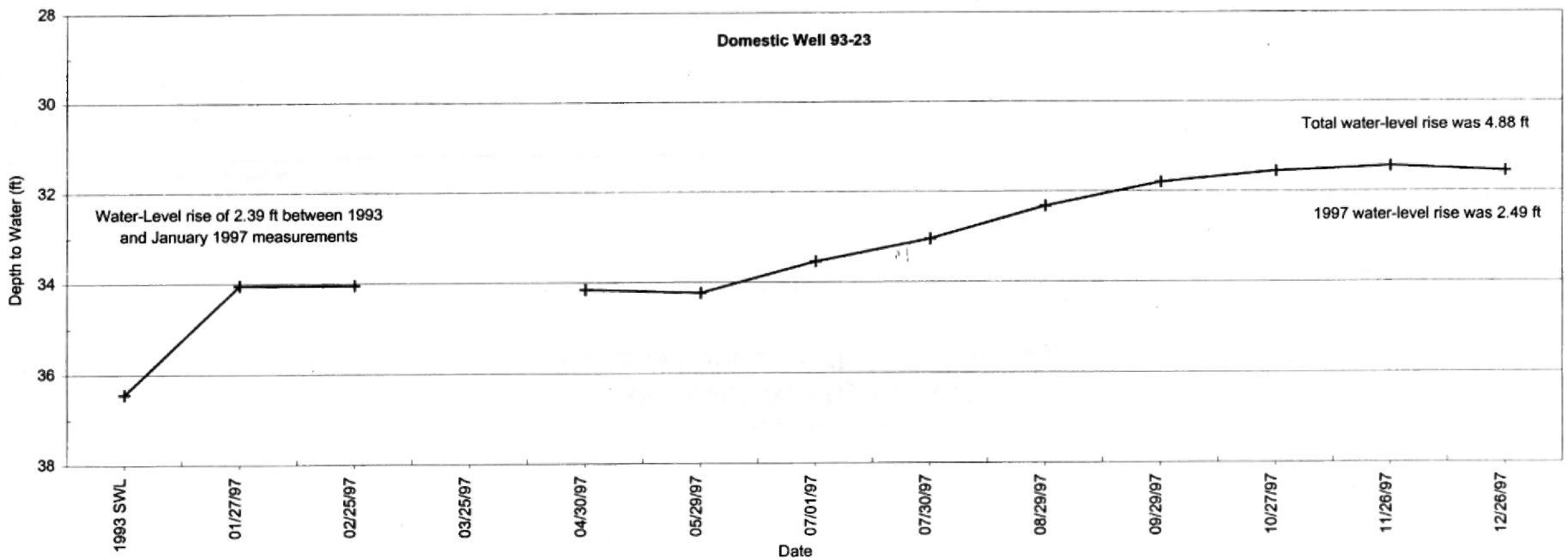
Appendix 6
Domestic Well Hydrographs
Montana Bureau of Mines and Geology



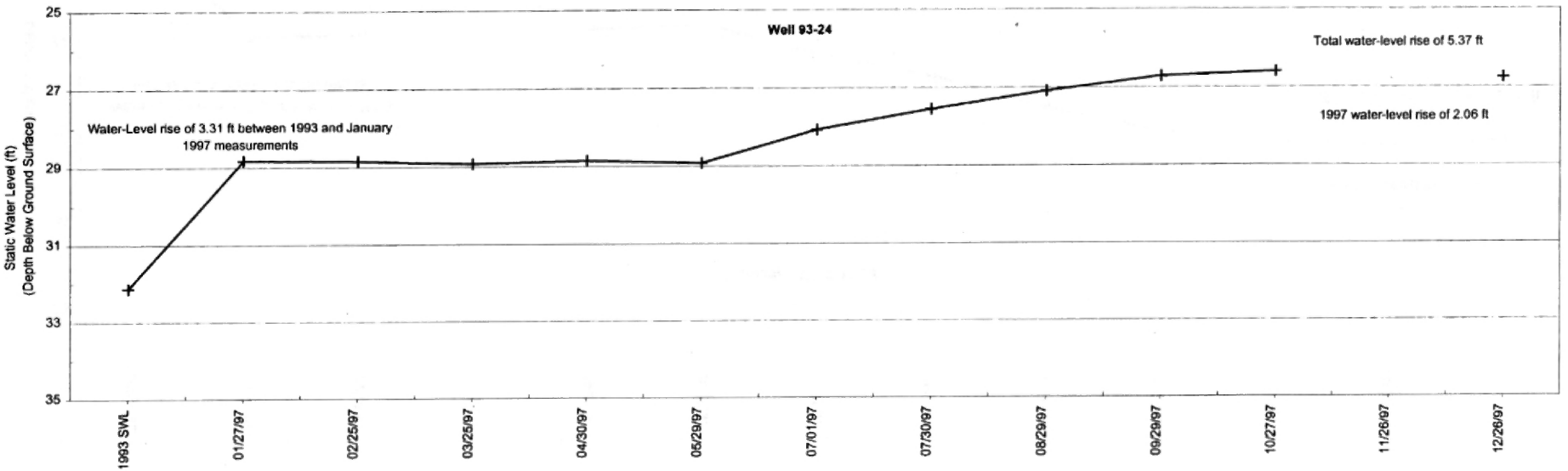


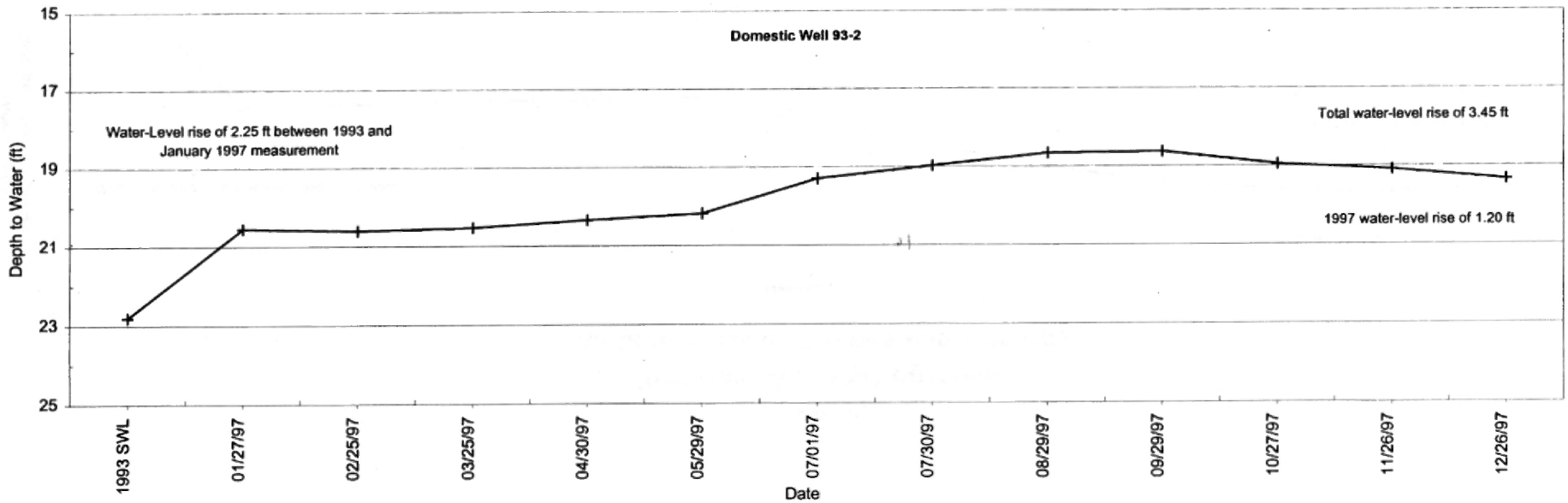
Appendix 6
Domestic Well Hydrographs
Montana Bureau of Mines and Geology



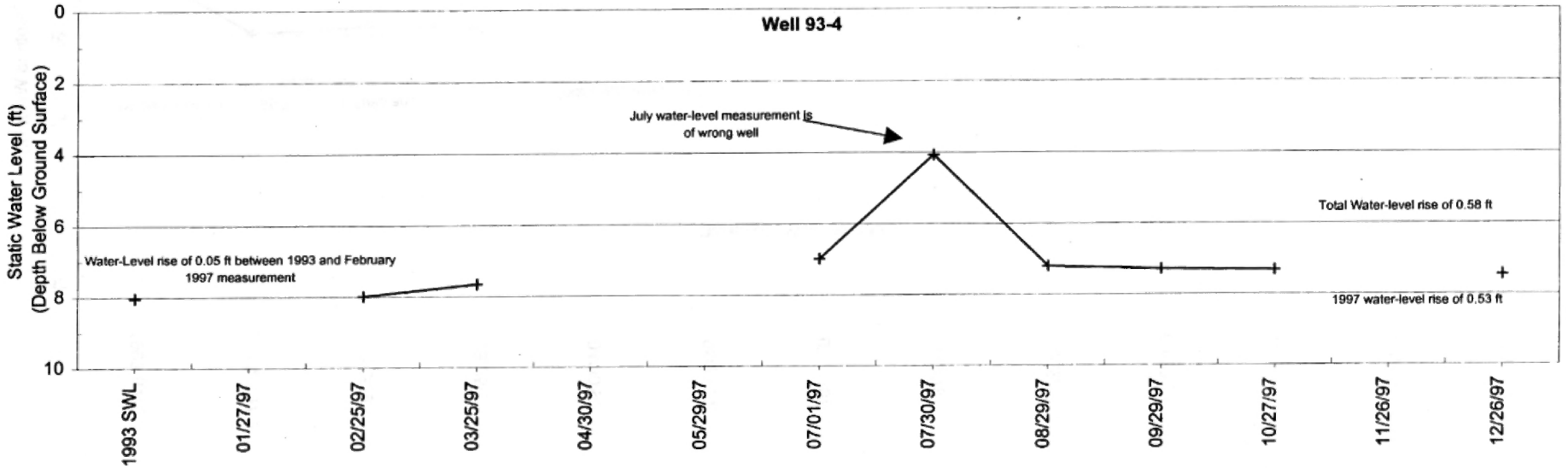


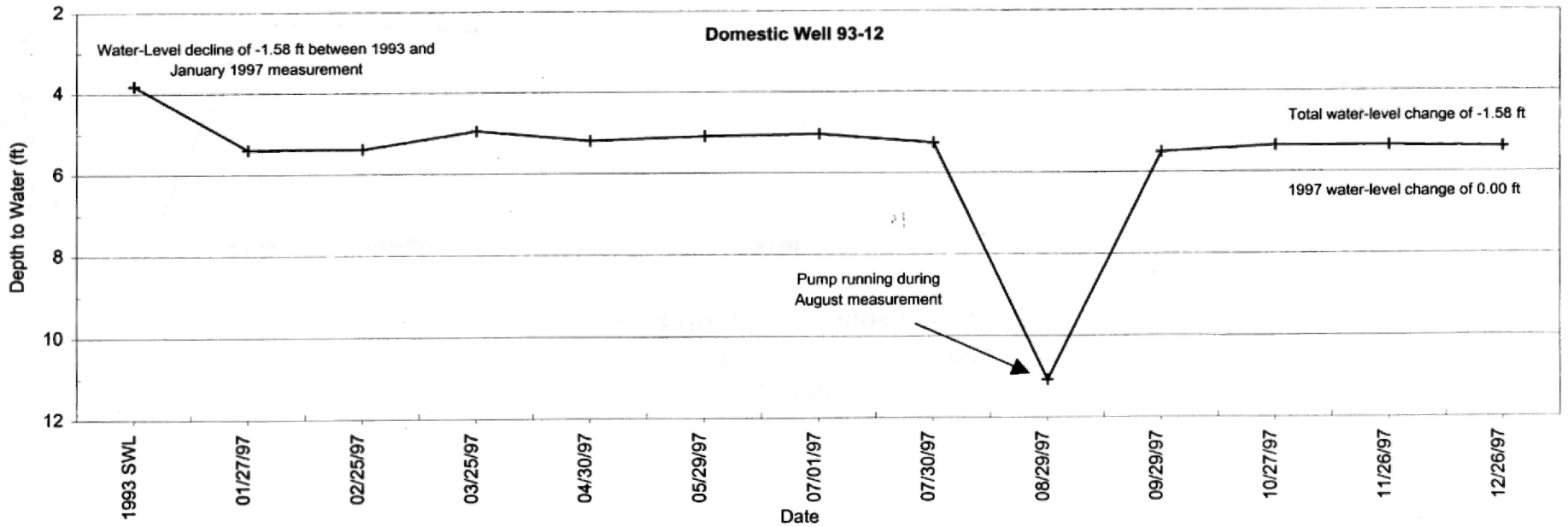
Appendix 6
Domestic Well Hydrographs
Montana Bureau of Mines and Geology



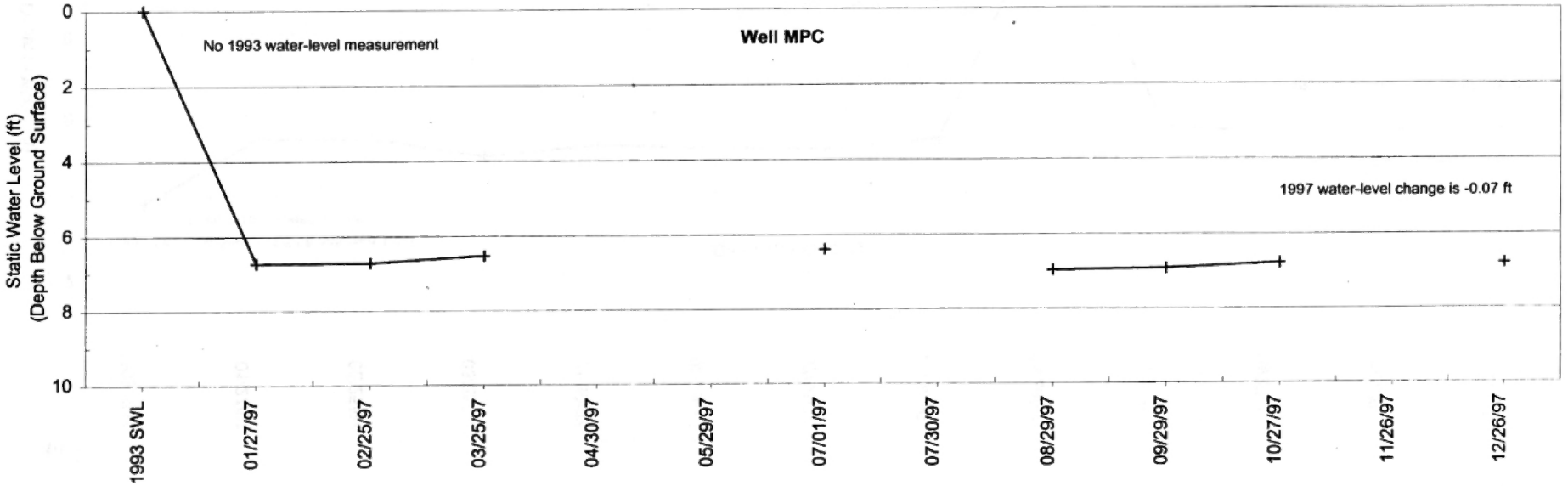


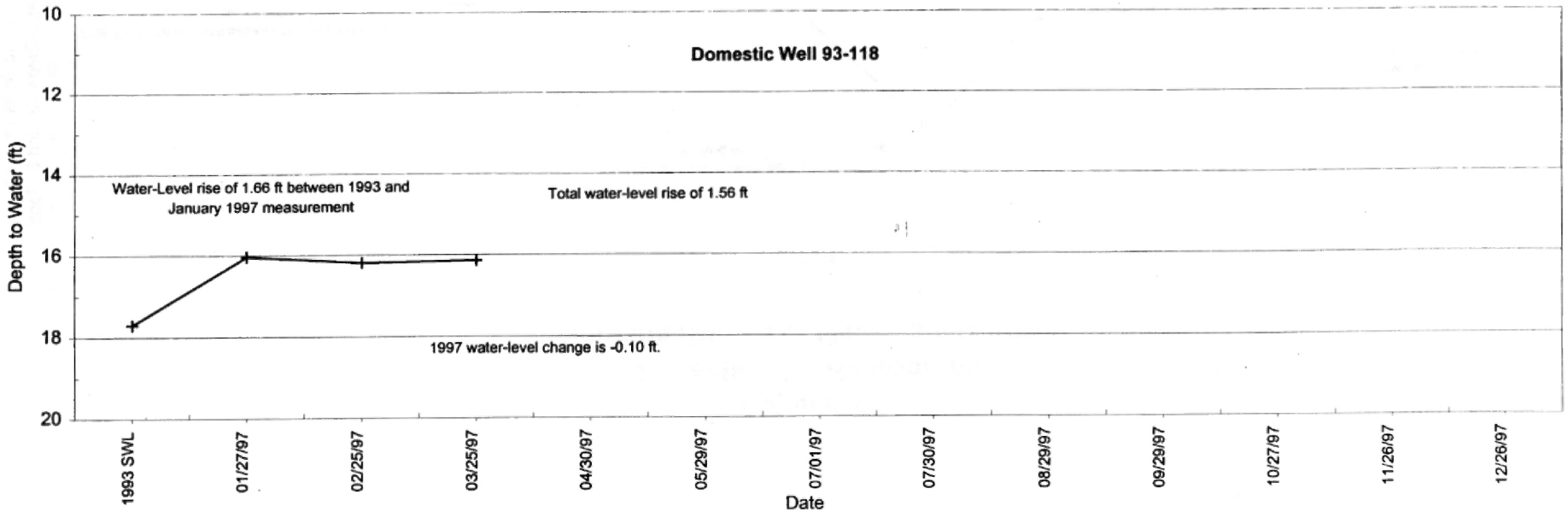
Appendix 6
Domestic Well Hydrographs
Montana Bureau of Mines and Geology



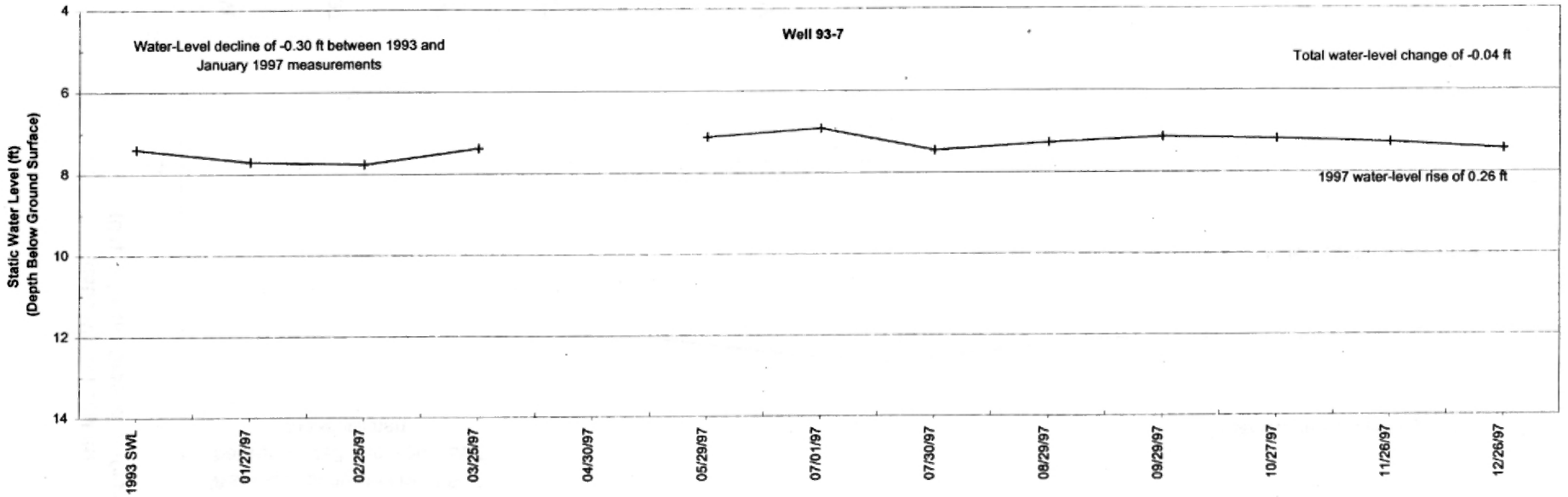


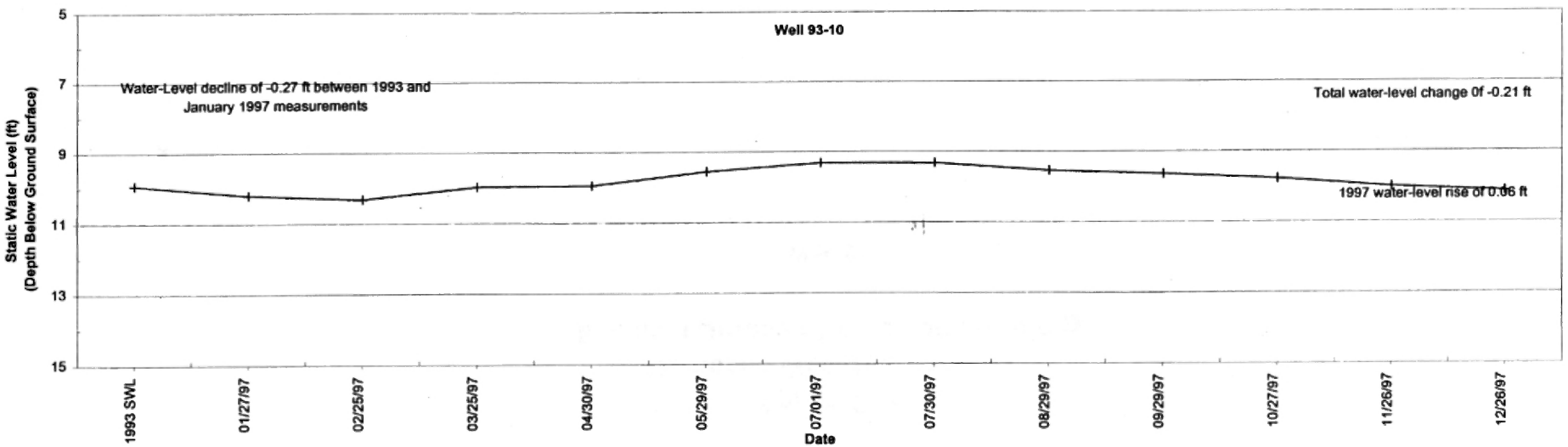
Appendix 6
Domestic Well Hydrographs
Montana Bureau of Mines and Geology





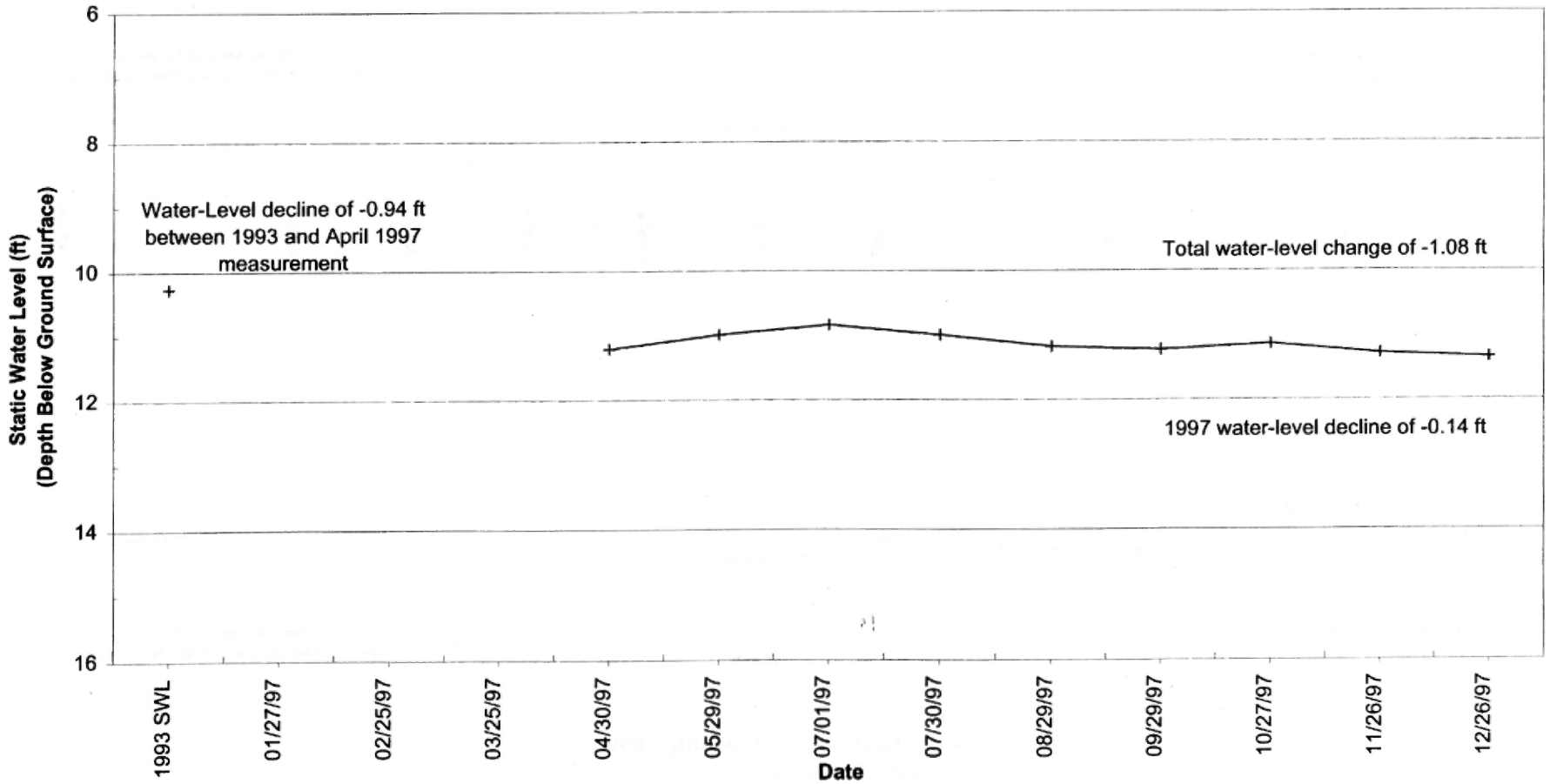
Appendix 6
Domestic Well Hydrographs
Montana Bureau of Mines and Geology





Appendix 6
Domestic Well Hydrographs
Montana Bureau of Mines and Geology

Well 84



Appendix 7
East Camp Mines Monthly
Water Level Data

Appendix 7
East Camp Mines Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	ANSELMO (MP Elevation[1] 5783.80/5782.10')	BELMONT (MP Elevation[1] 5604.00')	BERKELEY PIT	GRANITE MTN (MP Elevation[1] 6051.8')	KELLEY (MP Elevation[1] 5877.52')	STEWARD (MP Elevation[1] 5856.45')
Apr-82					2138.52	
May-82					2468.02	
Jun-82					2721.32	
Jul-82					2982.92	
Aug-82					3107.02	
Sep-82		3144.50			3200.32	3169.95
Oct-82		3261.70			3304.72	3255.05
Nov-82					3383.32	
Dec-82					3442.32	
Jan-83		3500.40			3540.57	3499.85
Feb-83		3553.20			3609.02	3557.55
Mar-83		3622.80			3703.92	3628.65
Apr-83		3736.80			3749.32	3745.95
May-83		3790.60			3805.22	3793.95
Jun-83		3842.20			3869.12	3849.95
Jul-83		3979.20			3971.92	3978.15
Aug-83		4083.70			4067.42	4089.35
Sep-83		4139.70			4159.62	4146.65
Oct-83		4186.60			4203.82	4188.15
Nov-83		4229.60			4256.22	4235.25
Dec-83		4315.90			4319.62	4324.85
Jan-84		4354.70			4360.12	4367.45
Feb-84		4378.70			4389.92	4390.95
Mar-84		4414.70			4420.62	4424.95
Apr-84		4438.40			4440.22	4454.45
May-84		4458.40			4460.52	4477.25
Jun-84		4471.80			4481.02	4499.25
Jul-84		4502.80			4504.22	4522.95
Aug-84		4520.90			4523.62	4542.65
Sep-84		4541.00			4539.82	4550.45
Oct-84		4553.30			4549.82	4559.45
Nov-84		4574.80			4572.72	4589.65
Dec-84		4585.10			4581.42	4598.85
Jan-85						
Feb-85		4613.70			4611.72	4628.55
Mar-85		4624.20			4624.92	4635.65
Apr-85		4631.00			4629.12	4641.05
May-85		4649.30			4644.12	4658.45
Jun-85		4656.60			4653.62	4669.65
Jul-85		4665.40			4663.02	4679.95
Aug-85		4676.70			4675.72	4689.25
Sep-85		4684.80			4682.82	4698.45
Oct-85		4694.30			4691.52	4709.85
Nov-85		4700.90			4699.92	4717.55
Dec-85		4705.60			4703.82	4722.25

Appendix 7
East Camp Mines Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	ANSELMO	BELMONT	BERKELEY PIT	GRANITE MTN	KELLEY	STEWARD
	(MP Elevation[1] 5783.80/5782.10')	(MP Elevation[1] 5604.00')		(MP Elevation[1] 6051.8')	(MP Elevation[1] 5877.52')	(MP Elevation[1] 5856.45')
Jan-86		4718.40			4717.22	4736.25
Feb-86		4726.00			4723.22	4742.95
Mar-86		4733.50			4731.12	4747.85
Apr-86		4738.70			4736.32	4756.25
May-86		4747.10			4744.72	4764.15
Jun-86	4782.10	4753.90			4752.72	4768.95
Jul-86	4792.20	4764.50			4759.22	4779.35
Aug-86	4800.90	4772.00			4769.02	4788.05
Sep-86	4811.40	4778.20			4778.12	4797.15
Oct-86	4822.60	4789.80			4789.12	4807.85
Nov-86	4834.30	4801.30			4799.72	4818.05
Dec-86	4838.00	4807.30			4799.52	4822.75
Jan-87	4848.10	4816.50		4811.10	4814.02	4830.90
Feb-87	4855.10	4822.80		4818.30	4821.82	4838.30
Mar-87	4862.10	4830.50		4825.30	4827.42	4846.00
Apr-87	4869.90	4838.90		4834.00	4832.02	4852.80
May-87	4876.60			4839.80		4860.00
Jun-87	4881.20			4845.80		4865.10
Jul-87	4889.50	4855.90		4852.10	4856.32	4872.10
Aug-87	4895.40			4857.30	4863.62	4878.00
Sep-87	4904.60	4871.30		4867.80	4868.82	
Oct-87	4905.50	4876.40		4869.20	4873.82	4890.20
Nov-87	4914.00	4880.30		4874.10	4878.32	4895.20
Dec-87	4916.50	4883.70		4878.10	4883.92	4902.00
Jan-88	4920.30	4884.40		4886.50	4884.32	4911.80
Feb-88	4925.50	4894.50		4894.50	4892.32	4911.90
Mar-88	4925.10	4894.50		4891.00	4895.72	4911.50
Apr-88	4929.90	4903.70		4897.80	4900.02	4915.80
May-88	4939.90	4905.10		4902.10	4906.82	4922.00
Jun-88	4934.40	4913.80		4910.80	4914.92	4927.50
Jul-88	4944.40	4918.20		4913.30	4919.22	4930.20
Aug-88	4949.20	4922.00		4915.10	4924.12	4934.60
Sep-88	4957.90	4926.30		4919.70	4928.32	4942.80
Oct-88	4962.00	4929.70		4927.40	4931.92	4946.40
Nov-88	4966.50	4933.80		4928.70	4935.52	4950.70
Dec-88	4969.20	4936.90		4934.90	4939.42	4953.80
Jan-89	4973.40	4940.90		4938.70	4942.82	4957.50
Feb-89	4975.60	4944.50		4943.00	4946.72	4960.90
Mar-89	4979.30	4949.50		4945.30	4950.02	4964.50
Apr-89	4982.40	4950.30			4952.42	4967.00
May-89	4982.90	4952.60		4951.40	4954.92	4968.20
Jun-89	4981.90	4950.90		4949.20	4952.92	4964.60
Jul-89	4985.00	4954.40		4952.70	4955.22	4970.20
Aug-89	4988.30	4956.60		4955.10	4958.42	4972.50
Sep-89	4992.20	4960.20		4959.10	4962.12	4976.30

Appendix 7
East Camp Mines Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	ANSELMO (MP Elevation[1] 5783.80/5782.10')	BELMONT (MP Elevation[1] 5604.00')	BERKELEY PIT	GRANITE MTN (MP Elevation[1] 6051.8')	KELLEY (MP Elevation[1] 5877.52')	STEWARD (MP Elevation[1] 5856.45')
Oct-89	4994.20	4962.70		4961.60	4964.42	4978.40
Nov-89	4996.10	4965.00		4963.40	4967.02	4980.50
Dec-89	4998.30	4967.60		4966.10	4969.92	4983.27
Jan-90	5000.70	4970.70		4969.00	4972.92	4985.85
Feb-90	5002.60	4972.90		4971.00	4975.12	4987.75
Mar-90	5005.60	4976.40		4974.60	4978.52	4991.35
Apr-90	5007.70	4979.10		4977.50	4981.12	4994.05
May-90	5010.80	4983.20			4984.82	4997.25
Jun-90	5012.60	4985.20		4983.30	4986.92	4998.95
Jul-90	5014.80	4987.00		4985.30	4989.02	5001.35
Aug-90	5019.60	4990.80		4989.30	4992.62	5004.95
Sep-90	5024.00	4994.70		4993.40	4996.82	5009.45
Oct-90	5026.10	4997.00		4995.40	4999.02	5011.85
Nov-90	5027.70	4999.10		4997.00	5001.02	5013.95
Dec-90	5029.80	5001.40		5000.10	5003.12	5016.55
Jan-91	5032.30	5003.50		5003.10	5006.62	5019.25
Feb-91	5035.00	5007.20		5006.10	5009.42	5021.95
Mar-91		5009.50		5008.40	5012.22	5024.25
Apr-91	5039.70	5012.00		5011.20	5013.12	5026.45
May-91	5041.00	5014.10		5012.80	5016.32	5028.05
Jun-91		5016.70		5015.50	5019.32	5030.85
Jul-91	5046.10	5018.70	4999.50	5017.50	#N/A	5032.75
Aug-91	5049.50	5021.60	5001.15	5020.60	5024.42	5035.95
Sep-91	5052.70	5024.60	5005.00	5023.20	5027.32	5039.15
Oct-91	5054.80	5027.40		5026.50	5029.92	5041.45
Nov-91	5056.10	5029.00		5028.30	5031.82	5042.95
Dec-91	5058.40	5031.80	5011.50	5031.20	5035.92	5045.45
Jan-92	5060.40	5034.50	5012.00	5034.00	5037.22	5047.95
Feb-92	5062.40	5036.70	5016.00	5036.00	5039.12	5050.15
#REF!	5063.70	5038.70		5037.90	5040.92	5051.95
Mar-92	5065.70	5040.70	5020.54	5040.50	5043.62	5053.85
Apr-92	5066.90	5042.30	5022.61	5042.20	5045.02	5055.45
May-92		5043.50	5024.71	5043.70	5045.92	5056.45
Jun-92			5026.67			
Jul-92			5028.60			
Aug-92	5076.10	5050.60	5030.38	5050.30	5053.62	5063.85
Sep-92	5077.30	5051.70	5032.48	5052.60		5064.95
Oct-92	5078.40	5053.00	5034.64	5053.90		5066.25
Nov-92	5080.50	5055.30	5036.70	5055.80	5059.69	5068.45
Jan-93	5082.50	5057.50	5038.85	5058.20	5060.22	5070.25
Feb-93	5083.80	5059.30	5040.81		5061.57	5072.35
Mar-93	5086.20	5062.20	5043.13	5062.90	5064.16	5074.75
Apr-93	5087.70	5063.80	5045.04	5064.70	5066.24	5076.20
May-93	5089.50	5065.90	5047.39	5066.60	5068.42	5078.23
Jun-93	5091.70	5068.30	5049.61	5069.00	5071.02	5080.55

Appendix 7
East Camp Mines Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	ANSELMO (MP Elevation[1] 5783.80/5782.10')	BELMONT (MP Elevation[1] 5604.00')	BERKELEY PIT	GRANITE MTN (MP Elevation[1] 6051.8')	KELLEY (MP Elevation[1] 5877.52')	STEWARD (MP Elevation[1] 5856.45')
Jul-93	5094.40	5070.30	5051.83	5071.80	5074.08	5082.55
Aug-93	5097.50	5073.20	5054.22	5074.50	5076.30	5085.75
Sep-93	5100.10	5075.60	5056.20	5076.90	5078.12	5088.05
Oct-93	5101.70	5077.40	5058.42	5078.70	5080.06	5089.85
Nov-93			5060.52		5082.64	
Dec-93	5104.80	5080.90	5062.67	5082.10	5084.26	5093.05
Jan-94	5107.90	5084.30	5065.12	5085.80	5085.85	5096.55
Feb-94	5108.70	5085.60	5067.36	5087.00	5087.89	5097.30
Mar-94	5110.30	5087.60	5069.69	5088.80	5089.98	5099.65
Apr-94	5111.57	5089.20	5071.68	5090.65	5092.20	5100.63
May-94	5112.95	5090.79	5073.96	5092.43	5093.77	5102.08
Jun-94	5114.83	5092.80	5075.97	5094.77	5095.77	5103.78
Jul-94			5078.29	5097.74		5106.53
Aug-94	5120.69	5097.42	5080.32	5099.76	5100.42	5108.43
Sep-94	5123.28	5099.73	5082.49	5102.42	5103.12	5111.03
Oct-94	5125.23	5101.53	5084.77	5104.44	5104.56	5112.29
Nov-94	5128.09	5104.31	5087.05	5107.16	5107.47	5115.48
Dec-94	5129.90	5106.24	5089.53	5109.25	5110.08	5117.98
Jan-95	5131.83	5108.67	5091.89	5111.50	5111.36	5119.18
Feb-95	5133.98	5110.90	5094.08	5113.98		5121.98
Mar-95	5135.87	5113.00	5096.49	5115.96	5115.17	5123.58
Apr-95	5138.05	5115.39	5098.91	5118.35	5117.00	5126.25
May-95	5139.99	5117.52	5101.26	5120.51	5119.78	5129.54
Jun-95	5143.24	5120.42	5103.79	5123.62	5121.32	5131.10
Jul-95	5146.79	5124.01	5106.47	5127.40	5125.75	5134.58
Aug-95	5148.82		5108.60	5129.52	5128.21	5136.52
Sep-95	5151.60		5111.19	5132.74	5131.26	5139.17
Oct-95	5153.45		5113.49	5134.94	5133.26	5140.86
Nov-95	5155.71		5115.94	5137.43	5135.51	5143.72
Dec-95	5157.59		5118.24	5139.25	5137.13	5145.61
Jan-96	5159.39		5120.80	5141.67	5139.13	5147.80
Feb-96	5161.52		5123.16	5143.95	5140.67	5149.84
Mar-96	5163.71		5125.89	5146.52	5141.34	5151.70
Apr-96	5165.25		5127.44	5148.39	5144.20	5152.99
May-96	5166.61		5128.86	5149.99	5146.71	5154.89
Jun-96	5167.59		5129.81	5151.10	5148.26	5156.08
Jul-96	5168.95		5130.81	5152.03	5148.43	5157.54
Aug-96	5170.55	5148.38	5132.12	5153.33	5151.12	5159.07
Sep-96	5171.60	5149.67	5133.06	5154.20	5152.03	5160.42
Oct-96	5172.50	5150.56	5134.03	5155.12	5153.87	5161.75
Nov-96	5173.10	5151.37	5135.00	5156.08	5154.83	5162.67
Dec-96	5174.06	5152.53	5136.24	5157.07	5155.95	5164.04
Jan-97	5174.72	5153.44	5137.42	5157.92	5156.97	5164.83
Feb-97	5175.36	5154.21	5138.42	5159.08	5158.19	5165.83
Mar-97	5176.12	5155.21	5139.58	5159.93	5158.88	5166.75

Appendix 7
East Camp Mines Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	ANSELMO (MP Elevation[1] 5783.80/5782.10')	BELMONT (MP Elevation[1] 5604.00')	BERKELEY PIT	GRANITE MTN (MP Elevation[1] 6051.8')	KELLEY (MP Elevation[1] 5877.52')	STEWARD (MP Elevation[1] 5856.45')
Apr-97	5177.49	5156.68	5140.80	5161.31	5160.42	5168.25
May-97	5178.75	5157.97	5141.83	5162.56	5161.82	5169.44
Jun-97	5180.78	5159.67	5143.38	5164.60	5163.70	5171.13
Jul-97	5182.44	5161.50	5144.35	5166.36	5165.52	5172.66
Aug-97	5184.21	5163.08	5145.42	5168.47	5167.35	5174.20
Sep-97	5185.06	5164.10	5146.57	5169.85	5168.70	5175.37
Oct-97	5186.02	5165.46	5147.80	5170.92	5169.99	5176.72
Nov-97	5186.74	5166.64	5148.80	5171.83	5170.87	5177.60
Dec-97	5187.64	5168.15	5148.69	5172.75	5172.04	5178.84

[1] MP Elevation - Elevation of measuring piont, usually top of casing, USGS datum

Appendix 7
East Camp Mines Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	LEXINGTON (MP Elevation[1] 6216.59')	MISSOULA (MP Elevation[1] 6030.00')	PILOT BUTTE (MP Elevation[1] 6056.98')	BELMONT 1 (MP Elevation[1] 5600.82')	BELMONT 2 (MP Elevation[1] 5602.72')
Apr-82					
May-82					
Jun-82					
Jul-82					
Aug-82					
Sep-82					
Oct-82					
Nov-82					
Dec-82					
Jan-83					
Feb-83					
Mar-83					
Apr-83					
May-83					
Jun-83					
Jul-83					
Aug-83					
Sep-83					
Oct-83					
Nov-83					
Dec-83					
Jan-84					
Feb-84					
Mar-84					
Apr-84					
May-84					
Jun-84					
Jul-84					
Aug-84					
Sep-84					
Oct-84					
Nov-84					
Dec-84					
Jan-85					
Feb-85					
Mar-85					
Apr-85					
May-85					
Jun-85					
Jul-85					
Aug-85					
Sep-85					
Oct-85					
Nov-85					
Dec-85					

Appendix 7
East Camp Mines Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	LEXINGTON (MP Elevation[1] 6216.59')	MISSOULA (MP Elevation[1] 6030.00')	PILOT BUTTE (MP Elevation[1] 6056.98')	BELMONT 1 (MP Elevation[1] 5600.82')	BELMONT 2 (MP Elevation[1] 5602.72')
Jan-86					
Feb-86					
Mar-86					
Apr-86					
May-86					
Jun-86					
Jul-86					
Aug-86					
Sep-86					
Oct-86					
Nov-86					
Dec-86					
Jan-87					
Feb-87					
Mar-87					
Apr-87					
May-87					
Jun-87					
Jul-87					
Aug-87					
Sep-87					
Oct-87					
Nov-87					
Dec-87					
Jan-88					
Feb-88					
Mar-88					
Apr-88					
May-88					
Jun-88					
Jul-88					
Aug-88					
Sep-88					
Oct-88					
Nov-88					
Dec-88					
Jan-89					
Feb-89					
Mar-89					
Apr-89					
May-89					
Jun-89					
Jul-89					
Aug-89					
Sep-89					

Appendix 7
East Camp Mines Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	LEXINGTON (MP Elevation[1] 6216.59')	MISSOULA (MP Elevation[1] 6030.00')	PILOT BUTTE (MP Elevation[1] 6056.98')	BELMONT 1 (MP Elevation[1] 5600.82')	BELMONT 2 (MP Elevation[1] 5602.72')
Oct-89					
Nov-89					
Dec-89					
Jan-90					
Feb-90					
Mar-90					
Apr-90					
May-90					
Jun-90					
Jul-90					
Aug-90					
Sep-90					
Oct-90					
Nov-90					
Dec-90					
Jan-91					
Feb-91					
Mar-91					
Apr-91					
May-91					
Jun-91					
Jul-91					
Aug-91					
Sep-91					
Oct-91					
Nov-91					
Dec-91					
Jan-92					
Feb-92					
#REF!					
Mar-92					
Apr-92					
May-92					
Jun-92					
Jul-92					
Aug-92					
Sep-92					
Oct-92					
Nov-92					
Jan-93					
Feb-93					
Mar-93					
Apr-93					
May-93					
Jun-93					

Appendix 7
East Camp Mines Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	LEXINGTON (MP Elevation[1] 6216.59')	MISSOULA (MP Elevation[1] 6030.00')	PILOT BUTTE (MP Elevation[1] 6056.98')	BELMONT 1 (MP Elevation[1] 5600.82')	BELMONT 2 (MP Elevation[1] 5602.72')
Jul-93					
Aug-93					
Sep-93					
Oct-93					
Nov-93					
Dec-93					
Jan-94					
Feb-94					
Mar-94					
Apr-94					
May-94					
Jun-94					
Jul-94					
Aug-94					
Sep-94					
Oct-94					
Nov-94					
Dec-94					
Jan-95					
Feb-95					
Mar-95					
Apr-95					
May-95					
Jun-95					
Jul-95					
Aug-95					
Sep-95					
Oct-95					
Nov-95					
Dec-95					
Jan-96					
Feb-96					
Mar-96					
Apr-96					
May-96					
Jun-96					
Jul-96					
Aug-96			5166.78	5507.03	5148.38
Sep-96			5168.36	5505.76	5149.67
Oct-96		5786.29	5168.98	5506.29	5150.56
Nov-96	5170.64	5786.22	5169.85	5506.42	5151.37
Dec-96	5171.83			5499.31	5152.53
Jan-97	5171.82	5783.87		5507.66	5153.44
Feb-97	5173.74	5781.85		5507.52	5154.21
Mar-97	5174.67	5779.38	5173.54	5508.44	5155.21

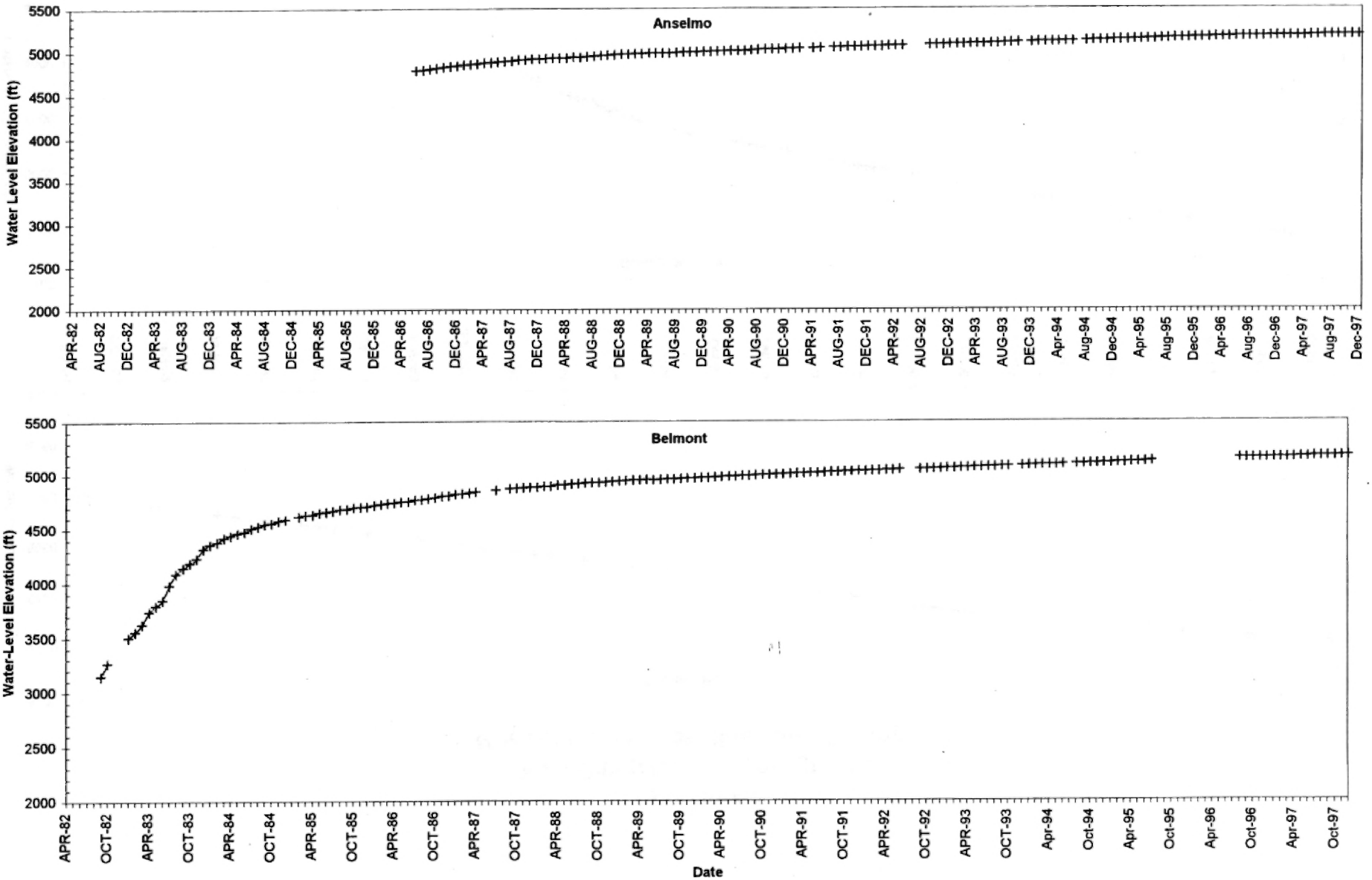
Appendix 7
East Camp Mines Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	LEXINGTON (MP Elevation[1] 6216.59')	MISSOULA (MP Elevation[1] 6030.00')	PILOT BUTTE (MP Elevation[1] 6056.98')	BELMONT 1 (MP Elevation[1] 5600.82')	BELMONT 2 (MP Elevation[1] 5602.72')
Apr-97	5175.84	5779.80	5174.78	5509.00	5156.68
May-97	5177.42	5780.31	5176.58	5509.22	5157.97
Jun-97		5783.59	5178.85	5510.36	5159.67
Jul-97		5790.66	5181.10	5510.07	5161.50
Aug-97		5795.98	5183.00	5510.50	5163.08
Sep-97		5798.32	5185.00	5508.19	5164.10
Oct-97		5799.35	5186.07	5511.85	5165.46
Nov-97		5798.67	5187.02	0.00	5166.64
Dec-97		5796.74	5187.97	0.00	5168.15

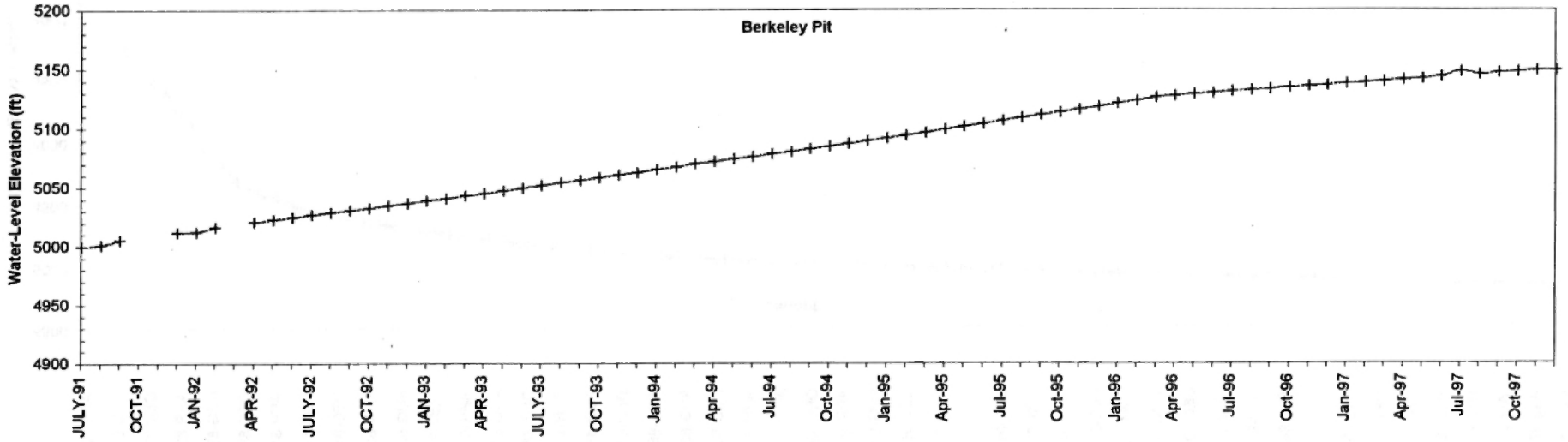
[1] MP Elevation - Elevation of measuring piont, usually top of c

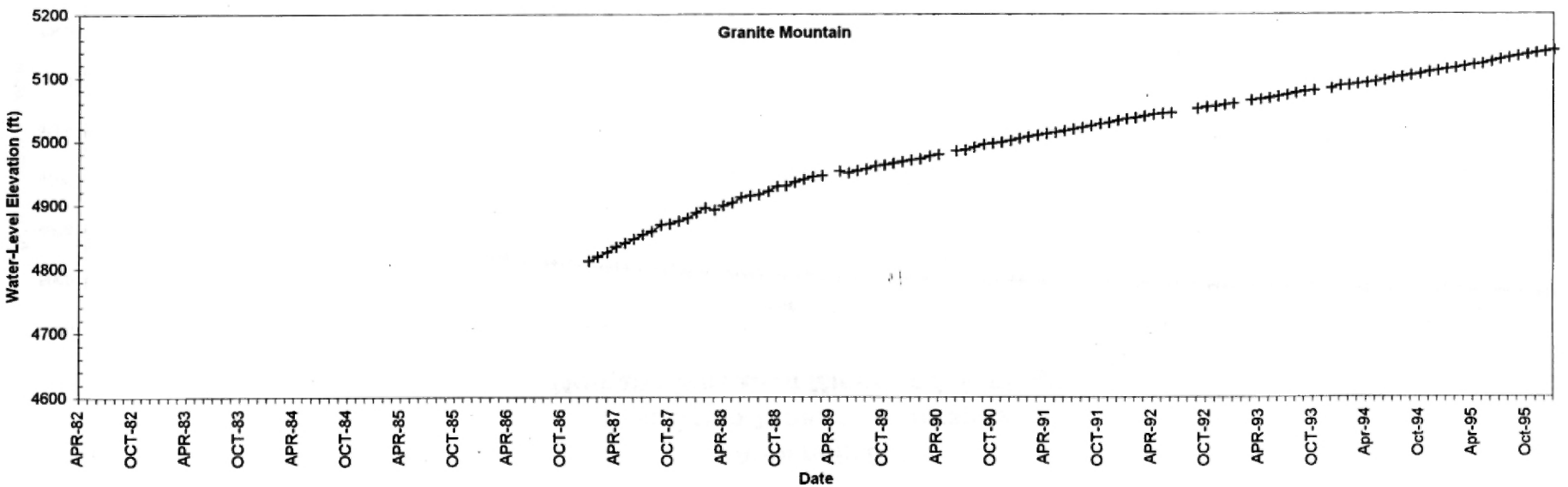
Appendix 8
East Camp Mines Hydrographs

Appendix 8
East Camp Mines Hydrographs
Montana Bureau of Mines and Geology

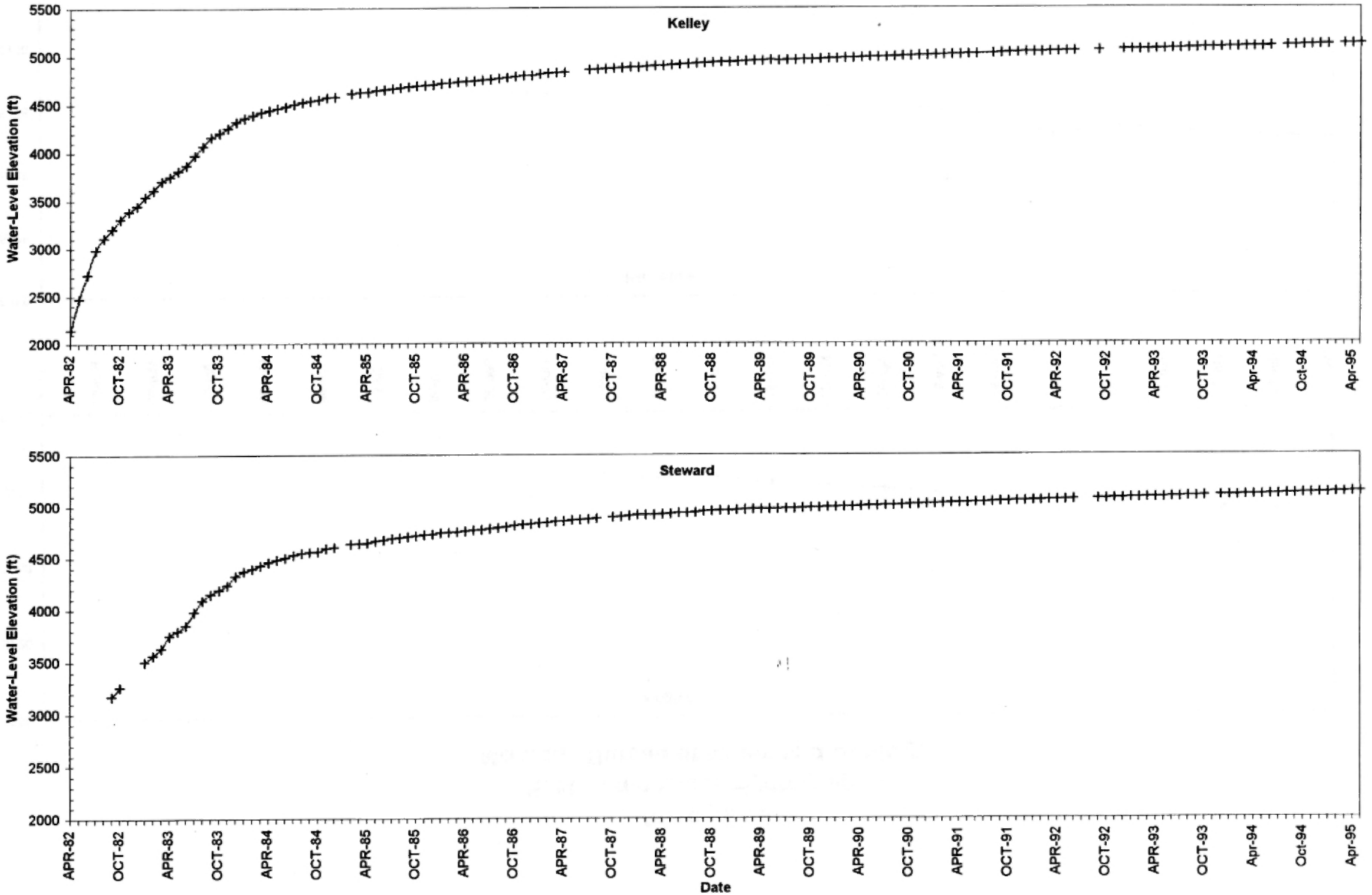


Appendix 8
East Camp Mines Hydrographs
Montana Bureau of Mines and Geology

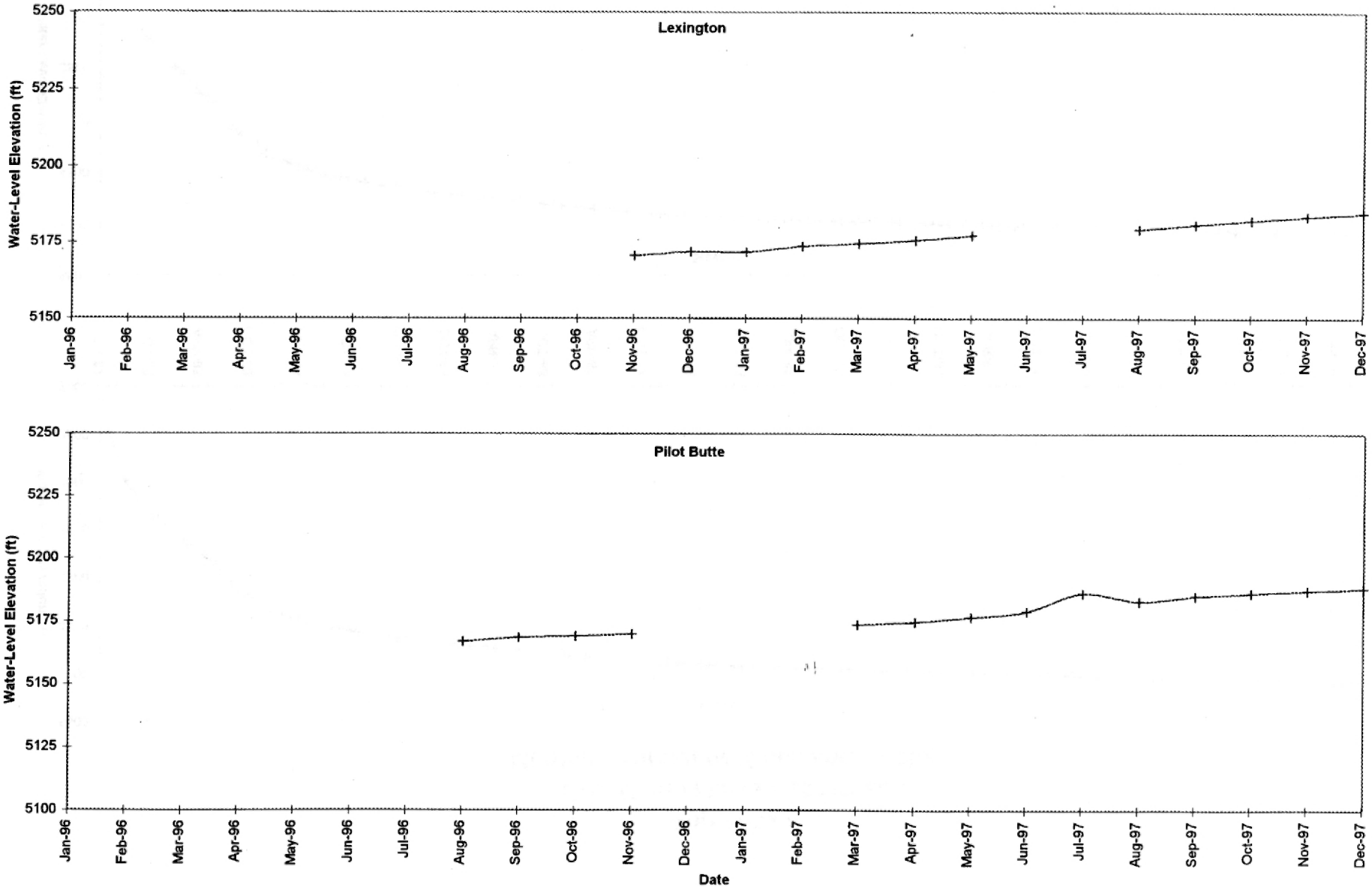




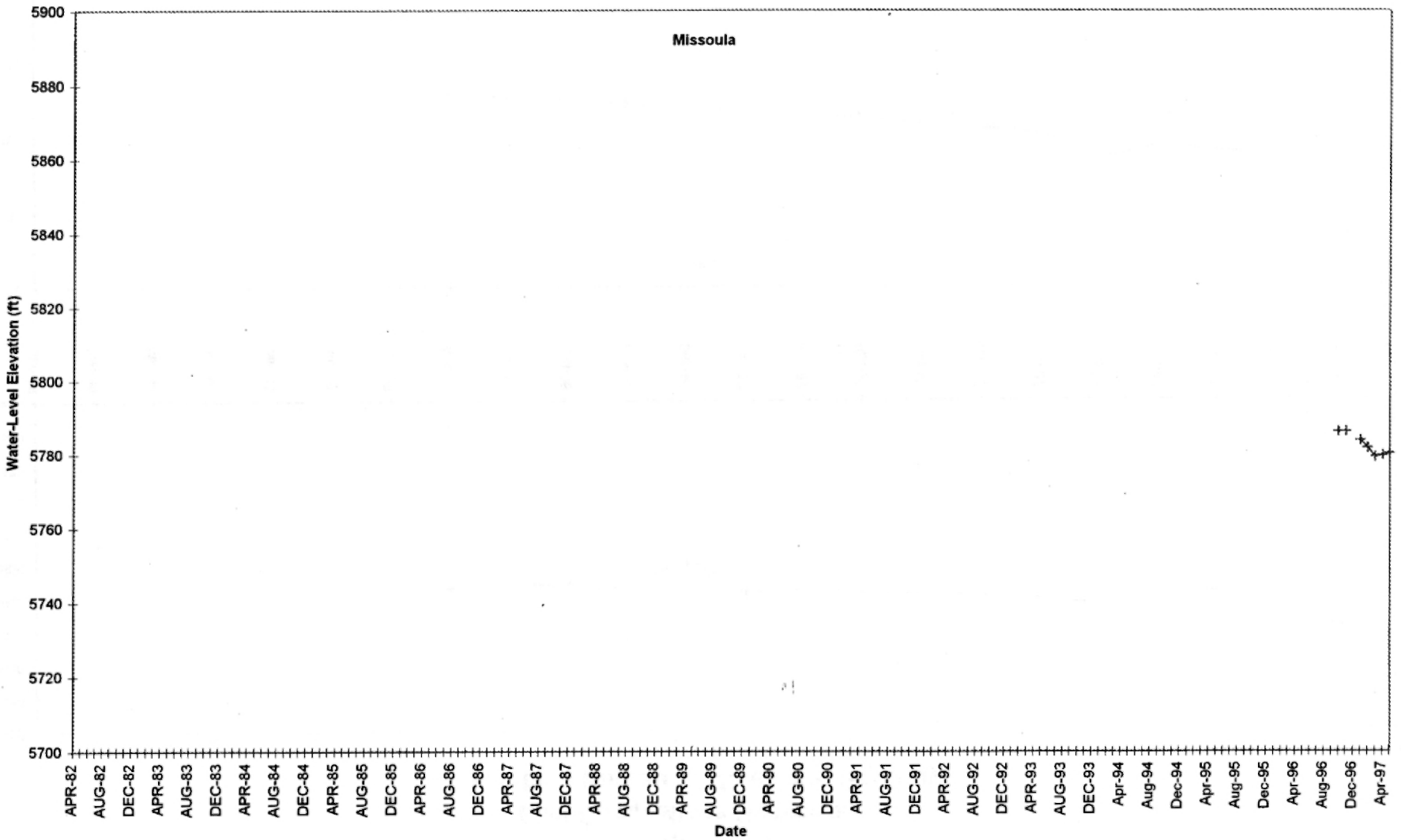
Appendix 8
East Camp Mines Hydrograph
Montana Bureau of Mines and Geology



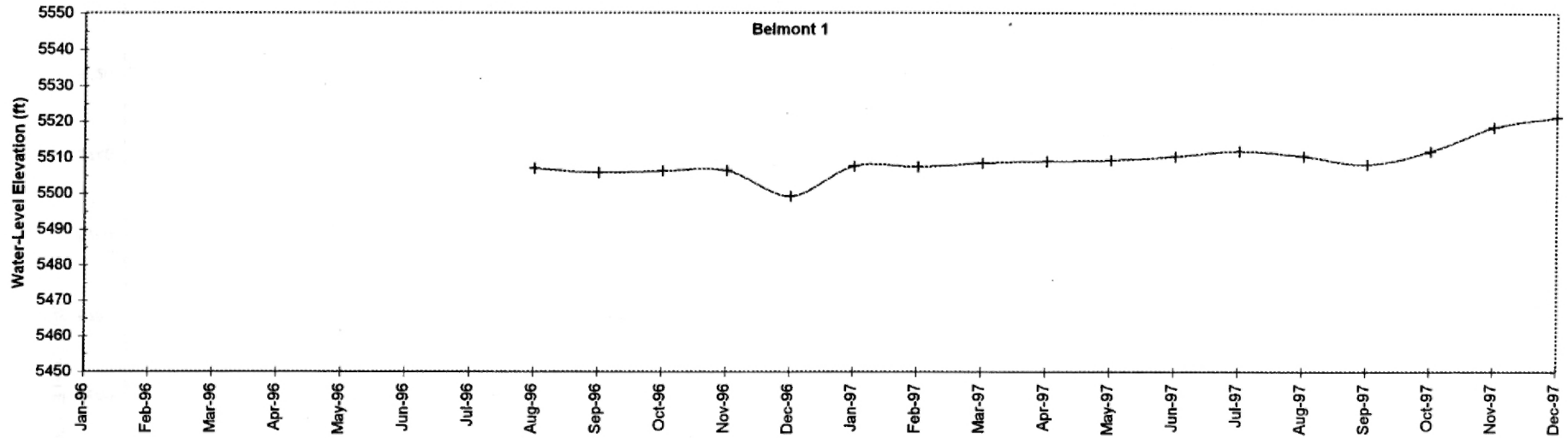
Appendix 8
East Camp Mines Hydrographs
Montana Bureau of Mines and Geology

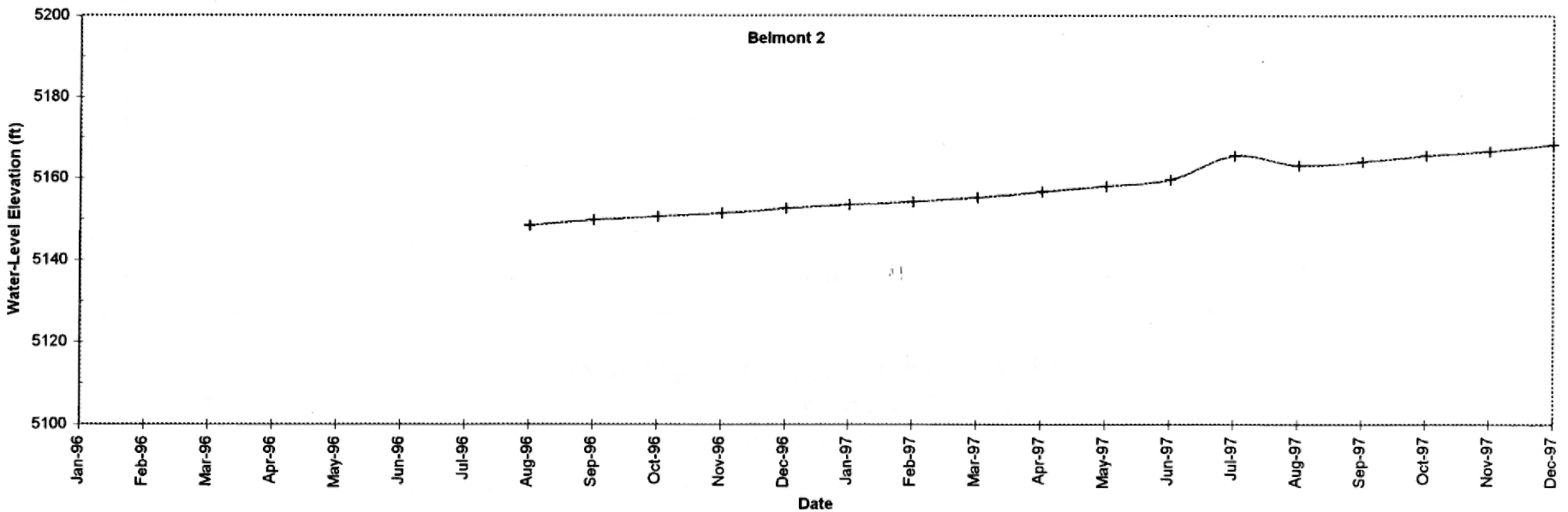


Appendix 8
East Camp Mines Hydrographs
Montana Bureau of Mines and Geology



Appendix 8
East Camp Mines Hydrographs
Montana Bureau of Mines and Geology





Appendix 9
East Camp Bedrock Wells
Monthly Water Level Data

Appendix 9
East Camp Bedrock Wells Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	WELL A (MP Elevation[1] 5525.00')	WELL B (MP Elevation[1] 5557.82')	WELL C (MP Elevation[1] 5578.00')	WELL D-1 (MP Elevation[1] 5591.54')	WELL D-2 (MP Elevation[1] 5579.50')	WELL E (MP Elevation[1] 5562.40')	WELL F (MP Elevation[1] 5484.31')	WELL G (MP Elevation[1] 5537.56')
Dec-88								
Jan-89								
Feb-89								
Mar-89								
Apr-89								
May-89								
Jun-89								
Jul-89								
Aug-89								
Sep-89								
Oct-89								
Nov-89								
Dec-89								
Jan-90								
Feb-90								
Mar-90								
Apr-90								
May-90								
Jun-90								
Jul-90								
Aug-90								
Sep-90								
Oct-90								
Nov-90								
Dec-90								
Jan-91	4979.50		4998.37	4997.52		5388.87		
Feb-91	4982.71		5006.89			5377.40		
Mar-91	4983.20		5003.47		5000.62	5387.49		
Apr-91	4985.52		5005.86		5002.78			
May-91	4988.35		5005.68	5006.23		5387.97		
Jun-91								
Jul-91	4996.12			5012.24		5388.84		
Aug-91	4998.90		5022.62			5389.30		
Sep-91	5003.41		5025.19	5018.26	5033.09	5389.58		
Oct-91								
Nov-91	5008.95		5018.28	5021.72		5390.43		
Dec-91	5012.68		5020.75		5023.30	5390.60		
Jan-92	5015.23		5023.00		5042.35	5390.34		
Feb-92	5019.50		5028.00	5028.69	5044.75	5390.70		
#REF!	5024.00		5027.35	5031.24	5044.18	5390.60		
Mar-92	5026.00	5240.38	5028.43		5030.57	5390.45		
Apr-92	5029.37	5241.11	5030.51	5033.59	5032.55	5389.57		
May-92	5033.32	5241.11	5033.33	5036.42	5035.32	5391.03		
Jun-92	5036.86	5243.02	5035.55	5038.61	5037.44	5391.02	5451.89	
Jul-92	5039.65	5244.62	5038.00	5040.35	5039.56	5390.99	5448.17	

Appendix 9
East Camp Bedrock Wells Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	WELL A (MP Elevation[1] 5525.00')	WELL B (MP Elevation[1] 5557.82')	WELL C (MP Elevation[1] 5578.00')	WELL D-1 (MP Elevation[1] 5591.54')	WELL D-2 (MP Elevation[1] 5579.50')	WELL E (MP Elevation[1] 5562.40')	WELL F (MP Elevation[1] 5484.31')	WELL G (MP Elevation[1] 5537.56')
Aug-92	5042.50	5245.34	5040.00	5042.31	5041.27	5390.86	5450.23	
Sep-92	5045.55	5246.73	5042.32	5044.80	5043.10	5390.92	5450.37	
Oct-92	5048.61	5247.43	5044.38	5046.38	5047.08	5390.79	5450.27	
Nov-92	5051.90	5249.16	5047.28	5049.61	5048.34	5391.07	5449.97	
Jan-93	5053.56	5249.47	5048.50	5051.01	5049.71	5390.74	5449.90	
Feb-93	5055.97	5250.26	5050.40	5052.97	5051.66	5390.88	5449.69	
Mar-93	5058.38	5251.29	5052.39	5055.07	5053.75	5390.98	5449.69	
Apr-93	5061.08	5248.77	5054.30	5056.97	5055.75	5390.98	5449.27	
May-93	5062.28	5249.86	5055.91	5058.91	5057.64	5390.88	5449.30	
Jun-93	5065.02	5252.45	5058.41	5062.76	5061.45	5390.93	5449.57	
Jul-93	5068.18	5252.85	5059.31	5063.27	5062.05	5390.53	5449.71	
Aug-93	5070.40	5253.28	5061.24	5065.51	5064.19	5390.66	5450.16	
Sep-93	5072.80	5254.32	5063.12	5067.62	5066.32	5390.70	5450.69	
Oct-93	5075.15	5255.02	5064.87	5069.68	5068.45	5390.58	5450.81	
Nov-93	5077.48	5255.88	5066.73	5071.90	5069.63	5390.68	5451.01	
Dec-93	5079.85	5257.84	5069.00	5074.02	5072.85	5390.70	5451.06	
Jan-94	5081.85	5257.08	5070.33	5075.96	5074.70	5390.48	5450.57	
Feb-94	5084.08	5258.06	5072.19	5078.01	5076.75	5390.66	5450.30	
Mar-94	5086.50	5259.14	5074.18	5080.43	5079.13	5390.70	5450.25	
Apr-94	5088.50	5260.30	5075.94	5082.19	5080.96	5390.95	5450.22	
May-94	5091.04	5261.15	5078.13	5084.54	5083.28	5390.95	5450.13	
Jun-94	5092.99	5261.67	5079.80	5086.26	5085.06	5390.79	5450.06	
Jul-94	5095.45	5262.51	5082.00	5088.69	5087.10	5390.74	5450.23	
Aug-94	5097.33	5263.31	5083.78	5090.36	5089.25	5390.85	5450.45	
Sep-94	5099.28	5260.09	5086.16	5092.70	5091.44	5390.89	5450.95	
Oct-94	5099.45	5262.04	5088.36	5094.55	5093.32	5391.04	5451.15	
Nov-94	5103.18	5264.20	5090.69	5096.92	5095.72	5391.00	5451.32	
Dec-94	5105.50	5265.74	5092.88	5099.14	5098.06	5390.97	5451.17	5116.04
Jan-95	5107.76	5267.05	5095.13	5101.34	5100.29	5391.03	5451.15	5117.57
Feb-95	5110.25	5267.96	5097.42	5103.52	5102.57	5390.90	5450.92	5120.63
Mar-95	5111.67	5264.90	5099.25	5105.43	5104.32	5390.68	5450.69	5122.68
Apr-95	5114.08	5267.24	5101.90	5107.43	5106.49	5391.01	5450.76	5125.20
May-95	5116.37	5269.32	5104.11	5109.09	5108.33	5391.02	5450.76	5127.40
Jun-95	5119.26	5269.31	5106.88	5111.40	5110.85	5390.96	5451.10	5130.20
Jul-95	5122.19	5272.99	5109.71	5114.48	5113.86	5391.11	5451.57	5132.94
Aug-95	5124.50	5274.32	5112.22	5116.58	5116.03	5391.23	5452.15	5135.26
Sep-95	5127.26	5275.90	5115.18	5119.35	5118.74	5391.41	5452.73	5137.91
Oct-95	5129.55	5275.45	5117.57	5121.64	5121.03	5391.36	5452.87	5139.92
Nov-95	5132.00	5277.72	5120.26	5123.97	5123.41	5391.69	5453.06	5142.69
Dec-95	5134.19	5279.15	5122.43	5126.13	5125.56	5391.41	5452.82	5144.78
Jan-96	5136.87	5281.06	5125.46	5128.66	5128.10	5391.97	5452.70	5147.61
Feb-96	5139.11	5281.42	5127.73	5130.96	5130.38	5391.61	5452.48	5149.72
Mar-96	5141.73	5283.67	5130.55	5133.57	5133.07	5391.98	5452.66	5152.34
Apr-96	5143.59	5283.38	5132.79	5135.51	5135.37	5391.65	5452.47	5154.28
May-96	5145.28	5285.53	5134.97	5137.05	5136.55	5391.76	5452.53	5156.57

Appendix 9
East Camp Bedrock Wells Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	WELL A (MP Elevation[1] 5525.00')	WELL B (MP Elevation[1] 5557.82')	WELL C (MP Elevation[1] 5578.00')	WELL D-1 (MP Elevation[1] 5591.54')	WELL D-2 (MP Elevation[1] 5579.50')	WELL E (MP Elevation[1] 5562.40')	WELL F (MP Elevation[1] 5484.31')	WELL G (MP Elevation[1] 5537.56')
Jun-96	5146.54	5287.21	5136.87	5138.04	5137.59	5391.78	5452.64	5158.37
Jul-96	5147.75	5288.30	5138.82	5139.05	5138.60	5391.59	5452.88	5159.63
Aug-96	5149.03	5289.49	5140.78	5140.16	5139.78	5391.72	5453.15	5161.51
Sep-96	5150.24	5290.42	5142.67	5141.16	5140.77	5391.52	5453.30	5162.99
Oct-96	5151.57	5291.76	5144.78	5142.33	5142.00	5391.65	5453.51	5164.17
Nov-96	5151.65	5291.70	5146.32	5143.43	5143.01	5391.72	5453.31	5164.67
Dec-96	5153.50	5293.71	5148.65	5144.90	5144.48	5391.89	5452.71	5167.18
Jan-97	5154.84	5295.08	5150.32	5145.96	5145.47	5391.52	5453.13	5168.44
Feb-97	5156.08	5296.48	5152.01	5147.13	5146.83	5391.72	5453.17	5169.88
Mar-97	5156.89	5297.11	5153.48	5147.92	5147.50	5391.28	5453.14	5171.04
Apr-97	5158.33	5298.50	5155.46	5149.18	5148.76	5391.44	5453.45	5172.66
May-97	5159.39	5299.30	5156.80	5150.11	5149.69	5391.27	5453.38	5173.76
Jun-97	5160.59	5299.95	5158.43	5151.69	5151.27	5391.28	5453.80	5174.99
Jul-97	5161.81	5299.96	5160.15	5152.87	5152.46	5391.12	5454.10	5176.42
Aug-97	5163.13	5301.83	5161.78	5154.19	5153.76	5391.30	5454.60	5177.86
Sep-97	5164.39	5303.23	5163.43	5155.24	5154.82	5391.21	5454.83	5179.11
Oct-97	5165.78	5304.09	5164.98	5156.43	5156.06	5391.24	5455.09	5180.33
Nov-97	5166.78	5305.10	5166.30	5157.37	5157.08	5391.28	5455.05	5181.57
Dec-97	5167.94	5306.06	5167.90	5158.52	5158.16	5391.25	5454.12	5182.85

[1] MP Elevation - Elevation of measuring piont, usually top of casing, USGS datum

Appendix 9
East Camp Bedrock Wells Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	WELL H (MP Elevation[1] 5572.82')	WELL DDH-1 (MP Elevation[1] 5509.60')	WELL DDH-2 (MP Elevation[1] 5583.60')	WELL DDH-4 (MP Elevation[1] 5545.41')	WELL DDH-5 (MP Elevation[1] 5519.56/5523.75')	WELL DDH-8 (MP Elevation[1] 5518.40')
Dec-88		4960.80			4947.41	4947.80
Jan-89		4958.30			5002.41	4951.10
Feb-89		4963.95			4950.76	
Mar-89		4966.70			4953.26	4951.40
Apr-89		4969.70			4954.11	4956.60
May-89		4971.95			4956.00	4960.15
Jun-89		4974.15			4957.52	4963.06
Jul-89		4981.95			4963.67	4967.19
Aug-89		4984.86			4971.78	4972.28
Sep-89		4987.70			4977.42	4974.60
Oct-89		4990.33			4980.12	4978.28
Nov-89					4982.24	
Dec-89						
Jan-90		4995.22	4962.06		4984.61	4983.40
Feb-90		4997.55	4965.79		4985.76	4985.46
Mar-90		5000.28	4967.45			4988.03
Apr-90		5003.17	4968.75		4987.85	4990.85
May-90		5006.12	4972.35		4990.94	4993.36
Jun-90		5009.38	4974.79		4994.57	4996.42
Jul-90		5010.87	4976.43		4996.90	4999.46
Aug-90		5013.08	4978.19		4999.11	5001.69
Sep-90		5016.19	4981.84		5001.43	4999.24
Oct-90		5020.00	4987.33	4965.91		5009.60
Nov-90		5023.62	4990.24	4969.02	5007.62	5012.05
Dec-90		5026.57	4993.05	4971.35	5009.85	5014.24
Jan-91		5021.25	5003.60	4972.75	5009.36	5021.89
Feb-91		5032.19		4975.40		5024.53
Mar-91			5005.28	4977.90	5011.68	5026.99
Apr-91		5037.04	5008.11	4980.20	5013.34	
May-91		5041.11	5004.01	4985.21		5026.83
Jun-91		5044.23	5007.53	4988.01		5029.81
Jul-91			5010.05	4993.03	5004.56	5033.03
Aug-91		5049.20	5012.16	4995.61	5026.56	5034.91
Sep-91		5049.60	5013.94	4998.20	5036.86	5036.15
Oct-91						
Nov-91		5053.60	5018.84	5007.41		5040.40
Dec-91			5021.25	5011.16		5043.20
Jan-92			5024.50	5014.76		5045.60
Feb-92		5060.80	5025.91	5017.99		5047.26
#REF!		5063.54	5029.60	5021.45		5052.32
Mar-92		5064.36	5029.51	5023.23	5051.45	5051.30
Apr-92			5031.35	5026.54		5053.40
May-92		5068.80	5034.40	5030.44	5056.08	5055.73
Jun-92		5070.76	5036.46	5033.71	5057.88	5057.81
Jul-92		5072.68	5038.34	5036.56	5059.73	5059.72

Appendix 9
East Camp Bedrock Wells Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	WELL H (MP Elevation[1] 5572.82')	WELL DDH-1 (MP Elevation[1] 5509.60')	WELL DDH-2 (MP Elevation[1] 5583.60')	WELL DDH-4 (MP Elevation[1] 5545.41')	WELL DDH-5 (MP Elevation[1] 5519.56/5523.75')	WELL DDH-8 (MP Elevation[1] 5518.40')
Aug-92		5073.78	5040.21	5039.46	5061.63	5061.72
Sep-92		5076.93	5042.54	5042.44	5063.96	5064.17
Oct-92		5078.51	5044.13	5045.10	5065.63	5065.83
Nov-92		5081.85	5047.34	5048.82	5067.93	5069.36
Jan-93		5083.17	5048.72	5050.60	5070.27	5070.59
Feb-93		5085.16	5050.64	5053.03	5071.69	5072.60
Mar-93		5087.35	5052.68	5055.61	5074.01	5075.23
Apr-93		5089.40	5054.80	5058.18	5076.24	5076.70
May-93		5091.24	5056.68	5060.39	5077.38	5078.79
Jun-93		5093.93	5060.40	5064.60	5079.91	5082.30
Jul-93		5095.76	5060.96	5066.21	5082.49	5083.01
Aug-93		5097.65	5063.09	5067.45	5084.64	5085.24
Sep-93		5100.02	5065.18	5069.87	5087.51	5087.50
Oct-93		5102.06	5067.23	5071.31	5088.86	5089.50
Nov-93		5104.40	5069.25	5074.36	5091.36	5091.53
Dec-93		5106.18	5071.50	5075.70	5092.33	5093.82
Jan-94		5108.03	5073.34	5078.88	5093.92	5095.56
Feb-94		5110.02	5075.44	5081.39	5095.85	5097.61
Mar-94		5112.31	5077.73	5083.53	5097.79	5099.89
Apr-94		5114.48	5079.61	5085.68	5100.17	5101.77
May-94		5115.59	5081.87	5088.11	5101.57	5103.94
Jun-94		5118.15	5083.71	5090.15	5100.55	5102.41
Jul-94			5086.08	5092.53	5106.26	
Aug-94		5123.13	5087.86	5094.44	5108.76	5109.79
Sep-94		5124.66	5090.24	5097.05	5110.66	
Oct-94		5126.84	5092.47	5099.26	5112.81	
Nov-94		5129.08	5094.83	5101.76	5109.04	
Dec-94	5096.72	5131.18	5097.15	5104.04	5112.11	
Jan-95		5133.45	5099.35	5106.11	5117.68	
Feb-95	5102.36	5135.56	5101.81	5108.62	5120.22	
Mar-95	5104.57	5137.54	5103.88	5110.69	5122.50	
Apr-95	5107.08	5139.84	5106.31	5113.19	5124.79	
May-95	5109.32	5141.93	5108.49	5115.40	5126.97	
Jun-95	5112.20	5144.74	5111.41	5118.27	5129.95	
Jul-95	5115.20	5147.48	5114.22	5121.10	5132.79	
Aug-95	5117.37	5149.72	5116.35	5123.34	5135.10	
Sep-95	5120.20	5152.40	5121.09	5126.03	5137.75	
Oct-95	5122.44	5154.65	5121.43	5128.28	5128.91	
Nov-95	5124.89	5156.94	5123.75	5130.78	5131.29	
Dec-95	5127.09	5158.84	5125.89	5132.84	5138.21	
Jan-96	5129.74	5161.33	5128.49	5135.60	5134.11	
Feb-96	5132.01	5163.28	5130.74	5137.70	5136.52	
Mar-96	5134.57	5165.83	5133.33	5140.33	5139.42	
Apr-96	5136.53	5167.62	5135.28	5142.39	5141.73	
May-96	5138.06	5169.40	5136.77	5144.23	5145.53	

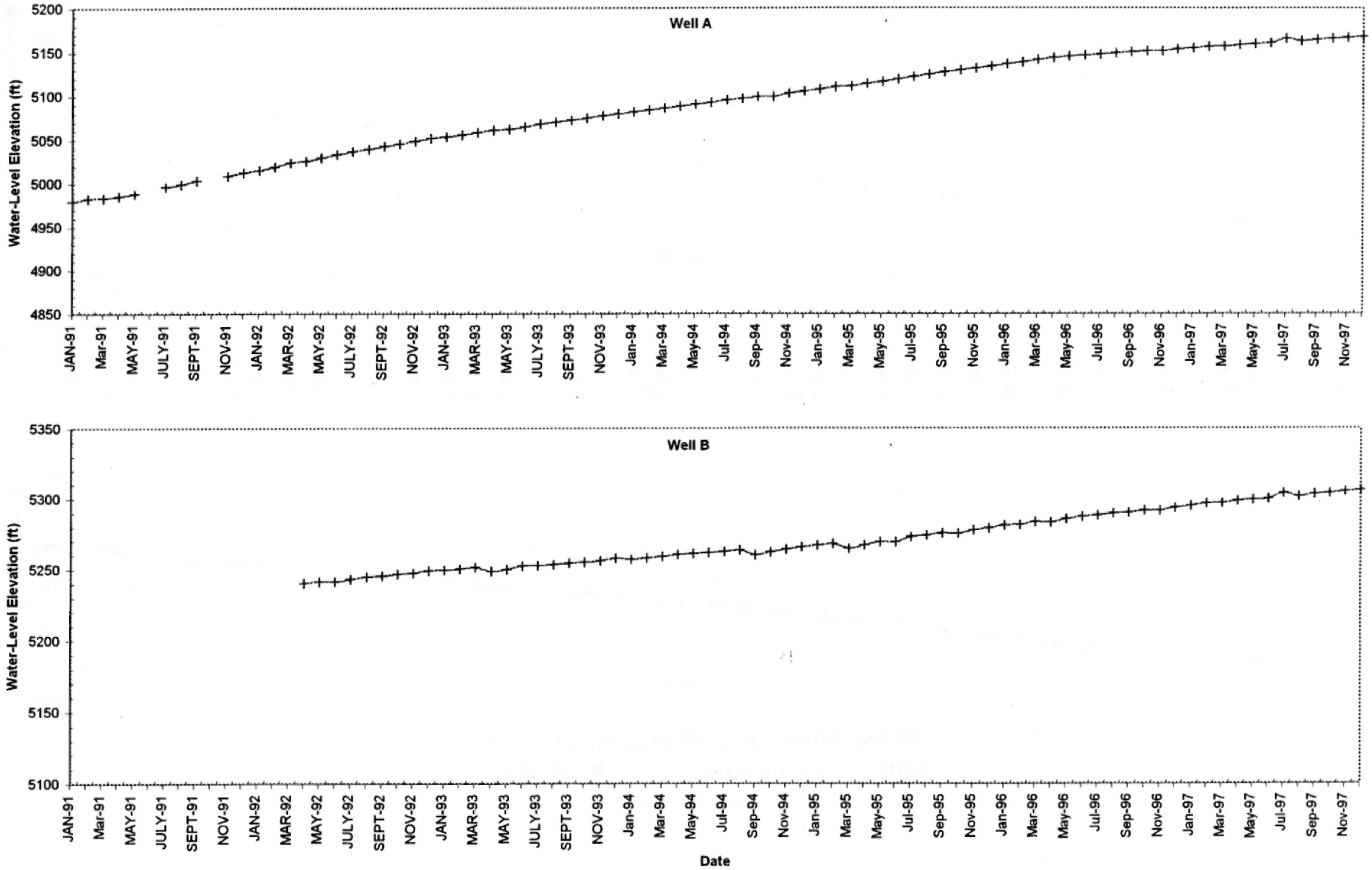
Appendix 9
East Camp Bedrock Wells Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	WELL H (MP Elevation[1] 5572.82')	WELL DDH-1 (MP Elevation[1] 5509.60')	WELL DDH-2 (MP Elevation[1] 5583.60')	WELL DDH-4 (MP Elevation[1] 5545.41')	WELL DDH-5 (MP Elevation[1] 5519.56/5523.75')	WELL DDH-8 (MP Elevation[1] 5518.40')
Jun-96	5139.06	5170.67	5137.85	5145.53	5148.83	
Jul-96	5140.14	5171.73	5138.85	5146.69	5143.96	
Aug-96	5141.38	5172.77	5140.13	5148.05	5145.49	
Sep-96	5142.54	5173.96	5141.20	5149.18	5146.84	5161.84
Oct-96	5143.82	5175.15	5142.43	5150.46	5148.27	5163.06
Nov-96	5144.85	5176.24	5143.46	5151.37	5149.37	5164.14
Dec-96	5145.81	5177.37	5144.86	5153.08	5150.62	5165.47
Jan-97	5146.97	5178.34	5145.93	5154.31	5151.83	5166.49
Feb-97	5148.13	5179.48	5147.05	5155.33	5152.95	5167.67
Mar-97	5149.06	5180.17	5148.03	5156.28	5154.04	5168.16
Apr-97	5149.71	5181.46	5149.38	5157.73	5155.59	5169.49
May-97	5150.22	5182.07	5150.35	5158.70	5156.40	5170.23
Jun-97	5151.65	5183.78	5151.80	5159.89	5158.04	5171.70
Jul-97	5149.68	5184.83	5153.03	5161.31	5159.44	5172.98
Aug-97	5148.73	5186.17	5154.27	5162.60	5161.14	5174.05
Sep-97	5148.08	5187.30	5155.39	5163.77	5162.41	5175.40
Oct-97	5148.27	5188.65	5156.63	5165.01	5164.10	5176.65
Nov-97	5148.72	5189.45	5157.66	5166.12	5164.92	5177.50
Dec-97	5149.57	5190.70	5158.95	5167.40	5166.51	5178.85

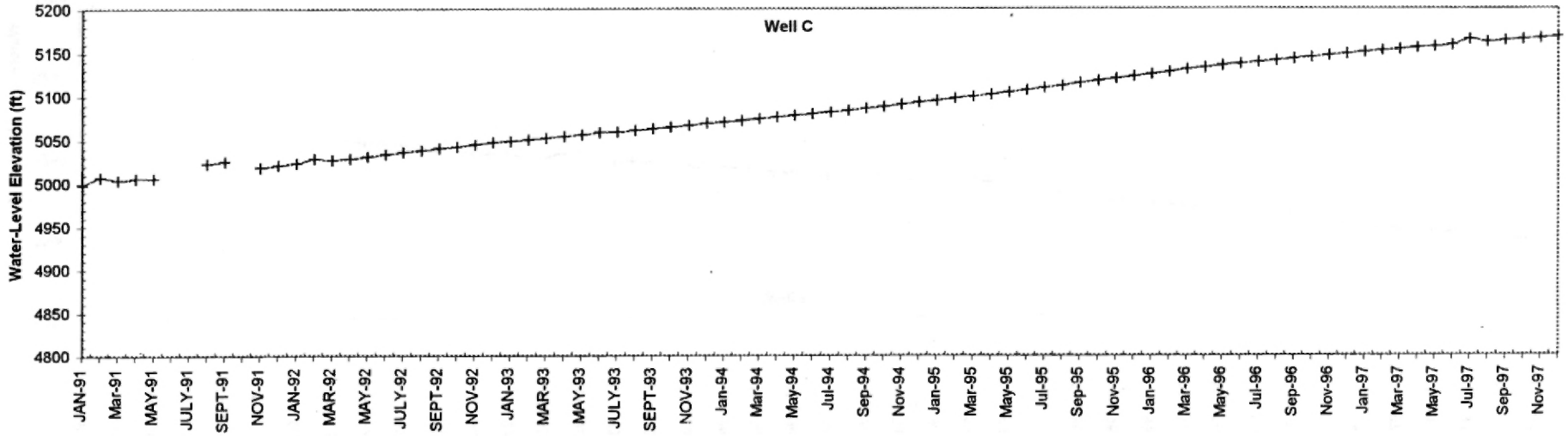
[1] MP Elevation - Elevation of measuring piont, usually top of ca

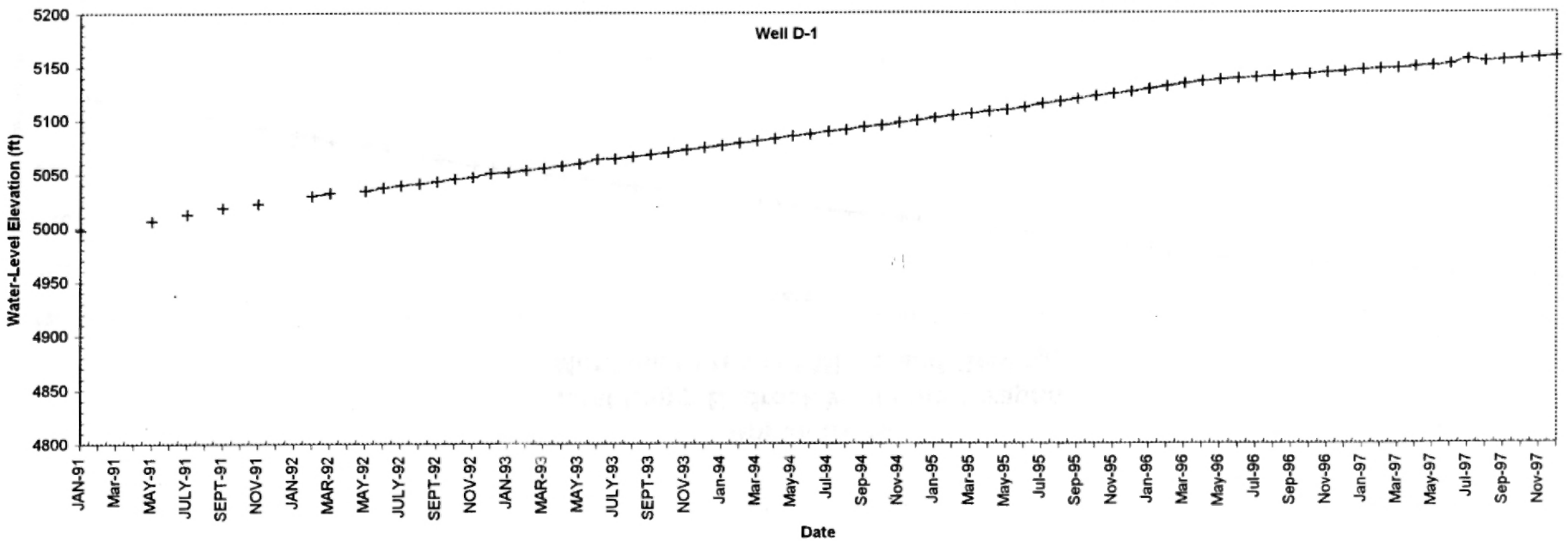
Appendix 10
East Camp Bedrock Wells
Hydrographs

Appendix 10
East Camp Bedrock Well Hydrographs
Montana Bureau of Mines and Geology

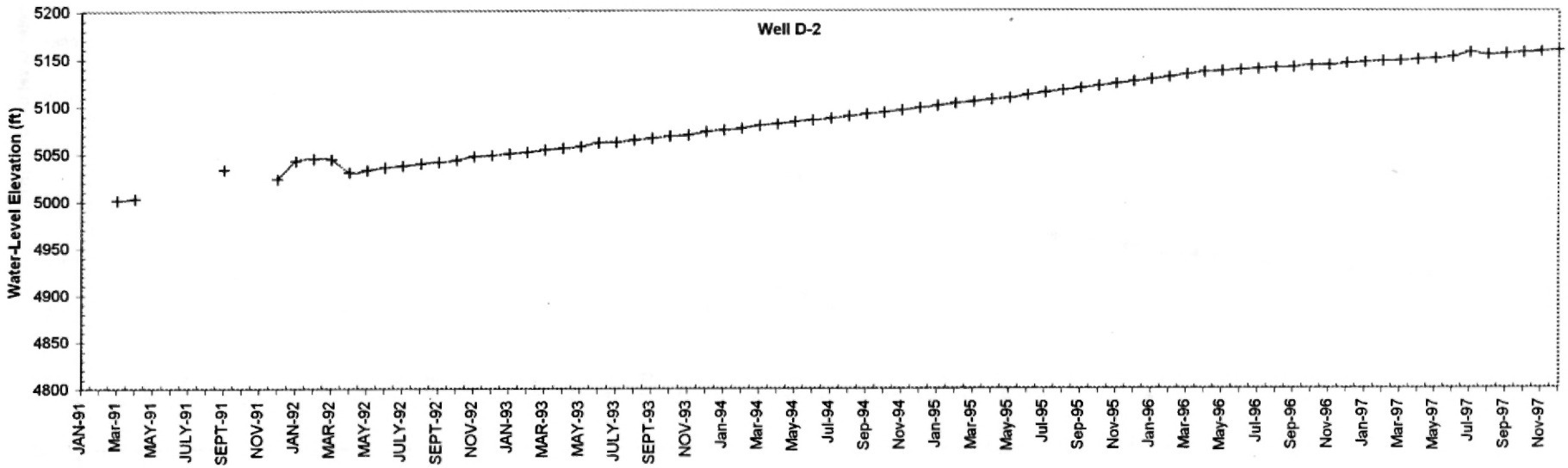


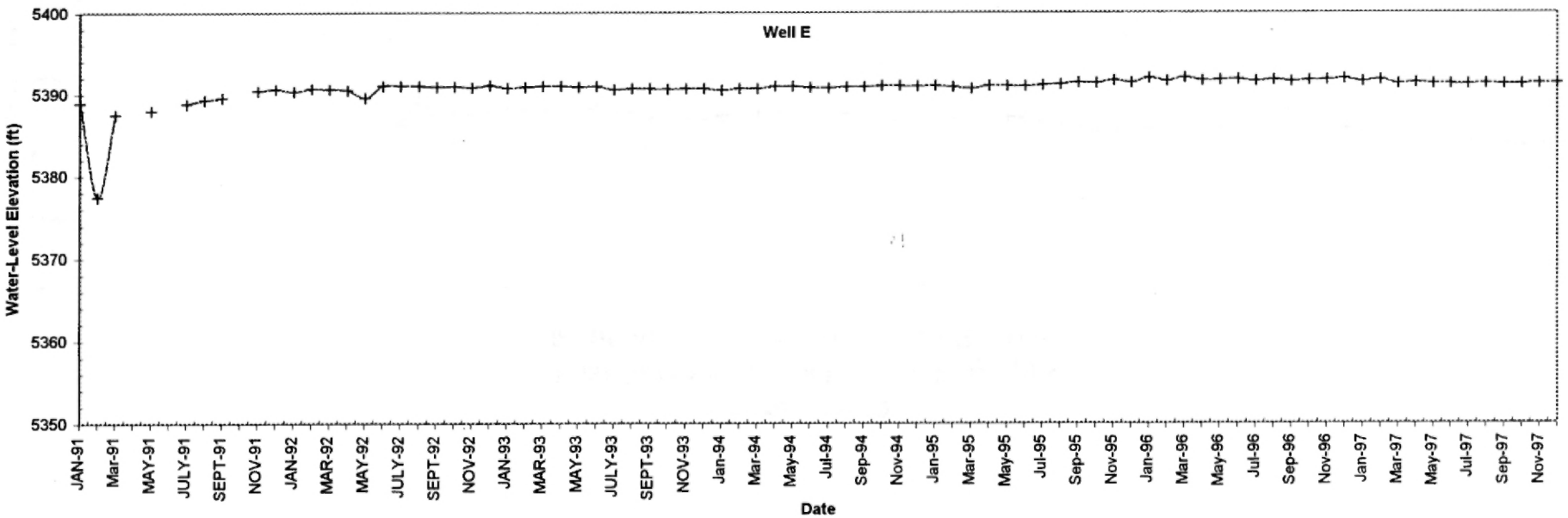
Appendix 10
East Camp Bedrock Well Hydrographs
Montana Bureau of Mines and Geology



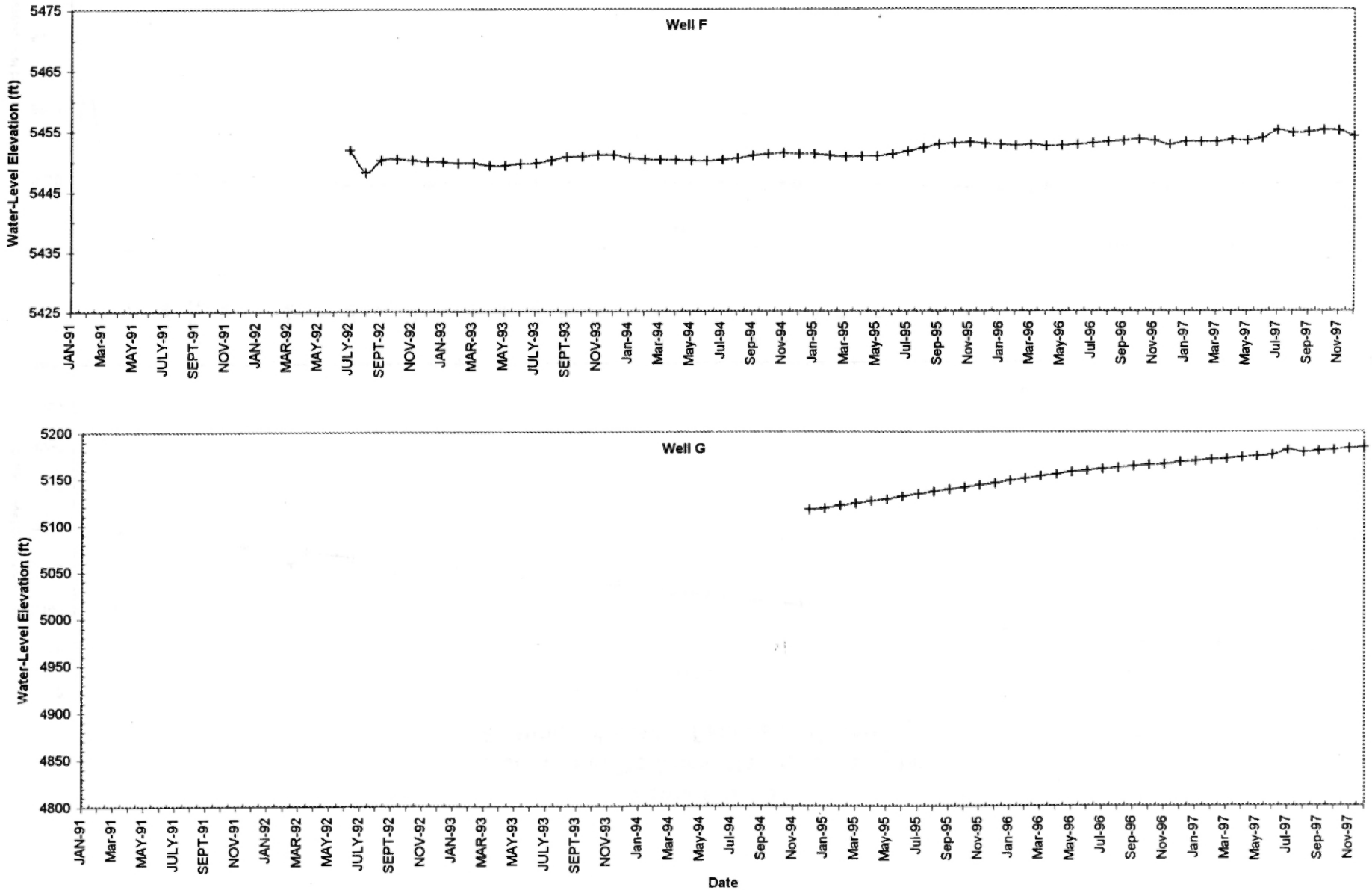


Appendix 10
East Camp Bedrock Well Hydrographs
Montana Bureau of Mines and Geology

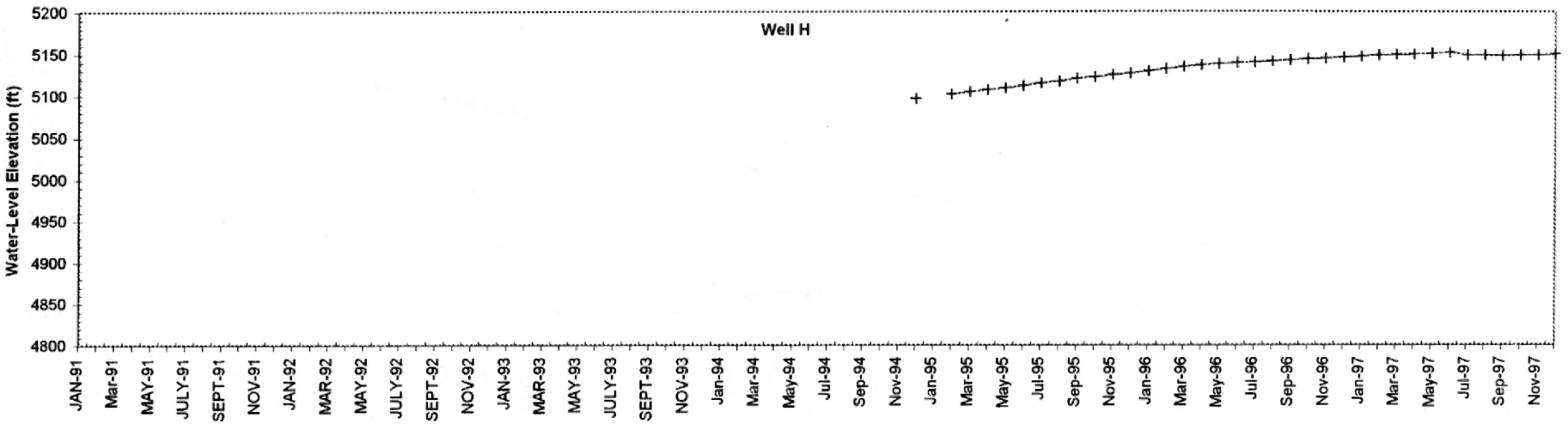


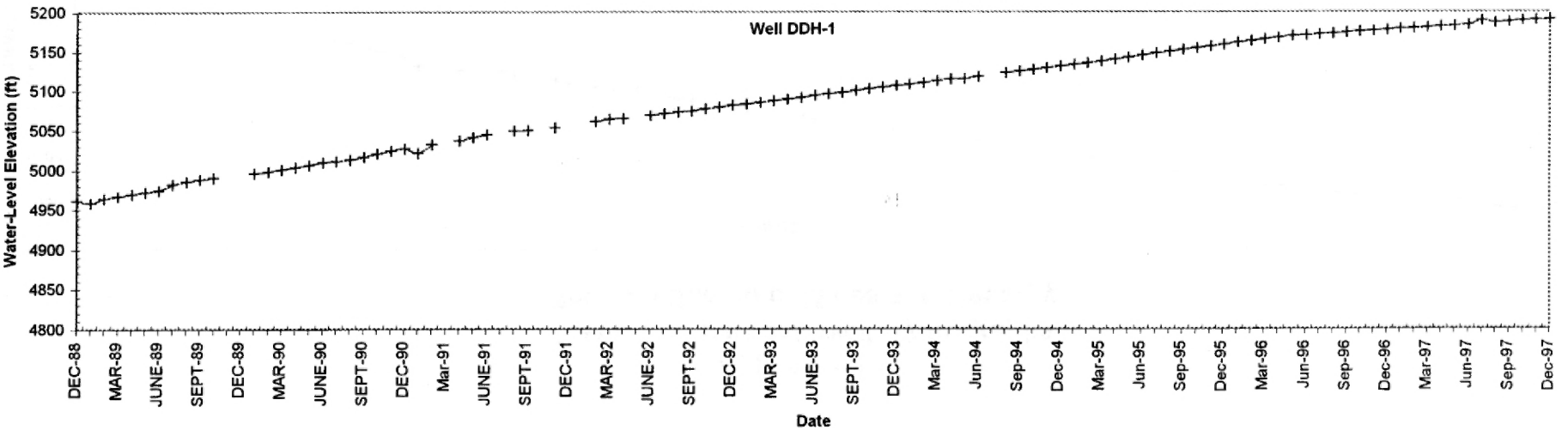


Appendix 10
East Camp Bedrock Well Hydrographs
Montana Bureau of Mines and Geology

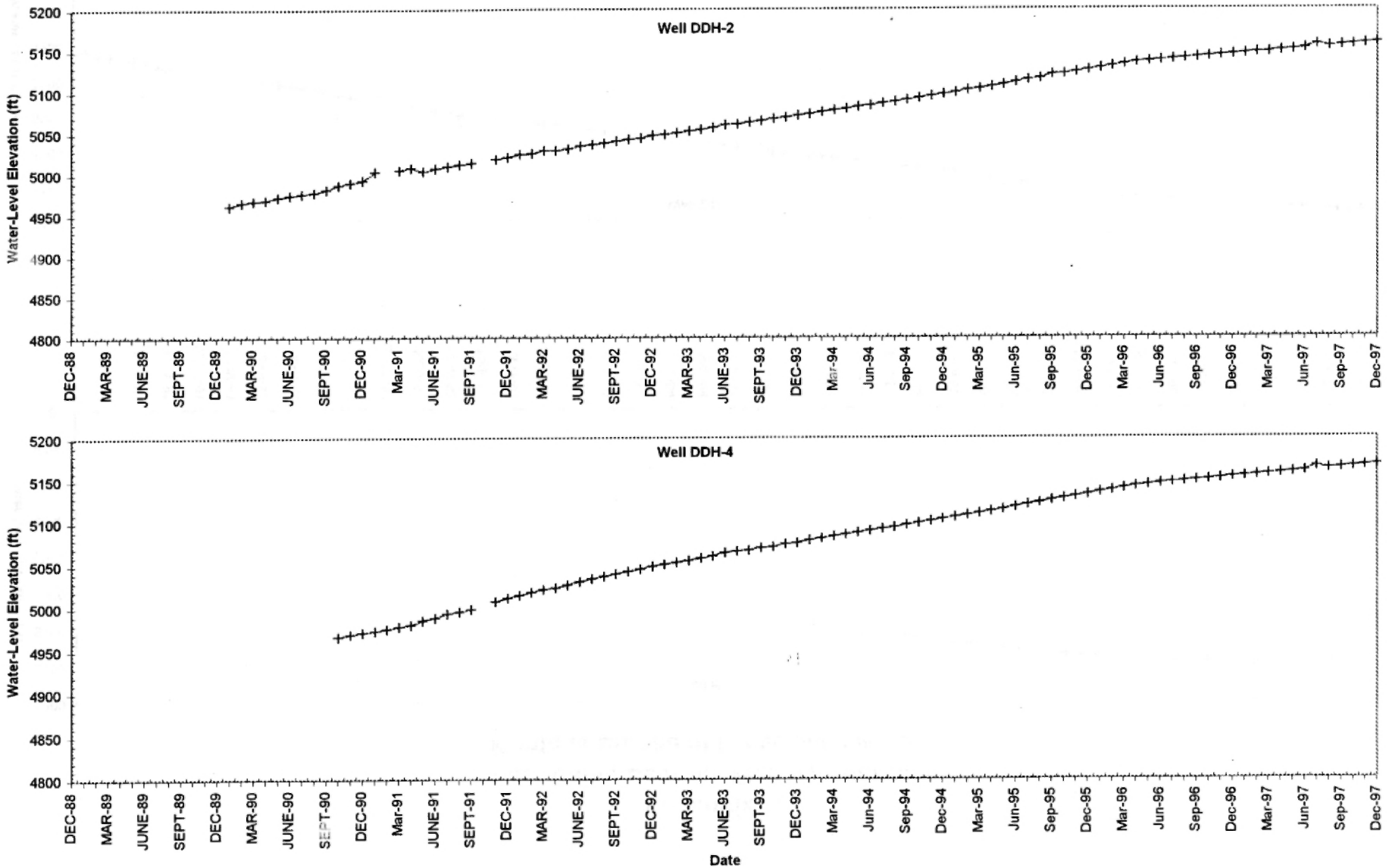


Appendix 10
East Camp Bedrock Well Hydrographs
Montana Bureau of Mines and Geology

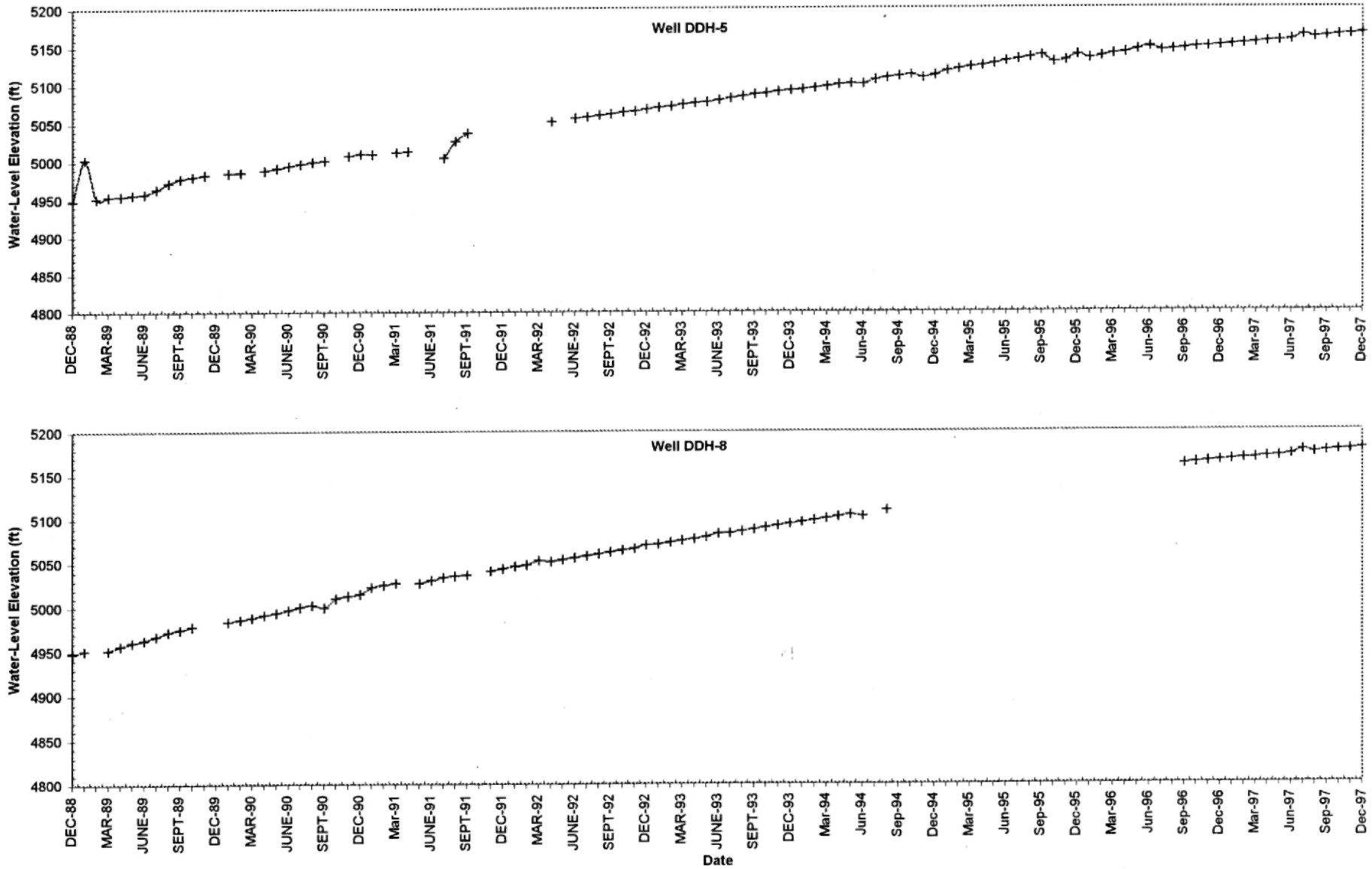




Appendix 10
East Camp Bedrock Well Hydrographs
Montana Bureau of Mines and Geology



Appendix 10
East Camp Bedrock Well Hydrographs
Montana Bureau of Mines and Geology



Appendix 11
Berkeley Pit Monthly
Water Level Data

Appendix 11
Berkeley Pit Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE MO/YR (MP Elev)	BERKELEY PIT ELEV (FT)
Jul-91	4999.50
AUG-91	5001.15
SEPT-91	5005.00
OCT-91	
NOV-91	
DEC-91	5011.50
JAN-92	5012.00
FEB-92	5016.00
MAR-92	
APR-92	5020.54
MAY-92	5022.61
Jun-92	5024.71
Jul-92	5026.67
AUG-92	5028.60
SEPT-92	5030.38
OCT-92	5032.48
NOV-92	5034.64
DEC-92	5036.70
JAN-93	5038.85
FEB-93	5040.81
MAR-93	5043.13
APR-93	5045.04
MAY-93	5047.39
Jun-93	5049.61
Jul-93	5051.83
AUG-93	5054.22
SEPT-93	5056.20
OCT-93	5058.42
NOV-93	5060.52
DEC-93	5062.67
JAN-94	5065.12
FEB-94	5067.36
MAR-94	5069.69
APR-94	5071.68
MAY-94	5073.96
Jun-94	5075.97
Jul-94	5078.29
Aug-84	5080.32
Sep-94	5082.49
Oct-94	5084.77
Nov-94	5087.05
Dec-94	5089.53

DATE MO/YR (MP Elev)	BERKELEY PIT ELEV (FT)
Jan-95	5091.89
Feb-95	5094.08
Mar-95	5096.49
Apr-95	5098.91
May-95	5101.26
Jun-95	5103.79
Jul-95	5106.47
Aug-95	5108.60
Sep-95	5111.19
Oct-95	5113.49
Nov-95	5115.94
Dec-95	5118.24
Jan-96	5120.80
Feb-96	5123.16
Mar-96	5125.89
Apr-96	5127.44
May-96	5128.86
Jun-96	5129.81
Jul-96	5130.81
Aug-96	5132.12
Sep-96	5133.06
Oct-96	5134.03
Nov-96	5135.00
Dec-96	5136.24
Jan-97	5137.42
Feb-97	5138.42
Mar-97	5139.58
Apr-97	5140.80
May-97	5141.83
Jun-97	5143.38
Jul-97	5144.35
Aug-97	5145.42
Sep-97	5146.57
Oct-97	5147.80
Nov-97	5148.80
Dec-97	5148.69

Appendix 12
Monthly West Camp
Water Level Data

Appendix 12
Monthly West Camp Water Level Data
Montana Bureau of Mines and Geology

DATE	TRAVONA (MP Elevation[1] 5590.60')	EMMA (MP Elevation[1] 5636.80')	OPHIR (MP Elevation[1] 5530.29')	WELL 21 (MP Elevation[1] 5471.50')	CHESTER STEELE (MP Elevation[1] 5629.57')
MAY-82	5185.30				
JUN-82					
JUL-82					
AUG-82	5185.30				
SEP-82	5187.90				
OCT-82	5192.30				
NOV-82					
DEC-82	5189.60				
JAN-83	5185.50				
FEB-83	5182.00				
MAR-83	5188.80				
APR-83	5172.80				
MAY-83	5169.30				
JUN-83	5164.80				
JUL-83	5160.70				
AUG-83	5159.20				
SEP-83	5163.40				
OCT-83	5167.50				
NOV-83	5175.20				
DEC-83	5191.60				
JAN-84	5172.00				
FEB-84	5203.00				
MAR-84	5204.80				
APR-84	5206.00				
MAY-84	5202.00				
JUN-84	5208.10				
JUL-84	5210.60				
AUG-84	5212.60				
SEP-84	5228.80				
OCT-84	5235.30				
NOV-84	5244.40				
DEC-84	5247.50				
JAN-85	5252.60				
FEB-85	5255.60				
MAR-85	5258.10				
APR-85	5260.30				
MAY-85	5264.00				
JUN-85	5266.20				
JUL-85	5271.10				
AUG-85	5285.90				
SEP-85	5293.80				
OCT-85	5303.00				
NOV-85	5307.90				
DEC-85	5309.40				
JAN-86	5314.50				
FEB-86	5316.40				

Appendix 12
Monthly West Camp Water Level Data
Montana Bureau of Mines and Geology

DATE	TRAVONA (MP Elevation[1] 5590.60')	EMMA (MP Elevation[1] 5636.80')	OPHIR (MP Elevation[1] 5530.29')	WELL 21 (MP Elevation[1] 5471.50')	CHESTER STEELE (MP Elevation[1] 5629.57')
MAR-86	5318.00				
APR-86	5319.20				
MAY-86	5320.40				
JUN-86	5322.10				
JUL-86	5325.00				
AUG-86	5329.10				
SEP-86	5333.60				
OCT-86	5338.70				
NOV-86	5343.10				
DEC-86	5345.50				
JAN-87	5349.72				
FEB-87	5352.80			5385.30	
MAR-87	5355.52			5388.60	
APR-87	5356.90			5391.00	
MAY-87	5360.60			5393.30	
JUNE-87	5364.52			5398.80	
JULY-87	5369.20			5403.50	
AUG-87	5373.30			5407.29	
SEPT-87	5379.80			5410.24	
OCT-87	5387.45			5413.40	
NOV-87	5393.60			5417.63	
DEC-87	5395.20			5418.78	
JAN-88	5396.90			5420.35	
FEB-88	5398.20			5421.85	
MAR-88	5397.25			5422.57	
APR-88	5395.68	5396.00		5422.14	
MAY-88	5393.73	5394.10		5423.24	
JUNE-88	5392.97	5393.30		5423.05	
JULY-88	5395.18	5395.50		5425.46	5563.01
AUG-88	5400.60	5400.90		5427.95	5584.84
SEPT-88	5404.84	5405.00		5429.62	5591.27
OCT-88	5408.06	5408.30		5431.13	5583.64
NOV-88	5410.30	5410.60		5432.53	5583.50
DEC-88	5410.89	5410.20		5433.10	5579.43
JAN-89	5407.50	5409.65		5433.78	5576.18
FEB-89	5385.88	5385.52		5426.85	5572.29
MAR-89	5395.27	5388.80		5428.78	5567.43
APR-89	5398.71	5398.95		5430.73	5569.30
MAY-89	5401.37	5401.62		5432.28	5566.44
JUNE-89	5403.42	5403.65		5433.71	5567.34
JULY-89	5406.14	5406.32		5434.89	5575.43
AUG-89	5411.45	5411.58		5436.20	5583.41
SEPT-89	5415.85	5416.04		5437.64	5587.76
OCT-89	5420.68	5420.89		5439.12	5587.49
NOV-89	5423.16	5423.36		5439.77	5584.30
DEC-89	5416.56	5416.80		5439.62	5581.22

Appendix 12
Monthly West Camp Water Level Data
Montana Bureau of Mines and Geology

DATE	TRAVONA (MP Elevation[1] 5590.60')	EMMA (MP Elevation[1] 5636.80')	OPHIR (MP Elevation[1] 5530.29')	WELL 21 (MP Elevation[1] 5471.50')	CHESTER STEELE (MP Elevation[1] 5629.57')
JAN-90	5406.70	5406.53		5438.00	5576.94
FEB-90	5399.70	5399.82		5435.94	5573.55
MAR-90	5392.44	5392.52		5434.08	5570.88
APR-90	5388.00	5388.06		5432.58	5567.05
MAY-90	5397.96	5398.05		5433.55	5563.60
JUNE-90	5403.02			5435.04	5563.44
JULY-90	5394.76	5394.38		5435.34	5572.69
AUG-90	5394.22	5393.90		5438.43	5579.32
SEPT-90	5396.22	5396.28		5438.14	5583.49
OCT-90	5409.54	5409.58		5438.80	5583.86
NOV-90	5403.46	5403.52		5438.28	5579.79
DEC-90	5398.14	5398.14		5436.78	5575.45
JAN-91	5407.04	5407.06		5436.81	5571.01
FEB-91	5410.86	5410.92		5437.53	5567.67
MAR-91	5413.32	5413.42		5438.22	5564.23
APR-91	5415.82	5415.88		5439.02	5561.89
MAY-91	5417.98	5418.60		5442.58	5564.52
JUNE-91	5421.06	5421.66		5446.92	5560.73
JULY-91	5428.50	5428.10		5448.17	5565.97
AUG-91	5419.84	5419.46		5446.62	5571.07
SEPT-91	5416.28	5416.48		5447.56	5575.27
OCT-91	5413.26	5413.98		5445.48	5575.09
NOV-91	5423.80	5423.44		5445.46	5571.29
DEC-91	5412.02	5411.66		5444.35	5567.17
JAN-92	5419.84	5419.48		5444.46	5560.96
FEB-92	5421.84	5421.56		5445.14	5557.05
MAR-92	5408.08	5407.70			5551.75
APR-92	5414.80	5414.46		5443.14	5546.17
MAY-92	5416.51	5416.16		5443.21	5542.08
JUNE-92	5418.38	5418.00		5447.92	5544.17
JULY-92	5421.48	5421.10		5449.01	5548.08
AUG-92	5410.08	5409.60		5447.90	5553.48
SEPT-92	5407.00	5406.46		5445.90	5557.21
OCT-92	5402.82	5402.42		5445.62	5559.00
NOV-92	5414.11	5413.72		5445.72	5557.95
DEC-92	5419.23	5418.45		5445.90	5555.97
JAN-93	5422.71	5421.90		5445.95	5552.18
FEB-93	5412.48	5412.20		5444.84	5548.28
MAR-93	5404.04	5403.23		5444.94	5544.04
APR-93	5412.74	5411.93		5447.81	5540.74
MAY-93	5416.60	5415.76		5449.97	
JUNE-93	5421.35	5420.56		5453.00	5541.23
JULY-93	5411.89	5411.06		5452.80	5547.05
AUG-93	5411.94	5411.70		5453.86	5549.87
SEPT-93	5420.26	5419.44		5452.72	5554.81
OCT-93	5418.12	5417.24		5451.68	5557.12

Appendix 12
Monthly West Camp Water Level Data
Montana Bureau of Mines and Geology

DATE	TRAVONA (MP Elevation[1] 5590.60')	EMMA (MP Elevation[1] 5636.80')	OPHIR (MP Elevation[1] 5530.29')	WELL 21 (MP Elevation[1] 5471.50')	CHESTER STEELE (MP Elevation[1] 5629.57')
NOV-93	5409.88	5408.97		5448.82	5555.50
DEC-93	5420.24	5419.38		5448.61	5551.07
JAN-94	5424.72	5423.85	5423.82	5448.13	5546.92
FEB-94	5426.50	5425.68	5425.39	5447.61	5543.00
MAR-94	5427.36	5426.56	5426.25	5447.42	5539.52
APR-94	5412.34	5411.56	5411.24	5446.56	5535.63
MAY-94	5402.92	5402.02	5409.00	5446.36	5531.47
JUNE-94	5410.38	5409.72	5409.00	5447.25	5530.55
JULY-94	5415.98	5415.16	5414.88	5448.32	5540.17
AUG-94	5424.09	5423.27	5422.99	5448.45	5551.40
SEPT-94	5413.55	5412.50	5412.48	5447.35	5558.74
OCT-94	5407.46	5406.63	5409.00	5446.29	5560.32
NOV-94	5419.23	5418.40	5418.14	5446.63	5558.63
DEC-94	5424.48	5423.64	5423.36	5447.83	5556.43
JAN-95	5428.45	5427.61	5427.33	5447.77	5552.64
FEB-95	5424.49	5423.70	5423.44	5448.38	5549.62
MAR-95	5412.68	5411.87	5411.62	5448.40	5546.07
APR-95	5406.28	5405.45	5409.00	5447.80	5543.26
MAY-95	5418.34	5417.50	5417.25	5450.18	5541.84
JUNE-95	5425.55	5424.71	5424.45	5454.38	5545.24
JULY-95	5433.53	5432.79	5432.86	5456.66	5559.58
AUG-95	5427.60	5426.77	5426.54	5454.97	5570.27
SEPT-95	5430.86	5430.94	5430.64	5454.72	5578.64
OCT-95	5426.86	5426.00	5425.76	5452.87	5578.11
NOV-95	5425.03	5424.20	5423.96	5451.61	5573.34
DEC-95	5423.50	5422.64	5422.41	5451.15	5569.15
JAN-96	5420.05	5419.37	5419.11	5449.54	5566.66
FEB-96	5419.82	5418.92	5418.70	5448.81	5563.32
MAR-96	5430.42	5429.55	5429.31	5449.99	5559.73
APR-96	5421.50	5420.63	5420.45	5451.57	5556.34
MAY-96	5418.20	5417.33	5417.17	5452.10	5554.76
JUNE-96	5416.63	5415.64	5415.63	5452.62	5555.98
JULY-96	5417.32	5416.44	5416.33	5452.04	5563.75
AUG-96	5419.28	5418.42	5418.32	5451.58	5569.23
SEPT-96	5421.44	5420.56	5420.49	5426.95	5572.96
OCT-96	5421.95	5421.08	5420.97	5428.96	5573.34
NOV-96	5421.34	5420.46	5420.37	5430.90	5569.41
DEC-96	5419.78	5418.88	5418.85	5429.46	5575.29
JAN-97	5417.97	5417.52	5417.29	5431.00	5573.12
FEB-97	5417.32	5416.86	5416.67	5423.94	5571.31
MAR-97	5428.22	5427.98	5427.78	5437.36	5568.27
APR-97	5423.12	5422.20	5421.98	5434.20	5563.89
MAY-97	5423.21	5422.75	5422.52	5434.12	5565.71
JUNE-97	5425.02	5424.11	5423.91	5432.68	5565.44
JULY-97	5430.72	5429.85	5429.67	5440.26	5581.64
AUG-97	5431.86	5430.94	5430.81	5441.12	5590.01

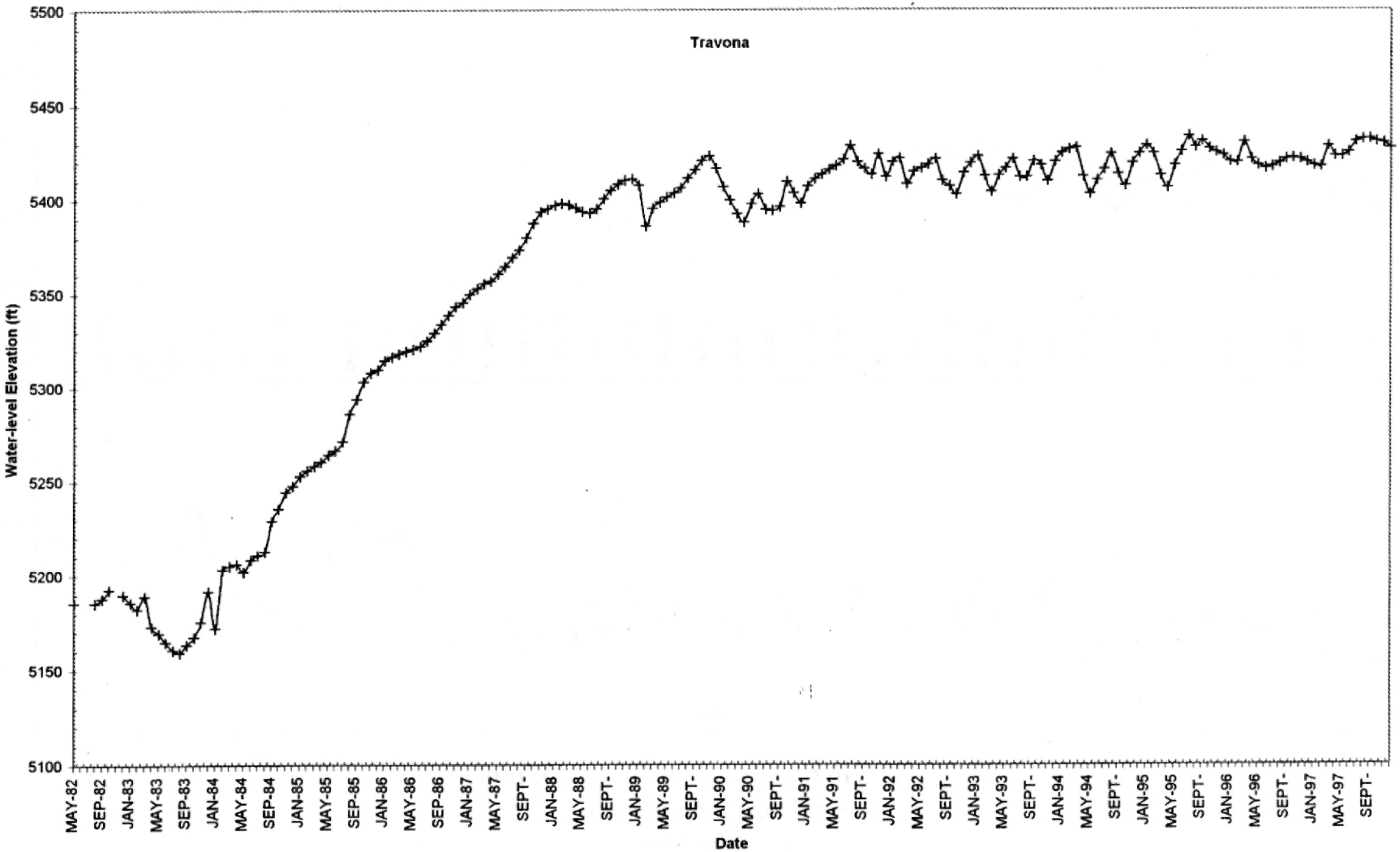
Appendix 12
Monthly West Camp Water Level Data
Montana Bureau of Mines and Geology

DATE	TRAVONA (MP Elevation[1] 5590.60')	EMMA (MP Elevation[1] 5636.80')	OPHIR (MP Elevation[1] 5530.29')	WELL 21 (MP Elevation[1] 5471.50')	CHESTER STEELE (MP Elevation[1] 5629.57')
SEPT-97	5431.96	5431.04	5430.91		5592.50
OCT-97	5430.82	5430.55	5430.25		5593.17
NOV-97	5429.76	5428.82	5428.69		5591.55
DEC-97	5427.07	5426.16	5426.07		5590.11

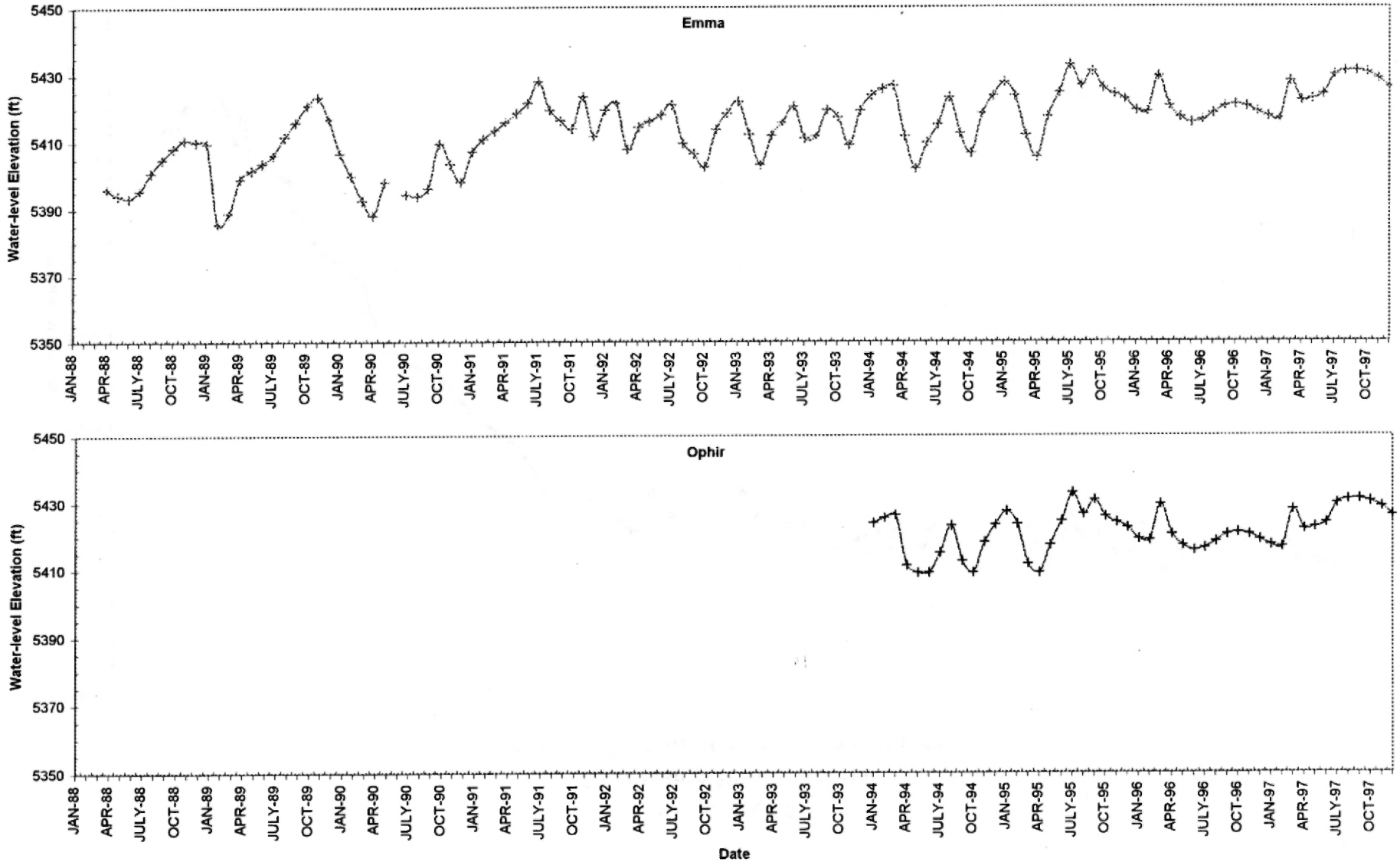
(1) MP Elevation - Elevation of measuring piont, usually top of casing, USGS datum

Appendix 13
West Camp Hydrographs

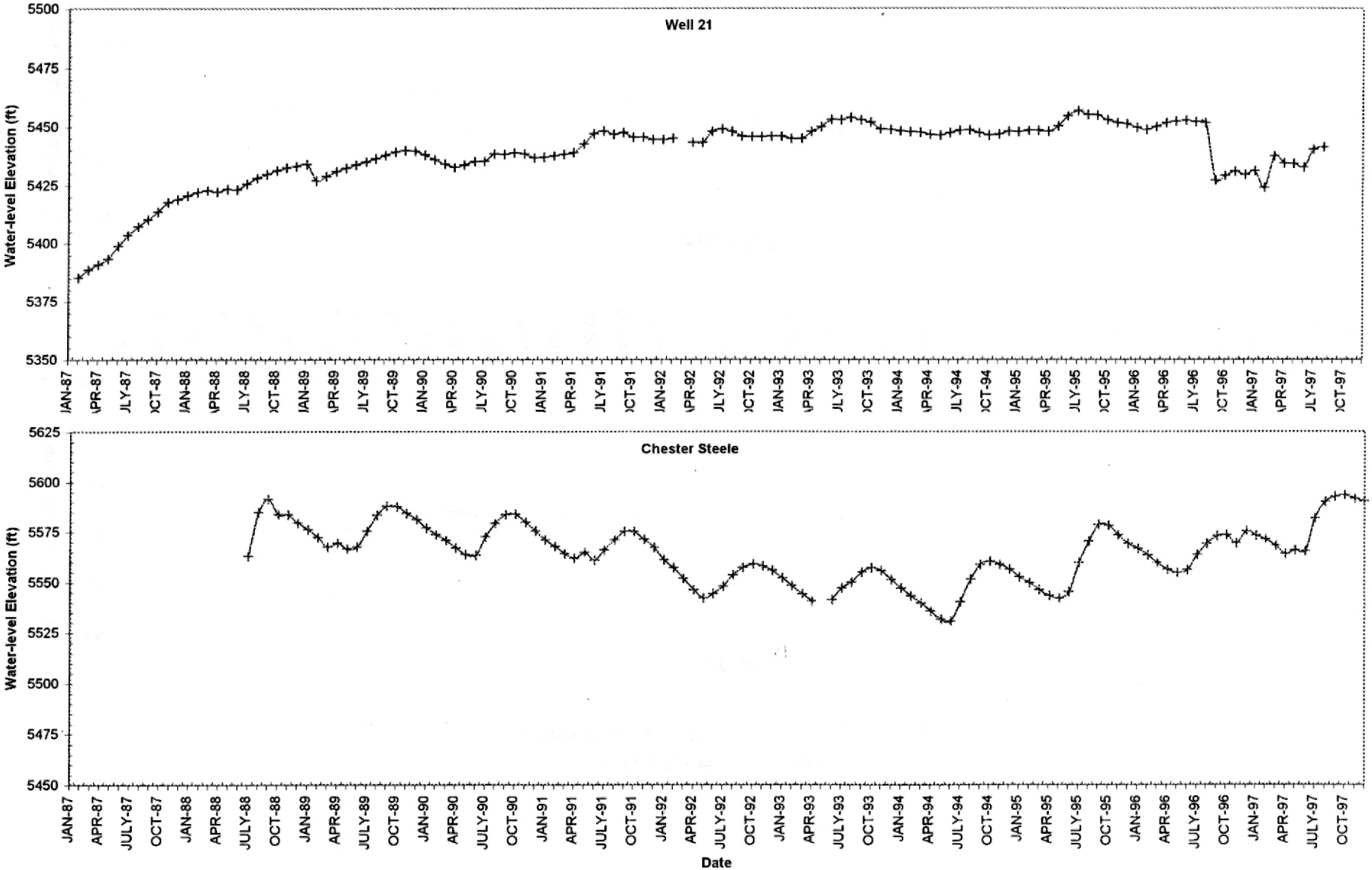
Appendix 13
West Camp Hydrographs
Montana Bureau of Mines and Geology



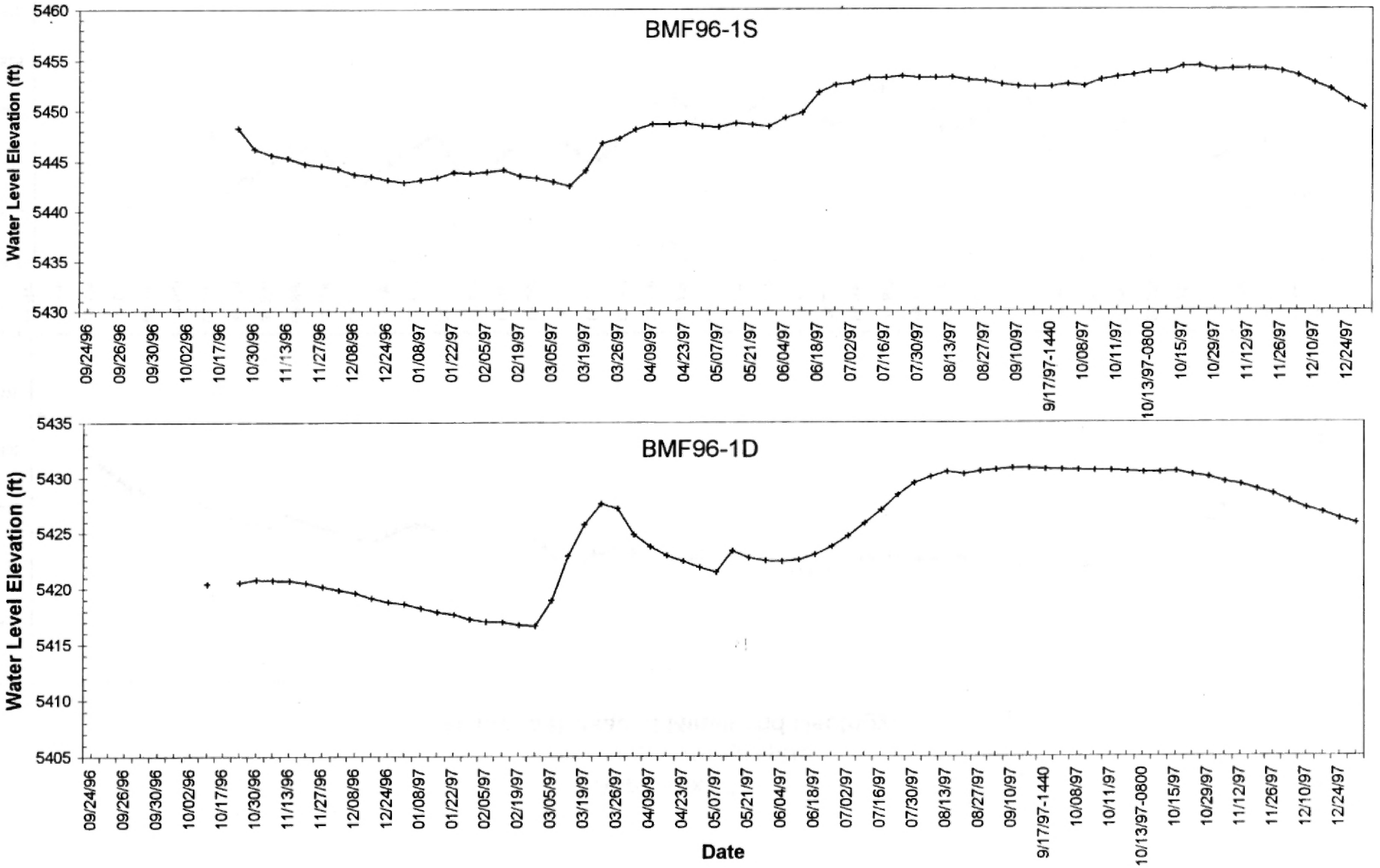
Appendix 13
West Camp Hydrographs
Montana Bureau of Mines and Geology



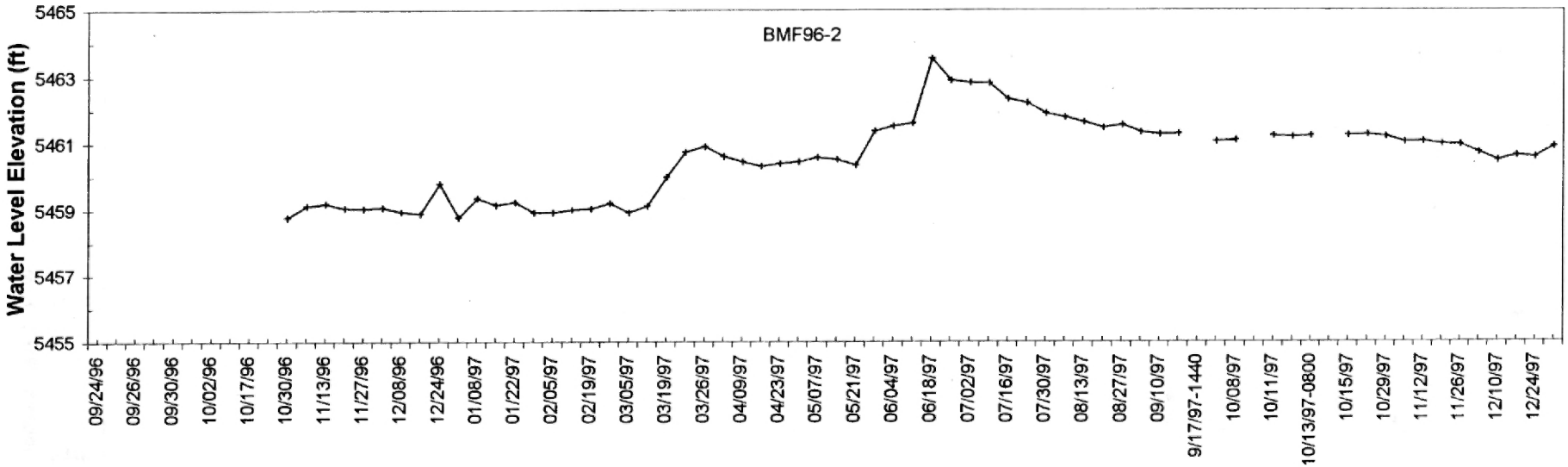
Appendix 13
West Camp Hydrographs
Montana Bureau of Mines and Geology

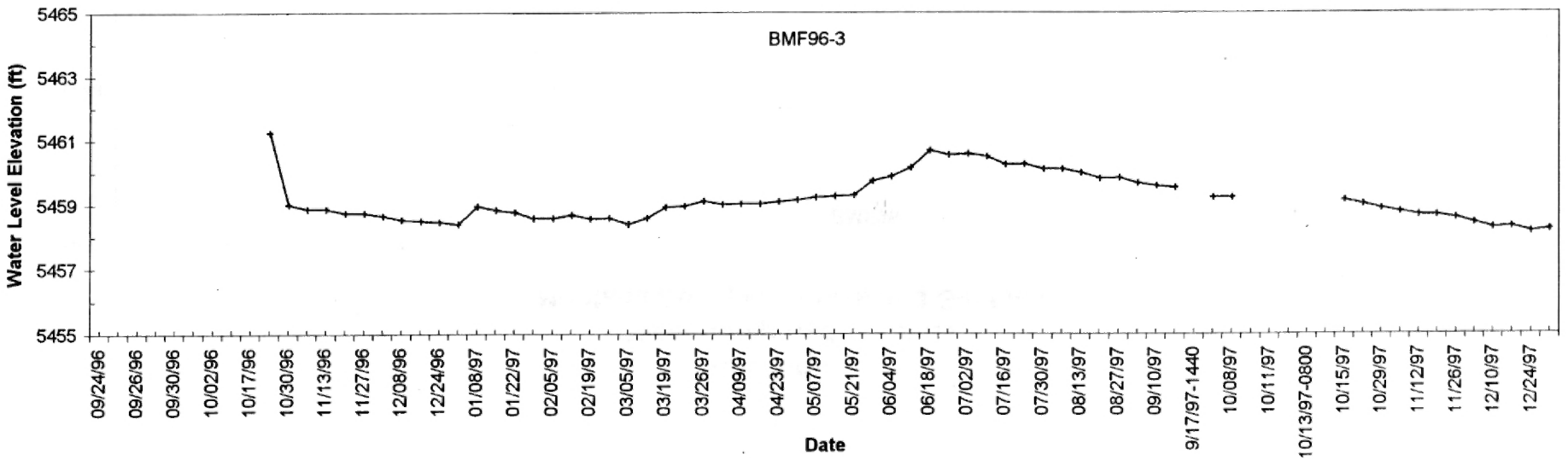


Appendix 13
West Camp Hydrographs
Montana Bureau of Mines and Geology

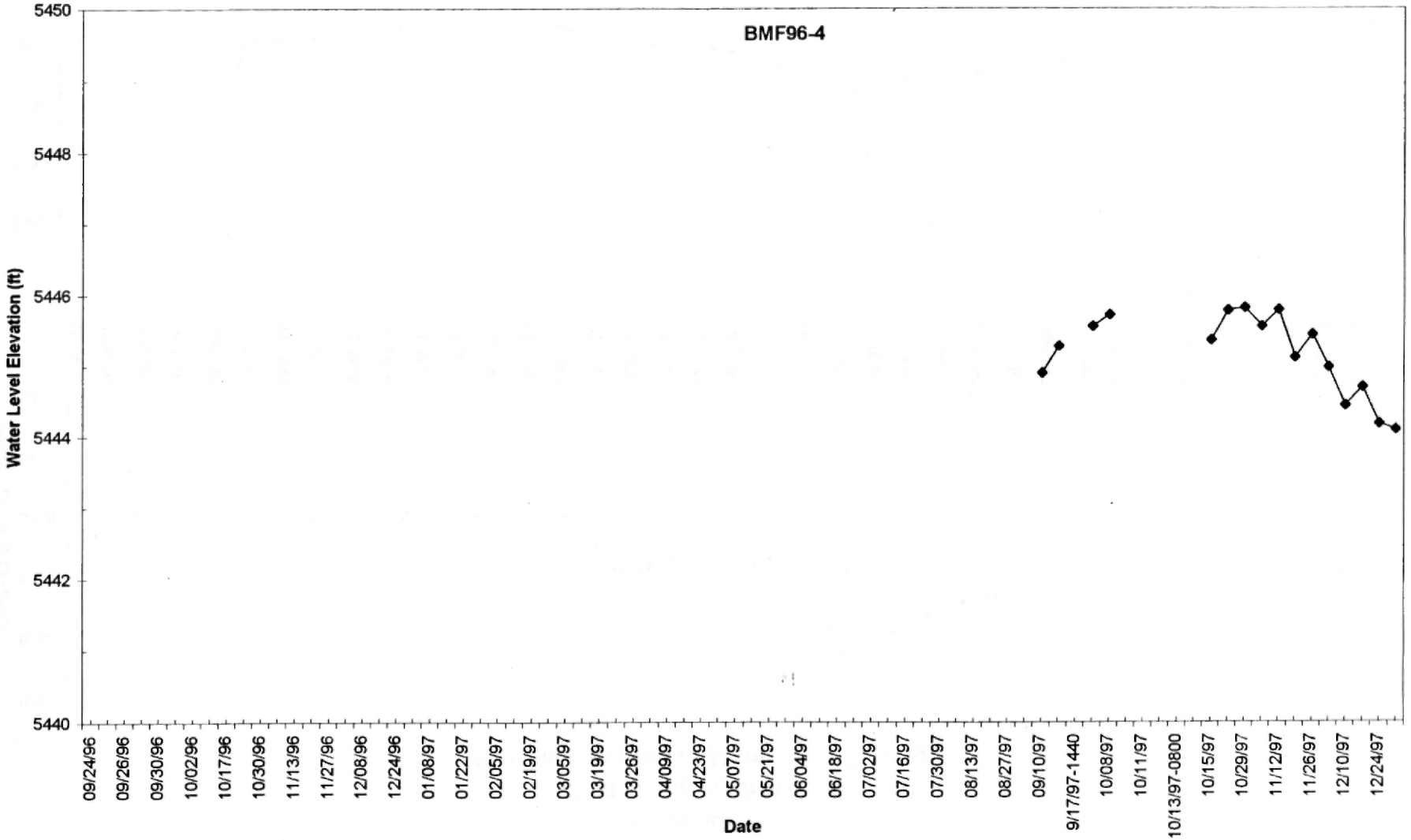


Appendix 13
West Camp Hydrographs
Montana Bureau of Mines and Geology





Appendix 13
West Camp Hydrographs
Montana Bureau of Mines and Geology



Appendix 14
Weekly West Camp
Water Level Data

Appendix 14
Weekly West Camp Water Level Data
Montana Bureau of Mines and Geology

Date (mmddyy)	TRAVONA (MP Elevation[1] 5590.60')	EMMA (MP Elevation[1] 5636.80')	OPHIR (MP Elevation[1] 5530.29')	AMC-21 (MP Elevation[1] 5471.50')	BMF96-1D (MP Elevation[1] 5471.12')	BMF96-1S (MP Elevation[1] 5470.16')	BMF96-2 (MP Elevation[1] 5473.05')
12/23/93				5448.49			
12/30/93	5420.24	5419.38		5448.61			
01/04/94				5448.63			
01/12/94				5448.25			
01/14/94				5448.25			
01/20/94				5448.12			
01/26/94				5448.16			
01/31/94	5424.72	5423.85		5448.04			
02/02/94	5424.71	5424.10	5423.82	5448.13			
02/09/94	5425.54	5424.68	5424.39	5447.99			
02/16/94	5425.90	5424.08	5424.77	5447.85			
02/23/94	5426.38	5425.55	5425.23	5447.86			
03/01/94	5426.50	5425.68	5425.39	5447.61			
03/09/94	5426.88	5426.09	5425.77	5447.70			
03/16/94	5427.28	5426.42	5426.14	5447.81			
03/23/94	5427.41	5426.59	5426.24	5447.62			
03/30/94	5427.36	5426.56	5426.25	5447.42			
04/06/94	5422.60	5421.77	5421.49	5447.38			
04/13/94	5418.18	5417.34	5417.06	5447.01			
04/20/94	5414.69	5413.87	5413.57	5446.59			
04/27/94	5412.34	5411.56	5411.24	5446.56			
05/06/94	5409.11	5408.29	5409.63	5446.39			
05/11/94	5407.45	5406.04		5446.20			
05/18/94	5404.32	5404.40		5446.01			
05/26/94	5402.92	5402.02		5446.36			
06/01/94	5401.48	5400.65		5446.35			
06/08/94	5405.12	5404.25		5446.50			
06/15/94	5407.37	5406.52		5446.90			
06/22/94	5409.03	5408.17		5447.16			
06/29/94	5410.38	5409.72		5447.25			
07/11/94	5412.62	5411.77	5411.52	5447.60			
07/15/94	5413.34	5412.96	5412.38	5447.90			
07/20/94	5414.38	5413.55	5413.29	5448.08			
07/27/94	5415.98	5415.16	5414.88	5448.32			
08/03/94	5417.75	5416.90	5416.63	5448.43			
08/10/94	5419.21	5418.37	5418.12	5448.40			
08/17/94	5420.85	5420.02	5420.14	5448.52			
08/24/94	5422.63	5421.34	5421.49	5448.48			
08/31/94	5424.09	5423.27	5422.99	5448.45			
09/07/94	5419.78	5418.97	5418.72	5448.31			
09/14/94	5416.75	5415.92	5415.67	5447.97			
09/21/94	5414.28	5413.46	5413.19	5447.53			
09/27/94	5413.55	5412.50	5412.48	5447.35			
10/06/94	5411.41	5410.59	5410.32	5446.93			
10/12/94	5410.08	5408.94		5446.55			
10/19/94	5408.73	5407.50		5446.38			
10/26/94	5407.46	5406.63		5446.29			
11/02/94	5408.26	5407.43		5446.17			
11/09/94	5411.81	5411.40	5411.13	5446.29			

Appendix 14
Weekly West Camp Water Level Data
Montana Bureau of Mines and Geology

Date (mmddyy)	TRAVONA (MP Elevation[1] 5590.60')	EMMA (MP Elevation[1] 5636.80')	OPHIR (MP Elevation[1] 5530.29')	AMC-21 (MP Elevation[1] 5471.50')	BMF96-1D (MP Elevation[1] 5471.12')	BMF96-1S (MP Elevation[1] 5470.16')	BMF96-2 (MP Elevation[1] 5473.05')
11/16/94	5415.07	5414.34	5414.09	5446.50			
11/30/94	5419.23	5418.40	5418.14	5446.63			
12/08/94	5420.45	5420.07	5419.80	5447.50			
12/14/94	5421.77	5421.30	5421.03	5447.79			
12/21/94	5423.28	5422.45	5422.19	5447.77			
12/28/94	5424.48	5423.64	5423.36	5447.83			
01/04/95	5425.43	5424.57	5424.28	5447.78			
01/11/95	5426.38	5425.56	5425.29	5447.95			
01/18/95	5427.02	5426.25	5425.93	5447.80			
01/25/95	5427.75	5426.94	5426.66	5447.82			
02/01/95	5428.45	5427.61	5427.33	5447.77			
02/08/95	5429.04	5428.22	5427.94	5447.77			
02/15/95	5429.81	5429.01	5428.72	5448.06			
02/22/95	5430.33	5429.49	5429.19	5448.19			
03/01/95	5424.49	5423.70	5423.44	5448.38			
03/08/95	5420.84	5420.03	5419.76	5448.39			
03/15/95	5417.77	5416.94	5416.70	5448.19			
03/22/95	5415.16	5414.30	5414.07	5448.55			
03/29/95	5412.68	5411.87	5411.62	5448.40			
04/05/95	5410.75	5409.90		5448.30			
04/12/95	5408.78	5407.93		5447.99			
04/19/95	5407.53	5406.70		5448.05			
04/26/95	5406.28	5405.45		5447.80			
05/03/95	5409.19	5408.30		5447.79			
05/10/95	5412.13	5411.27	5411.01	5448.27			
05/17/95	5414.51	5413.66	5413.39	5449.21			
05/24/95	5416.48	5415.63	5415.39	5449.92			
05/31/95	5418.34	5417.50	5417.25	5450.18			
06/07/95	5420.01	5419.19	5418.92	5450.72			
06/14/95	5421.58	5421.05	5420.82	5453.63			
06/21/95	5423.71	5422.89	5422.64	5454.12			
06/28/95	5425.55	5424.71	5424.45	5454.38			
07/05/95	5427.32	5426.50	5426.26	5454.76			
07/12/95	5429.01	5428.17	5427.92	5455.25			
07/19/95	5430.79	5429.94	5429.70	5457.22			
07/25/95	5432.52	5431.11	5431.36	5457.08			
07/26/95	5432.75	5431.92	5431.65	5456.46			
07/31/95	5433.53	5432.79	5432.86	5456.66			
08/02/95	5432.71	5431.94	5431.68	5456.73			
08/09/95	5428.89	5429.44	5429.09	5456.61			
08/16/95	5428.73	5427.91	5427.64	5456.00			
08/23/95	5427.69	5427.63	5427.40	5455.52			
08/30/95	5427.60	5426.77	5426.54	5454.97			
09/06/95	5427.00	5426.17	5425.94	5454.43			
09/13/95	5426.58	5425.76	5425.51	5454.51			
09/20/95	5426.64	5425.83	5425.53	5454.51			
09/27/95	5431.74	5430.94	5430.64	5454.72			
09/29/95	5432.58						
10/04/95	5430.26	5429.42	5429.17	5454.16			

Appendix 14
Weekly West Camp Water Level Data
Montana Bureau of Mines and Geology

Date (mmddyy)	TRAVONA (MP Elevation[1] 5590.60')	EMMA (MP Elevation[1] 5636.80')	OPHIR (MP Elevation[1] 5530.29')	AMC-21 (MP Elevation[1] 5471.50')	BMF96-1D (MP Elevation[1] 5471.12')	BMF96-1S (MP Elevation[1] 5470.16')	BMF96-2 (MP Elevation[1] 5473.05')
10/11/95	5428.57	5427.76	5427.47	5454.03			
10/18/95	5427.40	5426.56	5426.28	5453.70			
10/25/95	5427.02	5426.38	5426.14	5453.30			
10/27/95	5427.12	5426.33	5426.05	5453.16			
11/01/95	5426.86	5426.00	5425.76	5452.87			
11/08/95	5426.37	5425.52	5425.27	5452.59			
11/15/95	5426.03	5425.14	5424.92	5452.20			
11/22/95	5425.16	5424.38	5424.55	5451.90			
11/29/95	5425.03	5424.20	5423.96	5451.61			
12/06/95	5425.04	5424.19	5423.92	5451.45			
12/13/95	5425.16	5424.30	5424.06	5451.64			
12/20/95	5424.30	5423.43	5423.22	5451.37			
12/27/95	5423.50	5422.64	5422.41	5451.15			
01/03/96	5423.00	5422.12	5421.90	5451.17			
01/10/96	5422.18	5421.32	5421.10	5450.57			
01/17/96	5421.65	5420.74	5420.56	5450.39			
01/24/96	5421.06	5420.18	5420.00	5450.18			
01/30/96	5420.05	5419.37	5419.16	5449.54			
02/07/96	5419.69	5418.79	5418.63	5449.47			
02/14/96	5419.01	5418.14	5417.98	5449.29			
02/21/96	5418.72	5417.71	5417.67	5449.12			
02/28/96	5419.82	5418.92	5418.70	5448.81			
03/06/96	5423.72	5422.81	5422.61	5448.84			
03/13/96	5426.52	5425.67	5425.42	5449.14			
03/20/96	5428.64	5427.77	5427.52	5449.60			
03/27/96	5430.42	5429.55	5429.31	5449.99			
04/03/96	5426.74	5426.55	5426.34	5450.07			
04/10/96	5430.18	5424.54	5424.33	5450.19			
04/17/96	5429.76	5424.54	5422.88	5451.15			
04/24/96	5422.65	5421.68	5421.63	5451.48			
05/01/96	5421.50	5420.63	5420.45	5451.57			
05/08/96	5420.49	5419.62	5419.44	5451.64			
05/15/96	5419.65	5418.71	5418.62	5451.70			
05/22/96	5418.89	5417.87	5417.86	5451.79			
05/29/96	5418.20	5417.33	5417.17	5452.10			
06/05/96	5417.62	5416.76	5416.61	5452.30			
06/12/96	5417.17	5416.18	5416.16	5452.49			
06/19/96	5416.82	5415.95	5415.81	5452.45			
06/26/96	5416.63	5415.64	5415.63	5452.62			
07/03/96	5416.51	5415.66	5415.53	5452.78			
07/10/96	5416.48	5415.62	5415.47	5452.66			
07/17/96	5416.68	5415.78	5415.64	5452.42			
07/24/96	5416.86	5416.02	5415.93	5452.13			
07/31/96	5417.32	5416.44	5416.33	5452.04			
08/07/96	5417.88	5417.02	5416.89	5451.98			
08/14/96	5418.38	5417.46	5417.33	5451.91			
08/21/96	5418.82	5417.86	5417.82	5451.70			
08/28/96	5419.28	5418.42	5418.32	5451.58			
09/04/96	5419.90	5419.04	5418.93	5451.58			

Appendix 14
Weekly West Camp Water Level Data
Montana Bureau of Mines and Geology

Date (mmddyy)	TRAVONA (MP Elevation[1] 5590.60')	EMMA (MP Elevation[1] 5636.80')	OPHIR (MP Elevation[1] 5530.29')	AMC-21 (MP Elevation[1] 5471.50')	BMF96-1D (MP Elevation[1] 5471.12')	BMF96-1S (MP Elevation[1] 5470.16')	BMF96-2 (MP Elevation[1] 5473.05')
09/11/96	5420.30	5419.51	5419.33	5451.29			
09/18/96	5420.83	5419.98	5419.81	5451.10			
09/24/96				5450.86			
09/25/96	5421.21	5420.36	5420.24	5450.46			
09/26/96				5450.84			
09/27/96				5448.82			
09/30/96				5448.56			
10/02/96	5421.44	5420.56	5420.49	5426.95			
10/09/96	5421.70	5420.82	5420.75	5428.05			
10/16/96	5421.94	5421.05	5420.98	5429.72	5420.37		
10/23/96	5421.98	5421.10	5421.02	5428.46			
10/30/96	5421.94	5421.04	5420.95	5429.06	5420.50	5448.26	
10/31/96	5421.95	5421.08	5420.97		5420.79	5446.15	5458.76
11/06/96	5421.93	5421.05	5420.97	5429.84	5420.74	5445.61	5459.11
11/13/96	5421.88	5420.98	5420.88	5430.57	5420.68	5445.28	5459.17
11/20/96	5421.82	5420.83	5420.75	5430.82	5420.48	5444.68	5459.05
11/27/96	5421.34	5420.46	5420.37	5430.90	5420.14	5444.50	5459.03
12/04/96	5421.08	5420.18	5420.09	5430.47	5419.84	5444.21	5459.07
12/11/96	5420.84	5419.90	5419.87	5431.43	5419.59	5443.65	5458.93
12/18/96	5420.31	5419.42	5419.36	5428.57	5419.08	5443.46	5458.88
12/24/96	5419.61	5419.32	5419.16	5429.15	5418.77	5443.08	5459.78
12/31/96	5419.78	5418.88	5418.85	5429.46	5418.58	5442.85	5458.76
01/08/97	5419.42	5418.52	5418.29	5430.06	5418.21	5443.06	5459.34
01/15/97	5419.06	5418.16	5417.91	5430.47	5417.84	5443.33	5459.15
01/22/97	5418.86	5417.96	5417.75	5430.98	5417.64	5443.84	5459.23
01/29/97	5417.97	5417.52	5417.29	5431.00	5417.21	5443.74	5458.91
02/05/97	5418.24	5417.32	5417.10	5431.20	5417.00	5443.90	5458.92
02/12/97	5418.20	5417.30	5417.07	5431.46	5416.96	5444.06	5458.99
02/19/97	5418.00	5417.08	5416.87	5423.44	5416.72	5443.46	5459.03
02/26/97	5417.32	5416.86	5416.67	5423.94	5416.63	5443.26	5459.19
03/05/97	5420.15	5419.24	5418.99	5426.28	5418.90	5442.90	5458.91
03/12/97	5424.14	5423.24	5422.99	5430.14	5422.89	5442.46	5459.11
03/19/97	5426.96	5426.04	5425.81	5433.12	5425.70	5444.02	5459.99
03/26/97	5428.40	5427.52	5427.29	5436.96	5427.15	5447.19	5460.91
04/02/97	5425.60	5425.12	5424.91	5434.17	5424.80	5448.09	5460.61
04/09/97	5425.00	5424.08	5423.87	5434.64	5423.74	5448.61	5460.45
04/16/97	5424.16	5423.24	5423.03	5434.07	5422.90	5448.62	5460.31
04/23/97	5423.64	5422.73	5422.51	5434.42	5422.39	5448.74	5460.39
04/30/97	5423.12	5422.20	5421.98	5434.20	5421.85	5448.42	5460.44
05/07/97	5422.66	5421.75	5421.51	5435.38	5421.42	5448.33	5460.57
05/14/97	5424.60	5423.68	5423.49	5437.24	5423.35	5448.70	5460.51
05/21/97	5423.96	5423.04	5422.84	5432.86	5422.71	5448.58	5460.35
05/28/97	5423.21	5422.75	5422.52	5434.12	5422.43	5448.38	5461.36
06/04/97	5423.66	5422.75	5422.55	5435.34	5422.42	5449.24	5461.52
06/11/97	5423.78	5422.88	5422.67	5436.58	5422.54	5449.78	5461.60
06/18/97	5424.26	5423.34	5423.15	5431.44	5422.98	5451.74	5463.54
06/25/97	5425.02	5424.11	5423.91	5432.68	5423.74	5452.51	5462.88
07/02/97	5425.94	5425.04	5424.85	5434.21	5424.68	5452.68	5462.81
07/09/97	5427.10	5426.18	5426.05	5435.90	5425.84	5453.17	5462.79

Appendix 14
Weekly West Camp Water Level Data
Montana Bureau of Mines and Geology

Date (mmddyy)	TRAVONA (MP Elevation[1] 5590.60')	EMMA (MP Elevation[1] 5636.80')	OPHIR (MP Elevation[1] 5530.29')	AMC-21 (MP Elevation[1] 5471.50')	BMF96-1D (MP Elevation[1] 5471.12')	BMF96-1S (MP Elevation[1] 5470.16')	BMF96-2 (MP Elevation[1] 5473.05')
07/16/97	5428.27	5427.38	5427.21	5437.32	5427.02	5453.20	5462.32
07/23/97	5429.54	5428.66	5428.54	5438.98	5428.38	5453.37	5462.21
07/30/97	5430.72	5429.85	5429.67	5440.26	5429.48	5453.22	5461.89
08/06/97	5431.26	5430.38	5430.21	5441.26	5430.02	5453.22	5461.77
08/13/97	5431.80	5430.90	5430.73	5442.02	5430.52	5453.28	5461.63
08/20/97	5431.66	5430.76	5430.60	5442.03	5430.27	5452.97	5461.46
08/27/97	5431.86	5430.94	5430.81	5441.12	5430.56	5452.90	5461.54
09/03/97	5431.98	5431.04	5430.88	5441.57	5430.68	5452.56	5461.34
09/10/97	5432.08	5431.18	5431.02	5442.15	5430.80	5452.38	5461.27
09/17/97	5432.08	5431.08	5430.93	5442.65			
10/01/97	5431.96	5431.04	5430.91	Plugged	5430.66	5452.57	5461.05
10/08/97	5431.88	5430.98	5430.85	Plugged	5430.62	5452.38	5461.08
10/15/97	5431.67	5430.62	5430.49	Plugged	5430.50	5454.33	5461.23
10/22/97	5431.46	5429.88	5430.44	Plugged	5430.19	5454.37	5461.25
10/29/97	5430.82	5430.55	5430.25	Plugged	5430.00	5453.96	5461.20
11/05/97	5430.88	5429.96	5429.84	Plugged	5429.56	5454.06	5461.03
11/12/97	5430.58	5429.67	5429.53	Plugged	5429.28	5454.14	5461.05
11/19/97	5430.18	5429.28	5429.16	Plugged	5428.89	5454.08	5460.97
11/26/97	5429.76	5428.82	5428.69	Plugged	5428.46	5453.82	5460.95
12/03/97	5429.10	5428.18	5428.06	Plugged	5427.80	5453.43	5460.73
12/10/97	5428.38	5427.53	5427.42	Plugged	5427.16	5452.66	5460.47
12/17/97	5428.06	5427.14	5427.04	Plugged	5426.79	5452.02	5460.62
12/24/97	5427.58	5426.58	5426.47	Plugged	5426.20	5450.88	5460.57
12/31/97	5427.07	5426.16	5426.07	Plugged	5425.78	5450.21	5460.89

[1] MP Elevation - Elevation of measuring point, usually top of casing, USGS datum

Appendix 14
Weekly West Camp Water Level Data
Montana Bureau of Mines and Geology

Date (mmddyy)	BMF96-3 (MP Elevation[1] 5467.27')	BMF96-4 (MP Elevation[1] 5490.93')	WCPW-1 (MP Elevation[1] 5471.35')	Chester Steele (MP Elevation[1] 5629.57')
12/23/93				
12/30/93				
01/04/94				
01/12/94				
01/14/94				
01/20/94				
01/26/94				
01/31/94				
02/02/94				
02/09/94				
02/16/94				
02/23/94				
03/01/94				
03/09/94				
03/16/94				
03/23/94				
03/30/94				
04/06/94				
04/13/94				
04/20/94				
04/27/94				
05/06/94				
05/11/94				
05/18/94				
05/26/94				
06/01/94				
06/08/94				
06/15/94				
06/22/94				
06/29/94				
07/11/94				
07/15/94				
07/20/94				
07/27/94				
08/03/94				
08/10/94				
08/17/94				
08/24/94				
08/31/94				
09/07/94				
09/14/94				
09/21/94				
09/27/94				
10/06/94				
10/12/94				
10/19/94				
10/26/94				
11/02/94				
11/09/94				

Appendix 14
Weekly West Camp Water Level Data
Montana Bureau of Mines and Geology

Date (mmddyy)	BMF96-3 (MP Elevation[1] 5467.27')	BMF96-4 (MP Elevation[1] 5490.93')	WCPW-1 (MP Elevation[1] 5471.35')	Chester Steele (MP Elevation[1] 5629.57')
11/16/94				
11/30/94				
12/08/94				
12/14/94				
12/21/94				
12/28/94				
01/04/95				
01/11/95				
01/18/95				
01/25/95				
02/01/95				
02/08/95				
02/15/95				
02/22/95				
03/01/95				
03/08/95				
03/15/95				
03/22/95				
03/29/95				
04/05/95				
04/12/95				
04/19/95				
04/26/95				
05/03/95				
05/10/95				
05/17/95				
05/24/95				
05/31/95				
06/07/95				
06/14/95				
06/21/95				
06/28/95				
07/05/95				
07/12/95				
07/19/95				
07/25/95				
07/26/95				
07/31/95				
08/02/95				
08/09/95				
08/16/95				
08/23/95				
08/30/95				
09/06/95				
09/13/95				
09/20/95				
09/27/95				
09/29/95				
10/04/95				

Appendix 14
Weekly West Camp Water Level Data
Montana Bureau of Mines and Geology

Date (mmddyy)	BMF96-3 (MP Elevation[1] 5467.27')	BMF96-4 (MP Elevation[1] 5490.93')	WCPW-1 (MP Elevation[1] 5471.35')	Chester Steele (MP Elevation[1] 5629.57')
10/11/95				
10/18/95				
10/25/95				
10/27/95				
11/01/95				
11/08/95				
11/15/95				
11/22/95				
11/29/95				
12/06/95				
12/13/95				
12/20/95				
12/27/95				
01/03/96				
01/10/96				
01/17/96				
01/24/96				
01/30/96				
02/07/96				
02/14/96				
02/21/96				
02/28/96				
03/06/96				
03/13/96				
03/20/96				
03/27/96				
04/03/96				
04/10/96				
04/17/96				
04/24/96				
05/01/96				
05/08/96				
05/15/96				
05/22/96				
05/29/96				
06/05/96				
06/12/96				
06/19/96				
06/26/96				
07/03/96				
07/10/96				
07/17/96				
07/24/96				
07/31/96				
08/07/96				
08/14/96				
08/21/96				
08/28/96				
09/04/96				

Appendix 14
Weekly West Camp Water Level Data
Montana Bureau of Mines and Geology

Date (mmddyy)	BMF96-3 (MP Elevation[1] 5467.27')	BMF96-4 (MP Elevation[1] 5490.93')	WCPW-1 (MP Elevation[1] 5471.35')	Chester Steele (MP Elevation[1] 5629.57')
09/11/96				
09/18/96				
09/24/96				
09/25/96				
09/26/96				
09/27/96				
09/30/96				
10/02/96				
10/09/96				
10/16/96				
10/23/96				
10/30/96	5461.24			
10/31/96	5458.99			
11/06/96	5458.87			
11/13/96	5458.86			
11/20/96	5458.73			
11/27/96	5458.73			
12/04/96	5458.64			
12/11/96	5458.52			
12/18/96	5458.49			
12/24/96	5458.46			
12/31/96	5458.39			
01/08/97	5458.95			
01/15/97	5458.82			
01/22/97	5458.76			
01/29/97	5458.58			
02/05/97	5458.57			
02/12/97	5458.67			
02/19/97	5458.55			
02/26/97	5458.57			
03/05/97	5458.39			
03/12/97	5458.57			
03/19/97	5458.91			
03/26/97	5459.09			
04/02/97	5458.99			
04/09/97	5459.02			
04/16/97	5459.01			
04/23/97	5459.08			
04/30/97	5459.13			
05/07/97	5459.21			
05/14/97	5459.25			
05/21/97	5459.29			
05/28/97	5459.73			
06/04/97	5459.86			
06/11/97	5460.13			
06/18/97	5460.67			
06/25/97	5460.53			
07/02/97	5460.56			
07/09/97	5460.48			

Appendix 14
Weekly West Camp Water Level Data
Montana Bureau of Mines and Geology

Date (mmddyy)	BMF96-3 (MP Elevation[1] 5467.27')	BMF96-4 (MP Elevation[1] 5490.93')	WCPW-1 (MP Elevation[1] 5471.35')	Chester Steele (MP Elevation[1] 5629.57')
07/16/97	5460.23			
07/23/97	5460.25			
07/30/97	5460.09			
08/06/97	5460.09			
08/13/97	5459.97			
08/20/97	5459.81			
08/27/97	5459.82			
09/03/97	5459.65			
09/10/97	5459.57	5444.89		5591.79
09/17/97				
10/01/97	5459.22	5445.55		5592.50
10/08/97	5459.22	5445.71		5592.33
10/15/97	5459.11	5445.35	5430.97	5592.09
10/22/97	5459.00	5445.77		5592.99
10/29/97	5458.87	5445.81		5593.17
11/05/97	5458.76	5445.55	5430.05	5592.81
11/12/97	5458.66	5445.78	5429.80	5592.65
11/19/97	5458.65	5445.11	5429.39	5592.25
11/26/97	5458.55	5445.43	5428.96	5591.55
12/03/97	5458.41	5444.97	5428.29	5591.27
12/10/97	5458.26	5444.43	5427.08	5590.77
12/17/97	5458.29	5444.69	5426.72	5590.84
12/24/97	5458.13	5444.17	5426.13	5590.17
12/31/97	5458.20	5444.09	5425.71	5590.11

[1] MP Elevat

Appendix 15
Outer Camp Monthly
Water Level Data

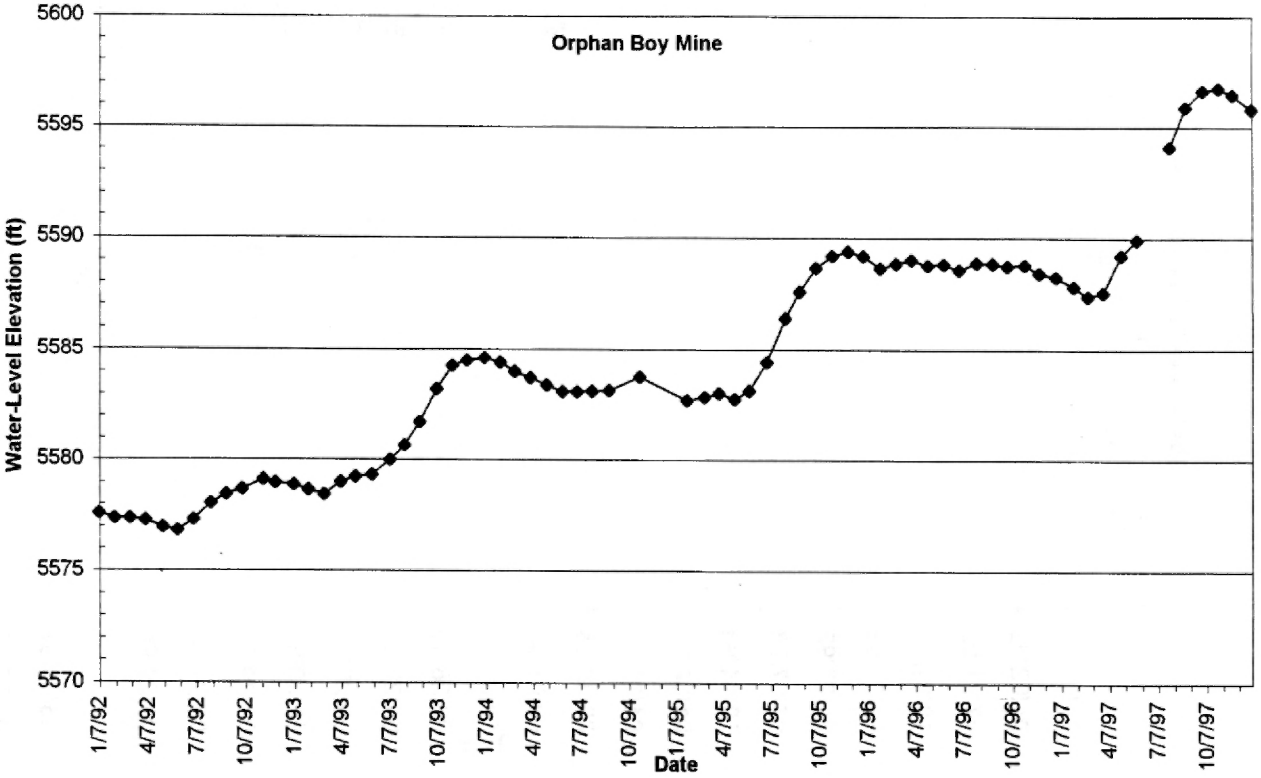
Appendix 15
Outer Camp Monthly Water Level Data
Montana Bureau of Mines and Geology

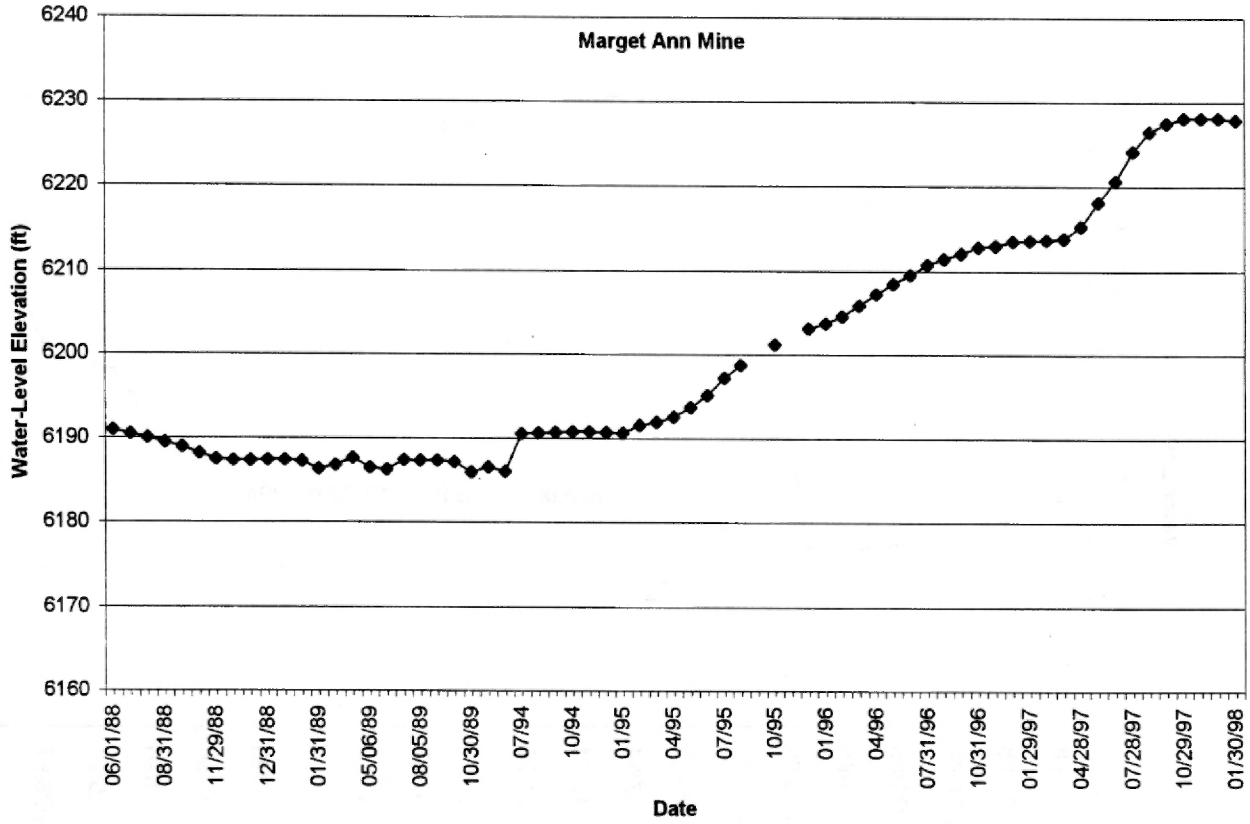
DATE (mmddyy)	Orphan Boy (MP Elevation[1] 5700.)	Tech Well (MP Elevation[1] 5650.)	DATE (mmddyy)	Orphan Boy (MP Elevation[1] 5700.)	Tech Well (MP Elevation[1] 5650.)
01/07/92	5577.57		11/29/95	5589.38	5571.89
02/04/92	5577.34		12/28/95	5589.19	5571.54
03/04/92	5577.36		01/30/96	5588.64	5570.85
04/02/92	5577.25		02/29/96	5588.84	5570.79
05/05/92	5576.94		03/29/96	5589.01	5570.95
06/01/92	5576.79		04/29/96	5588.74	5570.75
07/01/92	5577.30		05/29/96	5588.79	5570.74
08/03/92	5578.04		06/27/96	5588.53	5570.91
09/01/92	5578.44		07/31/96	5588.86	5570.70
10/01/92	5578.69		08/29/96	5588.84	5570.72
11/09/92	5579.12		09/26/96	5588.73	5571.01
12/02/92	5578.98		10/29/96	5588.78	5570.72
01/06/93	5578.88		11/25/96	5588.40	5570.46
02/03/93	5578.66		12/26/96	5588.23	5570.37
03/04/93	5578.45	5562.16	01/29/97	5587.80	5569.37
04/05/93	5579.01		02/25/97	5587.36	5569.19
05/03/93	5579.24		03/25/97	5587.52	5569.20
06/03/93	5579.31	5562.52	04/28/97	5589.20	5571.04
07/07/93	5579.98		05/28/97	5589.89	5571.50
08/04/93	5580.66		06/27/97		5571.82
09/02/93	5581.71		07/28/97	5594.08	5576.37
10/04/93	5583.18		08/28/97	5595.85	5578.16
11/03/93	5584.23		09/29/97	5596.61	5579.10
12/01/93	5584.47		10/29/97	5596.73	5579.30
01/04/94	5584.59		11/24/97	5596.43	5578.75
02/03/94	5584.39		12/30/97	5595.79	5577.71
03/02/94	5583.98				
04/01/94	5583.69				
05/03/94	5583.36				
06/02/94	5583.08				
06/30/94	5583.07				
07/28/94	5583.10				
08/30/94	5583.13	5565.42			
09/01/94					
10/28/94	5583.75	5565.99			
11/01/94					
12/01/94					
01/26/95	5582.71	5564.82			
02/28/95	5582.85	5564.69			
03/28/95	5583.03	5564.81			
04/27/95	5582.76	5564.87			
05/25/95	5583.12	5564.94			
06/28/95	5584.42	5566.48			
08/01/95	5586.37	5569.22			
08/29/95	5587.56	5570.29			
09/29/95	5588.64	5571.62			
10/30/95	5589.17	5571.96			

(1) MP Elevation - Elevation of measuring point, usually top of casing, USGS datum.

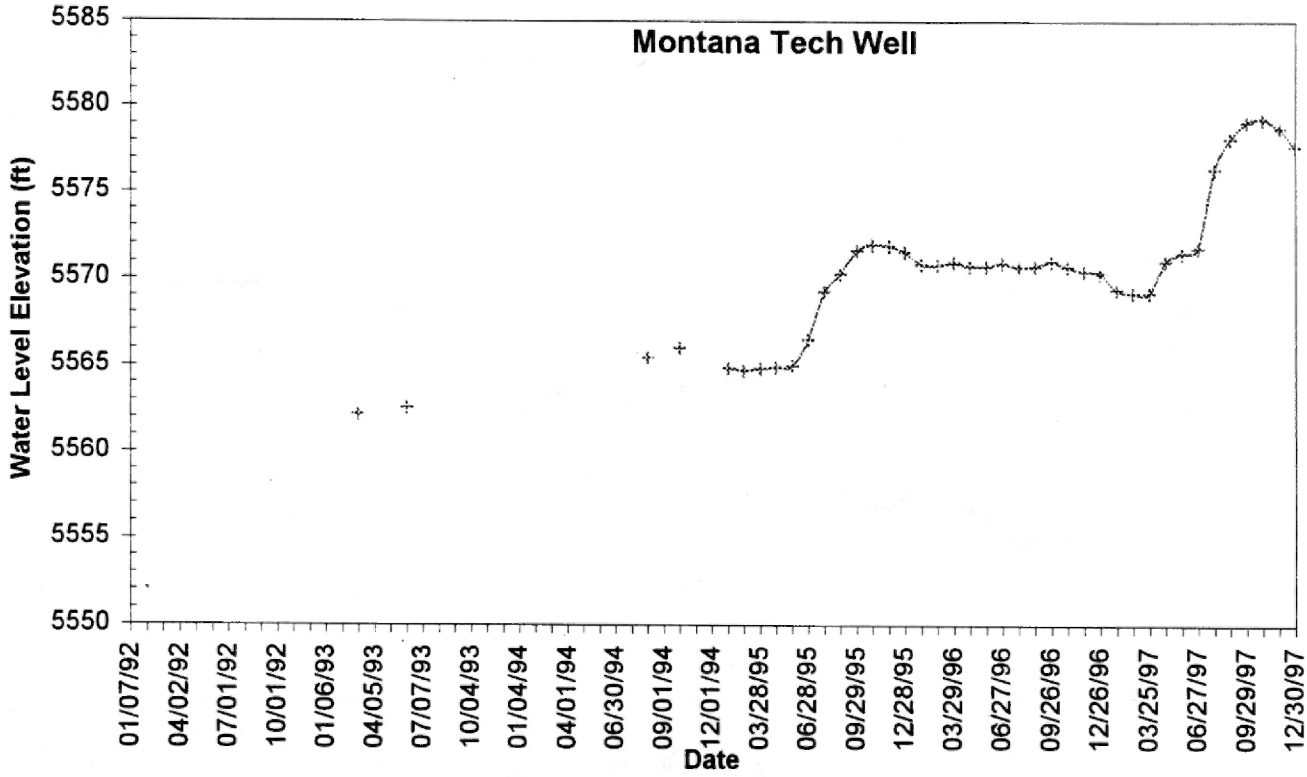
Appendix 16
Outer Camp Hydrographs

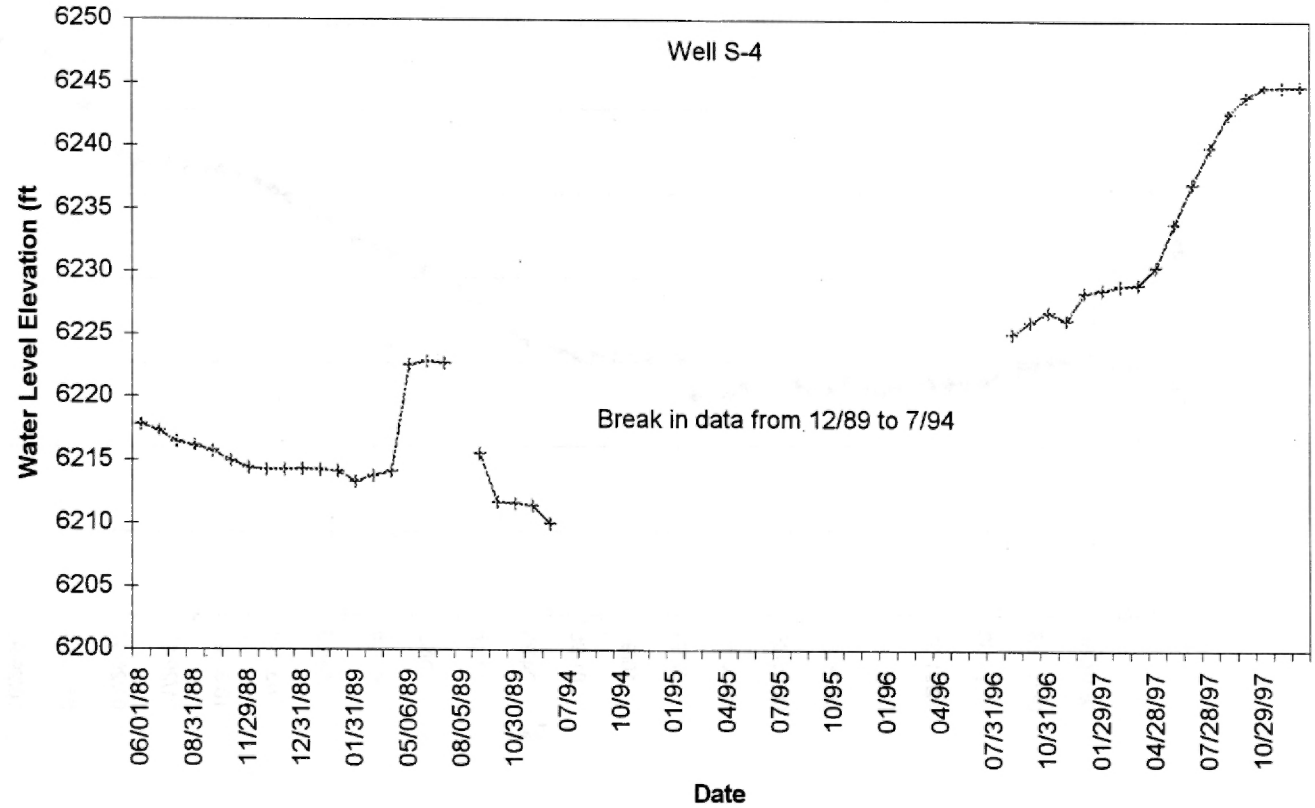
Appendix 16
Outer Camp Mines Hydrographs
Montana Bureau of Mines and Geology





Appendix 16
Outer Camp Mine Hydrographs
Montana Bureau of Mines and Geology





Appendix 17
MF Wells Monthly
Water Level Data

Appendix 17
MF Wells Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	MF-01 MP Elevation[1] 5442.10	MF-02 MP Elevation[1] 5453.39	MF-03 MP Elevation[1] 5445.84	MF-04 MP Elevation[1] 5458.82	MF-05 MP Elevation[1] 5466.33	MF-06 MP Elevation[1] 5465.11	MF-07 MP Elevation[1] 5457.41	MF-08 MP Elevation[1] 5447.79	MF-09 MP Elevation[1] 5455.89	MF-10 MP Elevation[1] 5450.67	MF-11 MP Elevation[1] 5457.56
07/13/83	5438.91	5439.74	5441.64	5444.54	5454.87	5454.31	5451.86	5443.85	5448.20	5444.61	5452.03
08/05/83	5438.68	5439.95	5441.44	5444.54				5444.61			
08/15/83	5438.79	5439.74	5441.51	5444.58	5454.93	5454.34	5451.32	5444.82	5448.27	5444.56	5453.34
10/03/83	5438.79	5439.85	5441.32	5444.51	5454.94	5454.61	5451.11	5444.54	5447.88	5444.34	5451.72
10/24/83	5438.71	5439.62	5441.12	5444.63	5454.86	5454.28	5451.01	5444.46	5447.70	5444.27	5451.61
11/12/83	5438.67	5439.61	5441.00	5444.34	5454.78	5454.22	5450.93	5444.38	5447.55	5444.20	5451.44
01/03/84	5438.52	5439.24	5440.68	5444.23	5454.42	5454.07	5451.07	5444.25	5447.21	5444.08	5451.07
02/18/84	5438.50	5439.44	5440.69	5444.26	5454.43	5454.07	5450.77	5444.21	5447.18	5444.04	5451.15
03/06/84	5438.57	5439.42		5444.54	5454.43	5453.92	5451.00	5444.43	5448.01	5444.25	5450.92
05/24/84	5438.79	5439.49		5445.63	5454.73	5454.09	5451.17	5444.54	5447.44	5444.28	5451.27
06/11/84	5438.92	5439.60	5441.20	5444.99	5454.62	5454.18	5451.39	5444.65	5447.48	5444.39	5451.77
09/25/84	5438.58	5439.54	5440.98	5444.63	5455.90	5453.12	5450.93	5445.08	5446.86	5444.68	5452.00
11/13/84	5439.69	5439.52	5440.97	5445.23	5454.53	5454.08	5451.30	5444.47	5447.27	5444.77	5451.21
01/10/85	5438.42	5439.39	5440.64	5444.90	5454.15	5453.96	5450.99	5444.20	5447.02	5444.31	5450.88
02/19/85		5439.39									
03/28/85		5438.93					5451.05				
05/03/85		5439.09									
06/13/85	5438.74		5441.42	5445.66	5454.46	5454.87		5444.65	5447.63	5443.73	5451.27
07/09/85	5438.56	5439.43	5441.00	5445.24	5454.34	5455.81	5450.10	5444.44	5447.44	5444.22	5451.47
08/22/85	5438.62		5440.94	5445.07	5454.24	5454.91		5444.35	5447.49	5444.17	5451.25
09/19/85	5438.71		5441.22	5444.40	5454.32	5454.87		5444.52	5447.41		5451.26
10/25/85	5438.65	5439.50	5441.16	5445.02	5454.20	5454.67	5450.13	5444.46	5447.17		5450.92
11/25/85							5451.05				
12/03/85			5440.91	5445.50	5454.18	5455.11		5444.30			5450.66
01/10/86	5438.33		5440.79	5445.21	5453.93	5454.61	5450.88	5444.21	5446.69		5450.30
02/21/86	5438.45	5439.46	5441.11	5445.22	5453.81	5454.64	5450.84	5444.21	5446.82		5450.13
03/21/86	5438.76	5439.48	5441.88	5445.75	5454.31	5454.68	5451.42	5445.04	5447.63		5450.52
04/28/86	5438.71	5439.35	5441.46	5445.46	5454.28	5454.65	5451.24	5444.50	5447.27		5450.46
06/02/86	5438.63	5439.51	5441.28	5445.47	5454.39	5454.66	5450.42	5444.40	5447.19		5450.58
07/18/86	5438.71	5439.56	5441.12	5445.26	5454.40	5454.81	5451.22	5444.32	5447.57		5450.98
08/25/86	5438.55	5439.48	5441.02	5445.01	5454.32	5454.76	5451.07	5444.29	5447.27		5451.03
09/23/86	5438.87	5439.55	5441.41	5445.24	5454.60	5454.91	5451.24	5444.53	5447.48		5451.03
10/24/86	5438.74	5439.59	5441.11	5445.28		5454.79	5451.25	5444.40	5447.24		5450.81
11/17/86		5439.59					5451.18				
12/01/86	5438.65	5439.60	5441.38	5445.31		5454.75	5451.21	5444.33	5447.07		5450.57
01/06/87	5438.50	5439.50	5440.88	5445.02		5455.56	5451.47	5444.23	5446.92		5450.41
02/06/87	5438.53	5439.41	5440.89	5444.68		5456.71	5451.32	5444.14	5447.00		5450.26
03/06/87	5438.67	5439.42	5440.91	5444.64		5455.46	5451.46	5444.25	5447.13		5449.83
04/07/87	5438.70	5439.48	5441.18	5444.73		5454.70	5451.05	5444.30	5447.59		5450.13
05/14/87	5438.54		5441.08	5444.86		5454.62		5444.19	5447.97		5450.00
06/16/87	5438.88		5441.49	5445.32		5454.87	5451.46	5444.59			5451.06
07/20/87	5439.04	5439.76	5441.61				5451.86				
08/18/87	5438.78	5439.74	5441.19	5444.52	5454.70		5451.32		5447.14		5451.21
09/18/87	5438.62	5439.72	5441.02	5444.44	5454.58	5453.86	5451.24	5444.34	5446.85	5444.10	5451.02
10/19/87	5438.61	5439.60	5441.05	5444.43	5454.53	5453.79	5451.15	5444.30	5446.66	5444.11	
11/20/87	5438.53	5439.55	5441.01		5454.50	5453.76	5451.20	5444.30		5444.06	
01/25/88	5438.53	5439.63	5440.89	5444.83	5454.43	5453.99	5451.20	5444.23	5446.94	5444.06	5450.69
02/29/88	5438.51	5439.50	5440.95	5444.87	5454.35	5453.78	5451.19	5444.27	5447.03	5444.12	5450.66
04/08/88	5438.43	5439.48	5441.23	5444.93	5454.70	5453.66	5451.21	5444.36	5446.93	5444.00	5450.61
04/28/88	5438.62	5439.64	5441.72	5445.31	5454.86	5453.91	5451.66	5444.74	5447.26	5444.31	5450.96
05/24/88	5438.49	5439.63	5441.40	5445.38	5454.82	5453.83	5451.39	5444.46	5447.21	5444.13	5451.04
06/09/88	5438.31	5439.59	5441.54	5445.03	5454.89	5453.90	5450.56	5444.54	5446.89	5444.18	5450.83

Appendix 17
MF Wells Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	MF-01 MP Elevation[1] 5442.10	MF-02 MP Elevation[1] 5453.39	MF-03 MP Elevation[1] 5445.84	MF-04 MP Elevation[1] 5458.82	MF-05 MP Elevation[1] 5466.33	MF-06 MP Elevation[1] 5465.11	MF-07 MP Elevation[1] 5457.41	MF-08 MP Elevation[1] 5447.79	MF-09 MP Elevation[1] 5455.89	MF-10 MP Elevation[1] 5450.67	MF-11 MP Elevation[1] 5457.56
7-88	5438.08	5439.66	5441.19	5444.93	5454.67	5453.82	5451.26	5444.33	5447.01	5444.08	5451.24
8-88	5438.07	5439.60	5440.85	5444.81	5454.64	5453.76	5451.11	5444.23	5446.83	5443.98	5451.18
9-88	5438.09	5439.54	5441.13	5444.83	5454.59		5451.18	5444.34	5446.74	5444.04	5451.11
10-88	5438.19	5439.50	5441.26	5444.84	5454.49		5451.21	5444.36	5446.90	5444.10	5450.98
11-88	5438.12	5439.59	5441.20	5444.99	5454.37	5453.63	5451.16	5444.35	5446.82	5444.07	5450.87
12-88	5437.99	5439.50	5441.09	5444.81	5454.32		5451.19	5444.25	5446.83	5444.07	5450.71
1-89	5437.85	5439.24	5441.16	5445.11	5454.12		5451.06	5444.34	5446.94	5444.00	
2-89				5444.87					5446.98		5450.48
3-89	5438.34	5439.69	5441.85	5445.27	5454.38	5453.91	5450.54	5444.64	5447.81	5444.48	5450.79
4-89	5438.45	5439.78	5441.35	5445.42	5454.44	5453.71	5450.45	5444.70	5446.23	5444.26	5450.83
5-89	5438.44	5439.82	5441.60	5445.34	5454.41	5453.76	5450.40	5444.50	5447.37	5444.27	5450.96
6-89	5438.46	5439.76	5441.39	5445.24	5454.53	5453.79	5450.38	5444.40	5447.24	5444.20	5451.18
7-89	5438.40	5439.87	5441.42	5445.08	5454.57	5453.83	5450.30	5444.46	5447.34	5444.23	5451.49
8-89	5438.47	5439.85	5441.33	5445.03	5455.13	5453.91	5450.41	5444.46	5447.47	5444.28	5451.47
9-89	5438.46	5439.81	5441.52	5445.11	5455.34	5454.02	5450.60	5444.58	5447.49	5444.33	5451.39
10-89	5438.36	5439.78	5441.49	5445.16	5455.37	5453.94	5450.47	5444.55	5447.33	5444.30	5451.20
11-89	5438.32	5439.72	5441.40	5445.18	5455.27	5453.91	5450.37	5444.42	5447.16	5444.22	5451.01
12-89	5438.33	5439.68	5441.29	5445.19	5455.18	5453.87	5450.29	5444.33	5447.04	5444.10	5450.84
01/29/90	5438.14	5439.67	5441.30	5445.11	5455.08	5453.83	5451.24	5444.27	5446.98	5444.07	5450.68
02/28/90	5438.19	5439.65	5440.99	5445.14	5455.06	5453.82	5451.25	5444.27	5446.93	5444.06	5450.65
03/29/90	5438.44	5439.66	5441.57	5445.08	5455.10	5453.78	5451.36	5444.40	5446.94	5444.13	5450.55
05/01/90	5438.51	5439.70	5441.54	5444.96	5455.33	5453.86	5451.52	5444.44	5446.92	5444.17	5450.65
06/01/90	5438.48	5439.81	5441.69	5444.86	5455.49	5453.98	5451.56	5444.58	5447.50	5444.30	5451.07
07/06/90	5438.41	5439.90	5441.45	5444.77	5455.29	5453.90	5451.38	5444.48	5447.48	5444.29	5451.13
07/31/90	5438.46	5439.96	5441.41	5445.07	5455.14	5453.88	5451.29	5444.54	5447.37	5444.32	5451.53
08/31/90	5438.61	5440.01	5441.75	5445.41	5455.18	5454.01	5451.59	5444.66	5447.70	5444.44	5451.76
09/30/90	5438.50	5439.89	5441.64	5445.33	5455.32	Abandone	5451.46	5444.54	5447.31	5444.29	5451.50
11/09/90	5438.44	5439.82	5441.45	5445.27	5455.27		5451.45	5444.51	5447.16	5444.25	5452.22
12/06/90	5438.42	5439.81	5441.55	5445.27	5455.28		5451.45	5444.47	5447.03	5444.25	5452.01
01/09/91	5438.29	5439.84	5441.36	5445.53	5455.11		5451.00	5444.59	5446.88	5444.55	5451.92
02/05/91	5438.25	5439.78	5441.39	5445.38	5454.93		5450.91	5444.57	5446.80	5444.52	5451.73
03/07/91	5438.16	5439.76	5441.49	5445.56	5454.92		5450.89	5444.55	5446.81	5444.47	5450.57
04/04/91	5438.47	5439.81	5441.64	5445.62	5455.09		5451.09	5444.69	5446.93	5444.67	5450.62
05/06/91	5438.43	5439.77	5441.67	5445.79	5455.19		5451.04	5444.64	5446.89	5444.45	5450.59
06/06/91	5438.73	5439.89	5442.02	5446.05	5455.78		5451.45	5445.00	5447.47	5444.88	5451.04
07/11/91	5438.66	5439.96	5441.57	5446.17	5455.77		5451.18	5444.82	5447.60	5444.75	5451.29
08/05/91	5438.55	5440.00	5441.59	5445.86	5455.88		5451.23	5444.83	5447.44	5445.14	5451.25
09/05/91	5438.50	5440.01	5441.65	5445.82	5455.78		5451.26	5445.01	5447.74	5445.82	5451.69
10/10/91	5438.39	5439.90	5441.67	5445.92	5455.52		5451.22	5445.13	5447.75	5445.95	5451.59
11/08/91	5438.48	5439.84	5441.72	5445.99	5455.49		5451.22	5444.94	5447.67	5446.04	5451.32
12/12/91	5438.58	5439.94	5441.74	5446.06	5455.25		5451.32	5444.99	5447.87	5446.40	5451.17
01/07/92	5438.40	5439.75	5441.54	5445.79	5454.89		5450.99	5444.72	5447.56	5446.23	5450.88
02/07/92	5438.40	5439.79	5441.60	5445.77	5454.83		5451.05	5444.65	5447.55	5446.27	5450.73
03/06/92	5438.56	5439.79	5441.89	5445.93	5454.73		5451.26	5444.99	5447.93	5446.44	5450.79
04/03/92	5438.58	5439.86	5441.87	5446.16	5454.88		5451.21	5444.98	5447.72	5446.42	5450.76
05/04/92	5438.38	5439.79	5441.68	5445.93	5454.72		5451.01	5444.63	5447.58	5446.46	5450.36
06/01/92	5438.39	5439.80	5441.60	5445.85	5454.71		5450.95	5444.68	5447.67	5446.63	5450.74
07/02/92	5438.90	5440.04	5442.14	5446.02	5455.18		5450.99	5445.02	5448.48	5445.28	5451.58
08/07/92	5438.53	5440.09	5441.47	5445.70	5455.03		5450.46	5444.59	5447.74	5444.57	5451.35
08/31/92	5438.45	5440.04	5441.59	5445.52	5455.08		5450.61	5444.66	5447.54	5444.39	5451.69
09/30/92	5438.45	5439.93	5441.60	5445.47	5454.98		5450.61	5444.63	5446.86	5444.37	5451.40
10/30/92	5438.62	5439.91	5440.88	5445.70	5455.00		5450.73	5444.70	5447.35	5444.54	5451.36
12/01/92	5438.41	5439.91	5441.79	5445.67	5454.95		5450.65	5444.60	5447.43	5444.55	5451.18
12/28/92	5438.40	5439.88	5441.62	5445.38	5454.78		5450.63	5444.49	5447.22	5444.46	5450.86

Appendix 17
MF Wells Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	MF-01 MP Elevation[1] 5442.10	MF-02 MP Elevation[1] 5453.39	MF-03 MP Elevation[1] 5445.84	MF-04 MP Elevation[1] 5458.82	MF-05 MP Elevation[1] 5466.33	MF-06 MP Elevation[1] 5465.11	MF-07 MP Elevation[1] 5457.41	MF-08 MP Elevation[1] 5447.79	MF-09 MP Elevation[1] 5455.89	MF-10 MP Elevation[1] 5450.67	MF-11 MP Elevation[1] 5457.56
01/29/93	5438.28	5439.80	5441.52	5445.25	5454.55		5450.52	5443.35	5447.01	5444.36	5450.68
03/04/93	5438.23	5439.77	5441.41	5445.16	5454.45		5450.36	5444.29	5446.94	5444.27	5450.50
04/05/93	5438.79	5439.93	5442.01	5445.88	5454.18		5450.76	5444.81	5447.63	5444.62	5450.86
05/03/93	5438.65	5439.95	5442.03	5446.06	5454.93		5450.80	5444.70	5447.51	5444.63	5450.97
06/02/93	5438.63	5440.01	5441.94	5445.97	5455.03		5450.83	5444.74	5447.58	5444.63	5451.01
07/07/93	5438.93	5440.13	5442.28	5446.45	5455.48		5451.11	5444.94	5448.48	5444.81	5451.78
08/04/93	5438.92	5440.19	5442.09	5446.42	5455.41		5450.91	5444.96	5448.23	5444.83	5451.64
09/02/93	5439.19	5440.26	5442.43	5446.81	5455.67		5451.39	5445.35	5449.00	5445.17	5452.15
10/04/93	5438.90	5440.12	5441.98	5446.43	5455.51		5450.86	5444.87	5448.09	5444.67	5451.76
11/03/93	5438.86	5440.00	5441.96	5446.37	5455.52		5450.89	5444.89	5448.04	5444.75	5451.60
11/30/93	5438.53	5439.94	5441.75	5446.15	5455.38		5450.76	5444.69	5447.60	5444.53	5451.38
01/04/94	5438.66	5439.95	5441.75	5446.00	5455.33		5450.86	5444.64	5447.39	5444.47	5451.28
02/03/94	5438.58	5439.87	5441.62	5445.82	5455.13		5450.76	5444.49	5447.17	5444.37	5451.06
03/03/94	5438.44	5439.84	5441.71	5445.76	5455.03		5450.75	5444.51	5447.16	5444.35	5450.96
04/06/94	5438.52	5439.89	5441.75	5445.85	5455.11		5450.82	5444.63	5447.27	5444.40	5451.19
05/03/94	5438.60	5439.91	5442.07	5446.14	5455.23		5450.96	5444.74	5447.29	5444.47	5451.10
06/02/94	5438.60	5440.00	5442.14	5446.32	5455.41		5451.06	5444.92	5447.59	5444.57	5451.11
07/01/94	5438.50	5440.01	5441.83	5446.13	5455.36		5450.79	5444.69	5447.53	5444.40	5451.28
07/28/94	5438.58	5440.11	5441.86	5446.16	5455.73		5451.03	5444.93	5447.81	5444.62	5451.87
08/30/94	5438.40	5440.01	5441.70	5445.82	5455.53		5450.92	5444.76	5447.68	5444.47	5451.78
09/27/94	5438.40	5439.93	5441.69	5445.75	5455.50		5450.96	5444.75	5447.51	5444.57	5451.71
10/31/94	5438.45	5439.96	5442.01	5446.04	5455.63		5451.27	5444.88	5447.51	5444.67	5451.69
12/12/94	5438.47	5439.92	5441.96	5446.04	5455.53		5451.07	5444.76	5447.38	5444.53	5451.41
01/03/95	5438.45	5439.89	5441.73	5445.88	5455.37		5451.13	5444.68	5447.29	5444.57	5451.25
01/30/95	5438.35	5439.86	5441.63	5445.75	5455.23		5450.84	5444.51	5447.19	5444.43	5451.09
02/27/95	5438.76	5440.04	5442.10	5446.21	5455.55		5451.28	5444.99	5447.93	5444.77	5451.29
03/29/95	5438.74	5439.99	5442.12	5446.46	5455.66		5451.19	5444.97	5447.84	5444.67	5451.41
04/28/95	5438.70	5439.99	5442.24	5446.62	5455.81		5451.26	5445.04	5447.79	5445.77	5451.51
05/26/95	5438.81	5440.14	5442.16	5446.28	5455.53		5451.27	5445.05	5447.59	5444.89	5451.33
06/27/95	5439.03	5440.32	5442.41	5446.75	5455.74		5451.47	5445.38	5448.32	5445.09	5451.83
07/28/95	5438.41	5440.28	5442.51	5446.91	5455.93		5451.51	5445.26	5448.74	5445.08	5451.46
08/31/95	5438.53		5441.98	5446.52	5453.05		5451.35	5444.95	5447.79	5444.79	5451.77
09/29/95	5438.76	5440.19	5442.44	5446.93	5456.38		5451.72	5445.29	5448.45	5445.07	5452.06
11/01/95	5438.54	5440.01	5440.94	5446.52	5456.13		5451.55	5444.99	5447.59	5444.70	5451.63
12/05/95	5438.62	5439.99	5441.28	5446.57	5456.28		5451.71	5445.15	5447.66	5444.86	5451.61
12/29/95	5438.37	5439.91	5440.97	5446.36	5456.19		5451.53	5444.81	5446.60	5444.65	5451.44
02/07/96	5438.30	5439.84	5440.93	5446.07	5456.15		5451.60	5444.71	5447.11	5444.60	5451.31
03/01/96	5438.44	5439.94	5441.14	5446.29	5456.21		5451.67	5444.90	5447.48	5444.72	5451.41
04/01/96	5438.64	5440.06	5441.41	5446.54	5456.43		5451.81	5445.15	5447.98	5444.03	5451.54
05/01/96	5439.06	5440.12	5441.79	5447.25	5456.75		5451.98	5445.53	5448.39	5445.38	5451.84
05/31/96	5439.11	5440.23	5441.93	5447.30	5456.77		5452.08	5445.64	5448.86	5445.41	5451.98
06/25/96	5438.81	5440.14	5441.57	5446.96	5456.69		5451.89	5445.41	5448.40	5445.14	5452.05
08/01/96	5438.68	5440.07	5441.38	5446.54	5456.55		5451.73		5448.09	5445.16	5452.22
09/09/96	5438.57	5440.01	5441.12	5446.37	5456.63		5451.73	5445.67	5447.83	5445.04	5452.20
09/27/96	5438.68	5440.01	5441.45	5446.35	5456.44		5451.76	5445.20	5448.04	5445.04	5452.09
11/01/96	5438.58	5439.97	5441.43	5446.32	5456.36		5451.67	5445.16	5447.41	5444.89	5451.85
12/09/96	5438.53	5440.06	5442.09	5446.35	5456.46		5451.75	5444.00		5444.87	5450.74
01/02/97	5438.54	5440.13	5442.37		5456.74			5443.98	5447.75	5445.17	5452.04
02/10/97	5438.63	5440.06	5442.29	5446.44	5456.45			5445.11	5447.85	5445.16	5451.75
02/27/97	5438.73	5440.06	5442.25	5446.42	5456.46			5444.98	5447.87	5445.37	5451.69
03/28/97	5438.85	5440.22	5442.10	5447.28	5456.93			5445.44	5448.78	5445.62	5452.06
04/29/97	5439.02	Abandone	5441.94	5447.23	5456.08			5445.35	5448.41	5445.63	5452.06
05/29/97	5439.11		5442.15	5447.36	5457.03			5445.54	5449.33	5445.97	5452.36
07/01/97	5439.20		5442.34	5447.86	5457.17			5445.75		5446.19	5452.68

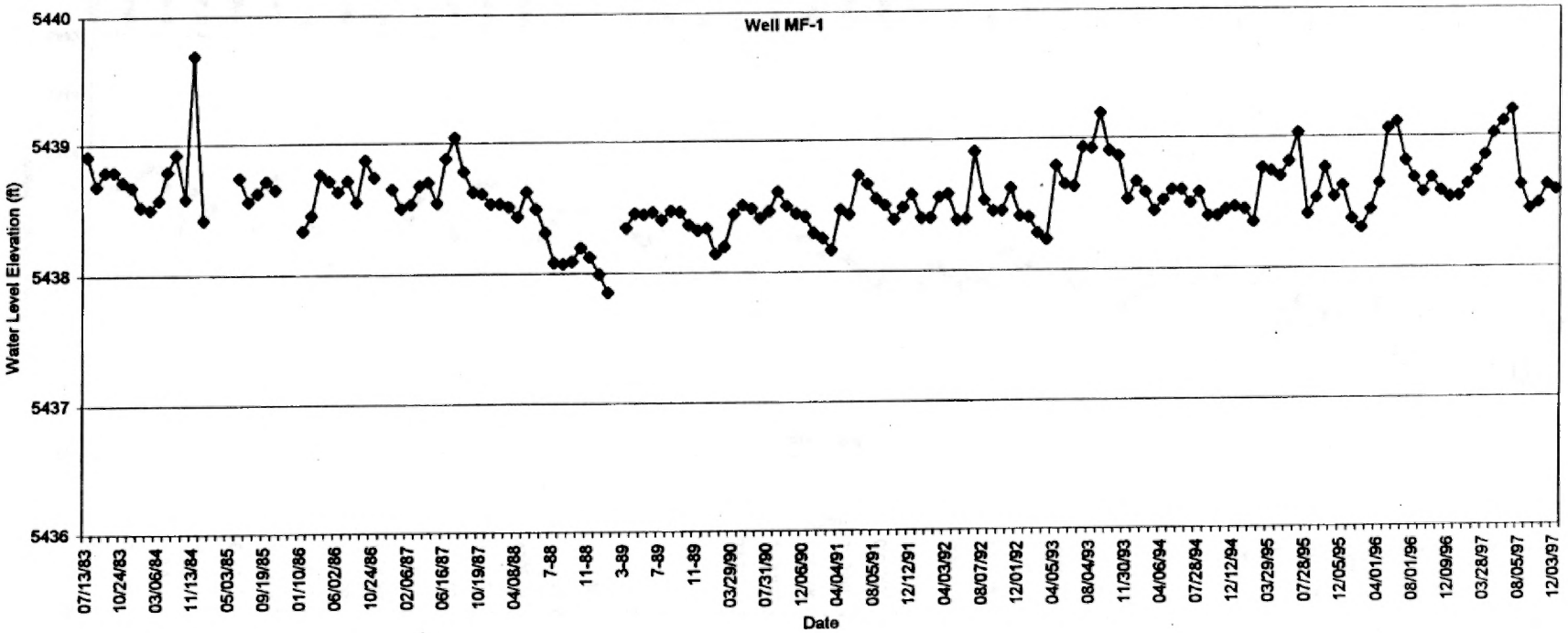
Appendix 17
MF Wells Monthly Water Level Data
Montana Bureau of Mines and Geology

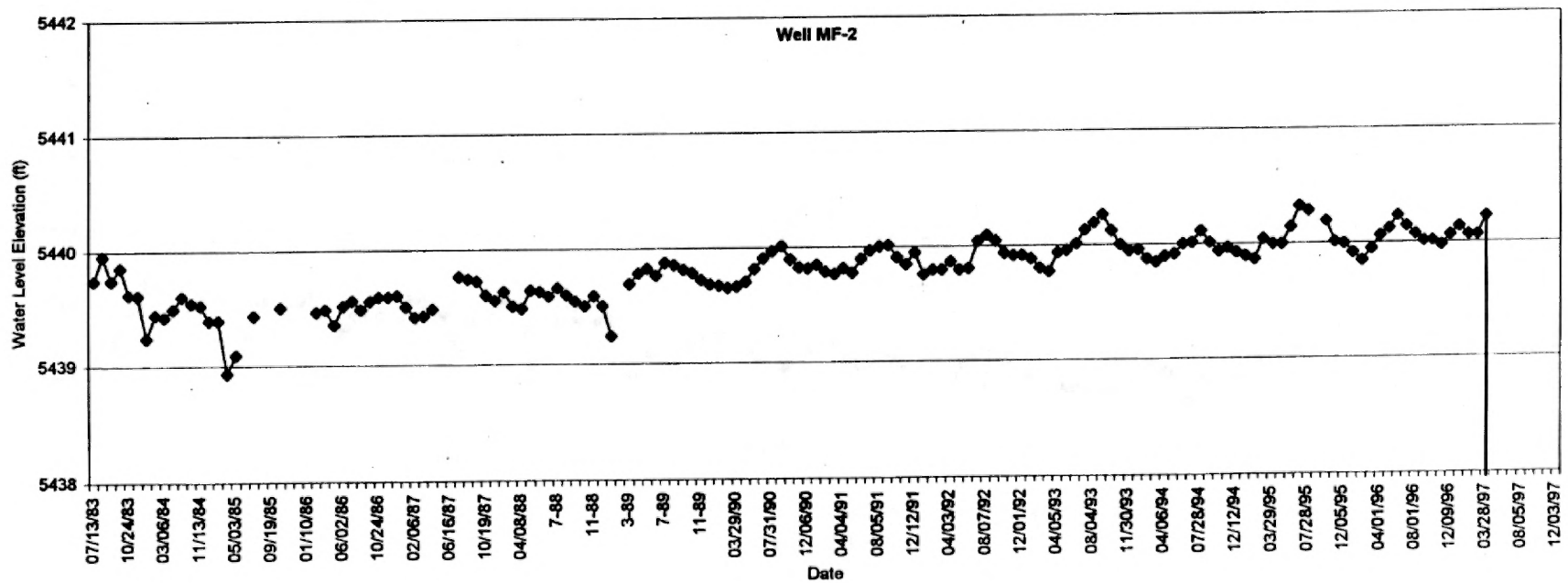
DATE	MF-01 MP Elevation[1] 5442.10	MF-02 MP Elevation[1] 5453.39	MF-03 MP Elevation[1] 5445.84	MF-04 MP Elevation[1] 5458.82	MF-05 MP Elevation[1] 5466.33	MF-06 MP Elevation[1] 5465.11	MF-07 MP Elevation[1] 5457.41	MF-08 MP Elevation[1] 5447.79	MF-09 MP Elevation[1] 5455.89	MF-10 MP Elevation[1] 5450.67	MF-11 MP Elevation[1] 5457.56
08/05/97	5438.62		5441.68	5447.30	5457.05			5445.36		5445.55	5452.52
09/07/97	5438.44		5441.34	5446.78	5456.95			5445.13		5445.29	5452.28
10/03/97	5438.48		5441.30	5446.70	5456.99			5445.13		5445.32	5452.27
11/11/97	5438.62		5441.42	5446.72	5456.95			5445.15		5445.29	5452.11
12/03/97	5438.58		5441.20	5446.55	5456.81			5444.90		5445.17	5451.91

(1) MP Elevation - Elevation of measuring point, usually top of casing, USGS datum.

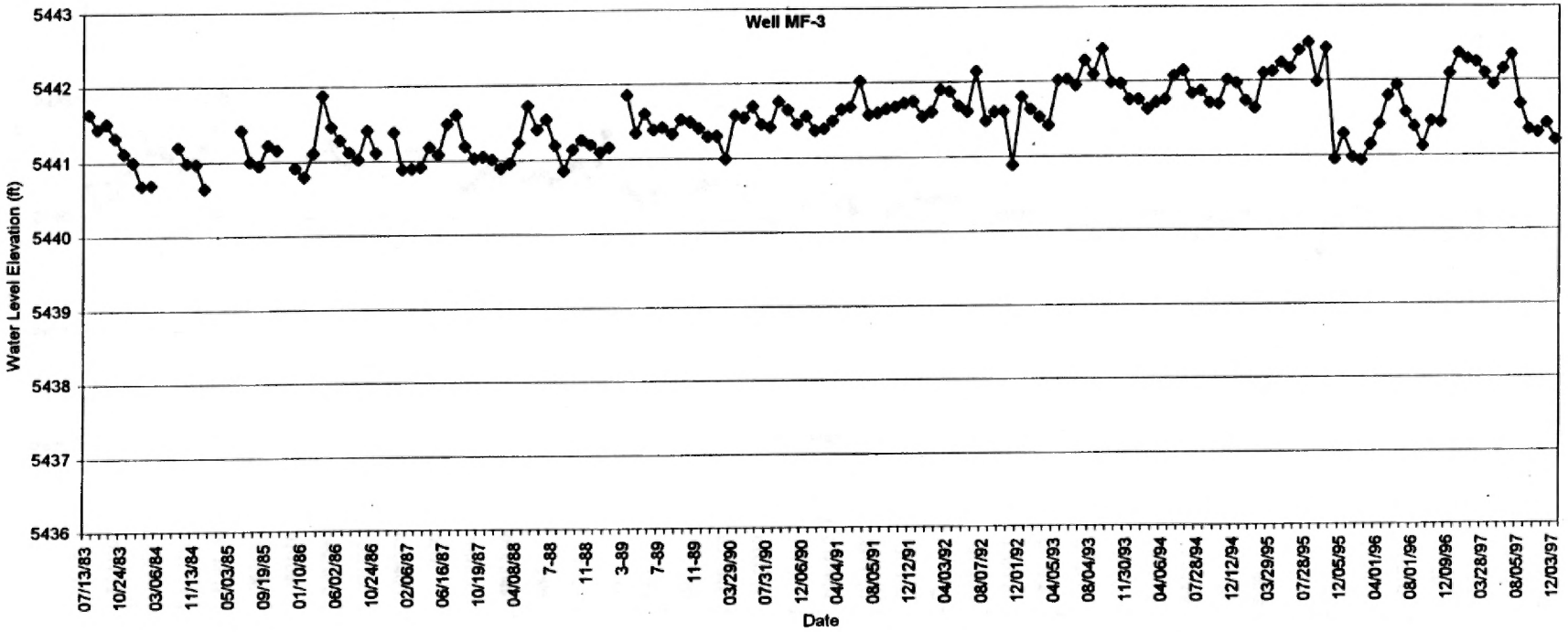
Appendix 18
MF Well Hydrographs

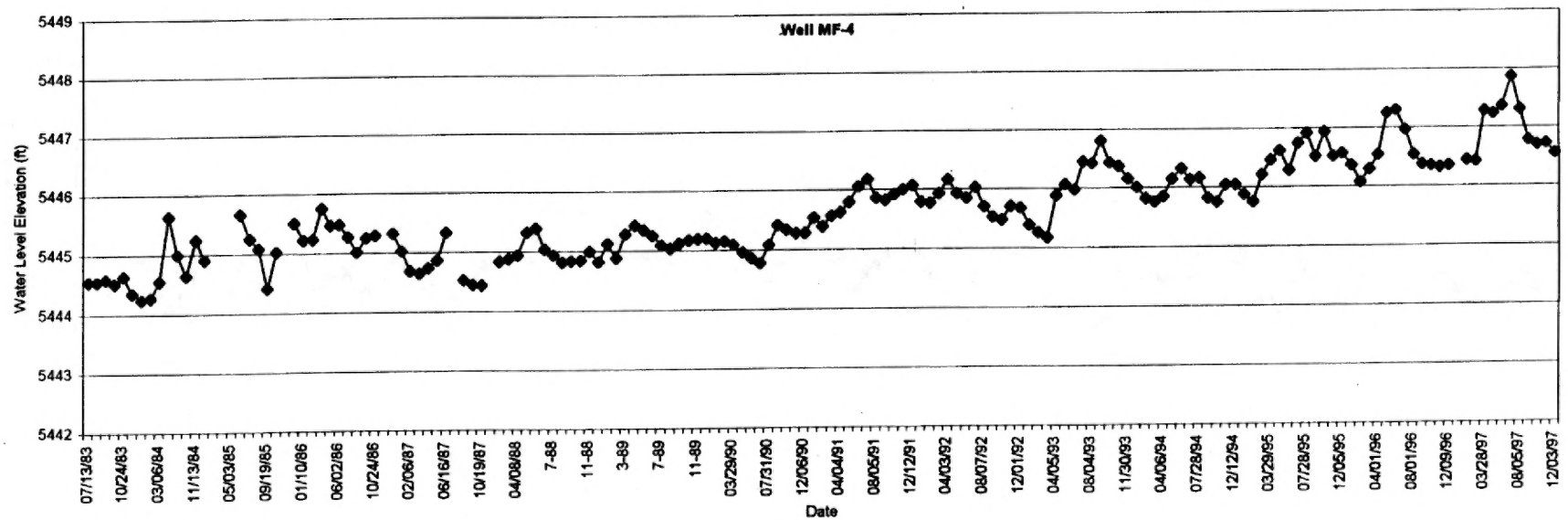
Appendix 18
MF Well Hydrographs
Montana Bureau of Mines and Geology



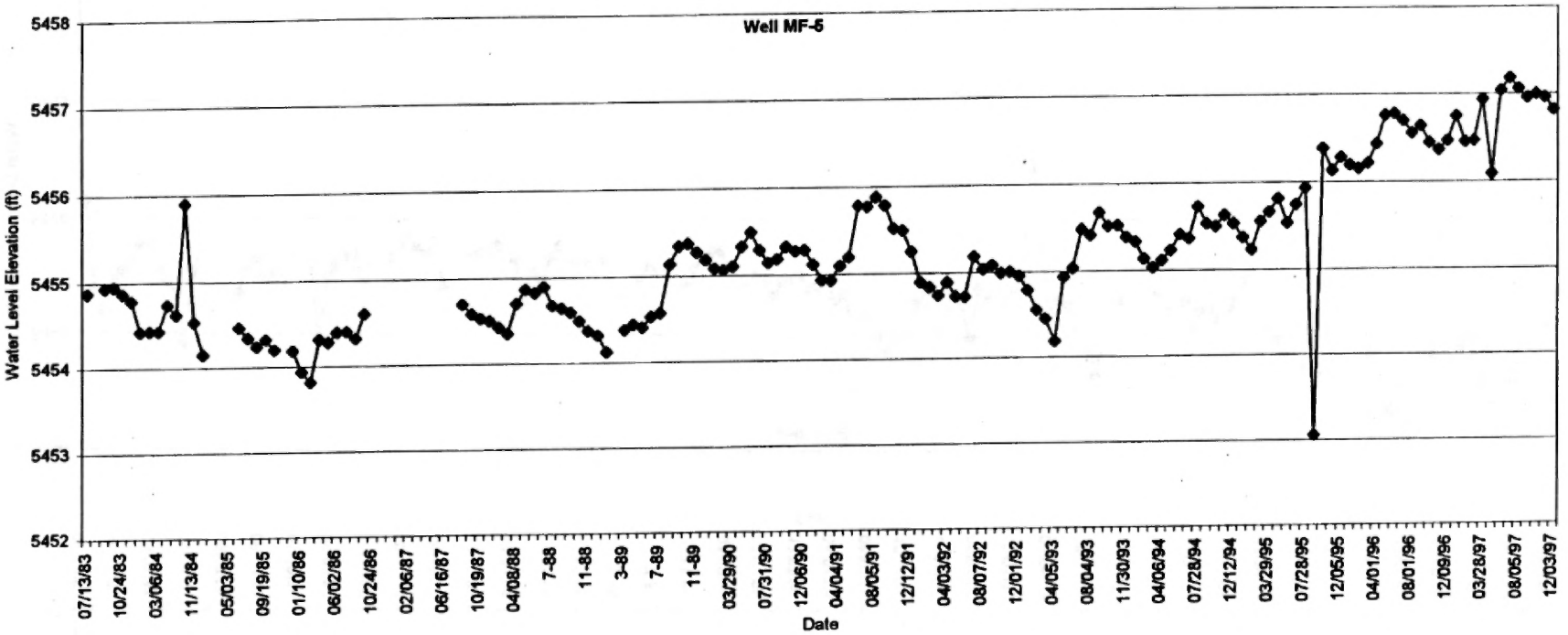


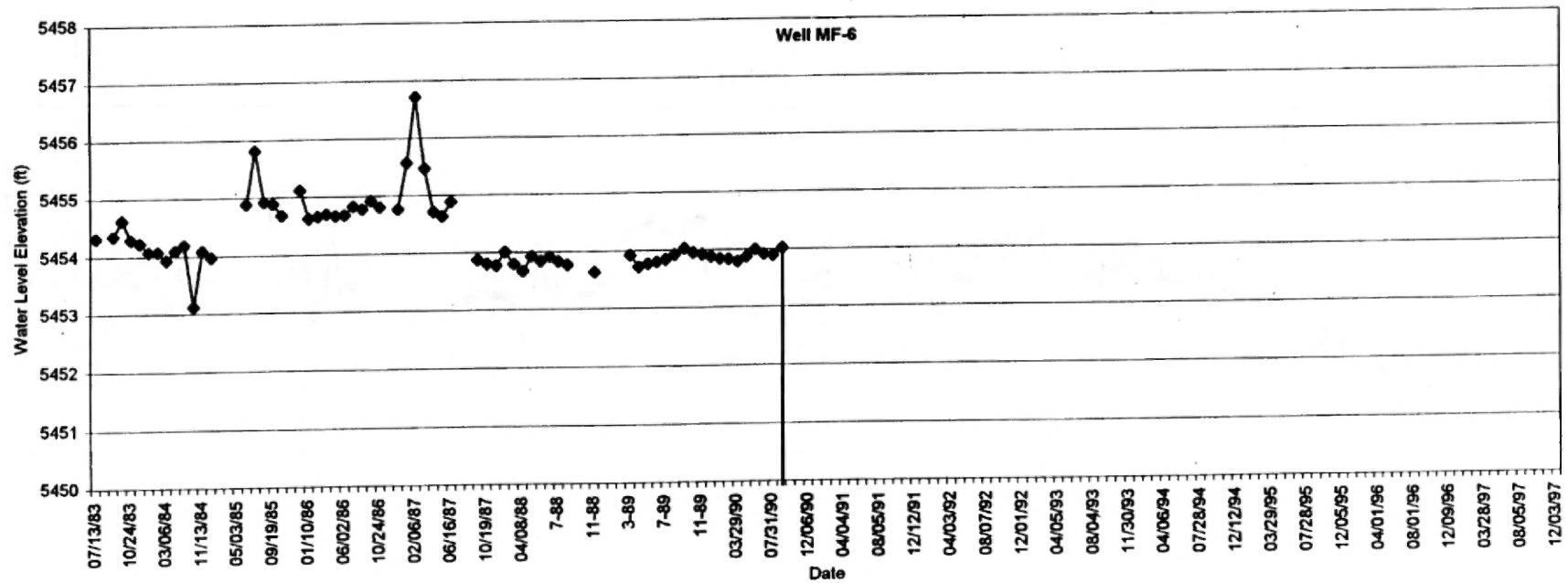
Appendix 18
MF Wells Hydrographs
Montana Bureau of Mines and Geology



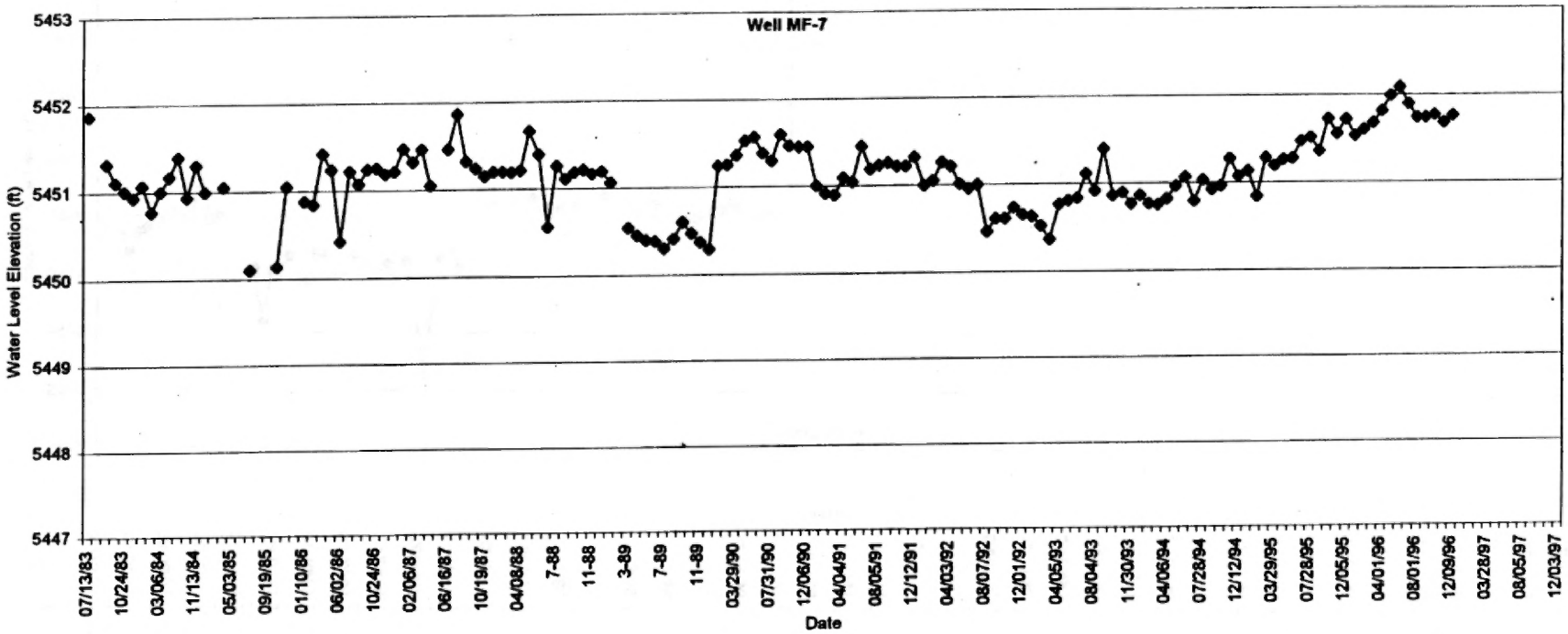


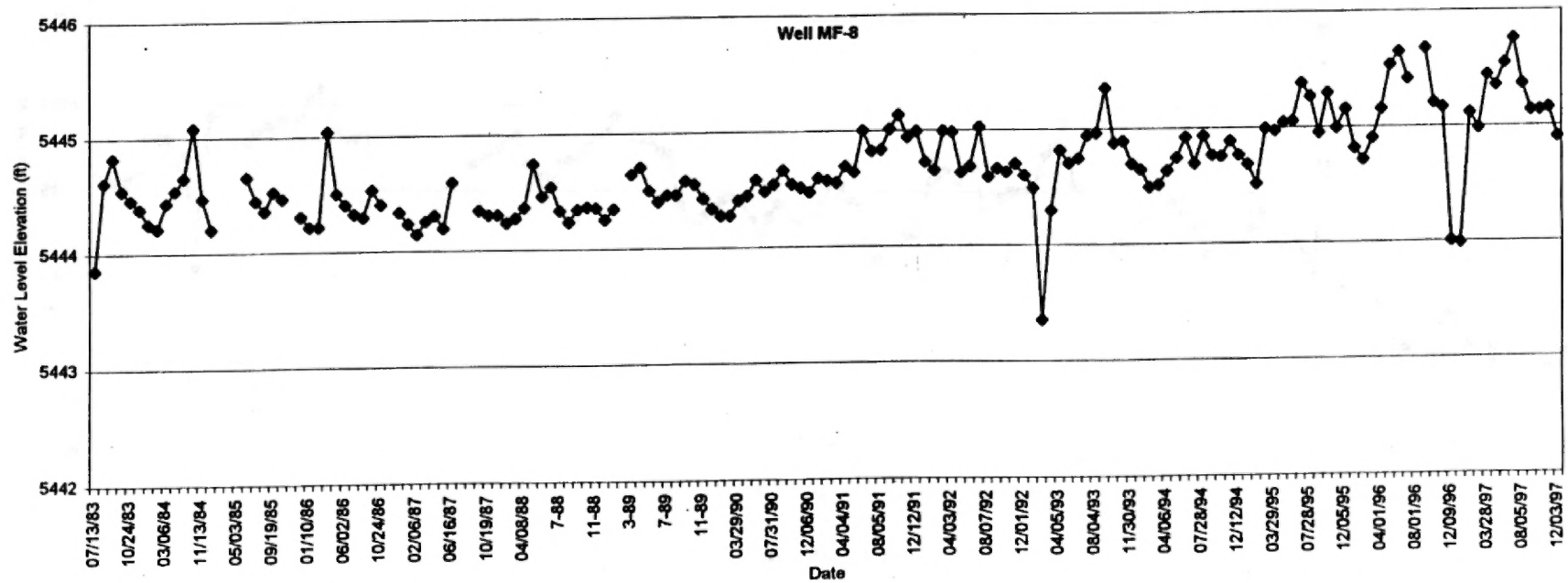
Appendix 18
MF Well Hydrographs
Montana Bureau of Mines and Geology



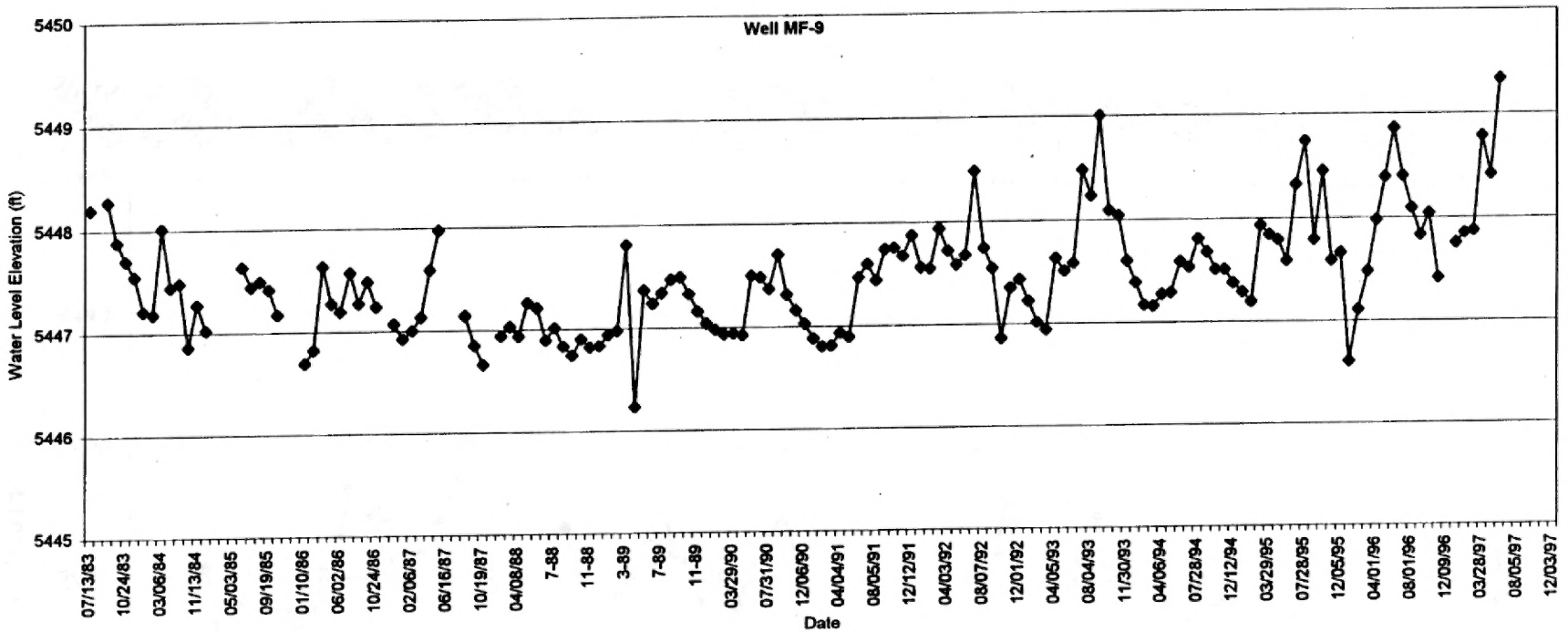


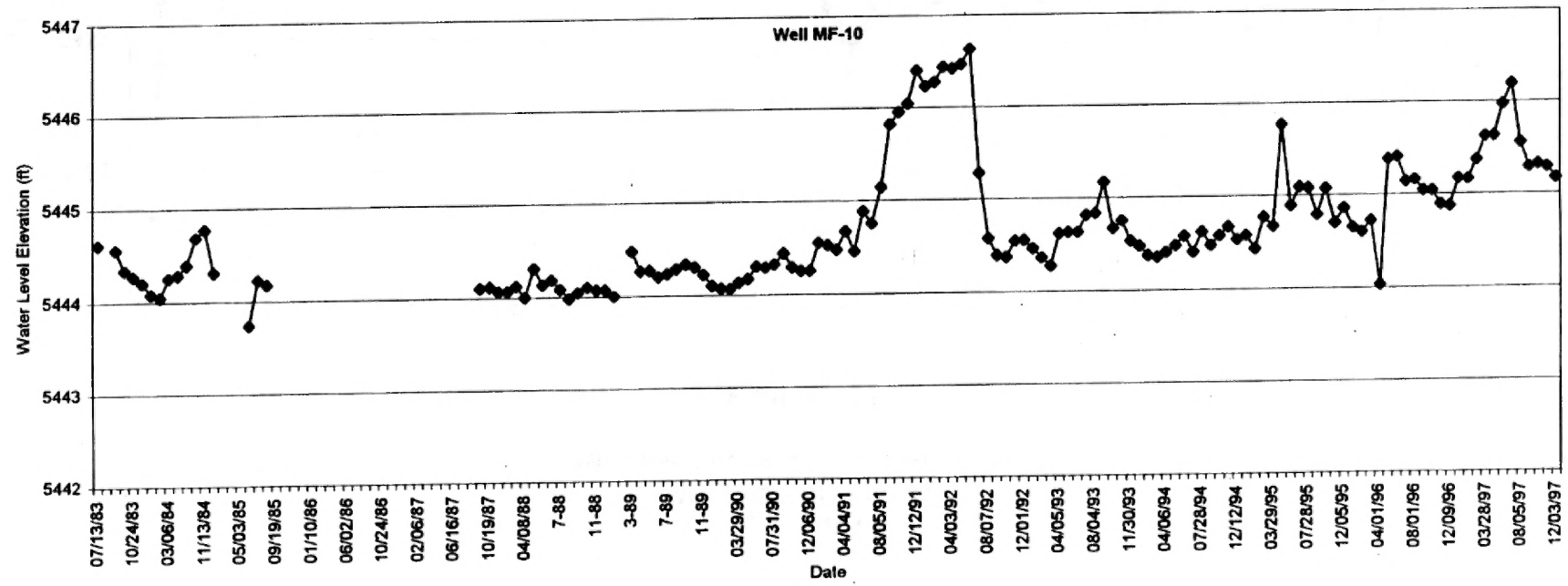
Appendix 18
MF Well Hydrographs
Montana Bureau of Mines and Geology





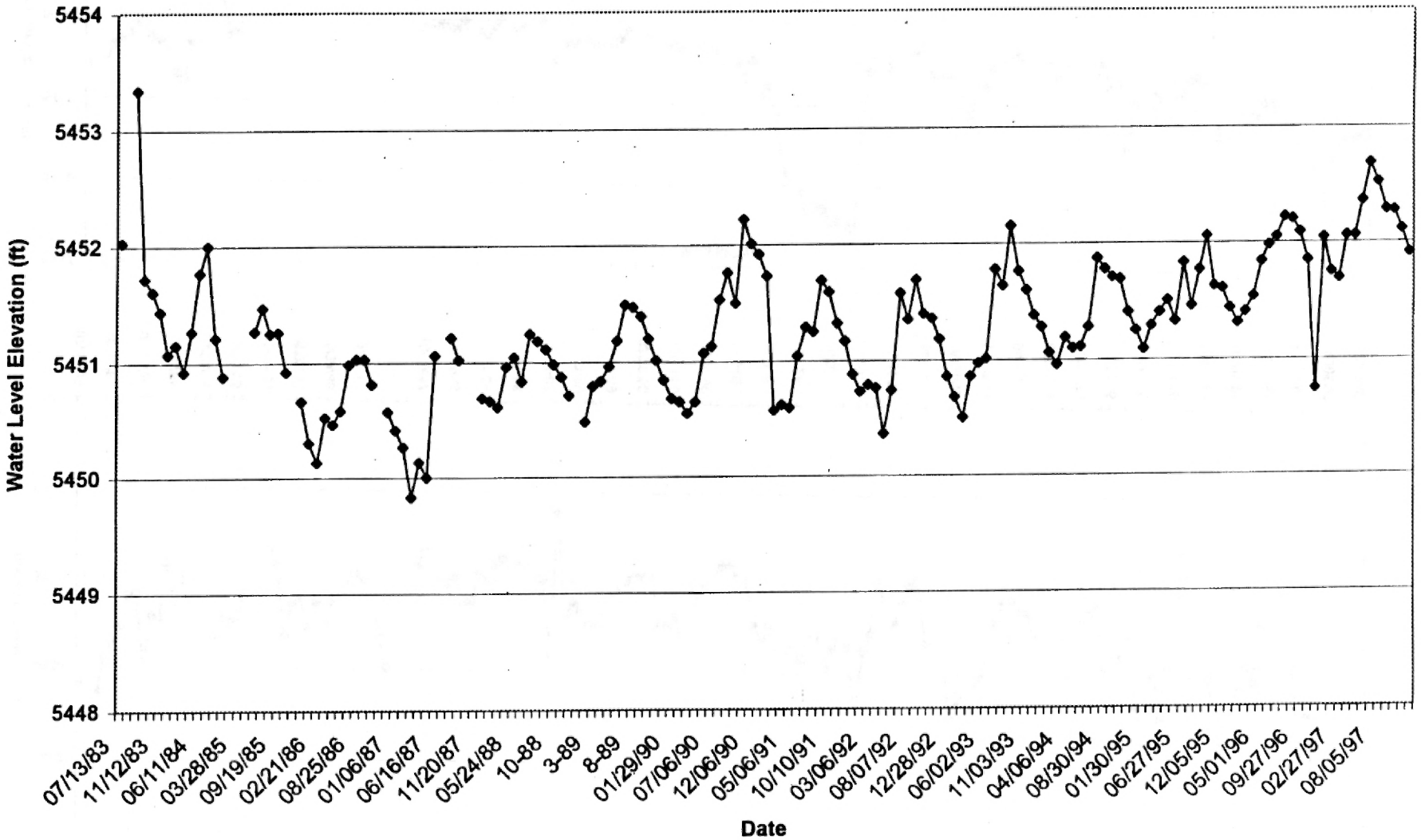
Appendix 18
MF Well Hydrographs
Montana Bureau of Mines and Geology





Appendix 18
MF Well Hydrographs
Montana Bureau of Mines and Geology

Well MF-11



Appendix 19
Parrott Park and Hebgen Park
Monthly Water Level Data

Appendix 19
Parrott Park and Hebgen Park
Monthly Water Level Data
Montana Bureau of Mines and Geology

DATE	Parrott Park (MP Elevation [1] 5520.66)	Hebgen Park (MP Elevation [1] 5516.15)	DATE	Parrott Park (MP Elevation [1] 5520.66)	Hebgen Park (MP Elevation [1] 5516.15)	DATE	Parrott Park (MP Elevation [1] 5520.66)	Hebgen Par (MP Elevation [1] 5516.15)
08/30/88	5395.35	5485.48	05/05/92	5394.69	5483.39	12/27/95	5403.82	0.00
09/28/88	5396.25	5486.46	06/01/92	5394.38	5482.82	01/30/96	5402.34	0.00
10/24/88	5398.41	5486.85	07/01/92	5394.70		02/28/96	5401.64	0.00
11/15/88	5397.39	5486.20	08/01/92	5395.31		03/27/96	5400.96	0.00
12/29/88	5396.78	5487.02	09/01/92	5398.16		05/01/96	5400.26	0.00
01/31/89	5396.21	5486.65	10/01/92	5399.44		05/29/96	5399.98	0.00
02/26/89	5395.28	5485.11	11/01/92	5398.78		06/26/96	5400.18	0.00
04/03/89	5394.76	5484.47	12/01/92	5397.63		07/31/96	5400.35	0.00
05/01/89	5394.62	5484.13	06-Jan-93	5396.96	5484.63	08/28/96	5401.28	0.00
06/02/89	5394.33	5483.66	03-Feb-93	5396.24	5483.71	09/25/96	5403.65	5492.59
06/28/89	5394.50	5483.59	04-Mar-93	5395.65	5482.80	10/30/96	5404.73	5492.70
08/01/89	5396.75	5484.22	05-Apr-93	5395.21	5482.38	11/27/96	5403.58	5492.47
08/31/89	5398.68	5484.83	03-May-93	5394.84	5482.27	12/31/96	5402.32	5493.40
09/25/89	5400.12	5485.30	02-Jun-93	5394.47	5481.51	01/29/97	5401.62	5492.15
10/30/89	5399.52	5485.33	07-Jan-93	5394.16	5483.10	02/26/97	5401.16	5492.16
11/28/89	5398.12	5484.97	04-Aug-93	5394.19	5484.25	03/26/97	5400.48	5491.93
12/27/89	5397.20	5484.84	02-Sep-93	5395.51	5486.05	04/30/97	5400.30	5492.56
01/29/90	5395.96	5484.24	04-Oct-93	5397.42	5489.11	05/28/97	5400.13	5488.73
02/28/90	5396.47	5484.32	03-Nov-93	5397.40	5490.50	06/25/97	5400.22	5491.31
03/29/90	5395.66	5482.71	30-Nov-93	5398.59	5490.97	07/30/97	5401.88	5493.01
05/01/90	5395.02	5482.25	04-Jan-94	5398.35	5490.90	08/27/97	5403.88	5492.57
06/01/90	5394.55	5481.86	03-Feb-94	5397.28	5489.83	10/01/97	5409.82	5497.55
07/06/90	5394.36	5481.99	03-Mar-94	5396.61	5489.05	10/29/97	5409.78	5498.59
07/31/90	5395.38	5482.00	06-Apr-94	5395.90	5488.10	11/26/97	5407.94	5498.35
08/31/90	5397.37	5482.97	03-May-94	5395.25	5487.15	12/31/97	5407.07	5497.62
09/30/90	5398.24	5482.84	02-Jun-94	5394.78	5487.28			
11/09/90	5400.20	5482.70	01-Jul-94	5394.43				
12/06/90	5401.79	5482.38	28-Jul-94	5394.29				
01/02/91	5402.43	5482.94	30-Aug-94	5396.55				
02/01/91	5402.30	5487.08	27-Sep-94	5401.61	5489.95			
03/04/91	5402.38	5486.01	31-Oct-94	5401.51	5490.55			
04/04/91	5402.85	5484.13	12-Dec-94	5400.91	5490.93			
05/01/91	5402.28	5483.14	01/04/95	5401.15	5490.65			
06/06/91	5400.08	5482.75	01/31/95	5412.49				
07/08/91	5396.36	5483.82	02/27/95	5419.98				
08/06/91	5395.02	5484.48	03/29/95	5426.01				
09/05/91	5395.28	5485.07	04/26/95	5431.31				
10/04/91	5397.62	5486.26	05/31/95	5430.84				
11/08/91	5397.56	5486.52	06/28/95	5427.42				
12/09/91	5397.01	5486.43	07/31/95	5425.00				
01/08/92	5396.33	5486.03	08/30/95	5410.92				
02/05/92	5395.96	5485.65	09/27/95	5408.78				
03/04/92	5395.51	5485.02	11/01/95	5406.67				
04/01/92	5395.06	5484.38	11/29/95	5405.15				

(1) MP Elevation - Elevation of measuring point, usually top of casing, USGS datum.

Appendix 20
Hebgen Park and Parrott Park Hydrographs

Appendix 20
Butte Park Wells Hydrographs
Montana Bureau of Mines and Geology

