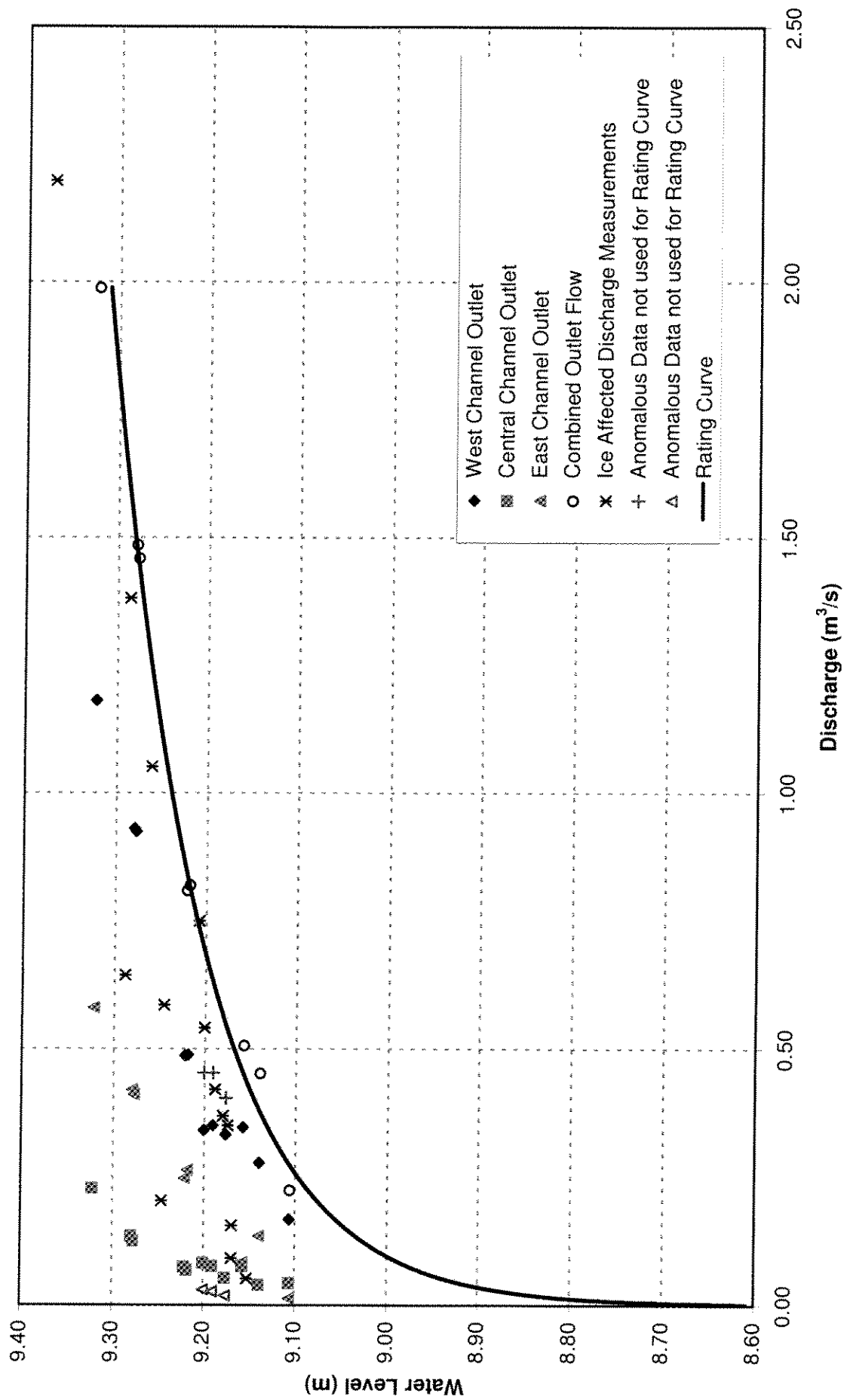


APPENDIX C.2

Third Portage Lake Outlet

Third Portage Lake Outlet Open Water Rating Curve



Site Inspection Summary
Outlet of Third Portage Lake (3PL)
Zero Flow Elevation: 8.672

Date (dd-mm-yy)	Discharge				Direct Water Level (DWL) (m)	Depth Above Zero Flow (m)	Data Logger (DL) (m)	Time (MST) (hh:mm)	Difference (DWL-DL) (m)
	West (m ³ /s)	Central (m ³ /s)	East (m ³ /s)	Total (m ³ /s)					
20-Jun-02	0.087 B	0.000 B	0.116	0.203 B	9.246	0.574	N.D.L.R.		
21-Jun-02					9.263	0.591	N.D.L.R.		
22-Jun-02					9.277	0.605	N.D.L.R.		
23-Jun-02	0.523	0.000 B	0.121	0.644 B	9.288	0.616	N.D.L.R.		
24-Jun-02					9.323	0.651	N.D.L.R.		
25-Jun-02					9.363	0.691	9.362	9:00	0.001
27-Jun-02	1.572	0.000 B	0.626	2.198 B	9.371	0.699	9.371	10:45	0.000
27-Jul-02	1.181	0.228	0.580	1.989	9.322	0.650	9.324	16:45	-0.002
28-Jul-02					9.318	0.646	9.319	10:45	-0.001
20-Sep-02	0.347	0.076	0.084	0.506	9.157	0.485	9.168	13:15	-0.011
08-May-03	0.000 B	0.000 B	0.000 B	0.000 B	8.790	0.118	N.D.L.R.		
04-Jun-03		0.052 B		0.052 B	9.152	0.480	N.D.L.R.		
07-Jun-03		0.092 B		0.092 B	9.169	0.497	N.D.L.R.		
09-Jun-03	0.040 B	0.067 B	0.048 B	0.155 B	9.169	0.497	N.D.L.R.		
10-Jun-03					9.172	0.500	9.172	13:00	0.000
12-Jun-03	0.230 B	0.079 B	0.042 B	0.350 B	9.174	0.502	9.206	13:15	-0.032
12-Jun-03					9.174	0.502	9.174	13:45	0.000
13-Jun-03	0.231 B	0.086 B	0.052 B	0.369 B	9.179	0.507	9.186	7:40	-0.007
15-Jun-03	0.257 B	0.061 B	0.103 B	0.420 B	9.188	0.516	9.195	7:00	-0.007
17-Jun-03	0.292 B	0.071 B	0.177 B	0.541 B	9.200	0.528	9.196	9:00	0.004
19-Jun-03	0.456	0.061 B	0.233 B	0.750 B	9.207	0.535	9.220	8:15	-0.013
21-Jun-03	0.487	0.075 B	0.248	0.809	9.221	0.549	9.221	12:45	0.000
23-Jun-03	0.488	0.069 B	0.263	0.820	9.218	0.546	9.236	9:15	-0.018
25-Jul-03	0.924	0.125 E	0.410 E	1.459 E	9.277	0.605	9.323	13:00	-0.046
27-Jul-03	0.930	0.135 E	0.420 E	1.485 E	9.279	0.607	9.326	8:30	-0.047
07-Sep-03	0.277	0.040	0.135	0.452	9.139	0.467	9.200	11:00	-0.061
22-May-04	0.000 B				9.057		N.D.L.R.		
25-Jun-04	0.418 B	0.000 B	0.167 B	0.585 B	9.245	0.573	N.D.L.R.		
27-Jun-04	0.807 B	0.000 B	0.245 B	1.051 B	9.261	0.589	9.259	11:00	0.002
28-Jun-04					9.270	0.598	9.276	8:15	-0.006
29-Jun-04					9.275	0.603	9.293	8:45	-0.018
29-Jun-04					9.277	0.605	9.290	20:00	-0.013
02-Jul-04	0.926	0.093 B	0.362 E	1.381 E	9.286	0.614	9.299	11:00	-0.013
04-Jul-04					9.284	0.612	9.286	13:15	-0.002
06-Aug-04	0.341 E	0.082 E	0.030 E	0.453 E	9.200	0.528	9.203	15:00	-0.003
08-Aug-04	0.351 E	0.076	0.026 E	0.453 E	9.190	0.518	9.204	8:58	-0.014
10-Aug-04	0.333 E	0.053	0.018 E	0.404 E	9.179	0.507	9.185	14:00	-0.006
11-Sep-04	0.167	0.043	0.014	0.224	9.106	0.434	9.104	14:15	0.002

DWL = Direct water level surveyed from bench mark (adjusted for BM movement)

DL = Data logger water level

Difference = Difference between surveyed water level (DWL) and Data Logger water level reading
= Value by which to adjust the Data Logger reading

N.R. = Not Recorded in Field Notes

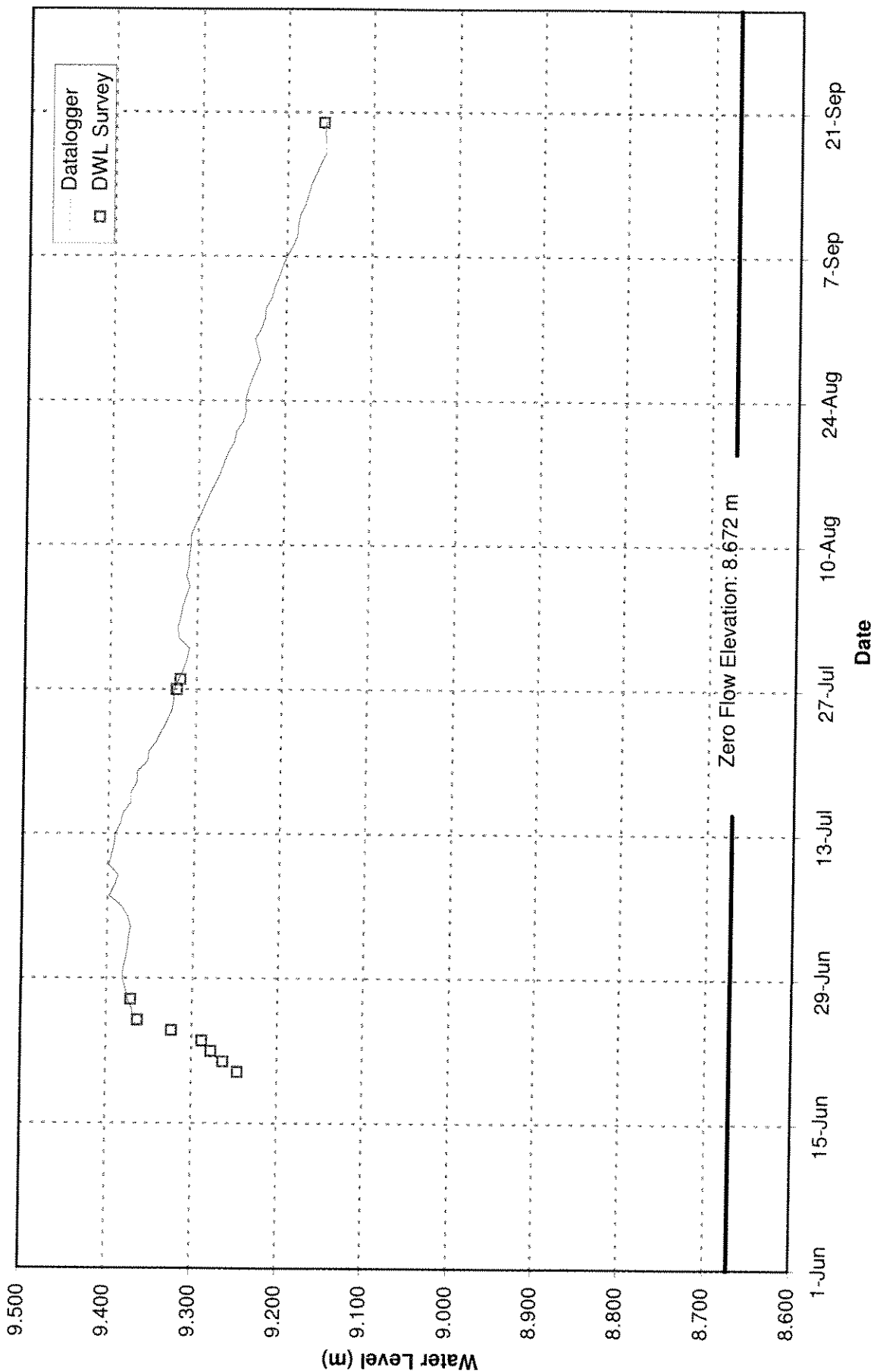
N.D.L.R. = No Data Logger Records

B = Ice conditions

E = Estimated

[Anomalous Data] = Anomalous Data

Third Portage Lake Outlet Water Level 2002



Third Portage Lake Outlet Discharge and Precipitation 2002

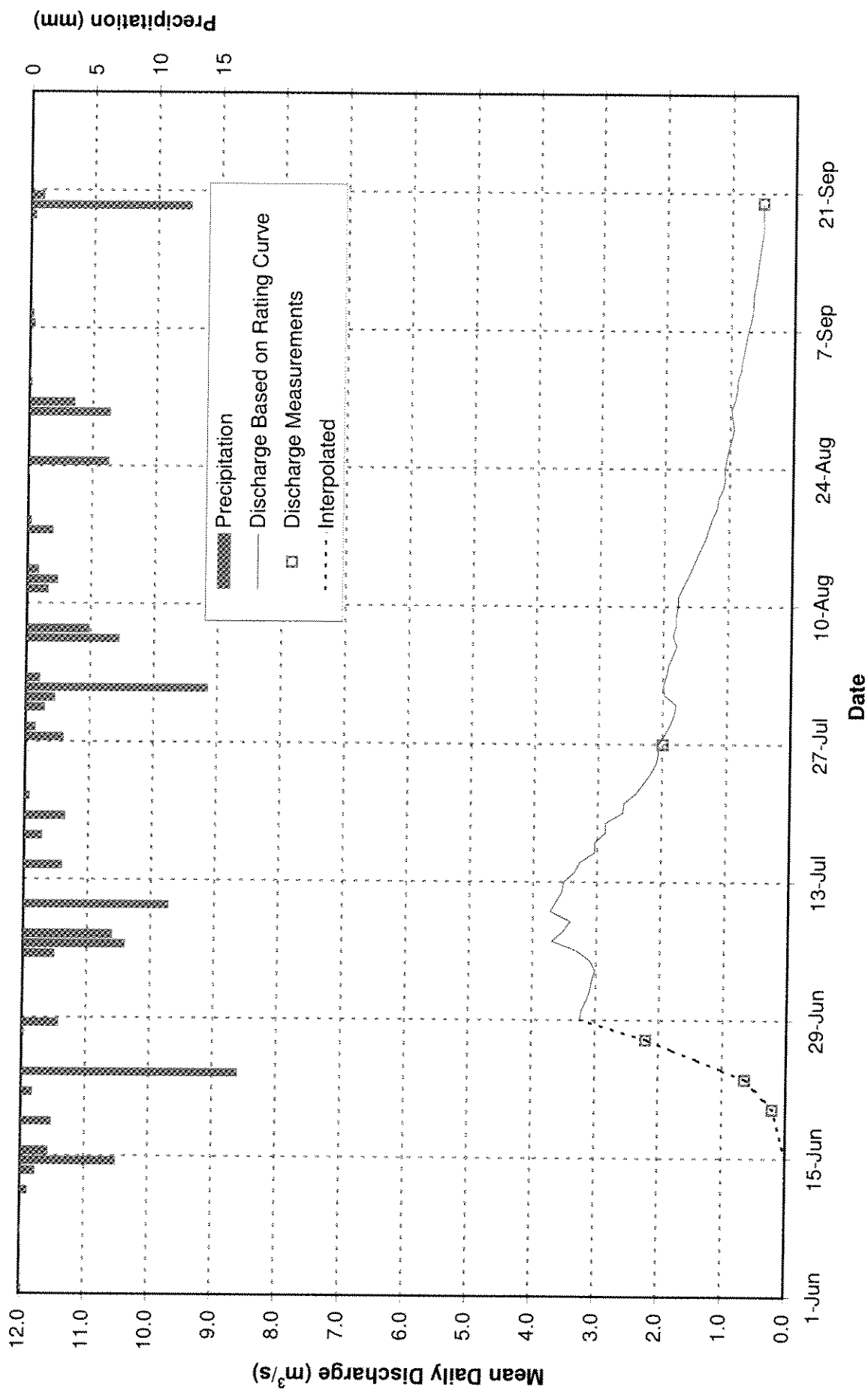
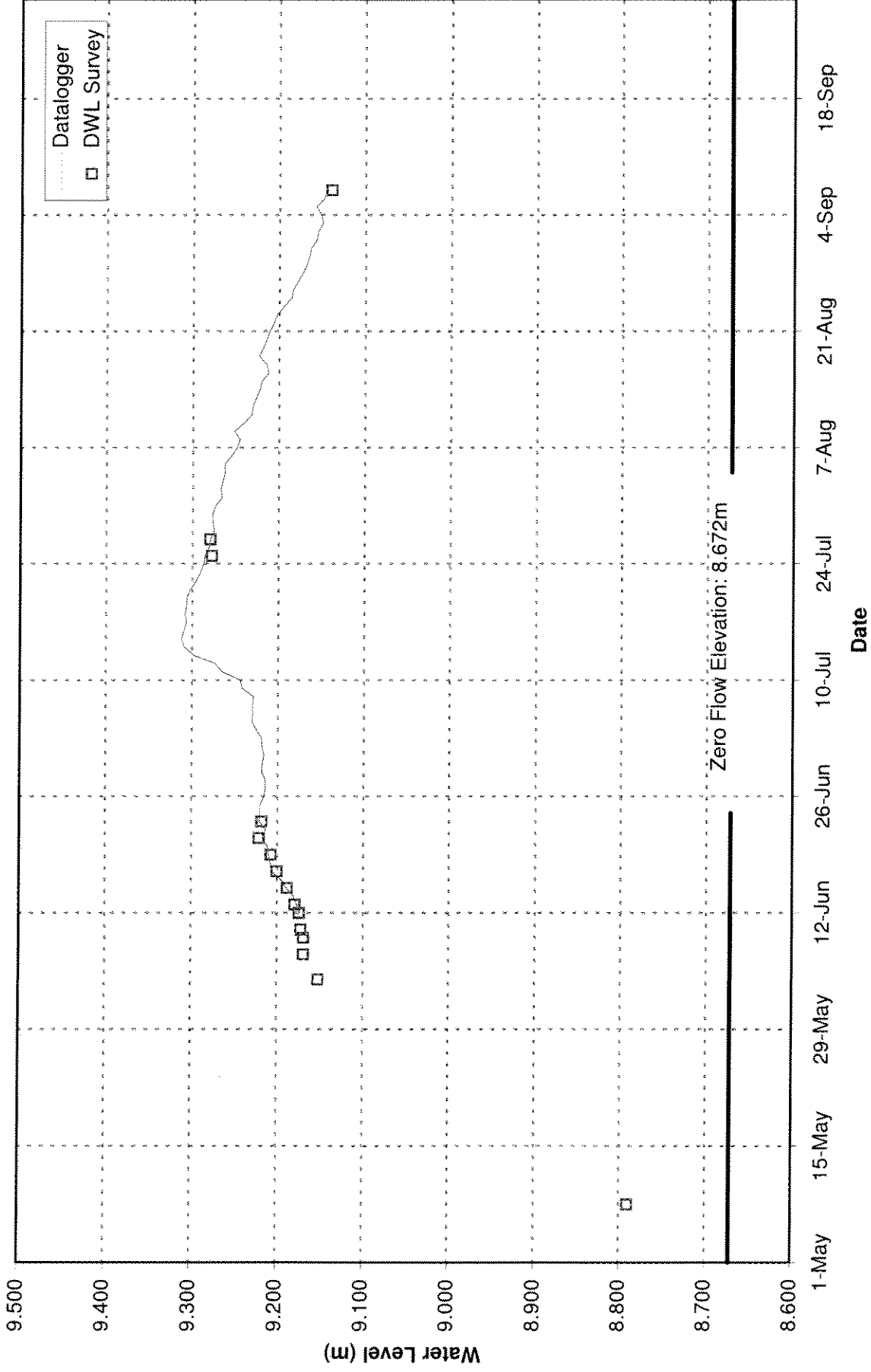
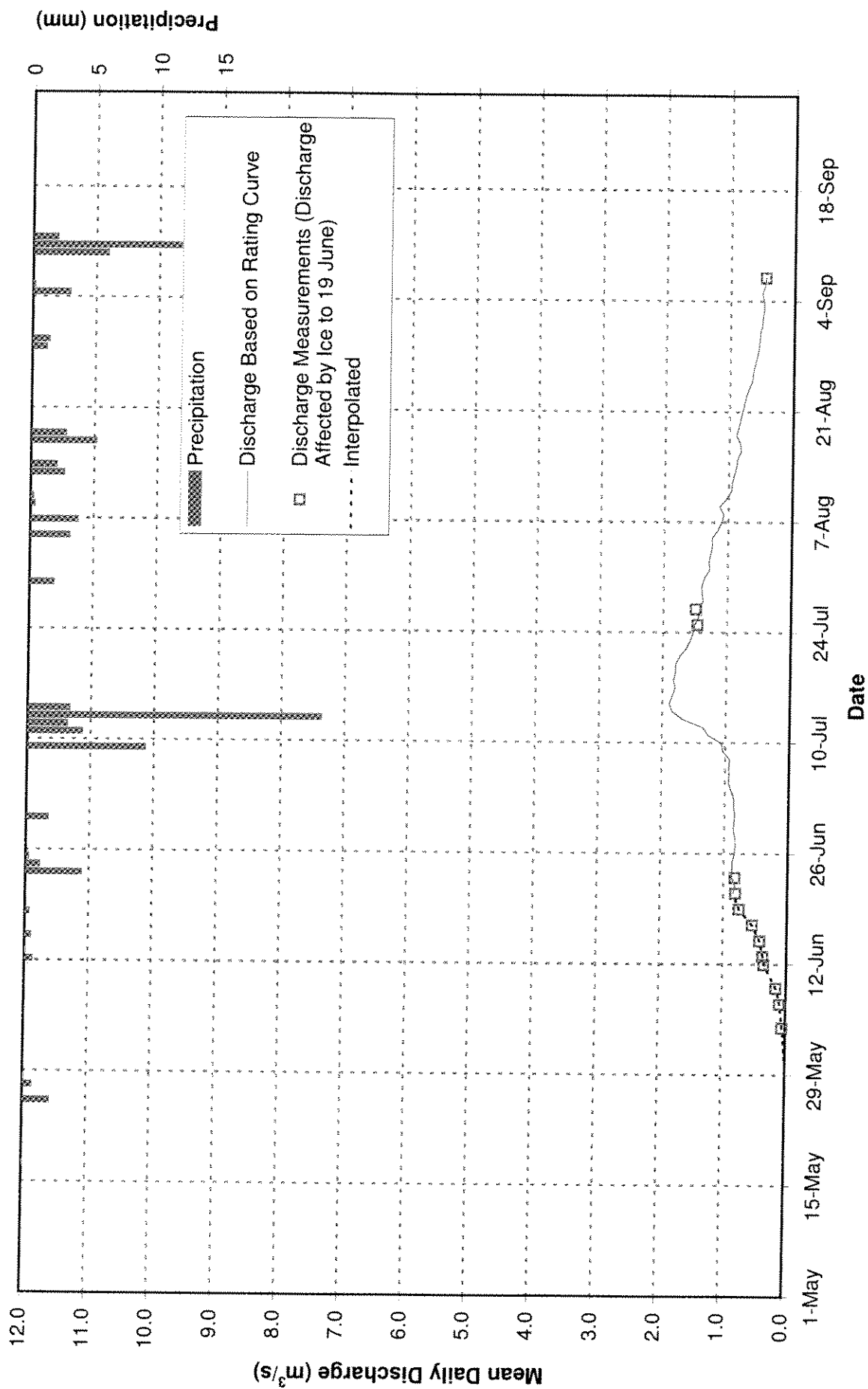


Figure C.2.3

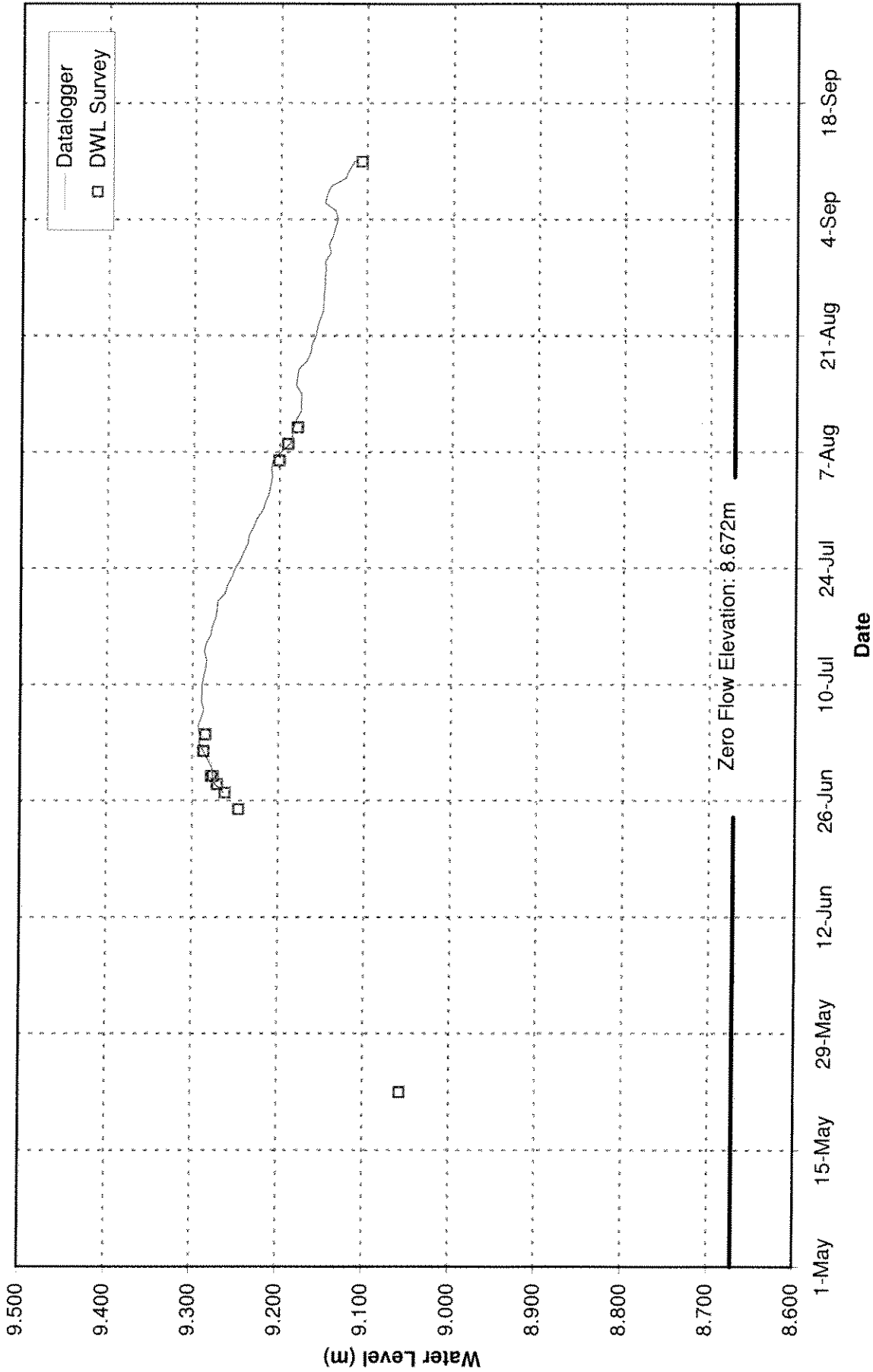
Third Portage Lake Outlet Water Level 2003



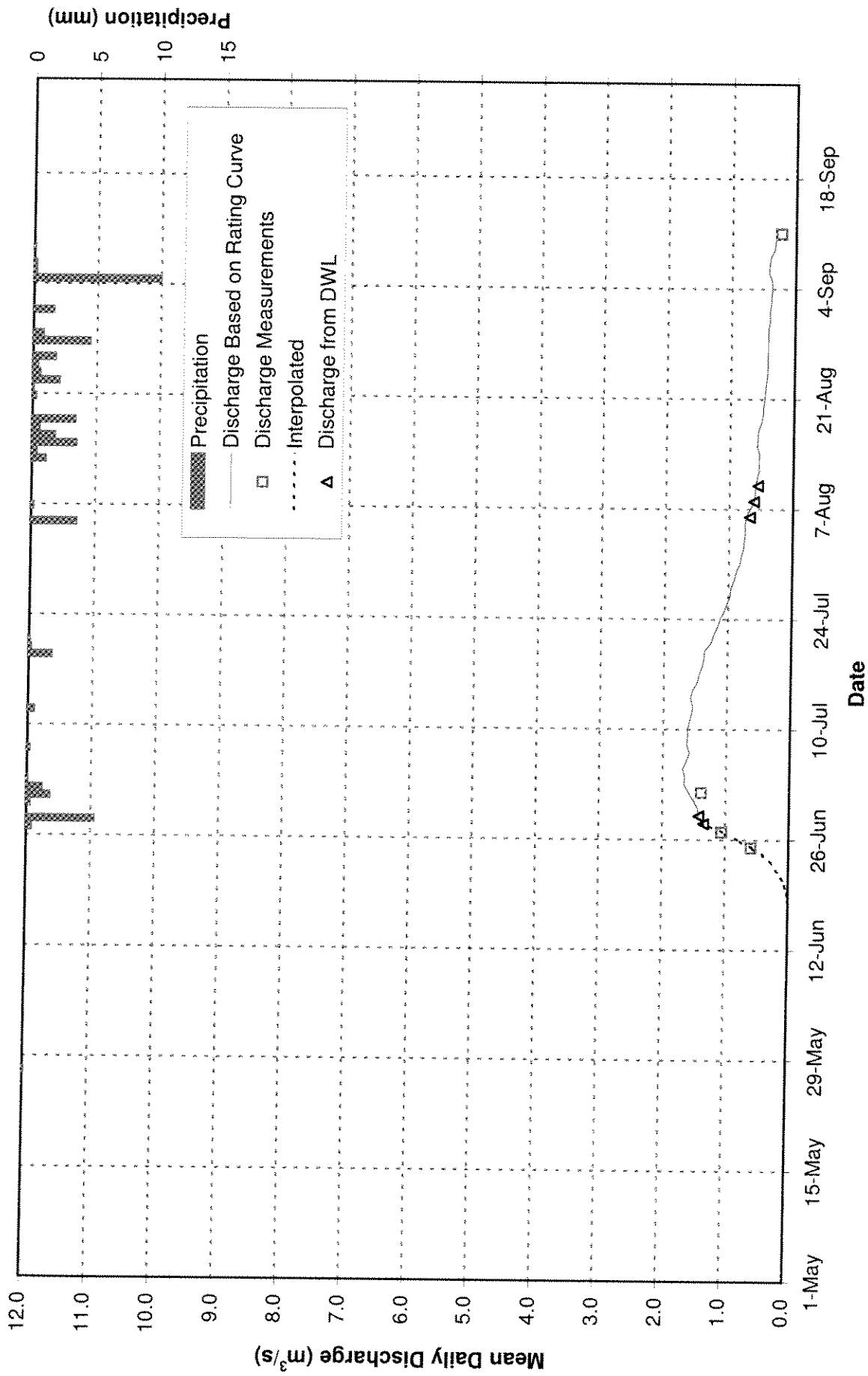
Third Portage Lake Outlet Discharge and Precipitation 2003



Third Portage Lake Outlet Water Level 2004



Third Portage Lake Outlet Discharge and Precipitation 2004



STATION NUMBER: THIRD PORTAGE LAKE OUTLET
 DATA LOGGER START UP DATE: 25 JUNE 2002
 DATA LOGGER ENDING DATE: 20 SEPTEMBER 2002

2002 DAILY MEAN WATER LEVEL IN METERS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	---	---	---	---	---	---	9.378	9.321	9.225	---	---	---
2	---	---	---	---	---	---	9.376	9.322	9.224	---	---	---
3	---	---	---	---	---	---	9.375	9.319	9.217	---	---	---
4	---	---	---	---	---	---	9.373	9.317	9.214	---	---	---
5	---	---	---	---	---	---	9.376	9.313	9.209	---	---	---
6	---	---	---	---	---	---	9.384	9.309	9.205	---	---	---
7	---	---	---	---	---	---	9.398	9.313	9.200	---	---	---
8	---	---	---	---	---	---	9.392	9.310	9.193	---	---	---
9	---	---	---	---	---	---	9.388	9.310	9.188	---	---	---
10	---	---	---	---	---	---	9.399	9.308	9.187	---	---	---
11	---	---	---	---	---	---	9.396	9.308	9.185	---	---	---
12	---	---	---	---	---	---	9.393	9.303	9.179	---	---	---
13	---	---	---	---	---	---	9.392	9.297	9.175	---	---	---
14	---	---	---	---	---	---	9.386	9.292	9.172	---	---	---
15	---	---	---	---	---	---	9.383	9.287	9.166	---	---	---
16	---	---	---	---	---	---	9.374	9.281	9.161	---	---	---
17	---	---	---	---	---	---	9.374	9.275	9.155	---	---	---
18	---	---	---	---	---	---	9.367	9.271	9.155	---	---	---
19	---	---	---	---	---	---	9.367	9.266	9.156	---	---	---
20	---	---	---	---	---	---	9.355	9.259	9.155	---	---	---
21	---	---	---	---	---	---	9.354	9.257	---	---	---	---
22	---	---	---	---	---	---	9.345	9.249	---	---	---	---
23	---	---	---	---	---	---	9.339	9.246	---	---	---	---
24	---	---	---	---	---	---	9.333	9.247	---	---	---	---
25	---	---	---	---	---	---	9.328	9.244	---	---	---	---
26	---	---	---	---	---	9.369	9.326	9.240	---	---	---	---
27	---	---	---	---	---	9.370	9.326	9.235	---	---	---	---
28	---	---	---	---	---	9.375	9.32	9.230	---	---	---	---
29	---	---	---	---	---	9.378	9.315	9.233	---	---	---	---
30	---	---	---	---	---	9.382	9.311	9.236	---	---	---	---
31	---	---	---	---	---	9.381	9.309	9.229	---	---	---	---
MIN	---	---	---	---	---	9.369	9.309	9.229	9.155	---	---	---
MEAN	---	---	---	---	---	9.376	9.362	9.278	9.186	---	---	---
MAX	---	---	---	---	---	9.382	9.399	9.322	9.225	---	---	---

Note: B indicates water level affected by ice conditions

STATION NUMBER: THIRD PORTAGE LAKE OUTLET
 DATA LOGGER START UP DATE: 25 JUNE 2002
 DATA LOGGER ENDING DATE: 20 SEPTEMBER 2002

2002 DAILY MEAN DISCHARGE IN CUBIC METERS PER SECOND

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	---	---	---	---	---	---	3.137	1.972	0.897	---	---	---
2	---	---	---	---	---	---	3.086	1.989	0.890	---	---	---
3	---	---	---	---	---	---	3.061	1.94	0.840	---	---	---
4	---	---	---	---	---	---	3.012	1.909	0.819	---	---	---
5	---	---	---	---	---	---	3.086	1.848	0.786	---	---	---
6	---	---	---	---	---	---	3.293	1.788	0.760	---	---	---
7	---	---	---	---	---	---	3.689	1.848	0.730	---	---	---
8	---	---	---	---	---	---	3.514	1.803	0.689	---	---	---
9	---	---	---	---	---	---	3.402	1.803	0.661	---	---	---
10	---	---	---	---	---	---	3.719	1.774	0.655	---	---	---
11	---	---	---	---	---	---	3.63	1.774	0.644	---	---	---
12	---	---	---	---	---	---	3.542	1.703	0.613	---	---	---
13	---	---	---	---	---	---	3.514	1.621	0.593	---	---	---
14	---	---	---	---	---	---	3.347	1.556	0.579	---	---	---
15	---	---	---	---	---	---	3.267	1.493	0.550	---	---	---
16	---	---	---	---	---	---	3.037	1.422	0.528	---	---	---
17	---	---	---	---	---	---	3.037	1.354	0.502	---	---	---
18	---	---	---	---	---	---	2.869	1.310	0.502	---	---	---
19	---	---	---	---	---	---	2.869	1.257	0.507	---	---	---
20	---	---	---	---	---	0.203	2.602	1.187	0.502	---	---	---
21	---	---	---	---	---	---	2.581	1.168	---	---	---	---
22	---	---	---	---	---	---	2.399	1.093	---	---	---	---
23	---	---	---	---	---	0.644	2.284	1.067	---	---	---	---
24	---	---	---	---	---	---	2.175	1.075	---	---	---	---
25	---	---	---	---	---	---	2.088	1.049	---	---	---	---
26	---	---	---	---	---	---	2.055	1.015	---	---	---	---
27	---	---	---	---	---	2.198	2.055	0.974	---	---	---	---
28	---	---	---	---	---	---	1.956	0.935	---	---	---	---
29	---	---	---	---	---	3.240	1.878	0.958	---	---	---	---
30	---	---	---	---	---	3.214	1.818	0.982	---	---	---	---
31	---	---	---	---	---	---	1.788	0.927	---	---	---	---
MIN	---	---	---	---	---	3.214	1.788	0.927	0.502	---	---	---
MEAN	---	---	---	---	---	3.227	2.832	1.438	0.662	---	---	---
MAX	---	---	---	---	---	3.240	3.719	1.989	0.897	---	---	---

Discharge in cubic meters per second
 Mean 1.811
 Maximum Daily 3.719 on July 10
 Maximum instantaneous 4.065 at 11:15 on July 10
 Total Volume 13139.953 Cubic Decameters

Note: italics indicates discharge measurement or estimate
 All MIN, MEAN, and MAX values are computed for data from 29 June to 20 September only

STATION NUMBER: THIRD PORTAGE LAKE OUTLET
 DATA LOGGER START UP DATE: 12 JUNE 2003
 DATA LOGGER ENDING DATE: 7 SEPTEMBER 2003

2003 DAILY MEAN WATER LEVEL IN METERS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	---	---	---	---	---	---	9.216	9.266	9.157	---	---	---
2	---	---	---	---	---	---	9.218	9.268	9.155	---	---	---
3	---	---	---	---	---	---	9.219	9.265	9.149	---	---	---
4	---	---	---	---	---	---	9.225	9.262	9.151	---	---	---
5	---	---	---	---	---	---	9.230	9.263	9.158	---	---	---
6	---	---	---	---	---	---	9.229	9.255	9.148	---	---	---
7	---	---	---	---	---	---	9.230	9.248	9.144	---	---	---
8	---	---	---	---	---	---	9.228	9.245	---	---	---	---
9	---	---	---	---	---	---	9.242	9.252	---	---	---	---
10	---	---	---	---	---	---	9.244	9.240	---	---	---	---
11	---	---	---	---	---	---	9.265	9.232	---	---	---	---
12	---	---	---	---	---	9.173 B	9.273	9.231	---	---	---	---
13	---	---	---	---	---	9.177 B	9.298	9.226	---	---	---	---
14	---	---	---	---	---	9.181 B	9.309	9.222	---	---	---	---
15	---	---	---	---	---	9.190 B	9.312	9.221	---	---	---	---
16	---	---	---	---	---	9.196 B	9.309	9.212	---	---	---	---
17	---	---	---	---	---	9.206 B	9.307	9.215	---	---	---	---
18	---	---	---	---	---	9.208 B	9.308	9.224	---	---	---	---
19	---	---	---	---	---	9.210 B	9.306	9.218	---	---	---	---
20	---	---	---	---	---	9.212 B	9.306	9.215	---	---	---	---
21	---	---	---	---	---	9.217	9.302	9.211	---	---	---	---
22	---	---	---	---	---	9.214	9.295	9.206	---	---	---	---
23	---	---	---	---	---	9.221	9.291	9.203	---	---	---	---
24	---	---	---	---	---	9.220	9.287	9.195	---	---	---	---
25	---	---	---	---	---	9.220	9.285	9.186	---	---	---	---
26	---	---	---	---	---	9.216	9.281	9.184	---	---	---	---
27	---	---	---	---	---	9.214	9.279	9.179	---	---	---	---
28	---	---	---	---	---	9.214	9.275	9.173	---	---	---	---
29	---	---	---	---	---	9.219	9.276	9.168	---	---	---	---
30	---	---	---	---	---	9.218	9.277	9.166	---	---	---	---
31	---	---	---	---	---	---	9.274	9.163	---	---	---	---
MIN	---	---	---	---	---	9.173 B	9.216	9.163	9.144	---	---	---
MEAN	---	---	---	---	---	9.207 B	9.271	9.220	9.152	---	---	---
MAX	---	---	---	---	---	9.221	9.312	9.268	9.158	---	---	---

Note: B indicates water level affected by ice conditions

STATION NUMBER: THIRD PORTAGE LAKE OUTLET
 DATA LOGGER START UP DATE: 12 JUNE 2003
 DATA LOGGER ENDING DATE: 7 SEPTEMBER 2003

2003 DAILY MEAN DISCHARGE IN CUBIC METERS PER SECOND

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	---	---	---	---	---	---	0.834	1.276	0.505	---	---	---
2	---	---	---	---	---	---	0.853	1.290	0.497	---	---	---
3	---	---	---	---	---	---	0.853	1.263	0.474	---	---	---
4	---	---	---	---	---	0.052	0.901	1.239	0.481	---	---	---
5	---	---	---	---	---	---	0.940	1.244	0.506	---	---	---
6	---	---	---	---	---	---	0.932	1.161	0.468	---	---	---
7	---	---	---	---	---	0.092	0.938	1.101	0.452	---	---	---
8	---	---	---	---	---	---	0.926	1.070	---	---	---	---
9	---	---	---	---	---	0.155	1.037	1.134	---	---	---	---
10	---	---	---	---	---	---	1.055	1.026	---	---	---	---
11	---	---	---	---	---	---	1.265	0.952	---	---	---	---
12	---	---	---	---	---	0.35	1.353	0.943	---	---	---	---
13	---	---	---	---	---	0.369	1.671	0.913	---	---	---	---
14	---	---	---	---	---	---	1.834	0.881	---	---	---	---
15	---	---	---	---	---	0.420	1.884	0.867	---	---	---	---
16	---	---	---	---	---	---	1.837	0.808	---	---	---	---
17	---	---	---	---	---	0.541	1.796	0.825	---	---	---	---
18	---	---	---	---	---	---	1.821	0.888	---	---	---	---
19	---	---	---	---	---	0.750	1.792	0.854	---	---	---	---
20	---	---	---	---	---	0.797	1.787	0.826	---	---	---	---
21	---	---	---	---	---	0.844	1.725	0.800	---	---	---	---
22	---	---	---	---	---	0.818	1.629	0.770	---	---	---	---
23	---	---	---	---	---	0.871	1.567	0.744	---	---	---	---
24	---	---	---	---	---	0.866	1.517	0.697	---	---	---	---
25	---	---	---	---	---	0.867	1.500	0.646	---	---	---	---
26	---	---	---	---	---	0.831	1.442	0.637	---	---	---	---
27	---	---	---	---	---	0.823	1.426	0.606	---	---	---	---
28	---	---	---	---	---	0.823	1.374	0.580	---	---	---	---
29	---	---	---	---	---	0.853	1.391	0.555	---	---	---	---
30	---	---	---	---	---	0.847	1.397	0.541	---	---	---	---
31	---	---	---	---	---	---	1.356	0.532	---	---	---	---

MIN	---	---	---	---	---	0.818	0.834	0.532	0.452	---	---	---
MEAN	---	---	---	---	---	0.844	1.375	0.893	0.483	---	---	---
MAX	---	---	---	---	---	0.871	1.884	1.290	0.506	---	---	---

Discharge in cubic meters per second
 Mean 1.040
 Maximum Daily 1.884 on July 15
 Maximum instantaneous 2.042 at 3:30 on July 15
 Total Volume 7095.969 Cubic Decameters

Note: italics indicates discharge measurement or estimate
 ALL MIN, MEAN, and MAX values are computed for data from 21 June to 7 September only

STATION NUMBER: THIRD PORTAGE LAKE OUTLET
 DATA LOGGER START UP DATE: 27 JUNE 2004
 DATA LOGGER ENDING DATE: 11 SEPTEMBER 2004

2004 DAILY MEAN WATER LEVEL IN METERS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	---	---	---	---	---	---	9.281 B	9.216	9.144	---	---	---
2	---	---	---	---	---	---	9.286 B	9.212	9.140	---	---	---
3	---	---	---	---	---	---	9.291	9.210	9.137	---	---	---
4	---	---	---	---	---	---	9.291	9.208	9.134	---	---	---
5	---	---	---	---	---	---	9.293	9.209	9.136	---	---	---
6	---	---	---	---	---	---	9.289	9.207	9.149	---	---	---
7	---	---	---	---	---	---	9.286	9.199	9.147	---	---	---
8	---	---	---	---	---	---	9.289	9.188	9.142	---	---	---
9	---	---	---	---	---	---	9.288	9.186	9.125	---	---	---
10	---	---	---	---	---	---	9.288	9.184	9.121	---	---	---
11	---	---	---	---	---	---	9.286	9.181	9.115	---	---	---
12	---	---	---	---	---	---	9.284	9.175	---	---	---	---
13	---	---	---	---	---	---	9.283	9.175	---	---	---	---
14	---	---	---	---	---	---	9.286	9.175	---	---	---	---
15	---	---	---	---	---	---	9.284	9.181	---	---	---	---
16	---	---	---	---	---	---	9.278	9.180	---	---	---	---
17	---	---	---	---	---	---	9.277	9.178	---	---	---	---
18	---	---	---	---	---	---	9.273	9.169	---	---	---	---
19	---	---	---	---	---	---	9.271	9.164	---	---	---	---
20	---	---	---	---	---	---	9.271	9.163	---	---	---	---
21	---	---	---	---	---	---	9.262	9.159	---	---	---	---
22	---	---	---	---	---	---	9.259	9.157	---	---	---	---
23	---	---	---	---	---	---	9.254	9.154	---	---	---	---
24	---	---	---	---	---	---	9.251	9.151	---	---	---	---
25	---	---	---	---	---	---	9.245	9.150	---	---	---	---
26	---	---	---	---	---	---	9.240	9.150	---	---	---	---
27	---	---	---	---	---	9.263 B	9.236	9.148	---	---	---	---
28	---	---	---	---	---	9.273 B	9.235	9.149	---	---	---	---
29	---	---	---	---	---	9.275 B	9.229	9.147	---	---	---	---
30	---	---	---	---	---	9.277 B	9.226	9.148	---	---	---	---
31	---	---	---	---	---	---	9.219	9.142	---	---	---	---
MIN	---	---	---	---	---	9.263	9.219	9.142	9.115	---	---	---
MEAN	---	---	---	---	---	9.272	9.269	9.175	9.135	---	---	---
MAX	---	---	---	---	---	9.277	9.293	9.216	9.149	---	---	---

Note: B Indicates water level affected by ice conditions

STATION NUMBER: THIRD PORTAGE LAKE OUTLET
 DATA LOGGER START UP DATE: 27 JUNE 2004
 DATA LOGGER ENDING DATE: 11 SEPTEMBER 2004

2004 DAILY MEAN DISCHARGE IN CUBIC METERS PER SECOND

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	---	---	---	---	---	---	1.503	0.798	0.395	---	---	---
2	---	---	---	---	---	---	1.578	0.766	0.378	---	---	---
3	---	---	---	---	---	---	1.654	0.752	0.369	---	---	---
4	---	---	---	---	---	---	1.642	0.739	0.358	---	---	---
5	---	---	---	---	---	---	1.676	0.745	0.366	---	---	---
6	---	---	---	---	---	---	1.618	0.732	0.413	---	---	---
7	---	---	---	---	---	---	1.573	0.673	0.405	---	---	---
8	---	---	---	---	---	---	1.617	0.607	0.387	---	---	---
9	---	---	---	---	---	---	1.604	0.593	0.328	---	---	---
10	---	---	---	---	---	---	1.603	0.582	0.315	---	---	---
11	---	---	---	---	---	---	1.578	0.565	0.297	---	---	---
12	---	---	---	---	---	---	1.546	0.535	---	---	---	---
13	---	---	---	---	---	---	1.529	0.536	---	---	---	---
14	---	---	---	---	---	---	1.568	0.534	---	---	---	---
15	---	---	---	---	---	---	1.534	0.568	---	---	---	---
16	---	---	---	---	---	---	1.460	0.561	---	---	---	---
17	---	---	---	---	---	---	1.435	0.553	---	---	---	---
18	---	---	---	---	---	---	1.387	0.504	---	---	---	---
19	---	---	---	---	---	---	1.363	0.483	---	---	---	---
20	---	---	---	---	---	---	1.355	0.477	---	---	---	---
21	---	---	---	---	---	---	1.248	0.456	---	---	---	---
22	---	---	---	---	---	---	1.216	0.450	---	---	---	---
23	---	---	---	---	---	---	1.157	0.437	---	---	---	---
24	---	---	---	---	---	---	1.118	0.421	---	---	---	---
25	---	---	---	---	---	---	1.055	0.419	---	---	---	---
26	---	---	---	---	---	---	1.011	0.417	---	---	---	---
27	---	---	---	---	---	---	1.051	0.968	---	---	---	---
28	---	---	---	---	---	1.051	0.968	0.413	---	---	---	---
29	---	---	---	---	---	1.346	0.955	0.413	---	---	---	---
30	---	---	---	---	---	1.417	0.907	0.409	---	---	---	---
31	---	---	---	---	---	1.433	0.876	0.412	---	---	---	---
	---	---	---	---	---	---	0.821	0.387	---	---	---	---
MIN	---	---	---	---	---	1.417	0.821	0.387	0.297	---	---	---
MEAN	---	---	---	---	---	1.425	1.360	0.546	0.365	---	---	---
MAX	---	---	---	---	---	1.433	1.676	0.798	0.413	---	---	---

Discharge in cubic meters per second
 Mean 0.879
 Maximum Daily 1.676 on July 5
 Maximum instantaneous 1.85 at 17:45 on July 12
 Total Volume
 5698.689 Cubic Decameters

Note Italics indicates discharge measurement or estimate

All MIN, MEAN, and MAX values are computed for data from 29 June to 11 September only