

Public-Data File 90-3

KENAI PENINSULA STREAMFLOW DATA, 1989

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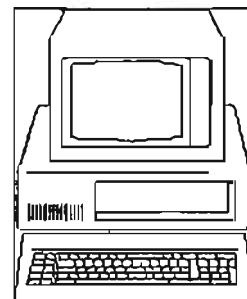
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## Kenai Peninsula Streamflow Data, 1989

For the first time this year's Kenai Peninsula annual streamflow data report uses the calibration data collected over the past three years to calculate flow data from the continuous stage data collected at each site. Until this year insufficient calibration data were available to report anything but stage data. The regression equations applied from the calibration data will be updated annually. Therefore, next years data may use slightly different regression equations.

A major change in record keeping was implemented this year. All calibration data are now entered on a Lotus 123 spreadsheet. This spreadsheet automates the process of record keeping, including calculation of discharge, data summary tables, and the completion of regression analyses. As in previous years, all stage data were collected on EPROM chips, which were then downloaded to a coded ASCII file. A conversion of units with accompanying attachment of dates and times are done next, followed by appending these data to the end of a file containing all previous data. A Fortran program is finally used to convert stage to discharge, using the regression equations calculated from the calibration data spreadsheet.



The Kenai Peninsula data collection effort is a cooperative

venture between the Department of Natural Resources, Division of Geological and Geophysical Survey (D.G.G.S.), and the U.S. Department of Interior Fish and Wildlife Service (U.S.F.&W.S.). A total of six sites have been instrumented in the past few years. Only four are reported here. The Upper Swanson River site was abandoned this year for two reasons. Repeated instrument problems have left large gaps in the data, but more importantly the discharge/DSM regression relation yielded a  $R^2$  of only 0.5833. That low of a  $R^2$  is too poor on which to base any confidence in the discharge data. The probable cause of the poor relationship at the Upper Swanson site is the substantial weed growth that occurs there each summer. This weed growth also may be a factor at the Moose and Russian River sites.

The other site that is not reported here is the Middle Swanson site. This is a new site added this year as a replacement for the discontinued Upper Swanson site. Insufficient calibration data are collected at this time to include the short record that is available.

The remainder of this report is largely self explanatory. A brief discussion of each site immediately follows. After that are a series of charts and graphs that summarize generally all data, and more specifically each of the four sites included in this data report. Finally, the bulk of the report is the individual listings of all discharge data for the full period of record (POR). On request, all data can be had on PC compatible disks. Some water temperature data are also available on request, but is not included

in this report on streamflow.

Funny River: This site has a fairly complete record from 01/23/86 to 07/07/89. Only a two month gap in the data exists from 05/15/86 to 07/23/86. Unfortunately recording equipment failure occurred on 07/07/89. No record exists from that date until 10/11/89. Expected upgrades in recording instrumentation as provided by U.S.F.&W.S. should alleviate some of the data loss problems here, and at some other sites. This is a major data loss during a time of record high flows for all Southcentral Alaska. Compounding this problem are apparent changes in the rating curve during this same time frame, that probably are due to channel changes occurring in response to record flows. The regression relationship between DSM and discharge is good at this site, with a  $R^2$  value of 0.9699.

Lower Swanson River: A total of two gaps exist in this data that extends from 06/12/87 to 06/22/89. These two gaps are from 01/24/88 to 07/13/88, and from 04/10/89 to 05/10/89. Similar to the Funny River site, there was a major equipment malfunction occurring on 06/22/89. No data were recorded for the remainder of the water year. This is again a major loss during a time of record runoff events attributable to equipment failure. This site too should receive new instrumentation this year to hopefully relieve data loss problems.

There are still the unexplained peaks that have occurred

in November/December. Although not fully understood, these are most likely due to a combination of tidal effect and backwater piping under the ice. The regression equations generated for this site are the best of all, with a  $R^2$  of 0.9969.

Moose River: This site has the most complete data record, with no data gaps for the entire period of record from 08/06/86 to 09/26/89. The recording equipment at this site has worked flawlessly. The regression relationship is however not as good, with a  $R^2$  of 0.8828. There are several likely causes of this lower value. Aquatic weed growth is substantial at this site. Additionally, the installation site is not ideal. Both the recording instrument and discharge sites are probably in too close a proximity to substantial river bends. Differential stacking may be taking place. Another factor may be measurement error. The importance of certain measurements and consistency of measurement locations were not fully appreciated at the outset of the data collection effort.

It is interesting to note the range of recorded flows measured at Moose River. The maximum flow value was calculated at 8030 cfs, with an average of 480 cfs, and a low flow of 36 cfs. This is a substantial range, which likely is false. High flows are recorded during April. It is probable that these flows are in reality ice-jam floods. Particularly considering the nature of the channel immediately below the gaged site, where the channel bifurcates and runs through some

shallow riffles. That is a natural location for ice jams.

Russian River: Several major data gaps exist in the record that extends from 08/04/86 to 09/26/89. The first of these gaps extend from 01/25/87 to 04/27/87; and the second from 01/14/88 to 07/13/88. Some of these gaps are because of recording equipment failure, and some to faulty batteries. Regression relationships derived for this site are the poorest of the four reported here. The  $R^2$  value is 0.8100. There are probably several contributing reasons for this poorer relationship. Some aquatic weed growth does occur, particularly in the deep slow moving portion of the channel. The stability of the large prominent gravel bar immediately downstream of the instrumented site is also unknown.

APPENDIX A

Statistical and Graphical Representation of Each Site



# KENAI PENINSULA STREAM GAGES

## REGRESSION EQUATIONS AND DISCHARGE SUMMARIES

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<i>SITE</i>	<i>REGRESSION EQUATION</i>	<i>N</i>	<i>2 R</i>	<i>AVG. FLOW</i>	<i>MAX. FLOW</i>	<i>MIN. FLOW</i>
<i>FUNNY RIVER</i>	$\text{LOGQ} = 3.19488 \cdot \text{LOGDSM} + 0.85527$	9	0.9699	177.90	723.80	42.00
<i>LOWER SWANSON</i>	$\text{LOGQ} = 3.45901 \cdot \text{LOGDSM} + 0.92083$	8	0.9959	213.10	1585.60	48.10
<i>MOOSE RIVER</i>	$\text{LOGQ} = 4.96771 \cdot \text{LOGDSM} - 0.44805$	7	0.8828	480.20	8030.60	35.90
<i>RUSSIAN RIVER</i>	$\text{LOGQ} = 2.25276 \cdot \text{LOGDSM} + 1.48184$	6	0.8100	219.20	802.30	69.00

*ALL FLOW VALUES IN C.F.S.  
FOR FULL PERIOD OF RECORD*

# FUNNY RIVER

## SUMMARY OF AVAILABLE DATA TO LAST DATE SHOWN BELOW

DATE	TIME	AVG DEPTH	AVG VELOC	TOT WIDTH	TOT AREA	D.S.M.	STAGE	DISCHARGE
29-Apr-87	1315	1.54	2.21	39.50	60.10	2.57	96.06	146.12
22-Jul-87	1445	1.97	1.94	37.00	65.95	2.49	96.02	133.78
08-Oct-87	1820	2.30	1.16	29.20	66.86	2.26	95.80	96.07
14-Jul-88	1940	1.66	2.11	40.00	60.00	2.58	95.95	132.39
14-Oct-88	1015	1.42	1.40	38.50	50.54	2.16	95.70	82.10
11-May-89	1200	1.58	2.47	39.00	62.60	2.76	96.10	179.43
23-Jun-89	945	1.55	1.87	38.00	49.75	2.26	95.74	93.50
27-Sep-89	1230	1.52	1.92	37.60	54.03	2.48	95.94	117.76
11-Oct-89	1445	1.71	2.18	38.50	54.60	2.42	95.90	116.29

### STAGE (X) VS D.S.M. (Y); A MEASURE OF INSTRUMENT RELIABILITY

*Regression Output:*

Constant	-119.8
Std. Err of Y Est.	0.0643
R Squared	0.8988
No. of Observations	9
Degrees of Freedom	7
X Coefficient(s)	1.2753
Std. Err of Coef.	0.1617

# FUNNY RIVER

## SUMMARY OF LOG DATA AND REGRESSION RESULTS

---

### LOG DATA

DATE	LOG D.S.M.	LOG STAGE	LOG DISCHARGE
29-Apr-87	0.410	1.983	2.165
22-Jul-87	0.396	1.982	2.126
08-Oct-87	0.354	1.981	1.983
14-Jul-88	0.412	1.982	2.122
14-Oct-88	0.334	1.981	1.914
11-May-89	0.441	1.983	2.254
23-Jun-89	0.354	1.981	1.971
27-Sep-89	0.394	1.982	2.071
11-Oct-89	0.384	1.982	2.066

### REGRESSION CALCULATED VALUES

LOG STAGE	LOG D.S.M.
1.982	0.415
1.982	0.403
1.981	0.358
1.982	0.401
1.981	0.336
1.983	0.443
1.981	0.354
1.982	0.386
1.982	0.384

### LOG DCHARGE (X) VS LOG D.S.M. (Y)

#### *Regression Output:*

Constant	-0.262
Std Err of Y Est	0.0062
R Squared	0.9699
No. of Observations	9
Degrees of Freedom	7
X Coefficient(s)	0.3130
Std Err of Coef.	0.0208

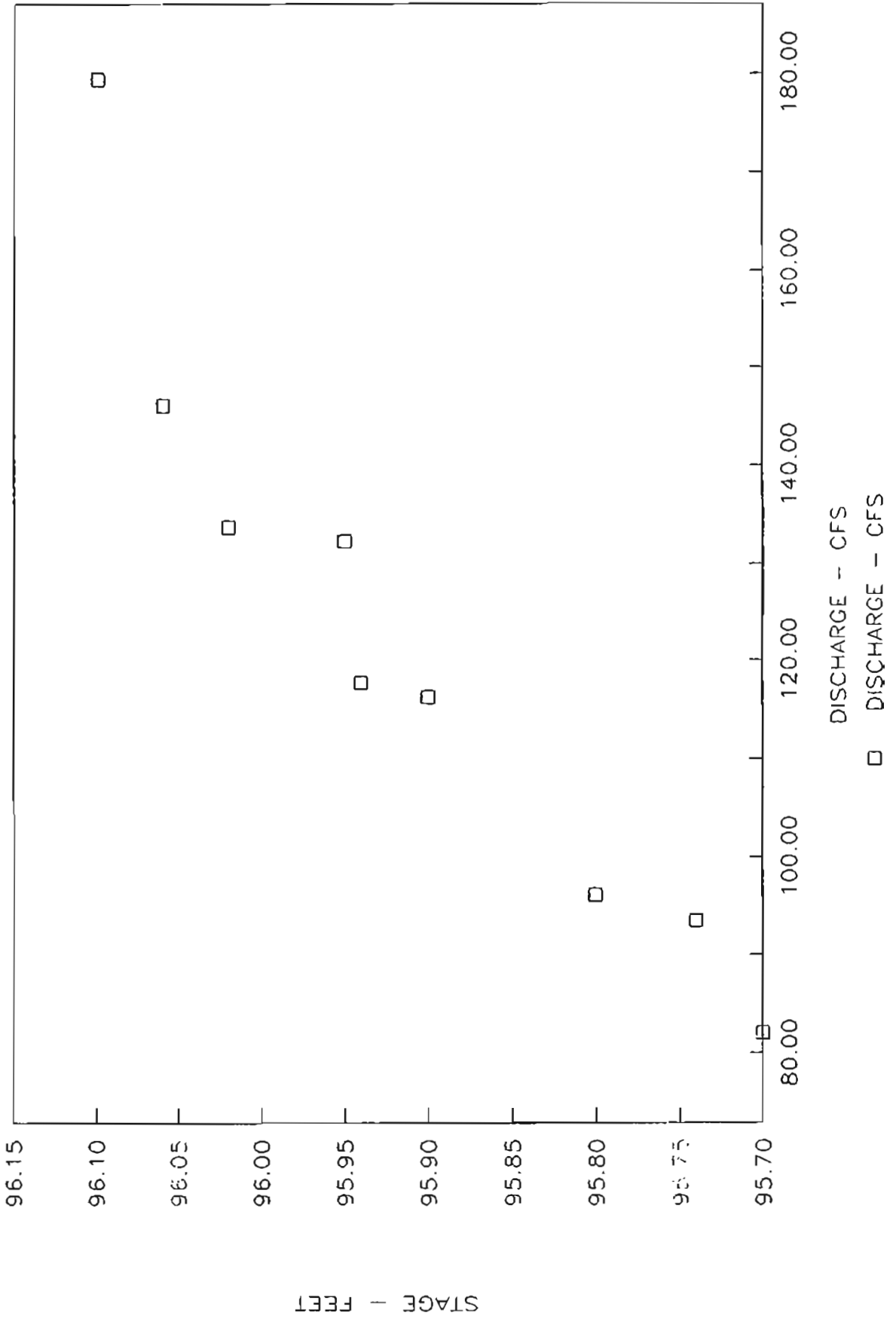
### LOG DCHARGE (X) VS LOG STAGE (Y)

#### *Regression Output:*

Constant	1.9697
Std Err of Y Est	0.0001
R Squared	0.9513
No. of Observations	9
Degrees of Freedom	7
X Coefficient(s)	0.0058
Std Err of Coef.	0.0005

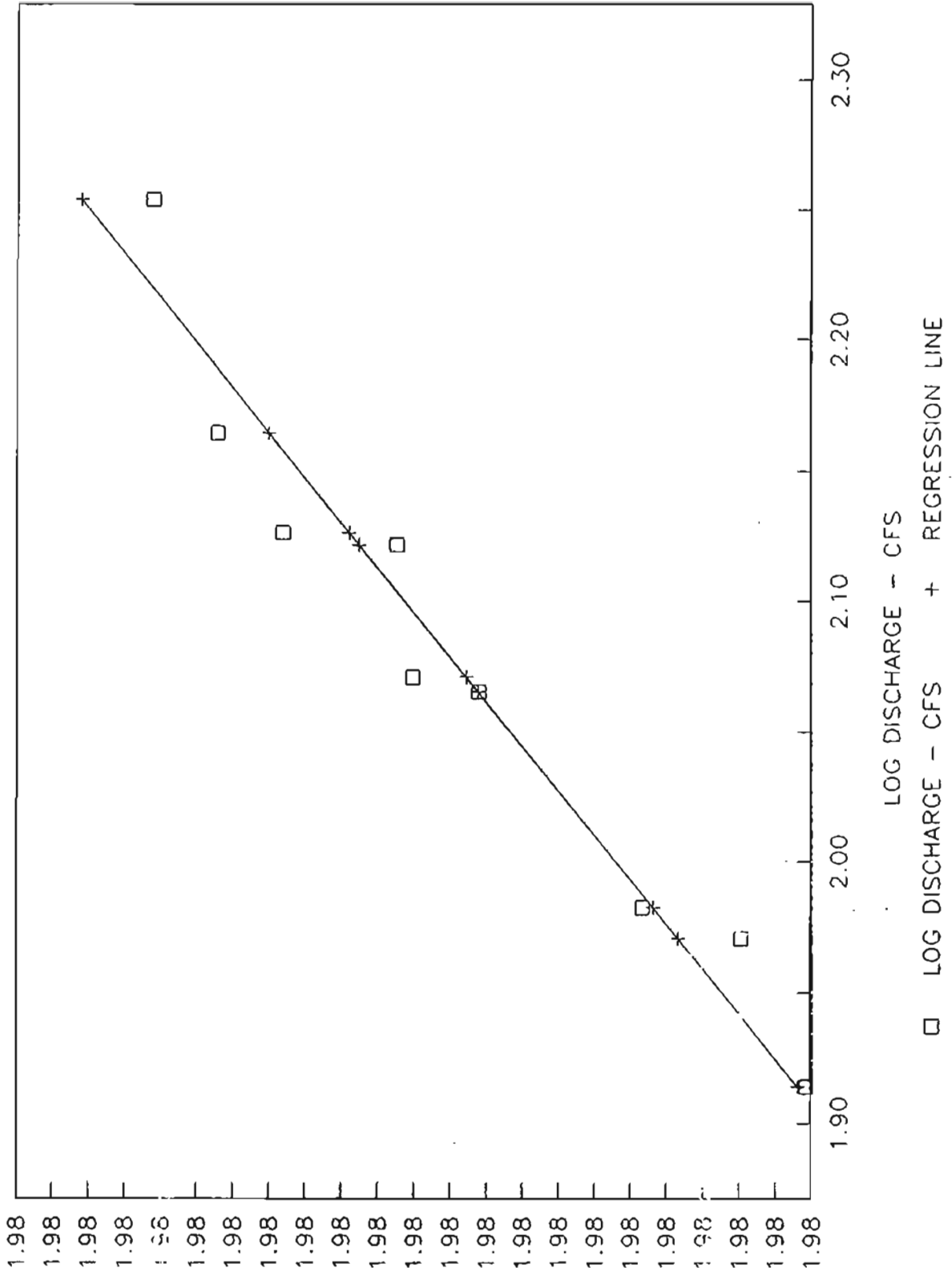
# STAGE DISCHARGE RELATION

FUNNY RIVER



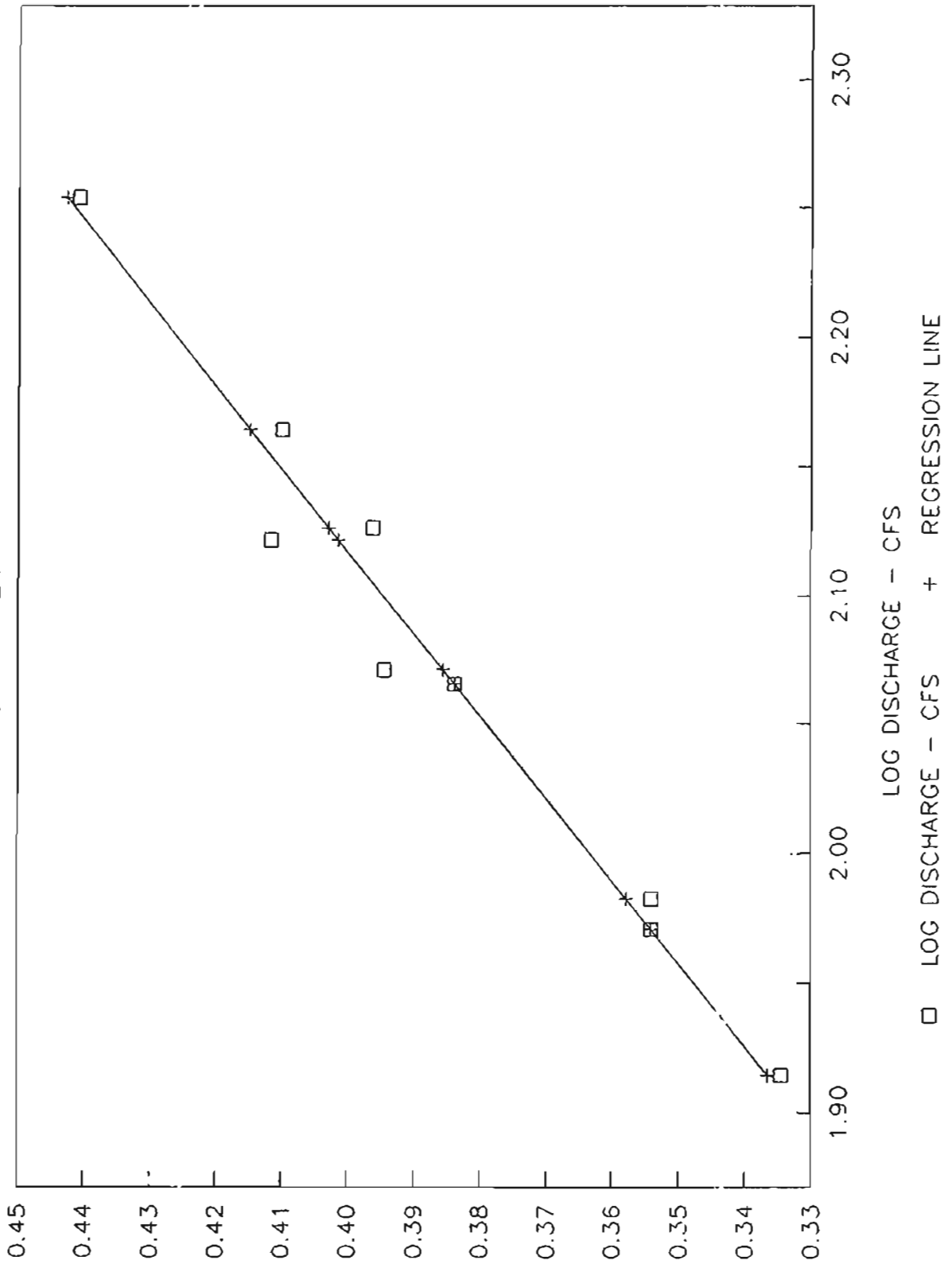
# LOG-LOG STAGE DISCHARGE RELATION

FUNNY RIVER



# LOG-LOG DSM DISCHARGE RELATION

FUNNY RIVER



LOG DSM

# LOWER SWANSON RIVER

## SUMMARY OF AVAILABLE DATA TO LAST DATE SHOWN BELOW

DATE	TIME	AVG DEPTH	AVG VELOC	TOT WIDTH	TOT AREA	D.S.M.	STAGE	DISCHARGE
22-Jul-87	1100	1.20	1.62	40.50	47.45	1.90	98.81	80.07
09-Oct-87	1745	1.40	2.18	43.00	60.85	2.24	99.20	142.10
13-Jul-88	1630	1.00	1.20	44.00	41.40	1.72	98.56	53.15
13-Oct-88	1830	1.79	2.42	49.50	87.05	2.66	99.58	229.41
10-May-89	1150	1.33	2.48	47.00	60.05	2.35	99.28	158.59
22-Jun-89	1715	1.07	1.43	41.00	42.70	1.83	98.69	65.56
28-Sep-89	1145	2.21	3.07	51.40	106.86	2.93	99.88	337.76
11-Oct-89	1130	1.63	3.02	50.00	78.72	2.62	99.52	245.52

### STAGE (X) VS D.S.M. (Y); A MEASURE OF INSTRUMENT RELIABILITY

Regression Output:

Constant	-90.47
Std Err. of Y Est	0.0306
R Squared	0.9958
No. of Observations	8
Degrees of Freedom	6
X Coefficient(s)	0.9351
Std Err. of Coef.	0.0247

# LOWER SWANSON RIVER

## SUMMARY OF LOG DATA AND REGRESSION RESULTS

---

### LOG DATA

DATE	LOG D.S.M.	LOG STAGE	LOG DISCHARGE
22-Jul-87	0.279	1.995	1.903
09-Oct-87	0.350	1.997	2.153
13-Jul-88	0.236	1.994	1.726
13-Oct-88	0.425	1.998	2.361
10-May-89	0.371	1.997	2.200
22-Jun-89	0.262	1.994	1.817
28-Sep-89	0.467	1.999	2.529
11-Oct-89	0.418	1.998	2.390

### REGRESSION CALCULATED VALUES

LOG STAGE	LOG D.S.M.
1.995	0.284
1.997	0.356
1.994	0.233
1.998	0.416
1.997	0.370
1.994	0.259
1.999	0.465
1.998	0.425

### LOG DCHARGE (X) VS LOG D.S.M. (Y)

#### *Regression Output:*

Constant	-0.266
Std Err of Y Est	0.0058
R Squared	0.9959
No. of Observations	8
Degrees of Freedom	6
X Coefficient(s)	0.2891
Std Err of Coef.	0.0075

### LOG DCHARGE (X) VS LOG STAGE (Y)

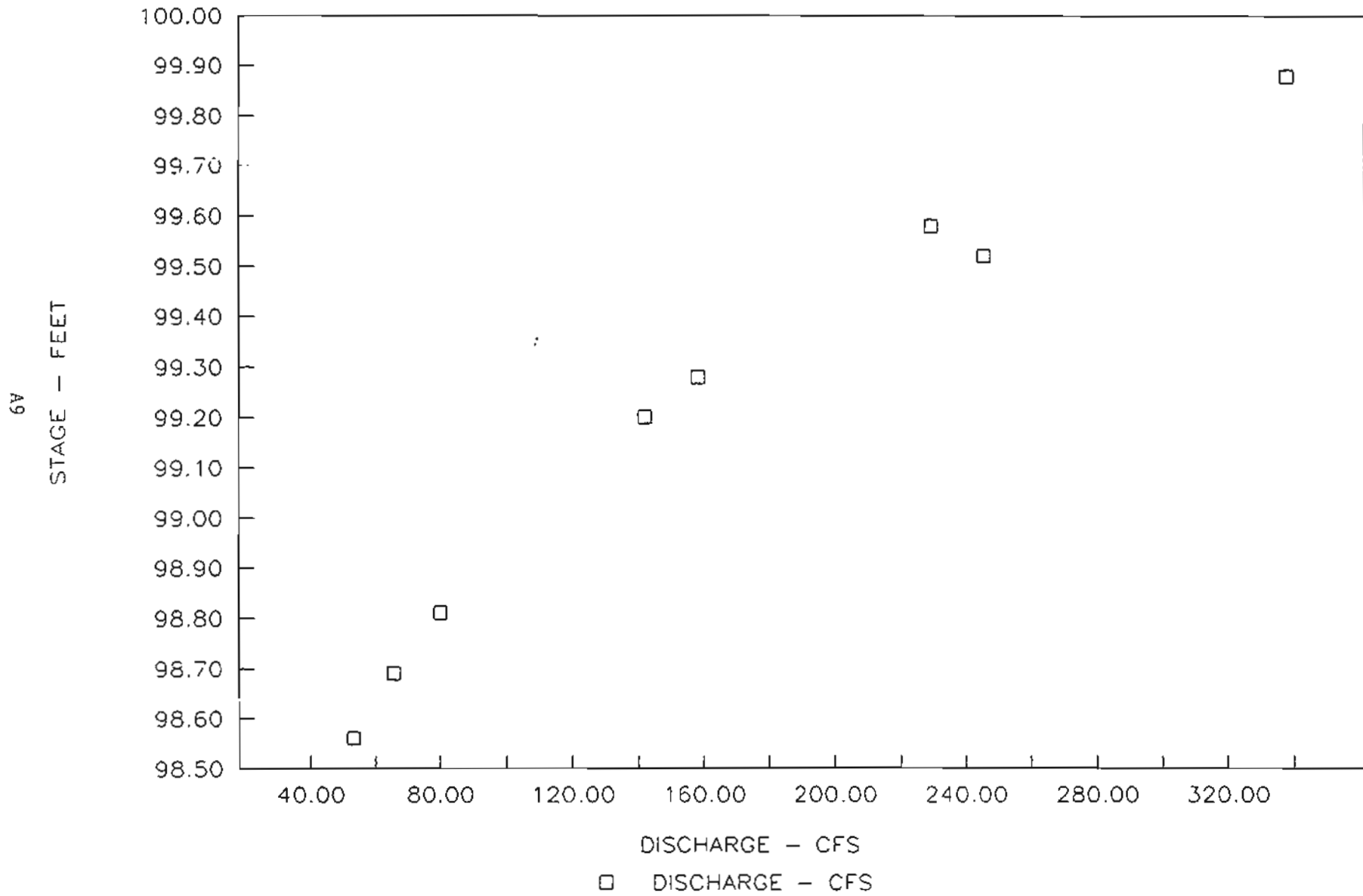
#### *Regression Output:*

Constant	1.9815
Std Err of Y Est	0.0001
R Squared	0.9924
No. of Observations	8
Degrees of Freedom	6
X Coefficient(s)	0.0069
Std Err of Coef.	0.0002



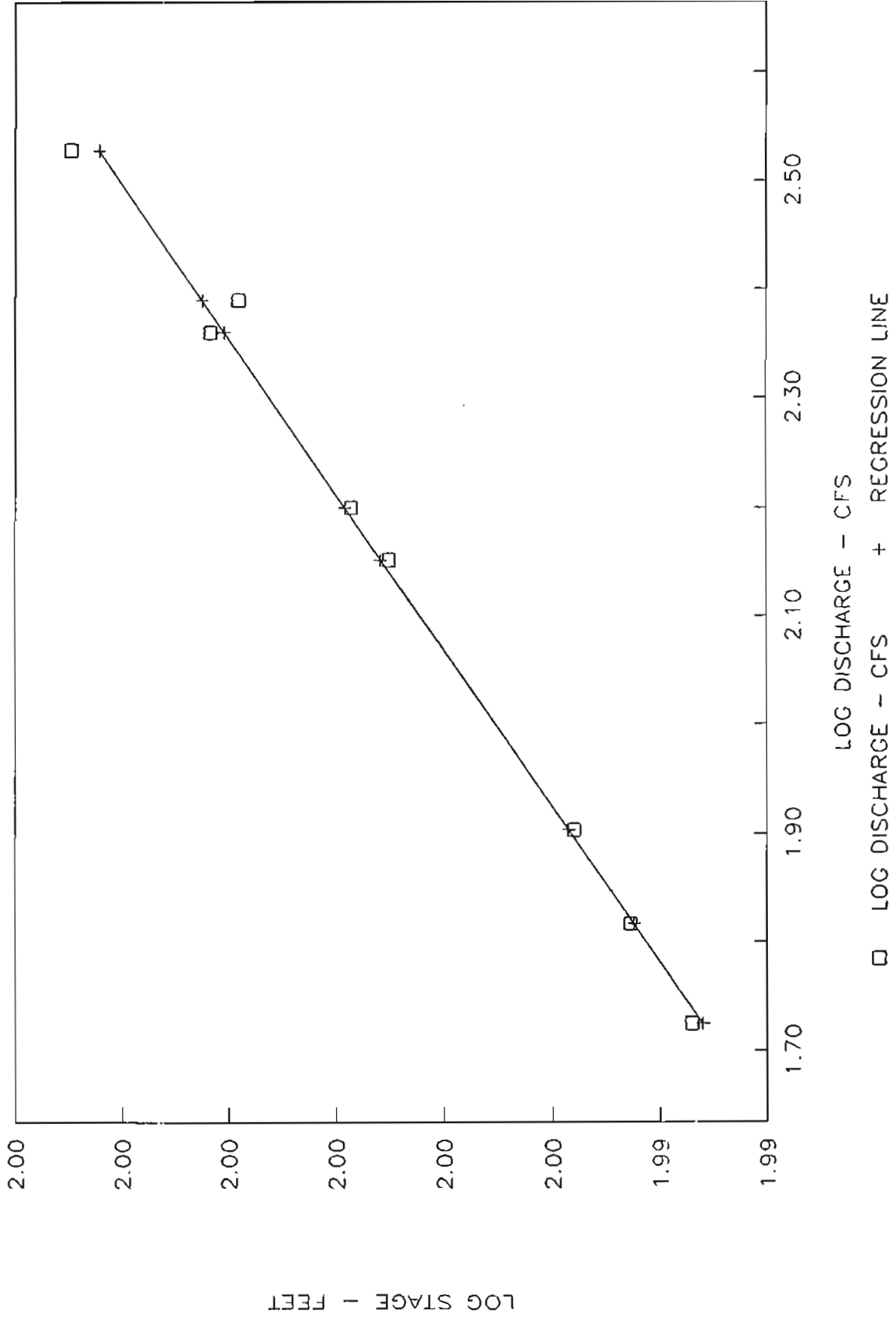
# STAGE DISCHARGE RELATION

LOWER SWANSON RIVER



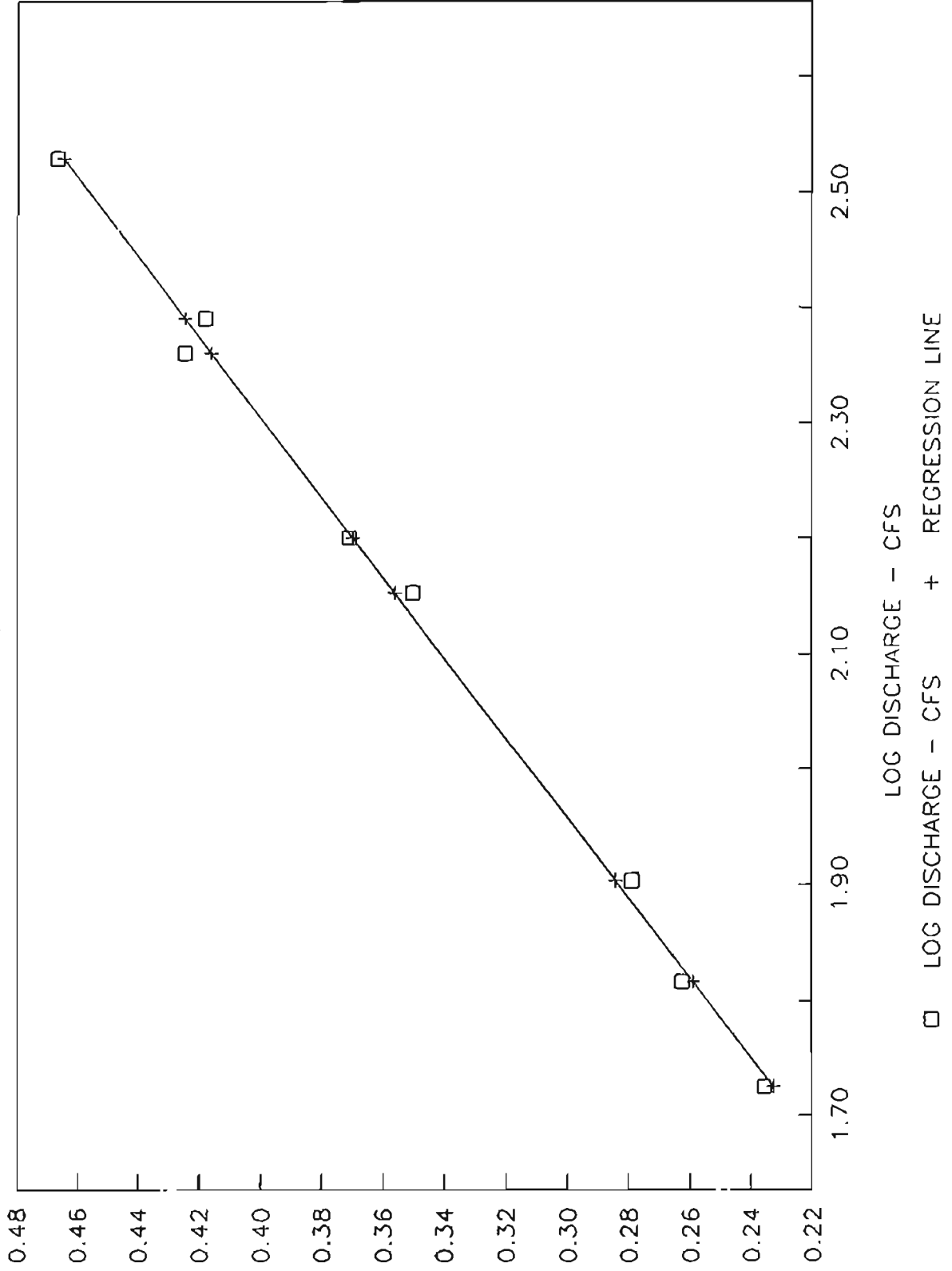
# LOG-LOG STAGE DISCHARGE RELATION

LOWER SWANSON RIVER



# LOG-LOG DSM DISCHARGE RELATION

LOWER SWANSON RIVER



# MOOSE RIVER

## SUMMARY OF AVAILABLE DATA TO LAST DATE SHOWN BELOW

DATE	TIME	AVG DEPTH	AVG VELOC	TOT WIDTH	TOT AREA	D.S.M.	STAGE	DISCHARGE
30-Apr-87	1300	1.53	2.24	36.70	56.10	3.15	96.30	132.76
24-Jul-87	1200	1.63	1.54	41.50	66.40	3.28	96.18	105.19
08-Oct-87	1335	1.89	1.95	35.60	67.05	3.46	96.20	140.67
14-Jul-88	1115	1.32	0.96	40.00	52.90	2.71	95.47	52.70
14-Oct-88	1415	2.63	1.91	37.70	99.25	3.50	96.33	201.14
11-May-89	1650	2.37	1.80	38.00	87.38	3.31	95.97	159.96
28-Sep-89	1645	2.84	2.09	38.00	105.90	3.78	96.60	229.83

### STAGE (X) VS D.S.M. (Y); A MEASURE OF INSTRUMENT RELIABILITY

*Regression Output:*

Constant	-77.65
Std Err of Y Est	0.1613
R Squared	0.8046
No. of Observations	7
Degrees of Freedom	5
X Coefficient(s)	0.8421
Std Err of Coef.	0.1855

# MOOSE RIVER

## SUMMARY OF LOG DATA AND REGRESSION RESULTS

---

### LOG DATA

DATE	LOG D.S.M.	LOG STAGE	LOG DISCHARGE
30-Apr-87	0.498	1.984	2.123
24-Jul-87	0.516	1.983	2.022
08-Oct-87	0.539	1.983	2.148
14-Jul-88	0.433	1.980	1.722
14-Oct-88	0.544	1.984	2.303
11-May-89	0.520	1.982	2.204
28-Sep-89	0.577	1.985	2.361

### REGRESSION CALCULATED VALUES

LOG STAGE	LOG D.S.M.
1.983	0.518
1.982	0.497
1.983	0.523
1.980	0.437
1.984	0.554
1.983	0.534
1.985	0.566

### LOG DCHARGE (X) VS LOG D.S.M. (Y)

#### *Regression Output:*

Constant	0.0901
Std Err of Y Est	0.0169
R Squared	0.8828
No. of Observations	7
Degrees of Freedom	5
X Coefficient(s)	0.2013
Std Err of Coef.	0.0328

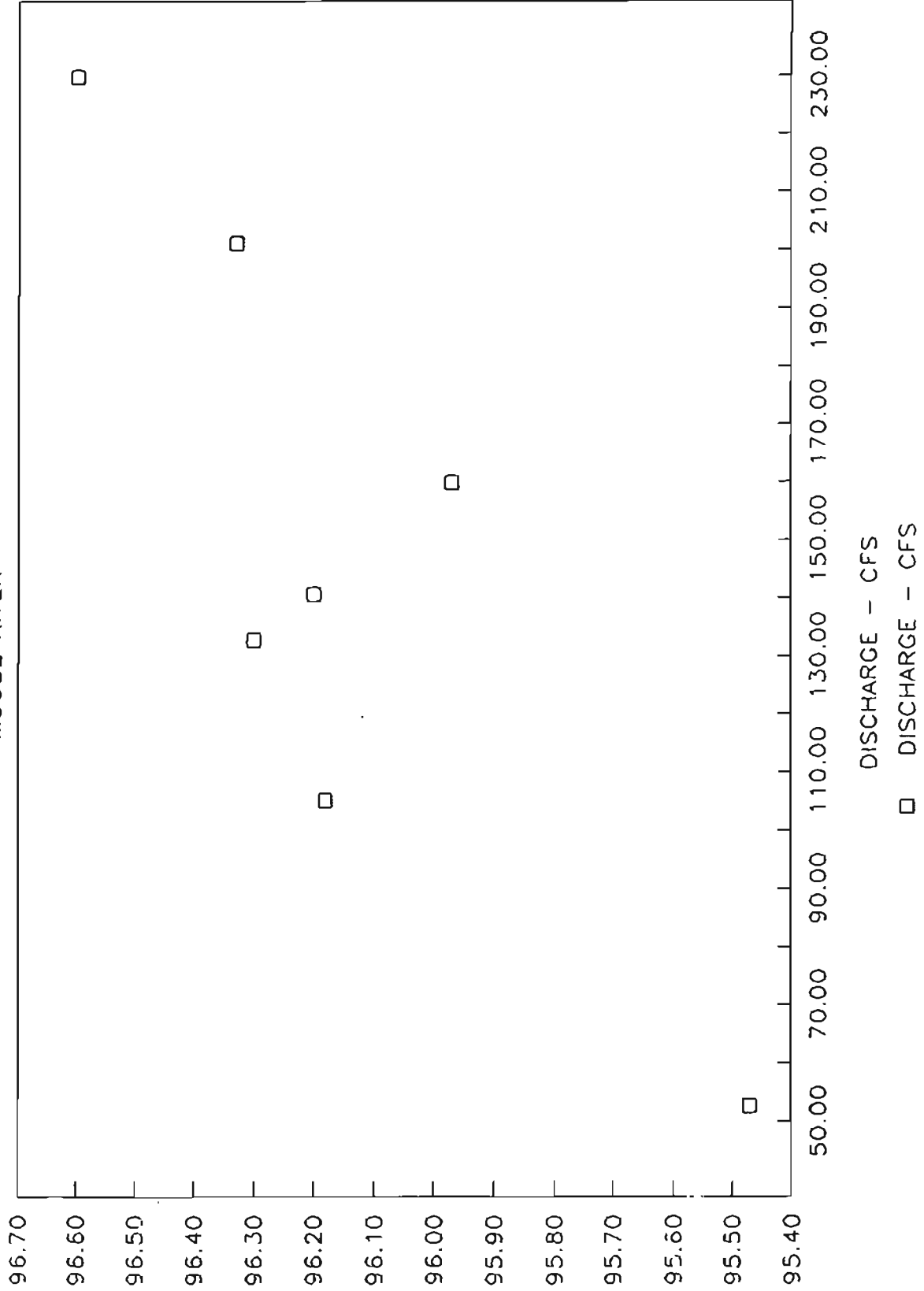
### LOG DCHARGE (X) VS LOG STAGE (Y)

#### *Regression Output:*

Constant	1.9687
Std Err of Y Est	0.0008
R Squared	0.7765
No. of Observations	7
Degrees of Freedom	5
X Coefficient(s)	0.0066
Std Err of Coef.	0.0016

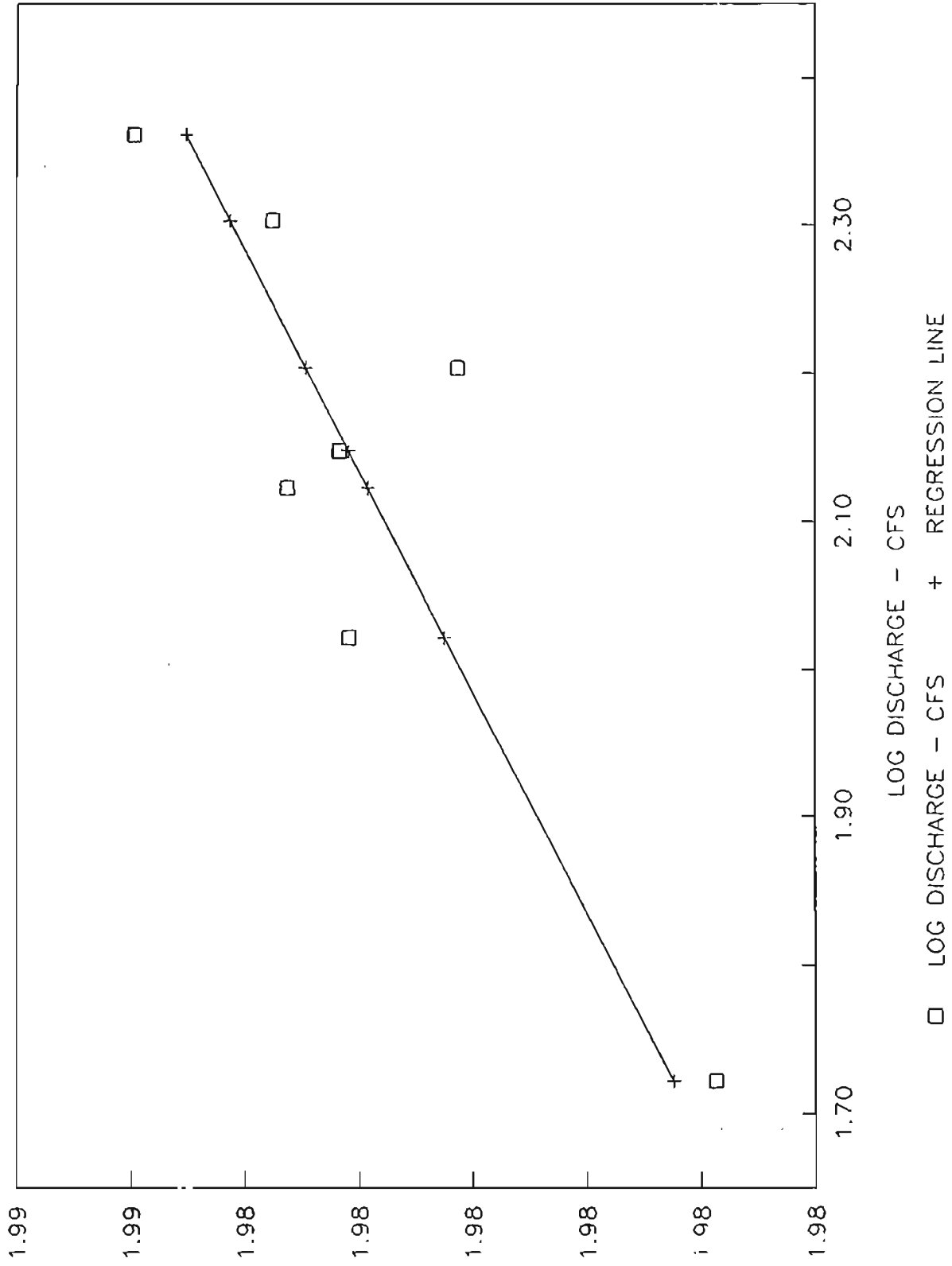
# STAGE DISCHARGE RELATION

MOOSE RIVER



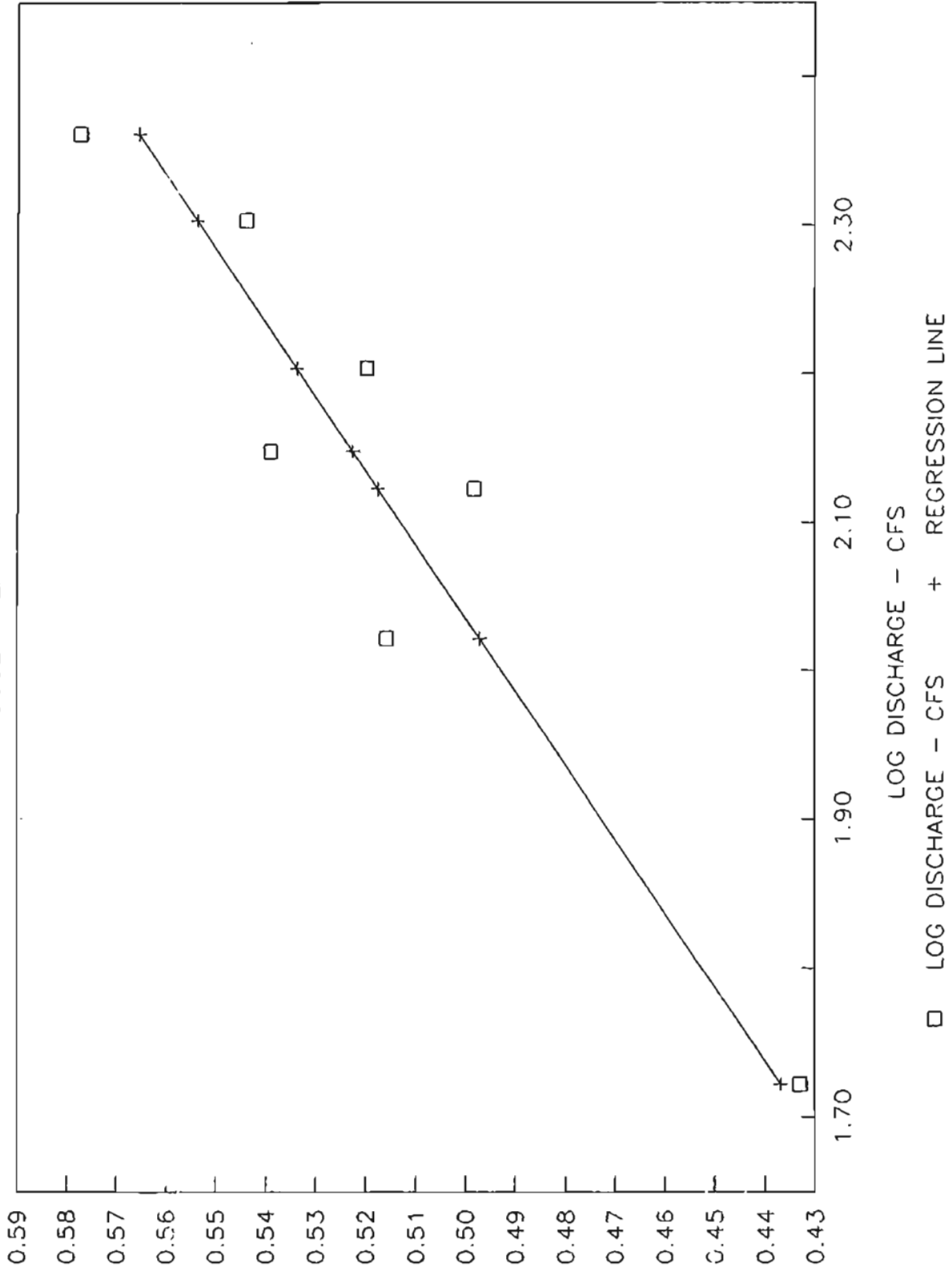
# LOG-LOG STAGE DISCHARGE RELATION

MOOSE RIVER



# LOG-LOG DSM DISCHARGE RELATION

MOOSE RIVER





# RUSSIAN RIVER

## SUMMARY OF AVAILABLE DATA TO LAST DATE SHOWN BELOW

DATE	TIME	AVG DEPTH	AVG VELOC	TOT WIDTH	TOT AREA	D.S.M.	STAGE	DISCHARGE
21-Jul-87	1610	2.50	1.25	99.00	252.30	2.94	97.88	318.16
07-Oct-87	1525	2.06	1.08	99.00	192.40	2.29	97.27	188.73
12-Jul-88	1523	2.41	1.31	99.00	239.70	2.80	97.75	312.32
12-Oct-88	1645	2.30	1.36	98.30	227.27	2.82	97.57	282.25
12-May-89	1315	2.25	1.34	99.50	223.87	2.52	97.46	283.65
26-Sep-89	1650	2.24	1.24	99.60	219.58	2.46	97.41	242.42

### STAGE (X) VS D.S.M. (Y); A MEASURE OF INSTRUMENT RELIABILITY

*Regression Output:*

Constant	-100.0
Std Err of Y Est	0.0926
R Squared	0.8916
No. of Observations	6
Degrees of Freedom	4
X Coefficient(s)	1.0530
Std Err of Coef	0.1835

# RUSSIAN RIVER

## SUMMARY OF LOG DATA AND REGRESSION RESULTS

---

### LOG DATA

<i>DATE</i>	<i>LOG D.S.M.</i>	<i>LOG STAGE</i>	<i>LOG DISCHARGE</i>
<i>21-Jul-87</i>	0.468	1.991	2.503
<i>07-Oct-87</i>	0.360	1.988	2.276
<i>12-Jul-88</i>	0.447	1.990	2.495
<i>12-Oct-88</i>	0.450	1.989	2.451
<i>12-May-89</i>	0.401	1.989	2.453
<i>26-Sep-89</i>	0.391	1.989	2.385

### REGRESSION CALCULATED VALUES

<i>LOG STAGE</i>	<i>LOG D.S.M.</i>
1.990	0.453
1.988	0.353
1.990	0.450
1.990	0.430
1.990	0.431
1.989	0.401

### LOG DCHARGE (X) VS LOG D.S.M. (Y)

*Regression Output:*

Constant	-0.657
Std Err of Y Est	0.0204
R Squared	0.8100
No. of Observations	6
Degrees of Freedom	4
X Coefficient(s)	0.4439
Std Err of Coef.	0.1074

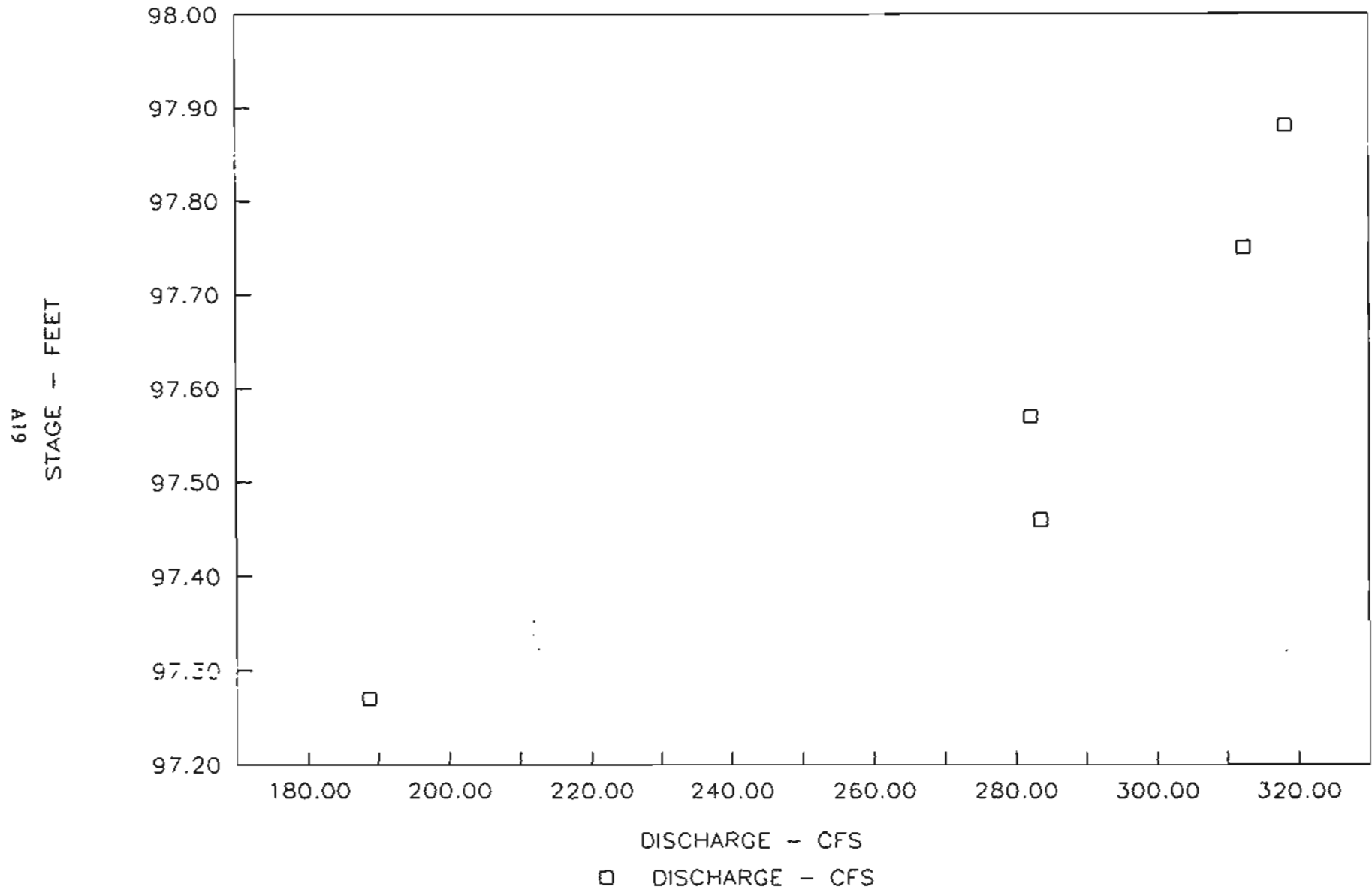
### LOG DCHARGE (X) VS LOG STAGE (Y)

*Regression Output:*

Constant	1.9638
Std Err of Y Est	0.0005
R Squared	0.7819
No. of Observations	6
Degrees of Freedom	4
X Coefficient(s)	0.0104
Std Err of Coef.	0.0027

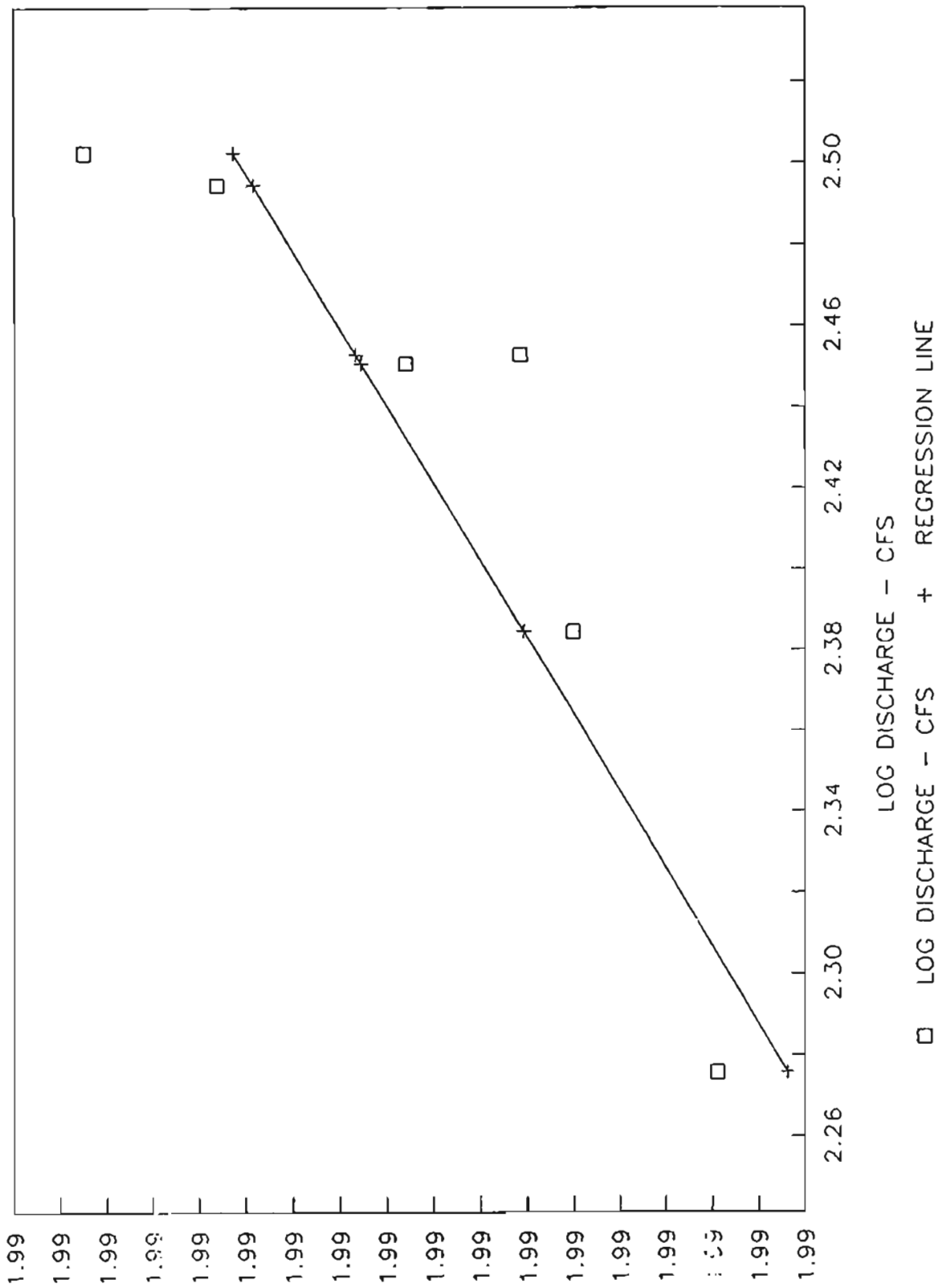
# STAGE DISCHARGE RELATION

RUSSIAN RIVER



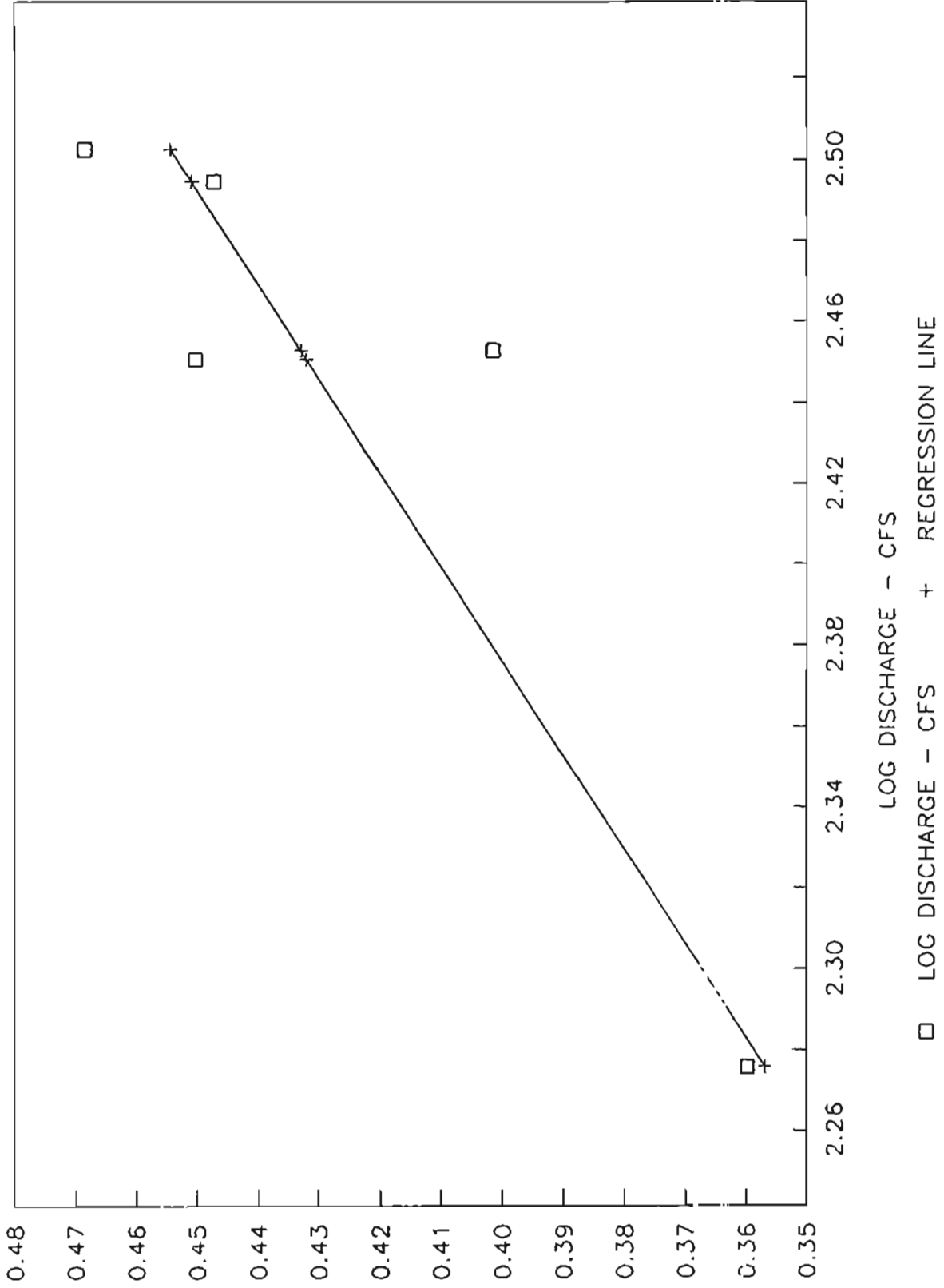
# LOG-LOG STAGE DISCHARGE RELATION

RUSSIAN RIVER



# LOG-LOG DSM DISCHARGE RELATION

RUSSIAN RIVER



LOG DSM

APPENDIX B

Listing of all Funny River Discharge Data

Funny River

Date	Time	Discharge	Date	Time	Discharge
19860123	13:00	139.06	19860224	13:00	153.60
19860124	13:00	142.60	19860225	04:30	155.49
19860125	04:30	144.39	19860225	13:00	157.39
19860125	06:00	157.39	19860226	04:30	155.49
19860125	13:00	157.39	19860226	07:30	161.25
19860126	12:30	159.31	19860226	13:00	157.39
19860126	13:00	144.39	19860227	13:00	165.17
19860127	13:00	142.60	19860228	13:00	161.25
19860128	13:00	149.87	19860301	13:00	165.17
19860129	13:00	144.39	19860302	13:00	155.49
19860130	13:00	140.82	19860303	13:00	151.73
19860131	12:30	137.31	19860304	13:00	153.60
19860131	13:00	144.39	19860305	13:00	153.60
19860201	13:00	137.31	19860306	13:00	151.73
19860202	13:00	133.86	19860307	13:00	148.03
19860203	04:30	137.31	19860308	13:00	151.73
19860203	06:30	144.39	19860309	04:30	149.87
19860203	13:00	146.20	19860309	13:00	146.20
19860204	12:30	142.60	19860310	04:30	144.39
19860204	13:00	140.82	19860310	13:00	142.60
19860205	04:30	144.39	19860310	20:30	144.39
19860205	13:00	151.73	19860310	23:30	139.06
19860206	13:00	144.39	19860311	13:00	139.06
19860207	13:00	137.31	19860312	12:30	140.82
19860208	13:00	132.15	19860312	13:00	135.57
19860209	13:00	135.57	19860313	12:30	137.31
19860210	12:30	132.15	19860313	13:00	132.15
19860210	13:00	128.79	19860314	13:00	133.86
19860211	04:30	130.47	19860315	13:00	132.15
19860211	07:30	135.57	19860316	13:00	132.15
19860211	13:00	135.57	19860317	04:30	135.57
19860212	04:30	139.06	19860317	12:30	139.06
19860212	13:00	140.82	19860317	13:00	132.15
19860213	13:00	142.60	19860318	13:00	137.31
19860214	13:00	142.60	19860319	13:00	139.06
19860215	13:00	144.39	19860320	13:00	137.31
19860216	13:00	146.20	19860321	13:00	137.31
19860217	13:00	148.03	19860322	13:00	133.86
19860218	13:00	144.39	19860323	13:00	135.57
19860219	13:00	157.39	19860324	04:30	132.15
19860220	12:30	153.60	19860324	06:30	139.06
19860220	13:00	148.03	19860324	13:00	135.57
19860221	04:30	149.87	19860325	13:00	133.86
19860221	13:00	153.60	19860326	04:30	137.31
19860222	13:00	153.60	19860326	13:00	139.06
19860223	13:00	155.49	19860327	13:00	139.06
19860224	04:30	159.31	19860328	13:00	140.82
19860224	12:30	161.25	19860329	13:00	144.39

Funny River

Date	Time	Discharge	Date	Time	Discharge
19860330	04:30	146.20	19860513	13:00	122.25
19860330	13:00	149.87	19860514	13:00	123.86
19860331	13:00	148.03	19860515	13:00	
19860401	13:00	142.60	19860516	13:00	
19860402	12:30	146.20	19860517	13:00	
19860402	13:00	139.06	19860518	13:00	
19860403	04:30	137.31	19860519	13:00	
19860403	13:00	137.31	19860520	13:00	
19860404	13:00	139.06	19860521	13:00	
19860405	12:30	142.60	19860523	12:00	
19860405	13:00	137.31	19860524	12:00	
19860406	13:00	149.87	19860525	12:00	
19860407	13:00	149.87	19860526	12:00	
19860408	13:00	148.03	19860527	12:00	
19860409	13:00	148.03	19860528	12:00	
19860410	13:00	140.82	19860529	12:00	
19860411	13:00	135.57	19860530	12:00	
19860412	13:00	133.86	19860531	12:00	
19860413	13:00	132.15	19860601	12:00	
19860414	13:00	128.79	19860602	12:00	
19860415	13:00	130.47	19860603	12:00	
19860416	13:00	132.15	19860604	12:00	
19860417	13:00	127.13	19860605	12:00	
19860418	13:00	128.79	19860606	12:00	
19860419	13:00	132.15	19860607	12:00	
19860420	13:00	132.15	19860608	12:00	
19860421	13:00	132.15	19860609	12:00	
19860422	13:00	132.15	19860610	12:00	
19860423	13:00	133.86	19860611	12:00	
19860424	13:00	130.47	19860612	12:00	
19860425	13:00	127.13	19860613	12:00	
19860426	13:00	130.47	19860614	12:00	
19860427	13:00	128.79	19860615	12:00	
19860428	13:00	130.47	19860616	12:00	
19860429	13:00	128.79	19860617	12:00	
19860430	13:00	127.13	19860618	12:00	
19860501	13:00	127.13	19860619	12:00	
19860502	13:00	127.13	19860620	12:00	
19860503	13:00	127.13	19860621	12:00	
19860504	13:00	127.13	19860622	12:00	
19860505	13:00	127.13	19860623	12:00	
19860506	13:00	125.49	19860624	12:00	
19860507	13:00	81.45	19860625	12:00	
19860508	13:00	69.90	19860626	12:00	
19860509	13:00	127.13	19860627	12:00	
19860510	13:00	130.47	19860628	12:00	
19860511	13:00	127.13	19860629	12:00	
19860512	13:00	123.86	19860630	12:00	



Funny River

Date	Time	Discharge	Date	Time	Discharge
19860701	12:00		19860729	03:37	76.69
19860702	12:00		19860729	08:37	80.24
19860703	12:00		19860729	12:37	75.53
19860704	12:00		19860729	16:07	73.24
19860705	12:00		19860729	17:07	72.12
19860706	12:00		19860729	23:07	66.67
19860707	12:00		19860730	04:07	69.90
19860708	12:00		19860730	08:37	74.38
19860709	12:00		19860730	10:07	68.81
19860710	12:00		19860730	14:37	66.67
19860711	12:00		19860730	17:07	65.62
19860712	12:00		19860730	20:37	61.52
19860713	12:00		19860731	06:07	63.54
19860714	12:00		19860731	08:37	65.62
19860715	12:00		19860731	17:07	60.52
19860716	12:00		19860801	03:37	58.56
19860717	12:00		19860801	06:07	61.52
19860718	12:00		19860801	17:07	59.53
19860719	12:00		19860802	07:07	61.52
19860720	12:00		19860802	13:07	60.52
19860721	12:00		19860802	17:07	59.53
19860722	12:00		19860803	07:37	61.52
19860723	12:00		19860803	17:07	60.52
19860723	17:07	52.94	19860803	22:37	55.70
19860724	10:49	77.86	19860804	03:07	56.64
19860724	13:49	82.67	19860804	07:07	61.52
19860724	17:07	80.24	19860804	12:07	58.56
19860724	22:07	75.53	19860804	17:07	57.59
19860725	07:37	77.86	19860805	17:07	56.64
19860725	16:07	73.24	19860806	05:07	58.56
19860725	17:07	73.24	19860806	17:07	58.56
19860726	00:37	67.74	19860807	00:37	54.77
19860726	07:37	73.24	19860807	04:37	60.52
19860726	15:37	75.53	19860807	09:07	58.56
19860726	17:07	79.04	19860807	15:37	56.64
19860726	23:07	87.69	19860807	17:07	56.64
19860727	03:37	96.96	19860808	15:07	54.77
19860727	08:37	101.13	19860808	17:07	55.70
19860727	15:37	96.96	19860809	03:07	58.56
19860727	17:07	91.59	19860809	17:07	59.53
19860727	23:37	81.45	19860810	06:37	60.52
19860728	05:37	88.98	19860810	08:37	62.53
19860728	08:37	90.27	19860810	11:37	60.52
19860728	12:37	85.16	19860810	17:07	58.56
19860728	16:07	82.67	19860811	02:07	61.52
19860728	17:07	80.24	19860811	05:07	64.58
19860728	21:07	74.38	19860811	11:07	68.81
19860729	00:37	71.00	19860811	17:07	66.67

Funny River

Date	Time	Discharge	Date	Time	Discharge
19860812	16:37	68.81	19860825	17:07	112.86
19860812	17:07	71.00	19860826	04:07	115.93
19860813	01:37	73.24	19860826	17:07	115.93
19860813	13:07	76.69	19860827	13:07	112.86
19860813	17:07	77.86	19860827	17:07	112.86
19860814	05:37	80.24	19860828	04:37	114.39
19860814	08:37	82.67	19860828	05:37	122.25
19860814	12:37	80.24	19860828	07:37	114.39
19860814	17:07	74.38	19860828	17:07	111.35
19860814	23:37	69.90	19860829	03:37	109.85
19860815	16:07	67.74	19860829	04:37	117.49
19860815	17:07	67.74	19860829	07:37	109.85
19860816	04:07	69.90	19860829	10:37	102.55
19860816	09:37	75.53	19860829	17:07	105.43
19860816	13:37	80.24	19860830	03:37	102.55
19860816	17:07	82.67	19860830	08:37	103.98
19860816	22:37	75.53	19860830	11:37	98.34
19860817	07:37	80.24	19860830	17:07	101.13
19860817	17:07	75.53	19860831	04:37	102.55
19860817	21:07	71.00	19860831	06:07	108.36
19860818	00:37	66.67	19860831	08:07	103.98
19860818	03:37	71.00	19860831	15:07	99.73
19860818	08:37	75.53	19860831	17:07	99.73
19860818	10:37	69.90	19860901	16:37	102.55
19860818	15:37	67.74	19860901	17:07	105.43
19860818	17:07	67.74	19860901	19:07	111.35
19860818	22:37	63.54	19860902	03:37	112.86
19860819	08:37	66.67	19860902	05:07	120.65
19860819	17:07	65.62	19860902	07:07	111.35
19860820	01:37	64.58	19860902	16:07	108.36
19860820	02:07	92.91	19860902	17:07	112.86
19860820	15:37	90.27	19860902	19:07	120.65
19860820	17:07	91.59	19860902	21:37	106.89
19860820	23:07	85.16	19860903	04:37	109.85
19860821	08:37	92.91	19860903	15:37	106.89
19860821	13:07	88.98	19860903	17:07	103.98
19860821	17:07	87.69	19860903	22:07	101.13
19860822	00:37	80.24	19860904	05:37	102.55
19860822	08:07	87.69	19860904	08:37	103.98
19860822	16:37	81.45	19860904	11:37	99.73
19860822	17:07	82.67	19860904	16:07	96.96
19860823	17:07	81.45	19860904	17:07	98.34
19860824	06:37	83.91	19860904	22:07	95.60
19860824	13:37	95.60	19860905	04:37	96.96
19860824	17:07	102.55	19860905	08:37	95.60
19860824	23:07	106.89	19860905	11:37	91.59
19860825	05:07	115.93	19860905	16:37	92.91
19860825	16:07	112.86	19860905	17:07	95.60

Funny River

Date	Time	Discharge	Date	Time	Discharge
19860905	23:07	94.25	19860916	14:07	79.04
19860906	08:37	92.91	19860916	17:07	79.04
19860906	11:37	88.98	19860916	23:37	81.45
19860906	17:07	87.69	19860917	05:37	92.91
19860907	05:07	90.27	19860917	12:07	105.43
19860907	08:37	88.98	19860917	17:07	112.86
19860907	13:07	83.91	19860918	04:07	119.06
19860907	17:07	85.16	19860918	13:37	115.93
19860908	06:07	86.42	19860918	17:07	114.39
19860908	14:07	90.27	19860919	06:07	114.39
19860908	17:07	94.25	19860919	16:37	105.43
19860909	17:07	95.60	19860919	17:07	106.89
19860910	00:37	90.27	19860919	23:07	103.98
19860910	08:07	96.96	19860920	17:07	102.55
19860910	15:37	92.91	19860920	21:07	109.85
19860910	17:07	91.59	19860921	00:37	123.86
19860911	00:37	86.42	19860921	03:37	137.31
19860911	06:07	88.98	19860921	06:07	151.73
19860911	08:37	92.91	19860921	10:37	169.15
19860911	12:07	90.27	19860921	14:37	171.17
19860911	16:37	87.69	19860921	17:07	181.50
19860911	17:07	91.59	19860921	19:37	175.25
19860911	21:07	85.16	19860921	22:37	165.17
19860912	06:07	87.69	19860922	04:07	165.17
19860912	08:37	88.98	19860922	04:37	185.75
19860912	11:37	85.16	19860922	05:37	167.15
19860912	17:07	86.42	19860922	07:07	155.49
19860912	18:07	91.59	19860922	14:37	146.20
19860912	18:37	99.73	19860922	17:07	151.73
19860912	19:07	85.16	19860922	22:07	146.20
19860913	08:37	85.16	19860923	10:37	148.03
19860913	14:37	81.45	19860923	17:07	161.25
19860913	17:07	82.67	19860924	00:07	173.20
19860914	05:37	82.67	19860924	08:37	177.32
19860914	08:37	85.16	19860924	11:07	171.17
19860914	10:37	80.24	19860924	13:07	173.20
19860914	14:37	81.45	19860924	16:07	157.39
19860914	17:07	82.67	19860924	17:07	165.17
19860915	05:37	85.16	19860924	21:07	153.60
19860915	06:37	95.60	19860925	04:07	146.20
19860915	07:37	85.16	19860925	13:07	142.60
19860915	10:37	79.04	19860925	16:37	133.86
19860915	16:07	79.04	19860925	17:07	135.57
19860915	17:07	80.24	19860925	22:37	130.47
19860916	00:07	75.53	19860926	08:37	128.79
19860916	05:07	79.04	19860926	11:37	123.86
19860916	06:37	85.16	19860926	17:07	115.93
19860916	10:07	79.04	19860927	00:37	108.36

Funny River

Date	Time	Discharge	Date	Time	Discharge
19860927	05:37	103.98	19861013	17:07	205.73
19860927	10:07	106.89	19861013	23:37	198.92
19860927	17:07	103.98	19861014	11:07	203.44
19860928	00:37	106.89	19861014	15:37	198.92
19860928	17:07	103.98	19861014	17:07	196.68
19860929	17:07	102.55	19861015	01:07	181.50
19860930	07:37	105.43	19861015	08:37	175.25
19860930	17:07	105.43	19861015	14:37	165.17
19861001	15:07	102.55	19861015	17:07	163.20
19861001	17:07	102.55	19861016	01:07	153.60
19861002	17:07	105.43	19861016	08:37	149.87
19861003	13:37	102.55	19861016	14:37	142.60
19861003	17:07	102.55	19861016	17:07	140.82
19861004	05:37	112.86	19861017	01:07	135.57
19861004	11:37	122.25	19861017	09:37	132.15
19861004	17:07	125.49	19861017	16:37	123.86
19861004	22:37	130.47	19861017	17:07	125.49
19861005	13:37	127.13	19861017	23:37	119.06
19861005	17:07	125.49	19861018	04:37	115.93
19861006	00:37	119.06	19861018	13:37	112.86
19861006	12:07	115.93	19861018	17:07	111.35
19861006	16:37	108.36	19861019	08:37	109.85
19861006	17:07	111.35	19861019	13:07	105.43
19861007	00:37	105.43	19861019	17:07	105.43
19861007	03:07	101.13	19861020	08:37	103.98
19861007	05:37	96.96	19861020	16:07	101.13
19861007	09:07	101.13	19861020	17:07	99.73
19861007	13:37	108.36	19861021	17:07	96.96
19861007	16:37	98.34	19861022	08:07	99.73
19861007	17:07	98.34	19861022	17:07	99.73
19861008	17:07	98.34	19861023	12:37	96.96
19861009	14:07	95.60	19861023	17:07	95.60
19861009	17:07	94.25	19861023	23:37	92.91
19861010	17:07	92.91	19861024	02:37	82.67
19861010	21:37	101.13	19861024	05:07	75.53
19861011	00:07	114.39	19861024	08:07	85.16
19861011	03:07	128.79	19861024	12:07	96.96
19861011	05:07	142.60	19861024	15:07	101.13
19861011	07:37	157.39	19861024	17:07	92.91
19861011	12:37	175.25	19861024	20:37	85.16
19861011	17:07	183.62	19861024	23:07	75.53
19861011	23:37	203.44	19861025	02:07	72.12
19861012	03:37	222.26	19861025	05:37	67.74
19861012	08:37	242.23	19861025	08:11	91.59
19861012	17:07	244.81	19861025	10:11	99.73
19861013	00:07	237.13	19861025	14:34	87.69
19861013	07:37	227.14	19861025	15:34	87.69
19861013	13:37	212.71	19861025	17:34	79.04

Funny River

Date	Time	Discharge	Date	Time	Discharge
19861025	23:34	69.90	19861102	11:34	65.62
19861026	05:34	74.38	19861102	12:34	73.24
19861026	08:34	71.00	19861102	15:34	81.45
19861026	11:34	80.24	19861102	20:34	87.69
19861026	15:34	71.00	19861103	00:34	90.27
19861026	23:34	66.67	19861103	01:34	94.25
19861027	06:34	61.52	19861103	02:34	132.15
19861027	08:34	61.52	19861103	03:34	108.36
19861027	09:34	67.74	19861103	15:34	112.86
19861027	12:34	74.38	19861103	22:34	101.13
19861027	15:34	72.12	19861104	04:34	101.13
19861027	17:34	62.53	19861104	06:34	109.85
19861027	19:34	53.85	19861104	08:34	108.36
19861027	23:34	49.40	19861104	09:34	122.25
19861028	07:34	54.77	19861104	10:34	161.25
19861028	08:34	58.56	19861104	12:34	179.40
19861028	09:34	112.86	19861104	15:34	167.15
19861028	10:34	63.54	19861104	19:34	151.73
19861028	11:34	74.38	19861105	08:34	140.82
19861028	13:34	85.16	19861105	15:34	133.86
19861028	14:34	73.24	19861105	20:34	125.49
19861028	15:34	71.00	19861106	03:34	115.93
19861028	18:34	61.52	19861106	06:34	128.79
19861028	21:34	52.94	19861106	10:34	137.31
19861029	01:34	46.86	19861106	15:34	140.82
19861029	04:34	52.04	19861106	21:34	135.57
19861029	09:34	52.94	19861107	03:34	122.25
19861029	10:34	64.58	19861107	15:34	125.49
19861029	12:34	72.12	19861108	03:34	115.93
19861029	15:34	75.53	19861108	07:34	109.85
19861029	20:34	66.67	19861108	11:34	101.13
19861030	02:34	61.52	19861108	14:34	102.55
19861030	06:34	65.62	19861108	15:34	95.60
19861030	10:34	67.74	19861109	08:34	91.59
19861030	14:34	77.86	19861109	15:34	90.27
19861030	15:34	82.67	19861109	21:34	101.13
19861031	02:34	92.91	19861110	09:34	108.36
19861031	05:34	94.25	19861110	15:34	102.55
19861031	06:34	85.16	19861111	07:34	98.34
19861031	07:34	81.45	19861111	15:34	103.98
19861031	08:34	66.67	19861112	02:34	112.86
19861031	15:34	67.74	19861112	15:34	109.85
19861101	00:34	74.38	19861113	07:34	102.55
19861101	06:34	73.24	19861113	13:34	99.73
19861101	08:34	63.54	19861113	15:34	99.73
19861101	15:34	54.77	19861114	05:34	105.43
19861102	03:34	53.85	19861114	07:34	94.25
19861102	08:34	62.53	19861114	13:34	92.91

Funny River

Date	Time	Discharge	Date	Time	Discharge
19861114	15:34	83.91	19861126	03:34	111.35
19861114	21:34	77.86	19861126	06:34	114.39
19861114	23:34	86.42	19861126	07:34	101.13
19861115	01:34	96.96	19861126	09:34	108.36
19861115	06:34	109.85	19861126	14:34	95.60
19861115	15:34	108.36	19861126	15:34	88.98
19861115	21:34	105.43	19861126	21:34	79.04
19861116	04:34	95.60	19861127	05:34	73.24
19861116	15:34	94.25	19861127	12:34	71.00
19861117	08:34	88.98	19861127	15:34	69.90
19861117	15:34	86.42	19861128	01:34	65.62
19861118	01:34	81.45	19861128	12:34	71.00
19861118	07:34	73.24	19861128	14:34	81.45
19861118	13:34	82.67	19861128	15:34	77.86
19861118	15:34	81.45	19861128	20:34	86.42
19861118	21:34	85.16	19861129	15:34	87.69
19861119	04:34	94.25	19861130	07:34	88.98
19861119	08:34	105.43	19861130	15:34	90.27
19861119	14:34	98.34	19861201	01:34	88.98
19861119	15:34	102.55	19861201	06:34	81.45
19861119	19:34	115.93	19861201	10:34	81.45
19861119	21:34	130.47	19861201	14:34	73.24
19861119	23:34	144.39	19861201	15:34	74.38
19861120	02:34	159.31	19861201	21:34	82.67
19861120	04:34	171.17	19861202	06:34	88.98
19861120	10:34	190.07	19861202	13:34	83.91
19861120	15:34	203.44	19861202	15:34	86.42
19861120	22:34	224.69	19861202	22:34	85.16
19861121	09:34	244.81	19861203	15:34	85.16
19861121	15:34	250.03	19861203	23:34	80.24
19861121	22:34	260.69	19861204	15:34	82.67
19861122	15:34	258.00	19861205	05:34	92.91
19861122	23:34	244.81	19861205	11:34	85.16
19861123	05:34	252.67	19861205	15:34	86.42
19861123	14:34	242.23	19861206	00:34	94.25
19861123	15:34	237.13	19861206	15:34	94.25
19861123	23:34	219.84	19861207	05:34	95.60
19861124	12:34	227.14	19861207	10:34	90.27
19861124	13:34	192.26	19861207	15:34	80.24
19861124	14:34	165.17	19861207	23:34	74.38
19861124	15:34	161.25	19861208	06:34	81.45
19861124	21:34	151.73	19861208	11:34	86.42
19861125	05:34	140.82	19861208	14:34	91.59
19861125	11:34	133.86	19861208	15:34	86.42
19861125	15:34	128.79	19861208	19:34	96.96
19861125	21:34	122.25	19861208	22:34	102.55
19861125	22:34	120.65	19861208	23:34	90.27
19861125	23:34	105.43	19861209	00:34	103.98

Funny River

Date	Time	Discharge	Date	Time	Discharge
19861209	06:34	111.35	19861225	15:34	81.45
19861209	15:34	112.86	19861226	05:34	85.16
19861209	22:34	119.06	19861226	11:34	87.69
19861210	11:34	120.65	19861226	15:34	88.98
19861210	15:34	122.25	19861227	15:34	88.98
19861210	23:34	127.13	19861228	01:34	91.59
19861211	03:34	139.06	19861228	15:34	92.91
19861211	05:34	155.49	19861229	03:34	102.55
19861211	07:34	173.20	19861229	15:34	101.13
19861211	14:34	192.26	19861230	11:34	109.85
19861211	15:34	194.46	19861230	15:34	108.36
19861211	22:34	212.71	19861231	15:34	109.85
19861212	13:34	208.04	19870101	13:34	106.89
19861212	15:34	205.73	19870101	15:34	106.89
19861213	03:34	212.71	19870102	15:34	106.89
19861213	13:34	201.17	19870102	22:34	111.35
19861213	15:34	205.73	19870103	11:34	109.85
19861214	04:34	192.26	19870103	15:34	105.43
19861214	15:34	194.46	19870103	22:34	99.73
19861215	02:34	190.07	19870104	05:34	111.35
19861215	10:34	173.20	19870104	15:34	106.89
19861215	15:34	161.25	19870105	01:34	111.35
19861216	05:34	167.15	19870105	14:34	117.49
19861216	14:34	177.32	19870105	15:34	115.93
19861216	15:34	175.25	19870106	13:34	122.25
19861217	07:34	181.50	19870106	15:34	122.25
19861217	15:34	173.20	19870106	22:34	115.93
19861218	04:34	183.62	19870107	06:34	128.79
19861218	13:34	192.26	19870107	15:34	128.79
19861218	15:34	190.07	19870108	01:34	125.49
19861219	09:34	183.62	19870108	10:34	127.13
19861219	15:34	177.32	19870108	14:34	135.57
19861219	20:34	159.31	19870108	15:34	132.15
19861220	06:34	155.49	19870109	09:34	133.86
19861220	15:34	148.03	19870109	12:34	142.60
19861221	08:34	144.39	19870109	15:34	140.82
19861221	15:34	139.06	19870110	05:34	137.31
19861222	06:34	135.57	19870110	15:34	133.86
19861222	15:34	127.13	19870111	12:34	130.47
19861222	19:34	125.49	19870111	15:34	123.86
19861222	21:34	111.35	19870111	19:34	109.85
19861223	04:34	105.43	19870111	20:34	103.98
19861223	12:34	102.55	19870111	21:34	95.60
19861223	15:34	99.73	19870111	23:34	83.91
19861224	00:34	90.27	19870112	00:34	114.39
19861224	13:34	85.16	19870112	06:34	125.49
19861224	15:34	83.91	19870112	13:34	111.35
19861225	11:34	81.45	19870112	15:34	109.85

Funny River

Date	Time	Discharge	Date	Time	Discharge
19870113	03:34	101.13	19870128	12:00	227.14
19870113	06:34	112.86	19870128	24:00	208.04
19870113	12:34	99.73	19870129	12:00	205.73
19870113	13:34	95.60	19870130	05:00	194.46
19870113	14:34	83.91	19870130	12:00	190.07
19870113	15:34	68.81	19870131	03:00	185.75
19870113	16:34	73.24	19870131	12:00	181.50
19870113	17:34	98.34	19870201	08:00	177.32
19870113	22:34	94.25	19870201	12:00	175.25
19870113	23:34	81.45	19870201	24:00	169.15
19870114	00:34	96.96	19870202	12:00	171.17
19870114	06:34	105.43	19870203	03:00	159.31
19870114	14:34	103.98	19870203	12:00	159.31
19870114	15:34	101.13	19870203	22:00	153.60
19870115	13:34	99.73	19870204	05:00	157.39
19870115	15:34	96.96	19870204	12:00	161.25
19870115	22:34	99.73	19870205	07:00	146.20
19870116	02:34	102.55	19870205	12:00	142.60
19870116	06:34	111.35	19870205	24:00	139.06
19870116	08:34	105.43	19870206	03:00	135.57
19870116	11:34	99.73	19870206	08:00	144.39
19870116	15:34	102.55	19870206	12:00	142.60
19870117	01:34	103.98	19870206	18:00	144.39
19870117	15:34	108.36	19870206	22:00	132.15
19870118	07:34	111.35	19870207	12:00	137.31
19870118	15:34	119.06	19870208	12:00	135.57
19870119	03:34	114.39	19870209	12:00	135.57
19870119	15:34	120.65	19870210	02:00	132.15
19870120	06:34	125.49	19870210	12:00	130.47
19870120	15:34	122.25	19870210	20:00	135.57
19870121	05:34	125.49	19870211	05:00	149.87
19870121	15:34	123.86	19870211	12:00	159.31
19870122	08:34	127.13	19870211	15:00	146.20
19870122	15:34	128.79	19870211	19:00	132.15
19870123	02:34	135.57	19870212	02:00	128.79
19870123	12:00	177.32	19870212	09:00	123.86
19870124	07:00	183.62	19870212	12:00	122.25
19870124	12:00	190.07	19870212	15:00	133.86
19870124	23:00	210.37	19870212	17:00	140.82
19870125	08:00	232.10	19870212	20:00	130.47
19870125	12:00	237.13	19870213	04:00	146.20
19870126	10:00	255.32	19870213	12:00	159.31
19870126	12:00	258.00	19870213	16:00	149.87
19870127	02:00	263.41	19870213	19:00	135.57
19870127	08:00	282.95	19870214	03:00	148.03
19870127	12:00	280.10	19870214	08:00	165.17
19870128	02:00	260.69	19870214	12:00	175.25
19870128	10:00	247.41	19870214	15:00	183.62



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Date	Time	Discharge	Date	Time	Discharge
19870214	16:00	167.15	19870302	18:00	232.10
19870214	22:00	159.31	19870302	23:00	217.45
19870215	02:00	167.15	19870303	04:00	232.10
19870215	04:00	183.62	19870303	12:00	250.03
19870215	09:00	196.68	19870303	19:00	247.41
19870215	11:00	185.75	19870304	03:00	247.41
19870215	12:00	175.25	19870304	08:00	271.67
19870216	12:00	173.20	19870304	12:00	291.62
19870217	12:00	173.20	19870304	24:00	303.47
19870217	19:00	179.40	19870305	01:00	331.32
19870218	12:00	175.25	19870305	03:00	350.83
19870219	12:00	173.20	19870305	04:00	374.57
19870220	12:00	175.25	19870305	05:00	395.79
19870221	02:00	181.50	19870305	06:00	417.81
19870221	12:00	177.32	19870305	09:00	448.46
19870221	21:00	185.75	19870305	12:00	464.36
19870222	12:00	185.75	19870305	18:00	448.46
19870223	03:00	183.62	19870305	23:00	432.95
19870223	12:00	187.91	19870306	04:00	456.36
19870223	20:00	196.68	19870306	11:00	480.63
19870224	12:00	212.71	19870306	12:00	472.45
19870224	17:00	205.73	19870306	18:00	452.40
19870225	12:00	205.73	19870306	23:00	425.33
19870225	21:00	187.91	19870307	11:00	421.56
19870226	02:00	171.17	19870307	12:00	414.08
19870226	05:00	155.49	19870307	18:00	403.04
19870226	07:00	142.60	19870307	24:00	381.56
19870226	12:00	135.57	19870308	12:00	378.05
19870226	16:00	149.87	19870309	01:00	347.52
19870226	21:00	165.17	19870309	08:00	357.50
19870227	07:00	183.62	19870309	12:00	350.83
19870227	12:00	175.25	19870309	21:00	321.85
19870227	17:00	181.50	19870310	07:00	324.98
19870227	18:00	192.26	19870310	12:00	331.32
19870227	21:00	210.37	19870310	13:00	334.52
19870228	01:00	196.68	19870310	14:00	374.57
19870228	08:00	205.73	19870310	17:00	374.57
19870228	12:00	203.44	19870310	19:00	347.52
19870228	19:00	201.17	19870311	01:00	318.73
19870228	21:00	183.62	19870311	08:00	337.74
19870301	03:00	179.40	19870311	11:00	357.50
19870301	09:00	198.92	19870311	12:00	350.83
19870301	12:00	205.73	19870311	14:00	371.12
19870301	18:00	219.84	19870311	18:00	392.20
19870301	22:00	198.92	19870311	23:00	367.68
19870302	03:00	201.17	19870312	03:00	347.52
19870302	09:00	222.26	19870312	11:00	360.87
19870302	12:00	224.69	19870312	12:00	354.16

# Funny River

Date	Time	Discharge	Date	Time	Discharge
19870312	16:00	367.68	19870323	03:00	452.40
19870312	19:00	388.63	19870323	09:00	460.35
19870312	24:00	360.87	19870323	12:00	480.63
19870313	07:00	347.52	19870323	23:00	472.45
19870313	12:00	354.16	19870324	07:00	456.36
19870313	18:00	371.12	19870324	12:00	480.63
19870313	22:00	340.98	19870324	17:00	501.52
19870314	03:00	331.32	19870325	05:00	497.29
19870314	09:00	347.52	19870325	09:00	472.45
19870314	12:00	354.16	19870325	12:00	497.29
19870315	01:00	324.98	19870325	13:00	540.67
19870315	11:00	318.73	19870325	14:00	586.59
19870315	12:00	315.64	19870325	15:00	523.02
19870316	02:00	309.51	19870325	20:00	488.91
19870316	12:00	285.82	19870326	04:00	452.40
19870316	16:00	303.47	19870326	09:00	429.13
19870316	23:00	280.10	19870326	12:00	436.79
19870317	03:00	263.41	19870326	13:00	488.91
19870317	11:00	258.00	19870327	01:00	484.76
19870317	12:00	252.67	19870327	05:00	456.36
19870317	18:00	271.67	19870327	06:00	436.79
19870318	01:00	250.03	19870327	09:00	410.38
19870318	10:00	244.81	19870327	10:00	436.79
19870318	12:00	237.13	19870327	11:00	464.36
19870318	18:00	252.67	19870327	12:00	480.63
19870318	24:00	239.67	19870327	13:00	488.91
19870319	09:00	232.10	19870327	14:00	527.40
19870319	12:00	227.14	19870327	16:00	540.67
19870319	16:00	244.81	19870327	18:00	505.77
19870319	23:00	222.26	19870327	22:00	480.63
19870320	11:00	224.69	19870328	02:00	476.53
19870320	12:00	234.60	19870328	06:00	444.55
19870320	24:00	255.32	19870328	10:00	425.33
19870321	10:00	260.69	19870328	12:00	436.79
19870321	12:00	266.14	19870328	13:00	452.40
19870321	15:00	280.10	19870328	14:00	476.53
19870321	16:00	294.55	19870328	15:00	523.02
19870321	17:00	312.56	19870328	18:00	484.76
19870321	18:00	334.52	19870328	23:00	510.05
19870321	21:00	360.87	19870329	03:00	505.77
19870322	03:00	350.83	19870329	08:00	476.53
19870322	06:00	321.85	19870329	12:00	514.35
19870322	09:00	321.85	19870329	15:00	510.05
19870322	10:00	344.24	19870329	17:00	536.22
19870322	12:00	374.57	19870329	20:00	514.35
19870322	13:00	403.04	19870329	24:00	554.18
19870322	15:00	436.79	19870330	09:00	554.18
19870322	19:00	460.35	19870330	10:00	586.59

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Date	Time	Discharge	Date	Time	Discharge
19870330	12:00	605.68	19870406	04:00	354.16
19870330	15:00	640.11	19870406	06:00	371.12
19870330	18:00	596.08	19870406	09:00	399.40
19870330	22:00	605.68	19870406	12:00	392.20
19870331	01:00	563.31	19870406	13:00	381.56
19870331	07:00	531.80	19870406	14:00	350.83
19870331	11:00	558.73	19870406	15:00	414.08
19870331	12:00	591.32	19870406	16:00	360.87
19870331	14:00	630.14	19870406	17:00	324.98
19870331	18:00	586.59	19870406	19:00	309.51
19870331	21:00	620.28	19870406	22:00	288.71
19870331	23:00	655.27	19870407	06:00	294.55
19870401	02:00	615.39	19870407	11:00	306.48
19870401	08:00	630.14	19870407	12:00	315.64
19870401	11:00	665.51	19870407	13:00	527.40
19870401	12:00	635.11	19870407	14:00	596.08
19870401	15:00	596.08	19870407	15:00	723.82
19870401	17:00	563.31	19870407	16:00	334.52
19870401	20:00	531.80	19870407	17:00	260.69
19870402	01:00	514.35	19870407	19:00	237.13
19870402	07:00	497.29	19870407	22:00	219.84
19870402	11:00	493.09	19870408	02:00	198.92
19870402	12:00	480.63	19870408	10:00	217.45
19870402	16:00	493.09	19870408	12:00	227.14
19870402	17:00	452.40	19870408	14:00	234.60
19870402	21:00	436.79	19870408	15:00	210.37
19870403	01:00	444.55	19870408	16:00	190.07
19870403	07:00	417.81	19870408	21:00	173.20
19870403	12:00	399.40	19870409	02:00	155.49
19870403	16:00	381.56	19870409	09:00	167.15
19870403	18:00	360.87	19870409	11:00	177.32
19870403	22:00	367.68	19870409	12:00	165.17
19870404	03:00	395.79	19870409	14:00	167.15
19870404	10:00	395.79	19870409	16:00	155.49
19870404	12:00	414.08	19870409	18:00	149.87
19870404	13:00	410.38	19870409	19:00	171.17
19870404	14:00	378.05	19870410	01:00	165.17
19870404	15:00	354.16	19870410	09:00	159.31
19870404	18:00	337.74	19870410	11:00	159.31
19870404	19:00	309.51	19870410	12:00	151.73
19870404	21:00	328.14	19870410	15:00	163.20
19870404	23:00	357.50	19870410	16:00	146.20
19870405	02:00	340.98	19870410	21:00	133.86
19870405	10:00	367.68	19870410	24:00	130.47
19870405	12:00	388.63	19870411	03:00	128.79
19870405	18:00	364.27	19870411	06:00	142.60
19870405	22:00	344.24	19870411	09:00	151.73
19870405	24:00	357.50	19870411	11:00	146.20

Funny River

Date	Time	Discharge	Date	Time	Discharge
19870411	12:00	155.49	19870418	10:00	115.93
19870411	13:00	179.40	19870418	12:00	115.93
19870411	16:00	175.25	19870418	14:00	108.36
19870411	19:00	169.15	19870418	16:00	95.60
19870411	21:00	153.60	19870418	19:00	99.73
19870411	23:00	153.60	19870418	22:00	94.25
19870412	01:00	139.06	19870419	11:00	103.98
19870412	10:00	142.60	19870419	12:00	133.86
19870412	12:00	149.87	19870419	13:00	87.69
19870412	13:00	181.50	19870419	17:00	91.59
19870412	14:00	183.62	19870419	21:00	86.42
19870412	15:00	161.25	19870420	05:00	92.91
19870412	17:00	151.73	19870420	11:00	99.73
19870412	20:00	148.03	19870420	12:00	105.43
19870413	01:00	135.57	19870420	13:00	86.42
19870413	06:00	120.65	19870420	15:00	95.60
19870413	10:00	119.06	19870420	19:00	91.59
19870413	11:00	135.57	19870420	21:00	80.24
19870413	12:00	120.65	19870420	22:00	86.42
19870413	13:00	198.92	19870421	02:00	95.60
19870413	14:00	137.31	19870421	09:00	103.98
19870413	15:00	234.60	19870421	11:00	92.91
19870413	16:00	142.60	19870421	12:00	87.69
19870413	19:00	128.79	19870421	15:00	88.98
19870413	22:00	142.60	19870421	18:00	96.96
19870414	02:00	128.79	19870422	10:00	95.60
19870414	11:00	125.49	19870422	11:00	103.98
19870414	12:00	114.39	19870422	12:00	151.73
19870415	01:00	108.36	19870422	13:00	95.60
19870415	07:00	122.25	19870422	18:00	96.96
19870415	12:00	130.47	19870422	22:00	106.89
19870415	18:00	135.57	19870422	24:00	120.65
19870415	20:00	125.49	19870423	01:00	149.87
19870415	24:00	119.06	19870423	02:00	120.65
19870416	03:00	106.89	19870423	06:00	106.89
19870416	11:00	103.98	19870423	12:00	103.98
19870416	12:00	108.36	19870423	19:00	108.36
19870416	19:00	106.89	19870423	21:00	112.86
19870417	01:00	94.25	19870423	22:00	125.49
19870417	09:00	102.55	19870423	24:00	114.39
19870417	12:00	95.60	19870424	04:00	120.65
19870417	15:00	99.73	19870424	06:00	106.89
19870417	16:00	88.98	19870424	09:00	109.85
19870417	18:00	94.25	19870424	11:00	117.49
19870417	21:00	102.55	19870424	12:00	112.86
19870417	23:00	92.91	19870424	14:00	127.13
19870418	02:00	96.96	19870424	16:00	114.39
19870418	07:00	106.89	19870424	19:00	114.39

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Date	Time	Discharge	Date	Time	Discharge
19870424	22:00	128.79	19870504	04:00	140.82
19870425	03:00	140.82	19870504	07:00	153.60
19870425	11:00	140.82	19870504	10:00	151.73
19870425	12:00	132.15	19870504	12:00	151.73
19870425	13:00	277.27	19870504	13:00	146.20
19870425	14:00	137.31	19870504	21:00	135.57
19870425	15:00	135.57	19870505	04:00	146.20
19870425	16:00	159.31	19870505	07:00	161.25
19870425	17:00	139.06	19870505	10:00	163.20
19870425	20:00	140.82	19870505	13:00	146.20
19870426	03:00	148.03	19870505	21:00	142.60
19870426	11:00	144.39	19870506	01:00	137.31
19870426	12:00	135.57	19870506	05:00	151.73
19870426	21:00	133.86	19870506	10:00	165.17
19870427	01:00	140.82	19870506	13:00	148.03
19870427	08:00	137.31	19870506	23:00	135.57
19870427	10:00	135.57	19870507	04:00	139.06
19870427	11:00	165.17	19870507	08:00	148.03
19870427	12:00	142.60	19870507	13:00	137.31
19870427	15:00	132.15	19870507	24:00	128.79
19870427	19:00	139.06	19870508	06:00	144.39
19870428	04:00	142.60	19870508	11:00	148.03
19870428	08:00	133.86	19870508	13:00	135.57
19870428	12:00	127.13	19870508	23:00	125.49
19870428	16:00	135.57	19870509	01:00	133.86
19870428	23:00	133.86	19870509	04:00	133.86
19870429	02:00	144.39	19870509	11:00	139.06
19870429	06:00	151.73	19870509	13:00	127.13
19870429	08:00	142.60	19870509	21:00	123.86
19870429	13:00	130.47	19870509	23:00	123.86
19870429	18:00	122.25	19870510	10:00	125.49
19870430	01:00	135.57	19870510	12:00	132.15
19870430	04:00	148.03	19870510	13:00	119.06
19870430	08:00	153.60	19870510	23:00	109.85
19870430	13:00	140.82	19870511	04:00	117.49
19870430	22:00	130.47	19870511	05:00	146.20
19870501	10:00	133.86	19870511	06:00	137.31
19870501	11:00	157.39	19870511	08:00	122.25
19870501	12:00	127.13	19870511	12:00	127.13
19870501	13:00	122.25	19870511	13:00	115.93
19870502	01:00	125.49	19870511	20:00	112.86
19870502	08:00	140.82	19870511	23:00	111.35
19870502	13:00	148.03	19870512	04:00	120.65
19870502	21:00	144.39	19870512	09:00	120.65
19870503	04:00	148.03	19870512	11:00	135.57
19870503	11:00	153.60	19870512	13:00	120.65
19870503	13:00	142.60	19870513	01:00	119.06
19870503	22:00	140.82	19870513	02:00	175.25

Funny River

Date	Time	Discharge	Date	Time	Discharge
19870513	03:00	125.49	19870522	04:00	177.32
19870513	08:00	139.06	19870522	13:00	196.68
19870513	12:00	137.31	19870522	15:00	179.40
19870513	13:00	132.15	19870522	22:00	169.15
19870513	23:00	128.79	19870523	04:00	169.15
19870514	03:00	139.06	19870523	13:00	163.20
19870514	06:00	142.60	19870523	22:00	161.25
19870514	08:00	159.31	19870524	01:00	165.17
19870514	09:00	165.17	19870524	04:00	165.17
19870514	13:00	169.15	19870524	12:00	175.25
19870514	19:00	157.39	19870524	13:00	183.62
19870514	24:00	157.39	19870524	14:00	219.84
19870515	05:00	171.17	19870524	15:00	185.75
19870515	08:00	187.91	19870524	23:00	179.40
19870515	12:00	192.26	19870525	01:00	179.40
19870515	13:00	185.75	19870525	03:00	173.20
19870515	19:00	190.07	19870525	07:00	190.07
19870515	24:00	177.32	19870525	13:00	185.75
19870516	03:00	187.91	19870525	16:00	171.17
19870516	08:00	192.26	19870526	01:00	165.17
19870516	12:00	205.73	19870526	09:00	167.15
19870516	13:00	203.44	19870526	12:00	175.25
19870516	20:00	203.44	19870526	13:00	169.15
19870516	24:00	190.07	19870527	01:00	153.60
19870517	04:00	194.46	19870527	09:00	157.39
19870517	06:00	215.07	19870527	12:00	159.31
19870517	08:00	229.61	19870527	13:00	153.60
19870517	10:00	244.81	19870527	21:00	149.87
19870517	13:00	247.41	19870527	24:00	161.25
19870517	19:00	255.32	19870528	03:00	157.39
19870518	01:00	237.13	19870528	06:00	175.25
19870518	09:00	250.03	19870528	10:00	169.15
19870518	12:00	260.69	19870528	12:00	187.91
19870518	13:00	258.00	19870528	13:00	163.20
19870518	22:00	255.32	19870528	17:00	165.17
19870519	03:00	239.67	19870528	18:00	181.50
19870519	08:00	217.45	19870528	22:00	169.15
19870519	11:00	229.61	19870528	24:00	177.32
19870519	13:00	210.37	19870529	01:00	159.31
19870519	22:00	190.07	19870529	09:00	159.31
19870519	24:00	203.44	19870529	13:00	155.49
19870520	03:00	185.75	19870530	01:00	151.73
19870520	10:00	183.62	19870530	02:00	577.20
19870520	13:00	175.25	19870530	03:00	148.03
19870521	03:00	175.25	19870530	09:00	148.03
19870521	10:00	190.07	19870530	11:00	153.60
19870521	13:00	194.46	19870530	12:00	167.15
19870521	24:00	192.26	19870530	13:00	146.20

## Funny River

Date	Time	Discharge	Date	Time	Discharge
19870530	20:00	149.87	19870607	19:00	187.91
19870530	24:00	137.31	19870608	01:00	177.32
19870531	06:00	140.82	19870608	04:00	196.68
19870531	12:00	149.87	19870608	12:00	196.68
19870531	13:00	146.20	19870608	13:00	190.07
19870601	01:00	142.60	19870609	02:00	173.20
19870601	07:00	146.20	19870609	08:00	179.40
19870601	13:00	157.39	19870609	13:00	177.32
19870601	21:00	173.20	19870609	20:00	171.17
19870602	02:00	192.26	19870609	23:00	161.25
19870602	04:00	198.92	19870609	24:00	169.15
19870602	06:00	212.71	19870610	01:00	196.68
19870602	08:00	224.69	19870610	02:00	161.25
19870602	09:00	271.67	19870610	07:00	167.15
19870602	10:00	242.23	19870610	10:00	179.40
19870602	13:00	222.26	19870610	12:00	165.17
19870603	01:00	224.69	19870610	13:00	159.31
19870603	05:00	234.60	19870610	23:00	149.87
19870603	06:00	242.23	19870611	09:00	153.60
19870603	08:00	266.14	19870611	12:00	148.03
19870603	12:00	244.81	19870611	13:00	142.60
19870603	13:00	237.13	19870612	01:00	139.06
19870603	20:00	234.60	19870612	13:00	137.31
19870604	01:00	219.84	19870613	09:00	140.82
19870604	03:00	232.10	19870613	13:00	140.82
19870604	04:00	350.83	19870613	22:00	137.31
19870604	05:00	224.69	19870614	04:00	132.15
19870604	08:00	232.10	19870614	07:00	148.03
19870604	13:00	210.37	19870614	12:00	161.25
19870604	23:00	201.17	19870614	13:00	157.39
19870605	04:00	196.68	19870614	19:00	155.49
19870605	10:00	205.73	19870615	01:00	139.06
19870605	13:00	201.17	19870615	04:00	135.57
19870605	21:00	196.68	19870615	09:00	149.87
19870606	04:00	198.92	19870615	13:00	146.20
19870606	07:00	219.84	19870615	23:00	142.60
19870606	09:00	227.14	19870616	13:00	142.60
19870606	11:00	244.81	19870617	04:00	130.47
19870606	13:00	227.14	19870617	13:00	127.13
19870606	20:00	212.71	19870617	23:00	122.25
19870607	01:00	192.26	19870618	13:00	120.65
19870607	04:00	201.17	19870618	22:00	115.93
19870607	05:00	266.14	19870619	11:00	119.06
19870607	06:00	212.71	19870619	13:00	117.49
19870607	07:00	321.85	19870620	13:00	115.93
19870607	08:00	432.95	19870621	05:00	119.06
19870607	09:00	208.04	19870621	11:00	133.86
19870607	13:00	196.68	19870621	13:00	133.86

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Date	Time	Discharge	Date	Time	Discharge
19870621	20:00	139.06	19870706	03:00	102.55
19870622	04:00	142.60	19870706	12:00	112.86
19870622	11:00	159.31	19870706	13:00	109.85
19870622	13:00	157.39	19870706	21:00	106.89
19870622	21:00	153.60	19870707	04:00	99.73
19870623	07:00	153.60	19870707	12:00	109.85
19870623	12:00	157.39	19870707	13:00	106.89
19870623	13:00	151.73	19870707	18:00	111.35
19870623	21:00	140.82	19870708	04:00	112.86
19870624	08:00	132.15	19870708	10:00	117.49
19870624	13:00	125.49	19870708	13:00	112.86
19870625	03:00	120.65	19870709	04:00	115.93
19870625	13:00	119.06	19870709	10:00	125.49
19870625	22:00	115.93	19870709	13:00	119.06
19870626	04:00	108.36	19870709	22:00	112.86
19870626	09:00	114.39	19870710	07:00	115.93
19870626	13:00	112.86	19870710	13:00	111.35
19870626	24:00	108.36	19870710	17:00	125.49
19870627	13:00	111.35	19870710	20:00	112.86
19870628	08:00	114.39	19870711	04:00	101.13
19870628	13:00	117.49	19870711	09:00	114.39
19870629	03:00	125.49	19870711	13:00	108.36
19870629	07:00	139.06	19870712	05:00	112.86
19870629	11:00	155.49	19870712	13:00	117.49
19870629	13:00	165.17	19870712	20:00	132.15
19870629	18:00	183.62	19870713	04:00	148.03
19870630	01:00	198.92	19870713	13:00	151.73
19870630	07:00	203.44	19870714	02:00	146.20
19870630	12:00	205.73	19870714	06:00	139.06
19870630	13:00	194.46	19870714	12:00	146.20
19870630	17:00	175.25	19870714	13:00	139.06
19870630	21:00	157.39	19870714	20:00	137.31
19870701	01:00	142.60	19870715	03:00	123.86
19870701	08:00	133.86	19870715	13:00	123.86
19870701	12:00	130.47	19870716	02:00	115.93
19870701	13:00	123.86	19870716	13:00	119.06
19870702	04:00	109.85	19870717	08:00	122.25
19870702	08:00	117.49	19870717	13:00	127.13
19870702	13:00	109.85	19870717	22:00	132.15
19870702	23:00	108.36	19870718	13:00	132.15
19870703	11:00	109.85	19870718	24:00	127.13
19870703	13:00	112.86	19870719	09:00	130.47
19870703	24:00	109.85	19870719	13:00	130.47
19870704	13:00	106.89	19870719	22:00	127.13
19870704	23:00	105.43	19870720	04:00	123.86
19870705	09:00	108.36	19870720	09:00	139.06
19870705	13:00	108.36	19870720	13:00	142.60
19870705	20:00	112.86	19870720	20:00	140.82



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Date	Time	Discharge	Date	Time	Discharge
19870721	02:00	127.13	19870804	05:45	108.36
19870721	08:00	142.60	19870804	13:45	109.85
19870721	12:00	149.87	19870804	14:45	105.43
19870721	13:00	146.20	19870804	22:45	109.85
19870721	21:00	130.47	19870805	09:45	123.86
19870722	04:00	117.49	19870805	13:45	130.47
19870722	10:00	119.06	19870805	14:45	127.13
19870722	13:00	127.13	19870806	00:45	122.25
19870722	14:45	132.15	19870806	14:45	120.65
19870722	19:45	146.20	19870807	09:45	111.35
19870723	01:45	163.20	19870807	14:45	109.85
19870723	14:45	153.60	19870808	02:45	105.43
19870723	21:45	149.87	19870808	14:45	102.55
19870724	05:45	135.57	19870809	00:45	99.73
19870724	13:45	142.60	19870809	13:45	102.55
19870724	14:45	137.31	19870809	14:45	98.34
19870725	05:45	125.49	19870809	23:45	95.60
19870725	13:45	133.86	19870810	14:45	94.25
19870725	14:45	132.15	19870811	02:45	91.59
19870725	21:45	140.82	19870811	14:45	91.59
19870726	05:45	132.15	19870812	04:45	98.34
19870726	12:45	140.82	19870812	13:45	105.43
19870726	14:45	135.57	19870812	14:45	102.55
19870726	21:45	132.15	19870813	02:45	96.96
19870727	02:45	117.49	19870813	14:45	96.96
19870727	08:45	125.49	19870814	02:45	101.13
19870727	13:45	135.57	19870814	05:45	88.98
19870727	14:45	130.47	19870814	13:45	95.60
19870727	20:45	127.13	19870814	14:45	92.91
19870728	02:45	112.86	19870815	00:45	90.27
19870728	08:45	117.49	19870815	12:45	92.91
19870728	13:45	125.49	19870815	14:45	91.59
19870728	14:45	119.06	19870815	18:45	98.34
19870728	20:45	115.93	19870816	01:45	90.27
19870729	04:45	103.98	19870816	05:45	81.45
19870729	13:45	115.93	19870816	13:45	88.98
19870729	14:45	112.86	19870816	14:45	83.91
19870729	22:45	109.85	19870817	01:45	85.16
19870730	08:45	112.86	19870817	10:45	86.42
19870730	13:45	120.65	19870817	13:45	90.27
19870730	14:45	117.49	19870817	14:45	85.16
19870731	14:45	115.93	19870817	21:45	88.98
19870801	14:45	117.49	19870818	00:45	101.13
19870801	22:45	125.49	19870818	05:45	92.91
19870802	12:45	128.79	19870818	12:45	105.43
19870802	14:45	127.13	19870818	14:45	99.73
19870803	05:45	115.93	19870819	02:45	91.59
19870803	14:45	114.39	19870819	12:45	94.25

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Date	Time	Discharge	Date	Time	Discharge
19870819	14:45	94.25	19870904	04:45	81.45
19870820	03:45	83.91	19870904	14:45	91.59
19870820	11:45	86.42	19870905	04:45	88.98
19870820	14:45	86.42	19870905	14:45	82.67
19870820	21:45	85.16	19870906	02:45	80.24
19870821	00:45	86.42	19870906	14:45	81.45
19870821	03:45	81.45	19870907	01:45	86.42
19870821	07:45	77.86	19870907	14:45	86.42
19870821	13:45	86.42	19870908	07:45	83.91
19870821	14:45	80.24	19870908	14:45	82.67
19870822	00:45	82.67	19870908	22:45	80.24
19870822	05:45	73.24	19870909	05:45	75.53
19870822	13:45	79.04	19870909	14:45	76.69
19870822	14:45	75.53	19870909	21:45	87.69
19870823	01:45	76.69	19870910	04:45	99.73
19870823	11:45	76.69	19870910	13:45	111.35
19870823	14:45	74.38	19870910	14:45	111.35
19870824	10:45	74.38	19870911	08:45	125.49
19870824	14:45	74.38	19870911	14:45	125.49
19870824	23:45	72.12	19870912	12:45	128.79
19870825	05:45	72.12	19870912	14:45	127.13
19870825	07:45	79.04	19870913	04:45	122.25
19870825	14:45	74.38	19870913	14:45	120.65
19870825	22:45	72.12	19870913	21:45	120.65
19870826	03:45	68.81	19870914	03:45	109.85
19870826	13:45	74.38	19870914	14:45	105.43
19870826	14:45	71.00	19870914	20:45	105.43
19870827	01:45	69.90	19870915	05:45	96.96
19870827	03:45	72.12	19870915	13:45	101.13
19870827	09:45	71.00	19870915	14:45	95.60
19870827	14:45	71.00	19870916	01:45	92.91
19870828	02:45	68.81	19870916	14:45	94.25
19870828	14:45	69.90	19870917	03:45	91.59
19870829	12:45	72.12	19870917	14:45	92.91
19870829	14:45	72.12	19870918	13:45	96.96
19870830	14:45	71.00	19870918	14:45	94.25
19870830	23:45	68.81	19870919	12:45	95.60
19870831	00:45	77.86	19870919	14:45	96.96
19870831	01:45	65.62	19870920	04:45	94.25
19870831	14:45	65.62	19870920	12:45	95.60
19870831	22:45	68.81	19870920	14:45	92.91
19870901	03:45	62.53	19870920	23:45	92.91
19870901	14:45	64.58	19870921	05:45	86.42
19870902	12:45	66.67	19870921	11:45	87.69
19870902	14:45	65.62	19870921	13:45	95.60
19870903	08:45	67.74	19870921	14:45	88.98
19870903	14:45	69.90	19870922	14:45	85.16
19870903	21:45	73.24	19870922	22:45	88.98

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Date	Time	Discharge	Date	Time	Discharge
19870923	06:45	99.73	19871006	21:45	98.34
19870923	11:45	108.36	19871007	11:45	98.34
19870923	14:45	102.55	19871007	14:45	96.96
19870923	16:45	114.39	19871008	14:45	95.60
19870923	17:45	125.49	19871008	17:49	98.34
19870923	20:45	140.82	19871009	02:49	102.55
19870924	01:45	127.13	19871009	14:49	106.89
19870924	07:45	112.86	19871009	17:49	106.89
19870924	12:45	108.36	19871010	05:49	120.65
19870924	13:45	119.06	19871010	13:49	127.13
19870924	14:45	179.40	19871010	17:49	123.86
19870924	15:45	112.86	19871011	01:49	119.06
19870924	21:45	102.55	19871011	16:49	117.49
19870925	11:45	96.96	19871011	17:49	112.86
19870925	14:45	108.36	19871012	15:49	109.85
19870925	21:45	98.34	19871012	17:49	106.89
19870926	00:45	99.73	19871013	17:49	103.98
19870926	04:45	91.59	19871014	17:49	105.43
19870926	14:45	92.91	19871015	00:49	119.06
19870927	04:45	90.27	19871015	12:49	132.15
19870927	14:45	88.98	19871015	17:49	127.13
19870927	18:45	92.91	19871016	03:49	117.49
19870928	05:45	85.16	19871016	16:49	115.93
19870928	14:45	86.42	19871016	17:49	111.35
19870929	12:45	87.69	19871017	14:49	106.89
19870929	14:45	88.98	19871017	17:49	103.98
19870929	20:45	86.42	19871018	00:49	101.13
19870930	14:45	83.91	19871018	03:49	109.85
19871001	14:45	86.42	19871018	10:49	112.86
19871002	05:45	79.04	19871018	15:49	127.13
19871002	11:45	87.69	19871018	17:49	133.86
19871002	14:45	98.34	19871019	00:49	146.20
19871002	16:45	108.36	19871019	07:49	161.25
19871002	19:45	122.25	19871019	13:49	177.32
19871002	22:45	133.86	19871019	17:49	185.75
19871003	03:45	142.60	19871020	09:49	190.07
19871003	13:45	135.57	19871020	16:49	185.75
19871003	14:45	133.86	19871020	17:49	179.40
19871003	20:45	130.47	19871021	11:49	169.15
19871004	05:45	122.25	19871021	17:49	179.40
19871004	14:45	122.25	19871021	23:49	196.68
19871005	07:45	112.86	19871022	08:49	217.45
19871005	13:45	115.93	19871022	17:49	219.84
19871005	14:45	120.65	19871023	04:49	198.92
19871005	18:45	109.85	19871023	12:49	190.07
19871006	05:45	103.98	19871023	17:49	192.26
19871006	14:45	103.98	19871024	08:49	187.91
19871006	18:45	109.85	19871024	17:49	183.62

Funny River

Date	Time	Discharge	Date	Time	Discharge
19871025	02:49	171.17	19871104	17:49	99.73
19871025	17:49	155.49	19871104	20:49	103.98
19871026	00:49	144.39	19871105	01:49	94.25
19871026	09:49	140.82	19871105	12:49	86.42
19871026	17:49	137.31	19871105	17:49	83.91
19871027	02:49	123.86	19871106	07:49	85.16
19871027	05:49	109.85	19871106	12:49	81.45
19871027	07:49	98.34	19871106	17:49	74.38
19871027	13:49	92.91	19871107	03:49	72.12
19871027	17:49	99.73	19871107	12:49	73.24
19871027	21:49	103.98	19871107	16:49	64.58
19871028	03:49	92.91	19871107	17:49	62.53
19871028	07:49	82.67	19871108	05:49	60.52
19871028	12:49	73.24	19871108	08:49	59.53
19871028	15:49	77.86	19871108	13:49	68.81
19871028	17:49	82.67	19871108	17:49	61.52
19871028	20:49	86.42	19871108	22:49	67.74
19871028	23:49	76.69	19871109	03:49	77.86
19871029	02:49	66.67	19871109	14:49	86.42
19871029	05:49	60.52	19871109	16:49	79.04
19871029	08:49	57.59	19871109	17:49	72.12
19871029	13:49	59.53	19871109	19:49	66.67
19871029	17:49	61.52	19871109	21:49	58.56
19871029	20:49	68.81	19871110	01:49	50.27
19871030	02:49	60.52	19871110	10:49	45.22
19871030	04:49	53.85	19871110	17:49	44.41
19871030	11:49	46.04	19871111	10:49	45.22
19871030	17:49	52.94	19871111	16:49	50.27
19871030	20:49	61.52	19871111	17:49	48.55
19871030	23:49	71.00	19871112	04:49	53.85
19871031	11:49	73.24	19871112	12:49	58.56
19871031	15:49	82.67	19871112	17:49	60.52
19871031	17:49	82.67	19871113	09:49	64.58
19871101	00:49	79.04	19871113	17:49	65.62
19871101	05:49	68.81	19871114	17:49	63.54
19871101	10:49	72.12	19871115	17:49	60.52
19871101	11:49	81.45	19871116	17:49	61.52
19871101	13:49	74.38	19871117	15:49	63.54
19871101	16:49	79.04	19871117	17:49	64.58
19871101	17:49	157.39	19871118	05:49	72.12
19871101	18:49	88.98	19871118	17:49	73.24
19871102	04:49	83.91	19871119	10:49	71.00
19871102	10:49	94.25	19871119	17:49	69.90
19871102	16:49	95.60	19871120	17:49	68.81
19871102	17:49	90.27	19871121	11:49	71.00
19871103	13:49	92.91	19871121	17:49	69.90
19871103	17:49	95.60	19871122	17:49	68.81
19871104	14:49	98.34	19871123	13:49	71.00

Funny River

Date	Time	Discharge	Date	Time	Discharge
19871123	17:49	71.00	19871208	17:49	153.60
19871124	16:49	69.90	19871209	00:49	155.49
19871124	17:49	67.74	19871209	06:49	169.15
19871125	08:49	66.67	19871209	17:49	167.15
19871125	17:49	59.53	19871210	07:49	185.75
19871126	10:49	61.52	19871210	14:49	181.50
19871126	17:49	63.54	19871210	17:49	171.17
19871127	02:49	61.52	19871211	03:49	153.60
19871127	10:49	64.58	19871211	16:49	142.60
19871127	16:49	68.81	19871211	17:49	139.06
19871127	17:49	66.67	19871212	06:49	123.86
19871128	17:49	65.62	19871212	17:49	115.93
19871129	00:49	75.53	19871213	03:49	119.06
19871129	02:49	85.16	19871213	11:49	125.49
19871129	05:49	96.96	19871213	17:49	123.86
19871129	15:49	94.25	19871214	00:49	139.06
19871129	17:49	86.42	19871214	02:49	146.20
19871130	02:49	76.69	19871214	03:49	130.47
19871130	12:49	75.53	19871214	05:49	117.49
19871130	17:49	66.67	19871214	07:49	130.47
19871201	03:49	73.24	19871214	11:49	146.20
19871201	13:49	69.90	19871214	12:49	137.31
19871201	17:49	68.81	19871214	13:49	117.49
19871202	06:49	74.38	19871214	17:49	117.49
19871202	17:49	74.38	19871214	22:49	130.47
19871203	06:49	76.69	19871215	02:49	144.39
19871203	13:49	81.45	19871215	08:49	153.60
19871203	17:49	79.04	19871215	16:49	148.03
19871204	00:49	85.16	19871215	17:49	140.82
19871204	03:49	92.91	19871216	00:49	125.49
19871204	08:49	96.96	19871216	07:49	111.35
19871204	10:49	106.89	19871216	17:49	103.98
19871204	14:49	120.65	19871217	16:49	105.43
19871204	17:49	122.25	19871217	17:49	108.36
19871205	01:49	137.31	19871218	08:49	115.93
19871205	08:49	149.87	19871218	11:49	128.79
19871205	17:49	146.20	19871218	17:49	125.49
19871205	22:49	161.25	19871219	17:49	123.86
19871206	01:49	179.40	19871220	10:49	127.13
19871206	05:49	196.68	19871220	17:49	127.13
19871206	09:49	217.45	19871221	17:49	127.13
19871206	16:49	227.14	19871222	08:49	128.79
19871206	17:49	219.84	19871222	16:49	128.79
19871207	00:49	215.07	19871222	17:49	123.86
19871207	15:49	205.73	19871223	02:49	127.13
19871207	17:49	196.68	19871223	14:49	135.57
19871208	04:49	181.50	19871223	17:49	135.57
19871208	12:49	171.17	19871224	08:49	137.31

Funny River

Date	Time	Discharge	Date	Time	Discharge
19871224	11:49	149.87	19880117	17:30	165.17
19871224	17:49	146.20	19880118	13:30	169.15
19871225	12:49	142.60	19880118	17:30	169.15
19871225	17:49	137.31	19880119	04:30	177.32
19871226	17:49	137.31	19880119	17:30	177.32
19871227	11:49	130.47	19880120	03:30	173.20
19871227	17:49	127.13	19880120	17:30	177.32
19871228	10:49	123.86	19880121	07:30	177.32
19871228	15:49	112.86	19880121	10:30	165.17
19871228	17:49	111.35	19880121	17:30	171.17
19871229	17:49	112.86	19880122	17:30	173.20
19871230	14:49	123.86	19880123	17:30	175.25
19871230	17:49	123.86	19880124	04:30	179.40
19871231	17:49	122.25	19880124	16:30	185.75
19880101	14:49	125.49	19880124	17:30	181.50
19880101	17:49	125.49	19880125	04:30	177.32
19880102	08:49	122.25	19880125	17:30	173.20
19880102	17:49	114.39	19880126	17:30	171.17
19880103	17:49	109.85	19880127	00:30	155.49
19880104	17:49	108.36	19880127	09:30	161.25
19880105	14:49	111.35	19880127	16:30	171.17
19880105	17:49	111.35	19880127	17:30	165.17
19880106	10:49	119.06	19880128	00:30	155.49
19880106	17:49	125.49	19880128	08:30	163.20
19880107	08:49	130.47	19880128	10:30	181.50
19880107	17:49	132.15	19880128	12:30	175.25
19880108	17:49	133.86	19880128	13:30	161.25
19880109	17:49	132.15	19880128	14:30	190.07
19880110	17:49	132.15	19880128	16:30	177.32
19880111	01:49	128.79	19880128	17:30	165.17
19880111	07:49	125.49	19880128	22:30	149.87
19880111	17:49	127.13	19880129	06:30	153.60
19880112	03:49	122.25	19880129	10:30	163.20
19880112	14:49	125.49	19880129	14:30	167.15
19880112	17:49	122.25	19880129	17:30	165.17
19880113	06:49	119.06	19880129	19:30	149.87
19880113	15:49	112.86	19880130	06:30	153.60
19880113	17:49	112.86	19880130	12:30	171.17
19880113	17:30	114.39	19880130	17:30	185.75
19880114	10:30	127.13	19880131	15:30	190.07
19880114	17:30	128.79	19880131	17:30	190.07
19880115	06:30	132.15	19880201	13:30	196.68
19880115	17:30	144.39	19880201	17:30	201.17
19880116	05:30	148.03	19880202	00:30	192.26
19880116	15:30	157.39	19880202	06:30	212.71
19880116	17:30	155.49	19880202	16:30	232.10
19880117	11:30	159.31	19880202	17:30	227.14
19880117	16:30	169.15	19880202	23:30	210.37

Funny River

Date	Time	Discharge	Date	Time	Discharge
19880203	03:30	210.37	19880221	06:30	282.95
19880203	08:30	227.14	19880221	16:30	288.71
19880203	17:30	229.61	19880221	17:30	277.27
19880204	02:30	224.69	19880221	22:30	258.00
19880204	07:30	203.44	19880222	02:30	242.23
19880204	11:30	183.62	19880222	08:30	229.61
19880204	17:30	185.75	19880222	14:30	217.45
19880204	20:30	205.73	19880222	17:30	227.14
19880205	02:30	227.14	19880222	21:30	247.41
19880205	14:30	250.03	19880223	04:30	234.60
19880205	17:30	252.67	19880223	16:30	258.00
19880206	02:30	247.41	19880223	17:30	260.69
19880206	11:30	237.13	19880224	11:30	266.14
19880206	17:30	250.03	19880224	17:30	271.67
19880207	00:30	244.81	19880225	02:30	280.10
19880207	17:30	247.41	19880225	15:30	285.82
19880207	21:30	255.32	19880225	17:30	285.82
19880208	03:30	239.67	19880226	17:30	282.95
19880208	15:30	244.81	19880227	08:30	288.71
19880208	17:30	244.81	19880227	16:30	282.95
19880209	01:30	237.13	19880227	17:30	280.10
19880209	11:30	224.69	19880228	07:30	285.82
19880209	17:30	234.60	19880228	17:30	282.95
19880209	22:30	242.23	19880229	12:30	285.82
19880210	05:30	227.14	19880229	16:30	303.47
19880210	14:30	234.60	19880229	17:30	294.55
19880210	17:30	244.81	19880301	04:30	271.67
19880211	15:30	247.41	19880301	16:30	285.82
19880211	17:30	250.03	19880301	17:30	282.95
19880212	15:30	252.67	19880302	17:30	282.95
19880212	17:30	255.32	19880302	22:30	268.89
19880213	15:30	260.69	19880303	08:30	288.71
19880213	17:30	266.14	19880303	16:30	280.10
19880213	21:30	277.27	19880303	17:30	274.46
19880214	04:30	266.14	19880304	06:30	260.69
19880214	17:30	280.10	19880304	17:30	252.67
19880215	17:30	282.95	19880305	01:30	239.67
19880215	23:30	280.10	19880305	13:30	234.60
19880216	11:30	297.50	19880305	16:30	239.67
19880216	17:30	291.62	19880305	17:30	224.69
19880217	15:30	297.50	19880306	01:30	208.04
19880217	17:30	297.50	19880306	16:30	205.73
19880218	17:30	294.55	19880306	17:30	196.68
19880219	02:30	303.47	19880307	05:30	192.26
19880219	17:30	303.47	19880307	17:30	192.26
19880220	11:30	297.50	19880308	00:30	192.26
19880220	17:30	291.62	19880308	07:30	203.44
19880220	22:30	309.51	19880308	13:30	208.04

Funny River

Date	Time	Discharge	Date	Time	Discharge
19880308	17:30	208.04	19880321	17:30	229.61
19880309	00:30	210.37	19880322	00:30	224.69
19880309	06:30	217.45	19880322	07:30	234.60
19880309	16:30	215.07	19880322	12:30	232.10
19880309	17:30	210.37	19880322	16:30	215.07
19880309	22:30	215.07	19880322	17:30	203.44
19880310	01:30	232.10	19880323	10:30	208.04
19880310	02:30	247.41	19880323	16:30	222.26
19880310	05:30	263.41	19880323	17:30	217.45
19880310	14:30	268.89	19880323	22:30	215.07
19880310	17:30	274.46	19880324	04:30	219.84
19880311	13:30	271.67	19880324	12:30	222.26
19880311	17:30	274.46	19880324	17:30	217.45
19880312	05:30	271.67	19880325	00:30	208.04
19880312	14:30	277.27	19880325	03:30	215.07
19880312	17:30	280.10	19880325	08:30	205.73
19880313	07:30	303.47	19880325	12:30	215.07
19880313	11:30	315.64	19880325	14:30	194.46
19880313	12:30	340.98	19880325	17:30	192.26
19880313	15:30	371.12	19880326	12:30	194.46
19880313	17:30	367.68	19880326	16:30	194.46
19880314	05:30	344.24	19880326	17:30	183.62
19880314	17:30	347.52	19880327	02:30	175.25
19880315	02:30	344.24	19880327	14:30	175.25
19880315	09:30	334.52	19880327	17:30	161.25
19880315	15:30	350.83	19880328	00:30	159.31
19880315	17:30	360.87	19880328	12:30	159.31
19880316	02:30	381.56	19880328	17:30	159.31
19880316	17:30	385.08	19880329	01:30	173.20
19880317	08:30	378.05	19880329	05:30	187.91
19880317	17:30	371.12	19880329	09:30	179.40
19880318	05:30	354.16	19880329	11:30	196.68
19880318	13:30	337.74	19880329	13:30	201.17
19880318	17:30	337.74	19880329	15:30	181.50
19880318	21:30	337.74	19880329	17:30	175.25
19880319	02:30	315.64	19880330	03:30	187.91
19880319	09:30	291.62	19880330	11:30	175.25
19880319	16:30	315.64	19880330	17:30	161.25
19880319	17:30	294.55	19880331	00:30	167.15
19880319	21:30	285.82	19880331	03:30	173.20
19880320	05:30	260.69	19880331	04:30	198.92
19880320	10:30	250.03	19880331	07:30	205.73
19880320	16:30	247.41	19880331	09:30	196.68
19880320	17:30	237.13	19880331	10:30	177.32
19880320	22:30	215.07	19880331	17:30	159.31
19880321	10:30	219.84	19880401	13:30	157.39
19880321	14:30	242.23	19880401	17:30	151.73
19880321	16:30	244.81	19880402	11:30	148.03



Funny River

Date	Time	Discharge	Date	Time	Discharge
19880402	17:30	142.60	19880414	16:30	128.79
19880403	00:30	140.82	19880414	17:30	125.49
19880403	13:30	142.60	19880414	19:30	133.86
19880403	16:30	139.06	19880414	20:30	153.60
19880403	17:30	132.15	19880414	22:30	161.25
19880403	22:30	135.57	19880415	02:30	155.49
19880404	01:30	125.49	19880415	04:30	159.31
19880404	05:30	140.82	19880415	08:30	144.39
19880404	13:30	153.60	19880415	13:30	132.15
19880404	17:30	140.82	19880415	17:30	146.20
19880405	00:30	144.39	19880415	19:30	163.20
19880405	04:30	151.73	19880416	00:30	177.32
19880405	11:30	139.06	19880416	02:30	190.07
19880405	16:30	144.39	19880416	03:30	212.71
19880405	17:30	133.86	19880416	06:30	196.68
19880405	23:30	130.47	19880416	08:30	205.73
19880406	11:30	137.31	19880416	10:30	187.91
19880406	16:30	130.47	19880416	11:30	203.44
19880406	17:30	139.06	19880416	13:30	215.07
19880406	22:30	135.57	19880416	16:30	227.14
19880407	14:30	137.31	19880416	17:30	217.45
19880407	15:30	123.86	19880416	19:30	239.67
19880407	17:30	117.49	19880416	21:30	258.00
19880407	21:30	119.06	19880416	23:30	277.27
19880408	00:30	105.43	19880417	02:30	300.48
19880408	05:30	119.06	19880417	08:30	306.48
19880408	11:30	127.13	19880417	09:30	282.95
19880408	16:30	115.93	19880417	12:30	268.89
19880408	17:30	111.35	19880417	16:30	244.81
19880408	23:30	120.65	19880417	17:30	244.81
19880409	07:30	112.86	19880417	21:30	234.60
19880409	17:30	111.35	19880417	23:30	242.23
19880410	06:30	108.36	19880418	05:30	222.26
19880410	11:30	112.86	19880418	09:30	208.04
19880410	13:30	101.13	19880418	11:30	201.17
19880410	17:30	95.60	19880418	12:30	234.60
19880411	09:30	92.91	19880418	14:30	237.13
19880411	11:30	102.55	19880418	17:30	219.84
19880411	17:30	98.34	19880418	23:30	237.13
19880412	09:30	92.91	19880419	02:30	255.32
19880412	17:30	94.25	19880419	04:30	244.81
19880412	23:30	105.43	19880419	08:30	224.69
19880413	08:30	114.39	19880419	09:30	268.89
19880413	14:30	101.13	19880419	10:30	215.07
19880413	17:30	101.13	19880419	11:30	219.84
19880414	00:30	112.86	19880419	12:30	285.82
19880414	04:30	119.06	19880419	13:30	232.10
19880414	14:30	115.93	19880419	14:30	229.61

Funny River

Date	Time	Discharge	Date	Time	Discharge
19880419	15:30	208.04	19880424	17:30	239.67
19880419	16:30	224.69	19880424	22:30	263.41
19880419	17:30	196.68	19880425	01:30	250.03
19880419	19:30	217.45	19880425	03:30	266.14
19880419	21:30	234.60	19880425	04:30	247.41
19880419	23:30	229.61	19880425	05:30	229.61
19880420	01:30	252.67	19880425	06:30	215.07
19880420	03:30	232.10	19880425	09:30	217.45
19880420	08:30	224.69	19880425	11:30	239.67
19880420	11:30	208.04	19880425	12:30	252.67
19880420	16:30	217.45	19880425	14:30	229.61
19880420	17:30	224.69	19880425	17:30	229.61
19880420	20:30	237.13	19880425	21:30	252.67
19880420	22:30	252.67	19880426	01:30	260.69
19880420	23:30	274.46	19880426	09:30	247.41
19880421	01:30	250.03	19880426	13:30	260.69
19880421	03:30	263.41	19880426	15:30	277.27
19880421	05:30	239.67	19880426	17:40	288.71
19880421	13:30	222.26	19880426	19:40	309.51
19880421	17:30	229.61	19880426	20:40	331.32
19880421	19:30	252.67	19880426	21:40	357.50
19880421	21:30	277.27	19880427	00:40	388.63
19880421	22:30	294.55	19880427	02:40	417.81
19880421	23:30	260.69	19880427	05:40	392.20
19880422	03:30	247.41	19880427	11:40	367.68
19880422	05:30	227.14	19880427	15:40	378.05
19880422	08:30	219.84	19880427	17:40	360.87
19880422	09:30	239.67	19880427	18:40	395.79
19880422	10:30	255.32	19880427	20:40	406.70
19880422	11:30	331.32	19880427	22:40	440.66
19880422	12:30	242.23	19880428	01:40	421.56
19880422	14:30	252.67	19880428	03:40	432.95
19880422	15:30	291.62	19880428	04:40	406.70
19880422	16:30	274.46	19880428	06:40	381.56
19880422	17:30	334.52	19880428	08:40	350.83
19880422	18:30	277.27	19880428	17:40	344.24
19880422	22:30	303.47	19880429	03:40	354.16
19880423	01:30	280.10	19880429	06:40	328.14
19880423	05:30	266.14	19880429	10:40	309.51
19880423	07:30	247.41	19880429	12:40	334.52
19880423	10:30	263.41	19880429	15:40	309.51
19880423	12:30	260.69	19880429	17:40	300.48
19880423	14:30	285.82	19880429	23:40	306.48
19880423	17:30	271.67	19880430	06:40	280.10
19880424	03:30	277.27	19880430	11:40	266.14
19880424	06:30	294.55	19880430	17:40	266.14
19880424	08:30	268.89	19880430	22:40	268.89
19880424	11:30	250.03	19880501	04:40	260.69

Funny River

Date	Time	Discharge	Date	Time	Discharge
19880501	09:40	237.13	19880510	14:40	321.85
19880501	16:40	250.03	19880510	17:40	297.50
19880501	17:40	244.81	19880510	22:40	288.71
19880501	22:40	244.81	19880511	01:40	312.56
19880502	02:40	255.32	19880511	04:40	337.74
19880502	06:40	252.67	19880511	05:40	371.12
19880502	08:40	234.60	19880511	08:40	344.24
19880502	11:40	227.14	19880511	12:40	328.14
19880502	17:40	234.60	19880511	16:40	306.48
19880502	23:40	242.23	19880511	17:40	294.55
19880503	04:40	227.14	19880511	22:40	274.46
19880503	11:40	224.69	19880512	00:40	282.95
19880503	17:40	219.84	19880512	03:40	291.62
19880503	23:40	239.67	19880512	06:40	271.67
19880504	08:40	250.03	19880512	11:40	280.10
19880504	17:40	234.60	19880512	16:40	258.00
19880505	00:40	239.67	19880512	17:40	247.41
19880505	05:40	260.69	19880512	23:40	239.67
19880505	09:40	268.89	19880513	05:40	260.69
19880505	12:40	244.81	19880513	09:40	260.69
19880505	17:40	232.10	19880513	10:40	282.95
19880506	00:40	247.41	19880513	11:40	252.67
19880506	02:40	271.67	19880513	17:40	234.60
19880506	04:40	274.46	19880513	21:40	229.61
19880506	06:40	300.48	19880514	03:40	242.23
19880506	09:40	280.10	19880514	04:40	255.32
19880506	11:40	280.10	19880514	05:40	297.50
19880506	16:40	260.69	19880514	06:40	258.00
19880506	17:40	252.67	19880514	12:40	260.69
19880507	00:40	255.32	19880514	16:40	239.67
19880507	03:40	277.27	19880514	17:40	234.60
19880507	04:40	309.51	19880514	23:40	237.13
19880507	06:40	282.95	19880515	09:40	252.67
19880507	11:40	274.46	19880515	12:40	260.69
19880507	15:40	274.46	19880515	16:40	239.67
19880507	17:40	263.41	19880515	17:40	229.61
19880507	23:40	250.03	19880515	21:40	224.69
19880508	03:40	274.46	19880515	22:40	452.40
19880508	06:40	282.95	19880515	23:40	229.61
19880508	17:40	266.14	19880516	01:40	242.23
19880509	00:40	285.82	19880516	05:40	219.84
19880509	06:40	309.51	19880516	10:40	229.61
19880509	16:40	297.50	19880516	12:40	234.60
19880509	17:40	288.71	19880516	16:40	215.07
19880510	00:40	288.71	19880516	17:40	210.37
19880510	03:40	315.64	19880516	21:40	217.45
19880510	08:40	328.14	19880517	02:40	219.84
19880510	10:40	347.52	19880517	07:40	210.37

Funny River

Date	Time	Discharge	Date	Time	Discharge
19880517	12:40	222.26	19880526	05:40	399.40
19880517	17:40	203.44	19880526	15:40	381.56
19880517	23:40	208.04	19880526	17:40	374.57
19880518	03:40	212.71	19880526	23:40	374.57
19880518	12:40	222.26	19880527	02:40	406.70
19880518	16:40	205.73	19880527	09:40	392.20
19880518	17:40	196.68	19880527	17:40	367.68
19880518	23:40	190.07	19880528	00:40	374.57
19880519	03:40	208.04	19880528	04:40	399.40
19880519	08:40	219.84	19880528	17:40	403.04
19880519	17:40	215.07	19880529	01:40	436.79
19880519	23:40	224.69	19880529	06:40	460.35
19880520	03:40	247.41	19880529	14:40	444.55
19880520	09:40	266.14	19880529	17:40	417.81
19880520	12:40	282.95	19880529	23:40	399.40
19880520	15:40	266.14	19880530	01:40	414.08
19880520	17:40	258.00	19880530	02:40	645.14
19880521	00:40	252.67	19880530	03:40	410.38
19880521	01:40	282.95	19880530	08:40	395.79
19880521	04:40	260.69	19880530	12:40	395.79
19880521	09:40	268.89	19880530	16:40	364.27
19880521	11:40	285.82	19880530	17:40	354.16
19880521	17:40	271.67	19880531	00:40	347.52
19880522	00:40	268.89	19880531	01:40	340.98
19880522	04:40	285.82	19880531	02:40	484.76
19880522	08:40	291.62	19880531	03:40	347.52
19880522	10:40	303.47	19880531	04:40	385.08
19880522	17:40	300.48	19880531	05:40	344.24
19880523	01:40	312.56	19880531	10:40	357.50
19880523	02:40	318.73	19880531	12:40	331.32
19880523	03:40	425.33	19880531	17:40	312.56
19880523	04:40	318.73	19880601	00:40	291.62
19880523	08:40	334.52	19880601	03:40	306.48
19880523	15:40	340.98	19880601	06:40	285.82
19880523	17:40	340.98	19880601	16:40	280.10
19880523	23:40	354.16	19880601	17:40	268.89
19880524	04:40	381.56	19880602	00:40	252.67
19880524	08:40	374.57	19880602	08:40	255.32
19880524	09:40	577.20	19880602	16:40	250.03
19880524	10:40	364.27	19880602	17:40	242.23
19880524	17:40	354.16	19880603	00:40	232.10
19880525	00:40	350.83	19880603	04:40	244.81
19880525	01:40	378.05	19880603	08:40	237.13
19880525	04:40	367.68	19880603	16:40	234.60
19880525	10:40	364.27	19880603	17:40	222.26
19880525	12:40	367.68	19880604	01:40	219.84
19880525	17:40	357.50	19880604	05:40	239.67
19880526	01:40	388.63	19880604	08:40	250.03

Funny River

Date	Time	Discharge	Date	Time	Discharge
19880604	11:40	263.41	19880616	02:40	232.10
19880604	16:40	263.41	19880616	09:40	229.61
19880604	17:40	252.67	19880616	13:40	247.41
19880605	00:40	250.03	19880616	17:40	234.60
19880605	02:40	271.67	19880617	01:40	222.26
19880605	08:40	268.89	19880617	08:40	229.61
19880605	10:40	285.82	19880617	17:40	212.71
19880605	17:40	268.89	19880618	01:40	203.44
19880606	01:40	271.67	19880618	13:40	224.69
19880606	04:40	271.67	19880618	17:40	210.37
19880606	05:40	510.05	19880619	01:40	208.04
19880606	06:40	282.95	19880619	04:40	222.26
19880606	14:40	300.48	19880619	09:40	212.71
19880606	17:40	312.56	19880619	17:40	205.73
19880607	02:40	337.74	19880620	01:40	219.84
19880607	09:40	340.98	19880620	09:40	232.10
19880607	16:40	344.24	19880620	16:40	222.26
19880607	17:40	331.32	19880620	17:40	215.07
19880608	05:40	309.51	19880620	23:40	210.37
19880608	16:40	306.48	19880621	01:40	212.71
19880608	17:40	297.50	19880621	07:40	201.17
19880609	03:40	280.10	19880621	09:40	201.17
19880609	15:40	274.46	19880621	11:40	212.71
19880609	17:40	266.14	19880621	15:40	203.44
19880610	00:40	255.32	19880621	17:40	196.68
19880610	03:40	266.14	19880622	00:40	185.75
19880610	17:40	260.69	19880622	04:40	201.17
19880611	06:40	266.14	19880622	07:40	198.92
19880611	17:40	263.41	19880622	08:40	205.73
19880612	00:40	252.67	19880622	09:40	237.13
19880612	12:40	250.03	19880622	11:40	217.45
19880612	17:40	237.13	19880622	14:40	212.71
19880613	04:40	232.10	19880622	17:40	201.17
19880613	07:40	227.14	19880623	00:40	201.17
19880613	08:40	364.27	19880623	01:40	364.27
19880613	09:40	232.10	19880623	02:40	263.41
19880613	16:40	227.14	19880623	03:40	190.07
19880613	17:40	219.84	19880623	08:40	187.91
19880614	03:40	217.45	19880623	17:40	185.75
19880614	07:40	208.04	19880624	00:40	185.75
19880614	11:40	222.26	19880624	01:40	367.68
19880614	17:40	212.71	19880624	02:40	181.50
19880615	00:40	201.17	19880624	16:40	177.32
19880615	01:40	227.14	19880624	17:40	173.20
19880615	04:40	215.07	19880625	00:40	167.15
19880615	08:40	219.84	19880625	08:40	175.25
19880615	12:40	232.10	19880625	10:40	183.62
19880615	17:40	222.26	19880625	17:40	177.32

Funny River

Date	Time	Discharge	Date	Time	Discharge
19880626	00:40	169.15	19880705	01:40	167.15
19880626	02:40	175.25	19880705	16:40	157.39
19880626	05:40	165.17	19880705	17:40	153.60
19880626	08:40	171.17	19880705	22:40	149.87
19880626	10:40	179.40	19880706	01:40	151.73
19880626	17:40	177.32	19880706	02:40	288.71
19880626	22:40	177.32	19880706	03:40	155.49
19880627	01:40	177.32	19880706	07:40	144.39
19880627	08:40	179.40	19880706	15:40	153.60
19880627	16:40	185.75	19880706	17:40	146.20
19880627	17:40	185.75	19880707	09:40	149.87
19880627	22:40	185.75	19880707	16:40	153.60
19880628	02:40	205.73	19880707	17:40	146.20
19880628	08:40	210.37	19880708	00:40	137.31
19880628	17:40	208.04	19880708	03:40	142.60
19880629	00:40	196.68	19880708	08:40	139.06
19880629	03:40	208.04	19880708	10:40	148.03
19880629	07:40	198.92	19880708	14:40	140.82
19880629	12:40	208.04	19880708	17:40	137.31
19880629	17:40	192.26	19880709	00:40	130.47
19880630	00:40	187.91	19880709	02:40	142.60
19880630	02:40	198.92	19880709	03:40	171.17
19880630	03:40	288.71	19880709	04:40	133.86
19880630	04:40	198.92	19880709	08:40	139.06
19880630	08:40	181.50	19880709	11:40	149.87
19880630	17:40	177.32	19880709	17:40	140.82
19880701	00:40	169.15	19880710	01:40	135.57
19880701	01:40	263.41	19880710	02:40	144.39
19880701	02:40	350.83	19880710	03:40	201.17
19880701	03:40	181.50	19880710	04:40	137.31
19880701	07:40	169.15	19880710	09:40	146.20
19880701	10:40	183.62	19880710	12:40	157.39
19880701	14:40	173.20	19880710	17:40	149.87
19880701	17:40	167.15	19880711	00:40	140.82
19880702	03:40	169.15	19880711	03:40	149.87
19880702	08:40	187.91	19880711	07:40	151.73
19880702	16:40	187.91	19880711	08:40	155.49
19880702	17:40	181.50	19880711	09:40	177.32
19880703	00:40	171.17	19880711	11:40	167.15
19880703	06:40	190.07	19880711	16:40	167.15
19880703	09:40	196.68	19880711	17:40	157.39
19880703	12:40	183.62	19880712	01:40	155.49
19880703	17:40	177.32	19880712	05:40	148.03
19880704	00:40	167.15	19880712	06:40	232.10
19880704	02:40	171.17	19880712	07:40	148.03
19880704	06:40	163.20	19880712	16:40	157.39
19880704	14:40	173.20	19880712	17:40	153.60
19880704	17:40	165.17	19880713	03:40	157.39

Funny River

Date	Time	Discharge	Date	Time	Discharge
19880713	08:40	153.60	19880727	16:45	127.13
19880713	17:40	148.03	19880727	18:45	122.25
19880713	23:40	151.73	19880728	01:45	111.35
19880714	00:40	159.31	19880728	10:45	125.49
19880714	01:40	181.50	19880728	18:45	123.86
19880714	02:40	222.26	19880729	04:45	111.35
19880714	03:40	215.07	19880729	17:45	119.06
19880714	04:40	159.31	19880729	18:45	112.86
19880714	07:40	161.25	19880730	04:45	106.89
19880714	10:40	167.15	19880730	16:45	112.86
19880714	15:40	155.49	19880730	18:45	108.36
19880714	17:40	149.87	19880731	01:45	99.73
19880714	18:45	144.39	19880731	13:45	103.98
19880715	02:45	139.06	19880731	18:45	103.98
19880715	12:45	149.87	19880801	01:45	96.96
19880715	18:45	146.20	19880801	11:45	109.85
19880716	01:45	133.86	19880801	17:45	122.25
19880716	06:45	149.87	19880801	18:45	120.65
19880716	13:45	161.25	19880802	05:45	123.86
19880716	18:45	153.60	19880802	17:45	122.25
19880717	01:45	142.60	19880802	18:45	119.06
19880717	09:45	149.87	19880803	07:45	108.36
19880717	17:45	146.20	19880803	17:45	114.39
19880717	18:45	142.60	19880803	18:45	108.36
19880718	03:45	135.57	19880804	01:45	98.34
19880718	08:45	140.82	19880804	17:45	111.35
19880718	13:45	148.03	19880804	18:45	108.36
19880718	18:45	137.31	19880805	01:45	96.96
19880719	01:45	127.13	19880805	10:45	102.55
19880719	17:45	140.82	19880805	18:45	108.36
19880719	18:45	133.86	19880806	15:45	111.35
19880720	01:45	123.86	19880806	18:45	112.86
19880720	14:45	135.57	19880807	05:45	115.93
19880720	18:45	133.86	19880807	15:45	123.86
19880721	01:45	123.86	19880807	18:45	125.49
19880721	16:45	133.86	19880807	23:45	111.35
19880721	18:45	130.47	19880808	07:45	105.43
19880722	18:45	127.13	19880808	17:45	109.85
19880723	18:45	122.25	19880808	18:45	105.43
19880724	08:45	117.49	19880809	01:45	95.60
19880724	18:45	120.65	19880809	10:45	102.55
19880725	06:45	123.86	19880809	16:45	112.86
19880725	17:45	127.13	19880809	18:45	103.98
19880725	18:45	122.25	19880810	01:45	95.60
19880725	23:45	133.86	19880810	11:45	99.73
19880726	11:45	140.82	19880810	17:45	106.89
19880726	18:45	132.15	19880810	18:45	105.43
19880727	05:45	122.25	19880811	00:45	99.73

Funny River

Date	Time	Discharge	Date	Time	Discharge
19880811	05:45	112.86	19880823	12:45	153.60
19880811	11:45	127.13	19880823	18:45	155.49
19880811	15:45	142.60	19880823	22:45	149.87
19880811	18:45	151.73	19880824	07:45	135.57
19880812	00:45	135.57	19880824	18:45	130.47
19880812	18:45	132.15	19880825	01:45	119.06
19880813	03:45	117.49	19880825	07:45	123.86
19880813	10:45	111.35	19880825	18:45	128.79
19880813	17:45	112.86	19880826	03:45	132.15
19880813	18:45	106.89	19880826	08:45	148.03
19880813	22:45	105.43	19880826	17:45	157.39
19880814	01:45	98.34	19880826	18:45	151.73
19880814	11:45	102.55	19880827	02:45	140.82
19880814	14:45	109.85	19880827	18:45	140.82
19880814	18:45	98.34	19880828	18:45	135.57
19880815	01:45	90.27	19880829	18:45	137.31
19880815	11:45	98.34	19880830	02:45	153.60
19880815	15:45	103.98	19880830	10:45	163.20
19880815	16:45	119.06	19880830	16:45	171.17
19880815	17:45	103.98	19880830	18:45	165.17
19880815	18:45	98.34	19880831	01:45	157.39
19880816	07:45	92.91	19880831	11:45	161.25
19880816	14:45	103.98	19880831	15:45	177.32
19880816	18:45	96.96	19880831	18:45	181.50
19880817	01:45	88.98	19880901	04:45	192.26
19880817	15:45	92.91	19880901	18:45	185.75
19880817	18:45	91.59	19880901	22:45	181.50
19880818	11:45	94.25	19880902	11:45	167.15
19880818	18:45	92.91	19880902	14:45	175.25
19880818	20:45	98.34	19880902	18:45	161.25
19880819	00:45	87.69	19880903	10:45	144.39
19880819	12:45	91.59	19880903	17:45	148.03
19880819	18:45	91.59	19880903	18:45	142.60
19880820	06:45	94.25	19880904	01:45	132.15
19880820	13:45	98.34	19880904	18:45	130.47
19880820	16:45	106.89	19880905	10:45	120.65
19880820	18:45	102.55	19880905	18:45	122.25
19880821	02:45	94.25	19880906	01:45	112.86
19880821	12:45	96.96	19880906	17:45	115.93
19880821	18:45	108.36	19880906	18:45	111.35
19880821	22:45	122.25	19880907	18:45	108.36
19880822	00:45	133.86	19880908	01:45	101.13
19880822	03:45	148.03	19880908	17:45	106.89
19880822	07:45	163.20	19880908	18:45	102.55
19880822	13:45	181.50	19880909	01:45	96.96
19880822	18:45	192.26	19880909	17:45	102.55
19880822	23:45	187.91	19880909	18:45	98.34
19880823	05:45	169.15	19880910	10:45	101.13



Funny River

Date	Time	Discharge	Date	Time	Discharge
19880910	17:45	108.36	19880930	18:45	92.91
19880910	18:45	105.43	19881001	01:45	88.98
19880911	17:45	105.43	19881001	05:45	92.91
19880911	18:45	101.13	19881001	17:45	95.60
19880912	09:45	103.98	19881001	18:45	90.27
19880912	17:45	112.86	19881002	13:45	96.96
19880912	18:45	112.86	19881002	18:45	98.34
19880913	03:45	120.65	19881003	13:45	102.55
19880913	09:45	133.86	19881003	18:45	103.98
19880913	18:45	144.39	19881004	09:45	109.85
19880914	17:45	142.60	19881004	18:45	111.35
19880914	18:45	137.31	19881005	02:45	123.86
19880915	04:45	132.15	19881005	08:45	139.06
19880915	17:45	133.86	19881005	12:45	153.60
19880915	18:45	127.13	19881005	16:45	171.17
19880916	18:45	120.65	19881005	18:45	183.62
19880917	09:45	115.93	19881005	20:45	198.92
19880917	18:45	115.93	19881005	23:45	219.84
19880918	09:45	109.85	19881006	03:45	242.23
19880918	17:45	114.39	19881006	10:45	266.14
19880918	18:45	109.85	19881006	18:45	263.41
19880919	18:45	106.89	19881007	02:45	244.81
19880920	10:45	115.93	19881007	09:45	237.13
19880920	16:45	125.49	19881007	17:45	227.14
19880920	18:45	123.86	19881007	18:45	222.26
19880921	08:45	133.86	19881008	01:45	227.14
19880921	18:45	140.82	19881008	05:45	247.41
19880922	05:45	151.73	19881008	14:45	268.89
19880922	17:45	137.31	19881008	18:45	266.14
19880922	18:45	133.86	19881009	00:45	255.32
19880923	02:45	128.79	19881009	11:45	234.60
19880923	18:45	128.79	19881009	17:45	227.14
19880924	01:45	125.49	19881009	18:45	219.84
19880924	05:45	130.47	19881010	01:45	203.44
19880924	17:45	130.47	19881010	07:45	198.92
19880924	18:45	123.86	19881010	16:45	187.91
19880925	06:45	119.06	19881010	18:45	181.50
19880925	17:45	122.25	19881011	13:45	169.15
19880925	18:45	115.93	19881011	18:45	163.20
19880926	17:45	115.93	19881012	07:45	159.31
19880926	18:45	109.85	19881012	18:45	151.73
19880927	18:45	105.43	19881013	11:45	144.39
19880928	01:45	99.73	19881013	17:45	144.39
19880928	18:45	99.73	19881013	18:45	139.06
19880929	01:45	95.60	19881014	02:45	135.57
19880929	05:45	99.73	19881014	04:45	127.13
19880929	17:45	102.55	19881014	06:45	112.86
19880929	18:45	96.96	19881014	07:45	102.55

Funny River

Date	Time	Discharge	Date	Time	Discharge
19881014	11:00	83.91	19881023	04:00	88.98
19881014	13:00	90.27	19881023	07:00	79.04
19881014	15:00	102.55	19881023	11:00	68.81
19881014	16:00	114.39	19881023	15:00	76.69
19881014	18:00	125.49	19881023	17:00	86.42
19881014	22:00	111.35	19881023	19:00	92.91
19881015	03:00	106.89	19881023	21:00	96.96
19881015	05:00	95.60	19881023	22:00	88.98
19881015	07:00	85.16	19881023	24:00	80.24
19881015	08:00	79.04	19881024	03:00	71.00
19881015	10:00	69.90	19881024	04:00	119.06
19881015	11:00	66.67	19881024	05:00	111.35
19881015	15:00	74.38	19881024	06:00	99.73
19881015	16:00	82.67	19881024	07:00	88.98
19881015	17:00	92.91	19881024	11:00	83.91
19881015	19:00	96.96	19881024	15:00	86.42
19881015	22:00	87.69	19881024	18:00	95.60
19881015	24:00	77.86	19881025	10:00	92.91
19881016	11:00	71.00	19881025	11:00	91.59
19881016	13:00	79.04	19881025	20:00	103.98
19881016	15:00	90.27	19881025	24:00	91.59
19881016	17:00	98.34	19881026	05:00	82.67
19881016	20:00	105.43	19881026	09:00	74.38
19881017	02:00	98.34	19881026	11:00	73.24
19881017	03:00	117.49	19881026	15:00	83.91
19881017	04:00	192.26	19881027	02:00	88.98
19881017	05:00	167.15	19881027	11:00	90.27
19881017	06:00	140.82	19881027	15:00	99.73
19881017	08:00	125.49	19881027	20:00	105.43
19881017	09:00	112.86	19881028	01:00	99.73
19881017	11:00	101.13	19881028	11:00	96.96
19881017	18:00	105.43	19881028	17:00	108.36
19881018	01:00	108.36	19881029	01:00	101.13
19881018	11:00	109.85	19881029	11:00	96.96
19881018	17:00	114.39	19881029	17:00	101.13
19881019	11:00	111.35	19881030	05:00	94.25
19881020	04:00	115.93	19881030	11:00	85.16
19881020	11:00	117.49	19881030	15:00	83.91
19881021	11:00	115.93	19881030	19:00	92.91
19881021	20:00	112.86	19881030	22:00	82.67
19881022	04:00	105.43	19881031	03:00	72.12
19881022	06:00	96.96	19881031	11:00	66.67
19881022	08:00	86.42	19881031	15:00	75.53
19881022	11:00	79.04	19881031	19:00	86.42
19881022	14:00	90.27	19881031	23:00	82.67
19881022	16:00	101.13	19881101	03:00	72.12
19881022	18:00	108.36	19881101	07:00	63.54
19881022	23:00	95.60	19881101	10:00	54.77

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Date	Time	Discharge	Date	Time	Discharge
19881101	11:00	53.85	19881112	15:00	76.69
19881101	16:00	56.64	19881112	23:00	73.24
19881101	24:00	54.77	19881113	10:00	81.45
19881102	05:00	47.70	19881113	11:00	80.24
19881102	09:00	42.05	19881113	18:00	83.91
19881102	11:00	45.22	19881114	11:00	83.91
19881102	14:00	43.62	19881114	18:00	87.69
19881102	18:00	42.05	19881115	11:00	90.27
19881102	20:00	42.05	19881115	18:00	96.96
19881102	21:00	101.13	19881116	11:00	94.25
19881102	22:00	77.86	19881117	11:00	92.91
19881102	23:00	66.67	19881118	07:00	94.25
19881102	24:00	58.56	19881118	11:00	101.13
19881103	03:00	52.94	19881118	15:00	99.73
19881103	11:00	53.85	19881118	20:00	92.91
19881103	14:00	53.85	19881119	01:00	103.98
19881103	17:00	46.04	19881119	08:00	117.49
19881103	23:00	45.22	19881119	11:00	123.86
19881104	02:00	52.94	19881119	14:00	120.65
19881104	06:00	61.52	19881119	16:00	109.85
19881104	11:00	62.53	19881119	18:00	101.13
19881104	15:00	59.53	19881119	19:00	90.27
19881104	18:00	52.94	19881120	01:00	80.24
19881104	21:00	48.55	19881120	11:00	81.45
19881105	02:00	56.64	19881120	23:00	88.98
19881105	06:00	62.53	19881121	11:00	95.60
19881105	11:00	53.85	19881122	05:00	99.73
19881105	17:00	47.70	19881122	11:00	98.34
19881106	03:00	49.40	19881122	23:00	102.55
19881106	11:00	48.55	19881123	05:00	109.85
19881106	18:00	54.77	19881123	10:00	115.93
19881107	08:00	59.53	19881123	11:00	115.93
19881107	11:00	61.52	19881123	23:00	106.89
19881107	18:00	68.81	19881124	02:00	120.65
19881108	03:00	69.90	19881124	06:00	132.15
19881108	10:00	73.24	19881124	10:00	132.15
19881108	11:00	73.24	19881124	11:00	125.49
19881108	18:00	82.67	19881124	17:00	112.86
19881109	11:00	79.04	19881125	11:00	112.86
19881109	20:00	88.98	19881125	15:00	112.86
19881110	11:00	86.42	19881125	17:00	99.73
19881110	17:00	90.27	19881126	01:00	103.98
19881111	01:00	86.42	19881126	10:00	111.35
19881111	11:00	85.16	19881126	11:00	109.85
19881111	18:00	87.69	19881127	03:00	114.39
19881111	22:00	82.67	19881127	11:00	119.06
19881112	08:00	94.25	19881127	18:00	125.49
19881112	11:00	87.69	19881127	23:00	128.79

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Date	Time	Discharge	Date	Time	Discharge
19881128	02:00	144.39	19881212	11:00	328.14
19881128	04:00	161.25	19881212	17:00	344.24
19881128	07:00	177.32	19881212	23:00	371.12
19881128	11:00	194.46	19881213	03:00	403.04
19881128	15:00	192.26	19881213	04:00	417.81
19881128	18:00	181.50	19881213	05:00	452.40
19881128	22:00	169.15	19881213	09:00	488.91
19881129	06:00	163.20	19881213	11:00	501.52
19881129	11:00	151.73	19881213	18:00	493.09
19881130	02:00	148.03	19881213	22:00	472.45
19881130	11:00	149.87	19881214	10:00	444.55
19881130	24:00	153.60	19881214	11:00	440.66
19881201	09:00	165.17	19881214	18:00	425.33
19881201	11:00	161.25	19881215	05:00	392.20
19881201	16:00	146.20	19881215	11:00	392.20
19881202	02:00	149.87	19881215	18:00	385.08
19881202	08:00	159.31	19881216	03:00	360.87
19881202	11:00	157.39	19881216	11:00	364.27
19881203	02:00	167.15	19881217	02:00	357.50
19881203	11:00	167.15	19881217	11:00	347.52
19881203	18:00	175.25	19881217	24:00	334.52
19881204	04:00	185.75	19881218	10:00	321.85
19881204	11:00	190.07	19881218	11:00	315.64
19881204	16:00	194.46	19881218	21:00	297.50
19881204	17:00	185.75	19881219	10:00	291.62
19881204	20:00	173.20	19881219	11:00	288.71
19881205	07:00	181.50	19881220	03:00	268.89
19881205	11:00	183.62	19881220	11:00	263.41
19881205	18:00	190.07	19881220	17:00	255.32
19881206	06:00	194.46	19881220	21:00	268.89
19881206	11:00	201.17	19881221	05:00	258.00
19881206	20:00	208.04	19881221	08:00	237.13
19881207	11:00	212.71	19881221	11:00	242.23
19881207	18:00	229.61	19881221	23:00	237.13
19881207	20:00	212.71	19881221	24:00	222.26
19881207	24:00	203.44	19881222	02:00	201.17
19881208	11:00	219.84	19881222	11:00	192.26
19881208	18:00	229.61	19881222	14:00	187.91
19881209	03:00	232.10	19881222	15:00	169.15
19881209	10:00	242.23	19881222	17:00	165.17
19881209	11:00	237.13	19881222	19:00	177.32
19881210	01:00	244.81	19881222	20:00	185.75
19881210	11:00	250.03	19881222	21:00	208.04
19881210	24:00	274.46	19881222	24:00	229.61
19881211	10:00	285.82	19881223	07:00	244.81
19881211	11:00	285.82	19881223	11:00	242.23
19881211	21:00	297.50	19881223	24:00	247.41
19881212	06:00	303.47	19881224	09:00	271.67

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Date	Time	Discharge	Date	Time	Discharge
19881224	11:00	271.67	19890107	01:00	155.49
19881224	18:00	274.46	19890107	11:00	163.20
19881224	22:00	252.67	19890107	21:00	181.50
19881225	07:00	229.61	19890108	11:00	196.68
19881225	11:00	232.10	19890108	21:00	192.26
19881225	18:00	217.45	19890109	11:00	194.46
19881226	02:00	239.67	19890110	09:00	185.75
19881226	11:00	232.10	19890110	11:00	181.50
19881226	16:00	229.61	19890110	18:00	179.40
19881226	22:00	208.04	19890110	23:00	161.25
19881227	07:00	194.46	19890111	04:00	167.15
19881227	11:00	194.46	19890111	09:00	163.20
19881228	11:00	194.46	19890111	11:00	167.15
19881229	01:00	190.07	19890111	13:40	179.40
19881229	08:00	192.26	19890112	05:40	196.68
19881229	11:00	201.17	19890112	13:40	192.26
19881229	15:00	198.92	19890112	22:40	185.75
19881229	20:00	179.40	19890113	03:40	177.32
19881230	11:00	179.40	19890113	13:40	175.25
19881231	01:00	183.62	19890113	17:40	163.20
19881231	11:00	187.91	19890113	21:40	146.20
19881231	16:00	185.75	19890114	04:40	153.60
19881231	20:00	177.32	19890114	11:40	142.60
19890101	08:00	190.07	19890114	13:40	139.06
19890101	11:00	192.26	19890114	21:40	144.39
19890101	22:00	187.91	19890115	11:40	149.87
19890102	09:00	179.40	19890115	13:40	151.73
19890102	11:00	173.20	19890116	01:40	142.60
19890102	16:00	157.39	19890116	07:40	139.06
19890102	22:00	165.17	19890116	12:40	137.31
19890103	02:00	148.03	19890116	13:40	142.60
19890103	03:00	190.07	19890116	20:40	130.47
19890103	08:00	177.32	19890117	08:40	123.86
19890103	11:00	163.20	19890117	10:40	123.86
19890103	16:00	155.49	19890117	11:40	133.86
19890104	06:00	151.73	19890117	12:40	151.73
19890104	10:00	139.06	19890117	13:40	153.60
19890104	11:00	140.82	19890117	18:40	155.49
19890104	18:00	144.39	19890117	20:40	140.82
19890105	09:00	146.20	19890118	02:40	135.57
19890105	11:00	149.87	19890118	06:40	144.39
19890105	12:00	153.60	19890118	07:40	139.06
19890105	13:00	175.25	19890118	08:40	117.49
19890105	21:00	181.50	19890118	11:40	128.79
19890106	11:00	183.62	19890118	13:40	137.31
19890106	16:00	194.46	19890118	20:40	135.57
19890106	17:00	190.07	19890119	01:40	120.65
19890106	18:00	173.20	19890119	05:40	123.86

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Date	Time	Discharge	Date	Time	Discharge
19890119	09:40	133.86	19890202	18:40	157.39
19890119	11:40	123.86	19890203	13:40	155.49
19890119	13:40	112.86	19890203	17:40	165.17
19890119	14:40	122.25	19890204	13:40	167.15
19890119	17:40	133.86	19890204	18:40	175.25
19890120	00:40	128.79	19890205	11:40	177.32
19890120	13:40	125.49	19890205	13:40	175.25
19890121	04:40	128.79	19890205	17:40	187.91
19890121	13:40	133.86	19890206	09:40	192.26
19890121	22:40	135.57	19890206	13:40	194.46
19890122	10:40	140.82	19890206	18:40	208.04
19890122	12:40	144.39	19890207	08:40	212.71
19890122	13:40	181.50	19890207	13:40	217.45
19890122	20:40	181.50	19890207	19:40	229.61
19890123	02:40	167.15	19890208	13:40	239.67
19890123	08:40	161.25	19890208	20:40	247.41
19890123	13:40	155.49	19890209	13:40	247.41
19890123	22:40	165.17	19890209	18:40	255.32
19890124	13:40	181.50	19890210	13:40	252.67
19890124	15:40	198.92	19890211	13:40	258.00
19890125	09:40	187.91	19890212	13:40	255.32
19890125	13:40	185.75	19890213	13:40	252.67
19890126	03:40	196.68	19890214	13:40	247.41
19890126	10:40	185.75	19890215	11:40	252.67
19890126	13:40	183.62	19890215	13:40	255.32
19890126	21:40	190.07	19890216	01:40	271.67
19890127	13:40	192.26	19890216	13:40	280.10
19890127	18:40	198.92	19890217	01:40	294.55
19890127	23:40	205.73	19890217	11:40	318.73
19890128	07:40	222.26	19890217	13:40	318.73
19890128	12:40	229.61	19890217	23:40	344.24
19890128	13:40	222.26	19890218	12:40	350.83
19890128	20:40	232.10	19890218	13:40	340.98
19890129	07:40	227.14	19890218	22:40	371.12
19890129	13:40	210.37	19890219	10:40	340.98
19890129	17:40	201.17	19890219	13:40	331.32
19890129	23:40	183.62	19890219	22:40	344.24
19890130	12:40	185.75	19890220	05:40	318.73
19890130	13:40	167.15	19890220	12:40	300.48
19890130	23:40	161.25	19890220	13:40	288.71
19890131	04:40	153.60	19890221	00:40	282.95
19890131	09:40	159.31	19890221	13:40	277.27
19890131	13:40	159.31	19890222	05:40	294.55
19890201	00:40	155.49	19890222	13:40	303.47
19890201	12:40	157.39	19890223	12:40	303.47
19890201	13:40	151.73	19890223	13:40	294.55
19890202	11:40	155.49	19890224	00:40	288.71
19890202	13:40	151.73	19890224	13:40	274.46

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Date	Time	Discharge	Date	Time	Discharge
19890224	20:40	271.67	19890310	04:40	185.75
19890225	09:40	250.03	19890310	11:40	198.92
19890225	13:40	244.81	19890310	13:40	198.92
19890226	06:40	234.60	19890310	18:40	217.45
19890226	13:40	232.10	19890311	03:40	198.92
19890227	06:40	227.14	19890311	09:40	194.46
19890227	13:40	224.69	19890311	13:40	210.37
19890227	22:40	219.84	19890311	18:40	224.69
19890228	05:40	208.04	19890312	04:40	205.73
19890228	13:40	190.07	19890312	10:40	212.71
19890228	19:40	183.62	19890312	13:40	219.84
19890228	22:40	165.17	19890312	17:40	239.67
19890301	04:40	148.03	19890313	04:40	224.69
19890301	12:40	149.87	19890313	10:40	232.10
19890301	13:40	144.39	19890313	13:40	244.81
19890301	20:40	155.49	19890313	18:40	263.41
19890302	04:40	148.03	19890314	02:40	252.67
19890302	12:40	153.60	19890314	10:40	258.00
19890302	13:40	149.87	19890314	13:40	266.14
19890303	01:40	146.20	19890314	18:40	285.82
19890303	07:40	137.31	19890315	03:40	271.67
19890303	13:40	135.57	19890315	11:40	282.95
19890303	19:40	144.39	19890315	13:40	282.95
19890303	20:40	155.49	19890315	19:40	303.47
19890303	22:40	173.20	19890316	08:40	280.10
19890304	02:40	179.40	19890316	13:40	300.48
19890304	09:40	187.91	19890316	18:40	321.85
19890304	13:40	194.46	19890317	02:40	309.51
19890304	20:40	208.04	19890317	10:40	315.64
19890305	02:40	187.91	19890317	13:40	321.85
19890305	13:40	185.75	19890317	18:40	337.74
19890305	19:40	196.68	19890318	06:40	347.52
19890306	04:40	177.32	19890318	12:40	371.12
19890306	11:40	183.62	19890318	13:40	364.27
19890306	13:40	181.50	19890319	02:40	378.05
19890306	19:40	194.46	19890319	10:40	399.40
19890307	04:40	179.40	19890319	13:40	378.05
19890307	11:40	187.91	19890320	04:40	385.08
19890307	13:40	187.91	19890320	12:40	395.79
19890307	19:40	203.44	19890320	13:40	385.08
19890308	04:40	183.62	19890321	13:40	374.57
19890308	11:40	192.26	19890322	00:40	381.56
19890308	13:40	192.26	19890322	10:40	403.04
19890308	18:40	203.44	19890322	13:40	385.08
19890309	03:40	185.75	19890323	12:40	378.05
19890309	11:40	187.91	19890323	13:40	367.68
19890309	13:40	187.91	19890324	00:40	371.12
19890309	18:40	205.73	19890324	07:40	388.63

Funny River

Date	Time	Discharge	Date	Time	Discharge
19890324	12:40	385.08	19890404	10:40	266.14
19890324	13:40	371.12	19890404	11:40	294.55
19890324	20:40	354.16	19890404	13:40	274.46
19890325	13:40	347.52	19890404	14:40	247.41
19890326	12:40	340.98	19890404	20:40	232.10
19890326	13:40	334.52	19890405	08:40	247.41
19890326	19:40	344.24	19890405	12:40	263.41
19890327	11:40	337.74	19890405	13:40	258.00
19890327	13:40	328.14	19890405	15:40	282.95
19890327	17:40	334.52	19890405	17:40	263.41
19890328	01:40	340.98	19890406	01:40	288.71
19890328	08:40	360.87	19890406	08:40	315.64
19890328	12:40	350.83	19890406	11:40	318.73
19890328	13:40	331.32	19890406	12:40	306.48
19890328	19:40	318.73	19890406	13:40	282.95
19890329	04:40	315.64	19890406	15:40	300.48
19890329	09:40	328.14	19890406	19:40	274.46
19890329	12:40	318.73	19890407	01:40	268.89
19890329	13:40	297.50	19890407	09:40	271.67
19890329	18:40	274.46	19890407	12:40	280.10
19890330	00:40	255.32	19890407	13:40	271.67
19890330	08:40	277.27	19890407	20:40	258.00
19890330	12:40	282.95	19890407	21:40	285.82
19890330	13:40	268.89	19890407	23:40	260.69
19890330	16:40	263.41	19890408	03:40	277.27
19890330	18:40	288.71	19890408	09:40	291.62
19890330	20:40	266.14	19890408	12:40	274.46
19890331	02:40	252.67	19890408	13:40	260.69
19890331	12:40	252.67	19890408	16:40	258.00
19890331	13:40	244.81	19890408	20:40	247.41
19890331	20:40	244.81	19890409	04:40	255.32
19890331	21:40	268.89	19890409	07:40	274.46
19890401	00:40	244.81	19890409	12:40	285.82
19890401	06:40	252.67	19890409	13:40	258.00
19890401	13:40	252.67	19890409	14:40	266.14
19890402	07:40	263.41	19890409	15:40	318.73
19890402	12:40	271.67	19890409	16:40	250.03
19890402	13:40	263.41	19890410	00:40	247.41
19890402	15:40	282.95	19890410	01:40	258.00
19890402	18:40	271.67	19890410	09:40	266.14
19890402	22:40	288.71	19890410	12:40	258.00
19890403	02:40	274.46	19890410	13:40	244.81
19890403	12:40	297.50	19890411	00:40	263.41
19890403	13:40	277.27	19890411	06:40	288.71
19890403	15:40	291.62	19890411	09:40	303.47
19890403	17:40	268.89	19890411	10:40	340.98
19890403	20:40	255.32	19890411	11:40	312.56
19890404	06:40	260.69	19890411	13:40	297.50



Funny River

Date	Time	Discharge	Date	Time	Discharge
19890411	19:40	324.98	19890417	13:40	303.47
19890411	23:40	347.52	19890417	19:40	277.27
19890412	06:40	364.27	19890418	00:40	252.67
19890412	09:40	388.63	19890418	08:40	232.10
19890412	12:40	395.79	19890418	12:40	252.67
19890412	13:40	371.12	19890418	13:40	242.23
19890412	20:40	371.12	19890418	15:40	232.10
19890413	00:40	399.40	19890418	18:40	217.45
19890413	02:40	432.95	19890418	23:40	237.13
19890413	05:40	460.35	19890419	01:40	215.07
19890413	07:40	476.53	19890419	09:40	208.04
19890413	08:40	456.36	19890419	12:40	222.26
19890413	12:40	429.13	19890419	13:40	205.73
19890413	13:40	406.70	19890419	16:40	201.17
19890413	14:40	378.05	19890419	17:40	173.20
19890413	16:40	350.83	19890419	18:40	194.46
19890413	20:40	340.98	19890419	20:40	208.04
19890413	23:40	354.16	19890419	22:40	224.69
19890414	06:40	367.68	19890420	01:40	215.07
19890414	09:40	360.87	19890420	06:40	219.84
19890414	12:40	374.57	19890420	08:40	210.37
19890414	13:40	354.16	19890420	09:40	217.45
19890414	15:40	334.52	19890420	10:40	252.67
19890414	17:40	309.51	19890420	11:40	224.69
19890414	23:40	334.52	19890420	13:40	203.44
19890415	09:40	331.32	19890420	16:40	224.69
19890415	10:40	350.83	19890420	18:40	219.84
19890415	11:40	406.70	19890420	21:40	232.10
19890415	12:40	340.98	19890421	04:40	252.67
19890415	13:40	321.85	19890421	10:40	274.46
19890415	19:40	300.48	19890421	13:40	252.67
19890415	20:40	315.64	19890421	15:40	268.89
19890415	21:40	350.83	19890421	18:40	288.71
19890415	23:40	324.98	19890421	21:40	288.71
19890416	01:40	334.52	19890421	23:40	309.51
19890416	09:40	312.56	19890422	04:40	285.82
19890416	10:40	258.00	19890422	09:40	300.48
19890416	11:40	324.98	19890422	12:40	321.85
19890416	12:40	303.47	19890422	13:40	288.71
19890416	13:40	280.10	19890422	14:40	300.48
19890416	17:40	277.27	19890422	15:40	318.73
19890416	20:40	271.67	19890422	16:40	280.10
19890416	22:40	297.50	19890422	19:40	294.55
19890416	23:40	282.95	19890422	20:40	328.14
19890417	02:40	260.69	19890422	22:40	303.47
19890417	08:40	268.89	19890422	23:40	331.32
19890417	10:40	280.10	19890423	03:40	350.83
19890417	11:40	300.48	19890423	08:40	321.85

Funny River

Date	Time	Discharge	Date	Time	Discharge
19890423	10:40	321.85	19890502	13:40	227.14
19890423	11:40	288.71	19890502	22:40	224.69
19890423	13:40	282.95	19890503	02:40	247.41
19890423	14:40	294.55	19890503	05:40	271.67
19890423	15:40	321.85	19890503	08:40	288.71
19890423	16:40	288.71	19890503	09:40	337.74
19890423	19:40	268.89	19890503	10:40	282.95
19890423	21:40	294.55	19890503	13:40	271.67
19890424	00:40	306.48	19890503	18:40	266.14
19890424	04:40	291.62	19890504	02:40	260.69
19890424	08:40	285.82	19890504	12:40	280.10
19890424	13:40	260.69	19890504	13:40	291.62
19890424	19:40	263.41	19890504	17:40	271.67
19890425	02:40	250.03	19890505	03:40	250.03
19890425	13:40	244.81	19890505	08:40	255.32
19890425	15:40	260.69	19890505	11:40	263.41
19890425	18:40	263.41	19890505	12:40	252.67
19890425	21:40	288.71	19890505	13:40	234.60
19890426	03:40	315.64	19890505	18:40	217.45
19890426	09:40	300.48	19890506	04:40	222.26
19890426	12:40	303.47	19890506	09:40	224.69
19890426	13:40	282.95	19890506	11:40	237.13
19890426	20:40	282.95	19890506	12:40	222.26
19890427	03:40	300.48	19890506	13:40	210.37
19890427	09:40	300.48	19890506	18:40	194.46
19890427	11:40	288.71	19890506	22:40	196.68
19890427	13:40	271.67	19890507	08:40	201.17
19890428	02:40	274.46	19890507	12:40	194.46
19890428	07:40	291.62	19890507	13:40	187.91
19890428	13:40	266.14	19890507	21:40	179.40
19890428	17:40	291.62	19890508	07:40	183.62
19890429	01:40	318.73	19890508	12:40	192.26
19890429	09:40	291.62	19890508	13:40	187.91
19890429	12:40	277.27	19890508	18:40	192.26
19890429	13:40	255.32	19890509	04:40	181.50
19890430	06:40	250.03	19890509	12:40	198.92
19890430	12:40	234.60	19890509	13:40	194.46
19890430	13:40	217.45	19890509	19:40	187.91
19890430	20:40	224.69	19890510	00:40	171.17
19890501	01:40	229.61	19890510	05:40	177.32
19890501	10:40	237.13	19890510	09:40	190.07
19890501	12:40	222.26	19890510	11:40	205.73
19890501	13:40	210.37	19890510	13:40	187.91
19890502	01:40	212.71	19890510	21:40	177.32
19890502	03:40	232.10	19890511	00:40	185.75
19890502	08:40	229.61	19890511	04:40	173.20
19890502	09:40	255.32	19890511	08:40	185.75
19890502	11:40	232.10	19890511	12:00	169.15

Funny River

Date	Time	Discharge	Date	Time	Discharge
19890511	15:00	181.50	19890525	12:00	194.46
19890511	22:00	179.40	19890525	14:00	205.73
19890512	03:00	169.15	19890525	20:00	187.91
19890512	11:00	179.40	19890526	06:00	179.40
19890512	12:00	173.20	19890526	12:00	181.50
19890512	19:00	171.17	19890526	19:00	179.40
19890513	03:00	159.31	19890527	04:00	167.15
19890513	12:00	163.20	19890527	12:00	167.15
19890514	03:00	167.15	19890527	17:00	179.40
19890514	11:00	177.32	19890528	05:00	187.91
19890514	12:00	175.25	19890528	10:00	208.04
19890514	19:00	181.50	19890528	12:00	212.71
19890515	03:00	173.20	19890528	19:00	224.69
19890515	12:00	171.17	19890529	07:00	237.13
19890516	02:00	167.15	19890529	11:00	258.00
19890516	12:00	165.17	19890529	12:00	242.23
19890516	19:00	169.15	19890529	22:00	232.10
19890517	02:00	151.73	19890530	05:00	234.60
19890517	12:00	157.39	19890530	11:00	255.32
19890518	08:00	161.25	19890530	12:00	263.41
19890518	12:00	159.31	19890530	18:00	250.03
19890518	19:00	161.25	19890530	23:00	237.13
19890519	03:00	149.87	19890530	24:00	263.41
19890519	11:00	157.39	19890531	01:00	232.10
19890519	12:00	151.73	19890531	08:00	255.32
19890519	24:00	148.03	19890531	12:00	255.32
19890520	03:00	139.06	19890531	16:00	234.60
19890520	11:00	144.39	19890531	23:00	217.45
19890520	12:00	142.60	19890601	03:00	196.68
19890520	19:00	146.20	19890601	12:00	187.91
19890521	03:00	132.15	19890601	14:00	192.26
19890521	09:00	146.20	19890601	16:00	179.40
19890521	12:00	153.60	19890601	19:00	177.32
19890521	15:00	171.17	19890602	04:00	163.20
19890521	20:00	187.91	19890602	12:00	161.25
19890521	24:00	201.17	19890602	14:00	167.15
19890522	06:00	205.73	19890602	15:00	227.14
19890522	12:00	222.26	19890602	16:00	167.15
19890522	18:00	232.10	19890602	19:00	169.15
19890523	02:00	210.37	19890602	23:00	151.73
19890523	12:00	210.37	19890603	07:00	157.39
19890523	20:00	198.92	19890603	09:00	167.15
19890523	24:00	198.92	19890603	12:00	175.25
19890524	04:00	190.07	19890603	24:00	181.50
19890524	12:00	198.92	19890604	06:00	201.17
19890524	19:00	196.68	19890604	11:00	222.26
19890524	22:00	187.91	19890604	12:00	360.87
19890525	10:00	192.26	19890604	13:00	210.37

Funny River

Date	Time	Discharge	Date	Time	Discharge
19890604	17:00	190.07	19890613	12:00	115.93
19890604	23:00	171.17	19890613	19:00	114.39
19890605	09:00	167.15	19890613	23:00	108.36
19890605	10:00	266.14	19890614	02:00	115.93
19890605	11:00	181.50	19890614	09:00	114.39
19890605	12:00	318.73	19890614	11:00	127.13
19890605	13:00	167.15	19890614	12:00	132.15
19890605	19:00	159.31	19890614	17:00	123.86
19890605	24:00	146.20	19890614	20:00	120.65
19890606	07:00	155.49	19890614	22:00	128.79
19890606	10:00	167.15	19890615	03:00	119.06
19890606	12:00	179.40	19890615	12:00	132.15
19890606	14:00	167.15	19890615	15:00	122.25
19890606	16:00	173.20	19890615	19:00	123.86
19890606	19:00	157.39	19890615	22:00	114.39
19890607	01:00	142.60	19890616	10:00	114.39
19890607	09:00	148.03	19890616	11:00	119.06
19890607	12:00	157.39	19890616	12:00	149.87
19890607	19:00	149.87	19890616	13:00	117.49
19890607	21:00	144.39	19890616	19:00	114.39
19890607	24:00	144.39	19890617	02:00	102.55
19890608	04:00	135.57	19890617	10:00	103.98
19890608	12:00	146.20	19890617	12:00	109.85
19890608	15:00	151.73	19890617	19:00	109.85
19890608	17:00	139.06	19890617	24:00	99.73
19890608	20:00	151.73	19890618	09:00	106.89
19890608	23:00	135.57	19890618	11:00	120.65
19890609	12:00	133.86	19890618	12:00	106.89
19890609	19:00	128.79	19890618	18:00	112.86
19890609	23:00	122.25	19890618	22:00	103.98
19890610	08:00	127.13	19890618	23:00	106.89
19890610	12:00	135.57	19890618	24:00	125.49
19890610	17:00	140.82	19890619	01:00	101.13
19890610	19:00	130.47	19890619	08:00	103.98
19890610	21:00	132.15	19890619	10:00	111.35
19890610	24:00	142.60	19890619	12:00	115.93
19890611	04:00	127.13	19890619	19:00	115.93
19890611	12:00	128.79	19890619	24:00	102.55
19890611	17:00	132.15	19890620	08:00	101.13
19890611	21:00	117.49	19890620	10:00	109.85
19890611	24:00	122.25	19890620	11:00	119.06
19890612	03:00	109.85	19890620	12:00	157.39
19890612	12:00	120.65	19890620	13:00	114.39
19890612	14:00	135.57	19890620	19:00	111.35
19890612	16:00	120.65	19890620	23:00	102.55
19890612	22:00	114.39	19890621	07:00	106.89
19890612	24:00	120.65	19890621	10:00	114.39
19890613	03:00	112.86	19890621	11:00	171.17

# Funny River

Date	Time	Discharge	Date	Time	Discharge
19890621	12:00	105.43	19890701	20:30	95.60
19890621	19:00	103.98	19890702	05:30	87.69
19890621	24:00	98.34	19890702	09:30	96.96
19890622	07:00	109.85	19890702	11:30	109.85
19890622	12:00	123.86	19890702	12:30	127.13
19890622	13:00	163.20	19890702	14:30	112.86
19890622	14:00	120.65	19890702	20:30	101.13
19890622	19:00	115.93	19890702	23:30	92.91
19890622	24:00	106.89	19890703	09:30	92.91
19890623	09:30	96.96	19890703	14:30	103.98
19890623	13:30	105.43	19890703	16:30	112.86
19890624	01:30	96.96	19890703	18:30	99.73
19890624	09:30	103.98	19890704	01:30	90.27
19890624	16:30	112.86	19890704	09:30	92.91
19890625	00:30	102.55	19890704	11:30	99.73
19890625	09:30	101.13	19890704	13:30	106.89
19890625	14:30	108.36	19890704	16:30	102.55
19890625	23:30	99.73	19890704	19:30	95.60
19890626	05:30	92.91	19890704	23:30	95.60
19890626	09:30	96.96	19890705	01:30	83.91
19890626	13:30	108.36	19890705	09:30	83.91
19890626	16:30	112.86	19890705	14:30	94.25
19890626	18:30	114.39	19890705	22:30	96.96
19890626	19:30	125.49	19890706	00:30	85.16
19890626	20:30	111.35	19890706	09:30	83.91
19890626	23:30	98.34	19890706	14:30	95.60
19890627	09:30	92.91	19890706	16:30	98.34
19890627	16:30	102.55	19890706	18:30	90.27
19890628	01:30	90.27	19890707	00:30	86.42
19890628	09:30	91.59	19890707	07:30	80.24
19890628	14:30	103.98	19890707	09:30	79.04
19890628	20:30	96.96	19890707	12:30	87.69
19890629	09:30	99.73	19890707	16:30	94.25
19890629	13:30	112.86	19890707	18:30	86.42
19890629	16:30	111.35	19890707	21:30	83.91
19890629	22:30	99.73			
19890630	06:30	92.91			
19890630	09:30	95.60			
19890630	13:30	103.98			
19890630	16:30	108.36			
19890630	19:30	101.13			
19890630	21:30	98.34			
19890630	22:30	132.15			
19890630	23:30	94.25			
19890701	05:30	88.98			
19890701	09:30	90.27			
19890701	12:30	101.13			
19890701	16:30	102.55			

APPENDIX C

Listing of all Lower Swanson Discharge Data

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19870612	11:00	113.95	19870708	23:00	76.74
19870612	22:00	112.11	19870709	11:00	76.74
19870613	06:00	104.96	19870709	19:00	82.48
19870613	11:00	106.71	19870710	06:00	78.15
19870614	01:00	103.22	19870710	11:00	78.15
19870614	11:00	103.22	19870710	18:00	85.46
19870614	18:00	108.49	19870711	01:00	72.63
19870615	02:00	94.85	19870711	11:00	73.99
19870615	11:00	98.14	19870712	11:00	75.36
19870616	11:00	99.81	19870713	10:00	79.57
19870617	11:00	96.49	19870713	11:00	78.15
19870618	11:00	94.85	19870713	18:00	86.97
19870619	11:00	91.64	19870714	02:00	73.99
19870620	11:00	93.24	19870714	06:00	78.15
19870621	11:00	91.64	19870714	11:00	78.15
19870622	10:00	96.49	19870714	18:00	85.46
19870622	11:00	94.85	19870715	02:00	78.15
19870623	11:00	93.24	19870715	11:00	78.15
19870624	11:00	93.24	19870715	18:00	82.48
19870625	11:00	94.85	19870716	11:00	79.57
19870626	11:00	91.64	19870717	11:00	79.57
19870627	11:00	91.64	19870718	11:00	79.57
19870628	10:00	103.22	19870719	11:00	81.02
19870628	11:00	104.96	19870720	11:00	81.02
19870629	07:00	112.11	19870720	18:00	88.51
19870629	11:00	112.11	19870721	01:00	75.36
19870629	18:00	125.44	19870721	11:00	78.15
19870629	24:00	110.29	19870722	11:00	76.74
19870630	11:00	110.29	19870722	14:00	83.96
19870630	18:00	115.81	19870722	18:00	79.57
19870701	02:00	103.22	19870722	19:00	96.49
19870701	11:00	104.96	19870722	22:00	88.51
19870701	18:00	110.29	19870723	11:00	98.14
19870702	05:00	99.81	19870723	14:00	90.07
19870702	11:00	99.81	19870723	17:00	99.81
19870703	01:00	96.49	19870724	11:00	98.14
19870703	11:00	94.85	19870725	07:00	94.85
19870703	24:00	91.64	19870725	11:00	94.85
19870704	11:00	91.64	19870725	18:00	103.22
19870704	18:00	96.49	19870726	01:00	91.64
19870705	01:00	90.07	19870726	11:00	91.64
19870705	11:00	90.07	19870726	18:00	101.51
19870705	18:00	96.49	19870727	01:00	86.97
19870706	01:00	83.96	19870727	11:00	90.07
19870706	11:00	83.96	19870727	18:00	98.14
19870706	23:00	81.02	19870728	02:00	83.96
19870707	11:00	81.02	19870728	11:00	86.97
19870708	11:00	79.57	19870728	18:00	94.85

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19870729	02:00	81.02	19870817	11:00	72.63
19870729	10:00	85.46	19870817	16:00	79.57
19870729	11:00	83.96	19870818	01:00	71.30
19870729	18:00	90.07	19870818	11:00	68.68
19870730	01:00	78.15	19870818	17:00	75.36
19870730	11:00	81.02	19870819	02:00	73.99
19870731	11:00	81.02	19870819	08:00	71.30
19870801	11:00	81.02	19870819	11:00	69.98
19870801	18:00	86.97	19870819	18:00	76.74
19870802	02:00	76.74	19870819	22:00	69.98
19870802	11:00	82.48	19870820	11:00	69.98
19870803	11:00	79.57	19870820	24:00	68.68
19870804	08:00	76.74	19870821	07:00	69.98
19870804	11:00	76.74	19870821	11:00	63.65
19870805	07:00	79.57	19870821	15:00	72.63
19870805	11:00	79.57	19870821	22:00	64.88
19870806	11:00	81.02	19870822	02:00	62.44
19870807	11:00	81.02	19870822	03:00	75.36
19870808	11:00	79.57	19870822	05:00	63.65
19870808	16:00	82.48	19870822	11:00	63.65
19870808	20:00	81.02	19870822	18:00	69.98
19870809	02:00	73.99	19870822	24:00	63.65
19870809	11:00	76.74	19870823	01:00	75.36
19870809	18:00	85.46	19870823	03:00	64.88
19870810	01:00	75.36	19870823	11:00	61.24
19870810	11:00	76.74	19870823	17:00	68.68
19870810	18:00	81.02	19870823	23:00	62.44
19870811	03:00	78.15	19870824	11:00	60.06
19870811	11:00	76.74	19870824	18:00	67.40
19870812	11:00	78.15	19870824	23:00	61.24
19870813	01:00	81.02	19870825	08:00	58.89
19870813	06:00	78.15	19870825	11:00	58.89
19870813	11:00	75.36	19870825	18:00	66.13
19870813	16:00	81.02	19870825	22:00	61.24
19870813	23:00	72.63	19870826	01:00	63.65
19870814	11:00	72.63	19870826	08:00	57.74
19870814	18:00	78.15	19870826	11:00	57.74
19870814	23:00	69.98	19870826	17:00	63.65
19870815	07:00	75.36	19870827	02:00	56.61
19870815	11:00	81.02	19870827	05:00	60.06
19870815	15:00	82.48	19870827	10:00	55.49
19870815	19:00	79.57	19870827	11:00	56.61
19870816	02:00	73.99	19870827	18:00	66.13
19870816	03:00	88.51	19870827	21:00	56.61
19870816	07:00	78.15	19870828	11:00	58.89
19870816	11:00	76.74	19870828	22:00	55.49
19870816	18:00	82.48	19870829	11:00	55.49
19870817	02:00	72.63	19870830	11:00	55.49



Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19870830	16:00	58.89	19870918	18:00	79.57
19870830	23:00	55.49	19870919	11:00	76.74
19870831	01:00	62.44	19870919	23:00	79.57
19870831	03:00	55.49	19870920	04:00	73.99
19870831	05:00	60.06	19870920	11:00	72.63
19870831	08:00	51.18	19870920	18:00	78.15
19870831	11:00	50.14	19870920	22:00	71.30
19870831	18:00	55.49	19870921	11:00	69.98
19870831	22:00	52.23	19870921	16:00	73.99
19870901	09:00	49.11	19870922	05:00	69.98
19870901	11:00	49.11	19870922	11:00	68.68
19870902	11:00	50.14	19870923	11:00	68.68
19870902	21:00	53.30	19870923	18:00	72.63
19870903	11:00	54.39	19870924	02:00	66.13
19870904	11:00	57.74	19870924	11:00	67.40
19870904	19:00	62.44	19870924	18:00	72.63
19870904	23:00	56.61	19870925	02:00	66.13
19870905	01:00	58.89	19870925	11:00	67.40
19870905	10:00	56.61	19870925	15:00	71.30
19870905	11:00	54.39	19870926	01:00	68.68
19870905	18:00	61.24	19870926	11:00	67.40
19870905	24:00	55.49	19870927	11:00	64.88
19870906	11:00	56.61	19870927	15:00	71.30
19870907	11:00	60.06	19870927	22:00	66.13
19870907	19:00	63.65	19870928	11:00	63.65
19870908	03:00	62.44	19870928	13:00	64.88
19870908	09:00	56.61	19870928	15:00	68.68
19870908	11:00	56.61	19870929	11:00	64.88
19870909	11:00	54.39	19870929	18:00	68.68
19870910	03:00	60.06	19870930	06:00	64.88
19870910	11:00	68.68	19870930	11:00	63.65
19870911	04:00	79.57	19871001	11:00	61.24
19870911	11:00	81.02	19871001	17:00	66.13
19870912	05:00	78.15	19871001	20:00	63.65
19870912	11:00	76.74	19871001	22:00	66.13
19870912	22:00	73.99	19871002	02:00	61.24
19870913	11:00	71.30	19871002	11:00	63.65
19870913	23:00	68.68	19871002	15:00	73.99
19870914	11:00	66.13	19871002	21:00	83.96
19870914	18:00	71.30	19871003	10:00	98.14
19870915	01:00	63.65	19871003	11:00	99.81
19870915	11:00	64.88	19871003	15:00	106.71
19870915	18:00	69.98	19871003	17:00	113.95
19870916	02:00	66.13	19871003	22:00	99.81
19870916	11:00	67.40	19871004	11:00	96.49
19870917	11:00	69.98	19871004	20:00	101.51
19870918	06:00	75.36	19871005	02:00	94.85
19870918	11:00	75.36	19871005	11:00	93.24

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19871005	17:00	98.14	19871019	08:00	252.20
19871006	02:00	91.64	19871019	12:00	268.86
19871006	11:00	93.24	19871019	18:00	279.22
19871006	18:00	104.96	19871020	02:00	289.85
19871006	22:00	94.85	19871020	09:00	268.86
19871007	11:00	96.49	19871020	16:00	293.46
19871007	14:00	112.11	19871020	17:00	351.52
19871007	17:00	104.96	19871020	18:00	286.28
19871008	11:00	103.22	19871021	10:00	293.46
19871009	03:00	113.95	19871021	12:00	293.46
19871009	11:00	121.52	19871021	14:00	315.79
19871009	17:00	129.45	19871021	17:00	286.28
19871009	18:00	131.48	19871021	18:00	275.73
19871010	17:00	139.86	19871022	01:00	282.73
19871010	18:00	137.73	19871022	09:00	275.73
19871011	07:00	133.54	19871022	16:00	279.22
19871011	18:00	133.54	19871022	18:00	272.28
19871012	18:00	133.54	19871023	09:00	258.77
19871013	04:00	137.73	19871023	14:00	272.28
19871013	07:00	150.86	19871023	18:00	262.10
19871013	15:00	144.19	19871023	20:00	279.22
19871013	18:00	142.01	19871023	24:00	248.96
19871013	21:00	155.42	19871024	05:00	258.77
19871014	02:00	153.13	19871024	09:00	242.57
19871014	10:00	160.09	19871024	15:00	252.20
19871014	16:00	146.39	19871024	16:00	272.28
19871014	18:00	148.61	19871024	17:00	297.10
19871014	21:00	160.09	19871024	18:00	248.96
19871014	22:00	184.91	19871025	04:00	245.75
19871015	01:00	169.71	19871025	07:00	227.11
19871015	16:00	174.68	19871025	16:00	224.10
19871015	17:00	195.56	19871025	18:00	236.30
19871015	18:00	169.71	19871025	23:00	209.49
19871015	19:00	190.18	19871026	02:00	224.10
19871015	20:00	169.71	19871026	08:00	242.57
19871016	01:00	162.46	19871026	12:00	215.25
19871016	18:00	160.09	19871026	16:00	233.21
19871016	23:00	172.18	19871026	18:00	212.35
19871017	06:00	157.74	19871026	20:00	224.10
19871017	18:00	162.46	19871026	23:00	203.83
19871017	19:00	187.53	19871027	12:00	198.29
19871017	21:00	169.71	19871027	18:00	192.86
19871018	04:00	160.09	19871027	22:00	177.19
19871018	08:00	169.71	19871028	03:00	169.71
19871018	12:00	167.27	19871028	08:00	153.13
19871018	16:00	190.18	19871028	14:00	157.74
19871018	18:00	198.29	19871028	15:00	144.19
19871019	03:00	224.10	19871028	18:00	129.45

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19871028	20:00	144.19	19871107	06:00	131.48
19871028	22:00	150.86	19871107	08:00	119.59
19871029	01:00	146.39	19871107	09:00	146.39
19871029	05:00	144.19	19871107	10:00	123.47
19871029	08:00	125.44	19871107	17:00	137.73
19871029	16:00	129.45	19871107	18:00	131.48
19871029	18:00	123.47	19871107	22:00	129.45
19871030	03:00	133.54	19871107	24:00	144.19
19871030	13:00	119.59	19871108	04:00	157.74
19871030	17:00	133.54	19871108	08:00	144.19
19871030	18:00	133.54	19871108	11:00	155.42
19871030	21:00	133.54	19871108	18:00	148.61
19871031	04:00	153.13	19871108	20:00	160.09
19871031	10:00	162.46	19871108	23:00	162.46
19871031	16:00	157.74	19871109	02:00	182.31
19871031	18:00	167.27	19871109	04:00	203.83
19871031	24:00	169.71	19871109	07:00	227.11
19871101	08:00	190.18	19871109	10:00	255.47
19871101	13:00	195.56	19871109	14:00	286.28
19871101	14:00	227.11	19871109	18:00	289.85
19871101	15:00	198.29	19871110	03:00	297.10
19871101	18:00	198.29	19871110	06:00	319.63
19871102	01:00	206.65	19871110	09:00	343.34
19871102	07:00	182.31	19871110	13:00	368.28
19871102	16:00	182.31	19871110	16:00	381.22
19871102	17:00	162.46	19871110	18:00	359.83
19871102	18:00	148.61	19871110	24:00	381.22
19871102	24:00	129.45	19871111	09:00	412.67
19871103	08:00	115.81	19871111	16:00	394.48
19871103	18:00	115.81	19871111	18:00	403.50
19871104	03:00	99.81	19871112	09:00	408.07
19871104	13:00	93.24	19871112	18:00	403.50
19871104	18:00	99.81	19871112	22:00	398.97
19871104	24:00	99.81	19871113	06:00	368.28
19871105	04:00	90.07	19871113	18:00	368.28
19871105	17:00	93.24	19871113	21:00	347.41
19871105	18:00	94.85	19871113	24:00	368.28
19871105	23:00	99.81	19871114	05:00	376.87
19871106	01:00	96.49	19871114	09:00	408.07
19871106	03:00	98.14	19871114	14:00	421.98
19871106	07:00	83.96	19871114	18:00	426.69
19871106	08:00	286.28	19871115	06:00	470.80
19871106	09:00	90.07	19871115	18:00	486.19
19871106	13:00	94.85	19871116	05:00	496.65
19871106	17:00	103.22	19871116	12:00	518.05
19871106	18:00	98.14	19871116	16:00	557.07
19871106	22:00	106.71	19871116	18:00	540.10
19871107	02:00	119.59	19871117	10:00	501.94

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19871117	13:00	512.64	19871124	23:00	431.44
19871117	15:00	557.07	19871125	04:00	450.82
19871117	17:00	507.27	19871125	07:00	431.44
19871117	18:00	507.27	19871125	13:00	426.69
19871117	19:00	496.65	19871125	18:00	431.44
19871117	20:00	580.27	19871126	05:00	390.03
19871117	21:00	518.05	19871126	14:00	351.52
19871118	01:00	475.89	19871126	18:00	339.31
19871118	12:00	436.23	19871126	22:00	327.40
19871118	14:00	445.92	19871126	24:00	331.34
19871118	15:00	403.50	19871127	04:00	308.22
19871118	16:00	359.83	19871127	13:00	319.63
19871118	18:00	343.34	19871127	18:00	289.85
19871119	06:00	343.34	19871128	01:00	275.73
19871119	15:00	351.52	19871128	06:00	248.96
19871119	18:00	355.66	19871128	15:00	272.28
19871119	22:00	359.83	19871128	18:00	258.77
19871119	23:00	431.44	19871128	21:00	286.28
19871119	24:00	376.87	19871128	22:00	308.22
19871120	02:00	355.66	19871128	23:00	355.66
19871120	13:00	364.04	19871129	01:00	335.31
19871120	14:00	501.94	19871129	04:00	372.56
19871120	15:00	355.66	19871129	07:00	385.61
19871120	18:00	347.41	19871129	13:00	394.48
19871120	23:00	359.83	19871129	15:00	412.67
19871121	05:00	364.04	19871129	18:00	385.61
19871121	10:00	394.48	19871129	21:00	390.03
19871121	11:00	408.07	19871129	22:00	486.19
19871121	12:00	465.75	19871129	23:00	390.03
19871121	14:00	426.69	19871130	02:00	381.22
19871121	18:00	421.98	19871130	06:00	355.66
19871122	03:00	390.03	19871130	10:00	390.03
19871122	07:00	398.97	19871130	13:00	385.61
19871122	12:00	412.67	19871130	14:00	436.23
19871122	16:00	417.31	19871130	15:00	385.61
19871122	17:00	394.48	19871130	18:00	385.61
19871122	18:00	372.56	19871130	20:00	408.07
19871122	23:00	359.83	19871130	21:00	475.89
19871123	08:00	359.83	19871130	22:00	412.67
19871123	12:00	368.28	19871130	24:00	441.05
19871123	17:00	364.04	19871201	01:00	496.65
19871123	18:00	355.66	19871201	03:00	470.80
19871123	21:00	381.22	19871201	13:00	470.80
19871124	04:00	390.03	19871201	16:00	518.05
19871124	10:00	421.98	19871201	18:00	518.05
19871124	13:00	426.69	19871201	23:00	545.71
19871124	18:00	421.98	19871202	11:00	523.50
19871124	20:00	460.73	19871202	18:00	507.27

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19871203	02:00	523.50	19871214	11:00	248.96
19871203	07:00	551.37	19871214	17:00	233.21
19871203	08:00	568.59	19871214	18:00	224.10
19871203	10:00	622.53	19871214	24:00	224.10
19871203	18:00	616.36	19871215	07:00	201.05
19871204	01:00	654.02	19871215	18:00	190.18
19871204	04:00	713.52	19871216	05:00	192.86
19871204	11:00	769.57	19871216	08:00	174.68
19871204	17:00	821.11	19871216	09:00	177.19
19871204	18:00	828.67	19871216	10:00	239.42
19871204	22:00	851.64	19871216	11:00	184.91
19871205	01:00	875.06	19871216	18:00	174.68
19871205	12:00	890.93	19871216	24:00	177.19
19871205	14:00	948.07	19871217	03:00	184.91
19871205	15:00	867.20	19871217	08:00	169.71
19871205	18:00	859.40	19871217	14:00	162.46
19871206	08:00	906.99	19871217	16:00	172.18
19871206	13:00	939.75	19871217	18:00	160.09
19871206	18:00	915.11	19871218	08:00	162.46
19871207	03:00	882.97	19871218	14:00	162.46
19871207	12:00	821.11	19871218	15:00	252.20
19871207	18:00	806.14	19871218	16:00	177.19
19871207	24:00	741.17	19871218	18:00	160.09
19871208	05:00	693.28	19871218	22:00	164.85
19871208	08:00	686.62	19871219	04:00	155.42
19871208	11:00	628.74	19871219	07:00	172.18
19871208	17:00	580.27	19871219	10:00	155.42
19871208	18:00	634.99	19871219	14:00	148.61
19871208	20:00	586.18	19871219	15:00	162.46
19871209	03:00	545.71	19871219	16:00	187.53
19871209	14:00	534.53	19871219	17:00	245.75
19871209	18:00	512.64	19871219	18:00	177.19
19871210	06:00	501.94	19871219	20:00	162.46
19871210	13:00	455.75	19871220	04:00	162.46
19871210	17:00	496.65	19871220	05:00	172.18
19871210	18:00	475.89	19871220	06:00	198.29
19871211	04:00	460.73	19871220	07:00	179.74
19871211	07:00	445.92	19871220	09:00	157.74
19871211	14:00	412.67	19871220	16:00	169.71
19871211	18:00	417.31	19871220	17:00	245.75
19871212	02:00	403.50	19871220	18:00	258.77
19871212	06:00	368.28	19871220	19:00	169.71
19871212	13:00	351.52	19871220	22:00	160.09
19871212	18:00	339.31	19871221	04:00	169.71
19871213	07:00	304.48	19871221	08:00	162.46
19871213	15:00	286.28	19871221	16:00	153.13
19871213	18:00	279.22	19871221	17:00	160.09
19871214	05:00	268.86	19871221	18:00	233.21

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19871221	19:00	212.35	19871229	14:00	184.91
19871221	20:00	155.42	19871229	18:00	184.91
19871222	06:00	160.09	19871229	24:00	195.56
19871222	08:00	177.19	19871230	04:00	192.86
19871222	10:00	157.74	19871230	08:00	198.29
19871222	17:00	177.19	19871230	11:00	187.53
19871222	18:00	190.18	19871230	16:00	195.56
19871222	19:00	221.12	19871230	18:00	187.53
19871222	20:00	201.05	19871230	22:00	192.86
19871222	21:00	167.27	19871230	23:00	227.11
19871223	02:00	169.71	19871230	24:00	190.18
19871223	05:00	177.19	19871231	16:00	192.86
19871223	07:00	160.09	19871231	18:00	195.56
19871223	09:00	182.31	19880101	01:00	198.29
19871223	10:00	153.13	19880101	10:00	198.29
19871223	13:00	157.74	19880101	16:00	184.91
19871223	18:00	167.27	19880101	18:00	182.31
19871223	19:00	184.91	19880101	21:00	184.91
19871223	20:00	245.75	19880101	24:00	201.05
19871223	21:00	203.83	19880102	03:00	192.86
19871223	22:00	177.19	19880102	09:00	201.05
19871224	03:00	179.74	19880102	13:00	192.86
19871224	08:00	190.18	19880102	15:00	215.25
19871224	10:00	212.35	19880102	18:00	201.05
19871224	12:00	195.56	19880102	22:00	187.53
19871224	17:00	206.65	19880103	18:00	192.86
19871224	18:00	206.65	19880103	24:00	182.31
19871224	20:00	218.17	19880104	17:00	182.31
19871224	21:00	245.75	19880104	18:00	190.18
19871224	22:00	224.10	19880104	24:00	179.74
19871224	24:00	201.05	19880105	06:00	182.31
19871225	04:00	218.17	19880105	12:00	192.86
19871225	06:00	209.49	19880105	18:00	198.29
19871225	08:00	221.12	19880106	01:00	203.83
19871225	11:00	242.57	19880106	03:00	195.56
19871225	12:00	209.49	19880106	06:00	206.65
19871225	18:00	215.25	19880106	12:00	195.56
19871225	22:00	201.05	19880106	15:00	218.17
19871225	23:00	192.86	19880106	18:00	201.05
19871225	24:00	252.20	19880106	20:00	218.17
19871226	01:00	195.56	19880106	22:00	198.29
19871226	08:00	195.56	19880107	09:00	209.49
19871226	10:00	212.35	19880107	13:00	201.05
19871226	18:00	201.05	19880107	14:00	258.77
19871226	21:00	198.29	19880107	15:00	203.83
19871227	03:00	187.53	19880107	18:00	206.65
19871227	18:00	182.31	19880107	21:00	224.10
19871228	18:00	179.74	19880108	01:00	201.05

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19880108	03:00	215.25	19880118	17:30	239.42
19880108	07:00	201.05	19880118	18:30	155.42
19880108	18:00	201.05	19880119	04:30	157.74
19880109	09:00	203.83	19880119	05:30	242.57
19880109	18:00	198.29	19880119	06:30	289.85
19880110	04:00	206.65	19880119	07:30	248.96
19880110	08:00	192.86	19880119	08:30	172.18
19880110	12:00	206.65	19880119	15:30	157.74
19880110	14:00	215.25	19880119	16:30	282.73
19880110	18:00	203.83	19880119	17:30	445.92
19880111	03:00	206.65	19880119	18:30	335.31
19880111	08:00	209.49	19880119	19:30	169.71
19880111	12:00	221.12	19880119	22:30	157.74
19880111	18:00	209.49	19880120	00:30	167.27
19880112	08:00	203.83	19880120	02:30	160.09
19880112	12:00	187.53	19880120	05:30	177.19
19880112	16:00	201.05	19880120	06:30	275.73
19880112	18:00	195.56	19880120	07:30	248.96
19880113	03:00	192.86	19880120	08:30	172.18
19880113	05:00	206.65	19880120	12:30	157.74
19880113	11:00	192.86	19880120	16:30	164.85
19880113	17:00	187.53	19880120	17:30	286.28
19880113	18:00	203.83	19880120	18:30	398.97
19880113	24:00	184.91	19880120	19:30	272.28
19880114	04:00	182.31	19880120	20:30	167.27
19880114	09:00	190.18	19880121	00:30	153.13
19880114	18:00	174.68	19880121	05:30	162.46
19880115	05:00	182.31	19880121	06:30	221.12
19880115	09:00	167.27	19880121	07:30	355.66
19880115	14:00	167.27	19880121	08:30	258.77
19880115	16:30	164.85	19880121	09:30	177.19
19880115	22:30	155.42	19880121	11:30	167.27
19880116	06:30	162.46	19880121	16:30	164.85
19880116	12:30	153.13	19880121	17:30	177.19
19880116	15:30	162.46	19880121	18:30	355.66
19880116	16:30	148.61	19880121	19:30	421.98
19880116	21:30	162.46	19880121	20:30	255.47
19880117	00:30	153.13	19880121	21:30	167.27
19880117	14:30	153.13	19880122	01:30	162.46
19880117	15:30	206.65	19880122	05:30	172.18
19880117	16:30	190.18	19880122	06:30	190.18
19880117	17:30	153.13	19880122	07:30	347.41
19880118	04:30	153.13	19880122	08:30	431.44
19880118	05:30	169.71	19880122	09:30	252.20
19880118	07:30	148.61	19880122	10:30	182.31
19880118	14:30	148.61	19880122	14:30	169.71
19880118	15:30	172.18	19880122	16:30	169.71
19880118	16:30	286.28	19880122	18:30	179.74

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19880122	19:30	265.47	19880229	16:30	
19880122	20:30	272.28	19880301	16:30	
19880122	21:30	187.53	19880302	16:30	
19880122	23:30	167.27	19880303	16:30	
19880123	06:30	172.18	19880304	16:30	
19880123	07:30	190.18	19880305	16:30	
19880123	08:30	311.99	19880306	16:30	
19880123	09:30	279.22	19880307	16:30	
19880123	10:30	192.86	19880308	16:30	
19880123	13:30	169.71	19880309	16:30	
19880123	16:30	169.71	19880310	16:30	
19880123	19:30	187.53	19880311	16:30	
19880124	16:30		19880312	16:30	
19880125	16:30		19880313	16:30	
19880126	16:30		19880314	16:30	
19880127	16:30		19880315	16:30	
19880128	16:30		19880316	16:30	
19880129	16:30		19880317	16:30	
19880130	16:30		19880318	16:30	
19880131	16:30		19880319	16:30	
19880201	16:30		19880320	16:30	
19880202	16:30		19880321	16:30	
19880203	16:30		19880322	16:30	
19880204	16:30		19880323	16:30	
19880205	16:30		19880324	16:30	
19880206	16:30		19880325	16:30	
19880207	16:30		19880326	16:30	
19880208	16:30		19880327	16:30	
19880209	16:30		19880328	16:30	
19880210	16:30		19880329	16:30	
19880211	16:30		19880330	16:30	
19880212	16:30		19880331	16:30	
19880213	16:30		19880401	16:30	
19880214	16:30		19880402	16:30	
19880215	16:30		19880403	16:30	
19880216	16:30		19880404	16:30	
19880217	16:30		19880405	16:30	
19880218	16:30		19880406	16:30	
19880219	16:30		19880407	16:30	
19880220	16:30		19880408	16:30	
19880221	16:30		19880409	16:30	
19880222	16:30		19880410	16:30	
19880223	16:30		19880411	16:30	
19880224	16:30		19880412	16:30	
19880225	16:30		19880413	16:30	
19880226	16:30		19880414	16:30	
19880227	16:30		19880415	16:30	
19880228	16:30		19880416	16:30	



Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19880417	16:30		19880604	16:30	
19880418	16:30		19880605	16:30	
19880419	16:30		19880606	16:30	
19880420	16:30		19880607	16:30	
19880421	16:30		19880608	16:30	
19880422	16:30		19880609	16:30	
19880423	16:30		19880610	16:30	
19880424	16:30		19880611	16:30	
19880425	16:30		19880612	16:30	
19880426	16:30		19880613	16:30	
19880427	16:30		19880614	16:30	
19880428	16:30		19880615	16:30	
19880429	16:30		19880616	16:30	
19880430	16:30		19880617	16:30	
19880501	16:30		19880618	16:30	
19880502	16:30		19880619	16:30	
19880503	16:30		19880620	16:30	
19880504	16:30		19880621	16:30	
19880505	16:30		19880622	16:30	
19880506	16:30		19880623	16:30	
19880507	16:30		19880624	16:30	
19880508	16:30		19880625	16:30	
19880509	16:30		19880626	16:30	
19880510	16:30		19880627	16:30	
19880511	16:30		19880628	16:30	
19880512	16:30		19880629	16:30	
19880513	16:30		19880630	16:30	
19880514	16:30		19880701	16:30	
19880515	16:30		19880702	16:30	
19880516	16:30		19880703	16:30	
19880517	16:30		19880704	16:30	
19880518	16:30		19880705	16:30	
19880519	16:30		19880706	16:30	
19880520	16:30		19880707	16:30	
19880521	16:30		19880708	16:30	
19880522	16:30		19880709	16:30	
19880523	16:30		19880710	16:30	
19880524	16:30		19880711	16:30	
19880525	16:30		19880712	16:30	
19880526	16:30		19880713	16:30	
19880527	16:30		19880713	16:30	54.39
19880528	16:30		19880713	23:30	50.14
19880529	16:30		19880714	13:30	52.23
19880530	16:30		19880714	16:30	51.18
19880531	16:30		19880715	16:30	51.18
19880601	16:30		19880716	08:30	50.14
19880602	16:30		19880716	16:30	50.14
19880603	16:30		19880717	11:30	52.23

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19880717	16:30	48.10	19880728	08:30	62.44
19880718	01:30	50.14	19880728	10:30	53.30
19880718	08:30	52.23	19880728	11:30	94.85
19880718	12:30	57.74	19880728	12:30	55.49
19880718	16:30	52.23	19880728	15:30	58.89
19880718	23:30	52.23	19880728	16:30	56.61
19880719	03:30	57.74	19880728	20:30	54.39
19880719	08:30	50.14	19880729	00:30	56.61
19880719	13:30	58.89	19880729	04:30	56.61
19880719	16:30	51.18	19880729	08:30	52.23
19880719	22:30	50.14	19880729	13:30	58.89
19880720	02:30	55.49	19880729	16:30	56.61
19880720	07:30	49.11	19880729	20:30	54.39
19880720	15:30	52.23	19880729	22:30	57.74
19880720	16:30	51.18	19880730	02:30	53.30
19880721	16:30	51.18	19880730	11:30	52.23
19880722	10:30	51.18	19880730	13:30	56.61
19880722	12:30	58.89	19880730	14:30	85.46
19880722	16:30	49.11	19880730	15:30	115.81
19880722	23:30	53.30	19880730	16:30	56.61
19880723	02:30	53.30	19880730	19:30	51.18
19880723	03:30	61.24	19880730	22:30	55.49
19880723	05:30	64.88	19880731	02:30	52.23
19880723	06:30	52.23	19880731	06:30	54.39
19880723	12:30	55.49	19880731	08:30	48.10
19880723	16:30	55.49	19880731	10:30	53.30
19880723	20:30	55.49	19880731	13:30	60.06
19880723	23:30	52.23	19880731	14:30	93.24
19880724	09:30	53.30	19880731	15:30	82.48
19880724	14:30	62.44	19880731	16:30	58.89
19880724	16:30	53.30	19880731	22:30	57.74
19880724	21:30	57.74	19880731	23:30	93.24
19880725	08:30	55.49	19880801	00:30	75.36
19880725	16:30	58.89	19880801	01:30	54.39
19880725	22:30	53.30	19880801	03:30	54.39
19880726	07:30	54.39	19880801	04:30	182.31
19880726	12:30	57.74	19880801	05:30	54.39
19880726	16:30	53.30	19880801	15:30	57.74
19880727	03:30	54.39	19880801	16:30	67.40
19880727	12:30	58.89	19880801	18:30	57.74
19880727	16:30	53.30	19880801	21:30	62.44
19880727	20:30	55.49	19880801	22:30	58.89
19880728	00:30	56.61	19880801	23:30	79.57
19880728	02:30	54.39	19880802	00:30	76.74
19880728	03:30	69.98	19880802	01:30	57.74
19880728	04:30	53.30	19880802	08:30	56.61
19880728	06:30	52.23	19880802	10:30	63.65
19880728	07:30	90.07	19880802	12:30	58.89

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Date	Time	Discharge	Date	Time	Discharge
19880802	16:30	63.65	19880807	21:30	68.68
19880802	18:30	66.13	19880808	00:30	57.74
19880802	19:30	83.96	19880808	03:30	58.89
19880802	20:30	58.89	19880808	08:30	55.49
19880803	06:30	56.61	19880808	09:30	61.24
19880803	12:30	58.89	19880808	10:30	103.22
19880803	13:30	106.71	19880808	11:30	90.07
19880803	14:30	62.44	19880808	12:30	61.24
19880803	16:30	60.06	19880808	13:30	137.73
19880803	19:30	58.89	19880808	14:30	182.31
19880803	21:30	61.24	19880808	15:30	153.13
19880803	22:30	99.81	19880808	16:30	58.89
19880803	23:30	54.39	19880808	18:30	63.65
19880804	04:30	58.89	19880808	19:30	58.89
19880804	09:30	57.74	19880808	20:30	127.43
19880804	10:30	55.49	19880808	21:30	57.74
19880804	11:30	99.81	19880809	02:30	57.74
19880804	12:30	58.89	19880809	10:30	57.74
19880804	13:30	63.65	19880809	11:30	182.31
19880804	14:30	108.49	19880809	12:30	60.06
19880804	15:30	67.40	19880809	14:30	62.44
19880804	16:30	55.49	19880809	15:30	129.45
19880804	18:30	63.65	19880809	16:30	60.06
19880804	22:30	55.49	19880809	17:30	62.44
19880804	23:30	101.51	19880809	18:30	104.96
19880805	00:30	55.49	19880809	19:30	96.49
19880805	01:30	133.54	19880809	20:30	58.89
19880805	02:30	63.65	19880809	21:30	90.07
19880805	05:30	53.30	19880809	22:30	55.49
19880805	09:30	56.61	19880809	23:30	108.49
19880805	16:30	55.49	19880810	00:30	78.15
19880806	04:30	57.74	19880810	01:30	61.24
19880806	09:30	58.89	19880810	08:30	53.30
19880806	16:30	61.24	19880810	09:30	57.74
19880806	19:30	63.65	19880810	10:30	91.64
19880806	23:30	61.24	19880810	11:30	56.61
19880807	00:30	83.96	19880810	12:30	79.57
19880807	01:30	61.24	19880810	13:30	58.89
19880807	03:30	60.06	19880810	14:30	60.06
19880807	04:30	78.15	19880810	15:30	86.97
19880807	05:30	60.06	19880810	16:30	61.24
19880807	07:30	58.89	19880810	20:30	57.74
19880807	08:30	86.97	19880810	21:30	63.65
19880807	09:30	64.88	19880810	22:30	82.48
19880807	12:30	60.06	19880810	23:30	86.97
19880807	16:30	66.13	19880811	00:30	60.06
19880807	19:30	66.13	19880811	01:30	81.02
19880807	20:30	127.43	19880811	02:30	110.29

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Date	Time	Discharge	Date	Time	Discharge
19880811	03:30	58.89	19880814	08:30	129.45
19880811	04:30	73.99	19880814	09:30	60.06
19880811	06:30	67.40	19880814	11:30	62.44
19880811	07:30	103.22	19880814	12:30	75.36
19880811	08:30	98.14	19880814	13:30	119.59
19880811	09:30	72.63	19880814	14:30	67.40
19880811	10:30	133.54	19880814	15:30	104.96
19880811	11:30	142.01	19880814	16:30	82.48
19880811	12:30	69.98	19880814	17:30	108.49
19880811	16:30	75.36	19880814	18:30	66.13
19880811	18:30	75.36	19880814	19:30	148.61
19880811	19:30	119.59	19880814	20:30	63.65
19880811	20:30	133.54	19880814	22:30	62.44
19880811	21:30	148.61	19880814	23:30	82.48
19880811	22:30	71.30	19880815	00:30	57.74
19880811	23:30	98.14	19880815	05:30	58.89
19880812	00:30	75.36	19880815	06:30	55.49
19880812	02:30	69.98	19880815	07:30	157.74
19880812	03:30	131.48	19880815	08:30	63.65
19880812	04:30	71.30	19880815	09:30	54.39
19880812	09:30	73.99	19880815	10:30	103.22
19880812	10:30	104.96	19880815	11:30	57.74
19880812	11:30	68.68	19880815	12:30	94.85
19880812	14:30	73.99	19880815	14:30	93.24
19880812	15:30	155.42	19880815	15:30	72.63
19880812	16:30	72.63	19880815	16:30	148.61
19880812	19:30	72.63	19880815	17:30	73.99
19880812	20:30	90.07	19880815	20:30	63.65
19880812	21:30	68.68	19880816	00:30	64.88
19880812	22:30	67.40	19880816	04:30	62.44
19880812	23:30	142.01	19880816	08:30	61.24
19880813	00:30	66.13	19880816	09:30	90.07
19880813	09:30	63.65	19880816	10:30	62.44
19880813	10:30	83.96	19880816	11:30	73.99
19880813	11:30	63.65	19880816	13:30	62.44
19880813	12:30	103.22	19880816	16:30	67.40
19880813	14:30	91.64	19880816	20:30	60.06
19880813	15:30	86.97	19880817	01:30	62.44
19880813	16:30	68.68	19880817	02:30	78.15
19880813	19:30	64.88	19880817	03:30	60.06
19880813	20:30	71.30	19880817	05:30	61.24
19880813	21:30	99.81	19880817	06:30	79.57
19880813	22:30	58.89	19880817	07:30	93.24
19880813	23:30	162.46	19880817	08:30	75.36
19880814	00:30	60.06	19880817	10:30	63.65
19880814	05:30	57.74	19880817	14:30	63.65
19880814	06:30	93.24	19880817	15:30	99.81
19880814	07:30	215.25	19880817	16:30	57.74

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19880817	20:30	60.06	19880822	09:30	76.74
19880817	21:30	110.29	19880822	13:30	85.46
19880817	22:30	61.24	19880822	14:30	123.47
19880818	02:30	58.89	19880822	15:30	88.51
19880818	03:30	81.02	19880822	16:30	83.96
19880818	04:30	64.88	19880822	22:30	88.51
19880818	09:30	62.44	19880823	04:30	81.02
19880818	10:30	69.98	19880823	05:30	81.02
19880818	12:30	63.65	19880823	06:30	115.81
19880818	13:30	88.51	19880823	07:30	88.51
19880818	14:30	66.13	19880823	11:30	81.02
19880818	16:30	61.24	19880823	16:30	81.02
19880818	17:30	61.24	19880824	04:30	88.51
19880818	18:30	174.68	19880824	08:30	82.48
19880818	19:30	101.51	19880824	14:30	88.51
19880818	20:30	125.44	19880824	15:30	83.96
19880818	21:30	91.64	19880824	16:30	160.09
19880818	23:30	94.85	19880824	17:30	137.73
19880819	00:30	76.74	19880824	18:30	104.96
19880819	01:30	57.74	19880824	19:30	167.27
19880819	11:30	60.06	19880824	20:30	137.73
19880819	14:30	61.24	19880824	21:30	79.57
19880819	15:30	86.97	19880825	11:30	81.02
19880819	16:30	69.98	19880825	15:30	85.46
19880819	18:30	67.40	19880825	16:30	83.96
19880819	19:30	113.95	19880825	20:30	90.07
19880819	20:30	146.39	19880825	21:30	167.27
19880819	21:30	90.07	19880825	22:30	88.51
19880820	00:30	81.02	19880826	10:30	93.24
19880820	01:30	67.40	19880826	14:30	99.81
19880820	13:30	67.40	19880826	15:30	174.68
19880820	14:30	88.51	19880826	16:30	129.45
19880820	15:30	68.68	19880826	17:30	172.18
19880820	16:30	64.88	19880826	18:30	101.51
19880820	18:30	64.88	19880826	19:30	201.05
19880820	19:30	110.29	19880826	20:30	101.51
19880820	20:30	66.13	19880826	21:30	174.68
19880820	21:30	94.85	19880826	22:30	98.14
19880820	23:30	85.46	19880826	23:30	101.51
19880821	01:30	72.63	19880827	00:30	125.44
19880821	02:30	71.30	19880827	01:30	96.49
19880821	03:30	91.64	19880827	08:30	96.49
19880821	04:30	67.40	19880827	14:30	103.22
19880821	05:30	67.40	19880827	16:30	101.51
19880821	06:30	125.44	19880827	23:30	104.96
19880821	07:30	67.40	19880828	01:30	99.81
19880821	16:30	66.13	19880828	15:30	108.49
19880822	01:30	76.74	19880828	16:30	106.71

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Date	Time	Discharge	Date	Time	Discharge
19880828	17:30	167.27	19880901	17:30	177.19
19880828	18:30	227.11	19880901	18:30	227.11
19880828	19:30	201.05	19880901	19:30	182.31
19880828	20:30	108.49	19880901	21:30	169.71
19880828	21:30	104.96	19880901	22:30	227.11
19880828	22:30	164.85	19880901	23:30	177.19
19880828	23:30	167.27	19880902	00:30	177.19
19880829	00:30	117.69	19880902	01:30	252.20
19880829	02:30	103.22	19880902	03:30	265.47
19880829	06:30	103.22	19880902	04:30	177.19
19880829	09:30	110.29	19880902	07:30	198.29
19880829	16:30	110.29	19880902	08:30	172.18
19880829	18:30	113.95	19880902	09:30	300.78
19880829	19:30	148.61	19880902	10:30	218.17
19880829	20:30	119.59	19880902	11:30	268.86
19880829	23:30	119.59	19880902	12:30	184.91
19880830	02:30	119.59	19880902	16:30	184.91
19880830	03:30	195.56	19880902	20:30	184.91
19880830	04:30	121.52	19880902	21:30	355.66
19880830	06:30	113.95	19880902	22:30	179.74
19880830	07:30	212.35	19880903	00:30	182.31
19880830	08:30	117.69	19880903	01:30	331.34
19880830	10:30	129.45	19880903	02:30	177.19
19880830	11:30	142.01	19880903	04:30	179.74
19880830	12:30	177.19	19880903	05:30	258.77
19880830	13:30	169.71	19880903	06:30	179.74
19880830	14:30	224.10	19880903	09:30	184.91
19880830	15:30	150.86	19880903	10:30	212.35
19880830	16:30	148.61	19880903	11:30	245.75
19880830	19:30	155.42	19880903	12:30	230.14
19880830	20:30	203.83	19880903	13:30	198.29
19880830	21:30	155.42	19880903	14:30	187.53
19880831	09:30	150.86	19880903	15:30	242.57
19880831	15:30	167.27	19880903	16:30	192.86
19880831	16:30	160.09	19880903	17:30	315.79
19880831	18:30	157.74	19880903	18:30	177.19
19880831	19:30	201.05	19880903	22:30	187.53
19880831	20:30	157.74	19880903	23:30	275.73
19880901	01:30	167.27	19880904	00:30	187.53
19880901	02:30	227.11	19880904	04:30	177.19
19880901	03:30	209.49	19880904	06:30	187.53
19880901	04:30	172.18	19880904	07:30	255.47
19880901	05:30	167.27	19880904	08:30	187.53
19880901	06:30	403.50	19880904	09:30	192.86
19880901	07:30	372.56	19880904	10:30	233.21
19880901	08:30	164.85	19880904	11:30	187.53
19880901	11:30	184.91	19880904	14:30	203.83
19880901	16:30	174.68	19880904	16:30	187.53

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Date	Time	Discharge	Date	Time	Discharge
19880904	17:30	187.53	19880907	20:30	248.96
19880904	18:30	233.21	19880907	21:30	355.66
19880904	19:30	233.21	19880907	22:30	368.28
19880904	20:30	187.53	19880907	23:30	174.68
19880905	00:30	187.53	19880908	02:30	179.74
19880905	01:30	398.97	19880908	06:30	162.46
19880905	02:30	187.53	19880908	10:30	162.46
19880905	05:30	184.91	19880908	11:30	355.66
19880905	06:30	192.86	19880908	12:30	182.31
19880905	07:30	293.46	19880908	14:30	182.31
19880905	08:30	184.91	19880908	15:30	230.14
19880905	10:30	190.18	19880908	16:30	233.21
19880905	11:30	258.77	19880908	17:30	177.19
19880905	12:30	315.79	19880908	20:30	172.18
19880905	13:30	192.86	19880908	21:30	198.29
19880905	15:30	187.53	19880908	22:30	164.85
19880905	16:30	212.35	19880909	05:30	148.61
19880905	18:30	195.56	19880909	10:30	153.13
19880906	01:30	182.31	19880909	11:30	169.71
19880906	03:30	187.53	19880909	12:30	327.40
19880906	05:30	167.27	19880909	13:30	182.31
19880906	09:30	169.71	19880909	14:30	286.28
19880906	11:30	179.74	19880909	15:30	179.74
19880906	12:30	323.50	19880909	16:30	169.71
19880906	13:30	187.53	19880909	19:30	162.46
19880906	15:30	201.05	19880909	20:30	255.47
19880906	16:30	236.30	19880909	21:30	162.46
19880906	18:30	221.12	19880909	22:30	157.74
19880906	19:30	245.75	19880909	23:30	198.29
19880906	20:30	436.23	19880910	00:30	221.12
19880906	21:30	179.74	19880910	01:30	160.09
19880906	23:30	177.19	19880910	06:30	160.09
19880907	00:30	233.21	19880910	09:30	153.13
19880907	01:30	179.74	19880910	10:30	160.09
19880907	02:30	182.31	19880910	11:30	230.14
19880907	03:30	212.35	19880910	12:30	164.85
19880907	04:30	192.86	19880910	15:30	169.71
19880907	05:30	239.42	19880910	16:30	155.42
19880907	07:30	252.20	19880910	20:30	160.09
19880907	08:30	206.65	19880910	21:30	206.65
19880907	09:30	209.49	19880910	22:30	275.73
19880907	10:30	339.31	19880910	23:30	150.86
19880907	11:30	182.31	19880911	02:30	157.74
19880907	13:30	187.53	19880911	03:30	286.28
19880907	14:30	236.30	19880911	04:30	150.86
19880907	15:30	192.86	19880911	05:30	198.29
19880907	16:30	215.25	19880911	06:30	148.61
19880907	19:30	190.18	19880911	10:30	148.61

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Date	Time	Discharge	Date	Time	Discharge
19880911	11:30	179.74	19880914	13:30	184.91
19880911	12:30	164.85	19880914	14:30	355.66
19880911	16:30	146.39	19880914	15:30	236.30
19880911	18:30	148.61	19880914	16:30	184.91
19880911	19:30	179.74	19880914	17:30	190.18
19880911	20:30	144.19	19880914	18:30	300.78
19880911	21:30	146.39	19880914	19:30	198.29
19880911	22:30	233.21	19880914	21:30	174.68
19880911	23:30	282.73	19880915	00:30	192.86
19880912	00:30	146.39	19880915	03:30	174.68
19880912	01:30	315.79	19880915	07:30	172.18
19880912	02:30	142.01	19880915	11:30	182.31
19880912	04:30	142.01	19880915	12:30	327.40
19880912	05:30	212.35	19880915	13:30	417.31
19880912	06:30	304.48	19880915	14:30	179.74
19880912	07:30	198.29	19880915	15:30	206.65
19880912	08:30	146.39	19880915	16:30	174.68
19880912	10:30	157.74	19880915	19:30	179.74
19880912	11:30	187.53	19880915	20:30	455.75
19880912	12:30	169.71	19880915	21:30	182.31
19880912	13:30	148.61	19880916	01:30	169.71
19880912	16:30	150.86	19880916	05:30	174.68
19880912	20:30	157.74	19880916	07:30	190.18
19880912	23:30	153.13	19880916	10:30	174.68
19880913	00:30	184.91	19880916	11:30	233.21
19880913	01:30	153.13	19880916	12:30	203.83
19880913	02:30	203.83	19880916	13:30	286.28
19880913	03:30	150.86	19880916	14:30	179.74
19880913	04:30	195.56	19880916	16:30	174.68
19880913	05:30	153.13	19880916	18:30	174.68
19880913	08:30	162.46	19880916	19:30	201.05
19880913	09:30	195.56	19880916	20:30	174.68
19880913	10:30	169.71	19880916	21:30	275.73
19880913	11:30	169.71	19880916	22:30	268.86
19880913	12:30	203.83	19880916	23:30	179.74
19880913	13:30	182.31	19880917	03:30	169.71
19880913	16:30	182.31	19880917	11:30	179.74
19880913	17:30	327.40	19880917	12:30	339.31
19880913	18:30	376.87	19880917	13:30	177.19
19880913	19:30	177.19	19880917	14:30	248.96
19880913	20:30	215.25	19880917	15:30	182.31
19880913	21:30	195.56	19880917	16:30	177.19
19880913	23:30	182.31	19880917	18:30	192.86
19880914	00:30	327.40	19880917	20:30	174.68
19880914	01:30	184.91	19880917	22:30	164.85
19880914	10:30	187.53	19880917	23:30	242.57
19880914	11:30	227.11	19880918	00:30	172.18
19880914	12:30	184.91	19880918	04:30	172.18



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Date	Time	Discharge	Date	Time	Discharge
19880918	10:30	174.68	19880922	03:30	167.27
19880918	11:30	215.25	19880922	06:30	160.09
19880918	12:30	172.18	19880922	07:30	184.91
19880918	15:30	177.19	19880922	08:30	162.46
19880918	16:30	236.30	19880922	12:30	157.74
19880918	17:30	172.18	19880922	16:30	153.13
19880918	19:30	169.71	19880922	21:30	157.74
19880918	20:30	297.10	19880923	08:30	148.61
19880918	21:30	172.18	19880923	12:30	148.61
19880918	22:30	289.85	19880923	13:30	155.42
19880918	23:30	164.85	19880923	14:30	192.86
19880919	11:30	167.27	19880923	15:30	230.14
19880919	12:30	431.44	19880923	16:30	150.86
19880919	13:30	167.27	19880923	21:30	157.74
19880919	16:30	162.46	19880923	22:30	331.34
19880919	18:30	184.91	19880923	23:30	150.86
19880919	20:30	164.85	19880924	03:30	144.19
19880919	21:30	162.46	19880924	06:30	133.54
19880919	22:30	286.28	19880924	09:30	144.19
19880919	23:30	209.49	19880924	11:30	133.54
19880920	00:30	157.74	19880924	12:30	148.61
19880920	01:30	242.57	19880924	16:30	153.13
19880920	02:30	162.46	19880924	17:30	187.53
19880920	03:30	192.86	19880924	18:30	162.46
19880920	04:30	162.46	19880924	19:30	146.39
19880920	10:30	160.09	19880924	20:30	486.19
19880920	13:30	169.71	19880924	21:30	146.39
19880920	15:30	162.46	19880925	02:30	129.45
19880920	16:30	174.68	19880925	04:30	129.45
19880920	18:30	179.74	19880925	05:30	187.53
19880920	19:30	242.57	19880925	06:30	137.73
19880920	20:30	157.74	19880925	09:30	146.39
19880921	01:30	153.13	19880925	11:30	129.45
19880921	02:30	162.46	19880925	13:30	137.73
19880921	03:30	258.77	19880925	14:30	169.71
19880921	04:30	385.61	19880925	15:30	381.22
19880921	05:30	167.27	19880925	16:30	150.86
19880921	07:30	190.18	19880925	22:30	131.48
19880921	08:30	169.71	19880926	01:30	137.73
19880921	13:30	157.74	19880926	03:30	135.63
19880921	14:30	157.74	19880926	04:30	157.74
19880921	15:30	300.78	19880926	05:30	135.63
19880921	16:30	157.74	19880926	09:30	127.43
19880921	17:30	315.79	19880926	10:30	160.09
19880921	18:30	164.85	19880926	11:30	121.52
19880921	20:30	162.46	19880926	12:30	164.85
19880921	21:30	179.74	19880926	13:30	142.01
19880922	00:30	157.74	19880926	16:30	131.48

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Date	Time	Discharge	Date	Time	Discharge
19880926	17:30	133.54	19880930	02:30	112.11
19880926	18:30	308.22	19880930	05:30	103.22
19880926	19:30	164.85	19880930	06:30	115.81
19880926	20:30	137.73	19880930	07:30	139.86
19880927	01:30	131.48	19880930	08:30	129.45
19880927	02:30	182.31	19880930	10:30	119.59
19880927	03:30	131.48	19880930	13:30	121.52
19880927	08:30	123.47	19880930	14:30	182.31
19880927	14:30	137.73	19880930	15:30	117.69
19880927	15:30	245.75	19880930	16:30	119.59
19880927	16:30	190.18	19880930	19:30	117.69
19880927	17:30	129.45	19880930	20:30	112.11
19880927	19:30	148.61	19880930	21:30	146.39
19880927	20:30	131.48	19880930	22:30	117.69
19880928	02:30	127.43	19880930	23:30	113.95
19880928	03:30	146.39	19881001	00:30	174.68
19880928	04:30	162.46	19881001	01:30	112.11
19880928	05:30	125.44	19881001	02:30	121.52
19880928	07:30	123.47	19881001	03:30	101.51
19880928	08:30	169.71	19881001	08:30	101.51
19880928	09:30	125.44	19881001	09:30	127.43
19880928	12:30	125.44	19881001	10:30	153.13
19880928	13:30	182.31	19881001	11:30	182.31
19880928	14:30	127.43	19881001	12:30	110.29
19880928	15:30	169.71	19881001	13:30	142.01
19880928	16:30	125.44	19881001	14:30	252.20
19880928	21:30	127.43	19881001	15:30	115.81
19880929	00:30	119.59	19881001	16:30	110.29
19880929	02:30	123.47	19881001	19:30	115.81
19880929	03:30	293.46	19881001	20:30	108.49
19880929	04:30	160.09	19881001	21:30	155.42
19880929	05:30	146.39	19881001	22:30	108.49
19880929	06:30	221.12	19881001	23:30	148.61
19880929	07:30	239.42	19881002	00:30	146.39
19880929	08:30	144.19	19881002	01:30	108.49
19880929	09:30	125.44	19881002	08:30	113.95
19880929	11:30	110.29	19881002	11:30	112.11
19880929	12:30	177.19	19881002	12:30	157.74
19880929	13:30	131.48	19881002	13:30	113.95
19880929	15:30	129.45	19881002	16:30	115.81
19880929	16:30	162.46	19881003	00:30	106.71
19880929	17:30	215.25	19881003	05:30	112.11
19880929	18:30	121.52	19881003	06:30	162.46
19880929	21:30	127.43	19881003	09:30	160.09
19880929	22:30	108.49	19881003	10:30	119.59
19880929	23:30	129.45	19881003	12:30	104.96
19880930	00:30	115.81	19881003	16:30	108.49
19880930	01:30	146.39	19881003	18:30	112.11

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Date	Time	Discharge	Date	Time	Discharge
19881003	19:30	148.61	19881007	04:30	258.77
19881003	20:30	115.81	19881007	05:30	289.85
19881004	00:30	112.11	19881007	06:30	351.52
19881004	03:30	125.44	19881007	07:30	279.22
19881004	12:30	129.45	19881007	09:30	275.73
19881004	13:30	187.53	19881007	10:30	376.87
19881004	14:30	133.54	19881007	11:30	272.28
19881004	15:30	133.54	19881007	12:30	275.73
19881004	16:30	162.46	19881007	13:30	355.66
19881004	17:30	129.45	19881007	14:30	364.04
19881004	23:30	129.45	19881007	15:30	421.98
19881005	01:30	148.61	19881007	16:30	293.46
19881005	02:30	252.20	19881007	17:30	265.47
19881005	03:30	139.86	19881007	18:30	394.48
19881005	04:30	155.42	19881007	19:30	248.96
19881005	05:30	248.96	19881007	22:30	275.73
19881005	06:30	233.21	19881008	00:30	279.22
19881005	07:30	144.19	19881008	01:30	327.40
19881005	08:30	144.19	19881008	05:30	297.10
19881005	09:30	255.47	19881008	12:30	327.40
19881005	10:30	162.46	19881008	13:30	381.22
19881005	11:30	192.86	19881008	14:30	339.31
19881005	12:30	162.46	19881008	15:30	534.53
19881005	13:30	184.91	19881008	16:30	436.23
19881005	16:30	182.31	19881008	17:30	335.31
19881005	21:30	192.86	19881009	00:30	347.41
19881006	00:30	201.05	19881009	01:30	394.48
19881006	01:30	331.34	19881009	02:30	311.99
19881006	02:30	203.83	19881009	03:30	460.73
19881006	04:30	218.17	19881009	04:30	331.34
19881006	05:30	343.34	19881009	05:30	327.40
19881006	06:30	286.28	19881009	06:30	431.44
19881006	08:30	258.77	19881009	07:30	335.31
19881006	11:30	255.47	19881009	10:30	323.50
19881006	13:30	268.86	19881009	11:30	381.22
19881006	15:30	252.20	19881009	12:30	315.79
19881006	16:30	233.21	19881009	13:30	347.41
19881006	17:30	308.22	19881009	14:30	431.44
19881006	18:30	242.57	19881009	15:30	355.66
19881006	19:30	297.10	19881009	16:30	335.31
19881006	20:30	436.23	19881009	17:30	616.36
19881006	21:30	245.75	19881009	18:30	327.40
19881006	22:30	450.82	19881009	19:30	529.00
19881006	23:30	304.48	19881009	20:30	412.67
19881007	00:30	426.69	19881009	21:30	331.34
19881007	01:30	248.96	19881009	22:30	347.41
19881007	02:30	304.48	19881009	23:30	551.37
19881007	03:30	289.85	19881010	00:30	315.79

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Date	Time	Discharge	Date	Time	Discharge
19881010	01:30	351.52	19881016	19:15	212.35
19881010	03:30	376.87	19881017	00:15	230.14
19881010	04:30	616.36	19881017	03:15	206.65
19881010	05:30	441.05	19881017	07:15	184.91
19881010	06:30	368.28	19881017	11:15	190.18
19881010	07:30	343.34	19881017	12:15	315.79
19881010	10:30	308.22	19881017	13:15	195.56
19881010	11:30	286.28	19881017	14:15	359.83
19881010	12:30	372.56	19881017	15:15	192.86
19881010	13:30	304.48	19881017	18:15	201.05
19881010	14:30	308.22	19881017	20:15	195.56
19881011	16:30	293.46	19881017	21:15	239.42
19881012	16:30	272.28	19881017	22:15	190.18
19881013	18:15	245.75	19881018	05:15	190.18
19881013	21:15	239.42	19881018	08:15	212.35
19881014	00:15	252.20	19881018	10:15	209.49
19881014	06:15	233.21	19881018	11:15	239.42
19881014	07:15	245.75	19881018	12:15	242.57
19881014	08:15	351.52	19881018	13:15	184.91
19881014	09:15	245.75	19881018	18:15	184.91
19881014	14:15	242.57	19881018	19:15	187.53
19881014	16:15	224.10	19881018	20:15	227.11
19881014	18:15	248.96	19881018	21:15	182.31
19881014	19:15	347.41	19881018	22:15	230.14
19881014	20:15	230.14	19881018	23:15	187.53
19881014	21:15	529.00	19881019	00:15	174.68
19881014	22:15	230.14	19881019	01:15	224.10
19881015	00:15	209.49	19881019	02:15	242.57
19881015	03:15	190.18	19881019	03:15	179.74
19881015	07:15	179.74	19881019	05:15	179.74
19881015	11:15	160.09	19881019	06:15	398.97
19881015	12:15	164.85	19881019	07:15	289.85
19881015	14:15	187.53	19881019	08:15	203.83
19881015	15:15	323.50	19881019	09:15	187.53
19881015	16:15	268.86	19881019	10:15	177.19
19881015	17:15	545.71	19881019	11:15	239.42
19881015	18:15	286.28	19881019	12:15	174.68
19881015	19:15	182.31	19881019	14:15	198.29
19881015	20:15	258.77	19881019	17:15	182.31
19881015	21:15	177.19	19881019	18:15	167.27
19881016	02:15	162.46	19881019	20:15	177.19
19881016	06:15	148.61	19881019	21:15	255.47
19881016	10:15	153.13	19881019	22:15	172.18
19881016	11:15	172.18	19881019	23:15	262.10
19881016	12:15	308.22	19881020	00:15	182.31
19881016	13:15	172.18	19881020	01:15	252.20
19881016	15:15	195.56	19881020	02:15	182.31
19881016	18:15	187.53	19881020	05:15	184.91

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19881020	06:15	252.20	19881023	13:15	125.44
19881020	07:15	224.10	19881023	14:15	177.19
19881020	08:15	187.53	19881023	15:15	137.73
19881020	18:15	184.91	19881023	16:15	108.49
19881020	21:15	187.53	19881023	17:15	239.42
19881020	22:15	441.05	19881023	18:15	113.95
19881020	23:15	184.91	19881023	19:15	153.13
19881021	00:15	224.10	19881023	20:15	146.39
19881021	01:15	190.18	19881023	22:15	133.54
19881021	02:15	308.22	19881024	04:15	146.39
19881021	03:15	230.14	19881024	05:15	157.74
19881021	04:15	252.20	19881024	06:15	218.17
19881021	05:15	262.10	19881024	07:15	182.31
19881021	06:15	192.86	19881024	10:15	164.85
19881021	08:15	172.18	19881024	11:15	172.18
19881021	12:15	167.27	19881024	12:15	236.30
19881021	14:15	187.53	19881024	13:15	289.85
19881021	15:15	221.12	19881024	14:15	192.86
19881021	16:15	187.53	19881024	15:15	275.73
19881021	17:15	275.73	19881024	16:15	209.49
19881021	18:15	177.19	19881024	17:15	311.99
19881021	20:15	174.68	19881024	18:15	239.42
19881021	21:15	239.42	19881024	20:15	221.12
19881021	22:15	177.19	19881024	21:15	236.30
19881022	01:15	177.19	19881024	22:15	441.05
19881022	02:15	203.83	19881024	23:15	242.57
19881022	03:15	172.18	19881025	00:15	227.11
19881022	04:15	355.66	19881025	02:15	201.05
19881022	05:15	167.27	19881025	03:15	187.53
19881022	10:15	157.74	19881025	05:15	169.71
19881022	11:15	212.35	19881025	11:15	148.61
19881022	12:15	155.42	19881025	15:15	153.13
19881022	13:15	167.27	19881025	16:15	201.05
19881022	14:15	187.53	19881025	17:15	162.46
19881022	15:15	339.31	19881025	18:15	164.85
19881022	16:15	174.68	19881025	22:15	148.61
19881022	17:15	347.41	19881026	03:15	137.73
19881022	18:15	150.86	19881026	04:15	195.56
19881022	20:15	155.42	19881026	05:15	137.73
19881022	21:15	242.57	19881026	07:15	119.59
19881022	22:15	192.86	19881026	15:15	115.81
19881022	23:15	190.18	19881026	17:15	125.44
19881023	00:15	133.54	19881026	18:15	125.44
19881023	03:15	117.69	19881027	00:15	144.19
19881023	08:15	101.51	19881027	07:15	142.01
19881023	09:15	94.85	19881027	12:15	137.73
19881023	10:15	82.48	19881027	14:15	155.42
19881023	12:15	69.98	19881027	15:15	187.53

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19881027	16:15	153.13	19881031	06:15	203.83
19881027	18:15	153.13	19881031	07:15	252.20
19881028	00:15	137.73	19881031	08:15	115.81
19881028	11:15	135.63	19881031	09:15	113.95
19881028	12:15	127.43	19881031	10:15	137.73
19881028	13:15	203.83	19881031	11:15	110.29
19881028	14:15	135.63	19881031	12:15	113.95
19881028	18:15	133.54	19881031	13:15	153.13
19881028	20:15	137.73	19881031	14:15	115.81
19881028	21:15	167.27	19881031	18:15	121.52
19881028	22:15	135.63	19881031	20:15	115.81
19881028	23:15	167.27	19881031	21:15	153.13
19881029	03:15	164.85	19881031	23:15	142.01
19881029	04:15	137.73	19881101	04:15	153.13
19881029	06:15	133.54	19881101	05:15	255.47
19881029	09:15	129.45	19881101	06:15	224.10
19881029	11:15	123.47	19881101	07:15	195.56
19881029	13:15	137.73	19881101	08:15	177.19
19881029	14:15	144.19	19881101	09:15	144.19
19881029	15:15	177.19	19881101	12:15	144.19
19881029	16:15	157.74	19881101	16:15	155.42
19881029	17:15	135.63	19881101	18:15	150.86
19881029	18:15	133.54	19881101	19:15	390.03
19881029	19:15	169.71	19881101	20:15	148.61
19881029	20:15	131.48	19881102	00:15	155.42
19881029	22:15	129.45	19881102	05:15	139.86
19881029	23:15	182.31	19881102	09:15	121.52
19881030	01:15	190.18	19881102	12:15	117.69
19881030	02:15	167.27	19881102	14:15	133.54
19881030	03:15	127.43	19881102	15:15	167.27
19881030	08:15	123.47	19881102	16:15	198.29
19881030	11:15	112.11	19881102	17:15	160.09
19881030	13:15	125.44	19881102	18:15	135.63
19881030	14:15	113.95	19881102	20:15	129.45
19881030	15:15	101.51	19881102	21:15	157.74
19881030	16:15	119.59	19881103	00:15	137.73
19881030	17:15	142.01	19881103	07:15	150.86
19881030	18:15	117.69	19881103	12:15	142.01
19881030	20:15	123.47	19881103	14:15	160.09
19881030	21:15	110.29	19881103	16:15	172.18
19881030	22:15	212.35	19881103	17:15	255.47
19881030	23:15	174.68	19881103	18:15	162.46
19881031	00:15	245.75	19881103	23:15	153.13
19881031	01:15	209.49	19881104	05:15	157.74
19881031	02:15	146.39	19881104	08:15	179.74
19881031	03:15	195.56	19881104	10:15	198.29
19881031	04:15	248.96	19881104	12:15	218.17
19881031	05:15	239.42	19881104	15:15	239.42

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Date	Time	Discharge	Date	Time	Discharge
19881104	16:15	242.57	19881109	12:15	654.02
19881104	17:15	355.66	19881109	18:15	680.01
19881104	18:15	245.75	19881110	06:15	680.01
19881105	00:15	258.77	19881110	07:15	699.98
19881105	02:15	289.85	19881110	08:15	1079.22
19881105	04:15	315.79	19881110	09:15	915.11
19881105	06:15	351.52	19881110	10:15	699.98
19881105	08:15	385.61	19881110	18:15	673.44
19881105	11:15	421.98	19881110	22:15	693.28
19881105	12:15	465.75	19881111	06:15	673.44
19881105	13:15	680.01	19881111	08:15	680.01
19881105	14:15	551.37	19881111	09:15	798.73
19881105	15:15	604.16	19881111	10:15	666.92
19881105	16:15	518.05	19881111	18:15	699.98
19881105	18:15	551.37	19881112	01:15	762.39
19881105	19:15	481.02	19881112	06:15	828.67
19881105	20:15	592.13	19881112	11:15	882.97
19881105	21:15	486.19	19881112	14:15	948.07
19881106	03:15	507.27	19881112	18:15	890.93
19881106	05:15	534.53	19881112	20:15	956.44
19881106	07:15	551.37	19881113	01:15	898.93
19881106	11:15	580.27	19881113	07:15	939.75
19881106	12:15	890.93	19881113	11:15	939.75
19881106	13:15	641.29	19881113	14:15	898.93
19881106	14:15	562.81	19881113	17:15	931.48
19881106	15:15	586.18	19881113	18:15	915.11
19881106	16:15	727.25	19881113	20:15	981.87
19881106	17:15	586.18	19881113	23:15	906.99
19881106	18:15	580.27	19881114	07:15	882.97
19881107	03:15	592.13	19881114	10:15	882.97
19881107	07:15	604.16	19881114	11:15	1016.51
19881107	08:15	720.36	19881114	12:15	882.97
19881107	10:15	727.25	19881114	14:15	923.27
19881107	11:15	641.29	19881114	18:15	898.93
19881107	17:15	622.53	19881115	02:15	915.11
19881107	18:15	666.92	19881115	03:15	1079.22
19881108	00:15	673.44	19881115	04:15	906.99
19881108	06:15	634.99	19881115	13:15	890.93
19881108	13:15	641.29	19881115	14:15	1193.04
19881108	14:15	680.01	19881115	15:15	1390.34
19881108	15:15	948.07	19881115	16:15	1202.90
19881108	16:15	680.01	19881115	17:15	1079.22
19881108	18:15	660.45	19881115	18:15	906.99
19881108	19:15	890.93	19881115	22:15	906.99
19881108	20:15	973.34	19881115	23:15	1043.06
19881108	21:15	647.63	19881116	00:15	956.44
19881109	04:15	660.45	19881116	01:15	867.20
19881109	09:15	693.28	19881116	08:15	821.11

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Date	Time	Discharge	Date	Time	Discharge
19881116	14:15	859.40	19881122	18:15	851.64
19881116	18:15	882.97	19881123	02:15	836.27
19881117	04:15	867.20	19881123	08:15	867.20
19881117	10:15	859.40	19881123	11:15	890.93
19881117	14:15	898.93	19881123	12:15	948.07
19881117	18:15	867.20	19881123	13:15	859.40
19881118	02:15	882.97	19881123	17:15	890.93
19881118	03:15	915.11	19881123	18:15	882.97
19881118	04:15	973.34	19881123	23:15	890.93
19881118	05:15	1070.10	19881124	09:15	906.99
19881118	08:15	1097.63	19881124	11:15	939.75
19881118	09:15	1007.77	19881124	15:15	882.97
19881118	10:15	906.99	19881124	18:15	875.06
19881118	12:15	981.87	19881124	19:15	948.07
19881118	17:15	939.75	19881124	20:15	875.06
19881118	18:15	973.34	19881124	23:15	882.97
19881119	00:15	981.87	19881125	00:15	956.44
19881119	05:15	1061.03	19881125	02:15	898.93
19881119	12:15	1116.26	19881125	11:15	948.07
19881119	18:15	1034.16	19881125	18:15	923.27
19881119	21:15	1079.22	19881126	09:15	890.93
19881119	22:15	1163.82	19881126	18:15	882.97
19881120	00:15	1079.22	19881127	01:15	828.67
19881120	05:15	1025.31	19881127	09:15	806.14
19881120	06:15	1034.16	19881127	14:15	798.73
19881120	07:15	1585.61	19881127	16:15	806.14
19881120	08:15	1025.31	19881127	17:15	939.75
19881120	09:15	1097.63	19881127	18:15	813.60
19881120	10:15	1025.31	19881127	22:15	806.14
19881120	11:15	1368.55	19881128	01:15	762.39
19881120	12:15	1016.51	19881128	12:15	748.20
19881120	18:15	973.34	19881128	18:15	713.52
19881120	19:15	931.48	19881129	05:15	673.44
19881120	22:15	890.93	19881129	10:15	680.01
19881121	07:15	906.99	19881129	12:15	686.62
19881121	11:15	867.20	19881129	13:15	1070.10
19881121	18:15	851.64	19881129	14:15	666.92
19881121	22:15	882.97	19881129	15:15	769.57
19881121	23:15	1193.04	19881129	16:15	699.98
19881122	00:15	828.67	19881129	18:15	693.28
19881122	02:15	843.93	19881129	21:15	647.63
19881122	03:15	1106.92	19881130	06:15	616.36
19881122	04:15	806.14	19881130	07:15	634.99
19881122	05:15	1445.89	19881130	08:15	693.28
19881122	06:15	821.11	19881130	09:15	610.24
19881122	09:15	791.36	19881130	12:15	660.45
19881122	10:15	956.44	19881130	14:15	604.16
19881122	11:15	806.14	19881130	18:15	598.12



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Date	Time	Discharge	Date	Time	Discharge
19881201	01:15	574.41	19881208	16:15	245.75
19881201	11:15	529.00	19881208	17:15	304.48
19881201	18:15	507.27	19881208	18:15	282.73
19881202	05:15	491.41	19881208	19:15	239.42
19881202	14:15	460.73	19881209	01:15	215.25
19881202	16:15	460.73	19881209	04:15	221.12
19881202	18:15	491.41	19881209	05:15	262.10
19881202	23:15	491.41	19881209	06:15	331.34
19881203	00:15	450.82	19881209	07:15	335.31
19881203	06:15	465.75	19881209	08:15	212.35
19881203	07:15	460.73	19881209	09:15	221.12
19881203	08:15	534.53	19881209	10:15	275.73
19881203	09:15	592.13	19881209	11:15	297.10
19881203	10:15	622.53	19881209	12:15	385.61
19881203	11:15	545.71	19881209	13:15	230.14
19881203	12:15	475.89	19881209	16:15	218.17
19881203	15:15	496.65	19881209	17:15	248.96
19881203	16:15	562.81	19881209	18:15	289.85
19881203	17:15	408.07	19881209	19:15	239.42
19881203	18:15	417.31	19881209	20:15	209.49
19881203	23:15	403.50	19881210	06:15	212.35
19881204	00:15	470.80	19881210	08:15	224.10
19881204	02:15	426.69	19881210	11:15	203.83
19881204	04:15	408.07	19881210	16:15	209.49
19881204	05:15	654.02	19881210	17:15	218.17
19881204	06:15	381.22	19881210	18:15	289.85
19881204	13:15	376.87	19881210	19:15	289.85
19881204	14:15	445.92	19881210	20:15	233.21
19881204	15:15	417.31	19881210	23:15	212.35
19881204	16:15	381.22	19881211	05:15	221.12
19881204	18:15	368.28	19881211	07:15	233.21
19881204	19:15	455.75	19881211	08:15	368.28
19881204	20:15	394.48	19881211	09:15	286.28
19881204	22:15	355.66	19881211	10:15	221.12
19881205	08:15	351.52	19881211	13:15	227.11
19881205	17:15	315.79	19881211	14:15	252.20
19881205	18:15	311.99	19881211	15:15	308.22
19881206	05:15	293.46	19881211	16:15	245.75
19881206	15:15	268.86	19881211	17:15	233.21
19881206	18:15	262.10	19881211	18:15	297.10
19881207	10:15	239.42	19881211	19:15	381.22
19881207	15:15	239.42	19881211	20:15	364.04
19881207	18:15	230.14	19881211	21:15	297.10
19881208	02:15	218.17	19881211	22:15	212.35
19881208	06:15	242.57	19881211	23:15	297.10
19881208	09:15	245.75	19881212	00:15	304.48
19881208	10:15	282.73	19881212	01:15	215.25
19881208	11:15	242.57	19881212	05:15	201.05

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Date	Time	Discharge	Date	Time	Discharge
19881212	07:15	221.12	19881217	13:15	177.19
19881212	09:15	242.57	19881217	17:15	160.09
19881212	10:15	289.85	19881217	18:15	157.74
19881212	11:15	203.83	19881217	23:15	157.74
19881212	14:15	198.29	19881218	00:15	212.35
19881212	15:15	297.10	19881218	01:15	177.19
19881212	16:15	203.83	19881218	02:15	209.49
19881212	18:15	215.25	19881218	03:15	157.74
19881212	21:15	192.86	19881218	04:15	153.13
19881213	03:15	184.91	19881218	05:15	201.05
19881213	08:15	179.74	19881218	06:15	155.42
19881213	18:15	184.91	19881218	07:15	233.21
19881214	00:15	164.85	19881218	08:15	179.74
19881214	01:15	179.74	19881218	09:15	212.35
19881214	02:15	297.10	19881218	10:15	252.20
19881214	03:15	265.47	19881218	11:15	150.86
19881214	04:15	162.46	19881218	12:15	242.57
19881214	07:15	169.71	19881218	13:15	300.78
19881214	09:15	169.71	19881218	14:15	177.19
19881214	10:15	245.75	19881218	15:15	198.29
19881214	11:15	227.11	19881218	16:15	155.42
19881214	12:15	272.28	19881218	18:15	155.42
19881214	13:15	323.50	19881218	22:15	167.27
19881214	14:15	212.35	19881219	01:15	164.85
19881214	17:15	239.42	19881219	02:15	157.74
19881214	18:15	155.42	19881219	03:15	293.46
19881215	03:15	157.74	19881219	04:15	215.25
19881215	05:15	148.61	19881219	05:15	187.53
19881215	06:15	203.83	19881219	08:15	169.71
19881215	07:15	148.61	19881219	12:15	160.09
19881215	11:15	164.85	19881219	13:15	177.19
19881215	14:15	150.86	19881219	14:15	221.12
19881215	15:15	157.74	19881219	15:15	201.05
19881215	16:15	174.68	19881219	16:15	169.71
19881215	18:15	160.09	19881219	18:15	162.46
19881216	05:15	164.85	19881219	19:15	157.74
19881216	10:15	174.68	19881219	20:15	265.47
19881216	11:15	184.91	19881219	21:15	150.86
19881216	12:15	215.25	19881219	22:15	153.13
19881216	13:15	190.18	19881219	23:15	187.53
19881216	15:15	169.71	19881220	01:15	172.18
19881216	18:15	174.68	19881220	03:15	153.13
19881216	21:15	182.31	19881220	10:15	146.39
19881217	01:15	177.19	19881220	14:15	148.61
19881217	02:15	323.50	19881220	16:15	167.27
19881217	03:15	179.74	19881220	18:15	153.13
19881217	09:15	174.68	19881220	21:15	160.09
19881217	11:15	167.27	19881220	22:15	177.19

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19881220	23:15	142.01	19881228	13:15	137.73
19881221	00:15	142.01	19881228	14:15	355.66
19881221	02:15	157.74	19881228	15:15	275.73
19881221	07:15	137.73	19881228	16:15	179.74
19881221	15:15	139.86	19881228	17:15	252.20
19881221	17:15	160.09	19881228	18:15	137.73
19881221	18:15	144.19	19881228	19:15	137.73
19881221	22:15	133.54	19881228	20:15	227.11
19881222	08:15	127.43	19881228	21:15	224.10
19881222	09:15	187.53	19881228	22:15	150.86
19881222	16:15	187.53	19881229	00:15	133.54
19881222	17:15	221.12	19881229	01:15	179.74
19881222	18:15	201.05	19881229	02:15	144.19
19881222	19:15	169.71	19881229	09:15	142.01
19881223	05:15	150.86	19881229	12:15	150.86
19881223	08:15	144.19	19881229	18:15	153.13
19881223	16:15	137.73	19881230	06:15	148.61
19881223	17:15	146.39	19881230	15:15	148.61
19881223	18:15	162.46	19881230	18:15	146.39
19881223	19:15	137.73	19881231	01:15	150.86
19881224	00:15	125.44	19881231	02:15	167.27
19881224	06:15	121.52	19881231	03:15	275.73
19881224	15:15	115.81	19881231	04:15	150.86
19881224	18:15	119.59	19881231	07:15	172.18
19881224	20:15	137.73	19881231	12:15	184.91
19881224	22:15	121.52	19881231	13:15	339.31
19881225	03:15	112.11	19881231	14:15	182.31
19881225	08:15	129.45	19881231	15:15	408.07
19881225	11:15	117.69	19881231	16:15	157.74
19881225	13:15	129.45	19881231	18:15	160.09
19881225	18:15	123.47	19881231	21:15	162.46
19881225	20:15	142.01	19881231	22:15	308.22
19881225	21:15	121.52	19881231	23:15	233.21
19881226	07:15	119.59	19890101	00:15	169.71
19881226	09:15	129.45	19890101	03:15	150.86
19881226	13:15	117.69	19890101	04:15	153.13
19881226	18:15	129.45	19890101	05:15	174.68
19881226	20:15	148.61	19890101	07:15	157.74
19881226	21:15	129.45	19890101	08:15	150.86
19881227	01:15	127.43	19890101	09:15	372.56
19881227	06:15	133.54	19890101	10:15	150.86
19881227	07:15	198.29	19890101	15:15	153.13
19881227	08:15	131.48	19890101	16:15	343.34
19881227	18:15	127.43	19890101	17:15	187.53
19881228	02:15	129.45	19890101	18:15	167.27
19881228	03:15	177.19	19890101	19:15	311.99
19881228	04:15	304.48	19890101	20:15	150.86
19881228	05:15	137.73	19890101	21:15	262.10

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890101	22:15	164.85	19890108	19:15	262.10
19890102	00:15	144.19	19890108	20:15	201.05
19890102	08:15	155.42	19890108	21:15	192.86
19890102	12:15	146.39	19890108	22:15	230.14
19890102	18:15	144.19	19890108	23:15	148.61
19890102	20:15	153.13	19890109	06:15	155.42
19890103	06:15	146.39	19890109	07:15	182.31
19890103	18:15	153.13	19890109	09:15	172.18
19890104	01:15	160.09	19890109	13:15	153.13
19890104	04:15	157.74	19890109	16:15	164.85
19890104	07:15	157.74	19890109	18:15	179.74
19890104	11:15	139.86	19890109	19:15	262.10
19890104	18:15	139.86	19890109	20:15	218.17
19890104	23:15	144.19	19890109	21:15	177.19
19890105	00:15	167.27	19890110	00:15	167.27
19890105	01:15	133.54	19890110	06:15	167.27
19890105	07:15	125.44	19890110	07:15	174.68
19890105	18:15	125.44	19890110	08:15	209.49
19890106	01:15	127.43	19890110	09:15	195.56
19890106	08:15	133.54	19890110	10:15	167.27
19890106	13:15	129.45	19890110	12:15	184.91
19890106	16:15	135.63	19890110	14:15	167.27
19890106	18:15	155.42	19890110	15:15	169.71
19890106	20:15	139.86	19890110	16:15	195.56
19890107	01:15	142.01	19890110	18:15	172.18
19890107	05:15	133.54	19890110	19:15	192.86
19890107	07:15	142.01	19890110	20:15	221.12
19890107	11:15	135.63	19890110	21:15	192.86
19890107	16:15	146.39	19890110	22:15	236.30
19890107	17:15	174.68	19890110	23:15	169.71
19890107	18:15	198.29	19890111	03:15	169.71
19890107	20:15	184.91	19890111	04:15	293.46
19890107	21:15	319.63	19890111	05:15	255.47
19890107	22:15	139.86	19890111	06:15	203.83
19890107	23:15	144.19	19890111	07:15	376.87
19890108	00:15	184.91	19890111	08:15	212.35
19890108	01:15	359.83	19890111	09:15	308.22
19890108	02:15	146.39	19890111	10:15	230.14
19890108	06:15	153.13	19890111	11:15	184.91
19890108	08:15	155.42	19890111	15:15	164.85
19890108	10:15	144.19	19890111	16:45	157.74
19890108	12:15	155.42	19890111	18:45	167.27
19890108	13:15	184.91	19890111	19:45	215.25
19890108	14:15	150.86	19890111	20:45	190.18
19890108	15:15	150.86	19890111	21:45	167.27
19890108	16:15	245.75	19890111	22:45	512.64
19890108	17:15	212.35	19890111	23:45	153.13
19890108	18:15	258.77	19890112	06:45	157.74

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890112	07:45	169.71	19890121	06:45	129.45
19890112	08:45	201.05	19890121	08:45	112.11
19890112	09:45	179.74	19890121	14:45	110.29
19890112	10:45	162.46	19890121	15:45	123.47
19890112	16:45	157.74	19890121	16:45	133.54
19890112	21:45	164.85	19890121	17:45	129.45
19890113	07:45	162.46	19890121	18:45	113.95
19890113	08:45	182.31	19890121	22:45	103.22
19890113	10:45	179.74	19890122	04:45	106.71
19890113	13:45	160.09	19890122	06:45	115.81
19890113	16:45	164.85	19890122	09:45	99.81
19890114	06:45	169.71	19890122	15:45	106.71
19890114	09:45	192.86	19890122	16:45	113.95
19890114	11:45	179.74	19890122	18:45	108.49
19890114	14:45	164.85	19890122	21:45	96.49
19890114	16:45	167.27	19890123	04:45	99.81
19890115	07:45	174.68	19890123	05:45	117.69
19890115	11:45	198.29	19890123	07:45	112.11
19890115	12:45	182.31	19890123	09:45	96.49
19890115	16:45	172.18	19890123	15:45	96.49
19890116	03:45	167.27	19890123	16:45	106.71
19890116	10:45	169.71	19890123	18:45	121.52
19890116	12:45	179.74	19890123	19:45	101.51
19890116	15:45	157.74	19890123	23:45	91.64
19890116	16:45	153.13	19890124	04:45	93.24
19890117	04:45	148.61	19890124	05:45	103.22
19890117	12:45	150.86	19890124	07:45	113.95
19890117	16:45	139.86	19890124	08:45	103.22
19890118	05:45	135.63	19890124	11:45	94.85
19890118	12:45	137.73	19890124	16:45	94.85
19890118	15:45	144.19	19890124	17:45	112.11
19890118	16:45	131.48	19890124	19:45	117.69
19890119	02:45	135.63	19890124	20:45	106.71
19890119	05:45	131.48	19890125	00:45	98.14
19890119	12:45	129.45	19890125	05:45	106.71
19890119	14:45	144.19	19890125	06:45	125.44
19890119	16:45	139.86	19890125	08:45	117.69
19890119	19:45	121.52	19890125	09:45	104.96
19890120	02:45	127.43	19890125	13:45	96.49
19890120	05:45	146.39	19890125	16:45	98.14
19890120	06:45	129.45	19890125	17:45	103.22
19890120	09:45	119.59	19890125	18:45	123.47
19890120	14:45	127.43	19890125	20:45	119.59
19890120	16:45	137.73	19890125	21:45	104.96
19890120	17:45	121.52	19890126	02:45	98.14
19890120	21:45	112.11	19890126	05:45	99.81
19890121	03:45	117.69	19890126	06:45	123.47
19890121	04:45	129.45	19890126	08:45	131.48

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890126	09:45	121.52	19890131	10:45	110.29
19890126	10:45	106.71	19890131	14:45	103.22
19890126	14:45	99.81	19890131	16:45	90.07
19890126	16:45	99.81	19890131	23:45	85.46
19890126	18:45	110.29	19890201	00:45	90.07
19890126	19:45	131.48	19890201	01:45	103.22
19890126	22:45	113.95	19890201	04:45	101.51
19890127	02:45	101.51	19890201	08:45	88.51
19890127	06:45	108.49	19890201	11:45	94.85
19890127	07:45	133.54	19890201	13:45	108.49
19890127	09:45	133.54	19890201	16:45	93.24
19890127	10:45	121.52	19890201	21:45	83.96
19890127	13:45	104.96	19890202	01:45	86.97
19890127	16:45	104.96	19890202	02:45	103.22
19890127	18:45	104.96	19890202	06:45	93.24
19890127	19:45	121.52	19890202	11:45	85.46
19890127	21:45	137.73	19890202	12:45	88.51
19890127	23:45	121.52	19890202	13:45	108.49
19890128	04:45	108.49	19890202	16:45	98.14
19890128	06:45	110.29	19890202	18:45	85.46
19890128	07:45	135.63	19890203	02:45	88.51
19890128	10:45	135.63	19890203	03:45	108.49
19890128	12:45	119.59	19890203	06:45	98.14
19890128	16:45	104.96	19890203	10:45	83.96
19890128	20:45	106.71	19890203	13:45	90.07
19890128	21:45	133.54	19890203	14:45	110.29
19890129	00:45	123.47	19890203	16:45	103.22
19890129	02:45	106.71	19890203	18:45	91.64
19890129	07:45	101.51	19890203	22:45	79.57
19890129	08:45	129.45	19890204	02:45	82.48
19890129	11:45	121.52	19890204	03:45	103.22
19890129	13:45	104.96	19890204	06:45	99.81
19890129	16:45	93.24	19890204	08:45	86.97
19890129	21:45	94.85	19890204	13:45	83.96
19890129	22:45	101.51	19890204	14:45	108.49
19890130	00:45	115.81	19890204	16:45	106.71
19890130	02:45	99.81	19890204	19:45	91.64
19890130	07:45	93.24	19890204	23:45	78.15
19890130	08:45	94.85	19890205	03:45	88.51
19890130	09:45	117.69	19890205	04:45	110.29
19890130	12:45	113.95	19890205	08:45	96.49
19890130	14:45	99.81	19890205	11:45	82.48
19890130	16:45	91.64	19890205	14:45	90.07
19890130	23:45	91.64	19890205	15:45	117.69
19890131	00:45	104.96	19890205	16:45	115.81
19890131	02:45	110.29	19890205	17:45	115.81
19890131	04:45	96.49	19890205	18:45	98.14
19890131	09:45	93.24	19890205	21:45	83.96

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890206	03:45	81.02	19890209	08:45	187.53
19890206	04:45	113.95	19890209	09:45	121.52
19890206	06:45	119.59	19890209	13:45	104.96
19890206	07:45	106.71	19890209	16:45	91.64
19890206	09:45	94.85	19890209	17:45	93.24
19890206	12:45	83.96	19890209	18:45	131.48
19890206	14:45	90.07	19890209	22:45	131.48
19890206	15:45	115.81	19890210	00:45	117.69
19890206	16:45	133.54	19890210	03:45	101.51
19890206	18:45	135.63	19890210	05:45	99.81
19890206	19:45	129.45	19890210	06:45	144.19
19890206	20:45	98.14	19890210	07:45	155.42
19890207	01:45	90.07	19890210	08:45	206.65
19890207	02:45	127.43	19890210	09:45	148.61
19890207	03:45	88.51	19890210	10:45	131.48
19890207	04:45	112.11	19890210	13:45	115.81
19890207	05:45	127.43	19890210	15:45	101.51
19890207	06:45	150.86	19890210	16:45	96.49
19890207	07:45	131.48	19890210	18:45	96.49
19890207	08:45	112.11	19890210	19:45	135.63
19890207	09:45	203.83	19890211	00:45	125.44
19890207	10:45	146.39	19890211	01:45	112.11
19890207	11:45	94.85	19890211	03:45	98.14
19890207	15:45	90.07	19890211	05:45	94.85
19890207	16:45	129.45	19890211	06:45	104.96
19890207	17:45	139.86	19890211	07:45	139.86
19890207	18:45	174.68	19890211	09:45	148.61
19890207	19:45	139.86	19890211	10:45	127.43
19890207	20:45	104.96	19890211	14:45	115.81
19890208	01:45	90.07	19890211	16:45	101.51
19890208	04:45	88.51	19890211	19:45	96.49
19890208	05:45	127.43	19890211	20:45	133.54
19890208	06:45	144.19	19890212	00:45	131.48
19890208	07:45	195.56	19890212	01:45	119.59
19890208	08:45	131.48	19890212	02:45	108.49
19890208	09:45	106.71	19890212	06:45	96.49
19890208	13:45	93.24	19890212	07:45	117.69
19890208	16:45	88.51	19890212	08:45	142.01
19890208	17:45	125.44	19890212	14:45	133.54
19890208	18:45	135.63	19890212	15:45	121.52
19890208	19:45	164.85	19890212	16:45	112.11
19890208	20:45	121.52	19890212	20:45	103.22
19890208	23:45	106.71	19890212	21:45	108.49
19890209	01:45	93.24	19890212	22:45	146.39
19890209	04:45	88.51	19890213	01:45	137.73
19890209	05:45	110.29	19890213	02:45	127.43
19890209	06:45	131.48	19890213	04:45	112.11
19890209	07:45	198.29	19890213	07:45	104.96

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890213	08:45	119.59	19890219	14:45	233.21
19890213	09:45	148.61	19890219	15:45	252.20
19890213	14:45	142.01	19890219	16:45	268.86
19890213	16:45	125.44	19890219	18:45	242.57
19890213	21:45	110.29	19890219	22:45	221.12
19890213	22:45	110.29	19890220	02:45	201.05
19890213	23:45	133.54	19890220	03:45	209.49
19890214	01:45	153.13	19890220	04:45	242.57
19890214	04:45	135.63	19890220	07:45	239.42
19890214	08:45	117.69	19890220	11:45	212.35
19890214	09:45	121.52	19890220	14:45	201.05
19890214	10:45	150.86	19890220	15:45	233.21
19890214	13:45	157.74	19890220	16:45	242.57
19890214	16:45	139.86	19890220	18:45	245.75
19890214	20:45	123.47	19890220	20:45	218.17
19890215	00:45	127.43	19890221	00:45	192.86
19890215	01:45	157.74	19890221	03:45	177.19
19890215	06:45	139.86	19890221	04:45	236.30
19890215	10:45	127.43	19890221	07:45	230.14
19890215	11:45	137.73	19890221	09:45	209.49
19890215	12:45	162.46	19890221	12:45	184.91
19890215	16:45	155.42	19890221	15:45	167.27
19890215	20:45	135.63	19890221	16:45	215.25
19890216	00:45	131.48	19890221	18:45	227.11
19890216	01:45	139.86	19890221	19:45	209.49
19890216	02:45	164.85	19890221	21:45	187.53
19890216	12:45	146.39	19890221	23:45	172.18
19890216	13:45	169.71	19890222	00:45	160.09
19890216	16:45	167.27	19890222	02:45	142.01
19890216	22:45	148.61	19890222	04:45	160.09
19890217	01:45	148.61	19890222	05:45	203.83
19890217	02:45	164.85	19890222	07:45	209.49
19890217	05:45	174.68	19890222	09:45	184.91
19890217	11:45	157.74	19890222	11:45	172.18
19890217	13:45	169.71	19890222	12:45	160.09
19890217	14:45	190.18	19890222	13:45	148.61
19890217	15:45	221.12	19890222	15:45	131.48
19890217	16:45	403.50	19890222	16:45	142.01
19890217	17:45	187.53	19890222	17:45	195.56
19890217	23:45	172.18	19890222	20:45	190.18
19890218	02:45	179.74	19890222	23:45	167.27
19890218	04:45	203.83	19890223	00:45	162.46
19890218	13:45	201.05	19890223	01:45	139.86
19890218	14:45	221.12	19890223	02:45	135.63
19890218	16:45	227.11	19890223	03:45	119.59
19890219	00:45	215.25	19890223	04:45	113.95
19890219	06:45	242.57	19890223	05:45	179.74
19890219	12:45	221.12	19890223	08:45	190.18



Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890223	10:45	169.71	19890226	23:45	184.91
19890223	12:45	153.13	19890227	00:45	169.71
19890223	14:45	135.63	19890227	01:45	153.13
19890223	16:45	117.69	19890227	03:45	142.01
19890223	17:45	162.46	19890227	06:45	127.43
19890223	18:45	192.86	19890227	07:45	182.31
19890223	21:45	192.86	19890227	09:45	203.83
19890223	23:45	169.71	19890227	11:45	206.65
19890224	00:45	150.86	19890227	12:45	187.53
19890224	01:45	135.63	19890227	13:45	174.68
19890224	04:45	117.69	19890227	14:45	160.09
19890224	05:45	160.09	19890227	16:45	142.01
19890224	06:45	203.83	19890227	20:45	131.48
19890224	11:45	179.74	19890227	21:45	157.74
19890224	13:45	164.85	19890227	22:45	195.56
19890224	14:45	142.01	19890227	23:45	268.86
19890224	16:45	125.44	19890228	00:45	198.29
19890224	17:45	123.47	19890228	01:45	177.19
19890224	18:45	184.91	19890228	03:45	155.42
19890224	21:45	195.56	19890228	05:45	135.63
19890224	23:45	182.31	19890228	07:45	139.86
19890225	00:45	164.85	19890228	08:45	187.53
19890225	01:45	146.39	19890228	11:45	198.29
19890225	03:45	129.45	19890228	12:45	192.86
19890225	05:45	131.48	19890228	13:45	248.96
19890225	06:45	195.56	19890228	14:45	169.71
19890225	09:45	198.29	19890228	16:45	148.61
19890225	12:45	179.74	19890228	21:45	142.01
19890225	13:45	167.27	19890228	22:45	148.61
19890225	14:45	155.42	19890228	23:45	177.19
19890225	16:45	137.73	19890301	01:45	184.91
19890225	18:45	142.01	19890301	02:45	172.18
19890225	19:45	195.56	19890301	04:45	150.86
19890225	22:45	195.56	19890301	07:45	139.86
19890225	23:45	187.53	19890301	08:45	146.39
19890226	00:45	169.71	19890301	09:45	177.19
19890226	01:45	153.13	19890301	12:45	198.29
19890226	03:45	133.54	19890301	14:45	182.31
19890226	05:45	123.47	19890301	15:45	169.71
19890226	06:45	157.74	19890301	16:45	153.13
19890226	07:45	209.49	19890301	22:45	135.63
19890226	11:45	198.29	19890301	23:45	144.19
19890226	13:45	184.91	19890302	00:45	182.31
19890226	14:45	153.13	19890302	02:45	201.05
19890226	16:45	135.63	19890302	04:45	182.31
19890226	19:45	131.48	19890302	05:45	167.27
19890226	20:45	182.31	19890302	08:45	146.39
19890226	22:45	195.56	19890302	10:45	153.13

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890302	11:45	187.53	19890305	13:45	131.48
19890302	12:45	206.65	19890305	14:45	179.74
19890302	13:45	275.73	19890305	16:45	160.09
19890302	14:45	272.28	19890305	17:45	144.19
19890302	15:45	192.86	19890305	19:45	125.44
19890302	16:45	192.86	19890305	20:45	119.59
19890302	17:45	144.19	19890305	21:45	104.96
19890302	21:45	129.45	19890306	00:45	91.64
19890303	00:45	123.47	19890306	02:45	94.85
19890303	01:45	169.71	19890306	03:45	153.13
19890303	03:45	192.86	19890306	05:45	157.74
19890303	05:45	177.19	19890306	06:45	137.73
19890303	06:45	162.46	19890306	07:45	121.52
19890303	07:45	148.61	19890306	09:45	108.49
19890303	09:45	129.45	19890306	10:45	98.14
19890303	11:45	121.52	19890306	13:45	91.64
19890303	12:45	146.39	19890306	14:45	123.47
19890303	13:45	177.19	19890306	15:45	155.42
19890303	15:45	184.91	19890306	16:45	192.86
19890303	16:45	167.27	19890306	17:45	164.85
19890303	17:45	144.19	19890306	18:45	117.69
19890303	18:45	137.73	19890306	20:45	104.96
19890303	19:45	206.65	19890306	22:45	91.64
19890303	20:45	121.52	19890307	02:45	82.48
19890304	01:45	110.29	19890307	03:45	121.52
19890304	02:45	160.09	19890307	04:45	139.86
19890304	04:45	179.74	19890307	05:45	187.53
19890304	06:45	164.85	19890307	06:45	148.61
19890304	07:45	148.61	19890307	07:45	113.95
19890304	08:45	133.54	19890307	10:45	99.81
19890304	09:45	121.52	19890307	13:45	86.97
19890304	12:45	115.81	19890307	14:45	93.24
19890304	13:45	218.17	19890307	15:45	133.54
19890304	14:45	187.53	19890307	16:45	150.86
19890304	16:45	172.18	19890307	17:45	236.30
19890304	18:45	157.74	19890307	18:45	190.18
19890304	19:45	239.42	19890307	19:45	119.59
19890304	20:45	125.44	19890307	20:45	99.81
19890304	21:45	119.59	19890307	23:45	85.46
19890305	00:45	104.96	19890308	03:45	81.02
19890305	01:45	103.22	19890308	04:45	125.44
19890305	02:45	133.54	19890308	05:45	206.65
19890305	03:45	174.68	19890308	06:45	255.47
19890305	06:45	157.74	19890308	07:45	174.68
19890305	08:45	137.73	19890308	08:45	115.81
19890305	09:45	121.52	19890308	09:45	101.51
19890305	10:45	106.71	19890308	12:45	91.64
19890305	12:45	108.49	19890308	15:45	83.96

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890308	16:45	117.69	19890311	18:45	76.74
19890308	17:45	153.13	19890311	19:45	174.68
19890308	18:45	221.12	19890311	20:45	94.85
19890308	19:45	160.09	19890311	21:45	86.97
19890308	20:45	104.96	19890311	22:45	78.15
19890308	21:45	93.24	19890312	01:45	66.13
19890308	23:45	82.48	19890312	06:45	68.68
19890309	03:45	75.36	19890312	07:45	91.64
19890309	04:45	94.85	19890312	08:45	110.29
19890309	05:45	133.54	19890312	09:45	90.07
19890309	06:45	286.28	19890312	10:45	78.15
19890309	07:45	245.75	19890312	12:45	72.63
19890309	08:45	139.86	19890312	14:45	81.02
19890309	09:45	99.81	19890312	15:45	69.98
19890309	12:45	86.97	19890312	16:45	64.88
19890309	15:45	81.02	19890312	20:45	67.40
19890309	16:45	75.36	19890312	22:45	79.57
19890309	17:45	112.11	19890312	23:45	66.13
19890309	18:45	182.31	19890313	07:45	63.65
19890309	19:45	142.01	19890313	08:45	86.97
19890309	20:45	99.81	19890313	11:45	78.15
19890309	21:45	86.97	19890313	13:45	67.40
19890309	23:45	76.74	19890313	16:45	63.65
19890310	04:45	71.30	19890313	22:45	64.88
19890310	05:45	101.51	19890314	08:45	63.65
19890310	06:45	184.91	19890314	09:45	69.98
19890310	07:45	275.73	19890314	10:45	85.46
19890310	08:45	182.31	19890314	12:45	72.63
19890310	09:45	106.71	19890314	16:45	63.65
19890310	10:45	88.51	19890314	20:45	67.40
19890310	12:45	81.02	19890315	10:45	64.88
19890310	14:45	79.57	19890315	11:45	68.68
19890310	16:45	69.98	19890315	12:45	135.63
19890310	17:45	69.98	19890315	13:45	69.98
19890310	18:45	101.51	19890315	16:45	64.88
19890310	20:45	96.49	19890316	01:45	68.68
19890310	21:45	85.46	19890316	03:45	75.36
19890310	23:45	72.63	19890316	06:45	64.88
19890311	05:45	68.68	19890316	11:45	69.98
19890311	06:45	98.14	19890316	12:45	108.49
19890311	07:45	184.91	19890316	13:45	73.99
19890311	08:45	177.19	19890316	16:45	67.40
19890311	09:45	110.29	19890317	01:45	68.68
19890311	10:45	83.96	19890317	02:45	83.96
19890311	12:45	78.15	19890317	03:45	108.49
19890311	13:45	131.48	19890317	04:45	101.51
19890311	14:45	78.15	19890317	05:45	78.15
19890311	16:45	67.40	19890317	07:45	67.40

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890317	11:45	72.63	19890320	20:45	113.95
19890317	12:45	119.59	19890320	21:45	83.96
19890317	13:45	72.63	19890321	02:45	81.02
19890317	14:45	99.81	19890321	03:45	99.81
19890317	15:45	115.81	19890321	04:45	172.18
19890317	16:45	91.64	19890321	07:45	160.09
19890317	17:45	71.30	19890321	08:45	148.61
19890317	23:45	69.98	19890321	09:45	121.52
19890318	02:45	78.15	19890321	10:45	88.51
19890318	03:45	127.43	19890321	14:45	82.48
19890318	05:45	115.81	19890321	15:45	93.24
19890318	06:45	91.64	19890321	16:45	177.19
19890318	07:45	75.36	19890321	18:45	179.74
19890318	08:45	72.63	19890321	20:45	160.09
19890318	09:45	93.24	19890321	21:45	129.45
19890318	10:45	73.99	19890321	22:45	90.07
19890318	13:45	75.36	19890322	02:45	81.02
19890318	14:45	90.07	19890322	03:45	86.97
19890318	15:45	137.73	19890322	04:45	172.18
19890318	16:45	133.54	19890322	06:45	182.31
19890318	17:45	113.95	19890322	08:45	162.46
19890318	18:45	82.48	19890322	09:45	153.13
19890318	21:45	72.63	19890322	10:45	115.81
19890319	02:45	73.99	19890322	11:45	91.64
19890319	03:45	123.47	19890322	15:45	86.97
19890319	05:45	142.01	19890322	16:45	160.09
19890319	06:45	123.47	19890322	17:45	190.18
19890319	07:45	93.24	19890322	20:45	172.18
19890319	08:45	76.74	19890322	21:45	157.74
19890319	14:45	76.74	19890322	22:45	99.81
19890319	15:45	142.01	19890323	00:45	85.46
19890319	16:45	155.42	19890323	03:45	85.46
19890319	17:45	146.39	19890323	04:45	169.71
19890319	18:45	127.43	19890323	05:45	195.56
19890319	19:45	90.07	19890323	07:45	190.18
19890319	20:45	75.36	19890323	09:45	174.68
19890320	02:45	76.74	19890323	10:45	148.61
19890320	03:45	110.29	19890323	11:45	96.49
19890320	04:45	162.46	19890323	15:45	88.51
19890320	06:45	150.86	19890323	16:45	99.81
19890320	07:45	135.63	19890323	17:45	192.86
19890320	08:45	101.51	19890323	21:45	179.74
19890320	09:45	79.57	19890323	22:45	127.43
19890320	14:45	81.02	19890323	23:45	88.51
19890320	15:45	123.47	19890324	03:45	86.97
19890320	16:45	167.27	19890324	04:45	127.43
19890320	18:45	155.42	19890324	05:45	198.29
19890320	19:45	144.19	19890324	07:45	201.05

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890324	09:45	184.91	19890327	20:45	359.83
19890324	10:45	172.18	19890327	23:45	394.48
19890324	11:45	103.22	19890328	01:45	390.03
19890324	14:45	90.07	19890328	04:45	359.83
19890324	16:45	88.51	19890328	05:45	381.22
19890324	17:45	169.71	19890328	06:45	445.92
19890324	18:45	198.29	19890328	08:45	486.19
19890324	21:45	187.53	19890328	15:45	481.02
19890324	22:45	162.46	19890328	16:45	455.75
19890324	23:45	94.85	19890328	19:45	470.80
19890325	04:45	91.64	19890328	20:45	507.27
19890325	05:45	198.29	19890328	21:45	562.81
19890325	07:45	212.35	19890328	23:45	529.00
19890325	10:45	190.18	19890329	02:45	518.05
19890325	11:45	117.69	19890329	04:45	481.02
19890325	12:45	94.85	19890329	06:45	470.80
19890325	16:45	91.64	19890329	09:45	507.27
19890325	17:45	96.49	19890329	12:45	481.02
19890325	18:45	201.05	19890329	14:45	450.82
19890325	21:45	209.49	19890329	15:45	426.69
19890325	22:45	203.83	19890329	16:45	381.22
19890325	23:45	144.19	19890329	17:45	355.66
19890326	00:45	104.96	19890329	19:45	319.63
19890326	04:45	101.51	19890329	20:45	300.78
19890326	05:45	203.83	19890329	21:45	359.83
19890326	06:45	230.14	19890329	23:45	394.48
19890326	10:45	233.21	19890330	02:45	385.61
19890326	11:45	212.35	19890330	03:45	359.83
19890326	12:45	148.61	19890330	04:45	323.50
19890326	13:45	127.43	19890330	05:45	286.28
19890326	16:45	123.47	19890330	06:45	258.77
19890326	17:45	125.44	19890330	07:45	252.20
19890326	18:45	227.11	19890330	08:45	308.22
19890326	19:45	255.47	19890330	09:45	359.83
19890326	22:45	275.73	19890330	12:45	398.97
19890326	23:45	272.28	19890330	14:45	376.87
19890327	00:45	227.11	19890330	15:45	351.52
19890327	01:45	187.53	19890330	16:45	311.99
19890327	02:45	169.71	19890330	17:45	289.85
19890327	04:45	157.74	19890330	19:45	265.47
19890327	05:45	227.11	19890330	21:45	248.96
19890327	06:45	282.73	19890330	22:45	293.46
19890327	10:45	311.99	19890330	23:45	368.28
19890327	12:45	289.85	19890331	00:45	408.07
19890327	13:45	262.10	19890331	03:45	412.67
19890327	16:45	233.21	19890331	05:45	376.87
19890327	18:45	252.20	19890331	06:45	347.41
19890327	19:45	331.34	19890331	07:45	319.63

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890331	09:45	304.48	19890403	08:45	390.03
19890331	10:45	364.04	19890403	10:45	351.52
19890331	11:45	408.07	19890403	12:45	339.31
19890331	14:45	426.69	19890403	13:45	412.67
19890331	16:45	385.61	19890403	16:45	441.05
19890331	17:45	359.83	19890403	20:45	408.07
19890331	18:45	335.31	19890403	22:45	376.87
19890331	20:45	300.78	19890404	00:45	364.04
19890331	22:45	279.22	19890404	01:45	398.97
19890331	23:45	300.78	19890404	02:45	445.92
19890401	00:45	385.61	19890404	05:45	460.73
19890401	03:45	417.31	19890404	10:45	426.69
19890401	05:45	394.48	19890404	13:45	421.98
19890401	06:45	372.56	19890404	14:45	465.75
19890401	07:45	347.41	19890404	16:45	486.19
19890401	08:45	315.79	19890404	21:45	441.05
19890401	09:45	286.28	19890405	00:45	426.69
19890401	10:45	268.86	19890405	01:45	441.05
19890401	11:45	308.22	19890405	02:45	491.41
19890401	12:45	368.28	19890405	05:45	523.50
19890401	15:45	408.07	19890405	06:45	475.89
19890401	16:45	390.03	19890405	07:45	436.23
19890401	18:45	351.52	19890405	13:45	431.44
19890401	19:45	319.63	19890405	14:45	460.73
19890401	20:45	293.46	19890405	16:45	496.65
19890401	21:45	268.86	19890406	01:45	465.75
19890401	22:45	252.20	19890406	02:45	491.41
19890401	23:45	236.30	19890406	03:45	529.00
19890402	00:45	286.28	19890406	04:45	580.27
19890402	01:45	351.52	19890406	05:45	654.02
19890402	04:45	385.61	19890406	06:45	592.13
19890402	07:45	359.83	19890406	07:45	518.05
19890402	08:45	335.31	19890406	09:45	475.89
19890402	09:45	289.85	19890406	14:45	523.50
19890402	10:45	265.47	19890406	16:45	557.07
19890402	11:45	252.20	19890406	18:45	592.13
19890402	12:45	311.99	19890406	22:45	557.07
19890402	13:45	368.28	19890407	03:45	610.24
19890402	15:45	403.50	19890407	04:45	628.74
19890402	16:45	385.61	19890407	05:45	720.36
19890402	19:45	359.83	19890407	06:45	776.78
19890402	20:45	335.31	19890407	07:45	720.36
19890402	21:45	311.99	19890407	08:45	660.45
19890402	23:45	279.22	19890407	09:45	616.36
19890403	00:45	286.28	19890407	13:45	647.63
19890403	01:45	372.56	19890407	16:45	673.44
19890403	02:45	412.67	19890407	20:45	699.98
19890403	05:45	421.98	19890408	00:45	734.19

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890408	03:45	776.78	19890511	21:00	150.86
19890408	05:45	836.27	19890512	03:00	139.86
19890408	07:45	906.99	19890512	08:00	146.39
19890408	08:45	859.40	19890512	12:00	144.19
19890408	15:45	798.73	19890512	16:00	146.39
19890408	16:45	776.78	19890512	24:00	148.61
19890408	23:45	836.27	19890513	06:00	146.39
19890409	02:45	906.99	19890513	07:00	160.09
19890409	05:45	964.86	19890513	08:00	212.35
19890409	08:45	999.08	19890513	10:00	201.05
19890409	10:45	990.45	19890513	11:00	182.31
19890410	12:00		19890513	12:00	150.86
19890411	12:00		19890513	13:00	187.53
19890412	12:00		19890513	14:00	162.46
19890413	12:00		19890513	15:00	157.74
19890414	12:00		19890513	16:00	275.73
19890415	12:00		19890513	17:00	245.75
19890416	12:00		19890513	18:00	167.27
19890407	12:00		19890513	19:00	218.17
19890418	12:00		19890513	20:00	162.46
19890419	12:00		19890513	21:00	187.53
19890420	12:00		19890513	22:00	172.18
19890421	12:00		19890513	23:00	248.96
19890422	12:00		19890514	01:00	236.30
19890423	12:00		19890514	02:00	239.42
19890424	12:00		19890514	03:00	184.91
19890425	12:00		19890514	06:00	162.46
19890426	12:00		19890514	10:00	162.46
19890427	12:00		19890514	11:00	192.86
19890428	12:00		19890514	12:00	167.27
19890429	12:00		19890514	16:00	174.68
19890430	12:00		19890514	19:00	177.19
19890501	12:00		19890514	20:00	252.20
19890502	12:00		19890514	21:00	187.53
19890503	12:00		19890514	24:00	179.74
19890504	12:00		19890515	02:00	187.53
19890505	12:00		19890515	03:00	174.68
19890506	12:00		19890515	04:00	272.28
19890507	12:00		19890515	05:00	179.74
19890508	12:00		19890515	09:00	184.91
19890509	12:00		19890515	11:00	206.65
19890510	12:00	162.46	19890515	12:00	169.71
19890510	20:00	167.27	19890515	17:00	169.71
19890511	02:00	150.86	19890515	19:00	182.31
19890511	04:00	169.71	19890515	23:00	167.27
19890511	08:00	164.85	19890515	24:00	187.53
19890511	12:00	150.86	19890516	01:00	364.04
19890511	15:00	169.71	19890516	02:00	262.10

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890516	03:00	167.27	19890519	12:00	160.09
19890516	05:00	172.18	19890519	13:00	242.57
19890516	06:00	272.28	19890519	14:00	153.13
19890516	07:00	167.27	19890519	19:00	157.74
19890516	08:00	172.18	19890519	24:00	148.61
19890516	09:00	255.47	19890520	01:00	155.42
19890516	10:00	164.85	19890520	02:00	221.12
19890516	11:00	177.19	19890520	04:00	198.29
19890516	12:00	195.56	19890520	05:00	153.13
19890516	13:00	212.35	19890520	06:00	150.86
19890516	14:00	169.71	19890520	07:00	182.31
19890516	23:00	169.71	19890520	08:00	150.86
19890516	24:00	160.09	19890520	09:00	245.75
19890517	01:00	224.10	19890520	10:00	169.71
19890517	02:00	164.85	19890520	12:00	148.61
19890517	03:00	258.77	19890520	18:00	155.42
19890517	04:00	169.71	19890520	21:00	142.01
19890517	05:00	169.71	19890520	22:00	150.86
19890517	06:00	258.77	19890520	23:00	212.35
19890517	07:00	212.35	19890520	24:00	206.65
19890517	09:00	190.18	19890521	01:00	304.48
19890517	10:00	164.85	19890521	02:00	148.61
19890517	11:00	190.18	19890521	03:00	150.86
19890517	12:00	162.46	19890521	04:00	174.68
19890517	16:00	155.42	19890521	06:00	153.13
19890517	17:00	187.53	19890521	07:00	174.68
19890517	19:00	167.27	19890521	09:00	153.13
19890517	21:00	160.09	19890521	10:00	201.05
19890517	22:00	227.11	19890521	11:00	224.10
19890517	23:00	162.46	19890521	12:00	187.53
19890518	01:00	179.74	19890521	13:00	169.71
19890518	02:00	351.52	19890521	14:00	355.66
19890518	03:00	172.18	19890521	15:00	381.22
19890518	07:00	177.19	19890521	16:00	160.09
19890518	09:00	162.46	19890521	17:00	218.17
19890518	11:00	157.74	19890521	18:00	164.85
19890518	12:00	169.71	19890521	19:00	248.96
19890518	13:00	167.27	19890521	20:00	221.12
19890518	14:00	239.42	19890521	21:00	195.56
19890518	15:00	179.74	19890521	23:00	177.19
19890518	17:00	160.09	19890521	24:00	203.83
19890518	24:00	160.09	19890522	01:00	233.21
19890519	01:00	192.86	19890522	02:00	195.56
19890519	02:00	160.09	19890522	03:00	212.35
19890519	03:00	160.09	19890522	04:00	179.74
19890519	04:00	192.86	19890522	05:00	248.96
19890519	05:00	172.18	19890522	06:00	311.99
19890519	07:00	153.13	19890522	07:00	174.68



Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890522	08:00	198.29	19890525	23:00	162.46
19890522	09:00	218.17	19890525	24:00	179.74
19890522	10:00	179.74	19890526	01:00	275.73
19890522	12:00	172.18	19890526	02:00	265.47
19890522	13:00	245.75	19890526	03:00	224.10
19890522	14:00	184.91	19890526	04:00	275.73
19890522	20:00	184.91	19890526	05:00	308.22
19890522	23:00	174.68	19890526	06:00	245.75
19890522	24:00	212.35	19890526	07:00	239.42
19890523	01:00	169.71	19890526	08:00	169.71
19890523	03:00	172.18	19890526	11:00	167.27
19890523	07:00	187.53	19890526	12:00	209.49
19890523	11:00	169.71	19890526	13:00	167.27
19890523	12:00	169.71	19890526	20:00	167.27
19890523	17:00	179.74	19890526	21:00	236.30
19890523	19:00	184.91	19890526	22:00	215.25
19890523	20:00	297.10	19890526	23:00	172.18
19890523	21:00	174.68	19890527	02:00	153.13
19890523	22:00	190.18	19890527	03:00	155.42
19890523	23:00	248.96	19890527	04:00	248.96
19890523	24:00	184.91	19890527	05:00	162.46
19890524	01:00	381.22	19890527	10:00	155.42
19890524	02:00	177.19	19890527	11:00	182.31
19890524	03:00	311.99	19890527	12:00	201.05
19890524	04:00	182.31	19890527	13:00	167.27
19890524	05:00	268.86	19890527	14:00	160.09
19890524	06:00	297.10	19890527	15:00	230.14
19890524	07:00	198.29	19890527	16:00	160.09
19890524	08:00	262.10	19890527	18:00	167.27
19890524	09:00	177.19	19890527	19:00	252.20
19890524	11:00	174.68	19890527	20:00	157.74
19890524	12:00	286.28	19890527	22:00	162.46
19890524	13:00	182.31	19890528	03:00	160.09
19890524	19:00	190.18	19890528	04:00	227.11
19890524	23:00	179.74	19890528	05:00	167.27
19890524	24:00	300.78	19890528	06:00	230.14
19890525	01:00	190.18	19890528	07:00	177.19
19890525	04:00	179.74	19890528	08:00	289.85
19890525	05:00	327.40	19890528	09:00	160.09
19890525	06:00	195.56	19890528	12:00	169.71
19890525	07:00	289.85	19890528	17:00	164.85
19890525	08:00	315.79	19890528	21:00	174.68
19890525	09:00	187.53	19890528	22:00	201.05
19890525	11:00	179.74	19890528	23:00	275.73
19890525	12:00	203.83	19890528	24:00	155.42
19890525	14:00	179.74	19890529	01:00	258.77
19890525	20:00	174.68	19890529	02:00	172.18
19890525	22:00	198.29	19890529	03:00	174.68

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890529	04:00	282.73	19890601	11:00	230.14
19890529	05:00	212.35	19890601	12:00	177.19
19890529	06:00	177.19	19890601	13:00	279.22
19890529	07:00	239.42	19890601	14:00	172.18
19890529	08:00	157.74	19890601	21:00	169.71
19890529	09:00	169.71	19890601	22:00	209.49
19890529	10:00	187.53	19890601	23:00	311.99
19890529	11:00	164.85	19890601	24:00	177.19
19890529	12:00	162.46	19890602	02:00	174.68
19890529	23:00	162.46	19890602	03:00	319.63
19890529	24:00	215.25	19890602	04:00	164.85
19890530	01:00	335.31	19890602	05:00	304.48
19890530	02:00	268.86	19890602	06:00	164.85
19890530	03:00	182.31	19890602	07:00	172.18
19890530	04:00	167.27	19890602	08:00	255.47
19890530	05:00	209.49	19890602	09:00	242.57
19890530	06:00	174.68	19890602	10:00	157.74
19890530	07:00	179.74	19890602	12:00	157.74
19890530	08:00	209.49	19890602	13:00	315.79
19890530	09:00	169.71	19890602	14:00	192.86
19890530	10:00	177.19	19890602	15:00	245.75
19890530	11:00	275.73	19890602	16:00	172.18
19890530	12:00	187.53	19890602	17:00	258.77
19890530	15:00	177.19	19890602	18:00	230.14
19890530	19:00	190.18	19890602	19:00	155.42
19890530	21:00	174.68	19890602	20:00	160.09
19890531	01:00	195.56	19890602	21:00	279.22
19890531	02:00	209.49	19890602	22:00	203.83
19890531	03:00	230.14	19890602	23:00	160.09
19890531	04:00	308.22	19890602	24:00	339.31
19890531	05:00	319.63	19890603	01:00	155.42
19890531	06:00	195.56	19890603	04:00	172.18
19890531	10:00	206.65	19890603	05:00	198.29
19890531	12:00	182.31	19890603	06:00	177.19
19890531	15:00	172.18	19890603	08:00	182.31
19890531	17:00	187.53	19890603	09:00	242.57
19890531	20:00	174.68	19890603	10:00	153.13
19890531	21:00	184.91	19890603	12:00	146.39
19890531	22:00	252.20	19890603	17:00	142.01
19890531	23:00	192.86	19890603	19:00	153.13
19890531	24:00	224.10	19890603	23:00	144.19
19890601	01:00	182.31	19890604	01:00	157.74
19890601	02:00	218.17	19890604	02:00	148.61
19890601	03:00	327.40	19890604	03:00	319.63
19890601	04:00	167.27	19890604	04:00	146.39
19890601	08:00	179.74	19890604	07:00	139.86
19890601	09:00	203.83	19890604	08:00	319.63
19890601	10:00	179.74	19890604	09:00	146.39

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890604	12:00	150.86	19890607	12:00	169.71
19890604	16:00	139.86	19890607	13:00	129.45
19890604	17:00	174.68	19890607	16:00	135.63
19890604	18:00	153.13	19890607	20:00	131.48
19890604	22:00	144.19	19890607	24:00	121.52
19890604	23:00	157.74	19890608	01:00	146.39
19890605	01:00	139.86	19890608	02:00	115.81
19890605	02:00	135.63	19890608	03:00	123.47
19890605	03:00	209.49	19890608	04:00	162.46
19890605	06:00	187.53	19890608	05:00	157.74
19890605	07:00	135.63	19890608	06:00	125.44
19890605	08:00	212.35	19890608	08:00	133.54
19890605	09:00	131.48	19890608	09:00	146.39
19890605	10:00	184.91	19890608	10:00	125.44
19890605	11:00	146.39	19890608	12:00	119.59
19890605	12:00	144.19	19890608	13:00	157.74
19890605	14:00	133.54	19890608	14:00	169.71
19890605	15:00	164.85	19890608	15:00	125.44
19890605	16:00	144.19	19890608	18:00	113.95
19890605	21:00	135.63	19890608	21:00	129.45
19890605	22:00	144.19	19890608	22:00	148.61
19890605	23:00	198.29	19890608	23:00	123.47
19890605	24:00	127.43	19890609	02:00	113.95
19890606	01:00	221.12	19890609	03:00	123.47
19890606	02:00	142.01	19890609	08:00	129.45
19890606	03:00	125.44	19890609	09:00	172.18
19890606	04:00	174.68	19890609	10:00	192.86
19890606	05:00	327.40	19890609	11:00	113.95
19890606	06:00	135.63	19890609	12:00	119.59
19890606	09:00	137.73	19890609	16:00	110.29
19890606	10:00	198.29	19890609	17:00	133.54
19890606	11:00	268.86	19890609	19:00	133.54
19890606	12:00	248.96	19890609	20:00	110.29
19890606	13:00	182.31	19890609	22:00	123.47
19890606	14:00	129.45	19890609	23:00	112.11
19890606	16:00	131.48	19890609	24:00	148.61
19890606	19:00	148.61	19890610	01:00	110.29
19890606	21:00	131.48	19890610	07:00	110.29
19890606	24:00	131.48	19890610	08:00	137.73
19890607	01:00	123.47	19890610	09:00	108.49
19890607	02:00	162.46	19890610	11:00	112.11
19890607	03:00	121.52	19890610	12:00	209.49
19890607	05:00	125.44	19890610	13:00	103.22
19890607	06:00	258.77	19890610	18:00	112.11
19890607	07:00	139.86	19890610	23:00	112.11
19890607	09:00	157.74	19890610	24:00	103.22
19890607	10:00	129.45	19890611	01:00	133.54
19890607	11:00	137.73	19890611	02:00	101.51

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890611	06:00	104.96	19890614	24:00	94.85
19890611	11:00	112.11	19890615	01:00	182.31
19890611	12:00	177.19	19890615	02:00	93.24
19890611	13:00	101.51	19890615	03:00	98.14
19890611	15:00	110.29	19890615	04:00	127.43
19890611	17:00	110.29	19890615	05:00	93.24
19890611	19:00	110.29	19890615	08:00	98.14
19890611	21:00	99.81	19890615	09:00	153.13
19890611	23:00	104.96	19890615	10:00	103.22
19890611	24:00	99.81	19890615	12:00	98.14
19890612	01:00	155.42	19890615	20:00	99.81
19890612	02:00	104.96	19890616	01:00	90.07
19890612	03:00	252.20	19890616	02:00	127.43
19890612	04:00	174.68	19890616	03:00	121.52
19890612	05:00	112.11	19890616	05:00	113.95
19890612	06:00	187.53	19890616	07:00	104.96
19890612	07:00	131.48	19890616	08:00	110.29
19890612	08:00	133.54	19890616	09:00	123.47
19890612	09:00	169.71	19890616	10:00	179.74
19890612	10:00	99.81	19890616	11:00	96.49
19890612	12:00	99.81	19890616	12:00	94.85
19890612	15:00	96.49	19890616	21:00	96.49
19890612	16:00	113.95	19890617	01:00	94.85
19890612	18:00	98.14	19890617	02:00	162.46
19890612	23:00	101.51	19890617	03:00	83.96
19890612	24:00	174.68	19890617	04:00	242.57
19890613	01:00	96.49	19890617	05:00	86.97
19890613	03:00	99.81	19890617	07:00	99.81
19890613	04:00	117.69	19890617	08:00	117.69
19890613	05:00	103.22	19890617	09:00	88.51
19890613	06:00	157.74	19890617	10:00	127.43
19890613	07:00	195.56	19890617	11:00	113.95
19890613	08:00	106.71	19890617	12:00	94.85
19890613	09:00	139.86	19890617	15:00	86.97
19890613	10:00	157.74	19890617	19:00	90.07
19890613	11:00	103.22	19890617	23:00	81.02
19890613	12:00	94.85	19890617	24:00	98.14
19890613	13:00	96.49	19890618	01:00	81.02
19890613	14:00	123.47	19890618	03:00	82.48
19890613	15:00	103.22	19890618	04:00	148.61
19890613	22:00	91.64	19890618	05:00	82.48
19890614	03:00	103.22	19890618	09:00	85.46
19890614	04:00	177.19	19890618	12:00	85.46
19890614	05:00	101.51	19890618	13:00	112.11
19890614	11:00	98.14	19890618	14:00	88.51
19890614	12:00	131.48	19890618	17:00	81.02
19890614	13:00	101.51	19890618	23:00	75.36
19890614	21:00	98.14	19890619	01:00	88.51

Lower Swanson River

Date	Time	Discharge	Date	Time	Discharge
19890619	02:00	72.63			
19890619	05:00	78.15			
19890619	06:00	146.39			
19890619	07:00	79.57			
19890619	09:00	81.02			
19890619	10:00	133.54			
19890619	11:00	79.57			
19890619	12:00	81.02			
19890619	19:00	82.48			
19890619	24:00	73.99			
19890620	03:00	69.98			
19890620	06:00	76.74			
19890620	10:00	78.15			
19890620	12:00	79.57			
19890620	20:00	72.63			
19890620	22:00	72.63			
19890620	23:00	83.96			
19890621	02:00	72.63			
19890621	09:00	73.99			
19890621	11:00	81.02			
19890621	12:00	96.49			
19890621	13:00	73.99			
19890621	22:00	68.68			
19890622	01:00	75.36			
19890622	06:00	71.30			
19890622	09:00	71.30			
19890622	12:00	73.99			
19890622	17:00	67.40			

APPENDIX D

Listing of all Moose River Discharge Data

Moose River

Date	Time	Discharge	Date	Time	Discharge
19860806	12:00	109.92	19860823	23:41	120.65
19860807	12:00	108.21	19860824	03:30	124.41
19860808	06:53	111.65	19860824	06:53	128.25
19860808	12:00	111.65	19860824	08:36	134.21
19860808	20:00	115.18	19860824	12:00	136.24
19860809	12:00	116.98	19860824	15:36	140.38
19860810	11:06	120.65	19860824	18:41	144.62
19860810	12:00	120.65	19860824	23:11	148.96
19860810	14:41	124.41	19860825	05:48	153.40
19860810	20:30	128.25	19860825	12:00	155.66
19860811	00:41	132.20	19860825	18:41	160.26
19860811	07:11	138.30	19860826	03:18	164.97
19860811	12:00	138.30	19860826	06:48	172.25
19860812	02:23	142.49	19860826	08:30	177.23
19860812	06:53	146.77	19860826	09:18	184.93
19860812	09:48	151.17	19860826	10:11	192.90
19860812	12:00	151.17	19860826	12:00	198.36
19860812	23:30	155.66	19860826	12:36	203.94
19860813	04:18	160.26	19860826	13:23	212.55
19860813	07:48	164.97	19860826	14:53	218.44
19860813	09:53	160.26	19860826	19:48	224.47
19860813	12:00	157.95	19860826	20:53	230.63
19860813	14:30	162.61	19860826	22:23	224.47
19860813	20:53	157.95	19860827	09:06	218.44
19860814	12:00	153.40	19860827	09:30	206.78
19860815	09:06	148.96	19860827	12:00	203.94
19860815	12:00	148.96	19860827	14:36	198.36
19860815	18:48	151.17	19860827	22:06	192.90
19860816	12:00	153.40	19860828	10:06	187.56
19860816	20:48	148.96	19860828	12:00	184.93
19860817	10:18	144.62	19860829	10:06	190.21
19860817	12:00	140.38	19860829	12:00	190.21
19860817	14:53	144.62	19860829	14:11	184.93
19860817	15:06	146.77	19860829	14:48	179.77
19860817	16:18	142.49	19860829	17:48	174.73
19860818	01:23	138.30	19860830	00:18	169.79
19860818	08:41	134.21	19860830	12:00	172.25
19860818	12:00	132.20	19860831	09:53	177.23
19860819	12:00	132.20	19860831	12:00	179.77
19860820	12:00	130.22	19860831	13:06	174.73
19860821	01:53	126.32	19860901	06:18	179.77
19860821	12:00	122.52	19860901	07:48	184.93
19860821	14:30	128.25	19860901	11:11	190.21
19860821	21:00	124.41	19860901	11:41	184.93
19860822	12:00	120.65	19860901	12:00	179.77
19860823	02:00	116.98	19860902	06:48	184.93
19860823	12:00	113.41	19860902	12:00	179.77
19860823	15:53	116.98	19860902	21:11	174.73

Moose River

Date	Time	Discharge	Date	Time	Discharge
19860902	23:11	179.77	19860914	12:00	151.17
19860903	01:06	174.73	19860915	10:18	146.77
19860903	07:36	179.77	19860915	12:00	144.62
19860903	11:06	184.93	19860916	09:48	148.96
19860903	12:00	187.56	19860916	12:00	151.17
19860903	18:18	182.34	19860916	16:23	155.66
19860904	12:00	179.77	19860916	18:18	160.26
19860905	06:36	174.73	19860916	22:30	164.97
19860905	12:00	172.25	19860917	00:41	169.79
19860905	20:36	167.37	19860917	03:30	174.73
19860905	20:48	160.26	19860917	06:18	179.77
19860906	12:00	157.95	19860917	08:23	187.56
19860906	17:48	153.40	19860917	12:00	184.93
19860907	12:00	148.96	19860917	16:36	190.21
19860907	20:11	153.40	19860917	19:36	195.61
19860907	21:48	160.26	19860918	01:00	201.13
19860908	02:00	164.97	19860918	02:48	209.64
19860908	04:30	169.79	19860918	06:11	215.48
19860908	07:23	174.73	19860918	07:41	209.64
19860908	11:11	179.77	19860918	08:06	201.13
19860908	12:00	182.34	19860918	12:00	203.94
19860908	15:48	187.56	19860918	20:41	209.64
19860908	19:53	192.90	19860918	21:18	203.94
19860909	03:48	198.36	19860919	07:23	209.64
19860909	05:30	203.94	19860919	08:36	203.94
19860909	07:11	212.55	19860919	12:00	201.13
19860909	08:53	206.78	19860919	15:00	206.78
19860909	09:36	201.13	19860920	02:06	212.55
19860909	12:00	203.94	19860920	04:18	218.44
19860910	06:18	209.64	19860920	05:18	227.53
19860910	08:23	215.48	19860920	07:11	233.76
19860910	08:41	212.55	19860920	08:36	243.36
19860910	08:53	203.94	19860920	09:36	236.93
19860910	12:00	203.94	19860920	12:00	240.12
19860910	21:00	198.36	19860920	13:11	246.62
19860911	00:41	203.94	19860920	14:23	253.26
19860911	08:48	209.64	19860920	21:48	260.04
19860911	09:18	203.94	19860921	00:48	266.97
19860911	10:18	198.36	19860921	02:36	274.04
19860911	12:00	195.61	19860921	03:41	277.63
19860911	20:11	192.90	19860921	04:41	288.64
19860911	20:23	184.93	19860921	05:41	292.38
19860912	05:18	179.77	19860921	06:06	299.98
19860912	12:00	174.73	19860921	07:00	307.74
19860913	02:06	169.79	19860921	07:41	307.74
19860913	11:48	164.97	19860921	08:00	281.26
19860913	12:00	160.26	19860921	11:30	288.64
19860914	04:18	155.66	19860921	12:00	288.64



Moose River

Date	Time	Discharge	Date	Time	Discharge
19860921	13:41	281.26	19860924	08:53	331.99
19860921	16:11	288.64	19860924	09:18	319.68
19860921	23:41	296.16	19860924	12:00	323.74
19860922	00:30	288.64	19860924	14:11	319.68
19860922	06:06	296.16	19860924	16:06	323.74
19860922	07:23	303.84	19860924	16:23	340.40
19860922	08:06	296.16	19860924	19:00	331.99
19860922	08:18	284.93	19860924	22:06	340.40
19860922	12:00	284.93	19860925	01:23	331.99
19860922	14:00	292.38	19860925	06:53	340.40
19860922	15:00	296.16	19860925	07:36	336.18
19860922	15:53	307.74	19860925	08:00	323.74
19860922	17:18	315.66	19860925	12:00	331.99
19860922	18:18	319.68	19860925	13:41	323.74
19860922	18:30	331.99	19860925	16:41	327.85
19860922	19:41	323.74	19860925	19:48	319.68
19860922	20:00	307.74	19860925	19:53	315.66
19860923	01:11	315.66	19860925	20:00	327.85
19860923	02:23	327.85	19860925	20:41	311.68
19860923	03:41	319.68	19860926	08:11	303.84
19860923	04:06	307.74	19860926	10:30	296.16
19860923	06:06	315.66	19860926	12:00	292.38
19860923	06:53	319.68	19860926	16:06	288.64
19860923	07:53	331.99	19860927	04:00	296.16
19860923	08:36	340.40	19860927	07:30	303.84
19860923	09:00	344.67	19860927	11:11	311.68
19860923	09:06	353.34	19860927	12:00	311.68
19860923	09:18	336.18	19860927	12:30	307.74
19860923	09:41	315.66	19860927	12:53	281.26
19860923	12:00	323.74	19860927	16:53	274.04
19860923	12:53	327.85	19860928	08:41	281.26
19860923	13:30	323.74	19860928	12:00	281.26
19860923	14:00	315.66	19860928	14:00	274.04
19860923	16:23	323.74	19860928	17:36	266.97
19860923	19:23	315.66	19860929	12:00	270.49
19860923	21:30	323.74	19860929	16:41	263.49
19860923	22:30	331.99	19860929	19:48	256.64
19860923	23:11	340.40	19860930	08:06	263.49
19860924	00:11	348.99	19860930	12:00	266.97
19860924	01:06	362.18	19860930	15:48	260.04
19860924	01:36	353.34	19861001	08:23	266.97
19860924	02:00	336.18	19861001	12:00	270.49
19860924	02:18	323.74	19861001	13:00	263.49
19860924	05:41	331.99	19861002	03:41	270.49
19860924	06:41	340.40	19861002	09:53	263.49
19860924	07:41	353.34	19861002	12:00	266.97
19860924	08:30	357.74	19861003	02:41	274.04
19860924	08:36	340.40	19861003	08:53	284.93

Moose River

Date	Time	Discharge	Date	Time	Discharge
19861003	09:18	281.26	19861007	01:36	292.38
19861003	10:00	281.26	19861007	01:41	270.49
19861003	10:06	270.49	19861007	01:48	292.38
19861003	10:11	284.93	19861007	05:11	284.93
19861003	12:00	288.64	19861007	05:18	277.63
19861003	14:36	296.16	19861007	05:30	288.64
19861003	17:23	303.84	19861007	08:23	284.93
19861003	22:53	311.68	19861007	09:18	284.93
19861004	11:06	319.68	19861007	12:00	284.93
19861004	12:00	315.66	19861008	12:00	288.64
19861004	13:00	323.74	19861008	12:41	281.26
19861004	16:23	331.99	19861008	12:48	292.38
19861004	16:30	315.66	19861008	18:23	288.64
19861004	16:36	336.18	19861008	21:06	284.93
19861004	16:41	336.18	19861008	22:11	288.64
19861004	16:48	311.68	19861009	00:41	284.93
19861004	17:00	327.85	19861009	10:53	281.26
19861004	17:48	319.68	19861009	12:00	281.26
19861004	17:53	311.68	19861009	17:48	274.04
19861004	18:06	323.74	19861009	19:23	281.26
19861004	23:41	331.99	19861009	19:41	263.49
19861004	23:48	319.68	19861010	00:11	270.49
19861004	23:53	331.99	19861010	00:48	274.04
19861005	02:41	331.99	19861010	01:23	284.93
19861005	02:48	311.68	19861010	02:41	292.38
19861005	03:00	331.99	19861010	03:36	299.98
19861005	11:36	331.99	19861010	04:41	299.98
19861005	11:41	319.68	19861010	04:53	315.66
19861005	11:48	336.18	19861010	05:53	315.66
19861005	12:00	331.99	19861010	06:06	327.85
19861005	12:18	331.99	19861010	06:18	319.68
19861005	12:23	315.66	19861010	06:30	331.99
19861005	12:30	331.99	19861010	06:48	323.74
19861005	15:00	331.99	19861010	06:53	340.40
19861005	15:06	319.68	19861010	07:30	331.99
19861005	15:11	331.99	19861010	07:41	344.67
19861005	16:23	336.18	19861010	09:06	353.34
19861005	16:30	319.68	19861010	09:41	348.99
19861005	16:36	336.18	19861010	09:48	340.40
19861005	17:18	327.85	19861010	10:00	362.18
19861005	19:36	323.74	19861010	10:11	362.18
19861005	23:36	327.85	19861010	10:18	348.99
19861006	01:53	319.68	19861010	10:30	362.18
19861006	05:06	315.66	19861010	11:41	357.74
19861006	08:00	311.68	19861010	11:53	371.20
19861006	12:00	303.84	19861010	12:00	371.20
19861006	18:06	299.98	19861010	14:23	380.40
19861006	22:53	296.16	19861010	15:00	385.06

Moose River

Date	Time	Discharge	Date	Time	Discharge
19861010	15:06	362.18	19861011	15:41	654.66
19861010	15:18	380.40	19861011	16:53	669.11
19861010	15:48	375.78	19861011	17:53	691.26
19861010	15:53	362.18	19861011	18:30	691.26
19861010	16:06	380.40	19861011	18:36	714.00
19861010	16:18	385.06	19861011	20:11	729.49
19861010	16:23	371.20	19861011	21:41	753.22
19861010	16:36	385.06	19861011	22:41	745.24
19861010	17:11	375.78	19861011	22:48	769.38
19861010	17:18	389.78	19861012	01:00	777.57
19861010	19:18	399.34	19861012	04:41	802.54
19861010	20:18	389.78	19861012	07:30	794.14
19861010	20:23	414.03	19861012	07:41	819.54
19861010	20:36	404.19	19861012	08:11	811.00
19861010	21:23	414.03	19861012	11:18	794.14
19861010	21:30	424.06	19861012	11:30	819.54
19861010	21:36	404.19	19861012	12:00	819.54
19861010	21:53	414.03	19861012	12:30	819.54
19861010	22:30	424.06	19861012	12:36	794.14
19861010	22:36	434.28	19861012	12:41	828.14
19861010	23:23	424.06	19861012	14:30	819.54
19861010	23:53	414.03	19861012	14:36	785.82
19861010	24:00	439.47	19861012	14:41	836.82
19861011	00:23	414.03	19861012	18:00	845.57
19861011	00:36	429.15	19861012	18:06	819.54
19861011	00:53	444.70	19861012	18:18	845.57
19861011	01:00	439.47	19861012	19:18	836.82
19861011	01:06	455.32	19861012	19:23	863.29
19861011	01:23	460.71	19861012	19:30	828.14
19861011	01:30	439.47	19861012	19:53	836.82
19861011	01:41	449.99	19861012	20:18	863.29
19861011	01:53	466.15	19861012	20:30	811.00
19861011	02:30	460.71	19861012	20:36	854.40
19861011	02:36	482.76	19861012	20:48	828.14
19861011	02:53	444.70	19861012	21:00	854.40
19861011	03:06	482.76	19861012	21:41	836.82
19861011	03:36	494.10	19861012	21:53	828.14
19861011	05:36	505.65	19861012	22:00	863.29
19861011	06:53	517.41	19861012	22:30	854.40
19861011	08:30	535.47	19861012	22:41	802.54
19861011	09:36	541.60	19861012	22:48	863.29
19861011	09:53	560.32	19861012	23:00	854.40
19861011	11:00	560.32	19861012	23:06	828.14
19861011	11:11	579.56	19861012	23:11	863.29
19861011	12:00	586.09	19861012	23:23	854.40
19861011	12:48	599.32	19861012	23:36	828.14
19861011	13:11	619.61	19861012	23:41	863.29
19861011	14:53	633.45	19861012	23:53	854.40

Moose River

Date	Time	Discharge	Date	Time	Discharge
19861012	24:00	828.14	19861014	20:00	845.57
19861013	00:11	872.27	19861014	20:06	794.14
19861013	00:41	863.29	19861014	20:11	854.40
19861013	00:48	828.14	19861014	20:36	845.57
19861013	01:00	863.29	19861014	21:41	828.14
19861013	01:36	872.27	19861014	21:53	854.40
19861013	01:41	828.14	19861014	23:30	836.82
19861013	01:53	872.27	19861015	02:36	828.14
19861013	02:06	845.57	19861015	02:41	811.00
19861013	02:11	872.27	19861015	02:53	845.57
19861013	03:11	863.29	19861015	03:00	802.54
19861013	03:18	836.82	19861015	03:11	836.82
19861013	03:23	872.27	19861015	04:06	828.14
19861013	03:41	854.40	19861015	05:41	819.54
19861013	03:48	881.31	19861015	05:48	777.57
19861013	04:06	863.29	19861015	05:53	819.54
19861013	06:36	881.31	19861015	06:30	802.54
19861013	09:23	881.31	19861015	08:00	794.14
19861013	09:30	854.40	19861015	08:11	819.54
19861013	09:41	881.31	19861015	08:53	802.54
19861013	12:00	899.63	19861015	09:48	785.82
19861013	16:53	881.31	19861015	09:53	777.57
19861013	17:00	863.29	19861015	10:06	802.54
19861013	17:06	899.63	19861015	10:53	794.14
19861013	17:11	854.40	19861015	12:00	794.14
19861013	17:18	890.43	19861015	13:36	777.57
19861013	17:36	872.27	19861015	17:41	761.27
19861013	17:41	899.63	19861015	20:23	753.22
19861013	17:53	854.40	19861015	21:41	753.22
19861013	18:06	863.29	19861015	22:48	745.24
19861013	18:18	890.43	19861015	22:53	721.71
19861013	22:48	899.63	19861015	23:00	745.24
19861013	22:53	872.27	19861016	01:41	729.49
19861013	23:06	908.90	19861016	01:48	714.00
19861014	00:41	899.63	19861016	01:53	753.22
19861014	05:48	881.31	19861016	02:06	721.71
19861014	06:36	872.27	19861016	02:23	714.00
19861014	06:41	845.57	19861016	02:30	745.24
19861014	06:48	872.27	19861016	02:36	706.36
19861014	11:11	854.40	19861016	02:48	737.33
19861014	11:18	881.31	19861016	04:36	737.33
19861014	11:53	863.29	19861016	05:00	729.49
19861014	12:00	836.82	19861016	06:41	721.71
19861014	12:11	863.29	19861016	08:41	706.36
19861014	16:48	863.29	19861016	09:41	714.00
19861014	16:53	836.82	19861016	10:41	714.00
19861014	17:00	863.29	19861016	11:53	706.36
19861014	19:06	845.57	19861016	12:00	691.26

Moose River

Date	Time	Discharge	Date	Time	Discharge
19861016	12:30	698.78	19861017	08:41	599.32
19861016	12:36	676.43	19861017	08:48	586.09
19861016	12:41	698.78	19861017	09:00	606.02
19861016	13:00	669.11	19861017	09:41	599.32
19861016	13:18	698.78	19861017	11:18	586.09
19861016	13:30	698.78	19861017	11:41	592.67
19861016	13:36	654.66	19861017	11:53	573.09
19861016	13:48	691.26	19861017	12:00	573.09
19861016	13:53	661.85	19861017	12:36	592.67
19861016	14:06	683.81	19861017	14:06	579.56
19861016	14:11	683.81	19861017	14:53	573.09
19861016	14:18	654.66	19861017	15:48	579.56
19861016	14:23	691.26	19861017	16:53	566.67
19861016	15:18	683.81	19861017	19:11	560.32
19861016	15:23	661.85	19861017	20:18	541.60
19861016	15:30	691.26	19861017	20:23	560.32
19861016	16:00	691.26	19861017	21:30	554.02
19861016	16:41	676.43	19861017	22:18	554.02
19861016	16:53	647.52	19861017	23:18	541.60
19861016	17:00	676.43	19861018	00:18	535.47
19861016	17:41	669.11	19861018	00:23	523.38
19861016	18:11	640.45	19861018	00:30	541.60
19861016	18:30	647.52	19861018	00:53	541.60
19861016	18:48	654.66	19861018	03:23	529.39
19861016	18:53	619.61	19861018	04:23	517.41
19861016	19:00	654.66	19861018	04:36	499.85
19861016	19:18	647.52	19861018	04:48	523.38
19861016	19:23	633.45	19861018	05:00	505.65
19861016	19:36	661.85	19861018	05:11	523.38
19861016	22:06	654.66	19861018	05:30	523.38
19861016	23:23	640.45	19861018	05:41	505.65
19861016	23:30	626.50	19861018	05:48	523.38
19861016	23:36	654.66	19861018	06:11	523.38
19861017	01:00	633.45	19861018	06:30	494.10
19861017	01:11	612.79	19861018	06:36	517.41
19861017	01:18	640.45	19861018	08:18	511.50
19861017	02:11	626.50	19861018	09:23	499.85
19861017	02:18	619.61	19861018	10:06	499.85
19861017	02:23	640.45	19861018	11:11	488.40
19861017	03:06	633.45	19861018	11:18	505.65
19861017	03:48	626.50	19861018	12:00	488.40
19861017	05:53	612.79	19861018	17:11	477.17
19861017	06:30	606.02	19861018	18:41	466.15
19861017	06:36	586.09	19861018	18:48	482.76
19861017	06:48	612.79	19861018	20:36	471.63
19861017	08:00	606.02	19861018	20:48	455.32
19861017	08:18	586.09	19861018	21:00	471.63
19861017	08:23	612.79	19861018	22:36	466.15

Moose River

Date	Time	Discharge	Date	Time	Discharge
19861018	22:41	455.32	19861026	14:30	184.93
19861018	22:48	471.63	19861026	17:30	162.61
19861019	01:06	466.15	19861026	21:30	151.17
19861019	02:36	455.32	19861027	02:30	157.95
19861019	06:18	444.70	19861027	04:30	162.61
19861019	10:11	434.28	19861027	05:30	184.93
19861019	11:48	429.15	19861027	06:30	212.55
19861019	12:00	429.15	19861027	07:30	236.93
19861019	17:30	424.06	19861027	09:30	230.63
19861019	19:06	419.02	19861027	10:30	209.64
19861019	22:48	409.08	19861027	11:30	190.21
19861020	01:53	404.19	19861027	12:30	174.73
19861020	05:36	399.34	19861027	14:30	155.66
19861020	07:53	389.78	19861027	17:30	148.96
19861020	12:00	385.06	19861027	19:30	169.79
19861020	18:30	375.78	19861028	00:30	192.90
19861021	05:36	366.67	19861028	04:30	201.13
19861021	09:48	357.74	19861028	05:30	182.34
19861021	12:00	353.34	19861028	07:30	162.61
19861021	17:23	344.67	19861028	11:30	160.26
19861021	22:53	336.18	19861028	14:30	146.77
19861022	03:48	331.99	19861028	16:30	132.20
19861022	08:48	323.74	19861028	17:30	151.17
19861022	12:00	319.68	19861028	18:30	172.25
19861022	19:18	311.68	19861028	23:30	195.61
19861023	00:41	303.84	19861029	04:30	195.61
19861023	02:36	299.98	19861029	05:30	182.34
19861023	02:48	288.64	19861029	06:30	142.49
19861023	03:11	299.98	19861029	09:30	124.41
19861023	06:06	292.38	19861029	13:30	126.32
19861023	08:48	284.93	19861029	14:30	142.49
19861023	12:00	281.26	19861029	15:30	142.49
19861023	13:00	281.26	19861029	16:30	164.97
19861023	14:30	277.63	19861029	22:30	187.56
19861024	14:30	263.49	19861030	04:30	198.36
19861025	05:30	236.93	19861030	06:30	177.23
19861025	11:30	212.55	19861030	11:30	182.34
19861025	14:30	227.53	19861030	14:30	206.78
19861025	18:30	230.63	19861030	22:30	221.44
19861025	19:30	212.55	19861031	10:30	249.93
19861025	20:30	190.21	19861031	14:30	263.49
19861025	22:30	167.37	19861031	22:30	296.16
19861026	02:30	148.96	19861101	06:30	307.74
19861026	03:30	160.26	19861101	13:30	336.18
19861026	04:30	187.56	19861101	14:30	327.85
19861026	05:30	221.44	19861102	02:30	327.85
19861026	08:30	224.47	19861102	04:30	340.40
19861026	10:30	201.13	19861102	05:30	307.74

Moose River

Date	Time	Discharge	Date	Time	Discharge
19861102	06:30	253.26	19861117	20:30	111.65
19861102	07:30	187.56	19861118	04:30	126.32
19861102	08:30	148.96	19861118	14:30	128.25
19861102	09:30	132.20	19861118	22:30	132.20
19861102	11:30	118.80	19861119	03:30	151.17
19861102	13:30	104.85	19861119	08:30	169.79
19861102	14:30	101.57	19861119	11:30	187.56
19861102	22:30	92.23	19861119	14:30	212.55
19861103	06:30	99.96	19861119	17:30	236.93
19861103	14:30	98.38	19861119	20:30	260.04
19861104	14:30	98.38	19861119	23:30	288.64
19861105	03:30	101.57	19861120	03:30	319.68
19861105	09:30	109.92	19861120	12:30	357.74
19861105	14:30	108.21	19861120	14:30	371.20
19861105	22:30	111.65	19861120	21:30	409.08
19861106	05:30	128.25	19861121	03:30	455.32
19861106	14:30	126.32	19861121	09:30	505.65
19861107	14:30	122.52	19861121	14:30	535.47
19861108	03:30	108.21	19861121	21:30	573.09
19861108	08:30	113.41	19861122	06:30	633.45
19861108	14:30	101.57	19861122	14:30	698.78
19861109	14:30	99.96	19861122	21:30	745.24
19861110	14:30	99.96	19861123	02:30	819.54
19861111	03:30	103.20	19861123	14:30	836.82
19861111	14:30	113.41	19861124	00:30	863.29
19861112	01:30	124.41	19861124	14:30	845.57
19861112	14:30	126.32	19861125	03:30	802.54
19861113	03:30	118.80	19861125	14:30	802.54
19861113	12:30	109.92	19861126	04:30	777.57
19861113	14:30	96.81	19861126	14:30	737.33
19861114	01:30	111.65	19861126	21:30	698.78
19861114	05:30	128.25	19861127	08:30	683.81
19861114	08:30	146.77	19861127	13:30	654.66
19861114	13:30	167.37	19861127	14:30	661.85
19861114	14:30	169.79	19861128	01:30	612.79
19861114	23:30	169.79	19861128	14:30	566.67
19861115	00:30	162.61	19861128	23:30	560.32
19861115	01:30	130.22	19861129	10:30	535.47
19861115	03:30	124.41	19861129	14:30	535.47
19861115	05:30	142.49	19861130	12:30	499.85
19861115	08:30	140.38	19861130	14:30	494.10
19861115	10:30	124.41	19861201	00:30	477.17
19861115	14:30	109.92	19861201	14:30	466.15
19861116	13:30	104.85	19861201	22:30	455.32
19861116	14:30	104.85	19861202	14:30	424.06
19861117	08:30	101.57	19861203	08:30	394.53
19861117	13:30	92.23	19861203	14:30	385.06
19861117	14:30	96.81	19861204	07:30	375.78

Moose River

Date	Time	Discharge	Date	Time	Discharge
19861204	14:30	348.99	19861226	01:30	201.13
19861205	14:30	357.74	19861226	05:30	192.90
19861206	06:30	340.40	19861226	09:30	201.13
19861206	13:30	323.74	19861226	14:30	198.36
19861206	14:30	323.74	19861227	11:30	192.90
19861207	08:30	307.74	19861227	14:30	179.77
19861207	14:30	303.84	19861228	09:30	187.56
19861207	22:30	292.38	19861228	14:30	192.90
19861208	07:30	277.63	19861229	13:30	209.64
19861208	14:30	274.04	19861229	14:30	212.55
19861209	14:30	281.26	19861230	06:30	206.78
19861209	22:30	311.68	19861230	14:30	206.78
19861210	14:30	311.68	19861230	23:30	212.55
19861210	20:30	331.99	19861231	12:30	227.53
19861211	05:30	366.67	19861231	14:30	227.53
19861211	12:30	385.06	19870101	14:30	236.93
19861211	14:30	389.78	19870102	12:30	230.63
19861212	13:30	380.40	19870102	14:30	227.53
19861212	14:30	375.78	19870102	16:30	224.47
19861213	03:30	362.18	19870102	17:30	201.13
19861213	14:30	344.67	19870102	18:30	169.79
19861214	00:30	319.68	19870102	20:30	190.21
19861214	14:30	315.66	19870103	01:30	212.55
19861215	14:30	311.68	19870103	14:30	221.44
19861216	02:30	296.16	19870104	06:30	215.48
19861216	11:30	303.84	19870104	14:30	215.48
19861216	14:30	315.66	19870105	04:30	227.53
19861216	22:30	336.18	19870105	14:30	240.12
19861217	07:30	323.74	19870106	02:30	246.62
19861217	14:30	315.66	19870106	14:30	253.26
19861218	06:30	303.84	19870107	01:30	260.04
19861218	14:30	311.68	19870107	10:30	270.49
19861219	02:30	319.68	19870107	14:30	263.49
19861219	14:30	319.68	19870108	09:30	270.49
19861220	07:30	311.68	19870108	14:30	277.63
19861220	14:30	311.68	19870109	14:30	281.26
19861221	13:30	296.16	19870110	04:30	274.04
19861221	14:30	299.98	19870110	14:30	266.97
19861222	02:30	284.93	19870111	12:30	260.04
19861222	14:30	274.04	19870111	14:30	260.04
19861223	00:30	260.04	19870112	05:30	249.93
19861223	06:30	240.12	19870112	14:30	243.36
19861223	14:30	236.93	19870113	10:30	236.93
19861224	11:30	230.63	19870113	14:30	240.12
19861224	14:30	221.44	19870114	12:30	230.63
19861225	05:30	218.44	19870114	14:30	227.53
19861225	11:30	206.78	19870115	14:30	230.63
19861225	14:30	206.78	19870116	14:30	246.62



Moose River

Date	Time	Discharge	Date	Time	Discharge
19870117	14:30	240.12	19870211	00:30	439.47
19870118	07:30	249.93	19870211	14:30	449.99
19870118	14:30	243.36	19870212	04:30	424.06
19870119	12:30	249.93	19870212	14:30	409.08
19870119	14:30	253.26	19870213	01:30	385.06
19870120	14:30	256.64	19870213	04:30	409.08
19870121	02:30	266.97	19870213	06:30	419.02
19870121	14:30	281.26	19870213	08:30	380.40
19870122	02:30	296.16	19870213	14:30	399.34
19870122	14:30	323.74	19870214	03:30	404.19
19870123	07:30	353.34	19870214	05:30	414.03
19870123	14:30	366.67	19870214	08:30	394.53
19870124	07:30	380.40	19870214	14:30	424.06
19870124	14:30	389.78	19870215	14:30	434.28
19870125	14:30	380.40	19870216	03:30	444.70
19870126	05:30	362.18	19870216	10:30	460.71
19870126	14:30	353.34	19870216	14:30	488.40
19870127	14:30	348.99	19870216	22:30	505.65
19870128	04:30	323.74	19870217	03:30	505.65
19870128	14:30	319.68	19870217	05:30	560.32
19870129	14:30	319.68	19870217	06:30	494.10
19870130	01:30	307.74	19870217	13:30	505.65
19870130	14:30	303.84	19870217	14:30	511.50
19870131	04:30	311.68	19870218	04:30	523.38
19870131	14:30	311.68	19870218	07:30	482.76
19870201	07:30	303.84	19870218	11:30	499.85
19870201	14:30	311.68	19870218	14:30	535.47
19870202	04:30	340.40	19870218	16:30	573.09
19870202	13:30	362.18	19870218	20:30	529.39
19870202	14:30	371.20	19870219	04:30	529.39
19870202	22:30	404.19	19870219	13:30	511.50
19870203	14:30	404.19	19870219	14:30	511.50
19870204	04:30	404.19	19870220	14:30	505.65
19870204	06:30	429.15	19870221	00:30	523.38
19870204	08:30	404.19	19870221	14:30	523.38
19870204	14:30	414.03	19870221	22:30	535.47
19870205	00:30	389.78	19870222	03:30	541.60
19870205	14:30	389.78	19870222	09:30	499.85
19870206	14:30	399.34	19870222	14:30	511.50
19870207	10:30	385.06	19870222	19:30	554.02
19870207	14:30	385.06	19870222	22:30	560.32
19870208	03:30	394.53	19870223	03:30	529.39
19870208	08:30	375.78	19870223	11:30	541.60
19870208	14:30	380.40	19870223	13:30	554.02
19870209	03:30	389.78	19870223	14:30	523.38
19870209	14:30	399.34	19870224	14:30	523.38
19870210	00:30	419.02	19870224	18:30	541.60
19870210	14:30	429.15	19870224	20:30	573.09

Moose River

Date	Time	Discharge	Date	Time	Discharge
19870225	02:30	566.67	19870311	05:30	794.14
19870225	06:30	547.78	19870311	09:30	729.49
19870225	10:30	579.56	19870311	14:30	714.00
19870225	14:30	554.02	19870312	00:30	785.82
19870226	02:30	541.60	19870312	05:30	785.82
19870226	10:30	511.50	19870312	08:30	714.00
19870226	14:30	517.41	19870312	13:30	683.81
19870227	03:30	477.17	19870312	14:30	706.36
19870227	06:30	505.65	19870312	21:30	721.71
19870227	09:30	482.76	19870313	02:30	777.57
19870227	12:30	523.38	19870313	05:30	785.82
19870227	14:30	517.41	19870313	09:30	721.71
19870227	19:30	471.63	19870313	13:30	706.36
19870228	02:30	444.70	19870313	14:30	729.49
19870228	11:30	439.47	19870314	05:30	761.27
19870228	14:30	434.28	19870314	11:30	706.36
19870301	01:30	409.08	19870314	14:30	714.00
19870301	11:30	429.15	19870314	21:30	683.81
19870301	14:30	429.15	19870315	05:30	706.36
19870301	22:30	414.03	19870315	12:30	676.43
19870302	08:30	439.47	19870315	14:30	683.81
19870302	14:30	449.99	19870316	13:30	691.26
19870302	22:30	424.06	19870316	14:30	706.36
19870303	04:30	439.47	19870317	04:30	721.71
19870303	14:30	460.71	19870317	13:30	706.36
19870304	03:30	466.15	19870317	14:30	737.33
19870304	14:30	517.41	19870318	05:30	729.49
19870304	22:30	499.85	19870318	13:30	721.71
19870305	08:30	529.39	19870318	14:30	745.24
19870305	14:30	573.09	19870319	05:30	729.49
19870306	00:30	535.47	19870319	11:30	698.78
19870306	14:30	586.09	19870319	14:30	729.49
19870307	00:30	547.78	19870320	02:30	706.36
19870307	12:30	606.02	19870320	12:30	676.43
19870307	14:30	619.61	19870320	14:30	698.78
19870308	04:30	669.11	19870321	11:30	714.00
19870308	12:30	737.33	19870321	14:30	737.33
19870308	14:30	753.22	19870322	02:30	811.00
19870309	03:30	828.14	19870322	10:30	881.31
19870309	10:30	769.38	19870322	14:30	845.57
19870309	14:30	785.82	19870322	23:30	811.00
19870309	23:30	863.29	19870323	01:30	890.43
19870310	04:30	908.90	19870323	04:30	946.75
19870310	06:30	836.82	19870323	09:30	1016.02
19870310	13:30	761.27	19870323	14:30	1036.53
19870310	14:30	785.82	19870323	21:30	1089.27
19870310	23:30	811.00	19870324	01:30	1144.13
19870311	03:30	836.82	19870324	02:30	1201.18

Moose River

Date	Time	Discharge	Date	Time	Discharge
19870324	13:30	1309.57	19870331	11:30	3078.38
19870324	14:30	1360.19	19870331	14:30	3254.95
19870325	00:30	1412.35	19870331	17:30	3029.36
19870325	02:30	1493.58	19870331	22:30	2886.04
19870325	04:30	1593.02	19870401	01:30	2957.01
19870325	12:30	1607.65	19870401	03:30	3178.31
19870325	14:30	1667.24	19870401	05:30	3306.85
19870325	20:30	1622.39	19870401	08:30	3153.09
19870326	01:30	1667.24	19870401	12:30	2980.97
19870326	02:30	1744.19	19870401	14:30	3078.38
19870326	03:30	1992.20	19870401	16:30	3005.09
19870326	05:30	1856.65	19870401	18:30	3103.12
19870326	09:30	1744.19	19870401	19:30	2957.01
19870326	13:30	1744.19	19870401	21:30	2862.69
19870326	14:30	1791.70	19870402	00:30	3005.09
19870326	20:30	1856.65	19870402	01:30	3103.12
19870327	01:30	1940.48	19870402	02:30	5585.57
19870327	04:30	2062.88	19870402	03:30	3203.69
19870327	13:30	2027.30	19870402	07:30	3005.09
19870327	14:30	2117.19	19870402	11:30	2839.49
19870327	20:30	2210.24	19870402	14:30	2933.20
19870328	00:30	2326.18	19870402	18:30	2725.74
19870328	02:30	2488.27	19870402	21:30	2530.16
19870328	05:30	2659.25	19870403	00:30	2572.62
19870328	08:30	2509.14	19870403	02:30	2725.74
19870328	10:30	2681.27	19870403	04:30	2770.79
19870328	11:30	2793.54	19870403	06:30	2615.65
19870328	12:30	2933.20	19870403	09:30	2637.38
19870328	13:30	3029.36	19870403	13:30	2488.27
19870328	14:30	3178.31	19870403	14:30	2530.16
19870328	17:30	3359.42	19870403	22:30	2615.65
19870328	21:30	3604.28	19870404	03:30	2509.14
19870329	02:30	3717.58	19870404	04:30	2406.13
19870329	04:30	3922.69	19870404	06:30	2365.88
19870329	10:30	3688.99	19870404	09:30	2365.88
19870329	14:30	3521.13	19870404	12:30	2229.23
19870329	19:30	3385.95	19870404	14:30	2191.37
19870330	01:30	3333.05	19870404	20:30	2045.03
19870330	03:30	3548.67	19870405	03:30	2135.54
19870330	06:30	3333.05	19870405	07:30	1992.20
19870330	10:30	3153.09	19870405	11:30	2098.96
19870330	13:30	2933.20	19870405	14:30	2117.19
19870330	14:30	2957.01	19870405	16:30	1992.20
19870330	17:30	3078.38	19870405	20:30	1840.24
19870330	21:30	2933.20	19870405	22:30	1744.19
19870331	00:30	3153.09	19870406	02:30	1744.19
19870331	03:30	3280.82	19870406	05:30	1840.24
19870331	06:30	3053.79	19870406	06:30	1759.91

Moose River

Date	Time	Discharge	Date	Time	Discharge
19870406	09:30	1667.24	19870409	22:30	190.21
19870406	14:30	1807.77	19870410	01:30	209.64
19870406	17:30	1682.41	19870410	02:30	233.76
19870406	19:30	1549.78	19870410	05:30	236.93
19870406	21:30	1439.03	19870410	08:30	221.44
19870407	00:30	1439.03	19870410	12:30	240.12
19870407	01:30	1507.48	19870410	14:30	236.93
19870407	02:30	1593.02	19870410	19:30	236.93
19870407	05:30	1622.39	19870410	21:30	209.64
19870407	08:30	1493.58	19870411	01:30	192.90
19870407	09:30	1637.23	19870411	14:30	195.61
19870407	14:30	1607.65	19870411	18:30	177.23
19870407	17:30	1564.09	19870411	23:30	164.97
19870407	18:30	1466.10	19870412	03:30	162.61
19870407	19:30	1412.35	19870412	14:30	167.37
19870407	21:30	1297.16	19870412	22:30	153.40
19870407	22:30	1236.48	19870413	02:30	153.40
19870408	00:30	1189.59	19870413	04:30	169.79
19870408	02:30	1248.43	19870413	08:30	151.17
19870408	03:30	1347.39	19870413	12:30	153.40
19870408	05:30	1309.57	19870413	14:30	146.77
19870408	06:30	1224.62	19870414	06:30	136.24
19870408	08:30	1309.57	19870414	14:30	140.38
19870408	10:30	1201.18	19870415	01:30	146.77
19870408	11:30	1166.68	19870415	04:30	134.21
19870408	12:30	1089.27	19870415	12:30	132.20
19870408	13:30	985.85	19870415	14:30	148.96
19870408	14:30	881.31	19870416	00:30	130.22
19870408	15:30	975.96	19870416	03:30	146.77
19870408	16:30	908.90	19870416	08:30	128.25
19870408	18:30	836.82	19870416	14:30	134.21
19870408	19:30	785.82	19870417	11:30	130.22
19870408	20:30	737.33	19870417	14:30	130.22
19870408	21:30	683.81	19870418	00:30	126.32
19870409	00:30	619.61	19870418	02:30	140.38
19870409	01:30	729.49	19870418	04:30	122.52
19870409	02:30	1026.23	19870418	07:30	111.65
19870409	03:30	802.54	19870418	11:30	126.32
19870409	04:30	777.57	19870418	14:30	134.21
19870409	05:30	529.39	19870419	01:30	134.21
19870409	06:30	424.06	19870419	07:30	116.98
19870409	07:30	449.99	19870419	13:30	113.41
19870409	08:30	380.40	19870419	14:30	118.80
19870409	09:30	323.74	19870420	01:30	116.98
19870409	11:30	299.98	19870420	02:30	136.24
19870409	14:30	266.97	19870420	03:30	120.65
19870409	18:30	236.93	19870420	09:30	113.41
19870409	19:30	215.48	19870420	14:30	113.41

Moose River

Date	Time	Discharge	Date	Time	Discharge
19870420	23:30	109.92	19870507	13:00	113.41
19870421	05:30	108.21	19870508	13:00	111.65
19870421	14:30	106.52	19870509	04:00	113.41
19870422	00:30	106.52	19870509	13:00	115.18
19870422	14:30	109.92	19870510	02:00	111.65
19870423	02:30	118.80	19870510	12:00	115.18
19870423	14:30	120.65	19870510	13:00	109.92
19870423	20:30	124.41	19870511	01:00	106.52
19870424	09:30	116.98	19870511	13:00	106.52
19870424	14:30	122.52	19870512	09:00	108.21
19870424	17:30	130.22	19870512	13:00	104.85
19870424	21:30	118.80	19870512	20:00	103.20
19870425	01:30	128.25	19870513	02:00	113.41
19870425	04:30	116.98	19870513	06:00	122.52
19870425	14:30	116.98	19870513	08:00	136.24
19870426	14:30	118.80	19870513	12:00	144.62
19870427	00:30	120.65	19870513	13:00	136.24
19870427	07:30	116.98	19870513	19:00	130.22
19870427	13:30	115.18	19870513	23:00	140.38
19870427	14:30	126.32	19870514	11:00	144.62
19870427	15:30	146.77	19870514	13:00	142.49
19870427	16:30	184.93	19870515	13:00	140.38
19870427	17:30	124.41	19870516	04:00	142.49
19870428	00:30	130.22	19870516	13:00	140.38
19870428	08:30	113.41	19870516	22:00	136.24
19870428	14:30	116.98	19870517	04:00	132.20
19870428	20:30	122.52	19870517	12:00	140.38
19870428	22:30	118.80	19870517	13:00	136.24
19870428	23:30	153.40	19870518	07:00	132.20
19870429	00:30	134.21	19870518	13:00	128.25
19870429	01:30	116.98	19870519	11:00	132.20
19870429	11:30	108.21	19870519	13:00	134.21
19870429	14:30	109.92	19870519	22:00	122.52
19870429	21:30	111.65	19870520	13:00	124.41
19870430	00:30	120.65	19870521	09:00	128.25
19870430	04:30	109.92	19870521	13:00	134.21
19870430	13:00	106.52	19870522	09:00	140.38
19870430	21:00	103.20	19870522	13:00	140.38
19870501	13:00	99.96	19870522	23:00	148.96
19870502	12:00	109.92	19870523	08:00	151.17
19870502	13:00	106.52	19870523	11:00	138.30
19870503	01:00	115.18	19870523	13:00	136.24
19870503	13:00	126.32	19870524	03:00	140.38
19870504	12:00	128.25	19870524	12:00	153.40
19870504	13:00	122.52	19870524	13:00	148.96
19870505	13:00	120.65	19870524	22:00	157.95
19870505	24:00	116.98	19870525	13:00	153.40
19870506	13:00	115.18	19870526	13:00	153.40

Moose River

Date	Time	Discharge	Date	Time	Discharge
19870527	04:00	144.62	19870614	13:00	95.26
19870527	10:00	153.40	19870615	01:00	92.23
19870527	13:00	146.77	19870615	10:00	96.81
19870528	01:00	140.38	19870615	13:00	93.74
19870528	12:00	146.77	19870616	13:00	95.26
19870528	13:00	142.49	19870617	09:00	90.74
19870529	04:00	132.20	19870617	13:00	90.74
19870529	11:00	138.30	19870618	13:00	87.82
19870529	13:00	132.20	19870619	01:00	84.98
19870530	04:00	122.52	19870619	13:00	86.39
19870530	12:00	128.25	19870620	13:00	84.98
19870530	13:00	120.65	19870621	13:00	83.59
19870531	04:00	115.18	19870622	05:00	86.39
19870531	12:00	120.65	19870622	13:00	90.74
19870531	13:00	116.98	19870623	13:00	90.74
19870531	23:00	113.41	19870623	23:00	87.82
19870601	11:00	116.98	19870624	13:00	86.39
19870601	13:00	120.65	19870625	10:00	89.27
19870602	09:00	138.30	19870625	13:00	87.82
19870602	13:00	138.30	19870626	13:00	86.39
19870603	04:00	140.38	19870627	13:00	84.98
19870603	12:00	146.77	19870628	08:00	89.27
19870603	13:00	144.62	19870628	13:00	87.82
19870603	22:00	151.17	19870629	10:00	90.74
19870604	13:00	148.96	19870629	13:00	90.74
19870604	23:00	144.62	19870630	04:00	89.27
19870605	04:00	140.38	19870630	09:00	98.38
19870605	11:00	148.96	19870630	13:00	92.23
19870605	13:00	144.62	19870630	22:00	90.74
19870605	22:00	140.38	19870701	04:00	86.39
19870606	13:00	140.38	19870701	10:00	92.23
19870607	03:00	134.21	19870701	13:00	87.82
19870607	13:00	132.20	19870702	05:00	89.27
19870608	04:00	124.41	19870702	12:00	87.82
19870608	12:00	130.22	19870702	13:00	84.98
19870608	13:00	126.32	19870703	13:00	82.21
19870609	04:00	113.41	19870704	06:00	79.52
19870609	11:00	120.65	19870704	13:00	78.20
19870609	13:00	116.98	19870705	02:00	75.61
19870609	21:00	113.41	19870705	13:00	75.61
19870610	04:00	106.52	19870706	12:00	76.89
19870610	10:00	111.65	19870706	13:00	73.09
19870610	13:00	108.21	19870707	08:00	74.34
19870611	07:00	103.20	19870707	12:00	76.89
19870611	13:00	101.57	19870707	13:00	73.09
19870612	03:00	98.38	19870708	06:00	78.20
19870612	13:00	99.96	19870708	12:00	82.21
19870613	13:00	96.81	19870708	13:00	79.52

Moose River

Date	Time	Discharge	Date	Time	Discharge
19870709	05:00	82.21	19870729	09:15	98.38
19870709	12:00	84.98	19870729	11:15	95.26
19870709	13:00	80.86	19870729	20:15	93.74
19870710	13:00	80.86	19870730	11:15	90.74
19870711	13:00	79.52	19870731	11:15	90.74
19870712	05:00	82.21	19870801	11:15	87.82
19870712	13:00	84.98	19870802	11:15	87.82
19870713	04:00	96.81	19870803	11:15	84.98
19870713	13:00	106.52	19870804	10:15	82.21
19870714	07:00	113.41	19870804	11:15	80.86
19870714	11:00	120.65	19870805	03:15	83.59
19870714	13:00	109.92	19870805	11:15	89.27
19870715	13:00	104.85	19870806	11:15	89.27
19870716	13:00	103.20	19870807	10:15	86.39
19870717	07:00	108.21	19870807	11:15	84.98
19870717	13:00	108.21	19870808	01:15	82.21
19870718	13:00	108.21	19870808	11:15	80.86
19870719	13:00	104.85	19870808	22:15	78.20
19870719	23:00	101.57	19870809	11:15	78.20
19870720	13:00	99.96	19870809	22:15	75.61
19870720	22:00	98.38	19870810	11:15	75.61
19870721	04:00	93.74	19870811	11:15	74.34
19870721	11:00	101.57	19870812	02:15	76.89
19870721	13:00	93.74	19870812	10:15	80.86
19870722	03:00	93.74	19870812	11:15	79.52
19870722	05:00	106.52	19870813	11:15	79.52
19870722	09:00	92.23	19870814	00:15	76.89
19870722	13:00	96.81	19870814	11:15	76.89
19870722	24:00	111.65	19870814	22:15	74.34
19870723	10:00	128.25	19870815	08:15	76.89
19870723	13:00	126.32	19870815	11:15	78.20
19870724	03:00	128.25	19870815	18:15	83.59
19870724	08:00	140.38	19870816	11:15	83.59
19870724	11:15	130.22	19870816	22:15	80.86
19870725	02:15	120.65	19870817	11:15	79.52
19870725	11:15	122.52	19870817	21:15	82.21
19870726	00:15	118.80	19870818	08:15	95.26
19870726	11:15	118.80	19870818	11:15	98.38
19870726	18:15	116.98	19870818	18:15	109.92
19870727	02:15	106.52	19870819	02:15	111.65
19870727	06:15	111.65	19870819	10:15	120.65
19870727	11:15	109.92	19870819	11:15	116.98
19870727	18:15	108.21	19870819	18:15	115.18
19870728	02:15	98.38	19870820	02:15	104.85
19870728	10:15	106.52	19870820	10:15	109.92
19870728	11:15	99.96	19870820	11:15	104.85
19870728	21:15	96.81	19870820	18:15	103.20
19870729	02:15	92.23	19870821	02:15	90.74

Moose River

Date	Time	Discharge	Date	Time	Discharge
19870821	08:15	95.26	19870908	11:15	86.39
19870821	11:15	92.23	19870908	20:15	82.21
19870821	18:15	93.74	19870909	11:15	78.20
19870822	00:15	83.59	19870910	00:15	80.86
19870822	10:15	87.82	19870910	09:15	93.74
19870822	11:15	84.98	19870910	11:15	95.26
19870822	18:15	84.98	19870911	00:15	109.92
19870823	02:15	75.61	19870911	11:15	118.80
19870823	09:15	80.86	19870911	18:15	124.41
19870823	11:15	78.20	19870912	11:15	126.32
19870823	22:15	75.61	19870913	11:15	124.41
19870824	11:15	74.34	19870913	18:15	124.41
19870824	18:15	74.34	19870914	00:15	115.18
19870825	01:15	67.08	19870914	11:15	115.18
19870825	10:15	71.85	19870914	18:15	116.98
19870825	11:15	69.43	19870915	00:15	106.52
19870825	18:15	70.63	19870915	11:15	106.52
19870826	02:15	62.56	19870916	11:15	104.85
19870826	07:15	65.92	19870917	09:15	109.92
19870826	11:15	65.92	19870917	11:15	108.21
19870826	18:15	68.25	19870917	23:15	115.18
19870827	01:15	60.39	19870918	11:15	116.98
19870827	10:15	65.92	19870919	11:15	116.98
19870827	11:15	63.67	19870920	00:15	113.41
19870828	00:15	61.47	19870920	11:15	111.65
19870828	11:15	61.47	19870920	17:15	116.98
19870829	11:15	62.56	19870921	00:15	106.52
19870830	11:15	62.56	19870921	11:15	108.21
19870830	18:15	63.67	19870922	11:15	108.21
19870831	00:15	59.33	19870923	11:15	104.85
19870831	11:15	59.33	19870924	11:15	103.20
19870831	18:15	60.39	19870924	18:15	106.52
19870901	01:15	55.24	19870925	00:15	98.38
19870901	10:15	59.33	19870925	08:15	103.20
19870901	11:15	58.29	19870925	11:15	101.57
19870901	18:15	61.47	19870926	11:15	103.20
19870902	11:15	60.39	19870927	11:15	101.57
19870903	10:15	63.67	19870927	18:15	104.85
19870903	11:15	62.56	19870928	00:15	98.38
19870904	00:15	68.25	19870928	11:15	98.38
19870904	11:15	75.61	19870929	11:15	96.81
19870904	17:15	80.86	19870930	11:15	96.81
19870905	11:15	79.52	19871001	11:15	93.74
19870906	11:15	76.89	19871001	18:15	96.81
19870907	01:15	79.52	19871002	00:15	89.27
19870907	06:15	92.23	19871002	10:15	95.26
19870907	11:15	93.74	19871002	11:15	96.81
19870908	05:15	90.74	19871002	13:15	108.21



Moose River

Date	Time	Discharge	Date	Time	Discharge
19871002	16:15	122.52	19871024	13:40	270.49
19871002	20:15	138.30	19871025	04:40	263.49
19871003	01:15	157.95	19871025	13:40	253.26
19871003	08:15	179.77	19871026	08:40	240.12
19871003	11:15	184.93	19871026	13:40	233.76
19871003	17:15	206.78	19871026	23:40	227.53
19871004	09:15	212.55	19871027	06:40	209.64
19871004	11:15	215.48	19871027	08:40	184.93
19871005	00:15	209.64	19871027	11:40	164.97
19871005	11:15	203.94	19871027	13:40	162.61
19871006	00:15	198.36	19871027	14:40	174.73
19871006	11:15	190.21	19871027	17:40	195.61
19871006	18:15	195.61	19871028	02:40	187.56
19871007	01:15	182.34	19871028	11:40	187.56
19871007	11:15	177.23	19871028	13:40	206.78
19871008	02:15	172.25	19871028	14:40	230.63
19871008	11:15	164.97	19871028	15:40	253.26
19871008	13:40	169.79	19871028	18:40	270.49
19871009	04:40	167.37	19871029	02:40	243.36
19871009	11:40	160.26	19871029	06:40	260.04
19871009	13:40	155.66	19871029	08:40	277.63
19871010	13:40	157.95	19871029	09:40	303.84
19871011	12:40	153.40	19871029	10:40	331.99
19871011	13:40	148.96	19871029	11:40	366.67
19871012	12:40	144.62	19871029	12:40	399.34
19871012	13:40	142.49	19871029	13:40	414.03
19871013	13:40	140.38	19871029	17:40	460.71
19871014	13:40	138.30	19871030	01:40	449.99
19871015	06:40	157.95	19871030	03:40	494.10
19871015	13:40	162.61	19871030	04:40	535.47
19871015	23:40	169.79	19871030	05:40	599.32
19871016	13:40	164.97	19871030	06:40	669.11
19871017	05:40	155.66	19871030	07:40	785.82
19871017	13:40	151.17	19871030	08:40	918.25
19871018	11:40	155.66	19871030	09:40	1057.38
19871018	13:40	160.26	19871030	12:40	975.96
19871018	20:40	177.23	19871030	13:40	1005.88
19871019	03:40	192.90	19871030	16:40	1036.53
19871019	09:40	218.44	19871030	20:40	956.41
19871019	13:40	224.47	19871031	04:40	890.43
19871020	03:40	253.26	19871031	07:40	819.54
19871020	12:40	263.49	19871031	13:40	745.24
19871020	13:40	256.64	19871031	18:40	729.49
19871020	20:40	266.97	19871101	01:40	676.43
19871021	13:40	270.49	19871101	13:40	676.43
19871022	13:40	270.49	19871101	16:40	706.36
19871023	09:40	277.63	19871101	18:40	654.66
19871023	13:40	274.04	19871101	23:40	592.67

Moose River

Date	Time	Discharge	Date	Time	Discharge
19871102	05:40	535.47	19871112	13:40	466.15
19871102	08:40	482.76	19871112	18:40	494.10
19871102	13:40	482.76	19871113	13:40	505.65
19871102	17:40	488.40	19871113	21:40	547.78
19871102	21:40	455.32	19871114	04:40	579.56
19871102	23:40	488.40	19871114	13:40	612.79
19871103	03:40	439.47	19871115	05:40	633.45
19871103	09:40	394.53	19871115	13:40	654.66
19871103	12:40	366.67	19871116	06:40	592.67
19871103	13:40	375.78	19871116	13:40	547.78
19871103	15:40	344.67	19871116	19:40	505.65
19871103	19:40	311.68	19871117	02:40	460.71
19871103	21:40	284.93	19871117	13:40	434.28
19871103	23:40	260.04	19871117	22:40	394.53
19871104	02:40	230.63	19871118	13:40	362.18
19871104	05:40	203.94	19871118	21:40	344.67
19871104	08:40	179.77	19871119	06:40	336.18
19871104	10:40	164.97	19871119	11:40	311.68
19871104	13:40	146.77	19871119	13:40	311.68
19871104	18:40	128.25	19871120	10:40	299.98
19871104	22:40	111.65	19871120	13:40	292.38
19871105	08:40	96.81	19871121	04:40	266.97
19871105	13:40	96.81	19871121	09:40	263.49
19871105	18:40	95.26	19871121	11:40	236.93
19871105	22:40	87.82	19871121	13:40	221.44
19871105	23:40	99.96	19871121	23:40	236.93
19871106	00:40	113.41	19871122	07:40	249.93
19871106	07:40	130.22	19871122	13:40	246.62
19871106	13:40	134.21	19871123	06:40	240.12
19871106	20:40	144.62	19871123	13:40	233.76
19871107	04:40	164.97	19871124	06:40	215.48
19871107	12:40	179.77	19871124	13:40	209.64
19871107	13:40	174.73	19871124	16:40	190.21
19871108	00:40	184.93	19871125	13:40	192.90
19871108	13:40	206.78	19871126	13:40	187.56
19871108	23:40	221.44	19871127	12:40	182.34
19871109	06:40	227.53	19871127	13:40	177.23
19871109	13:40	249.93	19871128	12:40	172.25
19871109	20:40	281.26	19871128	13:40	169.79
19871110	03:40	296.16	19871128	22:40	174.73
19871110	11:40	331.99	19871129	08:40	198.36
19871110	13:40	340.40	19871129	13:40	201.13
19871110	17:40	380.40	19871130	00:40	212.55
19871110	22:40	424.06	19871130	13:40	218.44
19871111	03:40	471.63	19871201	04:40	230.63
19871111	10:40	517.41	19871201	13:40	224.47
19871111	13:40	505.65	19871202	13:40	218.44
19871112	11:40	482.76	19871203	13:40	215.48

Moose River

Date	Time	Discharge	Date	Time	Discharge
19871204	13:40	215.48	19880107	13:40	187.56
19871205	13:40	209.64	19880108	02:40	195.61
19871206	13:40	203.94	19880108	13:40	195.61
19871207	13:40	198.36	19880109	05:40	201.13
19871208	13:40	192.90	19880109	13:40	195.61
19871209	13:40	192.90	19880110	13:40	190.21
19871210	12:40	190.21	19880111	13:40	187.56
19871210	13:40	184.93	19880112	13:40	182.34
19871211	13:40	184.93	19880113	13:40	179.77
19871212	13:40	190.21	19880114	11:00	177.23
19871213	13:40	192.90	19880114	23:00	187.56
19871214	13:40	192.90	19880115	11:00	184.93
19871215	13:40	182.34	19880116	10:00	182.34
19871216	13:40	179.77	19880116	11:00	177.23
19871217	13:40	184.93	19880117	08:00	182.34
19871218	05:40	192.90	19880117	11:00	182.34
19871218	13:40	192.90	19880118	08:00	187.56
19871219	11:40	198.36	19880118	11:00	192.90
19871219	13:40	195.61	19880119	02:00	190.21
19871220	07:40	203.94	19880119	11:00	192.90
19871220	13:40	206.78	19880120	11:00	195.61
19871220	20:40	215.48	19880121	02:00	203.94
19871221	13:40	215.48	19880121	11:00	201.13
19871222	08:40	221.44	19880122	01:00	209.64
19871222	12:40	224.47	19880122	11:00	212.55
19871222	13:40	215.48	19880123	11:00	215.48
19871223	13:40	212.55	19880123	21:00	227.53
19871224	06:40	227.53	19880124	11:00	224.47
19871224	13:40	224.47	19880125	11:00	224.47
19871225	13:40	227.53	19880125	18:00	218.44
19871226	13:40	224.47	19880126	09:00	209.64
19871227	13:40	224.47	19880126	11:00	212.55
19871228	13:40	224.47	19880127	01:00	221.44
19871229	13:40	218.44	19880127	11:00	224.47
19871230	13:40	209.64	19880128	11:00	218.44
19871231	13:40	209.64	19880128	18:00	215.48
19880101	07:40	203.94	19880129	02:00	198.36
19880101	13:40	201.13	19880129	10:00	192.90
19880102	13:40	198.36	19880129	11:00	187.56
19880103	11:40	190.21	19880129	22:00	195.61
19880103	13:40	187.56	19880130	11:00	198.36
19880104	04:40	182.34	19880131	02:00	212.55
19880104	10:40	179.77	19880131	11:00	218.44
19880104	13:40	169.79	19880201	05:00	227.53
19880104	18:40	179.77	19880201	11:00	240.12
19880105	13:40	182.34	19880202	05:00	260.04
19880106	13:40	182.34	19880202	11:00	256.64
19880107	12:40	190.21	19880203	10:00	266.97

Moose River

Date	Time	Discharge	Date	Time	Discharge
19880203	11:00	260.04	19880310	01:00	429.15
19880203	22:00	270.49	19880310	05:00	477.17
19880204	11:00	281.26	19880310	11:00	494.10
19880205	04:00	292.38	19880310	21:00	511.50
19880205	11:00	296.16	19880311	11:00	499.85
19880206	11:00	296.16	19880312	11:00	494.10
19880207	11:00	296.16	19880312	15:00	547.78
19880208	11:00	299.98	19880313	01:00	535.47
19880209	11:00	303.84	19880313	11:00	523.38
19880210	11:00	307.74	19880313	16:00	579.56
19880211	11:00	311.68	19880313	24:00	554.02
19880212	11:00	311.68	19880314	08:00	529.39
19880212	18:00	323.74	19880314	11:00	547.78
19880213	11:00	319.68	19880314	15:00	606.02
19880214	11:00	319.68	19880314	22:00	669.11
19880215	11:00	327.85	19880315	11:00	654.66
19880216	04:00	336.18	19880315	19:00	721.71
19880216	11:00	336.18	19880315	24:00	745.24
19880217	11:00	340.40	19880316	11:00	737.33
19880218	11:00	340.40	19880316	18:00	794.14
19880219	11:00	340.40	19880317	06:00	872.27
19880220	11:00	344.67	19880317	11:00	881.31
19880221	11:00	344.67	19880317	22:00	845.57
19880222	09:00	353.34	19880318	11:00	836.82
19880222	11:00	353.34	19880318	23:00	819.54
19880223	10:00	344.67	19880319	11:00	802.54
19880223	11:00	340.40	19880319	18:00	811.00
19880223	21:00	331.99	19880319	24:00	769.38
19880224	11:00	323.74	19880320	11:00	761.27
19880225	09:00	340.40	19880320	24:00	714.00
19880225	11:00	340.40	19880321	10:00	691.26
19880226	11:00	348.99	19880321	11:00	676.43
19880227	08:00	362.18	19880322	01:00	661.85
19880227	11:00	357.74	19880322	09:00	647.52
19880228	11:00	362.18	19880322	11:00	654.66
19880229	11:00	366.67	19880322	24:00	640.45
19880301	11:00	371.20	19880323	11:00	626.50
19880302	11:00	366.67	19880324	03:00	633.45
19880303	11:00	371.20	19880324	11:00	619.61
19880304	11:00	371.20	19880324	22:00	606.02
19880305	11:00	375.78	19880325	11:00	599.32
19880306	11:00	375.78	19880326	05:00	586.09
19880307	11:00	366.67	19880326	11:00	566.67
19880308	11:00	357.74	19880326	23:00	579.56
19880309	05:00	366.67	19880327	06:00	626.50
19880309	11:00	357.74	19880327	11:00	606.02
19880309	21:00	366.67	19880327	16:00	560.32
19880309	23:00	394.53	19880327	22:00	560.32

Moose River

Date	Time	Discharge	Date	Time	Discharge
19880327	23:00	579.56	19880406	13:00	899.63
19880327	24:00	714.00	19880406	20:00	899.63
19880328	01:00	592.67	19880407	04:00	985.85
19880328	07:00	599.32	19880407	08:00	995.83
19880328	11:00	566.67	19880407	10:00	1026.23
19880329	02:00	573.09	19880407	11:00	985.85
19880329	05:00	592.67	19880407	12:00	1155.36
19880329	09:00	573.09	19880407	13:00	946.75
19880329	11:00	586.09	19880408	01:00	975.96
19880329	19:00	529.39	19880408	11:00	975.96
19880329	23:00	554.02	19880408	19:00	1026.23
19880330	01:00	599.32	19880408	23:00	975.96
19880330	05:00	592.67	19880409	11:00	966.15
19880330	11:00	566.67	19880409	18:00	1036.53
19880330	21:00	529.39	19880410	04:00	1026.23
19880331	02:00	566.67	19880410	07:00	1100.07
19880331	05:00	606.02	19880410	11:00	1036.53
19880331	07:00	573.09	19880410	19:00	1067.93
19880331	11:00	566.67	19880410	22:00	1110.96
19880331	22:00	573.09	19880411	05:00	1067.93
19880331	24:00	626.50	19880411	11:00	1067.93
19880401	05:00	633.45	19880411	21:00	1144.13
19880401	07:00	698.78	19880412	09:00	1166.68
19880401	10:00	654.66	19880412	11:00	1166.68
19880401	11:00	794.14	19880412	20:00	1272.61
19880401	12:00	640.45	19880413	11:00	1386.07
19880401	15:00	606.02	19880413	15:00	1493.58
19880401	24:00	633.45	19880413	20:00	1622.39
19880402	04:00	698.78	19880413	24:00	1713.07
19880402	11:00	698.78	19880414	03:00	1682.41
19880402	15:00	654.66	19880414	06:00	1759.91
19880402	23:00	683.81	19880414	11:00	1823.95
19880403	03:00	745.24	19880414	14:00	1974.84
19880403	09:00	721.71	19880414	16:00	2117.19
19880403	11:00	753.22	19880414	20:00	2248.36
19880403	24:00	769.38	19880414	21:00	2488.27
19880404	05:00	828.14	19880415	04:00	2681.27
19880404	11:00	794.14	19880415	07:00	2839.49
19880404	19:00	794.14	19880415	11:00	3029.36
19880404	24:00	872.27	19880415	12:00	3178.31
19880405	09:00	890.43	19880415	13:00	3280.82
19880405	11:00	872.27	19880415	14:00	3746.35
19880405	21:00	863.29	19880415	15:00	3576.39
19880405	24:00	890.43	19880415	16:00	4231.29
19880406	08:00	908.90	19880415	17:00	4231.29
19880406	10:00	985.85	19880415	18:00	4626.89
19880406	11:00	1166.68	19880415	20:00	4392.70
19880406	12:00	1089.27	19880415	22:00	4661.14

Moose River

Date	Time	Discharge	Date	Time	Discharge
19880416	01:00	4392.70	19880423	03:00	1100.07
19880416	06:00	4458.62	19880423	08:00	1067.93
19880416	09:00	4695.60	19880423	10:00	1078.56
19880416	10:00	5125.17	19880423	11:00	985.85
19880416	11:00	5428.58	19880423	21:00	975.96
19880416	12:00	4765.12	19880424	03:00	946.75
19880416	13:00	4765.12	19880424	06:00	985.85
19880416	14:00	8030.57	19880424	10:00	918.25
19880416	15:00	4458.62	19880424	11:00	890.43
19880416	16:00	2862.69	19880424	14:00	881.31
19880416	19:00	2659.25	19880424	17:00	927.67
19880416	22:00	2748.19	19880424	21:00	863.29
19880416	24:00	2572.62	19880425	01:00	794.14
19880417	03:00	2446.92	19880425	06:00	729.49
19880417	06:00	2551.32	19880425	11:00	691.26
19880417	10:00	2572.62	19880425	17:00	683.81
19880417	11:00	2615.65	19880425	20:00	661.85
19880417	17:00	2659.25	19880425	23:00	706.36
19880417	20:00	2530.16	19880426	01:00	661.85
19880417	24:00	2385.94	19880426	05:00	683.81
19880418	11:00	2345.96	19880426	09:00	633.45
19880418	18:00	2191.37	19880426	11:00	606.02
19880418	21:00	2045.03	19880426	18:00	586.09
19880418	24:00	1889.83	19880426	22:00	547.78
19880419	04:00	1940.48	19880427	02:00	566.67
19880419	07:00	1823.95	19880427	07:00	579.56
19880419	11:00	1744.19	19880427	10:00	541.60
19880419	15:00	1652.18	19880427	11:00	517.41
19880419	18:00	1682.41	19880427	22:00	466.15
19880419	21:00	1593.02	19880428	03:00	505.65
19880419	24:00	1667.24	19880428	10:00	455.32
19880420	08:00	1578.50	19880428	11:00	434.28
19880420	11:00	1593.02	19880428	18:00	424.06
19880420	15:00	1479.79	19880428	22:00	434.28
19880420	19:00	1452.51	19880429	05:00	434.28
19880420	23:00	1412.35	19880429	08:00	404.19
19880421	02:00	1466.10	19880429	11:00	404.19
19880421	03:00	1439.03	19880429	15:00	404.19
19880421	05:00	1322.08	19880429	18:00	429.15
19880421	10:00	1425.64	19880429	20:00	394.53
19880421	11:00	1373.08	19880429	21:00	429.15
19880421	15:00	1452.51	19880430	07:00	404.19
19880421	23:00	1334.69	19880430	11:00	394.53
19880422	04:00	1284.83	19880430	16:00	371.20
19880422	11:00	1189.59	19880501	02:00	344.67
19880422	18:00	1132.99	19880501	11:00	331.99
19880422	22:00	1144.13	19880501	18:00	323.74
19880423	02:00	1189.59	19880502	02:00	299.98

Moose River

Date	Time	Discharge	Date	Time	Discharge
19880502	10:00	296.16	19880523	11:00	132.20
19880502	11:00	288.64	19880524	11:00	126.32
19880502	24:00	266.97	19880524	22:00	122.52
19880503	11:00	249.93	19880525	02:00	115.18
19880503	21:00	243.36	19880525	07:00	120.65
19880504	11:00	240.12	19880525	11:00	118.80
19880504	22:00	233.76	19880525	21:00	115.18
19880505	10:00	224.47	19880526	11:00	111.65
19880505	11:00	218.44	19880526	22:00	108.21
19880505	18:00	215.48	19880527	02:00	103.20
19880506	02:00	206.78	19880527	09:00	108.21
19880506	10:00	203.94	19880527	11:00	104.85
19880506	11:00	198.36	19880527	24:00	101.57
19880506	24:00	192.90	19880528	11:00	99.96
19880507	10:00	190.21	19880529	04:00	104.85
19880507	11:00	184.93	19880529	11:00	104.85
19880507	23:00	179.77	19880529	23:00	101.57
19880508	11:00	174.73	19880530	10:00	104.85
19880508	18:00	187.56	19880530	11:00	99.96
19880509	10:00	206.78	19880531	11:00	101.57
19880509	11:00	201.13	19880601	01:00	98.38
19880510	10:00	203.94	19880601	10:00	103.20
19880510	11:00	195.61	19880601	11:00	98.38
19880510	21:00	190.21	19880601	24:00	95.26
19880511	11:00	182.34	19880602	11:00	93.74
19880511	24:00	172.25	19880602	23:00	90.74
19880512	11:00	167.37	19880603	11:00	87.82
19880512	21:00	162.61	19880603	23:00	84.98
19880513	11:00	155.66	19880604	11:00	82.21
19880514	09:00	160.26	19880604	21:00	79.52
19880514	11:00	160.26	19880605	02:00	74.34
19880515	11:00	157.95	19880605	08:00	78.20
19880516	10:00	160.26	19880605	11:00	75.61
19880516	11:00	153.40	19880606	04:00	78.20
19880517	11:00	148.96	19880606	09:00	90.74
19880517	24:00	144.62	19880606	11:00	93.74
19880518	11:00	142.49	19880606	17:00	108.21
19880518	24:00	136.24	19880607	03:00	118.80
19880519	11:00	138.30	19880607	10:00	126.32
19880520	04:00	151.17	19880607	11:00	122.52
19880520	11:00	153.40	19880607	22:00	118.80
19880520	22:00	160.26	19880608	09:00	113.41
19880521	10:00	162.61	19880608	11:00	111.65
19880521	11:00	153.40	19880608	23:00	106.52
19880521	21:00	151.17	19880609	11:00	103.20
19880522	05:00	146.77	19880609	23:00	98.38
19880522	11:00	140.38	19880610	11:00	96.81
19880522	22:00	136.24	19880611	10:00	93.74

Moose River

Date	Time	Discharge	Date	Time	Discharge
19880611	11:00	92.23	19880710	10:00	52.32
19880611	23:00	89.27	19880710	11:00	50.44
19880612	11:00	87.82	19880710	22:00	48.62
19880613	11:00	84.98	19880711	02:00	46.85
19880614	11:00	83.59	19880711	08:00	49.53
19880615	11:00	82.21	19880711	11:00	49.53
19880615	23:00	78.20	19880712	11:00	49.53
19880616	09:00	80.86	19880713	11:00	50.44
19880616	11:00	78.20	19880714	11:00	51.38
19880616	23:00	75.61	19880715	02:00	46.85
19880617	11:00	74.34	19880715	10:00	49.53
19880617	23:00	71.85	19880715	11:00	48.62
19880618	11:00	71.85	19880715	18:00	49.53
19880619	11:00	71.85	19880715	24:00	44.30
19880620	02:00	74.34	19880716	10:00	47.73
19880620	11:00	75.61	19880716	11:00	46.85
19880621	11:00	74.34	19880717	11:00	47.73
19880621	24:00	71.85	19880717	20:00	45.99
19880622	11:00	70.63	19880718	11:00	45.99
19880622	23:00	68.25	19880718	24:00	44.30
19880623	11:00	68.25	19880719	11:00	45.99
19880624	11:00	67.08	19880719	23:00	44.30
19880625	11:00	64.79	19880720	10:00	45.13
19880625	24:00	62.56	19880720	11:00	46.85
19880626	10:00	64.79	19880720	22:00	45.99
19880626	11:00	61.47	19880721	11:00	46.85
19880627	07:00	63.67	19880721	18:00	49.53
19880627	11:00	64.79	19880722	11:00	49.53
19880628	04:00	68.25	19880723	11:00	47.73
19880628	11:00	68.25	19880724	11:00	46.85
19880629	10:00	71.85	19880725	07:00	48.62
19880629	11:00	70.63	19880725	11:00	50.44
19880630	11:00	70.63	19880725	19:00	51.38
19880701	11:00	70.63	19880725	24:00	54.25
19880702	11:00	69.43	19880726	11:00	56.24
19880702	22:00	67.08	19880726	22:00	55.24
19880703	11:00	65.92	19880726	24:00	59.33
19880704	01:00	63.67	19880727	09:00	52.32
19880704	11:00	63.67	19880727	11:00	59.33
19880705	11:00	62.56	19880727	20:00	51.38
19880706	11:00	59.33	19880728	03:00	53.28
19880707	11:00	58.29	19880728	11:00	50.44
19880707	21:00	56.24	19880728	14:00	57.26
19880708	11:00	54.25	19880728	23:00	53.28
19880708	22:00	52.32	19880729	09:00	54.25
19880709	11:00	53.28	19880729	11:00	53.28
19880709	21:00	51.38	19880730	03:00	51.38
19880710	02:00	48.62	19880730	10:00	46.85



Moose River

Date	Time	Discharge	Date	Time	Discharge
19880730	11:00	47.73	19880811	19:00	79.52
19880730	15:00	53.28	19880812	03:00	80.86
19880731	02:00	50.44	19880812	11:00	82.21
19880731	05:00	55.24	19880812	17:00	78.20
19880731	06:00	46.85	19880813	04:00	74.34
19880731	10:00	48.62	19880813	10:00	70.63
19880731	11:00	53.28	19880813	11:00	76.89
19880731	14:00	46.85	19880813	15:00	79.52
19880731	24:00	47.73	19880813	20:00	69.43
19880801	03:00	49.53	19880814	01:00	65.92
19880801	09:00	54.25	19880814	09:00	68.25
19880801	11:00	53.28	19880814	11:00	65.92
19880801	12:00	65.92	19880814	18:00	70.63
19880801	13:00	52.32	19880814	24:00	64.79
19880801	23:00	50.44	19880815	11:00	65.92
19880802	04:00	53.28	19880815	18:00	65.92
19880802	11:00	55.24	19880815	22:00	59.33
19880802	21:00	51.38	19880816	11:00	61.47
19880803	06:00	55.24	19880816	12:00	59.33
19880803	11:00	54.25	19880816	13:00	95.26
19880804	01:00	50.44	19880816	14:00	58.29
19880804	11:00	55.24	19880816	24:00	53.28
19880804	18:00	57.26	19880817	09:00	58.29
19880804	22:00	61.47	19880817	11:00	58.29
19880804	24:00	58.29	19880818	02:00	53.28
19880805	03:00	64.79	19880818	11:00	57.26
19880805	11:00	62.56	19880818	20:00	54.25
19880806	04:00	64.79	19880819	01:00	49.53
19880806	11:00	67.08	19880819	08:00	50.44
19880807	02:00	65.92	19880819	11:00	50.44
19880807	11:00	68.25	19880819	23:00	45.13
19880807	19:00	65.92	19880820	03:00	52.32
19880808	09:00	61.47	19880820	07:00	56.24
19880808	11:00	62.56	19880820	11:00	56.24
19880808	21:00	63.67	19880820	18:00	59.33
19880808	24:00	59.33	19880821	09:00	61.47
19880809	03:00	62.56	19880821	11:00	62.56
19880809	07:00	57.26	19880821	24:00	64.79
19880809	11:00	61.47	19880822	07:00	75.61
19880809	13:00	57.26	19880822	11:00	80.86
19880809	20:00	59.33	19880822	15:00	86.39
19880810	01:00	54.25	19880822	17:00	98.38
19880810	05:00	61.47	19880822	21:00	104.85
19880810	11:00	58.29	19880823	01:00	106.52
19880810	20:00	55.24	19880823	05:00	122.52
19880811	02:00	57.26	19880823	10:00	136.24
19880811	05:00	64.79	19880823	11:00	142.49
19880811	11:00	74.34	19880823	18:00	153.40

Moose River

Date	Time	Discharge	Date	Time	Discharge
19880823	21:00	164.97	19880904	11:00	311.68
19880824	08:00	151.17	19880904	21:00	299.98
19880824	11:00	155.66	19880905	04:00	284.93
19880825	02:00	153.40	19880905	11:00	277.63
19880825	09:00	148.96	19880905	20:00	263.49
19880825	11:00	144.62	19880906	02:00	246.62
19880825	23:00	148.96	19880906	11:00	240.12
19880826	10:00	157.95	19880906	19:00	230.63
19880826	11:00	155.66	19880907	03:00	218.44
19880826	20:00	167.37	19880907	11:00	212.55
19880826	24:00	162.61	19880907	19:00	203.94
19880827	04:00	172.25	19880908	02:00	190.21
19880827	10:00	167.37	19880908	11:00	187.56
19880827	11:00	190.21	19880908	19:00	179.77
19880827	14:00	169.79	19880909	02:00	167.37
19880828	02:00	157.95	19880909	11:00	162.61
19880828	10:00	164.97	19880909	22:00	153.40
19880828	11:00	157.95	19880910	08:00	144.62
19880828	14:00	174.73	19880910	11:00	144.62
19880828	22:00	167.37	19880910	20:00	136.24
19880829	04:00	162.61	19880911	11:00	130.22
19880829	11:00	164.97	19880912	11:00	134.21
19880829	17:00	174.73	19880912	22:00	153.40
19880829	23:00	172.25	19880913	06:00	174.73
19880830	04:00	192.90	19880913	11:00	190.21
19880830	06:00	206.78	19880913	20:00	206.78
19880830	10:00	215.48	19880914	02:00	206.78
19880830	11:00	203.94	19880914	09:00	221.44
19880830	13:00	206.78	19880914	11:00	218.44
19880830	14:00	230.63	19880914	21:00	221.44
19880830	20:00	236.93	19880915	11:00	215.48
19880831	01:00	224.47	19880915	22:00	206.78
19880831	11:00	249.93	19880916	11:00	198.36
19880831	17:00	270.49	19880917	02:00	182.34
19880831	21:00	288.64	19880917	11:00	179.77
19880901	02:00	277.63	19880917	18:00	179.77
19880901	08:00	299.98	19880917	23:00	167.37
19880901	11:00	303.84	19880918	11:00	162.61
19880901	16:00	323.74	19880918	19:00	153.40
19880901	17:00	385.06	19880919	11:00	142.49
19880901	19:00	348.99	19880920	11:00	144.62
19880901	23:00	362.18	19880921	11:00	144.62
19880902	11:00	357.74	19880921	19:00	153.40
19880902	18:00	380.40	19880922	11:00	155.66
19880903	02:00	362.18	19880923	11:00	153.40
19880903	11:00	362.18	19880923	24:00	148.96
19880903	22:00	336.18	19880924	11:00	148.96
19880904	07:00	319.68	19880924	21:00	144.62

Moose River

Date	Time	Discharge	Date	Time	Discharge
19880925	11:00	142.49	19881013	11:00	215.48
19880925	18:00	144.62	19881013	14:30	218.44
19880926	02:00	132.20	19881014	05:30	198.36
19880926	07:00	138.30	19881014	08:30	179.77
19880926	11:00	138.30	19881014	11:30	160.26
19880926	21:00	134.21	19881014	12:30	172.25
19880927	11:00	132.20	19881014	14:30	169.79
19880927	22:00	120.65	19881014	21:30	177.23
19880928	11:00	116.98	19881015	00:30	155.66
19880928	21:00	113.41	19881015	10:30	155.66
19880929	02:00	108.21	19881015	12:30	169.79
19880929	11:00	109.92	19881015	13:30	187.56
19880929	18:00	115.18	19881015	14:30	198.36
19880929	23:00	106.52	19881015	15:30	218.44
19880930	11:00	111.65	19881015	19:30	227.53
19880930	19:00	108.21	19881015	22:30	201.13
19881001	01:00	99.96	19881016	02:30	187.56
19881001	11:00	109.92	19881016	08:30	212.55
19881001	16:00	108.21	19881016	11:30	227.53
19881001	22:00	98.38	19881016	12:30	246.62
19881002	11:00	98.38	19881016	13:30	277.63
19881003	11:00	98.38	19881016	14:30	284.93
19881004	01:00	103.20	19881016	15:30	260.04
19881004	11:00	108.21	19881016	16:30	240.12
19881004	23:00	116.98	19881016	17:30	218.44
19881005	04:00	132.20	19881016	18:30	201.13
19881005	10:00	151.17	19881016	20:30	179.77
19881005	11:00	153.40	19881017	01:30	157.95
19881005	17:00	174.73	19881017	08:30	146.77
19881006	03:00	198.36	19881017	11:30	160.26
19881006	10:00	224.47	19881017	12:30	172.25
19881006	11:00	230.63	19881017	14:30	172.25
19881006	22:00	249.93	19881017	15:30	160.26
19881007	08:00	270.49	19881017	16:30	146.77
19881007	11:00	274.04	19881017	18:30	130.22
19881007	23:00	284.93	19881018	13:30	118.80
19881008	08:00	315.66	19881018	14:30	115.18
19881008	11:00	315.66	19881019	14:30	116.98
19881008	18:00	327.85	19881020	06:30	134.21
19881009	11:00	323.74	19881020	14:30	142.49
19881009	23:00	315.66	19881021	08:30	153.40
19881010	10:00	303.84	19881021	14:30	151.17
19881010	11:00	299.98	19881022	05:30	148.96
19881010	19:00	292.38	19881022	08:30	132.20
19881011	11:00	266.97	19881022	09:30	115.18
19881012	03:00	243.36	19881022	11:30	101.57
19881012	11:00	236.93	19881022	12:30	109.92
19881013	01:00	224.47	19881022	14:30	126.32

Moose River

Date	Time	Discharge	Date	Time	Discharge
19881023	10:30	120.65	19881101	18:30	155.66
19881023	12:30	124.41	19881102	00:30	151.17
19881023	13:30	138.30	19881102	06:30	142.49
19881023	14:30	148.96	19881102	12:30	157.95
19881023	15:30	162.61	19881102	14:30	160.26
19881023	17:30	184.93	19881102	21:30	182.34
19881023	22:30	177.23	19881103	01:30	206.78
19881024	02:30	164.97	19881103	10:30	233.76
19881024	10:30	184.93	19881103	14:30	240.12
19881024	14:30	209.64	19881103	21:30	260.04
19881024	18:30	212.55	19881104	01:30	292.38
19881024	20:30	195.61	19881104	05:30	323.74
19881024	22:30	174.73	19881104	09:30	357.74
19881025	02:30	153.40	19881104	11:30	394.53
19881025	12:30	142.49	19881104	14:30	439.47
19881025	14:30	140.38	19881104	20:30	488.40
19881025	15:30	136.24	19881105	00:30	541.60
19881025	16:30	120.65	19881105	04:30	599.32
19881025	20:30	106.52	19881105	13:30	661.85
19881026	00:30	92.23	19881105	14:30	654.66
19881026	12:30	93.74	19881106	05:30	698.78
19881026	14:30	101.57	19881106	11:30	721.71
19881026	17:30	106.52	19881106	14:30	729.49
19881026	22:30	93.74	19881107	05:30	714.00
19881027	14:30	95.26	19881107	14:30	698.78
19881028	08:30	92.23	19881107	21:30	669.11
19881028	12:30	95.26	19881108	04:30	633.45
19881028	14:30	93.74	19881108	13:30	619.61
19881029	14:30	93.74	19881108	14:30	592.67
19881030	07:30	95.26	19881108	20:30	541.60
19881030	11:30	86.39	19881109	05:30	488.40
19881030	12:30	87.82	19881109	13:30	455.32
19881030	13:30	108.21	19881109	14:30	455.32
19881030	14:30	108.21	19881109	23:30	409.08
19881030	17:30	95.26	19881110	09:30	371.20
19881030	23:30	92.23	19881110	14:30	362.18
19881031	01:30	83.59	19881110	23:30	323.74
19881031	05:30	96.81	19881111	09:30	288.64
19881031	11:30	99.96	19881111	14:30	270.49
19881031	13:30	113.41	19881111	22:30	243.36
19881031	14:30	116.98	19881112	05:30	218.44
19881031	15:30	126.32	19881112	13:30	206.78
19881031	17:30	140.38	19881112	14:30	195.61
19881031	20:30	122.52	19881113	04:30	184.93
19881101	00:30	108.21	19881113	13:30	179.77
19881101	12:30	115.18	19881113	14:30	174.73
19881101	14:30	126.32	19881114	09:30	157.95
19881101	15:30	136.24	19881114	14:30	155.66

Moose River

Date	Time	Discharge	Date	Time	Discharge
19881115	11:30	138.30	19881209	13:30	192.90
19881115	14:30	138.30	19881209	14:30	187.56
19881115	20:30	148.96	19881210	14:30	184.93
19881116	14:30	140.38	19881211	01:30	192.90
19881117	01:30	130.22	19881211	14:30	192.90
19881117	14:30	130.22	19881212	11:30	201.13
19881118	13:30	126.32	19881212	14:30	201.13
19881118	14:30	124.41	19881213	14:30	203.94
19881119	00:30	118.80	19881213	18:30	215.48
19881119	13:30	116.98	19881213	21:30	224.47
19881119	14:30	113.41	19881214	03:30	218.44
19881120	09:30	116.98	19881214	04:30	249.93
19881120	14:30	116.98	19881214	05:30	218.44
19881121	14:30	116.98	19881214	14:30	221.44
19881122	05:30	126.32	19881214	21:30	206.78
19881122	14:30	130.22	19881215	02:30	198.36
19881123	02:30	138.30	19881215	08:30	212.55
19881123	14:30	136.24	19881215	14:30	209.64
19881124	12:30	146.77	19881215	22:30	224.47
19881124	14:30	144.62	19881216	03:30	233.76
19881125	14:30	140.38	19881216	14:30	233.76
19881126	14:30	136.24	19881217	09:30	230.63
19881127	14:30	138.30	19881217	14:30	224.47
19881128	12:30	142.49	19881218	03:30	224.47
19881128	14:30	142.49	19881218	14:30	221.44
19881129	14:30	142.49	19881219	14:30	218.44
19881130	08:30	146.77	19881220	14:30	218.44
19881130	14:30	157.95	19881221	01:30	209.64
19881201	14:30	157.95	19881221	12:30	201.13
19881202	13:30	153.40	19881221	14:30	201.13
19881202	14:30	151.17	19881222	00:30	209.64
19881203	12:30	155.66	19881222	14:30	198.36
19881203	14:30	157.95	19881223	14:30	192.90
19881204	14:30	164.97	19881224	04:30	184.93
19881205	03:30	160.26	19881224	14:30	182.34
19881205	13:30	160.26	19881224	15:30	187.56
19881205	14:30	153.40	19881224	17:30	198.36
19881206	12:30	153.40	19881225	14:30	212.55
19881206	14:30	134.21	19881226	06:30	221.44
19881206	19:30	148.96	19881226	14:30	224.47
19881207	05:30	157.95	19881227	00:30	236.93
19881207	14:30	162.61	19881227	12:30	221.44
19881207	19:30	167.37	19881227	14:30	221.44
19881208	03:30	187.56	19881227	23:30	236.93
19881208	14:30	184.93	19881228	03:30	224.47
19881208	19:30	184.93	19881228	13:30	230.63
19881208	21:30	198.36	19881228	14:30	243.36
19881209	04:30	198.36	19881228	19:30	224.47

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Date	Time	Discharge	Date	Time	Discharge
19881229	14:30	224.47	19890117	15:30	256.64
19881229	21:30	233.76	19890118	11:30	243.36
19881230	05:30	243.36	19890118	15:30	236.93
19881230	14:30	240.12	19890119	07:30	224.47
19881230	20:30	246.62	19890119	15:30	218.44
19881231	03:30	230.63	19890120	07:30	203.94
19881231	14:30	218.44	19890120	14:30	209.64
19890101	00:30	227.53	19890120	15:30	201.13
19890101	14:30	230.63	19890121	07:30	190.21
19890101	21:30	246.62	19890121	14:30	195.61
19890101	23:30	277.63	19890121	15:30	187.56
19890102	02:30	249.93	19890121	21:30	177.23
19890102	10:30	240.12	19890121	22:30	148.96
19890102	14:30	240.12	19890122	01:30	148.96
19890103	14:30	233.76	19890122	02:30	169.79
19890104	13:30	227.53	19890122	03:30	184.93
19890104	14:30	221.44	19890122	04:30	198.36
19890105	04:30	230.63	19890122	06:30	221.44
19890105	13:30	221.44	19890122	11:30	249.93
19890105	14:30	218.44	19890122	15:30	256.64
19890106	06:30	230.63	19890123	09:30	284.93
19890106	14:30	233.76	19890123	15:30	292.38
19890106	22:30	233.76	19890123	22:30	292.38
19890107	06:30	240.12	19890124	04:30	303.84
19890107	14:30	240.12	19890124	15:30	303.84
19890108	00:30	246.62	19890125	11:30	311.68
19890108	01:30	323.74	19890125	15:30	311.68
19890108	02:30	243.36	19890126	08:30	319.68
19890108	14:30	249.93	19890126	15:30	323.74
19890109	11:30	260.04	19890126	22:30	319.68
19890109	14:30	263.49	19890127	04:30	331.99
19890109	20:30	266.97	19890127	15:30	327.85
19890110	14:30	260.04	19890128	03:30	315.66
19890111	02:30	253.26	19890128	14:30	299.98
19890111	11:30	260.04	19890128	15:30	288.64
19890111	14:30	263.49	19890129	04:30	256.64
19890112	00:30	274.04	19890129	13:30	246.62
19890112	09:30	284.93	19890129	15:30	236.93
19890112	14:30	288.64	19890130	08:30	230.63
19890112	15:30	299.98	19890130	15:30	224.47
19890112	16:30	260.04	19890131	06:30	230.63
19890113	15:30	263.49	19890131	14:30	246.62
19890114	06:30	274.04	19890131	15:30	236.93
19890114	15:30	270.49	19890131	22:30	240.12
19890115	11:30	284.93	19890201	04:30	260.04
19890115	15:30	284.93	19890201	12:30	277.63
19890116	15:30	277.63	19890201	15:30	274.04
19890117	06:30	266.97	19890201	23:30	288.64

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Date	Time	Discharge	Date	Time	Discharge
19890202	14:30	319.68	19890220	14:30	737.33
19890202	15:30	307.74	19890220	15:30	698.78
19890202	22:30	307.74	19890221	14:30	683.81
19890203	03:30	323.74	19890221	15:30	669.11
19890203	12:30	344.67	19890222	06:30	654.66
19890203	15:30	336.18	19890222	15:30	640.45
19890203	22:30	336.18	19890223	07:30	654.66
19890204	05:30	353.34	19890223	14:30	669.11
19890204	14:30	375.78	19890223	15:30	647.52
19890204	15:30	357.74	19890224	12:30	669.11
19890204	23:30	366.67	19890224	15:30	654.66
19890205	14:30	380.40	19890225	15:30	654.66
19890205	15:30	366.67	19890226	03:30	669.11
19890205	22:30	371.20	19890226	15:30	661.85
19890206	06:30	394.53	19890227	03:30	706.36
19890206	14:30	414.03	19890227	12:30	729.49
19890206	15:30	399.34	19890227	15:30	683.81
19890207	15:30	404.19	19890228	02:30	706.36
19890208	06:30	419.02	19890228	11:30	729.49
19890208	15:30	419.02	19890228	15:30	669.11
19890209	11:30	439.47	19890301	09:30	729.49
19890209	15:30	439.47	19890301	14:30	691.26
19890210	03:30	449.99	19890301	15:30	661.85
19890210	14:30	471.63	19890302	09:30	683.81
19890210	15:30	466.15	19890302	15:30	661.85
19890211	07:30	499.85	19890303	12:30	647.52
19890211	15:30	517.41	19890303	15:30	606.02
19890212	04:30	573.09	19890304	12:30	592.67
19890212	14:30	633.45	19890304	15:30	573.09
19890212	15:30	626.50	19890305	10:30	592.67
19890213	07:30	691.26	19890305	15:30	541.60
19890213	15:30	714.00	19890305	20:30	560.32
19890214	11:30	753.22	19890306	14:30	547.78
19890214	15:30	737.33	19890306	15:30	517.41
19890214	22:30	753.22	19890307	01:30	541.60
19890215	06:30	777.57	19890307	14:30	523.38
19890215	14:30	785.82	19890307	15:30	494.10
19890215	15:30	761.27	19890308	01:30	517.41
19890216	15:30	745.24	19890308	14:30	494.10
19890216	22:30	737.33	19890308	15:30	466.15
19890217	04:30	761.27	19890309	01:30	488.40
19890217	15:30	761.27	19890309	14:30	477.17
19890218	06:30	785.82	19890309	15:30	455.32
19890218	14:30	777.57	19890310	02:30	482.76
19890218	15:30	761.27	19890310	14:30	482.76
19890219	09:30	785.82	19890310	15:30	460.71
19890219	15:30	737.33	19890310	21:30	477.17
19890220	02:30	761.27	19890311	03:30	499.85

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Date	Time	Discharge	Date	Time	Discharge
19890311	13:30	523.38	19890326	14:30	1155.36
19890311	15:30	494.10	19890326	15:30	1110.96
19890311	21:30	523.38	19890326	22:30	1036.53
19890312	06:30	560.32	19890327	08:30	1067.93
19890312	14:30	566.67	19890327	10:30	1144.13
19890312	15:30	535.47	19890327	11:30	1201.18
19890312	21:30	573.09	19890327	12:30	1260.47
19890313	04:30	612.79	19890327	14:30	1373.08
19890313	14:30	612.79	19890327	15:30	1334.69
19890313	15:30	586.09	19890327	22:30	1309.57
19890313	20:30	626.50	19890328	02:30	1386.07
19890314	09:30	691.26	19890328	14:30	1412.35
19890314	14:30	669.11	19890328	15:30	1347.39
19890314	15:30	640.45	19890328	22:30	1297.16
19890314	20:30	691.26	19890329	03:30	1373.08
19890315	04:30	753.22	19890329	14:30	1439.03
19890315	11:30	785.82	19890329	15:30	1386.07
19890315	15:30	737.33	19890329	22:30	1334.69
19890315	22:30	777.57	19890330	14:30	1334.69
19890316	01:30	828.14	19890330	15:30	1284.83
19890316	12:30	863.29	19890331	08:30	1224.62
19890316	15:30	811.00	19890331	15:30	1260.47
19890316	22:30	836.82	19890401	11:30	1272.61
19890317	02:30	890.43	19890401	15:30	1284.83
19890317	14:30	890.43	19890401	22:30	1297.16
19890317	15:30	845.57	19890402	01:30	1399.16
19890317	22:30	872.27	19890402	11:30	1386.07
19890318	02:30	918.25	19890402	15:30	1297.16
19890318	14:30	899.63	19890402	22:30	1297.16
19890318	15:30	881.31	19890403	01:30	1373.08
19890319	04:30	927.67	19890403	09:30	1386.07
19890319	15:30	908.90	19890403	15:30	1297.16
19890319	22:30	918.25	19890403	22:30	1284.83
19890320	04:30	956.41	19890404	01:30	1386.07
19890320	15:30	946.75	19890404	09:30	1479.79
19890321	15:30	956.41	19890404	14:30	1373.08
19890322	06:30	975.96	19890404	15:30	1322.08
19890322	14:30	1005.88	19890404	23:30	1334.69
19890322	15:30	975.96	19890405	05:30	1412.35
19890323	01:30	995.83	19890405	14:30	1399.16
19890323	14:30	1036.53	19890405	15:30	1347.39
19890323	15:30	1005.88	19890405	22:30	1360.19
19890324	09:30	1046.91	19890406	01:30	1466.10
19890324	15:30	1110.96	19890406	08:30	1521.47
19890325	05:30	1078.56	19890406	09:30	1728.57
19890325	15:30	1078.56	19890406	10:30	1535.57
19890325	21:30	1046.91	19890406	15:30	1439.03
19890326	08:30	1067.93	19890406	22:30	1521.47



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Date	Time	Discharge	Date	Time	Discharge
19890406	23:30	1622.39	19890413	18:30	5389.89
19890407	02:30	1728.57	19890413	20:30	5585.57
19890407	08:30	1759.91	19890414	06:30	5585.57
19890407	10:30	1713.07	19890414	10:30	5313.17
19890407	14:30	1622.39	19890414	13:30	5506.63
19890407	15:30	1564.09	19890414	15:30	5313.17
19890407	22:30	1593.02	19890414	16:30	5313.17
19890408	00:30	1713.07	19890414	17:30	3952.72
19890408	05:30	1807.77	19890414	18:30	3229.24
19890408	09:30	1775.75	19890414	19:30	2909.55
19890408	15:30	1637.23	19890414	20:30	2637.38
19890408	22:30	1667.24	19890414	21:30	2488.27
19890408	23:30	1744.19	19890414	23:30	2572.62
19890409	02:30	1873.18	19890415	01:30	2530.16
19890409	03:30	2385.94	19890415	02:30	2862.69
19890409	04:30	1992.20	19890415	03:30	2385.94
19890409	11:30	1940.48	19890415	06:30	2210.24
19890409	15:30	1807.77	19890415	07:30	2098.96
19890409	22:30	1889.83	19890415	10:30	1940.48
19890410	03:30	2045.03	19890415	11:30	1775.75
19890410	07:30	2172.63	19890415	12:30	1728.57
19890410	14:30	2267.61	19890415	13:30	1622.39
19890410	15:30	2267.61	19890415	14:30	1578.50
19890410	20:30	2446.92	19890415	15:30	1439.03
19890411	00:30	2594.07	19890415	17:30	1322.08
19890411	04:30	2770.79	19890415	18:30	1260.47
19890411	08:30	2957.01	19890415	20:30	1166.68
19890411	12:30	3153.09	19890415	23:30	1078.56
19890411	15:30	3385.95	19890416	03:30	995.83
19890411	19:30	3604.28	19890416	09:30	908.90
19890411	22:30	3804.41	19890416	15:30	854.40
19890412	01:30	4013.32	19890417	02:30	794.14
19890412	04:30	4263.19	19890417	08:30	737.33
19890412	07:30	4425.56	19890417	15:30	706.36
19890412	15:30	4168.07	19890417	23:30	661.85
19890412	17:30	3922.69	19890418	05:30	606.02
19890412	18:30	4136.75	19890418	09:30	566.67
19890412	19:30	4661.14	19890418	15:30	554.02
19890412	21:30	4942.53	19890419	00:30	535.47
19890413	02:30	5275.13	19890419	06:30	488.40
19890413	07:30	4942.53	19890419	15:30	477.17
19890413	10:30	5199.72	19890420	04:30	444.70
19890413	12:30	5051.48	19890420	13:30	444.70
19890413	13:30	5389.89	19890420	15:30	455.32
19890413	14:30	5746.17	19890420	22:30	429.15
19890413	15:30	5389.89	19890421	15:30	424.06
19890413	16:30	5705.68	19890421	22:30	404.19
19890413	17:30	5869.02	19890422	01:30	444.70

Moose River

Date	Time	Discharge	Date	Time	Discharge
19890422	03:30	424.06	19890503	15:30	184.93
19890422	06:30	399.34	19890504	15:30	184.93
19890422	15:30	385.06	19890505	01:30	190.21
19890422	21:30	389.78	19890505	07:30	201.13
19890423	04:30	362.18	19890505	11:30	187.56
19890423	15:30	327.85	19890505	15:30	184.93
19890424	02:30	311.68	19890506	07:30	179.77
19890424	13:30	292.38	19890506	15:30	174.73
19890424	15:30	292.38	19890506	19:30	172.25
19890425	06:30	266.97	19890506	23:30	190.21
19890425	14:30	270.49	19890507	04:30	192.90
19890425	15:30	281.26	19890507	10:30	169.79
19890426	03:30	296.16	19890507	15:30	169.79
19890426	11:30	311.68	19890507	22:30	167.37
19890426	14:30	348.99	19890508	05:30	177.23
19890426	15:30	331.99	19890508	11:30	179.77
19890426	22:30	331.99	19890508	14:30	160.26
19890427	03:30	366.67	19890508	15:30	157.95
19890427	05:30	336.18	19890508	18:30	157.95
19890427	12:30	331.99	19890508	20:30	167.37
19890427	15:30	327.85	19890508	23:30	184.93
19890427	21:30	311.68	19890509	01:30	167.37
19890428	03:30	296.16	19890509	04:30	155.66
19890428	12:30	292.38	19890509	07:30	174.73
19890428	15:30	288.64	19890509	10:30	187.56
19890428	22:30	281.26	19890509	11:30	153.40
19890429	05:30	292.38	19890509	15:30	148.96
19890429	07:30	303.84	19890509	20:30	144.62
19890429	09:30	299.98	19890509	23:30	153.40
19890429	11:30	311.68	19890510	02:30	155.66
19890429	13:30	281.26	19890510	08:30	164.97
19890429	15:30	256.64	19890510	10:30	177.23
19890429	22:30	249.93	19890510	11:30	146.77
19890430	05:30	270.49	19890510	15:30	144.62
19890430	12:30	256.64	19890510	22:30	136.24
19890430	15:30	236.93	19890511	02:30	155.66
19890430	22:30	221.44	19890511	06:30	144.62
19890501	01:30	233.76	19890511	11:30	138.30
19890501	05:30	227.53	19890511	12:30	144.62
19890501	08:30	240.12	19890511	16:30	136.24
19890501	12:30	221.44	19890511	20:30	122.52
19890501	15:30	215.48	19890512	16:30	118.80
19890501	22:30	203.94	19890513	10:30	122.52
19890502	07:30	221.44	19890513	16:30	128.25
19890502	12:30	206.78	19890514	08:30	132.20
19890502	15:30	198.36	19890514	16:30	138.30
19890502	22:30	192.90	19890515	11:30	144.62
19890503	14:30	190.21	19890515	16:30	142.49

Moose River

Date	Time	Discharge	Date	Time	Discharge
19890516	16:30	140.38	19890606	16:30	103.20
19890516	23:30	130.22	19890606	23:30	96.81
19890517	14:30	126.32	19890607	14:30	101.57
19890517	16:30	126.32	19890607	16:30	99.96
19890518	16:30	126.32	19890607	23:30	92.23
19890519	15:30	128.25	19890608	15:30	96.81
19890519	16:30	122.52	19890608	16:30	95.26
19890519	22:30	118.80	19890609	00:30	92.23
19890520	15:30	120.65	19890609	16:30	90.74
19890520	16:30	115.18	19890609	23:30	83.59
19890520	23:30	108.21	19890610	16:30	86.39
19890521	12:30	116.98	19890611	02:30	82.21
19890521	16:30	124.41	19890611	16:30	82.21
19890521	23:30	128.25	19890612	03:30	78.20
19890522	04:30	134.21	19890612	16:30	78.20
19890522	15:30	140.38	19890612	23:30	75.61
19890522	16:30	136.24	19890613	14:30	79.52
19890522	23:30	126.32	19890613	16:30	78.20
19890523	16:30	122.52	19890613	23:30	76.89
19890523	23:30	115.18	19890614	10:30	79.52
19890524	10:30	124.41	19890614	16:30	84.98
19890524	15:30	130.22	19890614	23:30	76.89
19890524	16:30	124.41	19890615	11:30	80.86
19890525	16:30	126.32	19890615	16:30	82.21
19890525	23:30	116.98	19890615	23:30	71.85
19890526	16:30	115.18	19890616	10:30	74.34
19890527	16:30	118.80	19890616	15:30	74.34
19890527	23:30	120.65	19890616	16:30	70.63
19890528	05:30	128.25	19890616	22:30	68.25
19890528	16:30	126.32	19890617	07:30	67.08
19890529	09:30	120.65	19890617	15:30	70.63
19890529	16:30	118.80	19890617	16:30	68.25
19890529	23:30	115.18	19890617	23:30	63.67
19890530	08:30	122.52	19890618	16:30	64.79
19890530	16:30	130.22	19890618	23:30	59.33
19890530	23:30	128.25	19890619	13:30	61.47
19890531	05:30	134.21	19890619	16:30	61.47
19890531	16:30	132.20	19890619	23:30	55.24
19890531	23:30	122.52	19890620	05:30	61.47
19890601	16:30	120.65	19890620	09:30	70.63
19890602	00:30	116.98	19890620	16:30	68.25
19890602	16:30	111.65	19890620	23:30	59.33
19890603	16:30	111.65	19890621	15:30	62.56
19890604	04:30	106.52	19890621	16:30	61.47
19890604	16:30	108.21	19890622	16:30	62.56
19890605	16:30	108.21	19890622	23:30	57.26
19890605	23:30	101.57	19890623	12:30	62.56
19890606	15:30	106.52	19890623	16:30	67.08

Moose River

Date	Time	Discharge	Date	Time	Discharge
19890623	19:30	59.33	19890707	16:30	42.65
19890623	23:30	57.26	19890707	23:30	38.02
19890624	04:30	61.47	19890708	10:30	42.65
19890624	11:30	68.25	19890708	13:30	45.13
19890624	16:30	70.63	19890708	16:30	42.65
19890624	23:30	64.79	19890708	22:30	38.76
19890625	10:30	67.08	19890709	08:30	39.51
19890625	16:30	64.79	19890709	15:30	42.65
19890626	06:30	59.33	19890709	16:30	41.85
19890626	11:30	63.67	19890709	22:30	40.28
19890626	16:30	60.39	19890710	16:30	40.28
19890627	06:30	56.24	19890710	23:30	36.56
19890627	12:30	62.56	19890711	15:30	41.06
19890627	16:30	58.29	19890711	16:30	40.28
19890628	05:30	52.32	19890711	23:30	35.85
19890628	15:30	55.24	19890712	15:30	40.28
19890628	16:30	54.25	19890712	16:30	39.51
19890628	23:30	49.53	19890712	19:30	44.30
19890629	15:30	54.25	19890712	21:30	37.28
19890629	16:30	53.28	19890713	12:30	38.76
19890629	23:30	48.62	19890713	16:30	39.51
19890630	12:30	52.32	19890713	23:30	37.28
19890630	16:30	52.32	19890714	14:30	38.76
19890701	06:30	48.62	19890714	16:30	41.06
19890701	10:30	51.38	19890714	23:30	36.56
19890701	12:30	60.39	19890715	03:30	38.76
19890701	16:30	51.38	19890715	09:30	40.28
19890701	23:30	46.85	19890715	16:30	45.99
19890702	10:30	48.62	19890715	19:30	45.13
19890702	16:30	48.62	19890715	22:30	38.02
19890702	23:30	43.47	19890716	06:30	38.76
19890703	15:30	46.85	19890716	07:30	43.47
19890703	16:30	45.99	19890716	08:30	53.28
19890703	22:30	44.30	19890716	09:30	62.56
19890704	12:30	45.99	19890716	14:30	73.09
19890704	16:30	46.85	19890716	16:30	69.43
19890704	22:30	44.30	19890716	23:30	59.33
19890705	13:30	45.99	19890717	15:30	58.29
19890705	16:30	48.62	19890717	16:30	56.24
19890705	21:30	45.99	19890717	22:30	50.44
19890706	01:30	42.65	19890718	08:30	50.44
19890706	09:30	42.65	19890718	15:30	50.44
19890706	10:30	45.13	19890718	16:30	47.73
19890706	12:30	47.73	19890718	23:30	42.65
19890706	16:30	46.85	19890719	03:30	45.99
19890706	21:30	45.99	19890719	16:30	46.85
19890706	23:30	41.06	19890720	03:30	48.62
19890707	11:30	42.65	19890720	16:30	53.28

Moose River

Date	Time	Discharge	Date	Time	Discharge
19890720	23:30	53.28	19890803	16:30	134.21
19890721	12:30	57.26	19890803	19:30	151.17
19890721	16:30	57.26	19890803	20:30	128.25
19890721	19:30	61.47	19890803	23:30	120.65
19890721	22:30	53.28	19890804	08:30	124.41
19890722	05:30	56.24	19890804	15:30	126.32
19890722	11:30	61.47	19890804	16:30	120.65
19890722	16:30	65.92	19890804	23:30	108.21
19890723	03:30	56.24	19890805	08:30	111.65
19890723	16:30	61.47	19890805	10:30	122.52
19890723	23:30	65.92	19890805	14:30	113.41
19890724	07:30	76.89	19890805	16:30	111.65
19890724	13:30	89.27	19890805	23:30	101.57
19890724	16:30	95.26	19890806	07:30	99.96
19890724	23:30	101.57	19890806	16:30	99.96
19890725	04:30	113.41	19890806	23:30	90.74
19890725	09:30	122.52	19890807	12:30	95.26
19890725	11:30	138.30	19890807	15:30	99.96
19890725	16:30	140.38	19890807	16:30	93.74
19890725	23:30	128.25	19890808	00:30	90.74
19890726	07:30	126.32	19890808	16:30	89.27
19890726	14:30	138.30	19890808	23:30	80.86
19890726	16:30	136.24	19890809	16:30	83.59
19890726	21:30	126.32	19890809	23:30	79.52
19890727	16:30	118.80	19890810	12:30	83.59
19890727	23:30	108.21	19890810	16:30	84.98
19890728	13:30	116.98	19890810	23:30	84.98
19890728	16:30	111.65	19890811	13:30	90.74
19890728	22:30	104.85	19890811	16:30	89.27
19890729	15:30	108.21	19890811	23:30	90.74
19890729	16:30	111.65	19890812	07:30	83.59
19890730	07:30	111.65	19890812	11:30	95.26
19890730	16:30	120.65	19890812	16:30	84.98
19890730	23:30	116.98	19890812	22:30	75.61
19890731	16:30	118.80	19890813	08:30	75.61
19890801	13:30	120.65	19890813	14:30	83.59
19890801	16:30	126.32	19890813	16:30	80.86
19890801	21:30	132.20	19890813	20:30	80.86
19890802	03:30	142.49	19890813	22:30	70.63
19890802	07:30	128.25	19890814	09:30	70.63
19890802	11:30	134.21	19890814	15:30	74.34
19890802	13:30	148.96	19890814	16:30	70.63
19890802	16:30	144.62	19890814	23:30	63.67
19890802	20:30	138.30	19890815	03:30	67.08
19890803	01:30	136.24	19890815	11:30	67.08
19890803	07:30	128.25	19890815	14:30	70.63
19890803	11:30	132.20	19890815	16:30	68.25
19890803	14:30	138.30	19890815	23:30	61.47

Moose River

Date	Time	Discharge	Date	Time	Discharge
19890816	08:30	64.79	19890826	07:30	151.17
19890816	10:30	68.25	19890826	10:30	169.79
19890816	11:30	86.39	19890826	14:30	192.90
19890816	12:30	67.08	19890826	16:30	209.64
19890816	16:30	70.63	19890826	21:30	233.76
19890816	23:30	62.56	19890827	02:30	263.49
19890817	08:30	65.92	19890827	07:30	292.38
19890817	16:30	69.43	19890827	11:30	323.74
19890818	04:30	62.56	19890827	13:30	357.74
19890818	09:30	63.67	19890827	16:30	389.78
19890818	16:30	74.34	19890827	19:30	394.53
19890818	20:30	67.08	19890827	21:30	429.15
19890819	10:30	67.08	19890828	00:30	449.99
19890819	15:30	70.63	19890828	05:30	482.76
19890819	16:30	70.63	19890828	08:30	535.47
19890819	19:30	65.92	19890828	11:30	560.32
19890819	20:30	79.52	19890828	12:30	606.02
19890819	21:30	92.23	19890828	14:30	640.45
19890819	22:30	68.25	19890828	16:30	691.26
19890820	05:30	62.56	19890828	20:30	714.00
19890820	11:30	63.67	19890828	23:30	676.43
19890820	13:30	74.34	19890829	03:30	721.71
19890820	16:30	70.63	19890829	10:30	794.14
19890820	18:30	71.85	19890829	12:30	854.40
19890820	19:30	96.81	19890829	15:30	890.43
19890820	20:30	68.25	19890829	16:30	946.75
19890820	22:30	67.08	19890829	17:30	956.41
19890821	02:30	61.47	19890829	18:30	1452.51
19890821	10:30	63.67	19890829	19:30	1386.07
19890821	15:30	67.08	19890829	20:30	1297.16
19890821	16:30	63.67	19890829	21:30	1100.07
19890821	23:30	57.26	19890829	22:30	966.15
19890822	15:30	60.39	19890830	00:30	995.83
19890822	16:30	59.33	19890830	07:30	995.83
19890823	01:30	56.24	19890830	12:30	1089.27
19890823	11:30	58.29	19890830	16:30	1155.36
19890823	16:30	60.39	19890830	23:30	1144.13
19890823	22:30	59.33	19890831	06:30	1189.59
19890824	15:30	58.29	19890831	15:30	1272.61
19890824	16:30	61.47	19890831	16:30	1212.85
19890824	22:30	61.47	19890831	23:30	1189.59
19890825	14:30	63.67	19890901	02:30	1212.85
19890825	16:30	69.43	19890901	07:30	1166.68
19890825	20:30	79.52	19890901	14:30	1144.13
19890825	23:30	90.74	19890901	16:30	1212.85
19890826	01:30	103.20	19890901	18:30	1144.13
19890826	03:30	118.80	19890901	21:30	1189.59
19890826	05:30	134.21	19890901	22:30	1100.07

Moose River

Date	Time	Discharge	Date	Time	Discharge
19890902	09:30	1005.88	19890911	12:30	344.67
19890902	13:30	1067.93	19890911	16:30	340.40
19890902	16:30	1026.23	19890911	20:30	331.99
19890902	17:30	1399.16	19890911	21:30	344.67
19890902	18:30	1026.23	19890911	22:30	394.53
19890902	21:30	975.96	19890911	23:30	331.99
19890903	00:30	1016.02	19890912	03:30	303.84
19890903	03:30	946.75	19890912	16:30	288.64
19890903	07:30	899.63	19890913	05:30	284.93
19890903	13:30	890.43	19890913	11:30	277.63
19890903	16:30	937.17	19890913	16:30	284.93
19890903	21:30	863.29	19890913	20:30	284.93
19890904	03:30	802.54	19890914	12:30	266.97
19890904	13:30	769.38	19890914	16:30	274.04
19890904	16:30	761.27	19890914	23:30	260.04
19890904	23:30	698.78	19890915	11:30	270.49
19890905	04:30	706.36	19890915	16:30	277.63
19890905	11:30	669.11	19890915	23:30	263.49
19890905	16:30	676.43	19890916	02:30	274.04
19890906	02:30	612.79	19890916	12:30	277.63
19890906	10:30	586.09	19890916	16:30	274.04
19890906	16:30	592.67	19890916	19:30	274.04
19890906	23:30	573.09	19890917	07:30	274.04
19890907	05:30	586.09	19890917	14:30	288.64
19890907	09:30	547.78	19890917	16:30	292.38
19890907	16:30	529.39	19890917	23:30	299.98
19890907	23:30	499.85	19890918	05:30	315.66
19890908	04:30	541.60	19890918	14:30	331.99
19890908	07:30	494.10	19890918	16:30	331.99
19890908	10:30	529.39	19890918	23:30	331.99
19890908	14:30	499.85	19890919	08:30	348.99
19890908	16:30	482.76	19890919	16:30	357.74
19890908	20:30	477.17	19890919	23:30	357.74
19890909	00:30	511.50	19890920	10:30	371.20
19890909	03:30	482.76	19890920	16:30	380.40
19890909	04:30	626.50	19890921	04:30	385.06
19890909	05:30	482.76	19890921	13:30	399.34
19890909	10:30	471.63	19890921	16:30	404.19
19890909	16:30	455.32	19890921	23:30	389.78
19890909	21:30	449.99	19890922	05:30	404.19
19890910	05:30	404.19	19890922	16:30	394.53
19890910	11:30	389.78	19890923	08:30	371.20
19890910	13:30	424.06	19890923	16:30	371.20
19890910	16:30	399.34	19890924	02:30	353.34
19890910	22:30	385.06	19890924	16:30	353.34
19890911	01:30	409.08	19890925	03:30	348.99
19890911	02:30	362.18	19890925	13:30	336.18
19890911	06:30	327.85	19890925	16:30	331.99

Moose River

Date	Time	Discharge	Date	Time	Discharge
19890926	07:30	303.84			
19890926	16:30	303.84			
19890926	19:30	288.64			
19890927	04:30	281.26			
19890927	16:30	281.26			
19890928	02:30	266.97			
19890928	07:30	260.04			
19890928	14:30	270.49			



APPENDIX E

Listing of all Russian River Discharge Data

Russian River

Date	Time	Discharge	Date	Time	Discharge
19860804	16:00	161.33	19860827	06:00	199.97
19860804	19:30	159.61	19860827	12:30	213.88
19860805	16:00	159.61	19860827	16:00	220.01
19860805	23:00	166.57	19860827	19:30	228.32
19860806	15:00	161.33	19860827	20:00	256.52
19860806	16:00	161.33	19860828	16:00	252.06
19860807	08:30	154.49	19860829	04:00	245.46
19860807	16:00	156.19	19860829	16:00	241.11
19860808	09:30	152.81	19860830	01:00	230.42
19860808	14:00	161.33	19860830	16:00	222.07
19860808	16:00	161.33	19860831	11:00	209.86
19860809	09:30	166.57	19860831	16:00	205.87
19860809	16:00	164.81	19860901	05:30	201.93
19860810	03:30	171.90	19860901	16:00	199.97
19860810	16:00	168.34	19860902	04:00	190.35
19860811	16:00	166.57	19860902	16:00	184.71
19860812	06:00	163.07	19860903	02:30	181.00
19860812	16:00	163.07	19860903	16:00	177.33
19860813	06:30	159.61	19860904	04:00	170.12
19860813	16:00	161.33	19860904	16:00	168.34
19860814	07:30	151.13	19860905	11:00	159.61
19860814	15:30	156.19	19860905	16:00	159.61
19860814	16:00	152.81	19860906	06:00	156.19
19860815	16:00	152.81	19860906	13:00	159.61
19860816	08:00	146.17	19860906	16:00	156.19
19860816	15:30	152.81	19860907	07:00	149.47
19860816	16:00	149.47	19860907	15:00	152.81
19860817	06:30	141.30	19860907	16:00	144.54
19860817	16:00	146.17	19860907	19:30	130.30
19860818	03:30	139.70	19860907	20:30	127.25
19860818	16:00	138.11	19860907	21:00	147.82
19860819	16:00	138.11	19860908	01:30	151.13
19860820	08:00	131.84	19860908	06:00	166.57
19860820	16:00	136.53	19860908	13:30	171.90
19860821	06:30	130.30	19860908	16:00	175.51
19860821	12:00	136.53	19860909	05:00	192.26
19860821	16:00	136.53	19860909	09:00	192.26
19860822	16:00	133.39	19860909	09:30	217.95
19860823	16:00	134.95	19860909	11:00	230.42
19860824	15:00	138.11	19860909	13:30	236.80
19860824	16:00	141.30	19860909	16:00	228.32
19860825	09:00	138.11	19860909	24:00	211.86
19860825	16:00	138.11	19860910	10:30	199.97
19860826	09:30	138.11	19860910	15:30	201.93
19860826	14:00	152.81	19860910	16:00	196.09
19860826	16:00	156.19	19860911	08:30	188.46
19860826	21:00	171.90	19860911	16:00	188.46
19860827	01:30	188.46	19860912	09:00	179.16

Russian River

Date	Time	Discharge	Date	Time	Discharge
19860912	16:00	179.16	19861010	22:00	217.95
19860913	09:00	171.90	19861011	02:00	236.80
19860913	16:00	171.90	19861011	06:30	256.52
19860914	04:30	164.81	19861011	10:30	277.12
19860914	16:00	163.07	19861011	15:00	298.61
19860915	09:00	157.89	19861011	16:00	301.05
19860915	16:00	157.89	19861012	05:30	323.54
19860916	16:00	154.49	19861012	13:30	331.23
19860917	16:00	152.81	19861012	16:00	320.99
19860918	09:00	147.82	19861012	19:30	344.28
19860918	16:00	149.47	19861012	23:30	368.48
19860919	16:00	144.54	19861013	03:00	393.60
19860920	01:30	149.47	19861013	04:30	419.64
19860920	11:00	152.81	19861013	08:30	446.61
19860920	15:30	159.61	19861013	11:00	474.52
19860920	16:00	159.61	19861013	13:00	496.88
19860921	06:30	152.81	19861013	16:00	519.81
19860921	16:00	151.13	19861013	21:30	550.14
19860922	16:00	149.47	19861014	04:00	563.93
19860923	16:00	147.82	19861014	15:30	546.73
19860924	16:00	142.92	19861014	16:00	543.32
19860925	09:00	134.95	19861015	02:30	526.47
19860925	16:00	134.95	19861015	15:30	519.81
19860926	15:00	134.95	19861015	16:00	513.20
19860926	16:00	133.39	19861016	03:00	484.03
19860927	16:00	130.30	19861016	12:30	455.81
19860928	15:30	127.25	19861016	16:00	443.57
19860928	16:00	125.73	19861016	24:00	416.70
19860929	16:00	124.23	19861017	09:00	390.76
19860930	16:00	121.26	19861017	16:00	373.98
19861001	16:00	122.74	19861018	02:30	349.58
19861002	16:00	122.74	19861018	14:30	326.09
19861003	16:00	125.73	19861018	16:00	320.99
19861004	04:00	128.77	19861019	07:30	298.61
19861004	16:00	128.77	19861019	16:00	286.56
19861005	16:00	125.73	19861020	06:30	267.85
19861006	16:00	122.74	19861020	16:00	256.52
19861007	16:00	124.23	19861021	06:00	243.28
19861008	16:00	122.74	19861021	16:00	249.85
19861009	13:00	124.23	19861022	16:00	245.46
19861009	16:00	127.25	19861022	16:00	241.11
19861009	18:30	130.30	19870124	12:00	232.54
19861009	22:30	139.70	19870125	12:00	
19861010	02:00	152.81	19870126	12:00	
19861010	06:30	157.89	19870127	12:00	
19861010	10:00	173.70	19870128	12:00	
19861010	13:30	190.35	19870129	12:00	
19861010	16:00	199.97	19870130	12:00	

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Date	Time	Discharge	Date	Time	Discharge
19870131	12:00		19870320	12:00	
19870201	12:00		19870321	12:00	
19870202	12:00		19870322	12:00	
19870203	12:00		19870323	12:00	
19870204	12:00		19870324	12:00	
19870205	12:00		19870325	12:00	
19870206	12:00		19870326	12:00	
19870207	12:00		19870327	12:00	
19870208	12:00		19870328	12:00	
19870209	12:00		19870329	12:00	
19870210	12:00		19870330	12:00	
19870211	12:00		19870331	12:00	
19870212	12:00		19870401	12:00	
19870213	12:00		19870402	12:00	
19870214	12:00		19870403	12:00	
19870215	12:00		19870404	12:00	
19870216	12:00		19870405	12:00	
19870217	12:00		19870406	12:00	
19870218	12:00		19870407	12:00	
19870219	12:00		19870408	12:00	
19870220	12:00		19870409	12:00	
19870221	12:00		19870410	12:00	
19870222	12:00		19870411	12:00	
19870223	12:00		19870412	12:00	
19870224	12:00		19870413	12:00	
19870225	12:00		19870414	12:00	
19870226	12:00		19870415	12:00	
19870227	12:00		19870416	12:00	
19870228	12:00		19870417	12:00	
19870301	12:00		19870418	12:00	
19870302	12:00		19870419	12:00	
19870303	12:00		19870420	12:00	
19870304	12:00		19870421	12:00	
19870305	12:00		19870422	12:00	
19870306	12:00		19870423	12:00	
19870307	12:00		19870424	12:00	
19870308	12:00		19870425	12:00	
19870309	12:00		19870426	12:00	
19870310	12:00		19870427	12:00	
19870311	12:00		19870427	15:30	147.82
19870312	12:00		19870427	22:30	142.92
19870313	12:00		19870428	09:30	147.82
19870314	12:00		19870429	01:30	149.47
19870315	12:00		19870429	04:30	149.47
19870316	12:00		19870429	09:30	151.13
19870317	12:00		19870429	22:30	154.49
19870318	12:00		19870430	07:30	157.89
19870319	12:00		19870501	01:30	168.34

# Russian River

Date	Time	Discharge	Date	Time	Discharge
19870501	08:30	173.70	19870528	07:30	393.60
19870502	01:30	181.00	19870529	02:30	360.31
19870502	08:30	188.46	19870529	06:30	354.92
19870502	23:30	194.17	19870529	11:00	354.92
19870503	09:30	201.93	19870529	19:00	339.03
19870504	00:30	203.89	19870530	11:00	326.09
19870504	08:30	209.86	19870531	02:00	331.23
19870505	01:30	211.86	19870531	09:00	341.65
19870505	07:30	217.95	19870531	11:00	339.03
19870506	01:30	228.32	19870601	02:00	344.28
19870506	04:30	232.54	19870601	11:00	363.02
19870506	06:30	234.66	19870601	17:00	379.53
19870506	08:30	238.95	19870602	03:00	385.12
19870507	00:30	241.11	19870602	11:00	385.12
19870507	09:30	252.06	19870603	11:00	376.75
19870508	07:30	256.52	19870604	03:00	360.31
19870509	03:30	258.76	19870604	11:00	354.92
19870509	08:30	263.29	19870605	11:00	349.58
19870510	01:30	261.02	19870605	22:00	349.58
19870510	08:30	265.57	19870606	08:00	360.31
19870511	01:30	258.76	19870606	11:00	360.31
19870511	08:30	258.76	19870607	11:00	349.58
19870512	02:30	254.29	19870607	17:00	357.61
19870512	08:30	261.02	19870608	04:00	363.02
19870513	03:30	256.52	19870608	11:00	368.48
19870513	08:30	263.29	19870609	11:00	363.02
19870514	15:30	261.02	19870610	08:00	354.92
19870515	15:30	258.76	19870610	11:00	352.25
19870516	15:30	261.02	19870611	02:00	339.03
19870517	03:30	315.94	19870611	11:00	331.23
19870517	08:30	323.54	19870612	01:00	318.46
19870518	15:30	333.82	19870612	11:00	310.93
19870519	06:30	349.58	19870612	15:00	308.45
19870519	07:30	349.58	19870612	18:00	296.18
19870520	15:30	390.76	19870613	11:00	293.76
19870521	02:30	431.51	19870614	11:00	288.95
19870521	08:30	446.61	19870615	11:00	288.95
19870522	04:30	465.11	19870616	11:00	291.35
19870522	06:30	462.00	19870616	16:00	284.18
19870523	15:30	416.70	19870617	11:00	286.56
19870524	05:30	396.44	19870617	24:00	281.82
19870524	07:30	393.60	19870618	11:00	277.12
19870525	15:30	416.70	19870619	09:00	265.57
19870526	05:30	419.64	19870619	11:00	265.57
19870526	08:30	428.52	19870620	11:00	263.29
19870527	03:30	425.55	19870621	02:00	277.12
19870527	07:30	422.59	19870621	11:00	298.61
19870528	01:30	396.44	19870621	18:00	318.46

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Date	Time	Discharge	Date	Time	Discharge
19870622	10:00	339.03	19870714	11:00	247.65
19870622	11:00	336.42	19870715	11:00	243.28
19870622	17:00	349.58	19870716	11:00	245.46
19870622	24:00	344.28	19870716	18:00	254.29
19870623	11:00	341.65	19870717	05:00	258.76
19870624	04:00	336.42	19870717	11:00	272.47
19870624	11:00	328.66	19870717	20:00	291.35
19870624	24:00	313.43	19870718	04:00	298.61
19870625	09:00	303.51	19870718	11:00	308.45
19870625	11:00	301.05	19870718	18:00	318.46
19870625	21:00	293.76	19870719	04:00	313.43
19870626	10:00	284.18	19870719	11:00	310.93
19870626	11:00	286.56	19870719	19:00	318.46
19870627	08:00	274.79	19870720	08:00	323.54
19870627	11:00	277.12	19870720	11:00	323.54
19870627	24:00	284.18	19870720	15:00	333.82
19870628	11:00	288.95	19870721	07:00	339.03
19870628	20:00	293.76	19870721	11:00	341.65
19870629	02:00	301.05	19870721	16:00	344.28
19870629	10:00	313.43	19870722	04:00	331.23
19870629	11:00	318.46	19870722	16:00	331.23
19870629	15:00	336.42	19870723	02:00	326.09
19870629	24:00	354.92	19870723	12:00	323.54
19870630	07:00	360.31	19870723	15:00	331.23
19870630	11:00	371.23	19870723	16:00	326.09
19870701	11:00	365.75	19870723	23:00	323.54
19870701	18:00	357.61	19870724	07:00	308.45
19870701	20:00	382.32	19870724	16:00	305.97
19870702	04:00	357.61	19870725	16:00	308.45
19870702	11:00	346.93	19870726	11:00	313.43
19870703	05:00	323.54	19870726	16:00	310.93
19870703	11:00	318.46	19870727	11:00	315.94
19870703	24:00	305.97	19870727	16:00	313.43
19870704	11:00	298.61	19870728	11:00	318.46
19870704	23:00	291.35	19870728	15:00	323.54
19870705	11:00	291.35	19870728	16:00	313.43
19870705	23:00	284.18	19870729	12:00	320.99
19870706	11:00	281.82	19870729	16:00	326.09
19870707	11:00	277.12	19870730	06:00	315.94
19870708	10:00	272.47	19870730	11:00	315.94
19870708	11:00	270.15	19870730	15:00	326.09
19870709	01:00	265.57	19870730	16:00	318.46
19870709	11:00	261.02	19870731	04:00	310.93
19870709	23:00	256.52	19870731	16:00	301.05
19870710	11:00	254.29	19870801	05:00	296.18
19870711	11:00	256.52	19870801	16:00	286.56
19870712	11:00	256.52	19870802	03:00	281.82
19870713	11:00	252.06	19870802	16:00	272.47

Russian River

Date	Time	Discharge	Date	Time	Discharge
19870803	08:00	256.52	19870824	15:00	161.33
19870803	16:00	258.76	19870824	16:00	156.19
19870804	05:00	245.46	19870825	16:00	154.49
19870804	15:00	241.11	19870826	16:00	154.49
19870804	16:00	232.54	19870827	08:00	152.81
19870804	20:00	243.28	19870827	12:00	161.33
19870805	01:00	245.46	19870827	16:00	157.89
19870805	03:00	247.65	19870828	16:00	154.49
19870805	06:00	234.66	19870829	16:00	152.81
19870805	08:00	215.91	19870830	16:00	151.13
19870805	14:00	215.91	19870831	16:00	146.17
19870805	15:00	286.56	19870901	16:00	146.17
19870805	16:00	284.18	19870902	16:00	141.30
19870806	01:00	265.57	19870902	22:00	147.82
19870806	10:00	252.06	19870903	02:00	141.30
19870806	16:00	254.29	19870903	10:00	134.95
19870807	07:00	243.28	19870903	16:00	136.53
19870807	14:00	238.95	19870903	18:00	138.11
19870807	16:00	243.28	19870903	20:00	147.82
19870808	09:00	230.42	19870904	16:00	147.82
19870808	16:00	228.32	19870905	11:00	146.17
19870809	13:00	215.91	19870905	16:00	146.17
19870809	16:00	209.86	19870906	10:00	138.11
19870809	21:00	207.86	19870906	14:00	134.95
19870809	24:00	215.91	19870906	16:00	147.82
19870810	14:00	207.86	19870906	24:00	147.82
19870810	16:00	205.87	19870907	11:00	139.70
19870810	20:00	205.87	19870907	16:00	138.11
19870810	24:00	211.86	19870907	17:00	156.19
19870811	10:00	205.87	19870908	05:00	149.47
19870811	16:00	203.89	19870908	16:00	147.82
19870812	16:00	205.87	19870909	10:00	142.92
19870813	16:00	199.97	19870909	15:00	149.47
19870814	16:00	198.03	19870909	16:00	147.82
19870815	16:00	192.26	19870910	16:00	144.54
19870816	15:00	190.35	19870911	16:00	146.17
19870816	16:00	186.58	19870912	16:00	142.92
19870817	06:00	181.00	19870913	16:00	138.11
19870817	16:00	181.00	19870914	10:00	133.39
19870818	15:00	177.33	19870914	16:00	131.84
19870818	16:00	175.51	19870915	16:00	130.30
19870819	15:00	171.90	19870916	16:00	127.25
19870819	16:00	168.34	19870917	16:00	127.25
19870820	16:00	166.57	19870918	16:00	122.74
19870821	16:00	163.07	19870919	16:00	124.23
19870822	16:00	163.07	19870920	16:00	121.26
19870823	16:00	157.89	19870921	16:00	121.26
19870824	12:00	156.19	19870922	16:00	122.74

Russian River

Date	Time	Discharge	Date	Time	Discharge
19870922	21:00	128.77	19871009	02:25	425.55
19870923	05:00	142.92	19871009	03:25	440.53
19870923	08:00	156.19	19871009	05:25	462.00
19870923	12:00	171.90	19871009	07:25	487.22
19870923	16:00	184.71	19871009	10:25	513.20
19870923	24:00	196.09	19871009	13:25	543.32
19870924	16:00	196.09	19871009	15:25	574.40
19870925	12:00	188.46	19871009	19:25	606.44
19870925	16:00	186.58	19871009	22:25	639.46
19870926	16:00	181.00	19871010	00:25	673.45
19870927	13:00	177.33	19871010	02:25	708.42
19870927	16:00	173.70	19871010	04:25	740.33
19870928	03:00	170.12	19871010	07:25	773.03
19870928	16:00	168.34	19871010	13:25	793.87
19870929	11:00	161.33	19871010	15:25	793.87
19870929	16:00	163.07	19871010	23:25	756.58
19870930	04:00	156.19	19871011	05:25	720.30
19870930	14:00	168.34	19871011	11:25	685.00
19870930	16:00	171.90	19871011	15:25	658.22
19870930	24:00	188.46	19871011	19:25	632.04
19871001	07:00	205.87	19871012	00:25	599.24
19871001	16:00	211.86	19871012	05:25	570.90
19871002	10:00	215.91	19871012	09:25	543.32
19871002	16:00	234.66	19871012	15:25	513.20
19871003	01:00	249.85	19871012	21:25	484.03
19871003	16:00	249.85	19871013	03:25	458.90
19871004	08:00	238.95	19871013	09:25	434.51
19871004	16:00	236.80	19871013	15:25	410.85
19871005	01:00	226.22	19871014	01:25	385.12
19871005	15:00	220.01	19871014	05:25	368.48
19871005	16:00	215.91	19871014	15:25	349.58
19871006	12:00	203.89	19871015	00:25	341.65
19871006	16:00	199.97	19871015	10:25	320.99
19871007	10:00	192.26	19871015	15:25	305.97
19871007	15:25	196.09	19871016	03:25	286.56
19871007	20:25	192.26	19871016	13:25	270.15
19871007	23:25	203.89	19871016	15:25	270.15
19871008	03:25	220.01	19871016	21:25	256.52
19871008	06:25	238.95	19871017	09:25	249.85
19871008	08:25	258.76	19871017	15:25	243.28
19871008	11:25	277.12	19871018	08:25	228.32
19871008	14:25	298.61	19871018	15:25	228.32
19871008	15:25	308.45	19871019	09:25	232.54
19871008	17:25	326.09	19871019	15:25	236.80
19871008	19:25	349.58	19871020	05:25	234.66
19871008	21:25	371.23	19871020	15:25	226.22
19871008	22:25	385.12	19871021	04:25	228.32
19871009	00:25	407.95	19871021	05:25	232.54



Russian River

Date	Time	Discharge	Date	Time	Discharge
19871021	07:25	245.46	19871029	13:25	256.52
19871021	09:25	252.06	19871029	15:25	254.29
19871021	10:25	279.46	19871030	05:25	234.66
19871021	13:25	301.05	19871030	15:25	222.07
19871021	15:25	315.94	19871031	11:25	203.89
19871021	16:25	326.09	19871031	15:25	199.97
19871021	17:25	341.65	19871101	04:25	201.93
19871021	19:25	363.02	19871101	15:25	203.89
19871021	21:25	385.12	19871102	15:25	190.35
19871021	23:25	407.95	19871103	09:25	184.71
19871022	01:25	428.52	19871103	15:25	181.00
19871022	02:25	446.61	19871104	11:25	173.70
19871022	04:25	471.37	19871104	15:25	170.12
19871022	06:25	496.88	19871105	15:25	166.57
19871022	08:25	519.81	19871106	07:25	161.33
19871022	10:25	543.32	19871106	15:25	159.61
19871022	13:25	570.90	19871107	15:25	151.13
19871022	15:25	588.52	19871108	15:25	147.82
19871022	19:25	617.34	19871109	15:25	142.92
19871023	06:25	621.00	19871110	15:25	138.11
19871023	12:25	654.44	19871111	15:25	134.95
19871023	15:25	688.87	19871112	15:25	133.39
19871023	17:25	720.30	19871113	15:25	134.95
19871023	18:25	740.33	19871114	09:25	131.84
19871023	20:25	768.90	19871114	15:25	131.84
19871024	00:25	802.29	19871115	06:25	127.25
19871024	06:25	785.50	19871115	13:25	121.26
19871024	11:25	748.43	19871115	15:25	121.26
19871024	15:25	720.30	19871116	00:25	134.95
19871024	19:25	692.75	19871116	10:25	128.77
19871024	23:25	658.22	19871116	15:25	131.84
19871025	04:25	624.66	19871117	15:25	130.30
19871025	09:25	592.08	19871118	15:25	128.77
19871025	14:25	560.47	19871119	15:25	128.77
19871025	15:25	557.01	19871120	15:25	124.23
19871025	19:25	533.17	19871121	15:25	121.26
19871026	00:25	503.37	19871122	15:25	119.79
19871026	06:25	474.52	19871123	15:25	118.33
19871026	13:25	446.61	19871124	15:25	114.00
19871026	15:25	437.51	19871125	15:25	114.00
19871026	22:25	410.85	19871126	15:25	114.00
19871027	05:25	385.12	19871127	15:25	114.00
19871027	14:25	360.31	19871128	12:25	119.79
19871027	15:25	352.25	19871128	15:25	118.33
19871028	01:25	328.66	19871129	15:25	115.43
19871028	12:25	305.97	19871130	15:25	114.00
19871028	15:25	298.61	19871201	01:25	109.77
19871029	02:25	277.12	19871201	10:25	105.62

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Date	Time	Discharge	Date	Time	Discharge
19871201	15:25	106.99	19880102	15:25	97.59
19871202	15:25	108.37	19880103	15:25	91.17
19871203	15:25	108.37	19880104	15:25	92.43
19871204	15:25	105.62	19880105	13:25	94.99
19871205	15:25	102.90	19880105	15:25	94.99
19871206	08:25	100.23	19880106	09:25	97.59
19871206	15:25	97.59	19880106	15:25	100.23
19871207	15:25	102.90	19880107	06:25	104.26
19871208	05:25	106.99	19880107	15:25	109.77
19871208	15:25	105.62	19880108	04:25	116.87
19871209	15:25	105.62	19880108	15:25	115.43
19871210	15:25	102.90	19880109	15:25	116.87
19871211	15:25	102.90	19880110	15:25	115.43
19871212	15:25	102.90	19880111	13:25	112.58
19871213	15:25	98.90	19880111	15:25	112.58
19871214	08:25	96.29	19880112	15:25	108.37
19871214	15:25	93.71	19880113	15:25	109.77
19871215	15:25	93.71	19880114	15:25	
19871216	07:25	96.29	19880115	15:00	
19871216	15:25	100.23	19880116	15:00	
19871217	15:25	98.90	19880117	15:00	
19871218	14:25	97.59	19880118	15:00	
19871218	15:25	94.99	19880119	15:00	
19871219	07:25	98.90	19880120	15:00	
19871219	15:25	106.99	19880121	15:00	
19871220	11:25	111.17	19880122	15:00	
19871220	15:25	111.17	19880123	15:00	
19871221	14:25	108.37	19880124	15:00	
19871221	15:25	106.99	19880125	15:00	
19871222	07:25	104.26	19880126	15:00	
19871222	15:25	100.23	19880127	15:00	
19871223	01:25	102.90	19880128	15:00	
19871223	15:25	109.77	19880129	15:00	
19871224	03:25	114.00	19880130	15:00	
19871224	15:25	118.33	19880131	15:00	
19871225	15:25	118.33	19880201	15:00	
19871226	15:25	118.33	19880202	15:00	
19871227	11:25	114.00	19880203	15:00	
19871227	15:25	112.58	19880204	15:00	
19871228	12:25	109.77	19880205	15:00	
19871228	15:25	108.37	19880206	15:00	
19871229	15:25	108.37	19880207	15:00	
19871230	15:25	106.99	19880208	15:00	
19871231	09:25	104.26	19880209	15:00	
19871231	15:25	98.90	19880210	15:00	
19880101	10:25	94.99	19880211	15:00	
19880101	15:25	94.99	19880212	15:00	
19880102	09:25	98.90	19880213	15:00	

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Date	Time	Discharge	Date	Time	Discharge
19880214	15:00		19880403	15:00	
19880215	15:00		19880404	15:00	
19880216	15:00		19880405	15:00	
19880217	15:00		19880406	15:00	
19880218	15:00		19880407	15:00	
19880219	15:00		19880408	15:00	
19880220	15:00		19880409	15:00	
19880221	15:00		19880410	15:00	
19880222	15:00		19880411	15:00	
19880223	15:00		19880412	15:00	
19880224	15:00		19880413	15:00	
19880225	15:00		19880414	15:00	
19880226	15:00		19880415	15:00	
19880227	15:00		19880416	15:00	
19880228	15:00		19880417	15:00	
19880301	15:00		19880418	15:00	
19880302	15:00		19880419	15:00	
19880303	15:00		19880420	15:00	
19880304	15:00		19880421	15:00	
19880305	15:00		19880422	15:00	
19880306	15:00		19880423	15:00	
19880307	15:00		19880424	15:00	
19880308	15:00		19880425	15:00	
19880309	15:00		19880426	15:00	
19880310	15:00		19880427	15:00	
19880311	15:00		19880428	15:00	
19880312	15:00		19880429	15:00	
19880313	15:00		19880430	15:00	
19880314	15:00		19880501	15:00	
19880315	15:00		19880502	15:00	
19880316	15:00		19880503	15:00	
19880317	15:00		19880504	15:00	
19880318	15:00		19880505	15:00	
19880319	15:00		19880506	15:00	
19880320	15:00		19880507	15:00	
19880321	15:00		19880508	15:00	
19880322	15:00		19880509	15:00	
19880323	15:00		19880510	15:00	
19880324	15:00		19880511	15:00	
19880325	15:00		19880512	15:00	
19880326	15:00		19880513	15:00	
19880327	15:00		19880514	15:00	
19880328	15:00		19880515	15:00	
19880329	15:00		19880516	15:00	
19880330	15:00		19880517	15:00	
19880331	15:00		19880518	15:00	
19880401	15:00		19880519	15:00	
19880402	15:00		19880520	15:00	

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Date	Time	Discharge	Date	Time	Discharge
19880521	15:00		19880708	15:00	
19880522	15:00		19880709	15:00	
19880523	15:00		19880710	15:00	
19880524	15:00		19880711	15:00	
19880525	15:00		19880712	15:00	
19880526	15:00		19880713	15:00	
19880527	15:00		19880712	15:00	310.93
19880528	15:00		19880713	15:00	308.45
19880529	15:00		19880714	12:00	313.43
19880530	15:00		19880714	15:00	313.43
19880531	15:00		19880715	15:00	310.93
19880601	15:00		19880716	09:00	315.94
19880602	15:00		19880716	15:00	320.99
19880603	15:00		19880717	15:00	323.54
19880604	15:00		19880718	15:00	318.46
19880605	15:00		19880719	15:00	320.99
19880606	15:00		19880720	04:00	308.45
19880607	15:00		19880720	10:00	308.45
19880608	15:00		19880720	15:00	308.45
19880609	15:00		19880721	10:00	298.61
19880610	15:00		19880721	15:00	296.18
19880611	15:00		19880722	03:00	291.35
19880612	15:00		19880722	15:00	284.18
19880613	15:00		19880723	05:00	277.12
19880614	15:00		19880723	15:00	272.47
19880615	15:00		19880724	05:00	263.29
19880616	15:00		19880724	15:00	256.52
19880617	15:00		19880725	13:00	252.06
19880618	15:00		19880725	15:00	247.65
19880619	15:00		19880726	15:00	243.28
19880620	15:00		19880727	03:00	238.95
19880621	15:00		19880727	15:00	236.80
19880622	15:00		19880728	15:00	230.42
19880623	15:00		19880729	15:00	228.32
19880624	15:00		19880730	03:00	222.07
19880625	15:00		19880730	14:00	224.14
19880626	15:00		19880730	15:00	217.95
19880627	15:00		19880731	05:00	213.88
19880628	15:00		19880731	13:00	220.01
19880629	15:00		19880731	15:00	217.95
19880630	15:00		19880731	22:00	207.86
19880701	15:00		19880801	14:00	224.14
19880702	15:00		19880801	15:00	222.07
19880703	15:00		19880802	15:00	224.14
19880704	15:00		19880803	06:00	215.91
19880705	15:00		19880803	15:00	215.91
19880706	15:00		19880804	15:00	211.86
19880707	15:00		19880805	12:00	211.86

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Date	Time	Discharge	Date	Time	Discharge
19880805	15:00	215.91	19880826	10:00	241.11
19880806	13:00	220.01	19880826	11:00	315.94
19880806	15:00	220.01	19880826	15:00	305.97
19880807	12:00	226.22	19880827	08:00	291.35
19880807	15:00	224.14	19880827	15:00	291.35
19880808	09:00	217.95	19880828	10:00	277.12
19880808	15:00	215.91	19880828	15:00	274.79
19880809	10:00	220.01	19880829	09:00	258.76
19880809	15:00	217.95	19880829	15:00	254.29
19880810	01:00	209.86	19880830	11:00	243.28
19880810	07:00	198.03	19880830	15:00	241.11
19880810	08:00	199.97	19880831	06:00	232.54
19880810	10:00	217.95	19880831	15:00	232.54
19880810	15:00	215.91	19880901	15:00	228.32
19880811	08:00	220.01	19880902	09:00	213.88
19880811	13:00	228.32	19880902	15:00	213.88
19880811	15:00	234.66	19880903	11:00	199.97
19880812	15:00	230.42	19880903	15:00	199.97
19880813	09:00	220.01	19880904	05:00	192.26
19880813	15:00	217.95	19880904	15:00	194.17
19880814	07:00	205.87	19880905	08:00	182.85
19880814	15:00	203.89	19880905	15:00	182.85
19880815	09:00	194.17	19880906	09:00	179.16
19880815	14:00	198.03	19880906	13:00	184.71
19880815	15:00	192.26	19880906	15:00	181.00
19880816	03:00	188.46	19880907	04:00	168.34
19880816	12:00	192.26	19880907	15:00	170.12
19880816	15:00	188.46	19880907	18:00	175.51
19880817	06:00	184.71	19880908	08:00	166.57
19880817	13:00	188.46	19880908	15:00	163.07
19880817	15:00	192.26	19880909	04:00	159.61
19880818	13:00	190.35	19880909	15:00	159.61
19880818	15:00	192.26	19880910	02:00	152.81
19880819	12:00	196.09	19880910	08:00	146.17
19880819	15:00	196.09	19880910	12:00	146.17
19880820	15:00	196.09	19880910	13:00	186.58
19880821	15:00	199.97	19880910	15:00	175.51
19880822	05:00	217.95	19880910	19:00	168.34
19880822	14:00	232.54	19880910	23:00	179.16
19880822	15:00	228.32	19880911	15:00	177.33
19880823	01:00	224.14	19880912	09:00	181.00
19880823	15:00	217.95	19880912	13:00	190.35
19880824	10:00	203.89	19880912	15:00	188.46
19880824	15:00	201.93	19880913	15:00	186.58
19880825	09:00	194.17	19880914	15:00	184.71
19880825	15:00	201.93	19880915	15:00	181.00
19880826	01:00	215.91	19880916	07:00	175.51
19880826	07:00	224.14	19880916	15:00	175.51

Russian River

Date	Time	Discharge	Date	Time	Discharge
19880917	12:00	177.33	19881007	15:00	360.31
19880917	15:00	177.33	19881007	23:00	368.48
19880918	15:00	173.70	19881008	09:00	385.12
19880919	02:00	171.90	19881008	15:00	382.32
19880919	04:00	184.71	19881009	05:00	365.75
19880919	07:00	173.70	19881009	15:00	349.58
19880919	11:00	188.46	19881010	06:00	326.09
19880919	15:00	194.17	19881010	15:00	310.93
19880920	04:00	209.86	19881011	12:00	288.95
19880920	15:00	215.91	19881011	15:00	284.18
19880921	09:00	224.14	19881012	10:00	263.29
19880921	15:00	226.22	19881012	16:30	256.52
19880922	15:00	224.14	19881013	12:30	236.80
19880923	15:00	222.07	19881013	16:30	232.54
19880924	08:00	217.95	19881014	06:30	220.01
19880924	15:00	213.88	19881014	16:30	213.88
19880925	13:00	207.86	19881015	10:30	198.03
19880925	15:00	205.87	19881015	16:30	196.09
19880926	06:00	198.03	19881016	10:30	184.71
19880926	15:00	194.17	19881016	16:30	181.00
19880927	11:00	186.58	19881017	06:30	175.51
19880927	15:00	186.58	19881017	16:30	171.90
19880928	11:00	179.16	19881018	16:30	171.90
19880928	15:00	177.33	19881019	16:30	168.34
19880929	11:00	170.12	19881020	16:30	168.34
19880929	15:00	170.12	19881021	14:30	163.07
19880930	06:00	163.07	19881021	16:30	161.33
19880930	15:00	163.07	19881022	16:30	156.19
19881001	11:00	157.89	19881023	11:30	149.47
19881001	15:00	156.19	19881023	16:30	149.47
19881002	04:00	159.61	19881024	14:30	144.54
19881002	12:00	166.57	19881024	16:30	144.54
19881002	15:00	168.34	19881025	16:30	139.70
19881002	22:00	166.57	19881026	16:30	138.11
19881003	02:00	177.33	19881027	16:30	136.53
19881003	13:00	194.17	19881028	16:30	133.39
19881003	15:00	196.09	19881029	16:30	133.39
19881004	10:00	211.86	19881030	16:30	128.77
19881004	15:00	213.88	19881031	16:30	127.25
19881005	09:00	226.22	19881101	16:30	124.23
19881005	15:00	243.28	19881102	15:30	121.26
19881005	19:00	261.02	19881102	16:30	119.79
19881005	23:00	281.82	19881103	05:30	116.87
19881006	03:00	301.05	19881103	13:30	111.17
19881006	08:00	323.54	19881103	16:30	114.00
19881006	15:00	344.28	19881104	06:30	111.17
19881006	21:00	352.25	19881104	16:30	108.37
19881007	12:00	360.31	19881105	14:30	111.17

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Date	Time	Discharge	Date	Time	Discharge
19881105	16:30	112.58	19881209	16:30	104.26
19881106	15:30	116.87	19881210	15:30	106.99
19881106	16:30	115.43	19881210	16:30	108.37
19881107	16:30	114.00	19881211	00:30	114.00
19881108	16:30	114.00	19881211	09:30	118.33
19881109	16:30	112.58	19881211	16:30	125.73
19881110	16:30	109.77	19881212	07:30	139.70
19881111	16:30	108.37	19881212	16:30	141.30
19881112	05:30	105.62	19881213	12:30	138.11
19881112	16:30	104.26	19881213	16:30	134.95
19881113	04:30	108.37	19881213	22:30	134.95
19881113	16:30	106.99	19881214	01:30	142.92
19881114	16:30	106.99	19881214	16:30	141.30
19881115	16:30	106.99	19881215	16:30	144.54
19881116	16:30	104.26	19881216	01:30	141.30
19881117	16:30	102.90	19881216	06:30	154.49
19881118	16:30	102.90	19881216	11:30	164.81
19881119	04:30	98.90	19881216	16:30	163.07
19881119	15:30	92.43	19881217	05:30	171.90
19881119	16:30	92.43	19881217	16:30	173.70
19881120	05:30	100.23	19881218	16:30	177.33
19881120	16:30	104.26	19881219	16:30	177.33
19881121	16:30	104.26	19881220	14:30	168.34
19881122	16:30	101.56	19881220	16:30	168.34
19881123	03:30	98.90	19881221	06:30	154.49
19881123	16:30	96.29	19881221	16:30	151.13
19881124	04:30	93.71	19881222	06:30	147.82
19881124	16:30	89.91	19881222	16:30	141.30
19881125	09:30	94.99	19881223	05:30	138.11
19881125	16:30	94.99	19881223	16:30	130.30
19881126	16:30	96.29	19881224	12:30	121.26
19881127	16:30	97.59	19881224	16:30	121.26
19881128	13:30	94.99	19881225	10:30	130.30
19881128	16:30	93.71	19881225	16:30	130.30
19881129	16:30	96.29	19881226	16:30	128.77
19881130	16:30	96.29	19881227	16:30	125.73
19881201	16:30	91.17	19881228	16:30	122.74
19881202	16:30	92.43	19881229	03:30	118.33
19881203	07:30	96.29	19881229	16:30	111.17
19881203	16:30	96.29	19881230	16:30	112.58
19881204	02:30	102.90	19881231	13:30	115.43
19881204	16:30	101.56	19881231	16:30	116.87
19881205	16:30	101.56	19890101	16:30	115.43
19881206	16:30	96.29	19890102	06:30	109.77
19881207	16:30	96.29	19890102	16:30	105.62
19881208	12:30	101.56	19890103	16:30	102.90
19881208	16:30	100.23	19890103	21:30	106.99
19881209	08:30	102.90	19890104	01:30	118.33

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Date	Time	Discharge	Date	Time	Discharge
19890104	03:30	130.30	19890125	04:30	128.77
19890104	06:30	144.54	19890125	16:30	124.23
19890104	08:30	156.19	19890126	01:30	121.26
19890104	12:30	171.90	19890126	16:30	115.43
19890104	15:30	159.61	19890127	16:30	112.58
19890104	16:30	152.81	19890128	16:30	112.58
19890104	18:30	138.11	19890129	16:30	114.00
19890104	19:30	128.77	19890130	10:30	118.33
19890104	21:30	115.43	19890130	16:30	116.87
19890105	05:30	108.37	19890131	15:30	121.26
19890105	16:30	106.99	19890131	16:30	119.79
19890106	09:30	105.62	19890201	15:30	125.73
19890106	16:30	102.90	19890201	16:30	124.23
19890107	07:30	106.99	19890202	16:30	127.25
19890107	16:30	106.99	19890203	16:30	127.25
19890108	16:30	104.26	19890204	16:30	128.77
19890109	16:30	101.56	19890205	16:30	127.25
19890110	16:30	97.59	19890206	16:30	122.74
19890111	02:30	101.56	19890207	06:30	119.79
19890111	09:30	114.00	19890207	16:30	116.87
19890111	14:30	121.26	19890208	06:30	109.77
19890111	16:30	116.87	19890208	16:30	105.62
19890112	05:30	108.37	19890209	06:30	98.90
19890112	16:30	111.17	19890209	16:30	96.29
19890113	16:30	109.77	19890210	15:30	92.43
19890114	10:30	104.26	19890210	16:30	89.91
19890114	16:30	104.26	19890211	16:30	87.43
19890115	12:30	106.99	19890212	16:30	83.78
19890115	16:30	104.26	19890213	16:30	83.78
19890115	20:30	109.77	19890214	16:30	81.40
19890115	22:30	122.74	19890215	16:30	81.40
19890115	23:30	133.39	19890216	16:30	80.22
19890116	00:30	142.92	19890217	16:30	80.22
19890116	03:30	156.19	19890218	08:30	82.59
19890116	12:30	170.12	19890218	16:30	81.40
19890116	13:30	161.33	19890219	16:30	80.22
19890116	14:30	139.70	19890220	15:30	82.59
19890116	15:30	127.25	19890220	16:30	79.05
19890116	16:30	121.26	19890221	16:30	77.89
19890116	22:30	112.58	19890222	16:30	79.05
19890117	16:30	109.77	19890223	16:30	79.05
19890118	16:30	112.58	19890224	16:30	79.05
19890119	16:30	118.33	19890225	13:30	80.22
19890120	16:30	121.26	19890225	16:30	80.22
19890121	16:30	122.74	19890226	16:30	79.05
19890122	16:30	124.23	19890227	08:30	81.40
19890123	16:30	124.23	19890227	11:30	84.99
19890124	16:30	124.23	19890227	16:30	79.05



Russian River

Date	Time	Discharge	Date	Time	Discharge
19890228	07:30	81.40	19890329	16:30	72.24
19890228	10:30	83.78	19890330	16:30	72.24
19890228	14:30	77.89	19890331	16:30	72.24
19890228	16:30	76.74	19890401	11:30	74.47
19890301	16:30	76.74	19890401	16:30	74.47
19890302	16:30	74.47	19890402	16:30	74.47
19890302	21:30	81.40	19890403	16:30	74.47
19890302	22:30	87.43	19890404	16:30	74.47
19890302	23:30	93.71	19890405	14:30	76.74
19890303	00:30	101.56	19890405	16:30	75.60
19890303	02:30	112.58	19890406	13:30	77.89
19890303	06:30	108.37	19890406	16:30	76.74
19890303	07:30	100.23	19890407	14:30	79.05
19890303	09:30	89.91	19890407	16:30	77.89
19890303	13:30	80.22	19890408	13:30	80.22
19890303	16:30	77.89	19890408	16:30	80.22
19890304	16:30	76.74	19890409	13:30	82.59
19890305	16:30	76.74	19890409	16:30	81.40
19890306	16:30	75.60	19890410	10:30	83.78
19890307	16:30	75.60	19890410	16:30	83.78
19890308	16:30	74.47	19890411	15:30	88.67
19890309	16:30	74.47	19890411	16:30	87.43
19890310	13:30	76.74	19890412	11:30	89.91
19890310	16:30	74.47	19890412	16:30	91.17
19890311	16:30	73.35	19890413	12:30	93.71
19890312	16:30	72.24	19890413	16:30	93.71
19890313	16:30	71.14	19890414	12:30	96.29
19890314	16:30	70.04	19890414	16:30	96.29
19890315	15:30	72.24	19890415	11:30	101.56
19890315	16:30	68.96	19890415	16:30	102.90
19890316	12:30	71.14	19890416	11:30	105.62
19890316	16:30	70.04	19890416	16:30	106.99
19890317	14:30	72.24	19890417	15:30	111.17
19890317	16:30	70.04	19890417	16:30	109.77
19890318	16:30	71.14	19890418	16:30	108.37
19890319	16:30	71.14	19890419	16:30	108.37
19890320	16:30	71.14	19890420	16:30	111.17
19890321	16:30	73.35	19890421	09:30	115.43
19890322	16:30	71.14	19890421	16:30	116.87
19890323	16:30	71.14	19890422	06:30	121.26
19890324	08:30	73.35	19890422	16:30	125.73
19890324	16:30	74.47	19890423	03:30	131.84
19890325	16:30	75.60	19890423	15:30	141.30
19890326	16:30	75.60	19890423	16:30	139.70
19890327	16:30	75.60	19890424	05:30	146.17
19890328	16:30	74.47	19890424	16:30	147.82
19890329	08:30	70.04	19890425	07:30	159.61
19890329	15:30	74.47	19890425	16:30	166.57

# Russian River

Date	Time	Discharge	Date	Time	Discharge
19890426	11:30	182.85	19890516	13:15	222.07
19890426	16:30	184.71	19890517	07:15	224.14
19890427	09:30	201.93	19890517	12:15	230.42
19890427	15:30	207.86	19890517	13:15	224.14
19890427	16:30	201.93	19890518	04:15	215.91
19890428	00:30	220.01	19890518	13:15	211.86
19890428	05:30	234.66	19890519	11:15	207.86
19890428	09:30	254.29	19890519	13:15	203.89
19890428	13:30	272.47	19890520	13:15	201.93
19890428	16:30	288.95	19890521	09:15	205.87
19890428	19:30	310.93	19890521	13:15	207.86
19890428	22:30	331.23	19890521	22:15	213.88
19890429	03:30	354.92	19890522	08:15	220.01
19890429	11:30	371.23	19890522	13:15	217.95
19890429	16:30	363.02	19890523	13:15	213.88
19890430	05:30	352.25	19890524	13:15	209.86
19890430	15:30	339.03	19890525	02:15	205.87
19890430	16:30	331.23	19890525	13:15	203.89
19890501	15:30	328.66	19890526	03:15	199.97
19890501	16:30	323.54	19890526	13:15	201.93
19890502	16:30	323.54	19890527	09:15	201.93
19890502	23:30	328.66	19890527	13:15	203.89
19890503	09:30	349.58	19890528	00:15	215.91
19890503	16:30	349.58	19890528	13:15	215.91
19890503	23:30	352.25	19890529	08:15	220.01
19890504	05:30	365.75	19890529	13:15	222.07
19890504	16:30	363.02	19890530	08:15	234.66
19890505	07:30	357.61	19890530	12:15	238.95
19890505	16:30	341.65	19890530	13:15	232.54
19890506	12:30	320.99	19890531	04:15	238.95
19890506	16:30	310.93	19890531	13:15	236.80
19890507	08:30	298.61	19890601	07:15	241.11
19890507	16:30	288.95	19890601	13:15	243.28
19890508	16:30	281.82	19890601	20:15	238.95
19890509	16:30	281.82	19890602	13:15	232.54
19890510	02:30	274.79	19890602	19:15	241.11
19890510	15:30	270.15	19890603	05:15	243.28
19890510	16:30	265.57	19890603	12:15	263.29
19890511	01:30	256.52	19890603	13:15	267.85
19890511	16:30	254.29	19890603	18:15	286.56
19890512	05:30	249.85	19890603	22:15	305.97
19890512	13:15	243.28	19890604	03:15	328.66
19890512	21:15	238.95	19890604	12:15	344.28
19890513	13:15	234.66	19890604	13:15	341.65
19890514	13:15	236.80	19890605	01:15	336.42
19890515	12:15	232.54	19890605	13:15	328.66
19890515	13:15	230.42	19890606	04:15	308.45
19890516	12:15	226.22	19890606	12:15	310.93

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Date	Time	Discharge	Date	Time	Discharge
19890606	13:15	303.51	19890628	02:15	209.86
19890607	01:15	291.35	19890628	10:15	213.88
19890607	13:15	284.18	19890628	13:15	207.86
19890608	05:15	272.47	19890629	09:15	211.86
19890608	13:15	274.79	19890629	13:15	211.86
19890609	04:15	258.76	19890630	12:15	215.91
19890609	13:15	261.02	19890630	13:15	209.86
19890610	04:15	247.65	19890630	21:15	215.91
19890610	13:15	245.46	19890701	05:15	209.86
19890611	07:15	236.80	19890701	12:15	213.88
19890611	13:15	236.80	19890701	13:15	205.87
19890611	23:15	230.42	19890702	04:15	209.86
19890612	13:15	226.22	19890702	11:15	222.07
19890613	01:15	222.07	19890702	13:15	215.91
19890613	12:15	224.14	19890703	07:15	220.01
19890613	13:15	217.95	19890703	13:15	222.07
19890614	09:15	222.07	19890703	18:15	228.32
19890614	13:15	222.07	19890704	05:15	217.95
19890615	13:15	217.95	19890704	12:15	224.14
19890615	19:15	224.14	19890704	13:15	217.95
19890616	00:15	213.88	19890705	13:15	215.91
19890616	13:15	213.88	19890705	23:15	211.86
19890617	02:15	209.86	19890706	13:15	209.86
19890617	13:15	209.86	19890706	21:15	205.87
19890618	13:15	209.86	19890707	05:15	199.97
19890619	00:15	207.86	19890707	13:15	203.89
19890619	05:15	217.95	19890708	05:15	194.17
19890619	13:15	220.01	19890708	13:15	194.17
19890620	02:15	207.86	19890709	02:15	188.46
19890620	12:15	217.95	19890709	12:15	192.26
19890620	13:15	215.91	19890709	13:15	186.58
19890621	01:15	211.86	19890710	00:15	181.00
19890621	09:15	215.91	19890710	09:15	184.71
19890621	13:15	213.88	19890710	13:15	182.85
19890621	20:15	209.86	19890711	11:15	184.71
19890621	23:15	220.01	19890711	13:15	192.26
19890622	13:15	220.01	19890711	21:15	186.58
19890623	04:15	209.86	19890712	13:15	181.00
19890623	13:15	215.91	19890712	21:15	171.90
19890624	06:15	220.01	19890713	13:15	168.34
19890624	12:15	234.66	19890713	15:15	168.34
19890624	13:15	228.32	19890713	16:15	203.89
19890625	06:15	217.95	19890713	23:15	186.58
19890625	13:15	215.91	19890714	07:15	181.00
19890626	10:15	220.01	19890714	13:15	177.33
19890626	13:15	217.95	19890715	13:15	175.51
19890627	12:15	220.01	19890715	21:15	175.51
19890627	13:15	213.88	19890715	22:15	220.01

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Date	Time	Discharge	Date	Time	Discharge
19890716	03:15	201.93	19890809	16:15	177.33
19890716	13:15	186.58	19890810	00:15	163.07
19890716	23:15	177.33	19890810	13:15	161.33
19890717	13:15	173.70	19890811	10:15	159.61
19890718	13:15	171.90	19890811	13:15	164.81
19890719	13:15	170.12	19890812	04:15	156.19
19890720	02:15	177.33	19890812	13:15	156.19
19890720	13:15	175.51	19890813	01:15	152.81
19890721	13:15	173.70	19890813	13:15	154.49
19890722	13:15	170.12	19890814	13:15	151.13
19890722	23:15	166.57	19890815	13:15	147.82
19890723	13:15	164.81	19890816	13:15	146.17
19890724	06:15	171.90	19890817	13:15	144.54
19890724	13:15	175.51	19890818	13:15	144.54
19890724	22:15	192.26	19890819	13:15	139.70
19890725	12:15	205.87	19890820	13:15	141.30
19890725	13:15	201.93	19890821	12:15	141.30
19890725	22:15	198.03	19890821	13:15	136.53
19890726	06:15	192.26	19890822	13:15	134.95
19890726	13:15	188.46	19890823	03:15	131.84
19890727	08:15	181.00	19890823	09:15	131.84
19890727	13:15	179.16	19890823	12:15	139.70
19890728	05:15	171.90	19890823	13:15	136.53
19890728	12:15	179.16	19890823	22:15	133.39
19890728	13:15	173.70	19890824	10:15	130.30
19890728	19:15	170.12	19890824	13:15	133.39
19890729	13:15	173.70	19890825	03:15	134.95
19890729	17:15	182.85	19890825	07:15	141.30
19890729	23:15	166.57	19890825	13:15	154.49
19890730	11:15	168.34	19890825	18:15	168.34
19890730	13:15	181.00	19890825	22:15	184.71
19890730	19:15	181.00	19890826	01:15	201.93
19890730	21:15	196.09	19890826	03:15	215.91
19890731	10:15	181.00	19890826	05:15	230.42
19890731	13:15	179.16	19890826	07:15	243.28
19890801	13:15	181.00	19890826	09:15	258.76
19890802	13:15	177.33	19890826	11:15	274.79
19890803	13:15	170.12	19890826	13:15	284.18
19890804	12:15	168.34	19890826	17:15	303.51
19890804	13:15	163.07	19890826	22:15	315.94
19890805	13:15	161.33	19890827	01:15	296.18
19890806	13:15	159.61	19890827	11:15	281.82
19890807	13:15	161.33	19890827	12:15	363.02
19890808	13:15	157.89	19890827	13:15	368.48
19890808	20:15	154.49	19890827	20:15	344.28
19890809	01:15	147.82	19890828	13:15	349.58
19890809	13:15	149.47	19890828	20:15	341.65
19890809	15:15	152.81	19890829	09:15	331.23

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Date	Time	Discharge	Date	Time	Discharge
19890829	13:15	328.66	19890909	15:15	281.82
19890829	20:15	320.99	19890909	18:15	267.85
19890830	08:15	303.51	19890909	19:15	245.46
19890830	13:15	301.05	19890910	08:15	241.11
19890830	23:15	286.56	19890910	13:15	245.46
19890831	10:15	272.47	19890910	17:15	247.65
19890831	13:15	270.15	19890910	18:15	354.92
19890831	19:15	265.57	19890910	20:15	333.82
19890901	01:15	256.52	19890910	23:15	313.43
19890901	08:15	258.76	19890911	03:15	291.35
19890901	11:15	258.76	19890911	10:15	270.15
19890901	13:15	272.47	19890911	13:15	265.57
19890901	16:15	270.15	19890912	01:15	245.46
19890901	17:15	305.97	19890912	10:15	238.95
19890901	21:15	328.66	19890912	13:15	241.11
19890902	00:15	352.25	19890913	11:15	222.07
19890902	03:15	371.23	19890913	13:15	230.42
19890902	06:15	396.44	19890914	09:15	211.86
19890902	09:15	419.64	19890914	13:15	211.86
19890902	12:15	443.57	19890915	02:15	205.87
19890902	13:15	452.73	19890915	13:15	199.97
19890902	18:15	480.85	19890916	11:15	190.35
19890903	03:15	493.65	19890916	13:15	188.46
19890903	11:15	496.88	19890917	13:15	190.35
19890903	13:15	509.91	19890918	13:15	186.58
19890903	23:15	480.85	19890919	03:15	181.00
19890904	08:15	452.73	19890919	13:15	182.85
19890904	13:15	440.53	19890920	11:15	188.46
19890904	21:15	416.70	19890920	13:15	186.58
19890905	01:15	399.30	19890921	13:15	188.46
19890905	09:15	373.98	19890922	13:15	188.46
19890905	13:15	363.02	19890923	11:15	201.93
19890905	14:15	357.61	19890923	13:15	198.03
19890905	15:15	416.70	19890924	03:15	215.91
19890905	20:15	390.76	19890924	13:15	226.22
19890906	02:15	365.75	19890925	13:15	228.32
19890906	11:15	352.25	19890926	13:15	232.54
19890906	13:15	352.25			
19890907	03:15	328.66			
19890907	11:15	315.94			
19890907	13:15	315.94			
19890907	22:15	301.05			
19890908	10:15	284.18			
19890908	13:15	281.82			
19890908	23:15	263.29			
19890909	11:15	252.06			
19890909	12:15	243.28			
19890909	13:15	303.51			