TABLE 7.1

Summary of Discharge Measurements
St. Lawrence River
Ogdensburg Section
1867
Discharge Through Panel (Cubic Feet Per Second (CFS))

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Aug 3		16,720	22,081															
Aug 5									30,070									
Aug 7				32,416	34,817	34,145	31,914	30,054	29,116									
Aug 8	2,812	20,070	24,240	28,545														
Aug 9					35,184	34,270	34,270	32,252										
Aug 12			26,340	29,968														
Aug 17		16,737					31,167	27,800	25,382									
Aug 21										26,886	22,066	15,780	12,813	10,696		5,301	2,424	
Aug 22										23,792	19,902				9,541	2,857	1,129	
Aug 23										27,158	19,953	15,532	11,172	9,983	7,435			
Aug 24										23,803	20,120	14,250	11,714	9,669	8,076	4,796	2,251	
Sep 4													13,244	10,853	7,677	4,414	2,260	289
Sep 5										23,174	17,607	15,011						
Sep 6		15,700	25,093															
Sep 7			12,014	25,513	29,935	29,024												
Sep 11							27,525	27,071	29,375									
Sep 14							26,667	24,020	22,926									
Sep 16				30,180	37,340	31,030												
Sep 17	2,202	17,045	25,228															
Mean	2,507	17,254	22,499	29,324	34,319	32,117	30,109	28,239	27,374	24,962	19,930	15,143	12,236	10,300	8,182	4,342	2,017	289

TABLE 7.2

Summary of Discharge Measurements
St. Lawrence River
Ogdensburg Section
1868

Meas. No.	Date		Water Levels (Feet)	No. Of Observations	Discharge (TCFS)
1	Jun	15	3.23	5	256.3
2	Jun	16	3.24	5	268.2
3	Jun	17	3.35	5	263.9
4	Jun	18	3.27	10	285.5
5	Jun	23	3.28	8	259.7
6	Jun	24	3.11	4	265.8
7	Jun	25	3.22	6	263.5
8	Jun	26	3.38	9	278.4
9	Jun	29	3.17	4	278.0
10	Jun	30	3.31	5	267.2
11	Jul	1	3.28	4	268.4
12	Jul	2	3.25	23	269.8
13	Jul	3	3.31	9	273.4
14	Jul	7	3.12	2	274.3
15	Jul	8	3.17	4	266.9
16	Jul	9	3.12	5	290.7
17	Jul	10	3.20	7	300.2
18	Jul	11	3.21	2	289.7
19	Jul	13	3.23	4	271.3
20	Jul	14	3.23	4	269.7
21	Jul	15	3.23	6	276.5
22	Jul	20	2.87	2	243.7
23	Jul	21	3.02	5	262.1
24	Jul	22	2.91	4	281.9
25	Jul	23	2.80	2	284.5
26	Jul	24	3.04	3	278.9
27	Jul	25	2.88	2	265.4
28	Jul	27	2.96	22	268.9
29	Jul	28	2.99	10	278.0
30	Jul	29	2.92	2	273.3
31	Jul	31	2.91	3	271.3
32	Aug	3	2.95	6	282.7
33	Aug	4	2.77	3	283.7
34	Aug	5	2.77	7	254.7

TABLE 7.2
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Ogdensburg Section
1868

Meas. No.	Date		Water Levels (Feet)	No. Of Observations	Discharge (TCFS)
35	Aug	6	2.80	1	283.4
36	Aug	10	2.91	6	265.9
37	Aug	13	3.07	5	277.4
38	Aug	14	3.12	2	278.6
39	Aug	18	2.78	3	274.6
40	Aug	20	2.71	4	265.4
41	Aug	21	2.68	3	264.0
42	Aug	22	2.76	4	262.9
43	Aug	24	2.80	3	256.5
44	Aug	25	2.74	3	276.1
45	Aug	26	2.74	4	262.6
46	Aug	31	2.51	5	259.7
47	Sep	3	2.51	3	267.9
48	Sep	4	2.62	6	273.9
49	Sep	8	2.56	12	279.0
50	Sep	10	2.63	5	272.6
51	Sep	11	2.71	5	266.6
52	Sep	12	2.56	5	251.8
53	Sep	14	2.56	21	263.2

TABLE 7.3

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1900

Meas. No.	Date		Water Levels (Feet, 1903 Datum) Section Gauge	Discharge (TCFS)
1	Sep	26	226.50	220.75
2	Sep	27	226.40	222.56
3	Sep	27	226.37	222.91
4	Sep	28	226.38	219.31
5	Sep	28	226.33	220.60
6	Oct	1	226.18	217.73
7	Oct	3	226.32	219.06
8	Oct	4	226.40	223.46
9	Oct	5	226.43	222.63
10	Oct	9	225.99	217.36
11	Oct	10	225.89	215.88
12	Oct	11	226.07	219.02
13	Oct	12	226.16	220.77
14	Oct	16	---------	---------
15	Oct	17	225.89	217.30
16	Oct	18	226.37	223.40
17	Oct	19	225.65	209.11
18	Oct	22	225.90	214.66
19	Oct	23	225.77	213.03
20	Oct	24	225.96	217.42
21	Oct	25	225.40	208.01
22	Oct	26	225.81	212.43
23	Oct	29	225.73	210.24
24	Oct	30	224.39	189.11
25	Oct	31	225.53	209.59
26	Nov	1	226.03	215.46
27	Nov	2	226.43	223.31
28	Nov	3	225.66	211.38
29	Nov	8	225.64	212.25
30	Nov	10	226.34	221.28
31	Nov	12	225.92	216.35
32	Nov	14	225.61	215.01
33	Nov	23	226.47	224.29

TABLE 7.3
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1900

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Section Gauge	Discharge (TCFS)
34	Nov 27	225.19	207.16
35	Nov 28	225.45	207.51
36	Nov 30	225.92	218.20
37	Dec 4	225.75	215.05
38	Dec 5	225.71	214.97
39	Dec 6	226.19	222.64
40	Dec 7	226.40	226.96

TABLE 7.4

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1901

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Section Gauge	Discharge (TCFS)
1	Apr 29	227.58	243.11
2	Apr 29	227.56	244.99
3	Apr 30	227.48	242.53
4	Apr 30	227.56	243.63
5	May 3	227.37	241.88
6	May 3	227.43	240.82
7	May 6	227.34	239.92
8	May 6	227.42	245.90
9	May 6	227.48	245.60
10	May 7	227.55	246.20
11	May 7	227.61	249.71
12	May 7	227.64	249.39
13	May 8	227.41	243.73
14	May 8	227.44	241.40
15	May 8	227.48	243.99
16	May 9	227.39	243.84
17	May 9	227.37	244.12
18	May 9	227.41	242.62
19	May 10	227.29	240.04
20	May 10	227.33	242.76
21	May 10	227.41	243.59
22	May 14	227.75	247.32
23	May 14	227.69	248.42
24	May 14	227.67	244.70
25	May 15	227.61	242.19
26	May 15	227.66	243.92
27	May 15	227.68	248.22
28	May 16	227.54	244.82
29	May 16	227.60	246.30
30	May 16	227.60	246.84
31	Jun 18	227.43	245.62
32	Jun 18	227.56	244.28
33	Jun 18	227.56	244.35

TABLE 7.4
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1901

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Section Gauge	Discharge (TCFS)
34	Jun 19	227.50	244.46
35	Jun 19	227.58	246.21
36	Jun 19	227.72	245.26
37	Jun 20	227.48	241.70
38	Jun 20	227.51	244.53
39	Jun 20	227.64	241.74
40	Jun 21	227.61	246.08
41	Jun 21	227.68	245.34
42	Jun 21	227.74	248.12
43	Jun 22	227.49	242.45
44	Jun 22	227.50	248.91
45	Jun 24	227.74	245.89
46	Jun 24	227.73	246.97
47	Jun 24	227.77	248.15
48	Jun 25	227.71	248.09
49	Jun 25	227.71	248.55
50	Jun 25	227.67	248.08
51	Jun 26	227.61	246.27
52	Jun 26	227.63	245.73
53	Jun 26	227.62	244.85
54	Jul 2	227.90	244.75
55	Jul 2	227.99	246.22
56	Jul 3	227.62	238.54
57	Jul 3	227.56	237.86

TABLE 7.5

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1908

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Ogdensburg	Section	Discharge (TCFS)
1	Sep 21	246.08	228.47	266.0
2	Sep 22	245.85	228.25	260.5
3	Sep 22	245.82	228.13	259.4
4	Sep 23	245.89	228.23	264.7
5	Sep 23	245.94	228.30	268.2
6	Sep 24	245.89	228.23	262.8
7	Sep 24	245.86	228.20	260.8
8	Sep 24	245.90	228.20	260.4
9	Sep 25	245.82	228.13	263.6
10	Sep 25	245.86	228.16	262.3
11	Sep 26	245.80	228.13	263.4
12	Sep 26	245.83	228.15	262.3
13	Sep 26	245.88	228.21	262.9
14	Sep 26	245.90	228.18	262.3
15	Sep 28	245.75	228.04	258.3
16	Sep 28	245.79	228.11	259.4
17	Sep 28	245.88	228.22	261.2
18	Sep 29	246.13	228.67	269.4
19	Sep 29	246.28	228.72	271.7
20	Sep 30	245.79	228.14	259.8
21	Sep 30	245.84	228.22	263.8
22	Oct 1	246.07	228.49	267.4
23	Oct 1	246.16	228.59	270.3
24	Oct 1	246.17	228.64	270.9
25	Oct 2	245.78	228.09	258.3
26	Oct 2	245.78	228.06	260.3

* To convert levels on 1903 Datum to IGLD, 1955:
Ogdensburg gauge subtract 0.65;
Section gauge subtract 0.60.

TABLE 7.6

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1911

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Ogdensburg	Section	Discharge (TCFS)
1	Jun 7	244.54	226.53	225.9
2	Jun 7	244.49	226.45	224.7
3	Jun 10	244.75	226.77	229.3
4	Jun 14	244.84	226.93	230.5
5	Jun 14	244.92	226.99	232.2
6	Jun 15	244.75	226.84	232.2
7	Jun 15	244.87	226.92	233.8
8	Jun 15	244.90	226.97	230.6
9	Jun 16	244.77	226.83	230.7
10	Jun 16	244.77	226.83	232.7
11	Jun 16	244.80	226.86	230.8
12	Jun 16	244.79	226.86	231.6
13	Jun 19	244.83	226.93	231.6
14	Jun 19	244.83	226.97	233.3
15	Jun 19	244.87	227.04	233.7
16	Jun 19	244.97	227.18	235.6
17	Jun 20	244.77	226.81	229.2
18	Jun 20	244.65	226.71	228.3
19	Jun 20	244.62	226.63	229.1
20	Jun 20	244.63	226.65	226.9
21	Jun 21	244.72	226.72	226.1
22	Jun 21	244.66	226.71	227.4
23	Jun 21	244.66	226.67	227.3
24	Jun 21	244.67	226.72	228.8
25	Jun 22	244.77	226.85	231.4
26	Jun 22	244.79	226.87	233.8
27	Jun 22	244.75	226.83	228.9
28	Jun 22	244.67	226.76	227.7
29	Jun 23	244.69	226.72	233.8
30	Jun 23	244.56	226.60	232.0
31	Jun 23	244.56	226.56	228.5
32	Jun 23	244.59	226.61	226.8
33	Oct 7	243.47	224.82	199.3

TABLE 7.6
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1911

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Ogdensburg	Section	Discharge (TCFS)
34	Oct 7	243.42	224.84	198.6
35	Oct 7	243.46	224.88	201.6
36	Oct 9	243.88	225.58	210.1
37	Oct 9	243.83	225.53	209.1
38	Oct 9	243.82	225.50	210.3
39	Oct 9	243.81	225.48	207.4
40	Oct 10	243.67	225.26	206.1
41	Oct 10	243.70	225.31	208.4
42	Oct 10	243.77	225.38	209.7
43	Oct 11	243.69	225.31	208.4
44	Oct 11	243.73	225.32	209.7
45	Oct 11	243.75	225.36	209.7
46	Oct 11	243.81	225.41	209.6
47	Oct 13	243.52	225.05	204.1
48	Oct 13	243.63	225.13	208.4
49	Oct 13	243.74	225.27	206.7
50	Oct 14	243.67	225.28	208.6
51	Oct 14	243.72	225.30	205.0
52	Oct 14	243.69	225.29	210.3
53	Oct 14	243.76	225.36	211.4
54	Oct 16	243.73	225.31	210.7
55	Oct 16	243.77	225.34	209.2
56	Oct 16	243.69	225.26	206.2
57	Oct 16	243.70	225.25	206.0
58	Oct 17	243.57	225.07	204.6
59	Oct 17	243.59	225.10	205.2
60	Oct 17	243.73	225.25	207.4
61	Oct 17	243.78	225.30	207.9
62	Oct 18	243.90	225.61	212.1

TABLE 7.7

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1913

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Ogdensburg	Section	Discharge (TCFS)
1	Oct 4	245.26	227.58	242.1
2	Oct 4	245.27	227.60	244.1
3	Oct 7	245.23	227.55	239.8
4	Oct 8	245.31	227.61	242.2
5	Oct 8	245.24	227.56	242.5
6	Oct 8	245.26	227.57	240.5
7	Oct 9	245.29	227.58	241.7
8	Oct 9	245.30	227.60	242.4
9	Oct 9	245.25	227.56	243.5
10	Oct 10	245.25	227.53	241.7
11	Oct 10	245.21	227.53	242.3
12	Oct 11	245.28	227.62	243.9
13	Oct 11	245.46	227.84	247.5
14	Oct 13	245.32	227.63	242.1
15	Oct 14	245.07	227.33	240.1
16	Oct 14	245.17	227.40	240.4
17	Oct 16	245.03	227.28	238.2
18	Oct 16	245.10	227.32	238.2
19	Oct 16	245.09	227.33	237.2
20	Oct 18	245.01	227.23	239.4
21	Oct 18	245.27	227.53	245.3
22	Oct 20	245.05	227.16	239.8
23	Oct 20	245.25	227.44	246.0
24	Oct 22	245.11	227.40	244.3
25	Oct 22	245.13	227.41	242.0
26	Oct 23	245.31	227.64	248.3
27	Oct 23	245.45	227.84	252.6
28	Oct 24	245.20	227.55	242.8
29	Oct 24	245.16	227.49	243.2
30	Oct 25	245.23	227.56	247.1
31	Oct 25	245.18	227.47	242.8
32	Oct 25	244.97	227.24	237.7
33	Oct 27	245.09	227.44	242.1
34	Oct 27	245.30	227.53	240.1
35	Oct 27	245.15	227.50	240.6

TABLE 7.8

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1914

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Ogdensburg	Section	Discharge (TCFS)
1	Jul 12	246.00	228.52	257.2
2	Jul 16	245.80	228.30	254.7
3	Jul 20	245.85	228.37	254.1
4	Jul 20	245.86	228.39	256.5
5	Jul 20	245.93	228.52	258.0
6	Jul 22	245.68	228.23	247.3
7	Jul 23	245.69	228.19	250.9
8	Jul 23	245.80	228.30	254.4
9	Jul 23	245.83	228.34	252.6
10	Jul 28	245.22	227.56	240.6
11	Jul 28	245.22	227.53	240.9
12	Jul 29	245.37	227.70	243.4
13	Jul 29	245.21	227.59	241.8
14	Jul 29	245.36	227.65	243.6
15	Aug 28	244.98	227.21	235.0
16	Aug 28	244.91	227.13	234.3
17	Aug 29	245.05	227.28	238.8
18	Aug 29	244.92	227.14	232.3
19	Aug 29	244.65	226.88	230.1
20	Sep 1	245.25	227.58	245.6
21	Sep 1	245.31	227.63	243.0
22	Sep 1	245.24	227.57	242.1
23	Sep 8	245.18	227.45	242.3
24	Sep 8	245.29	227.55	245.7
25	Sep 9	245.07	227.30	240.9
26	Sep 9	245.12	227.33	240.4
27	Sep 9	245.17	227.40	245.3
28	Sep 11	245.04	227.25	238.5
29	Sep 11	244.97	227.19	236.8
30	Sep 11	244.95	227.17	236.3
31	Sep 12	244.80	226.92	234.0
32	Sep 12	244.85	226.93	233.8
33	Sep 13	244.34	226.25	220.2

TABLE 7.8
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1914

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Ogdensburg	Section	Discharge (TCFS)
34	Sep 13	244.24	226.18	218.6
35	Sep 13	244.30	226.21	221.1
36	Sep 14	244.44	226.35	221.3
37	Sep 14	244.37	226.34	222.2
38	Sep 16	244.30	226.28	221.2
39	Sep 17	244.53	226.49	226.0
40	Sep 17	244.64	226.68	227.3
41	Sep 27	244.37	226.38	224.2

TABLE 7.9

Summary of Discharge Measurements
St. Lawrence River
Iroquois Section
1914

Meas. No.	Date		Water Levels (Feet, 1903 Datum) Ogdensburg	Section	Discharge (TCFS)
1	Jul	6	245.68	228.16	252.9
2	Jul	6	245.66	228.14	256.1
3	Jul	7	245.63	228.13	254.9
4	Jul	7	245.70	228.16	251.8
5	Jul	10	245.53	227.98	250.6
6	Jul	10	245.62	228.05	251.8
7	Jul	10	245.68	228.12	253.0
8	Jul	11	245.72	228.16	252.1
9	Jul	11	245.67	228.15	252.3
10	Jul	11	245.73	228.19	252.0
11	Jul	11	245.74	228.21	259.2
12	Jul	21	245.78	228.26	256.5
13	Jul	21	245.71	228.18	252.2
14	Aug	3	245.11	227.46	243.3
15	Aug	3	245.23	227.50	242.7
16	Aug	3	245.18	227.53	243.6
17	Aug	3	245.28	227.56	242.6
18	Aug	17	245.24	227.51	238.2
19	Aug	17	245.21	227.54	243.4
20	Aug	17	245.27	227.57	238.5
21	Aug	17	245.26	227.58	239.5
22	Aug	18	245.58	227.95	246.5
23	Aug	18	245.41	227.89	244.8
24	Sep	2	245.33	227.71	245.9
25	Sep	2	245.32	227.67	241.8
26	Sep	2	245.37	227.71	247.7
27	Sep	2	245.35	227.72	245.0
28	Oct	19	244.37	226.37	224.2
29	Oct	19	244.50	226.48	226.6
30	Oct	20	244.49	226.58	224.6
31	Oct	20	244.51	226.60	227.5
32	Oct	20	244.63	226.71	225.5
33	Oct	20	244.66	226.74	233.3

TABLE 7.9
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Iroquois Section
1914

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Ogdensburg	Section	Discharge (TCFS)
34	Oct 21	244.61	226.76	230.3
35	Oct 21	244.69	226.82	229.1
36	Oct 21	244.82	226.94	232.2
37	Oct 21	244.82	226.95	230.1
38	Oct 22	244.43	226.46	224.3
39	Oct 22	244.40	226.37	225.3
40	Oct 22	244.26	226.25	223.3
41	Oct 22	244.31	226.25	220.2
42	Oct 23	244.30	226.27	221.5

TABLE 7.10

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1915

Meas. No.	Date		Water Levels (Feet, 1903 Datum) Section Gauge	Upper Gauge	Lock 25	Discharge (TCFS)
1	Jul	28	226.17		227.1	209.0
2	Aug	4	226.07		227.0	204.7
3	Aug	5	226.42		227.4	211.8
4	Aug	6	226.40		227.4	209.1
5	Aug	7	226.67		227.6	217.2
6	Aug	19	226.54		227.7	235.6
7	Aug	20	226.74			229.3
8	Aug	23	226.84	227.11		223.2
9	Aug	24	226.64	226.91		228.7
10	Aug	25	226.79	227.06		250.3
11	Aug	27	226.59	226.86		236.1
12	Aug	28	226.59	226.86		237.5
13	Aug	31	226.54	226.81		234.2
14	Sep	1	226.64	226.91		236.9
15	Sep	3	226.54	226.81		232.9
16	Sep	4	226.54	226.81		230.1
17	Sep	7	226.59	226.86		234.0
18	Sep	8	226.54	226.86		231.6
19	Sep	9	226.59	226.86		231.1
20	Sep	10	226.59	226.86		234.9
21	Sep	11	226.59	226.86		233.8
22	Sep	14	226.64	226.91		229.6
23	Sep	15	226.69	226.96		234.1
24	Sep	16	226.59	226.86		229.7
25	Sep	18	226.54	226.81		231.1
26	Sep	20	226.59	226.86		226.8
27	Sep	22	226.59	226.86		233.6
28	Sep	23	226.69	226.96		232.2
29	Sep	24	226.69	226.96		233.6
30	Sep	25	226.14	226.41		225.7

TABLE 7.10
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1915

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Section Gauge	Upper Gauge	Lock 25	Discharge (TCFS)
31	Sep 28	226.34	226.61		225.7
32	Sep 29	226.39	226.66		230.5
33	Sep 30	226.29	226.56		230.6
34	Oct 4	226.22	226.49		224.9
35	Oct 6	226.29	226.56		222.2
36	Oct 7	226.24	226.51		223.1
37	Oct 9	226.39	226.66		225.3
38	Oct 13	226.39	226.66	227.5	215.4
39	Oct 16	226.19	226.46	227.2	218.5
40	Oct 18	226.17	226.44	227.3	211.5
41	Oct 19	226.29	226.56	227.4	208.1
42	Oct 20	226.27	226.54	227.4	211.5
43	Oct 21	226.54	226.81	227.6	212.1
44	Oct 25	226.12	226.39	227.3	211.0
45	Oct 27	226.37	226.64	227.4	214.0
46	Oct 28	226.14	226.41	227.3	207.9
47	Nov 4	225.94	226.21	227.1	206.9
48	Nov 6	225.69	225.96	227.2	200.9
49	Nov 8	225.61	225.88	226.7	200.5
50	Nov 10	225.89	226.16	227.0	206.5
51	Nov 11	225.41	225.68	226.6	201.3
52	Nov 12	226.07	226.34	227.2	208.7
53	Nov 22	226.46	226.46	227.1	204.9
54	Nov 23	226.06	226.06	226.9	200.2
55	Nov 24	225.78	225.78	226.7	199.3
56	Nov 25	225.91	225.91	226.7	204.5
57	Nov 26	225.84	225.84	226.7	200.8
58	Nov 27	225.91	225.91	226.7	199.7
59	Dec 03	225.94	225.94	226.7	205.5
60	Dec 11	225.61	225.61	226.4	200.5

TABLE 7.11

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1916

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Section Gauge	Upper Gauge	Lock 25	Discharge (TCFS)
1	Jun 30	229.82	230.00	227.12	282.2
2	Jul 4	229.78	229.96	227.12	276.0
3	Jul 5	229.87	230.02	227.12	283.8
4	Jul 6	229.98	230.13	227.42	285.3
5	Jul 14	229.44	229.57	226.62	277.1
6	Jul 27	229.26	229.40	226.52	272.4
7	Jul 28	229.25	229.37	226.52	268.5
8	Jul 29	229.55	229.66	227.12	282.8
9	Aug 1	229.01	229.13	226.52	263.2
10	Aug 2	229.28	229.37	226.62	274.7
11	Aug 5	229.32	229.44	226.92	269.8
12	Aug 9	229.15	229.27	226.52	266.5
13	Aug 10	229.05	229.19	226.42	265.8
14	Aug 11	229.18	229.28	226.12	271.1
15	Aug 14	229.41	229.49	226.92	268.1
16	Aug 15	229.30	229.40	227.02	273.2
17	Aug 16	229.10	229.22	226.52	262.5
18	Aug 17	229.11	229.25	226.62	263.2
19	Aug 22	228.91	229.04	226.32	264.8
20	Aug 23	228.80	228.95	226.32	259.9
21	Aug 24	228.84	229.01	226.32	263.2
22	Sep 21	228.22	228.45	225.72	252.0
23	Sep 22	228.15	228.30	225.72	257.1
24	Sep 23	228.16	228.26	225.72	252.4
25	Sep 25	227.91	228.02	225.42	245.4
26	Sep 26	227.89	227.95	225.72	246.3
27	Sep 27	227.96	228.04	225.62	251.2
28	Sep 30	227.80	227.92	225.32	251.0
29	Oct 4	227.55	227.72	225.12	246.6
30	Oct 5	227.72	227.82	225.32	247.6
31	Oct 6	227.72	227.88	225.12	243.8
32	Oct 11	227.60	227.74	225.22	240.8
33	Oct 12	227.24	227.39	224.82	231.3

TABLE 7.11
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1916

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Section Gauge	Upper Gauge	Lock 25	Discharge (TCFS)
34	Oct 14	227.26	227.43	224.92	238.9
35	Oct 16-23	227.20	227.35	---------	234.4
36	Oct 24	227.24	227.38	224.92	233.1
37	Oct 25	227.06	227.20	224.82	237.6
38	Oct 27	227.18	227.33	224.92	234.5
39	Oct 28	227.21	227.34	224.82	235.2
40	Oct 30	227.17	227.32	224.82	238.3
41	Oct 31	226.98	227.12	224.42	235.0
42	Nov 2	227.28	227.44	224.82	235.6
43	Nov 3	227.25	227.39	224.72	238.1
44	Nov 4	226.89	226.97	224.32	235.0
45	Nov 6	226.90	226.98	224.62	227.3
46	Nov 7	226.89	226.99	224.62	237.4
47	Nov 8	227.13	227.26	224.82	234.0
48	Nov 10	227.29	227.44	225.12	236.8
49	Nov 14	227.36	226.41	224.02	227.3
50	Nov 15	227.51	226.57	223.92	225.9
51	Nov 16	227.85	226.95	224.30	237.6
52	Nov 17	227.88	226.95	224.40	231.6
53	Nov 18	227.92	227.02	224.72	232.9
54	Nov 20	227.63	226.68	224.22	225.9
55	Nov 22	227.75	226.79	224.52	234.7
56	Nov 23	227.61	226.69	224.12	225.2
57	Nov 27	227.36	227.49	224.62	230.0
58	Dec 14	226.51	226.61	224.22	226.4
59	Dec 15	226.44	226.51	224.12	218.5

TABLE 7.12

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1917

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Lower Gauge	Upper Gauge	Lock Gauge	Discharge (TCFS)
1	May 21	227.87	228.14	228.99	246.7
2	May 30	228.01	228.31	228.96	253.4
3	May 31	227.94	228.26	228.03	251.9
4	Jun 2	228.15	228.47	228.38	251.1
5	Jun 4	228.22	228.51	228.00	253.2
6	Jun 5	228.09	228.40	228.16	252.4
7	Jun 6	228.05	228.38	228.17	249.8
8	Jun 7	228.05	228.36	229.19	252.8
9	Jun 8	228.34	228.63	229.46	259.0
10	Jun 9	228.31	228.62	229.48	258.6
11	Jun 12	228.48	228.80	229.51	255.9
12	Jun 13	228.48	228.80	229.58	250.4
13	Jun 15	228.66	229.01	229.84	260.5
14	Jun 16	228.58	228.92	229.69	256.3
15	Jun 18	228.70	229.05	229.84	254.7
16	Jun 19	228.64	228.95	229.79	255.5
17	Jun 20	228.74	229.06	229.89	262.6
18	Jun 22	228.63	229.00	229.81	254.6
19	Jun 23	228.77	229.07	229.91	256.4
20	Jun 25	228.70	229.01	229.84	254.4
21	Jun 26	228.73	229.03	229.89	263.3
22	Jun 28	228.90	229.12	229.93	261.2
23	Jul 4	229.05	229.30	230.08	269.4
24	Jul 5	229.09	229.33	230.18	266.4
25	Jul 6	228.99	229.24	230.04	262.9
26	Jul 7	228.89	229.13	229.91	252.8
27	Jul 9	229.12	229.36	230.17	262.8
28	Jul 12	229.17	229.40	230.27	267.7
29	Jul 13	229.35	229.59	230.39	265.9
30	Jul 14	229.35	229.57	230.41	270.7
31	Jul 16	229.40	229.62	230.45	269.2
32	Jul 17	229.26	229.49	230.26	269.9
33	Jul 18	229.34	229.55	230.38	271.5

TABLE 7.12
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1917

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Lower Gauge	Upper Gauge	Lock Gauge	Discharge (TCFS)
34	Jul 19	229.39	229.61	230.48	268.6
35	Jul 20	229.36	229.58	230.48	267.5
36	Jul 21	229.31	229.55	230.36	267.5
37	Jul 23	229.34	229.58	230.34	270.4
38	Jul 24	229.15	229.41	230.20	267.4
39	Jul 25	229.19	229.44	230.26	265.5
40	Jul 26	229.35	229.59	230.34	266.2
41	Jul 27	229.34	229.57	230.36	270.7
42	Jul 28	229.22	229.46	230.26	264.1
43	Jul 30	229.64	229.89	230.69	266.9
44	Jul 31	229.38	229.62	230.44	264.6
45	Aug 1	229.44	229.68	230.51	266.3
46	Aug 2	229.39	229.64	230.47	269.3
47	Aug 3	229.40	229.65	230.46	270.0
48	Aug 4	229.26	229.50	230.32	272.7
49	Aug 6	229.30	229.56	230.39	254.5
50	Aug 7	228.99	229.24	229.99	242.4
51	Aug 10	229.34	229.55	230.34	250.7
52	Aug 11	229.22	229.44	230.26	253.0
53	Aug 13	229.12	229.33	230.15	249.3
54	Aug 14	229.10	229.35	230.20	242.2
55	Aug 15	229.19	229.43	230.29	249.7
56	Aug 16	229.10	229.36	230.18	255.5
57	Aug 17	229.20	229.42	230.20	258.0
58	Aug 18	229.07	229.29	230.16	262.1
59	Aug 20	229.17	229.39	230.21	258.5
60	Aug 21	228.54	228.77	229.51	245.2
61	Aug 22	228.79	229.04	229.85	256.6
62	Aug 23	228.89	229.13	229.93	254.4
63	Aug 24	229.03	229.21	230.04	254.5
64	Aug 27	229.14	229.35	230.15	262.8
65	Aug 29	229.00	229.23	230.04	255.8

TABLE 7.12
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1917

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Lower Gauge	Upper Gauge	Lock Gauge	Discharge (TCFS)
66	Aug 30	228.96	229.19	229.97	256.1
67	Aug 31	228.79	229.05	229.91	253.9
68	Sep 4	228.73	228.98	229.77	253.1
69	Sep 5	228.69	228.94	229.74	256.4
70	Sep 6	229.25	229.46	230.29	258.8
71	Sep 7	228.58	228.83	229.61	246.0
72	Sep 8	228.60	228.84	229.61	253.6
73	Sep 10	228.47	228.72	229.49	246.5
74	Sep 11	228.69	228.92	229.69	255.8
75	Sep 12	228.81	229.05	229.91	257.4
76	Sep 13	228.68	228.91	229.72	257.9
77	Sep 14	228.44	228.68	229.49	256.5
78	Sep 15	228.39	228.64	229.44	254.2
79	Sep 18	228.40	229.14	229.39	256.2
80	Sep 19	228.51	229.15	229.54	257.2
81	Sep 20	228.46	228.72	229.47	255.2
82	Sep 21	228.27	228.51	229.30	259.2
83	Oct 22	228.02	228.30	229.05	246.6
84	Oct 26	228.19	228.45	229.23	245.6
85	Nov 2	228.46	228.73	229.49	261.2
86	Nov 5	228.30	228.61	229.36	257.6
87	Nov 6	228.50	228.76	229.54	261.1
88	Nov 7	228.15	228.41	229.19	247.6
89	Nov 8	228.31	228.57	229.35	252.3
90	Nov 9	228.41	228.69	229.44	254.0
91	Nov 10	228.50	228.76	229.55	256.9
92	Nov 14	228.26	228.53	229.32	250.5
93	Nov 15	228.43	228.70	229.52	251.6
94	Nov 16	228.11	228.38	229.16	248.4
95	Nov 17	228.21	228.49	229.26	247.8
96	Nov 19	228.06	228.31	229.17	249.9
97	Nov 20	228.52	228.76	229.56	252.0
98	Nov 21	227.76	228.05	228.79	246.0
99	Nov 24	228.12	228.41	229.16	247.9
100	Nov 26	227.95	228.23	228.98	242.1

TABLE 7.13

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1918

Meas.No.	Date		Water Levels (Feet, 1903 Datum) Lower Gauge	Discharge (TCFS)
1	Jul	9	228.72	266.4
2	Jul	10	228.57	259.0
3	Jul	11	228.56	255.9
4	Jul	12	228.49	259.6
5	Jul	13	228.36	254.1
6	Jul	15	228.39	262.4
7	Jul	16	228.46	256.6
8	Jul	17	228.36	262.6
9	Jul	30	228.68	261.1
10	Jul	31	228.02	251.7
11	Aug	1	228.22	252.0
12	Aug	2	228.40	252.7
13	Aug	6	227.96	243.0
14	Aug	7	227.95	243.7
15	Aug	8	227.99	248.2
16	Aug	9	227.66	244.2
17	Aug	10	227.78	244.5
18	Aug	17	227.77	243.0
19	Aug	19	227.66	242.0
20	Aug	23	227.75	238.9
21	Aug	24	227.72	237.8
22	Aug	27	227.42	237.0
23	Aug	30	227.61	240.5
24	Aug	30	227.57	237.2
25	Aug	31	227.61	238.9
26	Sep	3	227.66	241.8
27	Sep	4	227.61	238.3
28	Sep	6	227.56	239.8
29	Sep	7	227.49	242.8
30	Sep	9	227.54	238.6
31	Sep	11	227.22	241.7
32	Oct	17	227.09	233.9

TABLE 7.13
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1918

Meas.No.	Date	Water Levels (Feet, 1903 Datum) Lower Gauge	Discharge (TCFS)
33	Oct 18	226.86	231.6
34	Nov 6	227.20	227.9
35	Nov 6	227.30	242.1
36	Nov 11	227.20	228.3
37	Nov 12	227.20	225.9
38	Nov 14	226.33	222.0
39	Nov 15	226.44	228.9
40	Nov 19	226.16	218.1
41	Nov 21	226.36	219.7
42	Nov 22	226.32	219.8
43	Nov 26	226.11	224.2
44	Nov 27	226.83	230.3
45	Nov 28	226.19	224.0
46	Dec 3	226.32	217.8
47	Dec 5	226.16	217.7
48	Dec 9	226.24	216.4
49	Dec 10	226.60	211.3
50	Dec 12	227.38	203.3
51	Dec 13	227.02	195.2

TABLE 7.14

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1919

Levels Meas. No.	Date	(Feet, 1903 Datum) Lock 25	Water Discharge (TCFS)
1	Jun 16	230.95	284.0
2	Jun 17	230.86	275.6
3	Jun 20	230.76	275.8
4	Jul 11	231.05	277.4
5	Jul 12	230.84	282.2
6	Jul 14	230.51	272.2
7	Jul 15	230.77	271.2
8	Jul 18	230.61	268.5
9	Jul 21	230.42	261.8
10	Jul 22	230.68	270.3
11	Jul 23	230.64	272.5
12	Jul 28	230.77	274.7
13	Jul 30	230.52	269.8
14	Jul 31	230.62	273.5
15	Aug 2	230.31	267.1
16	Aug 4	230.49	272.4
17	Aug 5	230.23	262.1
18	Aug 6	230.26	261.5
19	Aug 7	230.32	266.1
20	Aug 9	229.99	261.2
21	Aug 11	230.12	262.2
22	Aug 12	229.96	257.5
23	Aug 13	230.03	266.3
24	Aug 14	229.92	261.4
25	Aug 16	229.87	258.9
26	Aug 18	230.08	259.6
27	Aug 19	230.23	262.6
28	Aug 20	230.19	267.4
29	Aug 21	230.06	268.4
30	Aug 23	230.07	265.3
31	Aug 25	230.12	260.8
32	Aug 26	230.09	263.0

TABLE 7.14
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1919

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Lock 25	Discharge (TCFS)
33	Aug 27	230.15	265.6
34	Aug 29	230.04	263.5
35	Sep 3	229.75	262.3
36	Sep 8	229.85	263.4
37	Sep 9	229.08	247.1
38	Sep 10	229.43	256.0
39	Sep 15	229.28	254.4
40	Sep 16	229.41	255.5
41	Sep 17	229.17	250.4
42	Sep 20	230.11	269.5
43	Sep 22	229.75	259.5
44	Sep 23	229.10	249.2
45	Sep 24	229.26	250.6
46	Sep 25	229.50	256.6
47	Sep 30	229.19	256.0
48	Oct 1	228.66	241.6
49	Oct 4	228.83	246.8
50	Oct 6	229.23	251.4
51	Oct 7	229.02	248.0
52	Oct 8	228.76	243.0
53	Oct 11	229.41	253.6
54	Oct 15	228.99	254.1
55	Oct 18	228.86	245.9
56	Oct 20	228.43	238.8
57	Oct 21	228.75	241.6
58	Oct 22	228.83	244.4
59	Oct 27	228.19	241.1
60	Oct 29	228.42	241.9
61	Oct 30	228.30	237.1
62	Nov 3	228.37	237.1

TABLE 7.14
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1919

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Lock 25	Discharge (TCFS)
63	Nov 4	228.54	243.9
64	Nov 5	228.75	247.9
65	Nov 8	228.16	239.7
66	Nov 12	228.24	243.4
67	Nov 13	228.81	250.4
68	Nov 15	228.44	236.7
69	Nov 17	228.64	237.0
70	Nov 24	228.21	238.7

TABLE 7.15

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1920

Meas. No.	Date		Water Levels (Feet, 1903 Datum) U.S. Section Gauge	Lock 25	Discharge (TCFS)
1	Apr	30	227.01	228.14	233.2
2	May	1	226.86	227.86	232.1
3	May	3	226.84	227.88	228.9
4	May	12	226.77	227.71	214.6
5	May	15	226.79	227.80	223.2
6	May	17	226.76	227.77	229.1
7	May	18	226.77	227.78	231.5
8	May	21	226.75	227.76	230.4
9	May	29	226.61	227.62	215.2
10	May	31	226.74	227.78	215.3
11	Jun	1	226.75	227.78	221.0
12	Jun	4	226.62	227.63	212.5
13	Jun	9	226.61	227.63	223.3
14	Jun	10	226.73	227.79	217.8
15	Jun	11	226.83	227.84	218.7
16	Jun	14	226.81	227.81	222.3
17	Jun	15	226.82	227.85	212.2
18	Jun	19	226.68	227.73	215.7
19	Jun	23	226.94	228.00	220.8
20	Jun	24	226.90	227.94	217.9
21	Jun	25	226.87	227.85	218.5
22	Jun	29	226.89	228.13	229.8
23	Jul	2	226.65	227.68	223.4
24	Jul	3	226.90	227.98	227.4
25	Jul	6	226.94	227.96	231.8
26	Jul	10	227.01	228.03	230.6
27	Jul	12	226.86	227.84	223.7
28	Jul	20	227.07	228.10	237.5
29	Jul	24	227.07	228.03	225.3
30	Jul	26	226.95	227.99	225.6
31	Jul	30	227.09	228.12	217.9
32	Aug	3	226.89		223.0
33	Aug	6	226.90		223.5
34	Aug	13	226.94		233.4

TABLE 7.15
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Three Points Section
1920

Meas. No.	Date	Water Levels (Feet, 1903 Datum) U.S. Section Gauge	Lock 25	Discharge (TCFS)
35	Aug 20	226.79		221.0
36	Aug 26	226.73		222.0
37	Aug 27	226.71		223.9
38	Aug 30	226.64		216.9
39	Sep 8	226.71		217.0
40	Sep 11	226.71		221.8
41	Sep 14	226.56		216.5
42	Sep 15	226.59		219.7
43	Oct 21	226.48		222.8
44	Oct 22	226.40		223.7
45	Nov 10	226.63		228.7
46	Nov 13	226.54		218.6

TABLE 7.16

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Public Works
Brockville Section
1920

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Met. Party Section Gauge	Met. Party Waterworks Gauge	Discharge (TCFS)
1	Jan 30	---------	243.83	164.9
2	Feb 5	243.47	243.49	179.2
3	Feb 6	243.51	243.56	181.6
4	Feb 9	243.45	243.48	232.3
5	Feb 11	243.50	243.54	226.1
6	Feb 12	243.34	243.37	185.3
7	Feb 13	243.38	243.45	220.6
8	Feb 14	243.32	243.38	216.4
9	Feb 21	243.28	243.34	203.2
10	Feb 23	243.14	243.16	199.1
11	Feb 24	243.39	243.35	177.7
12	Feb 25	243.31	243.37	206.9
13	Feb 26	243.38	243.45	203.1
14	Feb 27	243.40	243.40	188.8
15	Feb 28	243.15	243.19	181.4
16	Mar 1	243.40	243.45	171.8
17	Mar 2	243.20	243.25	201.0
18	Mar 3	243.12	243.19	171.5
19	Mar 5	243.09	243.14	167.2
20	Mar 6	243.32	243.36	189.8
21	Mar 9	243.20	243.25	178.4
22	Mar 10	243.17	243.25	216.4
23	Mar 11	243.12	243.20	186.4
24	Mar 15	243.31	243.34	188.2
25	May 27	244.09	244.12	223.1

TABLE 7.17

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Railways & Canals
Iroquois Point and Leishmans Point Sections
1923-1935

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Lock 25	Discharge (TCFS)
Iroquois Point Section			
	1923		
1	Sep 11	227.01	219.9
2	Sep 12	227.06	222.9
3	Sep 13	227.23	225.8
4	Sep 19	226.44	210.2
5	Sep 20	226.63	219.0
6	Oct 2	226.51	214.4
7	Oct 18	226.03	210.1
8	Oct 18	225.97	208.5
9	Oct 19	225.97	206.0
10	Nov 1	226.11	206.7
11	Nov 1	226.12	211.8
12	Nov 2	226.24	211.8
	1924		
13	Jun 10	228.55	240.7
14	Aug 15	228.43	239.9
15	Aug 21	228.07	237.0
16	Aug 22	228.18	237.6
	1925		
17	Nov 11	225.86	202.7
18	Nov 12	225.64	197.3
19	Nov 12	225.45	194.2

TABLE 7.17
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Made by the Canadian Department of Railways & Canals
Iroquois Point and Leishmans Point Sections
1923-1935

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Lock 25	Discharge (TCFS)
Leishmans Point Section			
	1935		
20	Sep 16	224.63	189.6
21	Sep 18	224.83	184.9
22	Sep 23	224.57	185.3
23	Sep 24	224.64	188.9
24	Sep 30	224.56	184.8
25	Oct 9	224.43	181.4
26	Oct 9	224.31	182.1
27	Oct 10	224.40	186.0
28	Oct 11	224.35	181.4
29	Oct 15	223.70	177.4
30	Oct 16	223.65	174.8

TABLE 7.18

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1936

Meas. No.	Date		Water Levels (Feet, 1903 Datum) Ogdensburg	Iroquis	Section	Discharge (TCFS)
1	Jun	10	244.20	227.01	226.08	218.2
2	Jun	11	244.20	227.00	226.07	217.5
3	Jun	12	244.01	226.70	225.79	211.2
4	Jun	12	243.97	226.65	225.75	214.2
5	Jun	13	244.09	226.83	225.95	219.0
6	Jun	13	244.09	226.83	225.88	218.1
7	Jun	15	244.12	226.89	225.97	218.1
8	Jun	17	244.16	226.94	225.99	218.9
9	Jun	17	244.07	226.80	225.91	216.2
10	Jun	18	244.18	226.97	226.02	220.8
11	Jun	18	244.26	227.10	226.14	221.1
12	Jun	19	244.11	226.87	225.93	219.2
13	Jun	19	244.15	226.93	226.02	218.2
14	Jun	22	244.09	226.83	225.92	217.6
15	Jun	22	244.11	226.86	225.95	216.5
16	Jun	25	244.14	226.91	225.99	218.0
17	Jun	26	243.93	226.59	225.70	210.2
18	Jul	6	243.91	226.54	225.64	214.1
19	Jul	7	244.01	226.71	225.79	216.1
20	Aug	13	243.42	225.73	224.91	201.1
21	Aug	18	243.29	225.53	224.70	197.4
22	Aug	18	243.38	225.67	224.85	199.9
23	Aug	19	243.46	225.80	225.01	200.6
24	Aug	19	243.52	225.90	225.06	201.5
25	Aug	20	242.81	224.70	223.95	186.9
26	Aug	20	242.96	224.96	224.19	189.9
27	Aug	21	243.03	225.09	224.40	188.0
28	Aug	22	243.11	225.21	224.42	194.9
29	Aug	22	243.09	225.19	224.42	193.8
30	Aug	28	242.97	224.98	224.19	186.8
31	Sep	1	243.25	225.45	224.65	197.5
32	Sep	1	243.28	225.51	224.70	196.7

TABLE 7.19

Summary of Discharge Measurements
St. Lawrence River
South Sault Section
1936

Meas. No.	Date	Water Levels (Feet, 1935 Datum) Tracy's Point	Section	Discharge (CFS)
1	Jul 29	181.18	179.45	6946
2	Jul 29	181.16	179.44	7004
3	Jul 29	181.18	179.42	6974
4	Jul 29	181.11	179.38	6812
5	Jul 30	180.97	179.24	6430
6	Jul 30	180.98	179.25	6344
7	Jul 30	180.99	179.26	6480
8	Jul 30	181.01	179.28	6640
9	Jul 30	181.02	179.29	6646
10	Jul 30	181.01	179.29	6410
11	Jul 30	181.01	179.29	6740
12	Jul 30	181.03	179.30	6584
13	Jul 31	180.97	179.24	6235
14	Jul 31	180.97	179.25	6319
15	Jul 31	180.97	179.25	6234
16	Jul 31	180.99	179.26	6318
17	Jul 31	180.99	179.27	6484
18	Aug 3	180.89	179.17	6210
19	Aug 5	180.57	178.85	5478
20	Aug 5	180.57	178.84	5413

TABLE 7.20

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1945

Meas. No.	Date	Water Levels (Feet, 1935 Datum*) Ogdensburg	Iroquois	Section	Waddington	Discharge (TCFS)
1	Jul 3	246.96	230.94	229.86	227.77	271.7
2	Jul 4	247.05	231.01	229.94	227.84	277.9
3	Jul 5	246.94	230.87	229.79	227.71	276.5
4	Jul 5	246.95	230.88	229.81	227.73	274.6
5	Jul 6	247.16	231.18	230.08	227.95	277.9
6	Jul 6	247.11	231.13	230.04	227.92	278.8
7	Jul 7	247.00	230.94	229.86	227.77	276.9
8	Jul 7	247.08	231.04	229.95	227.85	276.7
9	Jul 8	247.02	230.96	229.89	227.79	276.0
10	Jul 8	247.05	230.98	229.92	227.82	275.1
11	Jul 9	246.90	230.80	229.72	227.65	271.4
12	Jul 9	247.10	230.99	229.91	227.81	276.8
13	Jul 10	247.24	231.23	230.14	228.01	283.6
14	Jul 11	247.15	231.20	230.09	227.96	278.7
15	Jul 11	247.19	231.15	230.06	227.94	281.1
16	Jul 12	247.06	231.00	229.92	227.82	277.0
17	Jul 12	247.11	231.09	229.97	227.88	278.4
18	Jul 13	247.01	230.94	229.86	227.77	278.0
19	Jul 13	247.14	231.11	230.02	227.90	277.5
20	Jul 14	246.87	230.74	229.67	227.61	273.6
21	Jul 20	247.01	230.97	229.89	227.79	276.2
22	Jul 20	247.06	231.03	229.94	227.84	276.3

* To convert levels on 1935 Datum to IGLD 1955:
Ogdensburg, subtract 0.96;
Iroquois, subtract 20.97.

TABLE 7.21

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
(17 Panels)
1953

Meas. No.	Date	Water Levels (Feet, 1935 Datum) Ogdensburg	Iroquois	Section	Waddington	Discharge (TCFS)
1	Jun 22	247.04	231.54	230.51	228.45	282.3
2	Jun 24	246.77	231.22	230.16	228.12	278.6
3	Jun 24	246.86	231.31	230.25	228.18	278.1
4	Jun 26	246.92	231.46	230.42	228.33	281.2
5	Jul 2	246.81	231.20	230.16	228.14	272.0
6	Jul 8	246.80	231.29	230.23	228.15	280.4
7	Jul 8	246.84	231.32	230.28	228.20	281.8
8	Jul 10	246.72	231.12	230.05	227.99	275.9
9	Jul 10	246.72	231.31	230.23	228.17	282.0
10	Jul 11	246.82	231.27	230.20	228.14	281.3
11	Jul 14	246.65	231.02	229.94	227.89	276.4
12	Jul 16	246.61	230.97	229.90	227.86	275.0

TABLE 7.22

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
(One Panel)
1953

Meas. No.	Date		Water Levels (Feet, 1935 Datum) Ogdensburg	Iroquois	Section	Waddington	Discharge (TCFS)
1	Jun	23	247.01	231.52	230.48	228.31	290.4
2	Jun	23	247.02	231.52	230.48	228.31	288.4
3	Jun	25	246.76	231.24	230.20	228.12	279.1
4	Jun	25	246.76	231.24	230.18	228.11	282.6
5	Jun	27	246.90	231.42	230.31	228.25	285.2
6	Jun	27	246.90	231.40	230.35	228.29	288.8
7	Jul	1	246.69	231.14	230.08	228.05	279.0
8	Jul	1	246.70	231.13	230.10	228.08	278.6
9	Jul	7	246.83	231.30	230.27	228.19	280.6
10	Jul	7	246.85	231.26	230.24	228.19	273.5
11	Jul	9	246.76	231.23	230.17	228.12	278.2
12	Jul	9	246.71	231.20	230.14	228.09	283.6
13	Jul	13	246.62	231.04	229.94	227.88	274.5
14	Jul	15	246.52	230.91	229.85	227.80	274.6
15	Jul	15	246.62	231.01	229.93	227.87	274.0

TABLE 7.23

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1953-1954

Meas. No.	Date	Water Levels (Feet) Lock 25 (1903 Datum)*	Water Levels (Feet) Section (1935 Datum)	Discharge (TCFS) 0.4	Discharge (TCFS) 0.2-0.8
	1953				
1	Dec 21	228.48	227.76	241.5	
2	Dec 22	228.47	227.95		244.4
	1954				
3	Jan 4	227.39	227.28	240.0	
4	Jan 5	227.78	227.18	239.0	235.5
5	Jan 20	227.23	226.60	224.9	
6	Feb 3	227.67	227.00	221.2	
7	Feb 4	227.69	227.06		225.7
8	Feb 5	227.82	227.19	230.5	
9	Feb 9	227.63	227.00	229.8	
10	Feb 11	227.70	227.10		232.9
11	Feb 19	228.06	227.42	236.2	
12	Feb 20	227.95	227.38	232.3	
13	Feb 22	228.66	228.06		246.2
14	Feb 25	228.61	228.01	241.3	
15	Feb 28	228.54	227.93	243.1	
16	Mar 10	229.20	228.60	256.8	
17	Mar 12	229.05	228.42	252.5	
18	Mar 16	229.21	228.66	255.9	
19	Mar 17	229.34	228.65		255.7
20	Mar 18	229.16	228.57	252.6	
21	Mar 19	229.06	228.46	255.1	
22	Mar 20	228.96	228.33		247.2
23	Mar 22	229.47	228.84	260.4	
24	Mar 24	229.22	228.60	254.3	
25	Mar 25	228.93	228.35		244.5

* To convert to levels on IGLD 1955: 1903 Datum subtract 0.60 foot.

TABLE 7.23
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1953-1954

Meas. No.	Date	Water Levels (Feet) Lock 25 (1903 Datum)*	Section (1935 Datum)	Discharge (TCFS) 0.4	0.2-0.8
26	Mar 27	229.39	228.68	249.3	
27	Mar 29	229.55	228.85	261.4	
28	Apr 3	229.46	228.93	257.5	
29	Apr 6	229.63	228.98	259.3	
30	Apr 10	230.09	229.43	261.5	
31	Apr 12	230.03	229.40		262.0
32	Apr 13	230.32	229.63	266.9	266.6
33	Apr 14	229.95	229.28	260.9	263.5
34	Apr 15	229.70	229.04	257.1	
35	Apr 20	230.33	229.71	267.4	267.9
36	Apr 21	230.29	229.71	268.9	267.2
37	Apr 23	230.56	229.93	273.9	272.7
38	Apr 24	230.02	229.40	264.4	
39	Apr 26	230.38	229.75	270.6	264.8
40	Apr 28	230.44	229.77	272.0	270.2
41	Apr 29	230.80	230.13	276.5	275.0
42	Apr 30	230.87	230.19	277.1	276.9
43	May 3	230.83	230.11	275.8	278.8
44	May 5	231.07	230.39	279.5	278.3
45	May 6	231.14	230.50	279.3	281.3
46	May 7	230.87	230.22	276.6	274.8
47	May 10	231.20	230.55	282.0	281.5
48	May 11	231.36	230.75	286.3	288.4
49	May 13	231.20	230.52	282.7	283.2
50	May 14	231.19	230.52	282.0	
51	May 15	231.18	230.55	281.5	
52	May 17	231.66	230.97	290.0	294.1
53	May 18	231.19	230.53	278.5	280.9

* To convert to levels on IGLD 1955: 1903 Datum substract 0.60 feet.

TABLE 7.23
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Three Points Section
1953-1954

Meas. No.	Date	Water Levels (Feet) Lock 25 (1903 Datum)*	Water Levels (Feet) Section (1935 Datum)	Discharge (TCFS) 0.4	Discharge (TCFS) 0.2-0.8
54	May 19	230.99	230.38	278.2	280.2
55	May 20	231.03	230.32	277.8	279.6
56	May 21	231.01	230.32	275.2	278.0
57	May 22	231.14	230.49	282.1	
58	May 25	231.16	230.54	278.0	282.3
59	May 26	231.23	230.56	282.4	281.5
60	May 27	230.90	230.25	276.7	277.4
61	May 28	231.08	230.41	278.2	278.8
62	May 29	230.94	230.30	277.8	
63	May 31	231.19	230.54	282.9	285.3
64	Jun 1	231.08	230.46	277.5	278.3
65	Jun 2	231.49	230.80	284.6	

* To convert to levels on IGLD 1955: 1903 Datum substract 0.60 feet.

TABLE 7.24

Summary of Discharge Measurements
St. Lawrence River
Weaver Point Section
1954-1955

Meas. No.	Date		Water Levels (Feet, 1935 Datum)* U.S.	Canada	Discharge (TCFS)
	1954				
1	Aug	14	208.47	207.85	262.0
2	Aug	16	208.40	207.78	261.9
3	Aug	17	208.30	207.69	266.5
4	Aug	20	208.30	207.69	268.5
5	Aug	25	208.23	207.62	257.4
6	Aug	27	207.92	207.33	257.5
7	Aug	28	208.12	207.52	256.0
8	Sep	1	208.14	207.53	260.4
9	Sep	3	208.29	207.68	260.1
10	Sep	7	207.89	207.30	254.1
11	Sep	9	207.77	207.18	253.3
12	Sep	10	207.73	207.15	252.4
13	Sep	13	207.63	207.05	254.6
14	Sep	14	207.59	207.01	247.1
15	Sep	15	207.59	207.01	246.7
16	Sep	24	207.90	207.31	254.9
17	Sep	29	207.56	206.98	249.4
18	Sep	30	207.87	207.28	249.2
19	Oct	1	207.96	207.36	255.7
20	Oct	4	207.84	207.25	255.9
21	Oct	7	207.54	206.97	249.2
22	Oct	8	207.85	207.26	257.4
23	Oct	12	207.89	207.30	252.8
24	Oct	13	208.07	207.47	257.2
25	Oct	14	207.72	207.14	249.7
26	Oct	15	207.84	207.25	256.8
27	Oct	20	207.98	207.38	250.5
28	Oct	27	207.83	207.22	253.3

* To convert levels on 1935 Datum to IGLD 1955 subract 0.96 foot.

TABLE 7.24
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Weaver Point Section
1954-1955

Meas. No.	Date		Water Levels (Feet, 1935 Datum)* U.S.	Canada	Discharge (TCFS)
29	Oct	28	208.00	207.39	253.8
30	Oct	29	208.10	207.51	254.5
31	Nov	1	208.00	207.42	253.3
32	Nov	2	207.82	207.24	250.6
33	Nov	3	206.61	---------	229.1
34	Nov	4	208.56	207.90	265.4
35	Nov	10	207.93	207.32	253.0
36	Nov	12	208.05	207.47	249.3
37	Nov	15	207.81	207.23	245.7
38	Nov	16	208.11	207.52	253.6
39	Nov	17	208.03	207.46	253.1
40	Nov	19	207.98	207.40	248.4
41	Nov	22	208.10	207.53	254.1
42	Nov	23	207.89	207.30	247.7
43	Nov	24	207.78	207.14	243.1
44	Nov	25	207.69	207.06	247.5
45	Nov	29	208.05	207.44	249.4
46	Nov	30	208.69	208.08	262.2
47	Dec	1	208.09	207.45	254.7
48	Dec	2	208.07	207.45	253.3
49	Dec	6	208.02	207.41	255.3
50	Dec	7	207.93	207.30	249.3
51	Dec	9	208.42	207.79	257.5
52	Dec	10	208.19	207.52	257.3
53	Dec	11	208.06	207.43	254.3
54	Dec	15	207.92	207.28	258.7
55	Dec	16	208.19	207.56	259.7

* To convert levels on 1935 Datum to IGLD 1955 subract 0.96 foot.

TABLE 7.24
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Weaver Point Section
1954-1955

Meas. No.	Date		Water Levels (Feet, 1935 Datum)* U.S.	Canada	Discharge (TCFS)
	1955				
56	Jan	24	208.73	---------	253.2
57	Jan	25	208.58	207.96	258.1
58	Feb	10	---------	208.43	259.1
59	Feb	11	208.09	---------	252.4
60	Feb	15	207.93	207.39	244.3
61	Feb	16	207.83	207.28	244.7
62	Feb	17	207.86	207.28	244.1
63	Feb	18	207.79	207.21	244.3
64	Feb	21	207.73	207.15	244.9
65	Feb	22	207.87	---------	250.9
66	Feb	23	207.91	207.30	247.8
67	Feb	25	208.01	207.42	251.4
68	Mar	5	208.26	207.81	239.8
69	Mar	9	208.13	207.56	247.7
70	Mar	10	208.14	207.55	250.7
71	Mar	11	208.38	207.89	258.9
72	Mar	14	208.74	208.18	260.1
73	Mar	15	208.83	208.25	262.2
74	Mar	17	209.81	209.10	276.9
75	Mar	22	209.04	208.38	268.7
76	Mar	25	209.71	208.97	281.5
77	Mar	29	210.43	209.76	282.8
78	Mar	30	210.01	209.29	278.8
79	Mar	31	209.61	208.87	283.4
80	Apr	1	209.69	208.98	288.9
81	Apr	5	209.84	209.17	289.0
82	Apr	6	209.98	209.32	288.0

* To convert levels on 1935 Datum to IGLD 1955 subract 0.96 foot.

TABLE 7.24
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Weaver Point Section
1954-1955

Meas. No.	Date		Water Levels (Feet, 1935 Datum)* U.S.	Canada	Discharge (TCFS)
83	Apr	12	209.40	208.77	276.1
84	Apr	15	209.95	209.28	288.7
85	Apr	18	210.10	209.36	292.0
86	Apr	19	209.96	209.27	289.4
87	Apr	21	210.04	209.34	289.6
88	Apr	26	209.92	209.19	283.7
89	Apr	27	210.12	209.40	289.7
90	Apr	28	210.05	209.32	289.4
91	May	2	210.26	209.52	294.7
92	May	3	210.14	209.40	292.6
93	May	4	210.25	209.51	295.7
94	May	9	210.28	209.53	294.6
95	May	10	210.23	209.48	292.9
96	May	12	210.31	209.55	292.7
97	May	16	210.25	209.53	292.3
98	May	17	210.06	209.29	288.5
99	May	19	210.41	209.44	295.1
100	May	24	210.08	209.31	288.6
101	May	25	210.00	209.25	288.7
102	May	27	210.00	209.24	289.2
103	May	30	210.24	209.39	294.1
104	May	31	210.13	209.34	291.1
105	Jun	2	210.07	209.29	291.4
106	Jun	7	209.89	209.13	281.8
107	Jun	8	209.61	208.87	277.5
108	Jun	10	209.86	209.11	285.4
109	Jun	14	210.02	209.24	286.9
110	Jun	16	209.98	209.19	289.5

* To convert levels on 1935 Datum to IGLD 1955 subract 0.96 foot.

TABLE 7.24
(Continued)

Summary of Discharge Measurements
St. Lawrence River
Weaver Point Section
1954-1955

Meas. No.	Date		Water Levels (Feet, 1935 Datum)* U.S.	Canada	Discharge (TCFS)
111	Jun	20	209.71	208.94	274.5
112	Jun	21	209.72	208.95	283.4
113	Jun	23	209.91	209.07	284.9
114	Jun	27	209.76	209.04	278.8
115	Jun	30	209.72	208.99	280.1
116	Jul	4	209.65	208.94	279.3
117	Jul	5	209.70	209.01	273.8
118	Jul	7	209.44	208.77	276.1
119	Jul	12	208.83	208.21	266.3
120	Jul	13	209.07	208.44	272.0
121	Jul	14	209.19	208.54	274.5
122	Jul	18	209.26	208.61	273.1
123	Jul	19	209.00	208.38	271.5
124	Jul	21	209.26	208.59	276.7
125	Jul	25	208.91	208.28	257.5
126	Jul	26	208.99	208.35	269.8
127	Jul	27	209.08	208.43	271.8
128	Jul	30	208.76	208.11	267.8
129	Aug	2	208.82	208.19	268.8
130	Aug	3	208.69	208.08	263.7
131	Aug	4	208.72	208.10	271.7

* To convert levels on 1935 Datum to IGLD 1955 subract 0.96 foot.

TABLE 7.25

Summary of Discharge Measurements
St. Lawrence River
Massena Point Section
1960

Meas. No.	Date	Water Levels (Feet, 1935 Datum) H-26CA	Discharge (TCFS)
1	Oct 10	156.19	216.6
2	Oct 12	156.16	214.4
3	Oct 13	156.06	201.4
4	Oct 14	156.08	208.4
5	Oct 15	155.85	200.1
6	Oct 18	155.84	207.1
7	Oct 19	155.85	205.1
8	Oct 20	155.94	208.9
9	Oct 21	155.92	205.4
10	Oct 22	155.66	202.7
11	Oct 24	155.79	206.7
12	Oct 25	155.96	203.0
13	Oct 26	156.00	202.7
14	Oct 27	156.13	204.7
15	Oct 28	156.13	204.4
16	Oct 29	155.84	195.1
17	Oct 31	155.88	204.0
18	Nov 2	155.73	202.8
19	Nov 3	156.12	218.6
20	Nov 4	156.04	222.1

TABLE 7.26

Summary of Discharge Measurements
St. Lawrence River
Massena Point and North Cornwall Channel Sections
1970

Meas. No.	Date	Water Levels (Feet, IGLD 1955) N.C. Section	Discharge (TCFS) Massena	Discharge (TCFS) North Cornwall Channel
1	May 7	156.52	280.6	95.7
2	May 11	156.78	277.0	95.9
3	May 11	156.50	264.7	94.9
4	May 12	156.64	283.7	92.8
5	May 12	156.60	276.1	93.1
6	May 13	156.76	279.5	93.8
7	May 13	156.65	273.3	92.1
8	May 13	156.60	269.1	91.0
9	May 14	156.58	271.1	90.2
10	May 14	156.77	280.5	95.2
11	May 14	156.61	270.6	90.4
12	May 14	156.61	281.9	91.2
13	May 15	156.65	276.5	92.6
14	May 15	156.79	274.1	93.2
15	May 19	156.38	268.2	90.2
16	May 19	156.68	283.6	93.9
17	May 19	156.52	271.3	90.2
18	May 19	156.52	265.3	89.1
19	May 20	156.34	265.6	90.7
20	May 20	156.62	276.8	93.9
21	May 20	156.42	268.9	88.6
22	May 20	156.43	270.7	89.6
23	May 21	155.46	233.2	75.0
24	May 21	156.34	265.7	90.0
25	May 21	156.67	278.8	92.4
26	May 21	156.52	270.3	89.8
27	May 22	155.34	237.1	75.1
28	May 22	156.58	277.2	93.5
29	May 23	155.87	249.1	80.4
30	May 23	156.42	265.6	88.7
31	May 23	156.81	286.7	95.1

TABLE 7.27

Summary of Discharge Measurements
St. Lawrence River
Massena Point Section
1972

Meas. No.	Date	Water Levels (Feet, IGLD 1955) Section	Discharge (TCFS)
1	Jun 10	157.65	288.0
2	Jun 10	157.66	291.5
3	Jun 12	157.54	294.3
4	Jun 12	157.55	293.0
5	Jun 13	157.61	291.1
6	Jun 13	157.61	294.5
7	Jun 14	157.68	298.0
8	Jun 14	157.68	290.3
9	Jun 15	157.63	295.0
10	Jun 15	157.60	294.2
11	Jun 16	157.57	295.9
12	Jun 16	157.58	289.9
13	Jun 17	157.76	302.0
14	Jun 17	157.78	300.3
15	Jun 19	157.86	304.7
16	Jun 19	157.87	300.1

TABLE 7.28

Summary of Discharge Measurements
St. Lawrence River
Iroquois Dam Section
1972

Meas. No.	Date	Water Levels (Feet, IGLD 1955) Section	Discharge (TCFS)
1	Jul 6	242.92	319.3
2	Jul 7	242.96	313.5
3	Jul 8	242.92	313.0
4	Jul 8	242.92	311.2
5	Jul 11	243.00	309.3
6	Jul 11	243.00	309.1
7	Jul 12	243.00	311.4
8	Jul 12	243.00	315.8
9	Jul 13	242.97	312.0
10	Jul 13	243.05	313.9
11	Jul 14	242.97	304.7
12	Jul 14	242.99	313.9
13	Jul 15	243.06	319.0
14	Jul 15	243.18	319.6
15	Jul 17	243.12	309.6
16	Jul 17	243.14	308.5
17	Jul 18	243.04	313.2
18	Jul 18	243.06	316.5
19	Jul 19	243.07	310.7
20	Jul 19	243.05	302.3
21	Jul 20	243.02	311.6
22	Jul 20	243.01	302.0
23	Jul 21	243.17	314.9
24	Jul 21	243.15	309.8
25	Jul 22	243.05	311.6
26	Jul 22	243.02	310.1
27	Jul 24	243.19	312.9
28	Jul 25	243.25	309.8
29	Jul 25	243.20	305.1
30	Jul 26	243.22	315.3
31	Jul 27	243.18	310.7
32	Jul 27	243.22	304.0
33	Jul 28	243.13	305.6
34	Jul 28	243.15	307.9

TABLE 7.29

Summary of Discharge Measurements
St. Lawrence River
North Channel Section
1974

Meas. No.	Date	Water Levels (Feet, IGLD 1955) Section	Discharge (TCFS)
1	Sep 9	158.21	109.1
2	Sep 10	158.22	105.4
3	Sep 11	158.32	106.0
4	Sep 11	158.25	106.1
5	Sep 12	158.29	106.2
6	Sep 12	158.24	109.0
7	Sep 13	158.24	107.4
8	Sep 13	158.21	106.5
9	Sep 14	158.24	106.5
10	Sep 14	158.22	106.6

TABLE 7.30

Summary of Discharge Measurements
St. Lawrence River
South Channel Section
1974

Meas. No.	Date	Water Levels (Feet, IGLD 1955) Section	Discharge (TCFS)
1	Sep 9	154.52	203.6
2	Sep 10	154.64	204.8
3	Sep 11	154.64	200.9
4	Sep 11	154.55	201.4
5	Sep 12	154.52	205.2
6	Sep 12	154.55	205.9
7	Sep 13	154.55	204.0
8	Sep 14	154.49	204.4

TABLE 7.31

Summary of Discharge Measurements
St. Lawrence River
1976

Section	Date	Discharge (TCFS)
Little River	Aug 6	135.8
Section BB 93	Aug 6	206.5
Ice Boom	Aug 14	339.0
Upper River	Aug 13	329.7

TABLE 7.32

Summary of Discharge Measurements
St. Lawrence River
Raft Narrows Section
1977

Meas. No.	Date	Time (EST)	Section Gauge	Discharge (TCFS)
1	Aug 17	1210-1311	245.13	143.3
2	Aug 17	1313-1402	245.09	141.1
3	Aug 18	0830-0925	245.12	141.5
4	Aug 18	0931-1025	245.07	144.3
5	Aug 22	1008-1137	245.19	139.3
6	Aug 24	1625-1708	244.98	146.4
7	Aug 26	1234-1318	244.82	131.1

TABLE 7.33

Summary of Discharge Measurements
St. Lawrence River
Upper Narrows Section
1977

Meas. No.	Date	Time (EST)	Section Gauge	Discharge (TCFS)
1	Aug 17	0904-0947	244.91	147.5
2	Aug 18	1227-1256	245.03	144.6
3	Aug 18	1302-1352	245.03	135.9
4	Aug 22	1412-1638	245.01	148.5
5	Aug 22	1559-1633	244.97	136.9
6	Aug 24	1353-1521	244.83	143.6
7	Aug 26	1020-1049	244.81	128.0

TABLE 7.34

Summary of Discharge Measurements
St. Lawrence River
Light No. 227 Section
1977

Meas. No.	Date	Time (EST)	Section Gauge	Discharge (TCFS)
1	Aug 19	1412-1516	245.16	320.0
2	Aug 23	0836-1021	245.26	358.9
3	Aug 23	1034-1213	245.18	361.5
4	Aug 24	0927-1220	245.08	224.4
5	Aug 26	0830-0920	245.08	254.4

TABLE 7.35

Summary of Discharge Measurements
St. Lawrence River
Rift Narrows Section
1977

Meas. No.	Date	Time (EST)	Section Gauge	Discharge (TCFS)
1	Aug 17	1035-1056	245.10	0.4
2	Aug 18	1225-1250	245.11	0.3
3	Aug 22	1230-1300	245.21	0.3
4	Aug 24	1315-1340	244.96	0.2
5	Aug 26	1205-1230	244.86	0.2

TABLE 7.36

Summary of Discharge Measurements
St. Lawrence River
Cedar Point Section
1977

Meas. No.	Date	Time (EST)	Section Gauge	Discharge (TCFS)
1	Aug 25	1338-1452	245.07	213.4

TABLE 7.37

Summary of Discharge Measurements
St. Lawrence River
Morrison - West Croil Islands Section
1986

Meas. No.	Date	Time (EST)	Discharge (TCFS)
1	Oct 22	0740-0830	115.6
2	Oct 22	0832-0911	112.7
3	Oct 22	0913-0951	114.0
4	Oct 22	0954-1029	122.5

TABLE 7.38

Summary of Discharge Measurements
St. Lawrence River
Massena Country Club to Center Croil Island Section
1986

Meas. No.	Date	Time (EST)	Discharge (TCFS)
1	Oct 15	0817-0933	218.0
2	Oct 15	0937-1037	228.5
3	Oct 15	1040-1142	225.2
4	Oct 16	1103-1204	193.3
5	Oct 16	1210-1246	178.1
6	Oct 18	0745-0855	179.8
7	Oct 18	0901-0949	194.7
8	Oct 20	0815-0916	214.1
9	Oct 20	0920-1000	200.0
10	Oct 20	1008-1102	203.2
11	Oct 20	1107-1202	188.7
12	Oct 22	0757-1012	161.1
13	Oct 22	1021-1215	151.3

TABLE 7.39

Summary of Discharge Measurements
St. Lawrence River
East Croil - Long Sault Islands Section
1986

Meas. No.	Date	Time (EST)	Discharge (TCFS)
1	Oct 15	0832-1047	145.3
2	Oct 18	1018-1118	116.1
3	Oct 20	1020-1230	151.9
4	Oct 20	1238-1430	101.3

TABLE 7.40

Summary of Discharge Measurements
St. Lawrence River
North Wiley - Dondero Section
1986

Meas. No.	Date	Time (EST)	Discharge (TCFS)
1	Oct 13	0745-0805	28.5
2	Oct 13	0810-0826	30.4
3	Oct 13	0948-1004	30.6
4	Oct 13	1007-1022	31.2
5	Oct 13	1144-1214	32.9
6	Oct 16	0835-0854	27.9
7	Oct 16	0903-0928	29.0
8	Oct 16	1018-1035	30.4
9	Oct 17	0829-0848	26.0
10	Oct 17	1212-1232	26.1
11	Oct 17	1235-1252	29.3
12	Oct 20	1251-1311	30.0

TABLE 7.41

Summary of Discharge Measurements
St. Lawrence River
South Wiley - Dondero Section
1986

Meas. No.	Date	Time (EST)	Discharge (TCFS)
1	Oct 13	0835-0900	65.3
2	Oct 13	0902-0921	61.0
3	Oct 13	0925-0942	59.0
4	Oct 13	1030-1048	54.2
5	Oct 13	1059-1132	56.7
6	Oct 16	0801-0826	50.8
7	Oct 16	0936-0953	49.7
8	Oct 16	0958-1011	51.0
9	Oct 17	0750-0805	52.0
10	Oct 17	0808-0821	54.1
11	Oct 17	1258-1309	52.2
12	Oct 17	1313-1323	53.2
13	Oct 20	1230-1244	63.0

TABLE 7.42

Summary of Discharge Measurements
St. Lawrence River
Lights 45/46 Section
1986

Meas. No.	Date	Time (EST)	Discharge (TCFS)
1	Oct 13	0800-0840	28.9
2	Oct 13	0954-1034	30.1
3	Oct 13	1103-1147	25.7
4	Oct 13	1151-1210	30.0
5	Oct 14	0757-0936	18.3
6	Oct 16	0808-0905	20.2
7	Oct 16	0910-0945	21.7
8	Oct 16	0959-1038	17.5

TABLE 7.43

Summary of Discharge Measurements
St. Lawrence River
Lights 43/44 Section
1986

Meas. No.	Date	Time (EST)	Discharge (TCFS)
1	Oct 16	1124-1215	9.4
2	Oct 16	1246-1331	8.9
3	Oct 16	1335-1403	8.5
4	Oct 17	0744-0838	9.8
5	Oct 17	1236-1321	8.1
6	Oct 20	1330-1347	11.0

TABLE 7.44

Summary of Discharge Measurements
St. Lawrence River
West - Central Croil Islands Section
1986

Meas. No.	Date	Time (EST)	Discharge (TCFS)
1	Nov 15	1050-1102	12.1
2	Nov 15	1104-1112	10.9
3	Nov 15	1114-1127	11.0
4	Nov 15	1129-1136	10.5

TABLE 7.45

Summary of Discharge Measurements
St. Lawrence River
Morrison to West Croil Islands Section
1987

Meas. No.	Date	Time (EST)	Section Gauge	Discharge (TCFS)
1	---------	----------	--------	-------
2	Nov 14	1155-1323	239.4	576.3
3	Nov 14	1330-1515	239.4	171.2
4	Nov 16	0925-1035	238.9	880.9
5	Nov 16	1040-1145	238.9	382.3
6	Nov 16	1150-1255	238.9	182.8

TABLE 7.46

Summary of Discharge Measurements
St. Lawrence River
Massena Country Club to Central Croil Islands Section
1987

Meas. No.	Date	Time (EST)	Section Gauge	Discharge (TCFS)
1	Nov 14	1037-1236	239.48	158.2
2	Nov 14	1245-1359	239.44	162.7
3	Nov 16	0903-1054	238.98	127.4
4	Nov 16	1102-1248	238.92	140.6
5	Nov 16	1255-1452	238.86	136.3
6	Nov 18	0857-1130	239.95	204.7

TABLE 7.47

Summary of Discharge Measurements
St. Lawrence River
North Wiley Dondero Canal Section
1987

Meas. No.	Date	Time (EST)	Section Gauge	Discharge (TCFS)
1	Nov 17	0909-0936	238.99	15.5
2	Nov 17	0945-1014	238.98	17.1
3	Nov 17	1152-1215	238.98	17.5
4	Nov 17	1220-1242	238.98	16.2
5	Nov 17	1340-1404	239.03	15.7
6	Nov 17	1410-1447	239.04	18.3

TABLE 7.48

Summary of Discharge Measurements
St. Lawrence River
South Wiley Dondero Canal Section
1987

Meas. No.	Date	Time (EST)	Section Gauge	Discharge (TCFS)
1	Nov 17	1033-1059	238.97	34.1
2	Nov 17	1107-1125	238.97	31.5
3	Nov 17	1250-1309	238.98	35.2
4	Nov 17	1314-1332	239.00	34.8
5	Nov 17	1456-1514	239.04	44.0
6	Nov 17	1519-1538	239.05	53.9

TABLE 7.49

Summary of Discharge Measurements
St. Lawrence River
Lights 45/46 Section
1987

Meas. No.	Date	Time (EST)	Section Gauge	Discharge (TCFS)
1	Nov 17	0902-0930	238.96	15.9
2	Nov 17	0934-1001	238.95	15.6
3	Nov 17	1006-1040	238.95	12.9
4	Nov 17	1043-1112	238.95	13.9
5	Nov 17	1124-1154	238.95	14.7
6	Nov 17	1200-1227	238.95	12.6
7	Nov 17	1232-1306	238.95	17.0
8	Nov 17	1313-1347	238.96	14.7
9	Nov 17	1405-1434	239.01	16.6
10	Nov 17	1442-1507	239.01	17.9
11	Nov 17	1514-1548	239.03	18.4