TABLE 5.1

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1901

Meas. No.	Date	Time (EST)	Water Levels (Feet, MTNY) Windmill Pt.	Fort	Amherstburg	Discharge (TCFS)
1	Jul 19	1037-1700	574.98	574.11	571.99	205.9
2	Jul 20	0848-1555	574.93	574.05	571.91	200.2
3	Jul 22	0925-1738	575.00	574.14	571.90	208.7
4	Jul 23	0950-1540	574.95	574.11	572.03	202.0
5	Jul 25	1015-1723	575.00	574.18	572.14	205.0
6	Jul 26	0850-1602	575.02	574.25	572.38	197.2
7	Jul 27	0908-1537	575.08	574.26	572.08	206.1
8	Jul 30	0920-1632	574.92	573.98	571.55	210.3
9	Jul 31	0809-1438	574.97	574.14	572.09	202.2
10	Aug 1	0845-1617	575.03	574.15	571.87	215.6
11	Aug 3	0851-1559	575.05	574.25	572.13	193.9
12	Aug 15	0900-1419	574.84	574.00	571.68	199.5
13	Aug 15	1421-1717	574.84	573.97	571.59	202.6
14	Aug 16	0804-1123	574.93	574.15	571.98	197.1
15	Aug 16	1108-1656	574.90	574.06	571.64	206.6
16	Aug 17	0906-1225	574.94	574.19	572.13	199.0
17	Aug 17	1209-1717	574.94	574.15	571.96	197.8
18	Aug 19	0805-1210	574.94	574.16	572.05	197.6
19	Aug 19	1148-1719	574.94	574.12	571.84	202.8
20	Aug 20	0801-1132	574.96	574.13	571.98	205.7
21	Aug 20	1120-1717	575.00	574.19	572.08	204.2
22	Aug 21	1310-1736	574.96	574.15	572.05	198.5
23	Aug 29	0822-1307	574.93	574.09	571.89	202.2
24	Aug 29	1205-1746	574.93	574.09	571.87	201.0
25	Aug 30	0812-1201	574.88	574.09	571.97	192.5
26	Aug 30	1147-1756	574.96	574.14	571.90	198.9
27	Aug 31	0758-1133	574.99	574.12	571.94	203.6
28	Aug 31	1121-1820	574.98	574.08	571.70	212.9
29	Sep 3	0818-1158	575.01	574.17	572.01	200.9
30	Sep 3	1144-1714	575.00	574.13	571.82	204.4
31	Sep 4	0804-1226	574.99	574.17	572.03	201.0
32	Sep 4	1211-1721	575.01	574.19	571.96	202.8
33	Sep 5	0807-1214	574.99	574.14	571.89	206.6
34	Sep 5	1153-1709	575.00	574.21	572.11	198.3
35	Sep 7	0754-1142	574.96	574.13	571.93	205.7

TABLE 5.1
(Continued)

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1901

Meas. No.	Date	Time (EST)	Water Levels (Feet, MTNY) Windmill Pt.	Fort	Amherstburg	Discharge (TCFS)
36	Sep 7	1129-1649	575.00	574.16	571.98	201.6
37	Sep 17	0849-1448	574.64	573.82	571.72	189.2
38	Sep 24	0918-1443	574.77	573.92	571.76	204.8
39	Oct 7	0848-1633	574.63	573.82	571.66	192.0
40	Oct 8	0804-1417	574.52	573.67	571.36	192.1
41	Oct 10	0815-1334	574.49	573.61	571.28	196.7
42	Oct 10	1321-1709	574.51	573.61	571.28	201.1
43	Oct 11	0813-1403	574.51	573.68	571.51	191.0
44	Oct 12	0907-1446	574.57	573.74	571.67	188.6
45	Oct 16	1122-1651	574.59	573.78	571.56	193.0
46	Oct 17	1235-1613	574.24	573.30	570.85	197.2
47	Oct 19	1009-1605	574.44	573.45	570.77	214.8
48	Oct 21	0804-1140	574.42	573.51	571.06	199.7
49	Oct 21	1110-1624	574.47	573.62	571.41	195.8
50	Oct 31	0847-1518	574.30	573.50	571.45	182.2
51	Nov 29	0844-1529	574.16	573.25	571.11	195.8
52	Nov 30	0805-1431	574.22	573.31	571.08	193.5
53	Dec 2	0756-1451	574.15	573.25	571.10	191.5
54	Dec 3	0809-1352	574.31	573.45	571.46	197.7
55	Dec 4	0922-1530	574.16	573.19	571.05	197.2
56	Dec 10	1128-1610	574.09	573.14	571.10	177.2

TABLE 5.2

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1902

Meas. No.	Date	Time (EST)	Water Levels (Feet, MTNY) Windmill Pt.	Fort	Amherstburg	Discharge (TCFS)
1	Jun 25	0816-1455	574.94	574.29	572.66	166.5
2	Jun 26	0824-1549	574.84	573.84	571.81	184.1
3	Jun 27	0755-1402	574.76	574.05	572.10	209.6
4	Jun 28	0750-1352	574.88	574.17	572.11	199.4
5	Jul 1	0812-1504	575.09	574.35	572.30	200.8
6	Jul 3	0749-1444	575.28	574.45	572.43	205.4
7	Jul 5	1042-1734	575.59	574.72	572.54	219.5
8	Jul 7	0902-1508	575.44	574.70	572.68	208.4
9	Jul 8	0837-1446	575.43	574.70	572.70	206.6
10	Jul 9	0756-1446	575.36	574.62	572.65	206.5
11	Jul 10	0834-1536	575.45	574.71	572.82	215.3
12	Jul 11	1027-1716	575.39	574.68	572.90	198.9
13	Jul 12	1347-1711	575.36	574.65	572.82	198.3
14	Jul 14	1105-1606	575.27	574.59	572.80	199.3
15	Jul 15	0822-1408	575.27	574.37	572.32	211.9
16	Jul 18	0813-1411	575.34	574.59	572.67	200.8
17	Jul 19	0800-1349	575.25	574.62	572.99	170.5
18	Jul 21	0756-1422	575.48	574.62	572.51	211.2
19	Jul 22	0759-1345	575.61	574.81	572.96	208.3
20	Jul 23	1031-1611	575.52	574.74	572.80	203.6
21	Jul 24	0803-1535	575.55	574.85	573.02	200.6
22	Jul 25	0834-1509	575.54	574.90	573.11	206.8
23	Jul 26	0814-1405	575.51	574.81	572.95	204.8
24	Jul 28	0800-1419	575.54	574.84	572.90	209.7
25	Jul 29	0755-1408	575.63	574.90	573.14	204.9
26	Jul 30	0804-1404	575.56	574.89	573.06	205.2
27	Jul 31	0758-1348	575.59	574.82	572.98	206.4
28	Aug 1	0748-1405	575.62	574.84	572.96	210.0
29	Aug 2	0836-1413	575.56	574.80	572.95	202.9
30	Aug 4	0812-1355	575.46	574.77	572.90	199.6
31	Aug 5	0830-1422	575.40	574.68	572.97	190.0
32	Aug 6	1139-1646	575.43	574.70	572.70	191.8
33	Oct 7	1011-1608	574.99	574.27	572.62	188.5
34	Oct 8	0752-1505	574.82	574.07	572.12	180.2

TABLE 5.2
(Continued)

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1902

Meas. No.	Date	Time (EST)	Water Levels (Feet, MTNY) Windmill Pt.	Fort	Amherstburg	Discharge (TCFS)
35	Oct 9	0825-1418	575.19	574.57	573.31	186.8
36	Oct 14	0756-1551	574.63	573.84	571.82	198.9
37	Oct 16	0752-1140	574.79	574.25	572.86	184.4
38	Oct 16	1142-1552	574.85	574.12	572.17	201.4
39	Oct 17	0752-1153	574.91	574.14	572.37	191.8
40	Oct 18	0800-1051	574.76	574.05	572.25	183.0
41	Oct 20	0758-1153	574.72	574.00	572.15	193.7
42	Oct 21	0755-1153	574.80	574.09	572.38	195.6
43	Oct 22	1200-1551	574.74	574.05	572.30	195.4
44	Oct 23	0752-1346	574.87	574.19	572.66	188.5
45	Oct 24	0812-1140	574.60	573.84	572.24	170.1
46	Oct 25	0749-1208	574.93	574.12	572.48	188.8
47	Oct 27	0817-1406	574.66	573.89	571.85	199.5
48	Oct 28	0823-1334	574.67	573.91	571.91	200.9
49	Oct 29	0807-1559	574.58	573.98	572.18	192.9
50	Oct 31	0750-1127	574.71	573.99	572.47	194.2
51	Oct 31	1128-1529	574.77	574.11	572.37	184.8
52	Nov 1	0755-1155	574.70	573.93	571.95	192.8
53	Nov 3	0805-1056	574.58	573.63	571.55	208.1
54	Nov 3	1058-1443	574.64	573.89	572.26	199.6
55	Nov 4	0814-1414	574.61	573.91	572.04	188.4
56	Nov 14	0839-1324	574.50	573.86	572.18	185.4
57	Nov 15	0800-1126	574.33	573.47	571.34	201.2
58	Nov 15	1143-1506	574.38	573.62	571.94	187.0
59	Nov 17	0904-1404	574.73	574.03	571.94	192.0
60	Nov 19	1152-1522	574.56	573.84	572.14	188.0
61	Nov 20	0844-1332	574.59	573.84	572.07	189.8

TABLE 5.3

Summary of Discharge Measurements
Detroit River
Trenton Channel
1912-1925

Year	Date	Water Levels (Feet, 1903Datum) Fort Wayne	Wigle	Discharge (TCFS)
1912	Aug 29	574.54		38.9
	Aug 30	574.42		40.5
	Dec 5	573.94		44.3
1922	Aug 31	574.29	572.67	41.9
	Oct 27	573.62	572.00	41.3
1923	Oct 8-9	573.35	571.48	42.1
1924	Aug 7-8	574.07	572.55	38.7
	Oct 17-18	573.51	572.04	39.6
1925	Jul 27	572.88	571.35	37.7
	Jul 28	572.78	571.12	38.2
	Jul 29	572.83	571.42	35.7
	Jul 30	572.86	571.30	38.7
	Aug 4	573.01	571.61	36.8

TABLE 5.4

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1928

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1903 Datum) Windmill Point	Fort Wayne	Discharge (TCFS)
1	Sep 14	0845-1141	575.13	574.39	181.8
2	Sep 14	1307-1619	575.19	574.49	182.4
3	Sep 17	0853-1148	575.06	574.24	187.4
4	Sep 17	1256-1612	575.05	574.21	197.4
5	Sep 18	0840-1134	575.12	574.21	206.1
6	Sep 18	1309-1558	575.17	574.39	197.3
7	Sep 19	0832-1131	575.27	574.71	179.9
8	Sep 19	1307-1609	575.20	574.48	188.0
9	Sep 20	1009-1257	575.11	574.21	199.9
10	Sep 20	1301-1536	575.08	574.21	193.6

TABLE 5.5

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1930

Meas. No.	Date	Water Levels (Feet, 1930 Datum) Windmill Point	Fort Wayne	Discharge (TCFS)
1	Jul 19	575.98	575.12	204.7
2	Jul 21	575.94	574.96	213.4
3	Jul 21	576.06	575.12	214.5
4	Jul 22	576.05	575.18	207.9
5	Jul 22	576.09	575.26	209.3
6	Jul 23	576.07	575.25	209.2
7	Jul 23	576.05	575.26	207.9
8	Jul 24	575.96	575.15	203.4
9	Jul 24	575.95	575.06	207.4
10	Jul 25	576.04	575.18	211.4
11	Jul 25	576.07	575.28	204.4
12	Jul 26	575.97	575.17	196.0
13	Jul 26	575.95	575.08	208.8
14	Jul 28	576.01	575.19	207.0
15	Jul 28	576.02	575.24	197.1
16	Jul 29	576.00	575.11	208.7
17	Jul 29	575.99	575.08	209.6
18	Jul 30	576.00	575.03	214.8

Table 5.6

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1933

Meas. No.	Date	Time (EST)	Water Levels (Feet, MTNY) Windmill Pt.	Fort	Wyandotte	Discharge (TCFS)
1	Sep 12	1317-1602	573.86	573.31	573.03	159.2
2	Sep 13	0910-1140	573.97	573.44	573.22	152.6
3	Sep 13	1233-1514	573.95	573.49	573.28	139.0
4	Sep 15	0842-1149	574.00	573.38	573.08	166.6
5	Sep 15	1336-1627	573.95	573.37	573.05	165.2
6	Sep 18	0855-1225	573.59	572.84	572.46	171.0
7	Sep 18	1303-1628	573.65	572.92	572.50	168.6
8	Sep 19	0848-1152	573.72	573.20	572.89	142.8
9	Sep 19	1308-1545	573.67	573.12	572.78	155.6
10	Sep 21	0844-1126	573.44	572.74	572.36	165.2
11	Sep 21	1252-1536	573.47	572.81	572.46	166.2
12	Sep 22	0844-1139	573.63	573.01	572.74	153.5
13	Sep 25	0838-1203	573.65	573.10	573.74	155.8
14	Sep 27	0844-1132	573.81	573.04	573.65	178.2
15	Sep 27	1245-1539	573.75	573.18	572.84	153.6

TABLE 5.7

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1937

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) Windmill Pt.	Fort Wayne	Wyandotte	Gibraltar	Discharge (TCFS)
1	Jun 29	0857-1238	574.69	574.09	573.86	572.80	159.6
2	Jun 29	1304-1651	574.69	574.04	573.86	572.59	177.8
3	Jun 30	0847-1227	574.69	574.03	573.76	572.66	173.6
4	Jun 30	1241-1624	574.69	574.14	573.76	572.85	165.3
5	Jul 1	0835-1157	574.63	574.03	573.71	572.73	168.4
6	Jul 1	1223-1555	574.63	574.11	573.71	572.87	163.4
7	Jul 6	0904-1206	574.66	574.07	573.85	572.89	167.0
8	Jul 6	1235-1601	574.66	574.11	573.85	572.94	163.4
9	Jul 7	0826-1209	574.64	574.04	573.83	572.80	163.8
10	Jul 7	1223-1529	574.64	574.07	573.83	572.73	168.4
11	Jul 8	0829-1231	574.63	574.09	573.77	572.84	161.6
12	Jul 8	1244-1535	574.63	574.04	573.77	572.71	166.8
13	Jul 9	0826-1205	574.59	574.02	573.70	572.72	161.0
14	Jul 9	1241-1539	574.59	574.05	573.70	572.80	161.0
15	Jul 10	0845-1204	574.58	574.05	573.77	------	165.2
16	Jul 10	1216-1535	574.58	574.08	573.77	------	159.2
17	Jul 12	0836-1218	574.66	574.12	573.86	572.98	158.0
18	Jul 12	1231-1521	574.66	574.17	573.86	573.00	148.3
19	Jul 13	0812-1139	574.69	574.12	573.80	572.78	167.8
20	Jul 14	0843-1219	574.70	574.02	573.82	572.61	171.0
21	Jul 14	1227-1519	574.70	574.09	573.82	572.79	154.3
22	Jul 16	0824-1220	574.72	574.09	573.76	572.75	171.2
23	Jul 16	1239-1541	574.72	574.21	573.76	------	151.7
24	Jul 19	0816-1204	574.69	574.09	573.90	572.80	165.6
25	Jul 19	1222-1534	574.69	574.12	573.90	572.82	166.4

TABLE 5.8

Summary of Discharge Measurements
Detroit River
Trenton Channel Section
1930

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Fort Wayne	Wyandotte	Wigle	Gibraltar	Discharge (TCFS) 1930	1933*
1	Jul 12	575.26	574.78	573.61	573.55	47.6	48.3
2	Jul 12	575.23	574.83	573.78	573.75	44.8	45.5
3	Jul 14	575.19	574.77	573.65	573.46	46.5	47.2
4	Jul 14	575.23	574.84	573.78	573.61	46.2	46.8
5	Jul 15	575.23	574.78	573.69	573.50	46.7	47.3
6	Jul 15	575.30	574.92	573.93	573.77	44.2	44.9

* Recomputed using 1933 panel areas and vertical velocity coefficients. See Subsection 5.4.3 of main report.

TABLE 5.9

Summary of Discharge Measurements
Detroit River
Stony Island Section
1930

Meas. No.	Date	WaterLevels (Feet, 1903 Datum) Ouellette	Wigle	Discharge (TCFS)
1	Jun 19	574.29	573.75	13.7
2	Jun 19	574.06	573.46	14.0
3	Jun 20	574.51	573.94	14.7
4	Jun 20	574.45	573.89	14.9
5	Jul 11	574.50	573.91	11.4
6	Jul 11	574.51	573.87	12.3

TABLE 5.10

Summary of Discharge Measurements
Detroit River
Limekiln Crossing Section
1930

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Ouellette	Wigle	Discharge (TCFS)
1	Jun 5	574.40	573.89	98.1
2	Jun 5	574.46	574.04	89.1
3	Jun 7	574.18	573.55	103.8
4	Jun 7	574.06	573.44	104.6
5	Jul 10	574.40	573.70	108.8
6	Jul 10	574.37	573.73	105.1

TABLE 5.11

Summary of Discharge Measurements
Detroit River
Dry Cut Section
1930

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Ouellette	Wigle	Discharge (TCFS)
1	May 26	574.53	573.98	40.0
2	May 26	574.44	573.87	40.3
3	May 27	574.53	573.98	38.6
4	May 27	574.46	574.90	40.9
5	May 27	574.56	574.06	37.6
6	May 27	574.66	574.19	37.3
7	Jul 9	574.25	573.54	44.3
8	Jul 9	574.22	573.53	43.9
9	Jul 9	574.36	573.77	40.1

TABLE 5.12

Summary of Discharge Measurements
Detroit River
Trenton Channel Section
1933

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Discharge (TCFS)
1	Jul 19	574.37	573.79	573.48	572.16	40.4
2	Jul 19	574.40	573.76	573.36	571.81	42.4
3	Jul 20	574.36	573.75	573.40	572.04	42.3
4	Jul 21	574.35	573.68	573.32	571.89	41.5
5	Jul 21	574.34	573.69	573.33	571.88	41.0
6	Jul 21	574.33	573.67	573.32	571.98	41.6
7	Jul 22	574.35	573.74	573.40	572.05	40.1
8	Jul 22	574.37	573.72	573.37	571.94	40.9
9	Jul 22	574.38	573.73	573.37	571.94	42.0
10	Jul 22	574.38	573.74	573.39	571.95	42.3
11	Jul 22	574.37	573.75	573.40	572.01	41.1
12	Jul 24	574.50	573.99	573.59	572.04	43.7
13	Jul 24	574.49	573.82	573.46	572.01	42.6
14	Sep 8	573.83	573.22	572.83	571.19	40.3
15	Sep 8	573.83	573.16	572.78	571.13	40.6
16	Sep 8	573.82	573.16	572.77	571.19	39.7
17	Sep 8	573.82	573.23	572.84	571.45	38.0
18	Sep 8	573.83	573.25	572.86	571.53	38.6
19	Sep 8	573.83	573.26	572.87	571.54	38.1
20	Sep 9	573.79	573.18	572.84	571.38	39.8
21	Sep 9	573.82	573.18	572.85	571.41	38.3
22	Sep 9	573.83	573.19	572.85	571.40	40.0
23	Sep 9	574.86	573.26	572.88	571.37	41.9
24	Sep 9	573.86	573.26	572.91	571.35	42.0
25	Sep 9	573.86	573.26	572.92	571.23	42.5

TABLE 5.13

Summary of Discharge Measurements
Detroit River
Limekiln Crossing Section
1933

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Windmill Point	Fort Wayne	Wyandotte	Ouellette	Wigle	Discharge (TCFS)
1	Aug 9	574.24	573.66	573.30	573.03	572.00	112.8
2	Aug 9	574.24	573.66	573.33	573.07	572.07	110.8
3	Aug 10	574.23	573.62	573.28	573.02	572.07	107.0
4	Aug 10	574.24	573.70	573.37	573.13	572.23	107.3
5	Aug 10	574.23	573.73	573.42	573.17	572.23	107.2
6	Aug 15	574.18	573.58	573.21	572.93	571.88	111.0

TABLE 5.14

Summary of Discharge Measurements
Detroit River
Stony Island Section
1933

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Windmill Point	Fort Wayne	Wyandotte	Ouellette	Section	Wigle	Discharge (TCFS)
1	Aug 24	574.11	573.44	573.07	572.78	572.30	571.63	10.6
2	Aug 25	574.07	573.48	573.11	572.83	572.39	571.78	10.4
3	Aug 25	574.07	573.46	573.10	572.80	572.44	571.71	10.3
4	Aug 25	574.07	573.44	573.07	572.76	572.46	571.67	10.1
5	Aug 25	574.06	573.45	573.07	572.76	572.48	571.67	10.3

TABLE 5.15

Summary of Discharge Measurements
Detroit River
Amherstburg Channel Section
1933

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Windmill Point	Wyandotte	Ouellette	Wigle	Discharge (TCFS)
1	Aug 16	574.05	573.03	572.76	571.71	66.7
2	Aug 18	574.06	573.11	572.88	571.94	63.6
3	Aug 18	574.05	573.10	572.84	571.72	71.6
4	Aug 19	574.15	573.18	572.85	571.70	70.8
5	Aug 19	574.15	573.08	572.75	571.54	72.0
6	Aug 21	574.05	573.31	573.15	572.31	61.4
7	Aug 21	573.96	573.40	573.22	572.43	60.9
8	Sep 5	573.83	572.84	572.52	571.36	66.9
9	Sep 5	573.84	572.87	572.57	571.55	63.9

TABLE 5.16

Summary of Discharge Measurements
Detroit River
Sugar Island Section
1933

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Windmill Point	Wyandotte	Ouellette	Wigle	Lower Dike	Discharge (TCFS)
1	Aug 22	574.15	573.30	573.04	572.06	------	15.1
2	Aug 22	574.11	573.28	573.02	572.06	571.67	14.7
3	Aug 22	574.14	573.26	573.05	572.14	571.78	15.0
4	Aug 23	574.17	573.22	573.03	572.10	------	14.4
5	Aug 23	574.16	573.29	573.07	572.17	571.86	14.6
6	Aug 23	574.18	573.28	573.01	571.97	571.60	15.6

TABLE 5.17

Summary of Discharge Measurements
Detroit River
North Bois Blanc Section
1933

Meas. No.	Date	Water Levels (Feet, 1903 Datum) Windmill Point	Wyandotte	Ouellette	Wigle	Discharge (TCFS)
1	Aug 26	574.05	573.08	572.82	571.82	42.9
2	Aug 26	574.06	573.13	572.83	571.76	44.1
3	Aug 28	574.03	573.00	572.68	571.48	45.4
4	Aug 28	574.01	573.07	572.84	571.79	42.3
5	Aug 29	574.05	573.18	572.91	571.80	44.1
6	Aug 29	574.04	573.12	572.83	571.69	45.0
7	Aug 31	574.04	573.10	572.83	571.75	42.4
8	Sep 1	574.01	573.11	572.86	571.89	40.9

TABLE 5.18

Summary of Discharge Measurements
Detroit River
Belle Isle Section
1937

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1903 Datum) Windmill Point	Fort Wayne	Discharge* (TCFS)
1	Sep 17	0838-1019	574.02	573.41	49.4
2	Sep 17	1020-1131	574.06	573.44	46.9
3	Sep 17	1140-1326	574.08	573.46	47.9
4	Sep 17	1326-1436	574.07	573.46	47.3
5	Sep 17	1441-1539	574.04	573.43	46.8
6	Sep 20	0940-1119	573.94	573.28	50.4
7	Sep 20	1136-1254	573.96	573.29	48.5
8	Sep 20	1303-1408	573.97	573.36	48.0
9	Sep 20	1408-1514	573.97	573.38	47.3
10	Sep 23	1132-1237	573.93	573.35	46.4

* Discharge through the section, does not include diversions upstream.

TABLE 5.19

Summary of Discharge Measurements
Detroit River
Stony Island Section
1937

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1903 Datum) Windmill Point	Wyandotte	Wigle	Discharge (TCFS)
1	Aug 6	1340-1537	574.50	573.63	572.59	9.0
2	Aug 7	0936-1137	574.46	573.61	572.71	8.8
3	Aug 7	1144-1313	574.42	573.66	572.78	8.9
4	Aug 7	1339-1518	574.48	573.65	572.83	8.8
5	Aug 9	0859-1048	574.55	573.65	572.91	8.2
6	Aug 9	1049-1233	574.55	573.72	572.96	8.7
7	Aug 10	0934-1129	574.58	573.74	572.77	9.2
8	Aug 10	1147-1320	574.57	573.81	572.86	9.0
9	Aug 10	1324-1512	574.57	573.75	572.90	9.0
10	Aug 10	1514-1623	574.57	573.75	572.89	9.1

TABLE 5.20

Summary of Discharge Measurements
Detroit River
Dry Cut Section
1937

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1903 Datum) Windmill Point	Wyandotte	Ouellette	Wigle	Discharge (TCFS)
1	Aug 11	1052-1158	574.57	573.65	573.37	572.65	42.0
2	Aug 11	1230-1318	574.56	573.63	573.34	572.61	42.9
3	Aug 12	1111-1210	574.48	573.47	573.21	572.51	40.9
4	Aug 12	1214-1304	574.47	573.47	573.13	572.33	43.1
5	Aug 12	1317-1424	574.46	573.46	573.08	572.23	44.4
6	Aug 12	1433-1535	574.46	573.45	573.08	572.24	45.4
7	Aug 16	1034-1154	574.45	573.60	573.26	572.56	40.0
8	Aug 16	1306-1415	574.45	573.64	573.38	572.75	40.1
9	Aug 16	1454-1551	574.44	573.64	573.47	572.90	38.0
10	Aug 17	1208-1319	574.46	573.49	573.20	572.48	41.7

TABLE 5.21

Summary of Discharge Measurements
Detroit River
Limekiln Crossing Section
1937

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1903 Datum) Windmill Point	Fort Wayne	Wyandotte	Wigle	Discharge (TCFS)
1	Jul 29	0940-1351	574.50	574.03	573.76	572.98	64.0
2	Aug 2	0938-1324	574.52	574.00	573.63	572.83	66.9
3	Aug 2	1340-1611	574.52	574.02	573.63	572.78	70.2
4	Aug 3	0901-1110	574.48	573.85	573.61	572.53	73.3
5	Aug 3	1119-1427	574.52	573.92	573.62	572.68	68.1
6	Aug 3	1436-1610	574.58	573.97	573.69	572.88	65.4
7	Aug 4	0913-1117	574.45	573.83	573.55	572.49	71.9
8	Aug 4	1118-1247	574.46	573.80	573.47	572.41	72.6
9	Aug 4	1301-1426	574.47	573.84	573.59	572.49	72.1
10	Aug 4	1428-1550	574.47	573.87	573.59	572.60	69.8

TABLE 5.22

Summary of Discharge Measurements
Detroit River
Trenton Channel Section
1937

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1903 Datum) Windmill Point	Wyandotte	Gibraltar	Discharge (TCFS)
1	Jul 22	1109-1404	574.50	573.77	572.70	37.7
2	Jul 22	1407-1534	574.52	573.74	572.70	37.0
3	Jul 23	0818-0950	574.54	573.68	572.67	37.4
4	Jul 23	0952-1155	574.54	573.71	572.69	36.5
5	Jul 23	1205-1326	574.53	573.73	572.76	36.4
6	Jul 23	1330-1526	574.54	573.75	572.79	35.4
7	Jul 24	0810-0940	574.58	573.71	572.66	37.7
8	Jul 24	0941-1057	574.58	573.73	572.71	37.7
9	Jul 24	1058-1207	574.54	573.73	572.68	37.0
10	Jul 24	1254-1426	574.56	573.72	572.67	37.3
11	Jul 24	1427-1539	574.58	573.76	572.58	38.7
12	Jul 27	0819-0925	574.27	573.14	571.54	39.8
13	Jul 27	0925-1039	574.30	573.10	571.73	40.2
14	Jul 27	1040-1148	574.32	573.23	572.12	38.6

TABLE 5.23

Summary of Discharge Measurements
Detroit River
Sugar Island Section
1937

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1903 Datum) Windmill Point	Wyandotte	Ouellette	Wigle	Discharge (TCFS)
1	Aug 18	1129-1300	574.54	573.80	573.51	572.87	18.5
2	Aug 18	1300-1406	574.52	573.77	573.46	572.83	17.0
3	Aug 18	1416-1515	574.51	573.75	573.49	572.87	17.1
4	Aug 18	1515-1614	574.50	573.72	573.45	572.76	18.1
5	Aug 20	0905-1006	574.41	573.55	573.22	572.51	17.9
6	Aug 20	1007-1128	574.39	573.50	573.12	572.36	18.1
7	Aug 20	1144-1300	574.36	573.40	573.10	572.42	16.9
8	Aug 20	1302-1400	574.37	573.41	573.13	572.50	16.0
9	Aug 21	0848-0959	574.45	573.63	573.45	572.83	16.5
10	Aug 21	1002-1112	574.45	573.67	573.45	572.80	16.7
11	Aug 21	1115-1222	574.44	573.71	573.45	572.80	17.3

TABLE 5.24

Summary of Discharge Measurements
Detroit River
Sugar Island Dike Section
1937

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1903 Datum) Windmill Point	Wyandotte	Ouellette	Wigle	Discharge (TCFS)
1	Sep 3	0847-0925	574.23	573.35	573.07	572.40	67.3
2	Sep 3	0928-0958	574.22	573.36	573.08	572.41	67.1
3	Sep 3	0959-1028	574.22	573.36	573.07	572.39	70.1
4	Sep 3	1029-1057	574.21	573.37	573.06	572.35	68.6
5	Sep 3	1231-1257	574.17	573.38	573.00	572.29	67.5
6	Sep 3	1258-1325	574.17	573.38	573.00	572.29	68.1
7	Sep 3	1326-1401	574.19	573.38	572.98	572.30	64.8
8	Sep 3	1402-1429	574.20	573.38	572.98	572.31	65.8
9	Sep 3	1438-1501	574.21	573.37	572.99	572.33	64.8
10	Sep 4	0842-0912	574.34	573.34	573.05	572.24	72.8
11	Sep 4	0913-0940	574.34	573.35	573.06	572.27	76.1
12	Sep 4	0941-1014	574.33	573.36	573.08	572.32	72.0
13	Sep 4	1015-1041	574.32	573.37	573.11	572.36	68.7

TABLE 5.25

Summary of Discharge Measurements
Detroit River
Lower Cut Section
1937

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1903 Datum) Windmill Point	Wyandotte	Ouellette	Wigle	Discharge (TCFS)
1	Aug 23	1245-1430	574.52	573.66	573.36	572.65	37.1
2	Aug 23	1431-1543	574.52	573.69	573.47	572.89	32.5
3	Aug 24	0909-1008	574.52	573.66	573.41	572.80	34.7
4	Aug 24	1009-1108	574.51	573.68	573.44	572.82	35.6
5	Aug 24	1119-1222	574.51	573.71	573.44	572.75	36.7
6	Aug 24	1223-1313	574.51	573.73	573.38	572.68	35.7
7	Aug 24	1332-1427	574.50	573.73	573.34	572.60	37.8
8	Aug 24	1428-1537	574.50	573.73	573.34	572.58	37.2
9	Aug 25	0922-1031	574.48	573.80	573.49	572.90	33.5
10	Aug 25	1031-1142	574.49	573.81	573.53	573.04	31.7

TABLE 5.26

Summary of Discharge Measurements
Detroit River
Bois Blanc Dike Section
1937

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1903 Datum) Windmill Point	Wyandotte	Ouellette	Wigle	Discharge (TCFS)
1	Sep 8	0905-0956	574.26	573.38	573.18	572.50	44.3
2	Sep 8	0957-1025	574.26	573.41	573.22	572.57	44.0
3	Sep 8	1028-1055	574.26	573.43	573.24	572.59	44.4
4	Sep 8	1056-1120	574.26	573.44	573.25	572.60	44.9
5	Sep 8	1132-1159	574.26	573.46	573.26	572.63	43.8
6	Sep 8	1159-1232	574.26	573.48	573.26	572.65	43.2
7	Sep 9	1238-1302	574.21	573.29	572.99	572.26	43.1
8	Sep 9	1303-1331	574.21	573.30	573.00	572.28	41.9
9	Sep 9	1353-1428	574.21	573.33	573.02	572.32	41.6

TABLE 5.27

Summary of Discharge Measurements
Detroit River
Amherstburg Channel Section
1937

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1903 Datum) Windmill Point	Wyandotte	Ouellette	Wigle	Discharge (TCFS)
1	Aug 27	1119-1351	574.43	573.56	573.38	572.69	56.8
2	Aug 27	1400-1549	574.43	573.53	573.27	572.58	59.0
3	Aug 30	0909-1128	574.37	573.53	573.16	572.48	57.7
4	Aug 30	1145-1344	574.38	573.56	573.27	572.63	55.3
5	Aug 30	1346-1517	574.37	573.55	573.30	572.66	55.9
6	Aug 31	0900-1018	574.36	573.43	573.08	572.36	57.5
7	Aug 31	1028-1252	574.36	573.45	573.12	572.44	55.5
8	Aug 31	1304-1442	574.36	573.46	573.27	572.68	53.0
9	Sep 1	0914-1121	574.33	573.43	573.12	572.35	59.7
10	Sep 1	1123-1310	574.34	573.39	573.07	572.28	60.2
11	Sep 1	1318-1503	574.33	573.42	573.12	572.38	57.2
12	Sep 2	0901-1026	574.28	573.41	573.11	572.42	57.1
13	Sep 2	1033-1241	574.27	573.38	573.10	572.38	57.2

TABLE 5.28

Summary of Discharge Measurements
Detroit River
Trenton Channel Section
1941

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) Windmill Point	Fort Wayne	Wyandotte	Gibralter	Discharge (TCFS)
1	May 17	0912-1148	574.20	573.36	572.95	571.32	46.6
2	May 17	1250-1513	574.25	573.39	572.98	571.42	45.2
3	May 19	0926-1140	574.15	573.40	572.98	571.57	43.2
4	May 19	1142-1352	574.14	573.39	573.02	571.66	43.1
5	May 19	1426-1621	574.15	573.41	573.03	571.71	43.1
6	May 20	0926-1057	574.18	573.42	573.04	571.65	43.0
7	May 20	1058-1240	574.16	573.43	573.03	571.63	42.6
8	May 20	1313-1446	574.17	573.44	573.02	571.67	42.4
9	May 21	0853-1018	574.16	573.41	572.97	571.64	41.8
10	May 21	1020-1200	574.15	573.41	572.99	571.65	43.6
11	May 21	1235-1415	574.15	573.40	573.00	571.66	41.8
12	May 21	1437-1550	574.17	573.40	572.95	571.69	40.9
13	May 22	0902-1035	574.26	573.41	573.06	571.67	43.1
14	May 22	1037-1159	574.28	573.41	573.03	571.61	43.8
15	May 22	1255-1415	574.30	573.41	573.03	571.65	43.2
16	May 22	1417-1533	574.30	573.41	573.06	571.75	41.4
17	May 23	0850-1011	574.14	573.48	573.09	571.70	41.9
18	May 23	1011-1127	574.16	573.48	573.07	571.67	42.5
19	May 23	1230-1348	574.18	573.44	573.02	571.58	43.1
20	May 23	1348-1507	574.20	573.42	573.03	571.50	43.6

TABLE 5.29

Summary of Discharge Measurements
Detroit River
Trenton Channel Section
1944

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) Windmill Point	Fort Wayne	Wyandotte	Wigle	Gibraltar	Discharge (TCFS)
1	Aug 5	1031-1146	575.74	574.93	574.49	573.20	573.06	46.9
2	Aug 5	1229-1357	575.72	574.90	574.45	573.14	573.00	46.2
3	Aug 7	0759-0926	575.88	575.13	574.77	573.79	573.77	47.1
4	Aug 7	0944-1050	575.87	575.19	574.88	574.01	574.00	44.8
5	Aug 7	1136-1245	575.84	575.27	575.05	574.33	574.26	42.4
6	Aug 7	1255-1357	575.88	575.32	575.04	574.21	574.12	42.4
7	Aug 8	0803-0908	575.84	575.00	574.55	573.25	573.11	49.9
8	Aug 8	0930-1026	575.80	574.98	574.54	573.27	573.13	49.1
9	Aug 8	1143-1254	575.74	575.01	574.62	573.46	573.35	47.3
10	Aug 8	1308-1414	575.77	575.05	574.67	573.56	573.45	48.3

TABLE 5.30

Summary of Discharge Measurements
Detroit River
Limekiln Crossing Section
1944

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) Windmill Point	Fort Wayne	Wyandotte	Ouellette	Wigle	Gibraltar	Discharge (TCFS)
1	Aug 15	1312-1500	575.68	574.89	574.45	574.08	573.31	573.32	84.0
2	Aug 16	0912-1133	575.65	574.80	574.36	573.98	573.11	572.99	87.7
3	Aug 16	1220-1414	575.68	574.93	574.54	574.20	573.43	573.28	82.6
4	Aug 17	0858-1050	575.71	574.90	574.46	574.09	573.20	573.07	89.6
5	Aug 17	1132-1359	575.78	574.93	574.52	574.16	573.29	573.15	88.8
6	Aug 18	0904-1058	575.72	574.83	574.34	574.00	573.05	572.89	89.7

TABLE 5.31

Summary of Discharge Measurements
Detroit River
Amherstburg Channel Section
1944

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) Windmill Point	Fort Wayne	Wyandotte	Ouellette	Wigle	Gibraltar	Discharge (TCFS)
1	Aug 22	0849-1034	575.59	574.71	574.23	573.88	572.96	572.89	70.1
2	Aug 22	1121-1257	575.60	574.78	574.34	574.04	573.28	573.18	65.2
3	Aug 23	0822-0948	575.68	574.85	574.40	574.03	573.06	572.97	72.6
4	Aug 23	1009-1120	575.65	574.82	574.41	574.05	573.17	573.04	69.6
5	Aug 24	0830-1001	575.59	574.74	574.37	574.06	573.39	573.34	60.6
6	Aug 24	1012-1139	575.66	574.88	574.49	574.15	573.36	573.35	67.4
7	Aug 24	1223-1353	575.80	575.00	574.60	574.24	573.44	573.12	67.9

TABLE 5.32

Summary of Discharge Measurements
Detroit River
Boblo Dike Section
1944

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) Windmill Point	Fort Wayne	Wyandotte	Ouellette	Wigle	Gibraltar	Discharge (TCFS)
1	Sep 4	0831-0906	575.59	574.77	574.32	573.93	573.14	573.05	6.56
2	Sep 4	0910-0936	575.58	574.81	574.35	573.97	573.18	573.13	6.88
3	Sep 4	0942-1010	575.54	574.80	574.37	574.01	573.28	573.23	6.50
4	Sep 5	0829-0852	575.56	574.61	574.08	573.74	572.66	572.41	7.78
5	Sep 5	0856-0919	575.54	574.59	574.06	573.65	572.58	572.39	7.67
6	Sep 5	0926-0949	575.55	574.57	574.03	573.58	572.58	572.39	7.67

TABLE 5.33

Summary of Discharge Measurements
Detroit River
Dry Cut Section
1944

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) Windmill Point	Fort Wayne	Wyandotte	Ouellette	Wigle	Gibraltar	Discharge (TCFS)
1	Sep 2	0922-1041	575.33	574.44	573.92	573.47	572.55	572.38	52.7
2	Sep 2	1122-1236	575.39	574.48	573.97	573.52	572.62	572.45	52.3
3	Sep 4	1133-1221	575.55	574.82	574.39	574.07	573.38	573.35	48.2
4	Sep 4	1240-1354	575.50	574.82	574.47	574.28	573.76	573.67	41.3
5	Sep 5	1100-1141	575.52	574.57	574.04	573.57	572.57	572.38	55.2
6	Sep 5	1152-1252	575.49	574.56	574.04	573.55	572.42	572.22	57.9

TABLE 5.34

Summary of Discharge Measurements
Detroit River
Lower Cut Section
1944

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) Windmill Point	Fort Wayne	Wyandotte	Ouellette	Wigle	Gibraltar	Discharge (TCFS)
1	Aug 25	0855-1024	575.64	574.75	574.27	573.88	572.93	572.82	45.4
2	Aug 25	1120-1207	575.66	574.80	574.35	573.96	573.08	573.00	42.2
3	Aug 25	1222-1335	575.61	574.82	574.39	574.03	573.22	573.19	41.8
4	Aug 26	0840-0937	575.70	574.93	574.55	574.20	573.38	573.25	42.4
5	Aug 26	0952-1039	575.67	574.93	574.55	574.16	573.29	573.21	43.0
6	Aug 26	1130-1230	575.67	574.88	574.49	574.11	573.27	573.20	42.9

TABLE 5.35

Summary of Discharge Measurements
Detroit River
Sugar Island Dike Section
1944

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) Windmill Point	Fort Wayne	Wyandotte	Ouellette	Wigle	Gibraltar	Discharge (TCFS)
1	Sep 8	1300-1321	575.51	574.74	574.32	573.96	573.13	573.01	10.4
2	Sep 8	1335-1406	575.54	574.75	574.32	573.96	573.10	572.99	10.3
3	Sep 9	0846-0908	575.53	574.70	574.23	573.84	572.89	572.76	10.5
4	Sep 9	0922-0953	575.53	574.69	574.23	573.82	572.89	572.77	10.5
5	Sep 9	1002-1031	575.52	574.70	574.23	573.82	572.89	572.78	10.4

TABLE 5.36

Summary of Discharge Measurements
Detroit River
Sugar Island Section
1944

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) Windmill Point	Fort Wayne	Wyandotte	Ouellette	Wigle	Gibraltar	Discharge (TCFS)
1	Sep 6	1136-1233	575.49	574.79	574.38	574.04	573.30	573.20	20.6
2	Sep 6	1253-1409	575.42	574.69	574.30	573.96	573.08	572.88	24.0
3	Sep 7	0854-0945	575.29	574.47	574.04	573.68	572.85	572.69	21.4
4	Sep 7	1001-1053	575.37	574.53	574.03	573.60	572.72	572.42	22.3
5	Sep 7	1212-1306	575.29	574.44	573.94	573.48	572.49	572.20	23.3

TABLE 5.37

Summary of Discharge Measurements
Detroit River
Trenton Channel Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (TCFS)
1	Jun 25	0905-1028	572.48	571.34	571.76	570.16	39.4
2	Jun 25	1031-1131	572.45	571.39	571.76	570.26	37.9
3	Jun 25	1139-1244	572.46	571.43	571.80	570.28	38.6
4	Jun 25	1247-1409	572.46	571.43	571.81	570.25	37.4
5	Jun 25	1418-1527	572.47	571.40	571.81	570.19	38.4
6	Jun 25	1530-1622	572.48	581.38	571.80	570.15	38.8
7	Jun 27	1401-1457	572.43	571.36	571.77	570.18	38.1
8	Jun 27	1502-1604	572.46	571.37	571.78	570.13	39.1
9	Jun 28	1412-1520	572.48	571.45	571.84	570.38	38.5
10	Jun 28	1522-1610	572.59	571.49	571.92	570.38	37.6
11	Jun 29	1350-1441	572.48	571.42	571.82	570.29	37.4
12	Jun 29	1445-1544	572.47	571.44	571.84	570.43	38.1
13	Nov 15	0917-1039	571.28	570.07	570.50	568.53	35.4
14	Nov 15	1042-1151	571.19	569.93	570.39	568.38	36.2
15	Nov 15	1152-1310	571.12	569.83	570.28	568.33	35.1
16	Nov 15	1314-1430	571.15	569.78	570.26	568.28	34.3
17	Nov 19	0920-1021	571.36	570.07	570.54	568.59	37.2
18	Nov 19	1024-1113	571.37	570.10	570.54	568.77	35.8
19	Nov 19	1116-1209	571.36	570.16	570.57	568.90	36.1
20	Nov 19	1212-1312	571.37	570.26	570.63	569.14	35.4
21	Nov 19	1314-1422	571.39	570.37	570.71	569.33	32.5
22	Nov 19	1430-1522	571.39	570.42	570.74	569.33	33.6
23	Nov 20	0847-0947	571.46	570.53	570.84	569.50	32.9
24	Nov 20	0949-1059	571.48	570.49	570.83	569.36	33.4
25	Nov 20	1101-1152	571.48	570.44	570.78	569.31	33.9
26	Nov 20	1157-1252	571.50	570.42	570.77	569.21	34.2
27	Nov 20	1255-1400	571.51	570.36	570.76	569.08	34.6
28	Nov 20	1403-1502	571.48	570.34	570.71	569.10	34.5
29	Nov 21	0844-0958	571.35	570.03	570.48	568.47	36.9
30	Nov 21	1002-1116	571.32	570.02	570.48	568.51	36.1
31	Nov 21	1124-1234	571.32	570.09	570.49	568.83	35.9
32	Nov 21	1239-1337	571.35	570.15	570.57	568.76	35.9
33	Nov 21	1341-1440	571.36	570.22	570.59	569.03	35.3
34	Nov 21	1443-1556	571.40	570.26	570.67	568.86	35.3
35	Nov 22	0838-0958	571.45	570.51	570.86	569.40	32.7
36	Nov 22	1059-1235	571.45	570.42	570.78	569.44	32.2
37	Nov 22	1237-1336	571.44	570.51	570.86	569.41	32.2

TABLE 5.38

Summary of Discharge Measurements
Detroit River
East Celeron Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (CFS)
1	Jun 10	0953-1135	572.64	571.34	571.81	570.10	11.2
2	Jun 10	1156-1314	572.66	571.59	571.94	570.56	11.2
3	Jun 14	1403-1525	572.59	571.36	571.75	570.03	10.7
4	Jun 14	1528-1644	572.55	571.39	571.74	570.20	10.8
5	Jun 15	1342-1447	572.52	571.46	571.78	570.30	10.9
6	Jun 15	1452-1557	572.52	571.45	571.78	570.24	11.7

TABLE 5.39

Summary of Discharge Measurements
Detroit River
West Celeron Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (CFS)
1	Jun 12	1021-1334	572.34	570.98	571.39	569.63	25.3
2	Jun 12	1340-1519	572.36	571.00	571.45	569.36	28.2
3	Jun 13	0916-1204	572.52	571.34	571.75	570.13	25.5
4	Jun 14	0920-1124	572.56	571.39	571.76	570.09	26.4
5	Jun 14	1127-1309	572.54	571.35	571.74	570.02	26.3
6	Jun 15	0903-1109	572.52	571.29	571.66	570.00	25.0
7	Jun 15	1111-1248	572.53	571.39	571.71	570.22	24.7

TABLE 5.40

Summary of Discharge Measurements
Detroit River
Dry Cut Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (TCFS)
1	May 3	1035-1144	572.43	571.37	571.74	570.25	41.2
2	May 3	1148-1314	572.44	571.40	571.77	570.27	40.5
3	May 3	1317-1414	572.39	571.38	571.75	570.21	42.4
4	May 4	0807-0908	572.40	571.28	571.68	570.06	43.4
5	May 4	0915-1011	572.40	571.27	571.69	570.05	43.5
6	May 4	1013-1124	572.39	571.27	571.68	570.03	45.1
7	May 4	1130-1251	572.39	571.28	571.68	570.14	43.0
8	May 6	0800-0939	572.44	571.42	571.76	570.30	43.6
9	May 6	0946-1044	572.45	571.45	571.81	570.45	41.0
10	May 6	1048-1151	572.45	571.50	571.84	570.39	42.3
11	May 6	1154-1329	572.44	571.47	571.80	570.24	45.1
12	May 7	1003-1054	572.43	571.32	571.71	570.07	45.2
13	May 7	1100-1148	572.41	571.32	571.72	570.08	44.6
14	May 7	1204-1312	572.39	571.29	571.68	570.14	42.3
15	May 7	1341-1431	572.38	571.31	571.69	570.27	41.0
16	May 9	0824-0921	572.44	571.36	571.74	570.12	43.7
17	May 9	0925-1028	572.45	571.32	571.72	570.00	44.8
18	May 9	1031-1129	572.46	571.28	571.68	570.03	46.2
19	May 9	1131-1229	572.44	571.30	571.69	570.14	44.6
20	May 11	0812-0904	572.67	571.38	571.80	570.05	48.2
21	May 11	0907-1007	572.63	571.42	571.84	569.99	49.8
22	May 11	1025-1128	572.63	571.38	571.81	570.01	48.7
23	May 11	1231-1321	572.63	571.48	571.88	570.30	45.5

TABLE 5.41

Summary of Discharge Measurements
Detroit River
Lower Cut Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (TCFS)
1	Apr 26	1415-1534	572.40	571.22	571.60	569.96	37.3
2	Apr 26	1535-1647	572.38	571.19	571.58	569.88	36.7
3	Apr 27	1415-1506	572.47	571.37	571.72	570.22	33.9
4	Apr 27	1508-1547	572.46	571.35	571.68	570.18	35.0
5	May 09	1301-1400	572.47	571.34	571.73	570.10	35.8
6	May 09	1402-1441	572.47	571.35	571.74	570.22	31.8
7	May 09	1443-1541	572.52	571.41	571.77	570.33	35.5
8	May 11	1349-1435	572.63	571.58	571.94	570.43	35.0
9	May 11	1437-1524	572.65	571.60	571.97	570.39	36.0
10	May 11	1526-1620	572.65	571.59	571.97	570.38	35.5
11	May 14	1438-1526	572.45	570.98	571.50	569.49	38.8
12	May 14	1530-1627	572.45	571.05	571.51	569.78	34.2
13	May 15	1419-1536	572.55	571.46	571.86	570.34	35.5
14	May 15	1541-1653	572.56	571.46	571.82	570.33	33.0

TABLE 5.42

Summary of Discharge Measurements
Detroit River
Limekiln Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (TCFS)
1	May 14	0837-1116	572.36	571.15	571.53	569.79	82.4
2	May 14	1122-1331	572.43	571.04	571.49	569.58	85.3
3	May 15	0920-1143	572.53	571.41	571.79	570.21	82.2
4	May 15	1155-1327	572.54	571.46	571.81	570.32	80.3
5	May 16	0820-1004	572.54	571.39	571.76	570.18	81.6
6	May 16	1142-1310	572.52	571.43	571.75	570.27	79.6
7	May 17	0832-1055	572.56	571.48	571.79	570.35	80.3
8	May 17	1058-1325	572.56	571.55	571.83	570.55	75.3
9	May 18	0847-1119	572.45	571.11	571.53	569.73	84.9
10	May 18	1122-1331	572.44	571.18	571.61	569.90	81.7

TABLE 5.43

Summary of Discharge Measurements
Detroit River
Hackett Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (TCFS)
1	Apr 17	1033-1233	572.19	571.16	571.55	570.07	52.9
2	Apr 17	1234-1409	572.15	571.12	571.52	570.01	54.0
3	Apr 22	0945-1144	572.41	571.20	571.60	569.87	58.2
4	Apr 22	1147-1305	572.38	571.22	571.59	570.01	56.7
5	Apr 22	1308-1448	572.41	571.28	571.64	570.07	55.8
6	Apr 24	0806-0929	572.38	571.08	571.47	569.82	54.9
7	Apr 24	0957-1125	572.41	571.26	571.59	570.17	51.1
8	Apr 24	1134-1251	572.41	571.35	571.66	570.24	55.3
9	Apr 25	0917-1055	572.42	571.24	571.61	570.02	54.7
10	Apr 25	1057-1227	572.42	571.26	571.63	570.07	52.3
11	Apr 26	0757-0911	572.45	571.32	571.65	570.18	54.2
12	Apr 26	0945-1101	572.42	571.37	571.68	570.32	53.7
13	Apr 26	1105-1225	572.43	571.35	571.68	570.23	56.1
14	Apr 27	0756-0902	572.39	571.26	571.61	570.14	55.1
15	Apr 27	0939-1121	572.40	571.34	571.67	570.32	51.7
16	Apr 27	1122-1240	572.40	571.40	571.73	570.34	53.0
17	Apr 29	0801-0923	572.38	571.25	571.59	570.04	55.0
18	Apr 29	0958-1129	572.37	571.33	571.64	570.26	54.0

TABLE 5.44

Summary of Discharge Measurements
Detroit River
Stoney Island Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (TCFS)
1	May 29	0908-1048	572.50	571.37	571.75	570.16	12.4
2	May 29	1053-1159	572.52	571.41	571.76	570.34	12.2
3	May 29	1202-1255	572.53	571.45	571.81	570.37	12.2
4	May 31	0922-1031	572.51	571.41	571.79	570.30	11.5
5	May 31	1038-1141	572.51	571.46	571.81	570.27	11.7
6	May 31	1144-1245	572.52	571.46	571.86	570.18	11.8
7	Jun 01	0900-0957	572.50	571.35	571.76	570.13	12.0
8	Jun 01	1005-1058	572.49	571.34	571.77	570.17	12.1
9	Jun 01	1100-1158	572.51	571.36	571.78	570.22	12.0

TABLE 5.45

Summary of Discharge Measurements
Detroit River
Sugar Island Channel Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (TCFS)
1	May 23	1315-1401	572.54	571.44	571.82	570.26	22.4
2	May 23	1403-1441	572.53	571.43	571.79	570.20	22.2
3	May 23	1443-1523	572.52	571.42	571.78	570.29	20.7
4	May 23	1525-1602	572.51	571.45	571.76	570.33	21.2
5	May 24	0815-0904	572.52	571.44	571.80	570.30	21.9
6	May 24	0914-0950	572.55	571.41	571.70	570.24	21.2
7	May 24	0953-1035	572.54	571.39	571.68	570.25	21.3
8	May 24	1039-1117	572.55	571.40	571.70	570.27	21.3
9	May 25	0837-0921	572.47	571.46	571.74	570.42	21.1
10	May 25	0923-1014	572.50	571.48	571.77	570.43	21.4
11	May 25	1017-1110	572.50	571.50	571.78	570.41	21.6
12	May 25	1113-1201	572.52	571.50	571.79	570.38	22.0
13	May 27	0820-0901	572.52	571.44	571.82	570.33	21.6
14	May 27	0902-1005	572.53	571.46	571.85	570.34	21.1
15	May 27	1008-1044	572.54	571.50	571.86	570.32	21.7
16	May 27	1045-1126	572.52	571.47	571.84	570.36	21.3

TABLE 5.46

Summary of Discharge Measurements
Detroit River
Sugar Island Dike Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (TCFS)
1	May 25	1336-1408	572.51	571.45	571.76	570.24	9.4
2	May 25	1411-1436	572.52	571.43	571.74	570.22	9.3
3	May 25	1437-1506	572.51	571.40	571.73	570.21	9.2
4	May 25	1508-1534	572.50	571.40	571.72	570.18	9.5
5	May 27	1232-1300	572.55	571.54	571.89	570.54	8.1
6	May 27	1302-1332	572.56	571.56	571.91	570.57	8.1
7	May 27	1336-1404	572.56	571.58	571.94	570.58	8.4
8	May 27	1406-1436	572.58	571.62	571.96	570.63	8.0
9	May 28	0833-0900	572.44	571.37	571.71	570.34	8.5
10	May 28	0903-0928	572.45	571.38	571.73	570.29	8.3
11	May 28	0930-1000	572.42	571.36	571.75	570.25	8.3
12	May 28	1003-1029	572.38	571.35	571.71	570.25	7.7

TABLE 5.47

Summary of Discharge Measurements
Detroit River
Boblo Dike Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (TCFS)
1	Apr 25	1431-1516	572.44	571.34	571.69	570.26	8.5
2	Apr 25	1520-1555	572.42	571.37	571.70	570.32	8.3
3	May 02	0919-0954	572.45	571.36	571.75	570.08	9.0
4	May 02	0958-1028	572.49	571.34	571.75	570.08	9.5
5	May 02	1031-1056	572.53	571.33	571.74	570.04	9.4
6	May 02	1057-1125	572.52	571.33	571.74	570.03	9.5
7	May 02	1128-1154	572.51	571.31	571.73	570.02	9.5
8	May 02	1156-1221	572.54	571.29	571.72	570.03	9.2
9	May 02	1229-1309	572.52	571.29	571.69	570.06	9.2
10	May 03	1456-1548	572.38	571.27	571.66	570.11	9.1
11	May 03	1555-1625	572.43	571.26	571.66	570.05	8.7
12	May 03	1628-1653	572.46	571.26	571.65	570.04	9.2
13	May 04	1330-1404	572.37	571.34	571.74	570.16	8.6
14	May 04	1406-1452	572.32	571.34	571.70	570.22	8.4
15	May 04	1458-1526	572.33	571.33	571.68	570.26	8.5
16	May 06	1414-1448	572.43	571.36	571.76	570.14	9.2
17	May 06	1452-1528	572.40	571.36	571.77	570.13	8.8
18	May 06	1532-1603	572.44	571.37	571.76	570.12	9.1
19	May 06	1605-1636	572.43	571.37	571.77	570.08	9.2
20	May 06	1638-1710	572.42	571.36	571.74	570.17	9.0
21	May 07	1509-1537	572.40	571.36	571.73	570.32	8.5
22	May 07	1539-1609	572.42	571.37	571.73	570.41	8.2
23	May 07	1611-1634	572.41	571.39	571.73	570.36	8.2

TABLE 5.48
Summary of Discharge Measurements
Detroit River
La Salle Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (TCFS)
1	Jun 19	1052-1220	572.44	571.28	571.69	570.02	40.2
2	Jun 19	1225-1333	572.44	571.27	571.69	570.03	41.2
3	Jun 19	1334-1439	572.43	571.28	571.68	570.09	41.4
4	Jun 19	1445-1544	572.43	571.32	571.70	570.20	40.4
5	Jun 20	0850-1011	572.43	571.21	571.64	569.98	40.8
6	Jun 20	1014-1114	572.43	571.26	571.66	570.05	41.6
7	Jun 20	1116-1223	572.48	571.29	571.70	570.00	40.5
8	Jun 20	1227-1330	572.46	571.26	571.69	569.96	41.1
9	Jun 20	1338-1436	572.52	571.27	571.70	569.95	42.5
10	Jun 20	1438-1546	572.54	571.28	571.72	569.92	42.9
11	Jun 21	0848-1011	572.43	571.20	571.65	569.84	42.6
12	Jun 21	1017-1138	572.44	571.17	571.64	569.72	42.2
13	Jun 21	1140-1301	572.46	571.17	571.62	569.78	43.2
14	Jun 21	1305-1416	572.43	571.22	571.64	569.89	43.8
15	Jun 21	1418-1521	572.45	571.21	571.66	569.89	43.6
16	Jun 22	1027-1146	572.44	571.26	571.67	569.99	42.4
17	Jun 22	1149-1302	572.46	571.28	571.70	570.09	40.4
18	Jun 22	1323-1419	572.46	571.36	571.76	570.16	40.5

TABLE 5.49

Summary of Discharge Measurements
Detroit River
West Grassy Section
1963

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Wyandotte	Fort Wayne	Gibraltar	Discharge (TCFS)
1	Jun 27	0854-0946	572.43	571.31	571.73	570.05	46.9
2	Jun 27	1033-1121	572.46	571.30	571.73	570.13	48.0
3	Jun 28	1019-1116	572.44	571.39	571.78	570.31	44.8
4	Jun 28	1123-1207	572.50	571.44	571.83	570.34	44.9
5	Jun 28	1231-1310	572.48	571.48	571.86	570.37	44.6
6	Jun 29	1122-1211	572.46	571.30	571.74	570.06	45.8
7	Jun 29	1213-1300	572.45	571.34	571.76	570.18	46.7

TABLE 5.50

Summary of Discharge Measurements
Detroit River
Limekiln Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
1	Aug 15	0937-1129	------	572.85	572.18	571.64	570.49	571.16	84.7
2	Aug 15	1130-1317	------	572.86	572.20	571.67	570.56	571.19	82.2
3	Aug 16	1245-1430	572.97	572.71	571.87	571.24	569.63	570.65	92.7
4	Aug 16	1431-1550	573.02	572.76	571.88	571.29	569.83	570.65	91.4
5	Aug 17	1319-1520	573.17	572.89	572.30	571.82	570.82	571.39	79.5
6	Aug 17	1522-1700	573.17	572.89	572.33	571.81	570.80	571.41	78.7
7	Aug 18	0946-1114	573.10	572.78	572.17	571.59	570.48	571.15	82.0
8	Aug 18	1115-1243	573.09	572.75	572.10	571.51	570.32	571.04	85.5
9	Aug 19	1018-1141	573.18	572.99	572.46	571.99	571.04	571.65	77.7
10	Aug 19	1142-1306	573.18	572.98	572.43	571.88	570.79	571.50	85.5
11	Aug 20	0953-1114	573.11	572.93	572.23	571.76	570.67	571.28	85.6
12	Aug 20	1118-1242	573.07	572.91	572.27	571.81	570.75	571.35	83.3
13	Aug 22	1015-1152	573.08	572.86	572.19	571.72	570.59	571.23	83.1
14	Aug 23	0931-1045	572.92	572.67	571.91	571.42	570.19	570.88	83.8
15	Aug 23	1046-1157	572.89	572.64	571.94	571.44	570.20	570.95	84.0
16	Aug 24	0925-1118	572.97	572.74	571.96	571.42	570.05	570.83	89.6
17	Aug 24	1119-1247	572.97	572.74	571.98	571.46	570.18	570.93	86.2
18	Aug 24	1248-1359	572.98	572.74	572.02	571.52	570.29	571.03	86.0
19	Aug 25	1033-1149	573.09	572.65	571.94	571.41	570.18	570.94	86.6
20	Aug 25	1150-1308	572.95	572.58	571.85	571.31	570.00	570.83	87.2
21	Aug 26	1021-1150	572.98	572.77	572.09	571.61	570.45	571.11	82.8

TABLE 5.50
(Continued)

Summary of Discharge Measurements
Detroit River
Limekiln Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
22	Aug 26	1151-1310	573.01	572.78	572.12	571.64	570.54	571.00	81.1
23	Aug 27	0935-1108	572.97	572.68	571.92	571.40	570.08	570.85	88.4
24	Aug 27	1109-1316	572.98	572.71	571.96	571.48	570.25	570.92	86.5
25	Aug 29	0943-1124	572.97	572.71	572.03	571.53	570.38	571.02	84.3
26	Aug 29	1125-1247	572.96	572.72	572.06	571.56	570.30	571.05	85.9
27	Aug 30	0941-1104	572.95	572.71	572.02	571.52	570.34	571.03	85.9
28	Aug 30	1105-1214	572.96	572.71	572.01	571.49	570.28	570.98	86.4
29	Aug 31	0934-1105	572.98	572.76	572.13	571.62	570.46	571.13	83.1
30	Aug 31	1106-1350	572.97	572.74	572.12	571.62	570.45	571.12	84.7

TABLE 5.51

Summary of Discharge Measurements
Detroit River
Stony Island Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
1	Aug 19	1530-1614	573.18	573.00	572.25	571.59	570.08	570.77	10.1
2	Aug 20	0935-1039	573.12	572.94	572.23	571.72	570.60	571.13	10.6
3	Aug 20	1045-1126	573.09	572.92	572.24	571.80	570.75	571.21	9.6
4	Aug 20	1128-1216	573.07	572.91	572.26	571.80	570.73	571.22	10.0
5	Aug 20	1355-1437	573.08	572.92	572.32	571.86	570.93	571.35	9.4
6	Aug 24	1036-1151	572.98	572.74	571.96	571.43	570.08	570.72	11.4
7	Aug 24	1220-1247	572.96	572.74	571.99	571.49	570.24	570.82	10.5
8	Aug 24	1248-1437	572.98	572.74	572.03	571.54	570.33	570.89	10.6
9	Aug 24	1437-1514	572.99	572.76	572.06	571.59	570.43	570.95	9.8
10	Aug 25	1025-1109	573.01	572.68	571.97	571.45	570.23	570.76	9.4
11	Aug 25	1110-1146	572.99	572.63	571.92	571.39	570.16	570.70	9.8
12	Aug 25	1210-1326	572.95	572.57	571.83	571.27	569.97	570.56	9.7
13	Aug 25	1327-1400	572.94	572.22	571.79	571.22	569.89	570.52	9.3
14	Aug 25	1420-1510	572.89	572.55	571.77	571.22	569.82	570.47	9.0
15	Aug 26	1015-1125	572.97	572.76	572.08	571.60	570.43	570.96	9.7
16	Aug 26	1055-1149	572.99	572.77	572.09	571.62	570.47	570.98	9.8
17	Aug 26	1150-1417	573.01	572.78	572.13	571.66	570.58	571.06	9.2
18	Aug 26	1419-1521	572.99	572.77	572.15	571.69	570.64	571.11	9.4
19	Aug 27	1021-1134	572.98	572.69	571.93	571.42	570.11	570.72	9.4
20	Aug 27	1138-1221	573.00	572.71	571.95	571.47	570.20	570.79	9.7
21	Aug 27	1355-1458	572.98	572.72	572.06	571.58	570.43	570.95	9.4
22	Aug 27	1459-1540	572.98	572.74	572.07	571.59	570.46	570.97	9.5

TABLE 5.51
(Continued)

Summary of Discharge Measurements
Detroit River
Stony Island Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
23	Aug 29	0957-1050	572.97	572.71	572.02	571.53	570.38	570.88	9.0
24	Aug 29	1051-1130	572.97	572.72	572.05	571.54	570.34	570.90	9.3
25	Aug 29	1131-1324	572.96	572.71	572.06	571.56	570.29	570.92	9.0
26	Aug 29	1330-1409	572.96	572.69	572.04	571.55	570.28	570.93	9.3
27	Aug 30	0952-1051	572.95	572.71	572.02	571.51	570.34	570.85	9.7
28	Aug 30	1052-1144	572.96	572.71	572.01	571.49	570.29	570.83	9.3
29	Aug 30	1145-1258	572.97	572.72	572.01	571.49	570.27	570.82	9.2
30	Aug 30	1259-1354	572.96	572.72	572.01	571.50	570.26	570.81	9.4
31	Aug 30	1400-1443	572.97	572.72	572.02	571.49	570.26	570.81	9.8
32	Aug 31	1011-1202	572.97	572.74	572.12	571.63	570.47	570.99	10.1
33	Aug 31	1203-1245	572.96	572.73	572.13	571.63	570.49	570.98	10.0
34	Aug 31	1313-1351	572.98	572.75	572.12	571.60	570.42	570.95	9.4
35	Aug 31	1352-1433	572.99	572.76	572.13	571.61	570.41	570.94	9.5
36	Aug 31	1434-1523	573.00	572.76	572.14	571.62	570.42	570.94	9.6
37	Sep 1	1110-1153	572.97	572.74	572.05	571.53	570.34	570.90	10.9
38	Sep 1	1221-1316	572.97	572.74	572.07	571.51	570.34	570.88	10.3
39	Sep 1	1317-1419	572.98	572.74	572.06	571.51	570.31	570.87	10.6
40	Sep 1	1420-1458	572.98	572.74	572.07	571.51	570.29	570.86	10.0
41	Sep 1	1512-1542	572.98	572.73	572.07	571.49	570.29	570.86	10.2

TABLE 5.52

Summary of Discharge Measurements
Detroit River
Dry Cut Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
1	Aug 15	1421-1524	------	572.82	572.19	571.68	570.61	571.01	44.7
2	Aug 15	1525-1621	------	572.83	572.22	571.69	570.68	571.02	44.0
3	Aug 16	0947-1045	572.99	572.75	572.05	571.45	570.14	570.61	50.5
4	Aug 16	1046-1138	572.97	572.72	572.00	571.40	569.95	570.53	50.8
5	Aug 17	0936-1101	------	572.84	572.08	571.56	570.35	570.71	47.6
6	Aug 17	1112-1216	------	572.86	572.17	571.65	570.47	570.83	46.8
7	Aug 18	1322-1414	573.09	572.71	572.04	571.45	570.21	570.65	47.5
8	Aug 18	1415-1509	573.09	572.72	572.01	571.43	570.22	570.64	47.8
9	Aug 18	1514-1603	573.08	572.72	572.02	571.45	570.27	570.63	46.3
10	Aug 19	1356-1449	573.21	572.99	572.32	571.71	570.36	570.87	49.6
11	Aug 19	1452-1602	573.19	572.99	572.27	571.62	570.14	570.69	52.4
12	Aug 20	1324-1416	573.08	572.92	572.30	571.86	570.90	571.15	42.8
13	Aug 20	1417-1511	573.08	572.93	572.32	571.88	570.95	571.25	42.1
14	Aug 23	1233-1323	572.85	572.56	571.88	571.37	570.15	570.59	36.7
15	Aug 23	1324-1410	572.84	572.57	571.85	571.33	570.07	570.58	36.9
16	Aug 23	1411-1459	572.85	572.61	571.85	571.29	569.89	570.42	49.7
17	Aug 23	1504-1555	572.85	572.57	571.81	571.20	569.71	570.30	52.9
18	Aug 24	1456-1539	572.99	572.76	572.09	571.61	570.44	570.84	47.2
19	Aug 24	1540-1626	572.99	572.78	572.11	571.62	570.45	570.87	46.3
20	Aug 25	1349-1502	572.90	572.55	571.77	571.22	569.84	570.31	49.3
21	Aug 25	1503-1548	572.87	572.56	571.77	571.20	569.76	570.27	49.7

TABLE 5.52
(Continued)

Summary of Discharge Measurements
Detroit River
Dry Cut Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
22	Aug 26	1349-1436	573.00	572.77	572.15	571.69	570.63	570.98	44.8
23	Aug 26	1437-1528	572.99	572.77	572.15	571.69	570.64	570.98	44.1
24	Aug 26	1529-1612	572.98	572.77	572.15	571.69	570.66	571.00	44.1
25	Aug 27	1356-1442	572.98	572.72	572.06	571.57	570.43	570.80	45.8
26	Aug 27	1443-1530	572.98	572.73	572.07	571.59	570.45	570.80	45.6
27	Aug 29	1338-1436	572.96	572.68	572.04	571.55	570.28	570.79	44.6
28	Aug 29	1437-1538	572.94	572.67	572.04	571.56	570.29	570.81	44.0
29	Aug 30	1252-1341	572.96	572.72	572.01	571.49	570.26	570.67	45.8
30	Aug 30	1342-1434	572.97	572.72	572.02	571.49	570.26	570.69	48.8
31	Aug 31	1430-1514	573.00	572.77	572.14	571.62	570.42	570.82	47.6
32	Aug 31	1515-1606	572.98	572.76	572.14	571.62	570.39	570.80	46.3

TABLE 5.53

Summary of Discharge Measurements
Detroit River
Lower Cut Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
1	Jul 8	1242-1434	573.29	573.07	572.46	572.02	570.91	571.00	39.3
2	Jul 8	1437-1551	573.28	573.04	572.37	571.89	570.57	570.65	42.3
3	Jul 11	1454-1627	573.22	572.96	572.33	571.89	570.86	570.94	36.3
4	Jul 11	1628-1725	573.22	572.99	572.37	571.92	570.88	571.02	37.0
5	Jul 14	0927-1057	573.42	573.19	572.56	572.13	571.08	571.16	38.2
6	Jul 14	1058-1159	573.41	573.17	572.60	572.16	571.12	571.25	37.8
7	Jul 15	1431-1530	573.37	573.22	572.65	572.25	571.15	571.32	39.5
8	Jul 15	1531-1625	573.41	573.24	572.61	572.15	570.88	571.15	39.4
9	Jul 16	1355-1502	573.36	573.11	572.47	572.04	571.00	571.04	37.7
10	Jul 16	1503-1600	573.36	573.13	572.51	572.11	571.18	571.23	35.3
11	Jul 18	1453-1606	573.30	572.94	572.30	571.82	570.64	570.77	38.2
12	Jul 18	1607-1659	573.28	572.94	572.27	571.80	570.68	570.82	36.6
13	Jul 19	1416-1529	573.29	573.07	572.45	571.95	570.60	570.79	41.3
14	Jul 19	1530-1626	573.26	573.12	572.36	571.85	570.53	570.78	44.5
15	Jul 20	1527-1654	573.34	573.14	572.39	571.87	570.49	570.71	41.2
16	Jul 22	1408-1514	573.20	572.93	572.33	571.82	570.71	570.91	38.9
17	Jul 22	1515-1600	573.21	572.94	572.32	571.80	570.68	570.82	38.4
18	Jul 23	1319-1431	573.23	572.99	572.32	571.88	570.79	570.93	34.4
19	Jul 23	1432-1522	573.23	572.99	572.33	571.87	570.78	570.90	38.9
20	Jul 23	1523-1631	573.23	572.97	572.31	571.86	570.75	570.91	39.1
21	Jul 28	1448-1617	573.21	572.95	572.15	571.69	570.36	570.52	40.9

TABLE 5.53
(Continued)

Summary of Discharge Measurements
Detroit River
Lower Cut Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
22	Jul 28	1618-1711	573.18	572.90	572.17	571.64	570.27	570.49	40.1
23	Jul 30	1206-1258	573.21	572.96	572.22	571.72	570.34	570.60	41.9
24	Jul 30	1259-1358	573.21	572.94	572.21	571.70	570.34	570.52	40.3
25	Aug 1	1354-1453	573.12	572.86	572.21	571.71	570.61	570.70	36.9
26	Aug 1	1454-1554	573.13	572.86	572.21	571.73	570.63	570.72	37.6
27	Aug 2	1424-1517	573.19	573.04	572.24	571.60	570.35	570.60	40.4
28	Aug 2	1518-1612	573.18	573.04	572.29	571.69	570.47	570.66	38.1
29	Aug 3	1433-1528	573.20	572.94	572.25	571.65	570.45	570.60	39.7
30	Aug 3	1529-1622	573.20	572.94	572.26	571.66	570.47	570.60	37.7

TABLE 5.54

Summary of Discharge Measurements
Detroit River
Sugar Island Channel Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
1	Jul 14	1450-1539	573.42	573.20	572.54	572.07	570.91	570.91	22.3
2	Jul 14	1540-1631	573.43	573.22	572.54	572.09	571.00	571.02	22.5
3	Jul 16	0931-1018	573.36	573.11	572.47	572.04	570.90	570.88	22.2
4	Jul 16	1019-1057	573.36	573.12	572.48	572.03	570.82	570.85	23.5
5	Jul 16	1058-1130	573.37	573.14	572.50	572.00	570.76	570.76	22.7
6	Jul 16	1131-1226	573.37	573.12	572.45	571.97	570.79	570.77	22.0
7	Jul 21	1508-1549	573.25	573.01	572.33	571.83	570.56	570.56	23.3
8	Jul 21	1550-1636	573.25	573.00	572.31	571.81	570.53	570.56	22.2
9	Jul 26	1358-1442	573.19	572.98	572.40	571.97	570.90	570.91	22.5
10	Jul 26	1443-1527	573.20	573.00	572.43	571.93	570.85	570.86	22.7
11	Jul 26	1528-1606	573.19	573.00	572.40	571.92	570.86	570.85	21.4
12	Jul 26	1607-1646	573.18	573.00	572.40	571.93	570.83	570.87	21.8
13	Aug 1	1015-1111	573.12	572.82	572.15	571.62	570.40	570.37	22.7
14	Aug 1	1112-1151	573.13	572.85	572.15	571.63	570.40	570.38	23.1
15	Aug 1	1152-1223	573.13	572.85	572.15	571.62	570.41	570.38	21.9
16	Aug 1	1224-1304	573.13	572.85	572.16	571.63	570.44	570.42	21.6
17	Aug 4	1359-1439	573.22	572.95	572.27	571.69	570.58	570.56	22.2
18	Aug 4	1440-1514	573.22	572.95	572.28	571.70	570.56	570.54	22.6
19	Aug 4	1515-1545	573.23	572.97	572.28	571.69	570.51	570.50	22.8
20	Aug 4	1546-1622	573.23	572.97	572.27	571.68	570.52	570.48	22.6

TABLE 5.54
(Continued)

Summary of Discharge Measurements
Detroit River
Sugar Island Channel Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
21	Aug 5	1338-1430	573.20	572.95	572.31	571.76	570.68	570.64	22.7
22	Aug 5	1431-1510	573.20	572.94	572.30	571.74	570.62	570.62	22.6
23	Aug 5	1511-1544	573.20	572.94	572.29	571.72	570.58	570.56	22.9
24	Aug 5	1545-1624	573.21	572.94	572.28	571.70	570.56	570.54	22.7
25	Aug 6	1315-1348	573.19	572.92	572.25	571.73	570.64	570.58	22.0

TABLE 5.55

Summary of Discharge Measurements
Detroit River
Sugar Island Dike Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
1	Jul 19	1130-1441	573.27	573.09	572.34	571.88	570.66	570.60	9.3
2	Jul 21	1100-1348	573.25	573.01	572.32	571.84	570.63	570.50	9.1
3	Jul 21	1415-1604	573.25	573.01	572.32	571.84	570.56	570.46	9.1
4	Jul 22	1100-1234	573.23	572.97	572.32	571.81	570.66	570.51	8.9
5	Jul 22	1300-1509	573.21	572.94	572.33	571.81	570.70	570.54	8.5
6	Jul 23	0925-1244	573.21	572.97	572.32	571.82	570.71	570.57	8.5
7	Jul 23	1300-1434	573.23	572.99	572.32	571.88	570.79	570.62	8.5
8	Jul 23	1500-1634	573.23	572.97	572.32	571.86	570.76	570.61	8.5
9	Jul 26	1315-1549	573.19	572.98	572.40	571.94	570.89	570.79	8.5
10	Jul 26	1605-1704	573.20	573.00	572.41	571.93	570.83	570.74	8.6
11	Jul 28	1444-1629	573.21	572.94	572.15	571.69	570.36	570.22	9.3
12	Jul 29	1050-1304	573.23	572.97	572.18	571.67	570.23	570.10	9.2
13	Jul 29	1320-1519	573.25	573.01	572.26	571.81	570.64	570.24	8.8
14	Jul 30	0915-1104	573.21	573.01	572.42	571.93	570.71	570.67	9.9
15	Jul 30	1120-1304	573.21	572.96	572.23	571.72	570.36	570.36	9.8
16	Aug 3	1123-1202	573.20	572.94	572.24	571.61	570.38	570.22	8.8
17	Aug 3	1204-1229	573.20	572.93	572.23	571.61	570.37	570.19	8.9
18	Aug 3	1236-1309	573.20	572.94	572.22	571.61	570.37	570.21	8.7
19	Aug 3	1314-1343	573.21	572.94	572.23	571.62	570.40	570.23	8.6
20	Aug 4	1030-1219	573.20	572.91	572.23	571.67	570.59	570.42	8.8

TABLE 5.55
(Continued)

Summary of Discharge Measurements
Detroit River
Sugar Island Dike Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
21	Aug 4	1240-1419	573.22	572.94	572.27	571.70	570.59	570.43	8.6
22	Aug 4	1435-1539	573.23	572.96	572.28	571.69	570.53	570.41	8.7
23	Aug 6	1045-1204	573.18	572.90	572.23	571.70	570.58	570.43	8.5
24	Aug 6	1400-1519	573.19	572.94	572.29	571.75	570.65	570.44	8.4
25	Aug 8	1315-1424	573.15	572.92	572.36	571.86	570.89	570.75	8.6
26	Aug 8	1445-1549	573.15	572.88	572.30	571.78	570.77	570.62	9.0

TABLE 5.56

Summary of Discharge Measurements
Detroit River
Hackett Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
1	Jul 9	1052-1246	572.22	571.74	570.67	573.22	572.91	572.22	62.4
2	Jul 9	1306-1450	572.31	571.88	571.00	573.20	572.90	572.57	55.0
3	Jul 11	1006-1314	572.20	571.69	570.42	573.23	572.95	571.96	67.3
4	Jul 13	0954-1509	572.39	571.87	570.49	573.41	573.15	572.07	71.3
5	Jul 13	1516-1726	572.46	571.95	570.73	573.41	573.16	572.30	66.0
6	Jul 15	0955-1140	572.64	572.26	571.37	573.41	573.22	572.89	60.4
7	Jul 15	1143-1312	572.72	572.33	571.37	573.41	573.27	572.91	64.4
8	Jul 18	0931-1134	572.26	571.79	570.57	573.32	572.99	572.11	66.1
9	Jul 18	1137-1321	572.28	571.81	570.64	573.33	573.00	572.15	66.3
10	Jul 19	0942-1119	572.22	571.73	570.45	573.23	572.99	572.07	65.4
11	Jul 19	1120-1253	572.26	571.83	570.66	573.22	572.99	572.24	64.0
12	Jul 20	0950-1159	572.50	572.01	570.76	573.32	573.14	572.28	67.5
13	Jul 20	1205-1422	572.40	571.90	570.57	573.31	573.10	572.10	72.4
14	Jul 22	0916-1124	572.33	571.77	570.55	573.23	572.98	572.06	65.2
15	Jul 22	1125-1257	572.33	571.81	570.67	573.23	572.97	572.20	65.1
16	Jul 23	0912-1040	572.33	571.79	570.67	573.20	572.95	572.19	65.0
17	Jul 23	1041-1215	572.32	571.83	570.74	573.22	572.97	572.29	65.1
18	Jul 27	1351-1539	572.41	571.75	570.68	573.19	572.88	572.24	60.5
19	Jul 27	1540-1703	572.40	571.88	570.94	573.18	572.90	572.50	56.9
20	Jul 28	0930-1118	572.23	571.87	570.81	573.21	572.95	572.35	61.7

TABLE 5.56
(Continued)

Summary of Discharge Measurements
Detroit River
Hackett Section
1966

Meas. No.	Date	Time (EST)	GPYC	Water Levels (Feet, IGLD1955) Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Section	Discharge (TCFS)
21	Jul 28	1127-1337	572.10	571.84	570.63	573.24	572.99	572.25	67.3
22	Jul 29	1033-1217	572.19	571.67	570.20	573.23	572.98	571.71	71.4
23	Jul 29	1218-1359	572.18	571.69	570.40	573.24	572.98	571.90	68.2
24	Jul 29	1400-1508	572.29	571.84	570.70	573.26	573.03	572.23	65.6
25	Jul 29	1504-1620	572.37	571.94	570.84	573.27	573.05	572.39	64.9
26	Aug 2	0956-1126	571.93	571.24	569.68	573.13	572.86	571.21	73.9
27	Aug 2	1127-1304	571.99	571.34	569.91	573.16	572.89	571.42	70.3

TABLE 5.57

Summary of Discharge Measurements
Detroit River
Amherstburg - Gap Section
1973

Meas No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Gage1	Gage2	Gage3	Gage4	Gage5	Gage6	Gage7	Discharge (TCFS)
1	Sep 7	0955-1625	572.94	572.98	573.16	573.63	572.63	573.08	572.99	27.3
2	Sep 8	0850-1145	573.19	573.22	573.32	573.83	573.20	573.26	573.42	26.6
3	Sep 10	0850-1135	573.00	572.99	573.12	573.68	573.02	573.06	573.36	28.1
4	Sep 11	0920-1155	573.19	573.23	573.32	573.78	573.19	573.24	572.80	26.3
5	Sep 12	0855-1200	572.74	572.82	572.92	573.48	572.74	572.81	573.16	27.1
6	Sep 13	0850-1045	573.14	573.11	573.21	573.79	573.16	573.19	573.36	25.8

TABLE 5.58

Summary of Discharge Measurements
Detroit River
Bois Blanc Dike Section
1973

Meas No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Gage1	Gage2	Gage3	Gage4	Gage5	Gage6	Gage7	Discharge (TCFS)
1	Sep 8	1245-1340	572.96	573.01	573.14	573.67	573.00	573.05	573.35	10.7
2	Sep 10	1215-1315	572.80	572.85	573.00	573.53	572.84	572.87	573.23	10.8
3	Sep 11	1230-1315	573.03	573.02	573.12	573.69	573.05	573.06	573.00	11.4
4	Sep 12	1245-1330	573.05	573.11	573.20	573.65	573.05	573.09	573.11	9.9
5	Sep 13	1120-1205	572.91	572.88	573.03	573.61	572.91	572.92	573.35	11.0

TABLE 5.59

Summary of Discharge Measurements
Detroit River
Bar Point - Lee Section
1975

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) St.Clair Shores	Fort Wayne	Wyandotte	Gibraltar	Windmill Point	Section Gauge	Discharge (TCFS)
1	May 5	0830-1630	575.41	574.97	573.88	572.78	575.22	572.65	210.4
2	May 6	0755-1415	575.41	574.21	573.79	572.31	575.22	572.28	276.6
3	May 19	0850-1740	575.41	574.33	573.90	572.76	575.17	572.67	230.3
4	Aug 14	0750-1345	575.44	574.42	573.95	572.66	575.26	572.00	230.4
5	Oct 2	0820-1410	575.26	574.09	------	571.91	575.10	571.68	259.8
6	Oct 3	0850-1415	575.16	573.78	573.24	571.67	574.79	572.61	282.5

TABLE 5.60

Summary of Discharge Measurements
Detroit River
Trenton Channel Section
1975

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) St. Clair Shores	Fort Wayne	Wyandotte	Gibraltar	Windmill Point	Discharge (TCFS)
1	Aug 1	0842-1051	575.47	574.37	573.88	572.59	575.29	52.9
2	Aug 1	1051-1254	575.49	574.41	573.95	572.70	575.31	52.1
3	Aug 4	0838-1054	575.66	574.42	573.94	572.65	575.36	52.4
4	Aug 4	1049-1242	575.55	574.49	574.06	572.94	575.36	50.9
5	Aug 4	1245-1438	575.55	574.61	574.19	573.06	575.39	48.8
6	Aug 5	0835-1026	575.56	574.43	573.94	572.50	575.37	53.2
7	Aug 5	1032-1237	575.60	574.43	573.92	572.47	575.43	55.0
8	Aug 5	1239-1426	575.54	574.44	573.94	572.47	575.39	56.1
9	Aug 6	0759-0945	575.62	574.74	574.31	573.06	575.51	51.7
10	Aug 6	1000-1155	575.63	574.60	574.17	572.77	575.48	52.9
11	Aug 6	1200-1410	575.65	574.56	574.09	572.65	575.50	55.2
12	Aug 7	0820-1020	575.58	574.50	574.05	572.72	575.42	52.7
13	Aug 7	1026-1230	575.58	574.51	574.08	572.88	575.40	52.3
14	Aug 7	1233-1420	575.58	574.58	574.16	572.96	575.42	51.7

TABLE 5.61

Summary of Discharge Measurements
Detroit River
Belle Isle Harbor Master Section
1980

Meas. No.	Date	Time (EST)	Discharge (TCFS)	Water Levels (Feet, IGLD 1955) Windmill Point	Belle Isle C.G.	Mt. Elliot C.G.	Fort Wayne	Wyandotte	Trenton	Gibraltar	Tecumseh	La Salle	Amherstburg	Bar Point
1	Jun 10	1136-1518	71.4	575.10	573.15	574.67	574.14	573.72	573.17	572.40	575.05	573.85	573.42	572.40
2	Jun 11	0912-1214	66.1	575.11	574.90	574.78	574.36	574.01	573.71	572.91	575.09	573.93	573.75	572.49
3	Jun 11	1221-1510	66.5	575.11	574.91	574.75	574.32	573.92	573.39	572.81	575.10	573.95	573.64	572.50
4	Jun 12	0955-1311	72.7	575.08	574.84	574.68	574.20	573.76	573.22	572.53	575.05	573.88	573.45	572.50
5	Jun 12	1317-1604	68.5	575.12	574.89	574.76	574.34	573.96	573.48	572.92	575.06	573.91	573.68	572.50
6	Jun 13	0947-1218	66.3	575.06	574.85	574.70	574.26	573.93	573.45	572.73	575.02	574.01	573.59	572.60
7	Jun 13	1255-1540	68.6	575.05	574.83	574.69	574.22	573.79	573.26	572.57	575.00	573.99	573.50	572.59

TABLE 5.62

Summary of Discharge Measurements
Detroit River
Belle Isle Main Channel Section
1980

Meas. No.	Date	Time (EST)	Discharge (TCFS)	Water Levels (Feet, IGLD 1955) Windmill Point	Belle Isle C.G.	Mt. Elliot C.G.	Fort Wayne	Wyandotte	Trenton	Gibraltar	Tecumseh	La Salle	Amherstburg	Bar Point
* 1	Jun 10	1052-1644	145.9	575.09	573.39	574.66	574.16	573.73	573.21	572.47	575.04	573.85	573.45	572.40
* 2	Jun 11	0902-1323	146.4	575.11	574.90	574.77	574.34	573.98	573.60	572.85	575.10	573.94	573.71	572.49
**3	Jun 12	0841-1247	143.8	575.09	574.82	574.68	574.18	573.75	573.20	572.47	575.04	573.89	573.43	572.50
**4	Jun 12	1254-1741	138.7	575.11	574.90	574.77	574.36	573.98	573.52	572.97	575.06	573.92	573.71	572.52
**5	Jun 13	0821-1323	140.9	575.06	574.85	574.70	574.28	573.88	573.40	572.72	575.02	574.00	573.59	572.60

Note: * 20 Panel Distribution

** 14 Panel Distribution

TABLE 5.63

Summary of Discharge Measurements
Detroit River
La Salle Section
1980

Meas. No.	Date	Time (EST)	Discharge (TCFS)	Water Levels (Feet, IGLD 1955) Windmill Point	Belle Isle C.G.	Mt. Elliot C.G.	Fort Wayne	Wyandotte	Trenton	Gibraltar	Tecumseh	La Salle	Amherstburg	Bar Point
1	Jun 18	1300-1850	45.6	575.17	574.93	574.80	574.33	573.93	N/A	572.72	575.12	574.01	573.63	572.60
2	Jun 19	1024-1336	44.4	575.04	574.82	574.69	574.29	573.92	N/A	572.83	574.99	574.05	573.62	572.61
3	Jun 20	0932-1239	49.5	575.02	574.76	574.60	574.14	573.70	N/A	572.82	574.97	573.56	573.46	572.37
4	Jun 20	1254-1610	41.4	575.02	574.81	574.63	574.20	573.74	N/A	572.39	574.98	573.62	573.52	572.37
5	Jun 23	0900-1127	43.3	575.12	574.90	574.75	574.33	573.92	N/A	572.79	575.06	574.03	573.65	572.57
6	Jun 23	1134-1407	45.4	575.15	574.90	574.76	574.31	573.86	N/A	572.70	575.06	574.05	573.60	572.57

TABLE 5.64

Summary of Discharge Measurements
Detroit River
Upstream Fighting Island Section
1980

Meas. No.	Date	Time (EST)	Discharge (TCFS)	Water Levels (Feet, IGLD 1955) Windmill Point	Belle Isle C.G.	Mt. Elliot C.G.	Fort Wayne	Wyandotte	Trenton	Gibraltar	Tecumseh	La Salle	Amherstburg	Bar Point
1	Jun 18	1352-1840	160.8	575.17	574.93	574.80	574.33	573.93	N/A	572.72	575.12	574.01	573.63	572.60
2	Jun 19	1038-1417	161.2	575.04	574.82	574.69	574.29	573.92	N/A	572.83	574.99	574.05	573.62	572.61
3	Jun 20	0911-1212	176.1	575.02	574.76	574.60	574.14	573.70	N/A	572.82	574.97	573.56	573.46	572.37
4	Jun 20	1218-1532	164.2	575.02	574.81	574.63	574.20	573.74	N/A	572.39	574.98	573.62	573.52	572.37
5	Jun 23	0916-1203	160.9	575.12	574.90	574.75	574.33	573.92	N/A	572.79	575.06	574.03	573.65	572.57
6	Jun 23	1210-1454	158.4	575.15	574.89	574.75	574.31	573.86	N/A	572.68	575.06	574.05	573.59	572.57

TABLE 5.65

Summary of Discharge Measurements
Detroit River
Wyandotte - Trenton Channel Section
1980

Meas. No.	Date	TIME (EST)	Discharge (TCFS)
1	Jun 18	N/A	50.9
2	Jun 18	N/A	50.5
3	Jun 19	N/A	49.3
4	Jun 19	N/A	46.7
5	Jun 19	N/A	48.8
6	Jun 20	N/A	54.2
7	Jun 20	N/A	46.0
8	Jun 20	N/A	49.4
9	Jun 23	N/A	47.5
10	Jun 23	N/A	50.9

TABLE 5.66

Summary of Discharge Measurements
Detroit River
Limekiln Section
1980

Meas. No.	Date	Time (EST)	Discharge (TCFS)	Water Levels (Feet, IGLD 1955) Windmill Point	Belle Isle C.G.	Mt. Elliot C.G.	Fort Wayne	Wyandotte	Trenton	Gibraltar	Tecumseh	La Salle	Amherstburg	Bar Point
1	Jun 26	1508-1625	84.9	575.04	574.79	574.63	574.19	573.73	N/A	572.53	574.97	573.59	573.46	572.51
2	Jun 26	1630-1740	81.1	575.02	574.80	574.64	574.19	573.97	N/A	572.63	574.99	573.59	573.51	572.49
3	Jun 30	1602-1652	87.9	575.00	574.75	574.60	574.13	573.65	N/A	572.38	574.95	573.68	573.37	572.27
4	Jun 30	1700-1750	86.4	575.01	574.76	574.60	574.14	573.70	N/A	572.56	574.96	573.70	573.44	572.27
5	Jul 1	1254-1434	81.9	575.01	574.78	574.65	574.24	573.81	N/A	572.72	574.95	573.86	573.55	572.47
6	Jul 1	1440-1541	85.6	574.99	574.77	574.64	574.22	573.78	N/A	572.65	574.94	573.88	573.53	572.47
7	Jul 1	1550-1642	85.4	574.98	574.75	574.62	574.19	573.78	N/A	572.60	574.91	573.88	573.50	572.47

TABLE 5.67

Summary of Discharge Measurements
Detroit River
Livingstone - Stony Section
1980

Meas. No.	Date	Time (EST)	Discharge (TCFS)	Water Levels (Feet, IGLD 1955)										
				Windmill Point	Belle Isle C.G.	Mt. Elliot C.G.	Fort Wayne	Wyandotte	Trenton	Gibraltar	Tecumseh	La Salle	Amherstburg	Bar Point
1	Jun 26	1525-1640	49.4	575.04	574.79	574.63	574.19	573.74	N/A	572.88	574.97	573.95	573.47	572.51
2	Jun 26	1644-1755	49.4	575.02	574.80	574.64	574.19	573.78	N/A	572.96	574.99	573.95	573.51	572.49
3	Jun 30	1615-1711	51.3	575.00	574.75	574.60	574.13	573.65	N/A	572.38	574.95	573.68	573.37	572.27
4	Jun 30	1720-1800	48.5	575.01	574.76	574.60	574.14	573.70	N/A	572.56	574.96	573.70	573.44	572.27
5	Jul 1	1405-1500	47.7	575.00	574.76	574.64	574.24	573.78	N/A	572.69	574.95	573.88	573.52	572.47
6	Jul 1	1505-1545	48.1	575.00	574.76	574.63	574.21	573.79	N/A	572.64	574.93	573.88	573.52	572.47
7	Jul 1	1551-1624	46.7	574.99	574.76	574.62	574.19	573.78	N/A	572.63	574.92	573.88	573.51	572.47

TABLE 5.68

Summary of Discharge Measurements
Detroit River
Stony Island Section
1980

Meas. No.	Date	Time (EST)	Discharge (TCFS)	Water Levels (Feet, IGLD 1955) Windmill Point	Belle Isle C.G.	Mt. Elliot C.G.	Fort Wayne	Wyandotte	Trenton	Gibraltar	Tecumseh	La Salle	Amherstburg	Bar Point
1	Jun 26	1517-1718	17.4	575.04	574.79	574.63	574.19	573.74	N/A	572.53	574.97	573.95	573.46	572.50
2	Jun 30	1434-1609	18.2	575.02	574.74	574.58	574.10	573.59	N/A	572.23	574.95	573.68	573.29	572.27
3	Jun 30	1615-1720	17.4	575.01	574.75	574.60	574.13	573.65	N/A	572.38	574.95	573.68	573.37	572.27
4	Jul 1	1157-1305	16.2	575.01	574.79	574.67	574.24	573.84	N/A	572.75	574.95	573.85	573.55	572.47
5	Jul 1	1312-1422	17.1	575.01	574.80	574.68	574.26	573.80	N/A	572.70	574.96	573.86	573.55	572.47
6	Jul 1	1428-1537	18.0	575.00	574.77	574.64	574.22	573.78	N/A	572.65	574.94	573.88	573.53	572.47

TABLE 5.69

Summary of Discharge Measurements
Detroit River
Bois Blanc Dike Section
1980

Meas. No.	Date	Time (EST)	Discharge (TCFS)	Water Levels (Feet, IGLD 1955) Windmill Point	Belle Isle C.G.	Mt. Elliot C.G.	Fort Wayne	Wyandotte	Trenton	Gibraltar	Tecumseh	La Salle	Amherstburg	Bar Point
1	Jun 25	1256-1328	9.0	575.08	574.86	574.71	574.24	573.81	N/A	572.61	575.03	573.98	573.52	572.57
2	Jun 25	1338-1400	9.1	575.08	574.85	574.72	574.26	573.82	N/A	572.60	575.06	573.98	573.54	572.57
3	Jun 25	1438-1505	9.2	575.09	574.90	574.73	574.27	573.86	N/A	572.69	575.05	574.00	573.57	572.57
4	Jun 26	0940-1019	8.9	574.96	574.83	574.68	574.29	573.83	N/A	572.69	575.00	573.98	573.59	572.54
5	Jun 26	1023-1049	9.2	574.98	574.81	574.68	574.28	573.84	N/A	572.67	575.01	573.98	573.55	572.54
6	Jun 26	1056-1124	9.5	575.09	574.79	574.68	574.26	573.85	N/A	572.66	575.03	573.98	573.55	572.54
7	Jun 26	1127-1154	9.6	575.07	574.82	574.67	574.27	573.84	N/A	572.61	575.00	573.98	573.54	572.54
8	Jun 26	1159-1226	9.4	575.06	574.85	574.67	574.28	573.83	N/A	572.56	574.96	573.98	573.52	572.54
9	Jun 26	1231-1253	9.9	575.03	574.84	574.68	574.26	573.80	N/A	572.53	574.96	573.98	573.45	572.54
10	Jun 26	1259-1324	9.3	575.01	574.83	574.68	574.24	573.74	N/A	572.49	574.98	573.98	573.45	572.54
11	Jun 30	1029-1106	7.8	575.02	574.76	574.62	574.12	573.71	N/A	572.46	574.96	573.65	573.44	572.31
12	Jun 30	1110-1140	7.9	575.04	574.80	574.65	574.15	573.69	N/A	572.36	574.98	573.67	573.42	572.31
13	Jun 30	1151-1222	8.8	575.03	574.81	574.65	574.19	573.67	N/A	572.27	575.00	573.68	573.39	572.31
14	Jun 30	1231-1300	9.4	575.04	574.80	574.64	574.15	573.67	N/A	572.23	575.00	573.68	573.36	572.29
15	Jun 30	1315-1346	9.3	575.05	574.78	574.61	574.11	573.62	N/A	572.16	574.98	573.68	573.29	572.27
16	Jun 30	1351-1414	8.9	575.06	574.75	574.59	574.10	573.58	N/A	572.11	574.96	573.68	573.26	572.27
17	Jul 1	0914-0946	8.0	575.01	574.78	574.66	574.25	573.86	N/A	572.76	574.95	573.85	573.57	572.42
18	Jul 1	0950-1014	8.8	575.00	574.77	574.65	574.25	573.88	N/A	572.77	574.93	573.85	573.59	572.44
19	Jul 1	1019-1049	8.3	574.98	574.75	574.63	574.24	573.86	N/A	572.74	574.91	573.85	573.57	572.44
20	Jul 1	1055-1119	8.4	574.96	574.73	574.61	574.23	573.85	N/A	572.72	574.90	573.85	573.55	572.44
21	Jul 1	1123-1202	9.0	574.98	574.76	574.63	574.23	573.84	N/A	572.75	574.91	573.85	573.55	572.45

TABLE 5.70

Summary of Discharge Measurements
Detroit River
Downstream Livingstone Section
1980

Meas. No.	Date	Time (EST)	Discharge (TCFS)	Water Levels (Feet, IGLD 1955) Windmill Point	Belle Isle C.G.	Mt. Elliot C.G.	Fort Wayne	Wyandotte	Trenton	Gibraltar	Tecumseh	La Salle	Amherstburg	Bar Point
1	Jun 25	1334-1420	38.7	575.08	574.85	574.72	574.26	573.84	N/A	572.61	575.03	573.98	573.54	572.57
2	Jun 25	1423-1455	37.8	575.09	574.90	574.73	574.27	573.86	N/A	572.69	575.05	573.99	573.57	572.57
3	Jun 26	1010-1053	38.9	574.98	574.81	574.68	574.28	573.84	N/A	572.68	575.01	573.98	573.55	572.54
4	Jun 26	1058-1133	37.6	575.07	574.79	574.68	574.26	573.85	N/A	572.66	575.00	573.98	573.54	572.54
5	Jun 26	1137-1212	37.7	575.07	574.82	574.67	574.27	573.83	N/A	572.61	575.00	573.98	573.52	572.54
6	Jun 26	1218-1319	38.9	575.03	574.84	574.68	574.26	573.80	N/A	572.53	574.96	573.98	573.49	572.54
7	Jun 30	1040-1119	37.0	575.02	574.76	574.62	574.11	573.63	N/A	572.46	574.98	573.65	573.45	572.31
8	Jun 30	1124-1210	38.9	575.04	574.80	574.65	574.15	573.69	N/A	572.36	574.98	573.67	573.42	572.31
9	Jun 30	1218-1258	41.6	575.04	574.80	574.64	574.15	573.67	N/A	572.24	575.00	573.68	573.36	572.29
10	Jun 30	1305-1338	40.1	575.05	574.80	574.61	574.11	573.63	N/A	572.16	574.98	573.68	573.29	572.27
11	Jun 30	1412-1502	39.9	575.03	574.75	574.58	574.10	573.57	N/A	572.17	574.96	573.68	573.26	572.27
12	Jul 1	1037-1107	37.2	574.98	574.75	574.63	574.24	573.86	N/A	572.74	574.91	573.85	573.57	572.44
13	Jul 1	1112-1141	36.8	574.97	574.75	574.62	574.23	573.85	N/A	572.75	574.91	573.85	573.55	572.45

TABLE 5.71

Summary of Discharge Measurements
Detroit River
Sugar Island Channel Section
1980

Meas. No.	Date	Time (EST)	Discharge (TCFS)	Water Levels (Feet, IGLD 1955) Windmill Point	Belle Isle C.G.	Mt. Elliot C.G.	Fort Wayne	Wyandotte	Trenton	Gibraltar	Tecumseh	La Salle	Amherstburg	Bar Point
1	Jun 25	1440-1615	30.0	575.10	574.91	574.73	574.29	573.88	N/A	572.76	575.06	574.00	573.59	572.57
2	Jun 25	1623-1717	29.9	575.10	574.92	574.75	574.38	573.94	N/A	572.94	575.08	574.01	573.68	572.57
3	Jun 26	1113-1234	27.5	574.05	574.82	574.68	574.27	573.84	N/A	572.61	575.00	573.98	573.54	572.50
4	Jun 26	1257-1340	31.5	575.02	574.82	574.67	574.22	573.74	N/A	572.51	574.98	573.98	573.45	572.54
5	Jun 30	1200-1259	33.4	575.04	574.80	574.64	574.15	573.67	N/A	572.24	575.00	573.68	573.36	572.29
6	Jun 30	1308-1359	33.5	575.06	574.78	574.61	574.10	573.62	N/A	572.16	574.98	573.68	573.29	572.27
7	Jun 30	1404-1453	32.9	575.03	574.75	574.58	574.10	573.58	N/A	572.17	574.96	573.68	573.26	572.27
8	Jul 1	1113-1150	28.2	574.98	574.76	574.63	574.23	573.84	N/A	572.76	574.91	573.85	573.55	572.45
9	Jul 1	1200-1300	29.1	575.00	574.80	574.66	574.24	573.84	N/A	572.75	574.95	573.85	573.55	572.47

TABLE 5.72

Summary of Discharge Measurements
Detroit River
Sugar Island Dike Section
1980

Meas. No.	Date	Time (EST)	Discharge (TCFS)	Water Levels (Feet, IGLD 1955) Windmill Point	Belle Isle C.G.	Mt. Elliot C.G.	Fort Wayne	Wyandotte	Trenton	Gibraltar	Tecumseh	La Salle	Amherstburg	Bar Point
1	Jun 25	1310-1354	10.9	575.08	574.85	574.72	574.26	573.82	N/A	572.60	575.03	573.98	573.54	572.57
2	Jun 25	1414-1454	11.3	575.08	574.90	574.73	574.27	573.86	N/A	572.69	575.05	574.00	573.57	572.57
3	Jun 26	1025-1215	11.1	575.01	574.82	574.68	574.28	573.84	N/A	572.64	575.00	573.98	573.54	572.54
4	Jun 26	1218-1250	11.1	575.04	574.84	574.68	574.26	573.80	N/A	572.53	574.96	573.98	573.49	572.54
5	Jun 26	1403-1430	11.7	575.04	574.80	574.65	574.20	573.71	N/A	572.48	574.98	573.96	573.44	572.54
6	Jun 30	1024-1130	12.1	575.02	574.78	574.63	574.15	573.64	N/A	572.40	574.97	573.66	573.42	572.31
7	Jun 30	1138-1228	11.6	575.04	574.80	574.64	574.15	573.69	N/A	572.27	574.97	573.67	573.39	572.30
8	Jun 30	1236-1314	12.2	575.04	574.80	574.64	574.15	573.67	N/A	572.23	575.00	573.68	573.36	572.29
9	Jul 1	0944-1026	9.9	575.00	574.77	574.66	574.25	573.87	N/A	572.76	574.95	573.85	573.57	572.42
10	Jul 1	1042-1106	10.9	574.98	574.75	574.63	574.24	573.87	N/A	572.75	574.91	573.85	573.57	572.44

TABLE 5.73

Summary of Discharge Measurements
Detroit River
North Peach Island Section
1981

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1955 Datum)				Discharge (TCFS)
			Fort Wayne	Wyandotte	Guage	Gibraltar	
1	May29	0950-1202	573.62	573.17	574.50	571.83	142.2
2	May29	1212-1336	573.65	573.26	574.51	572.05	136.8
3	May29	1347-1454	573.68	573.31	574.49	572.20	132.4

TABLE 5.74

Summary of Discharge Measurements
Detroit River
Revere Section
August 1984

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Section Gauge	Discharge (TCFS)
1	Aug 20	1007-1424	574.32	206.6
2	Aug 21	0631-1317	574.38	193.7
3	Aug 22	0604-0940	574.14	200.2
4	Aug 23	0557-1038	574.16	203.1
5	Aug 24	0554-1008	574.39	189.7

TABLE 5.75

Summary of Discharge Measurements
Detroit River
Revere Section
December 1984

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Section Gauge	Discharge (TCFS)
1	Dec 11	0910-1212	573.54	190.6
2	Dec 12	0856-1116	573.49	193.1
3	Dec 13	0820-1210	573.64	201.3
4	Dec 14	0826-0953	574.26	188.4

TABLE 5.76

Summary of Discharge Measurements
Detroit River
Revere Section
1988

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Section Gauge	Discharge (TCFS)
1	Nov 8	0905-1116	572.41	170.2
2	Nov 8	1245-1434	572.08	182.0
3	Nov 9	0747-0937	572.32	180.9
4	Nov 9	0944-1135	572.37	182.6
5	Nov 9	1309-1502	572.48	174.4

TABLE 5.77

Summary of Discharge Measurements
Detroit River - Trenton Channel
Elizabeth Park Section
1986

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Section Gauge	Discharge 1986	1987*
1	May 6	0802-1138	573.73	53.8	53.8
2	May 7	0802-1249	573.98	55.5	55.4
				1988**	
3	Aug 27	1121-1321	574.78	51.1	51.1

TABLE 5.78

Summary of Discharge Measurements
Detroit River - Trenton Channel
Wyandotte Chemical Section
1986

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Section Gauge	Discharge 1986	1987*
1	May 7	0748-1151	574.74	55.9	
2	Aug 27	0759-0944	574.36		57.0

* Recomputed using 1987 panel areas and vertical velocity coefficients. See Subsection 5.21.4 of main report.

** Recomputed using 1988 panel areas and vertical velocity coefficients.

TABLE 5.79

Summary of Discharge Measurements
Detroit River - Trenton Channel
Monsanto Chemical Section
1986

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Section Gauge	Discharge (TCFS)
1	Aug 26	0902-1115	573.99	50.1

TABLE 5.80

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1943

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) G.P. Yacht Club	Windmill Point	Fort Wayne	Gibraltar	Det. R. Light	Cleveland	Discharge (TCFS)
1	May 7	0811-1312	575.69	575.49	574.70	573.09	573.01	572.95	200.4
2	May 10	0734-1348	575.88	575.72	575.05	573.61	573.35	573.19	190.5
3	May 12	0736-1039	576.36	576.16	575.22	572.98	573.18	573.30	222.2
4	May 12	1053-1340	576.36	576.20	575.30	573.23	573.18	573.30	219.6
5	May 13	0739-1025	576.48	576.30	575.41	573.45	573.48	573.34	217.2
6	May 13	1051-1413	576.48	576.26	575.31	573.16	573.48	573.34	223.9
7	May 14	0738-1009	576.48	576.28	575.40	573.53	573.38	573.36	215.6
8	May 14	1040-1330	576.46	576.30	575.44	573.53	573.38	573.36	213.7
9	May 15	0729-1009	576.66	576.38	575.56	573.95	573.81	573.44	215.6
10	May 19	1124-1344	576.41	576.28	575.43	573.67	573.53	573.68	213.3
11	May 20	0759-1055	576.50	576.33	575.55	573.82	573.73	573.73	204.4
12	May 20	1055-1409	576.50	576.34	575.53	573.72	573.73	573.73	211.0

TABLE 5.81

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1944

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) G.P.Y.C	Windmill Pt.	Fort Wayne	Wyandotte	Wigle	Gibraltar	Detroit R.Lt	Cleveland	Discharge (TCFS)
1	Jul 27	0840-1142	575.89	575.62	574.87	574.48	573.62	573.42	572.30	572.89	176.7
2	Jul 28	0757-1052	575.91	575.68	574.74	574.26	572.90	572.73	572.45	573.00	211.8
3	Jul 28	1203-1454	575.91	575.63	574.82	574.40	573.54	573.38	572.45	573.00	192.0
4	Jul 31	0809-1045	575.96	575.79	574.93	574.48	573.16	573.02	572.98	573.05	208.2
5	Jul 31	1131-1416	575.96	575.81	574.98	574.52	573.39	573.39	572.98	573.05	211.2
6	Aug 1	0751-1050	576.00	575.84	575.08	574.69	573.55	573.44	573.30	573.04	192.6
7	Aug 1	1132-1405	576.00	575.84	575.03	574.64	573.39	573.29	573.30	573.04	200.3
8	Aug 2	0748-1015	575.97	575.82	575.01	N/R	573.48	573.35	573.25	573.01	205.4
9	Aug 2	1145-1431	575.97	575.83	575.06	N/R	573.42	573.29	573.25	573.01	201.3
10	Aug 3	0853-1128	575.97	575.77	574.97	574.53	573.33	573.20	572.95	572.98	203.5
11	Aug 3	1210-1428	575.97	575.80	575.02	574.53	573.40	573.27	572.95	572.98	203.6
12	Sep 13	0904-1202	575.68	575.49	574.71	574.28	573.02	572.95	572.62	572.56	193.5
13	Sep 13	1220-1454	575.68	575.45	574.68	574.26	572.98	572.91	572.62	572.56	185.5
14	Sep 14	0745-0959	575.68	575.48	574.63	574.21	572.91	572.77	572.52	572.60	202.1
15	Sep 14	1100-1358	575.68	575.49	574.66	574.23	572.96	572.85	572.52	572.60	204.3
16	Sep 15	1049-1338	575.64	575.43	574.51	N/R	572.58	572.44	572.42	572.57	203.7
17	Sep 16	0751-1032	575.69	N/R	574.69	N/R	573.08	572.97	572.70	572.58	197.6
18	Sep 16	1202-1424	575.69	N/R	574.69	574.25	572.88	572.78	572.70	572.58	200.6
19	Sep 18	0746-1003	575.70	N/R	574.70	574.26	573.12	573.00	572.70	572.51	200.1
20	Sep 18	1058-1330	575.70	N/R	574.73	574.31	573.06	573.00	572.70	572.51	194.2
21	Sep 19	0747-1016	575.66	N/R	574.65	574.21	573.02	572.91	572.42	572.53	200.2
22	Sep 19	1123-1404	575.66	N/R	574.71	574.27	573.05	572.93	572.42	572.53	195.1

TABLE 5.82

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1948

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) G.P.Y.C	Windmill Pt.	Fort Wayne	Wyandotte	Upper Ent. Lt.	Gibraltar	Detroit R. Lt	Cleveland	Discharge(TCFS)
1	Jun 11	0821-1251	576.43	576.25	575.51	575.18	574.99	574.01	573.90	573.92	198.0
2	Jun 14	0751-1107	576.38	576.20	575.44	575.07	574.88	573.87	573.68	573.86	202.2
3	Jun 15	0802-1057	576.40	576.28	575.54	575.19	574.98	573.98	573.83	573.89	201.5
4	Jun 15	1145-1417	576.40	576.28	575.53	575.19	575.02	574.01	573.83	573.89	201.4
5	Jun 17	0813-1047	576.39	576.20	575.47	575.12	574.94	573.98	573.73	573.80	198.8
6	Jun 17	1143-1424	576.39	576.20	575.50	575.12	574.96	573.94	573.73	573.80	198.0
7	Jun 18	0757-1042	576.43	576.23	575.44	575.31	574.88	573.83	573.95	573.85	201.8
8	Jun 18	1142-1426	576.43	576.23	575.54	575.31	575.01	574.11	573.95	573.85	201.2
9	Jun 21	0800-1055	576.42	576.25	575.50	575.19	574.97	573.96	573.92	573.86	193.2
10	Jun 21	1145-1422	576.42	576.25	575.49	575.19	574.95	573.97	573.92	573.86	198.8
11	Jun 22	0823-1108	576.49	576.29	575.62	575.35	575.13	574.23	573.95	573.84	189.8
12	Jun 22	1135-1349	576.49	576.29	575.66	575.35	575.18	574.25	573.95	573.84	191.0

TABLE 5.83

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1949

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum)				Discharge (TCFS)
			Windmill Pt.	Fort Wayne	Wyandotte	Gibraltar	
1	Oct 17	1131-1444	574.50	573.75	573.37	572.12	176.1
2	Oct 18	0844-1120	574.45	573.71	573.37	571.97	176.4
3	Oct 18	1131-1412	574.44	573.68	573.37	572.06	177.4
4	Oct 19	0921-1140	574.42	573.67	573.39	571.97	176.5
5	Oct 19	1207-1427	574.41	573.66	573.39	571.90	178.2
6	Oct 20	0851-1113	574.33	573.60	573.25	571.84	176.5
7	Oct 20	1126-1341	574.35	573.59	573.25	571.84	177.6
8	Oct 21	0910-1113	574.32	573.65	573.24	572.00	168.3
9	Oct 21	1125-1406	574.30	573.59	573.24	571.88	169.6
10	Oct 24	0909-1153	574.16	573.34	573.04	571.58	179.7
11	Oct 24	1202-1440	574.21	573.47	573.04	571.82	174.9
12	Oct 25	0848-1137	574.20	573.46	573.00	571.76	173.0
13	Oct 25	1152-1404	574.12	573.41	573.00	571.75	164.3
14	Oct 26	0856-1111	573.94	573.05	572.62	570.97	181.0
15	Oct 26	1119-1339	573.96	573.17	572.62	571.41	176.7

TABLE 5.84

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1950

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) G.P.Y.C	Windmill Pt.	Fort Wayne	Wyandotte	Upper Ent. Lt.	Gibraltar	Detroit R. Lt	Cleveland	Discharge(TCFS)
1	Jun 14	0847-1139	575.53	575.40	574.74	574.38	574.29	573.29	573.14	573.25	186.4
2	Jun 14	1145-1415	575.53	575.39	574.77	574.44	574.29	573.42	573.14	573.25	175.6
3	Jun 15	0855-1123	575.56	575.41	574.76	574.40	574.38	573.33	573.26	573.27	183.1
4	Jun 15	1221-1454	575.56	575.41	574.80	574.45	574.38	573.43	573.26	573.27	176.4
5	Jun 16	0842-1049	575.50	575.35	574.74	574.38	574.20	573.41	573.07	573.21	175.6
6	Jun 16	1145-1406	575.50	575.34	574.72	574.34	574.20	573.27	573.07	573.21	175.8
7	Jun 19	0840-1134	575.55	575.40	574.80	574.47	574.27	573.50	573.14	573.18	172.8
8	Jun 19	1256-1501	575.55	575.36	574.73	574.38	574.27	573.28	573.14	573.18	182.2
9	Jun 20	0843-1044	575.48	575.27	574.59	574.16	574.12	573.10	572.86	573.14	183.0
10	Jun 20	1138-1402	575.48	575.28	574.67	574.29	574.12	573.32	572.86	573.14	168.2
11	Jun 21	0841-1104	575.55	575.36	574.69	574.28	574.18	573.06	572.99	573.12	195.3
12	Jun 21	1158-1413	575.55	575.35	574.78	574.43	574.18	573.40	572.99	573.12	174.8
13	Jun 22	0833-1047	575.51	575.32	574.64	574.24	574.28	573.06	573.11	573.12	185.2
14	Jun 22	1138-1349	575.51	575.33	574.63	574.23	574.28	573.11	573.11	573.12	184.0
15	Jun 23	0842-1047	575.47	575.25	574.68	574.32	574.20	573.38	573.01	573.10	163.7
16	Jun 23	1141-1404	575.47	575.25	574.67	574.31	574.20	573.31	573.01	573.10	167.0
17	Jun 26	0838-1042	575.51	575.45	574.74	574.31	574.16	573.20	572.94	573.15	193.1
18	Jun 26	1138-1347	575.51	575.36	574.72	574.40	574.16	573.38	572.94	573.15	178.0
19	Jun 27	0908-1143	575.42	575.16	574.38	573.92	573.86	572.62	572.61	573.14	188.6
20	Jun 27	1237-1444	575.42	575.14	574.36	573.92	573.86	572.67	572.61	573.14	190.4

TABLE 5.84
(Continued)

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1950

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) G.P.Y.C	Windmill Pt.	Fort Wayne	Wyandotte	Upper Ent. Lt.	Gibraltar	Detroit R. Lt	Cleveland	Discharge(TCFS)
21	Oct 4	0844-1108	575.21	575.08	574.27	573.80	573.60	572.43	572.16	572.37	188.2
22	Oct 4	1206-1408	575.21	575.05	574.21	573.80	573.60	572.32	572.16	572.37	194.5
23	Oct 5	0841-1103	575.22	575.04	574.23	573.88	573.62	572.48	572.21	572.26	185.1
24	Oct 5	1245-1455	575.22	575.07	574.29	573.88	573.62	572.53	572.21	572.26	181.0
25	Oct 6	0912-1119	575.24	575.06	574.19	573.89	573.70	572.27	572.26	572.24	194.5
26	Oct 6	1219-1433	575.24	575.09	574.29	573.89	573.70	572.55	572.26	572.24	182.8
27	Oct 9	0851-1113	575.27	575.29	574.56	574.03	573.76	573.02	572.27	572.26	185.2
28	Oct 9	1213-1411	575.27	575.22	574.41	574.03	573.76	572.53	572.27	572.26	193.9
29	Oct 10	0852-1100	575.30	575.17	574.24	573.82	573.68	572.17	572.22	572.30	203.9
30	Oct 10	1201-1414	575.30	575.17	574.27	573.82	573.68	572.43	572.22	572.30	201.8
31	Oct 11	0834-1038	575.31	575.12	574.37	573.76	573.59	572.69	572.11	572.27	177.5
32	Oct 11	1145-1407	575.31	575.11	574.26	573.76	573.59	572.27	572.11	572.27	195.8
33	Oct 12	0840-1042	575.09	574.89	574.05	573.28	573.07	572.13	571.17	572.47	187.4
34	Oct 12	1154-1435	575.09	574.84	573.78	573.28	573.07	571.12	571.17	572.47	207.8
35	Oct 13	0836-1055	575.13	574.98	574.10	573.71	573.36	572.16	571.77	572.37	196.6
36	Oct 13	1200-1351	575.13	575.03	574.10	573.71	573.36	571.96	571.77	572.37	198.8
37	Oct 16	0845-1040	575.33	575.16	574.36	573.97	573.79	572.61	572.44	572.34	192.2
38	Oct 16	1141-1340	575.33	575.17	574.44	573.97	573.79	572.81	572.44	572.34	181.2
39	Oct 17	0911-1115	575.24	575.02	574.22	573.89	573.66	572.43	572.22	572.27	183.8
40	Oct 17	1240-1437	575.24	575.05	574.30	573.89	573.66	572.59	572.22	572.27	186.5

TABLE 5.85

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1952

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) G.P.Y.C	Windmill Pt.	Fort Wayne	Wyandotte	Upper Ent. Lt.	Gibraltar	Detroit R. Lt	Cleveland	Discharge(TCFS)
1	Aug 25	1105-1437	577.47	577.26	576.36	575.88	574.43	575.54	574.03	574.08	230.6
2	Aug 26	1042-1221	577.47	577.26	576.31	575.79	574.40	575.58	573.90	574.10	252.9
3	Aug 26	1250-1516	577.47	577.29	576.40	575.93	574.49	575.58	573.90	574.10	243.9
4	Aug 27	1025-1240	577.46	577.23	576.29	575.82	574.29	575.61	574.05	574.11	244.4
5	Aug 27	1314-1504	577.45	577.25	576.31	575.86	574.33	575.61	574.05	574.11	233.6
6	Aug 28	0918-1204	577.44	577.23	576.31	575.85	574.41	575.62	574.10	574.11	238.4
7	Aug 28	1239-1519	577.44	577.25	576.35	575.91	574.48	575.62	574.10	574.11	223.3
8	Aug 29	0905-1058	577.42	577.21	576.18	575.69	574.06	575.52	573.95	574.04	245.0
9	Aug 29	1120-1442	577.42	577.22	576.27	575.82	574.34	575.52	573.95	574.04	233.3
10	Sep 3	1030-1247	577.31	577.06	576.07	575.54	574.10	575.22	573.57	574.08	234.2
11	Sep 3	1313-1511	577.28	577.02	576.07	575.63	573.96	575.22	573.57	574.08	226.1
12	Sep 4	0908-1231	577.33	577.08	576.11	575.63	573.96	575.45	573.82	574.08	235.6

TABLE 5.86
Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1959

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) G.P.Y.C.	Windmill Point	Fort Wayne	Ouellette	Gibraltar	Cleveland	Discharge (TCFS) 1959	1973*
1	Nov 25	0815-1050	574.02	573.77	572.81	571.81	570.54	571.25	187.0	183.3
2	Nov 25	1056-1402	573.94	573.58	572.61	571.59	570.21	570.88	187.2	181.7
3	Nov 27	1111-1342	574.22	574.06	573.19	572.36	571.30	571.26	188.4	185.5
4	Nov 27	1348-1602	574.24	574.06	573.17	572.36	571.35	571.37	183.1	179.9
5	Nov 28	1050-1309	574.30	574.11	573.23	572.40	571.33	571.36	186.5	182.0
6	Nov 28	1313-1540	574.30	574.11	573.21	572.38	571.34	571.33	190.9	185.0
7	Nov 30	0839-1113	573.95	573.55	572.49	571.35	571.00	570.69	200.5	191.6
8	Nov 30	1228-1517	574.05	573.74	572.77	571.92	570.80	570.71	187.1	179.3
9	Dec 1	0832-1112	574.18	573.97	573.19	572.43	571.52	571.12	178.5	170.1
10	Dec 1	1118-1401	574.17	573.93	573.16	572.28	571.35	571.24	174.8	167.1
11	Dec 5	0818-1055	574.17	573.99	573.21	------	571.58	571.26	180.0	174.0
12	Dec 5	1252-1532	574.18	574.01	573.22	------	571.57	571.30	174.6	169.4
13	Dec 7	1039-1307	573.95	573.83	572.73	------	570.21	571.21	207.9	200.6
14	Dec 7	1312-1522	573.91	573.64	572.58	------	569.94	571.21	203.5	195.8
15	Dec 8	0832-1142	574.10	573.82	572.82	------	570.61	571.16	198.0	190.2
16	Dec 8	1147-1509	574.15	573.90	572.97	------	571.18	571.32	190.5	182.6
17	Dec 10	0827-1039	574.21	574.00	573.19	------	571.59	571.30	180.6	172.9
18	Dec 10	1044-1248	574.24	573.56	573.15	------	571.37	571.24	185.2	176.8
19	Dec 10	1252-1506	574.27	573.99	573.13	------	571.22	571.13	192.7	184.7
20	Dec 11	0852-1112	574.33	574.13	573.34	------	571.79	571.26	189.2	181.7

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients, (see Subsection 5.21.4 of main report).

TABLE 5.87

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
Summer 1960

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) G.P.Y.C.	Windmill Point	Fort Wayne	Wyandotte	Ouellette	Amhestburg	Gibraltar	Cleveland	Discharge (TCFS) 1959	1973*
1	Jul 12	1042-1343	576.09	575.89	575.06	574.66	574.30	574.36	573.42	573.26	199.4	197.7
2	Jul 13	0944-1213	576.10	575.94	575.10	574.72	574.34	574.43	573.42	573.34	209.1	205.8
3	Jul 13	1227-1523	576.17	575.99	575.14	574.72	574.32	574.43	573.43	573.35	209.5	206.7
4	Jul 14	0939-1214	576.19	576.13	575.37	575.08	574.73	574.74	573.95	573.56	209.0	204.2
5	Jul 14	1219-1502	576.18	576.11	575.29	574.84	574.42	574.59	573.54	573.40	214.5	209.9
6	Jul 15	1407-1640	576.14	575.98	575.25	574.86	574.49	574.57	573.73	573.34	195.5	192.7
7	Jul 18	0851-1144	576.06	575.86	574.97	574.59	574.15	574.25	573.21	573.21	210.7	206.8
8	Jul 19	0849-1228	576.10	575.90	575.02	574.65	574.23	574.33	573.29	573.24	213.3	208.8
9	Jul 19	1233-1534	576.12	575.93	575.08	574.73	574.34	574.44	573.46	573.30	209.4	205.6
10	Jul 20	0856-1114	576.12	575.96	575.11	574.74	574.35	574.4	573.47	573.43	206.3	203.5
11	Jul 20	1123-1326	576.15	575.97	575.09	574.70	574.30	574.38	573.33	573.26	209.6	207.0
12	Jul 20	1334-1602	576.16	575.96	575.06	574.64	574.19	574.30	573.17	573.21	215.8	213.0
13	Jul 21	0840-1115	576.09	575.88	575.05	574.63	574.29	574.31	573.32	573.25	209.3	205.0
14	Jul 21	1126-1415	576.09	575.88	575.05	574.62	574.21	574.29	573.30	573.21	207.0	203.0
15	Jul 21	1425-1637	576.09	575.86	575.08	574.66	574.27	574.30	573.40	573.19	199.2	194.2
16	Jul 22	0841-1100	576.02	575.76	574.86	574.41	573.97	574.06	572.98	573.08	209.0	203.9
17	Jul 22	1110-1348	576.01	575.75	574.88	574.45	574.02	574.11	573.05	573.05	209.8	204.1
18	Jul 25	0846-1133	576.14	575.94	575.15	574.83	574.36	574.42	573.50	573.28	209.0	205.8
19	Jul 25	1139-1455	576.13	575.96	575.20	574.72	574.43	574.48	573.59	573.30	203.2	200.7
20	Jul 26	0831-1048	576.09	575.85	575.08	574.61	574.32	574.39	573.51	573.22	196.0	191.1
21	Jul 26	1101-1424	576.08	575.83	575.08	574.63	574.34	574.41	573.55	573.20	196.6	191.4
22	Jul 27	0919-1151	576.14	575.96	575.16	------	574.42	574.46	573.60	573.38	207.2	204.2
23	Jul 27	1158-1454	576.16	575.94	575.16	------	574.36	574.39	573.47	573.28	201.9	197.7
24	Jul 27	1500-1730	576.18	575.94	575.05	------	574.14	574.23	573.13	573.23	213.6	208.2

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients. (see Subsection 5.21.4 of main report).

TABLE 5.87
(Continued)

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
Fall 1960

Meas. No.	Date	Time (EST)	Water Levels (Feet, 1935 Datum) G.P.Y.C.	Windmill Point	Fort Wayne	Wyandotte	Ouellette	Amhestburg	Gibraltar	Cleveland	Discharge (TCFS) 1959	1973*
1	Nov 4	1036-1412	575.17	574.93	573.94	573.49	573.06	573.17	571.95	572.11	204.2	197.6
2	Nov 7	1252-1536	575.34	575.15	574.27	573.80	573.40	573.53	572.44	572.21	200.1	194.0
3	Nov 10	0904-1203	575.17	574.95	573.92	573.46	573.04	573.12	571.81	572.14	216.6	208.3
4	Nov 10	1209-1429	575.15	574.96	574.08	573.68	573.34	573.42	572.29	572.21	199.8	192.2
5	Nov 14	0938-1133	575.25	575.04	574.16	573.70	573.28	573.37	572.25	572.04	203.2	196.3
6	Nov 14	1144-1347	575.26	575.05	574.16	573.72	573.30	573.41	572.29	572.11	202.5	195.5
7	Nov 14	1353-1610	575.27	575.04	574.27	573.76	573.35	573.44	572.35	572.12	195.6	187.5
8	Nov 18	0949-1155	575.24	575.02	574.11	573.67	573.19	573.33	572.18	571.95	200.4	194.3
9	Nov 18	1205-1402	575.26	575.05	574.12	573.70	573.24	573.40	572.25	572.02	203.1	196.3
10	Nov 18	1413-1625	575.24	575.06	574.19	573.78	573.35	573.47	572.39	572.14	205.2	199.0
11	Nov 21	1231-1438	575.20	574.94	574.08	573.75	573.20	573.33	572.24	572.00	195.3	189.8
12	Nov 21	1449-1644	575.20	574.95	574.03	573.70	573.03	573.21	571.94	571.91	200.9	195.2
13	Nov 23	0950-1249	575.23	575.08	574.31	573.92	573.49	573.62	572.61	572.15	188.0	181.5
14	Nov 23	1254-1518	575.26	575.06	574.11	573.64	573.07	573.23	571.94	572.06	204.6	197.8
15	Nov 25	1026-1311	575.22	574.99	574.04	573.51	573.11	573.22	572.02	571.92	211.1	199.0
16	Nov 25	1317-1559	575.22	575.01	574.12	573.73	573.24	573.37	572.29	571.98	204.7	195.0
17	Nov 28	1054-1304	575.26	575.07	574.21	573.79	573.37	573.50	572.46	572.14	196.5	193.9

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients (see Subsection 5.21.4 of main report).

TABLE 5.88

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1961

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) G.Y.P.C.	Windmill Point	Ft. Wayne	Wyandotte	Gibraltar	Detroit R.Light	Cleveland	Discharge (TCFS) 1973	*1961
1	May 16	1334-1633	575.91	575.75	574.97	574.65	573.57	573.5	573.57	194.2	200.7
2	May 17	0958-1302	575.90	575.79	575.18	574.92	573.95	573.9	573.63	182.0	187.5
3	May 17	1305-1618	575.94	575.78	575.13	374.81	573.72	573.9	573.58	191.4	196.2
4	May 18	1045-1359	575.92	575.79	575.16	574.88	573.73	573.8	573.64	182.0	184.0
5	May 18	1408-1644	575.92	575.77	574.95	574.57	573.28	573.8	573.65	201.8	204.3
6	May 19	0902-1226	575.89	575.73	574.99	574.70	573.68	573.4	573.57	197.5	201.0
7	May 19	1227-1455	575.89	575.76	575.06	574.80	573.60	573.4	573.56	188.0	191.1
8	May 19	1457-1708	575.92	575.77	575.00	574.67	573.43	573.4	573.51	195.5	199.3
9	May 22	1020-1302	575.83	575.73	574.92	574.55	573.35	573.4	573.54	201.9	204.9
10	May 22	1304-1542	575.84	575.69	574.94	574.62	573.58	573.4	573.49	----	205.1
11	May 23	0910-1222	575.83	575.72	574.93	574.60	573.42	573.4	573.48	200.0	204.2
12	May 23	1227-1434	575.84	555.72	574.91	574.57	573.39	573.4	573.51	202.6	206.9
13	May 23	1439-1650	575.83	575.68	574.94	574.61	573.54	573.4	573.49	198.4	202.9
14	May 24	0855-1153	575.78	575.59	574.80	574.45	573.28	573.4	573.47	198.1	203.7
15	May 24	1157-1429	575.78	575.61	574.85	574.54	573.50	573.4	573.35	191.1	196.0
16	May 24	1433-1712	575.76	575.61	574.89	574.57	573.51	573.4	573.40	182.8	188.3
17	May 25	0833-1057	575.75	575.52	574.82	574.47	573.35	573.3	573.37	187.9	189.8
18	May 25	1108-1336	575.75	575.51	574.81	574.46	573.40	573.3	573.39	186.2	188.6
19	May 26	0909-1144	575.89	575.76	575.02	574.70	573.56	573.3	573.81	204.4	209.6
20	May 26	1147-1350	575.88	575.74	574.95	574.59	573.13	573.3	573.83	203.1	208.0
21	May 26	1354-1622	575.89	575.73	574.83	574.42	573.08	573.3	573.69	212.8	217.9
22	May 31	0900-1136	575.72	575.54	574.80	574.45	573.35	573.3	573.29	----	193.7
23	May 31	1138-1456	575.72	575.54	574.84	574.51	573.49	573.3	573.36	----	194.4
24	Jun 5	0839-1137	575.84	575.64	574.85	574.50	573.33	573.4	573.41	194.3	198.8
25	Jun 5	1140-1420	575.83	575.63	574.86	574.53	573.47	573.4	573.38	191.4	195.3
26	Jun 5	1423-1645	575.83	575.64	574.91	574.58	573.52	573.4	573.46	189.1	192.2
27	Jun 6	0925-1215	575.85	575.71	574.97	574.65	573.57	573.4	573.54	197.5	201.0
28	Jun 6	1218-1437	575.86	575.74	575.03	574.70	573.68	573.4	573.54	195.7	198.9
29	Jun 6	1440-1656	575.90	575.79	575.08	574.80	573.76	573.4	573.53	194.4	197.7
30	Jun 7	0854-1211	575.81	575.66	574.98	574.67	575.81	573.5	573.49	188.7	190.5
31	Jun 7	1213-1444	575.82	575.67	575.00	574.67	------	573.5	573.52	184.1	186.0
32	Jun 7	1446-1702	575.82	575.68	574.98	574.67	------	573.5	573.53	190.4	192.0
33	Jun 8	0858-1153	575.80	575.65	574.88	574.51	573.33	573.4	573.43	199.0	202.5
34	Jun 8	1155-1410	575.80	575.66	574.92	574.60	573.57	573.4	573.43	194.2	198.3
35	Jun 9	1257-1630	575.83	575.70	574.96	574.64	573.55	573.4	573.49	194.8	198.3

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients (see Subsection 5.21.4 of main report).

TABLE 5.89

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1962

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) G.P.Y.C.	Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Cleveland	Discharge (TCFS) 1973	*1962
1	Jul 27	1012-1317	573.16	572.94	572.09	571.65	570.40	570.23	190.6	195.8
2	Jul 27	1320-1616	573.17	573.00	572.28	571.87	570.79	570.30	179.1	183.9
3	Jul 30	1003-1259	573.17	572.97	572.11	571.64	570.27	570.33	192.3	197.1
4	Aug 1	0848-1130	573.17	572.97	572.16	571.67	570.33	570.18	190.1	194.9
5	Aug 1	1131-1359	573.18	572.99	572.17	571.67	570.28	570.08	192.8	197.9
6	Aug 1	1401-1627	573.18	572.97	572.15	571.65	570.23	570.12	195.5	200.8
7	Aug 2	0830-1147	573.17	572.96	572.22	571.75	570.54	570.24	188.4	193.2
8	Aug 3	0856-1208	573.15	572.94	572.16	571.68	570.39	570.23	185.8	190.8
9	Aug 3	1208-1544	573.16	572.94	572.17	571.69	570.48	570.24	187.2	191.9
10	Aug 7	1200-1449	573.24	573.05	572.33	571.90	570.78	570.32	181.8	186.5
11	Aug 7	1450-1709	573.25	573.06	572.32	571.85	570.55	570.31	183.7	189.2
12	Aug 8	0805-1053	573.24	573.04	572.24	571.75	570.35	570.32	189.8	194.9
13	Aug 8	1057-1318	573.25	573.05	572.22	571.71	570.39	570.38	196.0	201.1
14	Aug 8	1320-1604	573.24	573.06	572.34	571.88	570.78	570.35	189.0	193.9
15	Aug 9	0807-1139	573.32	573.21	573.55	572.18	571.16	570.72	182.7	187.4
16	Aug 9	1140-1459	573.31	573.18	572.56	572.19	571.17	570.65	176.3	180.9
17	Aug 9	1500-1736	573.33	573.20	572.45	571.99	570.73	570.55	189.7	194.7
18	Aug 10	0800-1101	573.26	573.08	572.26	571.77	570.39	570.42	196.2	201.2
19	Aug 10	1107-1335	573.29	573.12	572.30	571.81	570.53	570.37	202.2	207.3
20	Aug 10	1337-1719	573.27	573.10	572.40	571.96	570.84	570.40	191.2	196.1

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients (see Subsection 5.21.4 of main report.

TABLE 5.89
(Continued)

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1962

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) G.P.Y.C.	Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Cleveland	Discharge (TCFS) 1973	*1962
21	Aug 13	0805-1037	573.12	572.89	572.06	571.53	570.03	570.33	186.8	191.7
22	Aug 13	1040-1345	573.08	572.82	571.92	571.36	569.83	570.27	198.7	203.7
23	Aug 13	1346-1647	573.00	572.74	571.85	571.35	569.92	570.08	190.9	196.0
24	Aug 15	0800-1041	573.14	572.93	572.17	571.68	570.38	570.23	180.4	185.1
25	Aug 15	1042-1318	573.13	572.87	572.05	571.52	570.11	570.16	190.9	196.0
26	Aug 15	1320-1627	573.12	572.87	572.12	571.62	570.37	570.16	186.6	191.4
27	Aug 16	0755-1033	573.09	572.85	572.13	571.66	570.55	570.14	178.9	183.4
28	Aug 16	1036-1419	573.10	572.91	572.13	571.63	570.38	570.21	182.2	187.1
29	Aug 17	0754-1116	573.10	572.97	572.21	571.78	570.58	570.46	181.6	186.4
30	Aug 17	1117-1404	573.11	572.98	572.21	571.75	570.46	570.23	183.9	188.5
31	Aug 17	1405-1719	573.12	572.96	572.09	571.55	570.01	570.16	196.9	202.1

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients (see Subsection 5.21.4 of main report).

TABLE 5.90

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1963

Meas. No.	Date	Time (Est)	Water Levels (Feet, IGLD 1955) Wyandotte	Gibraltar	Windmill Point	Fort Wayne	Cleveland	Discharge (TCFS) 1973	*1963
1	Oct 28	0906-1226	570.33	568.81	571.62	570.80	568.90	176.4	179.5
2	Oct 28	1231-1509	570.41	569.05	571.64	570.84	568.97	179.3	182.1
3	Oct 29	0817-1058	570.52	569.15	571.75	570.92	569.42	179.9	183.3
4	Oct 29	1100-1318	570.57	569.20	571.79	570.98	569.39	182.1	185.1
5	Oct 29	1322-1515	570.51	569.02	571.73	570.95	568.78	182.3	185.0
6	Oct 30	0802-1030	570.37	568.91	571.64	570.82	568.91	176.0	178.6
7	Oct 30	1033-1252	570.37	568.86	571.64	570.83	568.81	179.5	182.7
8	Oct 30	1255-1502	570.40	568.99	571.65	570.84	568.78	178.4	181.5
9	Oct 30	1504-1648	570.45	569.11	571.65	570.87	568.81	178.7	181.4
10	Nov 1	0829-1058	570.09	568.43	571.38	570.63	569.04	171.4	173.9
11	Nov 1	1101-1307	569.90	568.00	571.38	570.48	568.85	183.1	186.7
12	Nov 1	1309-1542	569.83	567.71	571.35	570.42	568.80	189.1	192.1
13	Nov 7	0828-1051	570.36	568.98	571.60	570.82	569.15	173.0	175.3
14	Nov 7	1053-1318	570.32	568.86	571.64	570.79	569.16	180.1	183.1
15	Nov 7	1319-1614	570.38	568.98	571.68	570.83	569.16	175.2	178.9
16	Dec 3	0848-1128	570.33	569.15	571.41	570.70	568.94	162.4	165.4
17	Dec 3	1135-1408	570.34	569.08	571.40	570.72	568.95	156.4	159.4
18	Dec 3	1411-1629	570.25	568.84	571.41	570.66	568.92	164.5	167.7
19	Dec 4	1009-1251	570.21	568.96	571.29	570.60	568.76	160.7	163.3
20	Dec 4	1252-1502	570.19	568.93	571.29	570.61	568.73	164.8	167.5
21	Dec 5	0929-1244	570.27	569.04	571.32	570.66	568.81	160.8	163.2
22	Dec 5	1230-1441	570.21	568.88	571.30	570.62	568.82	162.4	164.5

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients (see Subsection 5.21.4 of main report).

TABLE 5.91

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1964

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955)						Discharge (TCFS)	
			G.P.Y.C.	Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Cleveland	1964	*1973
1	Jun 10	1018-1354	572.11	571.93	571.23	570.85	569.68	569.70	179.4	176.1
2	Jun 10	1414-1649	572.11	571.99	571.38	571.03	569.92	569.71	174.1	170.8
3	Jun 11	0900-1141	572.06	571.89	571.36	571.02	569.99	569.75	158.6	155.5
4	Jun 11	1144-1439	572.05	571.87	571.27	570.88	569.72	569.60	164.1	160.8
5	Jun 11	1441-1656	572.06	571.86	571.24	570.84	569.63	569.58	173.7	170.1
6	Jun 12	0855-1145	572.06	571.90	571.42	571.14	570.34	569.60	151.9	148.9
7	Jun 12	1152-1447	572.06	571.89	571.37	571.00	570.04	569.76	153.2	150.1
8	Jun 12	1449-1714	572.08	571.89	571.28	570.90	569.79	569.62	163.7	160.5
9	Jun 16	1149-1455	572.06	571.86	571.24	570.81	569.55	569.64	174.9	171.5
10	Jun 16	1457-1717	572.06	571.84	571.24	570.85	569.78	569.59	173.6	170.2
11	Jun 17	0836-1137	572.04	571.86	571.19	570.75	569.54	569.60	179.4	175.7
12	Jun 17	1143-1420	572.03	571.89	571.33	570.98	570.10	569.53	166.2	163.0
13	Jun 22	1156-1428	572.06	571.92	571.37	571.02	570.06	569.61	164.4	161.2
14	Jun 22	1439-1705	572.08	571.95	571.42	571.09	570.17	569.69	160.1	156.9
15	Jun 25	0841-1202	572.00	571.78	571.17	570.77	596.70	569.57	176.2	172.7
16	Jun 25	1205-1444	572.03	571.86	571.36	571.00	570.09	569.68	156.2	153.0
17	Jun 26	0807-1051	571.94	571.74	571.09	570.67	569.53	569.51	165.4	162.2
18	Jun 29	0806-1109	571.96	571.82	571.19	570.82	569.74	569.55	168.1	164.5
19	Jun 29	1111-1325	571.96	571.85	571.23	570.87	569.80	569.58	168.7	165.4
20	Jun 29	1328-1602	571.96	570.80	570.25	570.87	569.79	569.59	157.9	154.8

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients (see Subsection 5.21.4 of main report).

TABLE 5.91
(Continued)

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1964

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) G.P.Y.C.	Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Cleveland	Discharge (TCFS) 1964	*1973
21	Jun 30	0756-1101	571.95	571.78	571.19	570.89	569.75	569.56	164.8	161.5
22	Jun 30	1103-1446	571.96	571.78	571.20	570.84	569.83	569.58	162.1	158.9
23	Jun 30	1449-1705	571.96	571.76	571.17	570.79	569.76	569.56	159.5	156.3
24	Jul 02	0843-1052	571.96	571.78	571.10	570.64	569.38	569.48	177.5	174.3
25	Jul 02	1056-1338	571.94	571.77	571.16	570.77	569.74	569.54	170.0	167.4
26	Jul 06	0845-1120	571.97	571.82	571.23	570.80	569.65	569.60	161.6	158.2
27	Jul 06	1122-1354	571.99	571.82	571.19	570.16	569.62	569.52	169.8	166.3
28	Jul 06	1357-1633	571.97	571.81	571.26	570.88	569.90	569.48	161.7	158.4
29	Jul 07	0753-1012	571.97	571.78	571.24	570.89	569.92	569.53	161.4	158.4
30	Jul 08	0756-1112	571.97	571.78	571.28	570.87	569.77	569.68	166.4	163.0
31	Jul 08	1113-1339	571.97	571.78	571.22	570.78	569.58	569.63	169.7	166.1
32	Jul 08	1342-1618	571.96	571.76	571.21	570.82	569.77	569.63	173.6	170.4
33	Jul 09	0934-1204	571.94	571.79	571.37	571.08	570.29	569.62	152.4	149.3
34	Jul 09	1208-1418	571.95	571.79	571.33	570.94	569.94	569.62	153.6	150.6
35	Jul 09	1425-1631	571.98	571.79	571.23	570.78	569.56	569.56	166.9	163.6
36	Jul 10	0804-1046	571.95	571.76	571.12	570.68	569.51	569.48	169.8	166.6
37	Jul 10	1050-1344	571.95	571.77	571.16	570.75	569.60	569.46	172.1	168.7
38	Jul 10	1345-1604	571.95	571.78	571.23	570.85	569.78	569.47	166.2	162.9

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients (see Subsection 5.21.4 of main report).

TABLE 5.92

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
Spring 1966

Meas. No.	Date	Time (Est)	Water Levels (Feet, IGLD 1955)					Discharge (TCFS)	
			G.P.Y.C.	Windmill Point	Fort Wayne	Wyandotte	Gibraltar	1966	1973*
1	May 14	1000-1418	573.33	573.11	572.34	571.88	570.62	196.7	192.9
2	May 16	0908-1328	573.23	573.00	572.30	571.82	570.32	180.9	177.2
3	May 16	1341-1656	573.23	572.98	572.23	571.71	570.46	191.6	188.2
4	May 17	0851-1201	573.26	573.05	572.35	571.89	570.76	190.1	186.5
5	May 17	1222-1449	573.27	573.06	572.36	571.91	570.77	192.8	189.4
6	May 17	1456-1703	573.34	573.04	572.35	571.93	570.81	189.7	185.9
7	May 18	0905-1230	573.28	573.04	572.33	571.85	570.63	188.7	184.6
8	May 18	1248-1629	573.28	573.02	572.33	571.88	570.76	182.8	178.5
9	May 21	0934-1255	573.30	573.06	572.35	571.87	570.58	187.4	185.1
10	May 21	1304-1652	573.26	573.01	572.22	571.73	570.42	201.5	198.3
11	May 23	0924-1203	573.27	573.04	572.36	571.90	570.75	187.9	185.8
12	May 23	1226-1443	573.28	573.05	572.42	571.98	570.94	187.8	186.5
13	May 23	1448-1640	573.28	573.04	572.44	570.01	570.98	181.7	179.5
14	May 25	0820-1045	573.26	573.30	572.30	571.86	570.77	192.0	186.9
15	May 25	1104-1320	573.27	573.03	572.38	571.95	570.88	183.1	178.5
16	May 25	1332-1638	573.27	573.04	572.40	571.95	570.84	179.6	176.2
17	May 26	0835-1108	573.27	572.99	572.27	571.80	570.61	189.3	186.2
18	May 26	1115-1350	573.27	573.00	572.38	571.91	570.85	185.3	182.4
19	May 26	1406-1643	573.26	572.98	572.38	571.94	570.89	174.0	170.6
20	May 28	0945-1232	573.24	573.00	572.37	571.90	570.71	191.1	186.0
21	May 28	1239-1504	573.24	572.99	572.36	571.89	570.78	195.7	191.2
22	May 31	0956-1230	573.22	572.98	572.20	571.67	570.26	199.6	195.1
23	May 31	1248-1438	573.24	572.99	572.17	571.65	570.26	206.1	201.5
24	May 31	1442-1658	573.23	572.97	572.23	571.49	570.58	198.7	194.5

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients (see Subsection 5.21.4 of main report).

TABLE 5.93

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
Fall 1966

Meas. No.	Date	Time (Est)	Water Levels (Feet, IGLD 1955)					Discharge (TCFS)	
			G.P.Y.C.	Windmill Point	Fort Wayne	Wyandotte	Gibraltar	1966	1973*
1	Sep 14	1022-1341	572.86	572.64	571.97	571.50	570.27	178.9	175.8
2	Sep 15	0826-1045	572.86	572.82	572.20	571.78	570.63	181.0	176.9
3	Sep 15	1050-1302	572.86	572.85	572.15	571.65	570.26	197.0	192.8
4	Sep 15	1307-1508	572.85	572.82	572.05	571.52	570.09	200.5	194.4
5	Sep 16	1045-1310	572.96	572.59	571.81	571.30	569.96	169.1	192.0
6	Sep 16	1315-1534	572.97	572.60	571.84	571.32	570.03	191.4	188.2
7	Sep 16	1593-1725	572.97	572.59	571.84	571.29	570.06	191.6	188.3
8	Sep 19	0819-1033	572.88	572.67	572.01	571.58	570.50	188.8	185.8
9	Sep 19	1038-1258	572.83	572.66	572.10	571.72	570.77	182.9	179.2
10	Sep 19	1303-1532	572.83	572.66	572.12	571.73	570.80	167.6	164.6
11	Sep 23	0834-1132	572.65	572.36	571.50	570.97	569.50	200.4	196.8
12	Sep 23	1135-1425	572.55	572.30	571.52	571.01	569.64	189.2	186.5
13	Sep 26	0901-1111	572.70	572.52	571.77	571.37	570.24	185.5	181.9
14	Sep 26	1116-1350	572.72	572.53	571.86	571.42	570.30	178.2	175.2
15	Sep 26	1355-1600	572.72	572.53	571.86	571.36	570.20	179.1	175.6
16	Sep 27	0824-1136	572.70	572.47	571.70	571.18	569.82	187.9	183.6
17	Sep 27	1141-1330	572.70	572.45	571.66	571.15	569.82	191.3	187.9
18	Sep 28	0817-1030	572.65	572.45	571.76	571.31	570.21	169.7	166.2
19	Sep 28	1035-1301	572.64	572.44	571.72	571.25	570.01	174.6	171.3
20	Sep 28	1306-1456	572.67	572.42	571.67	571.14	569.77	182.3	178.6
21	Sep 30	0829-1107	572.43	572.20	571.56	571.14	569.77	161.9	159.2

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients (see Subsection 5.21.4 of main report).

TABLE 5.93
(Continued)

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
Fall 1966

Meas. No.	Date	Time (Est)	Water Levels (Feet, IGLD 1955) G.P.Y.C.	Windmill Point	Fort Wayne	Wyandotte	Gibraltar	Discharge (TCFS) 1966	1973*
22	Sep 30	1112-1314	572.46	572.19	571.35	570.80	569.18	179.6	176.4
23	Sep 30	1319-1520	572.48	572.18	571.22	570.64	568.83	196.6	193.1
24	Oct 05	0908-1156	572.22	572.01	571.11	570.55	568.94	188.5	186.0
25	Oct 05	1201-1408	572.27	572.06	571.14	570.56	568.86	191.8	190.4
26	Oct 06	0825-1024	572.39	572.17	571.38	570.89	569.59	183.2	179.4
27	Oct 06	1029-1218	572.43	572.21	157.46	570.98	569.77	181.2	176.5
28	Oct 06	1300-1449	572.41	572.20	571.50	571.06	569.87	173.3	169.4
29	Oct 10	0900-1200	572.16	571.78	570.92	570.26	568.41	183.6	178.7
30	Oct 12	0908-1058	572.33	572.09	571.26	570.74	569.24	194.0	190.4

* Recomputed discharges using 1973 panel areas and vertical velocity coefficients (see Subsection 5.21.4 of main report).

TABLE 5.94

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1968

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Fort Wayne	Wyandotte	Discharge (TCFS)
1	May 13	1028-1835	573.58	572.86	572.47	186.3
2	May 14	0952-1611	573.63	573.00	572.67	179.0
3	May 15	1000-1523	573.55	572.88	572.52	181.3
4	May 17	0933-1422	573.44	572.67	572.26	190.8
5	May 18	0836-1313	573.57	572.86	572.45	184.9
6	May 18	1322-1702	573.56	572.88	572.48	182.8
7	May 20	0857-1337	573.49	572.61	572.15	200.2
8	May 20	1342-1718	573.50	572.74	572.33	189.3
9	May 21	0832-1740	573.59	572.85	572.44	194.8
10	May 22	0906-1258	573.59	572.88	572.45	191.7
11	May 22	1306-1656	573.63	572.96	572.54	186.8
12	May 23	0817-1211	573.66	573.03	572.65	182.8
13	May 23	1222-1725	573.69	573.06	572.69	185.5
14	May 24	0836-1328	573.78	573.19	572.89	185.6
15	May 25	0837-1241	573.68	573.01	572.64	187.2
16	May 25	1250-1652	573.67	573.00	572.66	188.7
17	May 29	0809-1250	574.12	573.44	573.02	192.0
18	May 31	0832-1231	573.91	573.00	572.50	214.6
19	May 31	1240-1706	573.94	573.16	572.75	202.7
20	Jun 01	1133-1555	573.90	573.21	572.77	189.7
21	Jun 03	0850-1253	573.83	573.03	572.59	201.5

TABLE 5.94
(Continued)

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1968

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) Windmill Point	Fort Wayne	Wyandotte	Discharge (TCFS)
22	Jun 03	1301-1656	573.83	573.08	572.62	199.7
23	Jun 04	0820-1225	573.82	573.07	572.71	195.0
24	Jun 04	1232-1638	573.83	573.16	572.81	186.2
25	Jun 05	0858-1253	573.79	573.03	572.63	192.0
26	Jun 06	0812-1210	573.78	573.03	572.65	188.9
27	Jun 06	1219-1601	573.78	573.03	572.66	189.1
28	Jun 07	0747-1145	573.77	573.04	572.66	189.1
29	Jun 07	1152-1536	573.80	573.07	572.67	190.6
30	Jun 08	0758-1135	573.79	573.10	572.72	189.9

TABLE 5.95

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1973

Meas. No.	Date	Time (EST)	Water Levels (Feet, IGLD 1955) S. Cl. Sh. Point	Wayne	Wyandotte	Gibraltar	Fort Discharge (TCFS)
1	May 15	0935-1650	576.00	575.81	574.91	574.45	573.25	222.8
2	May 17	0820-1340	575.91	575.70	574.78	574.29	573.06	228.5
3	May 18	0820-1330	575.97	575.79	574.94	574.47	573.47	225.2
4	May 19	0750-1300	575.97	575.78	574.97	574.49	573.58	221.1
5	May 21	0745-1250	575.95	575.77	574.93	574.51	573.40	225.0
6	May 22	0830-1425	575.93	575.75	574.91	574.50	573.41	220.0
7	May 23	0805-1440	576.00	575.83	575.04	574.63	573.55	214.5
8	May 24	0825-1415	576.00	575.83	575.00	574.60	573.55	222.2
9	May 25	0815-1400	576.01	575.82	574.99	574.58	573.47	221.4
10	May 29	0815-1455	576.03	575.88	574.96	574.49	573.22	234.9
11	May 30	0820-1400	576.07	575.92	575.11	574.69	573.53	217.8
12	May 31	0815-1350	576.03	575.79	574.91	574.43	573.24	222.0
13	Jun 01	0640-1125	576.04	575.82	574.94	574.46	573.24	225.3
14	Jun 01	1140-1625	576.03	575.82	574.95	574.50	573.35	221.9
15	Jun 02	0810-1330	576.07	575.93	575.16	574.73	573.62	215.2
16	Jun 04	0820-1255	576.10	575.92	575.16	574.75	573.70	209.6
17	Jun 06	0740-1235	576.17	575.97	575.15	574.71	573.61	222.6
18	Jun 06	1300-1730	576.18	576.01	575.24	574.82	573.77	214.1
19	Jun 07	0805-1445	576.20	575.98	575.17	574.73	573.67	222.7
20	Jun 08	0745-1225	576.19	575.95	575.13	574.69	573.60	219.0

TABLE 5.96

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1976

Meas. No.	Date	Time (EST)	Water Levels (Feet, MTNY) Windmill Pt.	Fort Wayne	Amherstburg	Discharge (TCFS)
1	Sep 29	0838-1645	574.64	573.72	573.20	212.8
2	Oct 1	0826-1253	574.76	573.87	573.37	217.6
3	Oct 50	0748-1247	574.67	573.90	573.48	193.2
4	Oct 70	0746-1345	-------	574.02	573.54	222.5
5	Oct 80	0911-1415	-------	573.87	573.38	219.3
6	Oct 13	0806-1315	574.44	573.65	573.19	201.8
7	Oct 14	0830-1255	574.43	573.42	572.85	226.7

TABLE 5.97

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1981

Meas. No.	Date	Time(EST)	Water Levels (Feet, IGLD1955) Fort Wayne	Wyandotte	Gibraltar	Discharge (TCFS)
1	May 15	0934-1606	573.70	573.26	571.79	217.9
2	May 18	0742-1210	573.93	573.53	572.42	197.8
3	May 19	0720-1209	573.84	573.46	572.36	198.2
4	May 20	0854-1623	573.73	573.31	572.03	201.6
5	May 21	0724-1133	573.69	573.28	572.03	204.7
6	May 22	0721-1250	573.65	573.25	572.02	210.8
7	May 26	0708-1117	573.58	573.17	571.85	206.1
8	May 27	0939-1306	573.75	573.33	572.03	208.2
9	May 28	0746-1150	573.68	573.29	572.03	213.4
10	May 29	0728-1128	573.63	573.20	571.87	204.7

TABLE 5.98

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1984

Meas. No.	Date	Time (EST)	Discharge (TCFS)
1	Aug 27	0716-1014	204.8
2	Aug 28	0701-1026	207.1
3	Aug 29	0833-1147	192.9
4	Aug 30	0747-0953	221.0
5	Aug 31	0657-1141	225.3
6	Sep 4	0646-1019	216.8
7	Sep 5	0938-1239	222.8
8	Sep 6	0706-1100	209.7
9	Sep 7	0655-0944	191.6

TABLE 5.99

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1985

Meas. No.	Date	Time (EST)	Discharge (TCFS)
1	Aug 8	0827-1159	223.6
2	Aug 9	0813-1042	227.8
3	Aug 12	0717-1002	215.1
4	Aug 13	0743-1106	216.7
5	Aug 14	0804-1117	224.0
6	Aug 15	0806-1053	233.2
7	Aug 16	0659-0943	225.4

TABLE 5.100

Summary of Discharge Measurements
Detroit River
Fort Wayne Section
1986

Meas. No.	Date	Time (EST)	Discharge (TCFS)
1	Apr 23	0850-1239	239.9
2	Apr 24	0834-1206	237.4
3	Apr 25	0807-1207	233.7