

Table 4

Lake Michigan Diversion Accounting – WY 1987

Summary of Diversion Flows (cfs)

LAKE MICHIGAN DIVERSION ACCOUNTING WY 1987	ROMEDEVILLE GAGE RECORD	DIVERSIONS ABOVE THE GAGE	TOTAL FLOW THROUGH THE CANAL	GROUNDWATER PUMPAGE DISCHARGED INTO THE CANAL	WATER SUPPLY PUMPAGE FROM INDIANA REACHING THE CANAL	RUNOFF FROM THE DES PLAINES RIVER WATERSHED REACHING THE CANAL	LAKE MICHIGAN PUMPAGE BY FEDERAL FACILITIES DISCHARGED TO THE CANAL	TOTAL DEDUCTION FROM THE ROMEDEVILLE GAGE RECORD	LAKE MICHIGAN PUMPAGE NOT DISCHARGED TO THE CANAL	TOTAL DIVERSION ACCOUNTABLE TO THE STATE OF ILLINOIS	PUMPAGE FROM LAKE MICHIGAN ACCOUNTABLE TO THE STATE OF ILLINOIS	RUNOFF FROM THE DIVERTED LAKE MICHIGAN WATERSHED	DIRECT DIVERSION ACCOUNTABLE TO THE STATE OF ILLINOIS
MONTH	1	2	3	4	5	6	7	8	9	10	11	12	13
OCT 86	5244.1	1.7	5245.8	126.0	80.0	238.3	2.4	446.6	82.8	4882.1	1686.5	1388.3	943.8
NOV 86	3320.7	2.3	3322.9	111.9	77.7	138.2	2.2	330.0	82.3	3075.3	1853.7	746.2	209.3
DEC 86	2991.6	1.0	2992.6	107.7	77.3	161.4	2.3	348.7	81.8	2725.8	1625.9	631.1	150.1
JAN 87	2675.2	0.4	2675.6	125.8	78.0	154.0	1.7	359.5	86.4	2402.5	1632.0	574.9	123.9
FEB 87	2745.4	2.2	2747.6	94.0	77.6	96.7	27.1	295.4	84.4	2536.5	1639.8	445.8	110.5
MAR 87	3158.0	2.1	3158.1	108.3	78.6	116.0	1.8	302.6	84.1	2939.4	1640.9	520.3	283.3
APR 87	3653.1	0.5	3653.6	111.9	78.8	110.0	1.8	302.6	87.1	3338.0	1667.6	761.1	292.3
MAY 87	4142.5	2.5	4145.0	119.3	87.5	86.1	1.9	294.9	88.0	3948.0	1822.6	748.9	575.5
JUN 87	4198.5	1.0	4199.4	134.4	96.9	95.7	2.3	329.2	129.3	3999.6	2144.3	742.6	769.7
JUL 87	4426.2	0.8	4427.0	119.4	92.4	56.1	2.0	269.9	138.8	4285.7	2243.7	409.3	1287.9
AUG 87	6830.2	1.4	6831.5	168.0	87.3	309.5	2.1	656.9	108.7	6283.4	2042.0	2342.9	1175.9
SEP 87	4893.7	2.5	4896.2	106.6	69.6	93.3	2.0	271.5	87.8	4722.6	1849.3	378.4	1996.5
WY 87	4028.0	1.5	4029.5	119.8	81.6	146.4	4.2	352.0	88.6	3773.5	1804.9	811.7	665.4

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COMPUTATIONS:

- COLUMN 3 EQUALS THE SUM OF COLUMN 1 AND COLUMN 2.
- COLUMN 8 EQUALS THE SUM OF COLUMN 4 THROUGH COLUMN 7.
- COLUMN 10 EQUALS COLUMN 3 MINUS COLUMN 8 PLUS COLUMN 9.

 DEDUCTIONS FROM THE ROMEDEVILLE GAGE RECORD

 ADDITIONS TO THE ROMEDEVILLE GAGE RECORD

NOTES:

- ALL VALUES ARE ROUNDED TO THE NEAREST TENTH.
- MATHEMATICAL COMPUTATIONS BETWEEN COLUMNS UTILIZE UNROUNDED VALUES.
- AVERAGE VALUES FOR WY87 WERE COMPUTED USING DAILY VALUES.