

DISCHARGE MEASUREMENTS
AT
LOW-FLOW PARTIAL-RECORD
STATIONS IN IOWA

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Water Resources Division

in cooperation with
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DISCHARGE MEASUREMENTS
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EXPLANATION OF DATA

This report compiles discharge measurements made at 433 low-flow partial-record stations in Iowa during the period 1957-74. A low-flow partial-record station is a site at which low-flow discharge measurements are made systematically over a period of years. Most of these measurements were made during periods of base flow when streamflow is primarily from ground water sources.

For estimating characteristics of low flows at a partial-record site, the baseflow measurements are correlated with concurrent flows at nearby gaging stations where continuous records are available. By using these relations the flow characteristics at the gaging station are transferred to the partial-record site. This technique has already been used to derive the low-flow characteristics at stations having adequate correlations. The results have been published in Iowa Natural Resources Council Bulletin No. 10, "Low-Flow Characteristics of Iowa Streams through 1966", by Albert J. Heinitz (1970).

Stations for which data are compiled in this report are listed in the same downstream order used in the water-supply papers published by the U.S. Geological Survey. In this system records are listed in a downstream direction along the main-stem, with all stations on a tributary entering above a main-stem station listed before that station. If a tributary enters between two main-stem stations, it is listed between them.

As an added means of identification, each site has been assigned a station number. These numbers have been assigned in the same downstream order used in the water-supply papers. In assigning station numbers, no distinction is made between partial-record stations and continuous-record gaging stations, so that the station number indicates downstream order position in a list made up of both types of stations. The complete number for each station, such as 5-3177.00, includes the part number, "5" in this illustration, and a six digit station number.

The listing starts with streams in the Mississippi River basin (Part 5) and is followed by streams in the Missouri River basin (Part 6).

After the station number and name are descriptive paragraphs containing information on the location and the drainage area. These are followed by a tabulation of the discharge measurements in chronological order.

Where maps of sufficient accuracy are available, the latitude and longitude of stations are listed to the nearest second. Places where an "XX" is shown instead of seconds indicate that maps of needed accuracy are not available.

Experience has indicated that discharge measurements made at random with respect to time are ineffective in defining the required curve of relation. Measurements listed in the tables have been made in accordance with a predetermined plan, under favorable runoff conditions. To obtain satisfactory correlation, measurements should be made only after a substantial lapse of time following the last precipitation. The exact length of time appears to be a function of the characteristics of the basins, and may be in some instances as great as 10 days. Because of these limitations, suitable measurements cannot be made within each calendar year. This explains why more than one measurement was made in certain years and none in others.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

MINNESOTA RIVER BASIN

5-3176.50 BLUE EARTH R NR LAKOTA, IA.
LAT 4330XX, LONG 9409XX, NEAR SE CORNER
OF SEC.31, T.100 N., R.27 W., KOSSUTH CO. (55), AT
BRIDGE, 4 MILES NE OF LAKOTA.
DRAINAGE AREA: 64.6 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.75	08-16-60	1.14	08-26-70	1.50
05-13-58	5.37	09-28-61	7.26	08-23-71	0.94
10-06-58	0.39	10-27-64	12.9	10-13-71	0.44
10-20-58	0.40	08-30-66	2.61	09-25-74	0.77
08-17-59	0.89	09-22-69	2.85		

5-3177.00 UNION SLOUGH OUTLET NR LAKOTA, IA.
LAT 4324XX, LONG 9407XX, NEAR S 1/4
CORNER OF SEC.11, T.99 N., R.28 W., KOSSUTH CO.
(55), AT BRIDGE, 2 MILES NW OF LAKOTA.
DRAINAGE AREA: 86.4 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.55	08-16-60	1.37	08-26-70	0.88
05-13-58	4.24	09-28-61	7.92	08-23-71	1.1
10-06-58	0.22	10-27-64	25.3	10-13-71	0.49
10-20-58	0.23	08-30-66	2.22	09-25-74	0.76
08-17-59	1.22	09-22-69	2.06		

5-3178.10 WF BLUE EARTH R BL MINN.-IOWA STATE LINE.
LAT 4326XX, LONG 9404XX, NEAR W 1/4
CORNER OF SEC.36, T.101 N., R.28 W., FARIBAULT
CO., MINN., AT BRIDGE, 9 MILES NW OF LAKOTA.
DRAINAGE AREA: 154. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.93	08-16-60	3.26	08-26-70	2.00
05-13-58	8.27	09-28-61	17.2	08-26-71	1.5
10-06-58	0.53	10-27-64	36.8	10-13-71	2.4
10-20-58	1.47	08-30-66	4.95	09-25-74	2.4
08-17-59	1.78	09-22-69	3.94		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

UPPER IOWA RIVER BASIN

5-3873.00 UPPER IOWA R AT CHESTER, IA.
LAT 4330XX, LONG 9222XX, IN SE 1/4 SEC.
10, T.100 N., R.13 W., HOWARD CO. (45),
AT BRIDGE AT NORTH CITY LIMITS OF CHESTER.
DRAINAGE AREA: 141. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	18.8	08-09-60	17.8	09-22-69	16.1
04-11-58	49.1	08-30-61	11.1	09-13-73	26.
10-08-58	5.78	08-13-64	4.28	10-01-74	20.
09-15-59	17.1	09-11-67	12.1		

5-3874.00 UPPER IOWA R NR KENDALVILLE, IA.
LAT 4328XX, LONG 9202XX, NEAR CENTER OF
SEC.21, T.100 N., R.10 W., WINNEBAGO CO. (96),
AT BRIDGE 1 MILE NORTH OF KENDALVILLE.
DRAINAGE AREA: 273. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	44.8	08-09-60	67.2	09-22-69	63.4
04-11-58	107.	08-31-61	29.2	09-13-73	76.
10-07-58	13.3	08-12-64	16.4	10-01-74	62.
09-15-59	40.4	09-12-67	34.3		

5-3881.00 CANOE CR NR DECORAH, IA.
LAT 4321XX, LONG 9141XX, IN NE 1/4 SEC.
33, T.99 N., R.7 W., WINNEBAGO CO. (96),
AT BRIDGE, 7 MILES NE OF DECORAH.
DRAINAGE AREA: 58.9 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	12.0	08-31-61	7.63	09-13-73	26.
10-07-58	5.00	08-12-64	7.56	10-01-74	23.
09-15-59	9.02	09-12-67	5.55		
08-09-60	20.7	09-23-69	20.1		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

UPPER IOWA RIVER BASIN - CONTINUED

5-3883.00 BEAR CR NR HIGHLANDVILLE, IA.
LAT 4327XX, LONG 9137XX, IN SE 1/4 SEC.
25, T.100 N., R.7 W., WINNEBAGO CO. (96),
AT BRIDGE, 3 MILES EAST OF HIGHLANDVILLE.
DRAINAGE AREA: 53.4 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	16.4	08-31-61	17.6	09-12-73	42.
10-07-58	11.3	08-12-64	17.9	10-01-74	39.
09-15-59	12.6	09-12-67	13.3		
08-09-60	21.2	09-23-69	23.1		

VILLAGE CREEK BASIN

5-3883.50 VILLAGE CR AT VILLAGE CREEK, IA.
LAT 4319XX, LONG 9114XX, IN NW 1/4 SEC.
18, T.98 N., R.3 W., ALLAMAKEE CO. (3),
AT BRIDGE IN VILLAGE CREEK.
DRAINAGE AREA: 58.5 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	19.2	08-10-60	24.0	09-23-69	22.3
04-10-58	23.5	08-31-61	19.4	09-12-73	40.
10-07-58	18.0	08-12-64	19.9	10-02-74	35.
09-14-59	18.5	09-12-67	16.4		

YELLOW RIVER BASIN

5-3888.00 YELLOW R AT MYRON, IA.
LAT 4310XX, LONG 9132XX, IN NE 1/4 SEC.
3, T.96 N., R.6 W., ALLAMAKEE CO. (3),
AT BRIDGE, 0.5 MILE SOUTH OF MYRON.
DRAINAGE AREA: 59.5 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	10.2	09-01-61	6.67	09-12-73	12.
10-07-58	3.76	08-12-64	3.05	10-02-74	12.
09-14-59	7.83	09-12-67	2.42		
08-10-60	19.8	09-23-69	10.8		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

YELLOW RIVER BASIN - CONTINUED

5-3890.00 YELLOW R AT ION, IA.
LAT 4307XX, LONG 9116XX, IN SW 1/4 SEC.
24, T.96 N., R.4 W., ALLAMAKEE CO. (3),
AT BRIDGE, 7.5 MILES NW OF MCGREGOR.
DRAINAGE AREA: 221. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	51.6	08-31-61	49.7	09-12-73	84.
10-07-58	19.4	08-12-64	28.6	10-03-74	71.
09-14-59	46.3	09-12-67	20.9		
08-10-60	113.	09-23-69	63.1		

TURKEY RIVER BASIN

5-4115.50 NB TURKEY R NR VERNON SPRINGS, IOWA
LAT 4321XX, LONG 9211XX, IN SW 1/4 SEC.
31, T.99 N., R.11 W., HOWARD CO. (45),
AT BRIDGE, 3 MILES WEST OF VERNON SPRINGS.
DRAINAGE AREA: 40.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	3.47	08-09-60	6.59	09-13-73	5.9
04-11-58	10.7	08-30-61	1.73	10-01-74	3.4
10-08-58	1.42	08-13-64	1.00		
09-15-59	3.05	09-11-67	2.08		

5-4115.60 TURKEY R NR VERNON SPRINGS, IOWA
LAT 4320XX, LONG 9207XX, IN NW 1/4 SEC.
2, T.98 N., R.11 W., HOWARD CO. (45),
AT BRIDGE, 2.5 MILES SOUTH OF VERNON SPRINGS.
DRAINAGE AREA: 87.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	6.94	08-09-60	16.10	09-13-73	11.
04-11-58	2.96	08-30-61	4.44	10-01-74	7.3
10-08-58	1.62	08-13-64	1.43		
09-15-59	7.04	09-11-67	3.69		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

TURKEY RIVER BASIN - CONTINUED

5-4116.20 L TURKEY R NR WAUCOMA, IOWA
LAT 4301XX, LONG 9159XX, IN NW 1/4 SEC.
25, T.95 N., R.10 W., FAYETTE CO. (33),
AT BRIDGE, 4 MILES SE OF WAUCOMA.
DRAINAGE AREA: 102.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	12.5	08-29-61	31.30	09-13-73	24.
10-09-58	10.10	08-11-64	10.8	09-30-74	21.
09-16-59	21.00	09-11-67	10.4		
08-11-60	23.80	06-11-68	29.1		

5-4117.00 CRANE CR NR LOURDES, IOWA
LAT 4315XX, LONG 9219XX, IN NW 1/4 SEC.
6, T.97 N., R.12 W., HOWARD CO. (45),
AT BRIDGE ON STATE HIGHWAY 272, 1 MILE SW OF
LOURDES.
DRAINAGE AREA: 75.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	4.19	08-09-60	7.17	09-13-73	6.8
04-11-58	19.1	08-30-61	5.47	09-30-74	5.0
10-08-58	1.30	08-13-64	1.06		
09-15-59	4.76	09-11-67	2.01		

5-4118.00 L TURKEY R NR ALPHA, IOWA
LAT 4301XX, LONG 9157XX, IN SW 1/4 SEC.
30, T.95 N., R.9 W., FAYETTE CO. (33),
AT BRIDGE, 3 MILES NE OF ALPHA.
DRAINAGE AREA: 319.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	28.9	08-29-61	90.8	09-13-73	54.
10-09-58	21.6	08-11-64	22.4	09-30-74	45.
09-16-59	53.9	09-11-67	22.2		
08-11-60	59.5	06-11-68	96.2		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

TURKEY RIVER BASIN - CONTINUED

5-4121.00 ROBERTS CR AB ST. OLAF, IOWA
LAT 425549, LONG 912303, IN NW 1/4 SEC.
25, T.94 N., R.5 W., CLAYTON CO. (22),
AT BRIDGE NEAR NORTH CITY LIMITS OF ST. OLAF.
DRAINAGE AREA: 70.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	0.07	08-11-60	4.77	09-12-73	9.9
10-06-58	0.03	09-01-61	0.22	09-30-74	6.3
09-14-59	0.52	08-11-64	0.01		

5-4121.50 ROBERTS CR AT ST. OLAF, IOWA
LAT 425542, LONG 912301, IN SW 1/4 SEC.
25, T.94 N., R.5 W., CLAYTON CO. (22),
AT BRIDGE NEAR EAST CITY LIMITS OF ST. OLAF.
DRAINAGE AREA: 101.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	0.07	08-11-60	7.61	09-12-73	10.
10-06-58	0.11	09-01-61	0.41	09-30-74	9.7
09-14-59	1.74	08-11-64	0.06		

5-4122.00 VOLGA R NR FAYETTE, IOWA
LAT 4249XX, LONG 9153XX, IN SW 1/4 SEC.
35, T.93 N., R.9 W., FAYETTE CO. (33),
AT BRIDGE, 4.5 MILES SW OF FAYETTE.
DRAINAGE AREA: 53.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	3.16	08-28-61	10.8	09-13-73	5.7
10-09-58	4.98	08-11-64	1.54	09-30-74	5.0
09-16-59	5.18	09-11-67	2.18		
08-08-60	8.68	06-10-68	7.40		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

TURKEY RIVER BASIN - CONTINUED

5-4123.00 L VOLGA R NR FAYETTE, IOWA
LAT 4249XX, LONG 9153XX, NEAR S 1/4
CORNER OF SEC. 35, T. 93 N., R. 9 W., FAYETTE CO.
(33), AT BRIDGE, 4 MILES SW OF FAYETTE.
DRAINAGE AREA: 31.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	2.06	08-28-61	6.95	09-13-73	3.3
10-09-58	1.40	08-11-64	0.65	09-30-74	2.4
09-16-59	2.08	09-11-67	0.97		
08-08-60	3.06	06-10-68	8.24		

5-4124.00 VOLGA R AT LITTLEPORT, IOWA
LAT 424514, LONG 912208, IN SE 1/4 SEC.
25, T. 92 N., R. 5 W., CLAYTON CO. (22),
AT BRIDGE IN LITTLEPORT.
DRAINAGE AREA: 348.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	35.9	08-11-60	88.3	09-12-73	127.
10-06-58	21.1	08-28-61	103.	09-30-74	93.
09-14-59	47.1	08-11-64	21.3		

LITTLE MAQUOKETA RIVER BASIN

5-4144.50 NF LITTLE MAQUOKETA RIVER NR RICKARDSVILLE, IOWA
LAT 423509, LONG 905120, NEAR NW CORNER
SEC. 28, T. 90 N., R. 1 E., DUBUQUE CO. (31),
AT BRIDGE, 1 MILE NE OF RICKARDSVILLE.
DRAINAGE AREA: 21.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.47	08-28-61	0.93	09-12-73	1.7
10-06-58	0.29	08-11-64	0.26	09-30-74	2.3
09-16-59	0.59	10-05-66	0.56		
08-17-60	2.68	09-23-69	2.19		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

MAQUOKETA RIVER BASIN

5-4163.00 MAQUOKETA RIVER NR DUNDEE, IOWA
LAT 423655, LONG 913344, IN SW 1/4 SEC
9, T.90 N., R.6 W., DELAWARE CO. (28),
AT BRIDGE, 2.5 MILES NORTH OF DUNDEE.
DRAINAGE AREA: 61.1 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	6.69	08-17-60	22.4	09-12-67	8.05
05-05-58	9.35	08-28-61	14.8	09-22-69	20.1
11-06-58	6.51	08-22-64	8.51	09-12-73	22.
09-16-59	10.2	10-06-66	12.9	09-30-74	15.

5-4164.00 SF MAQUOKETA R NR DUNDEE, IOWA
LAT 423608, LONG 913513, IN SW 1/4 SEC.
17, T.90 N., R.6 W., DELAWARE CO. (28),
AT BRIDGE, 2.5 MILES NW OF DUNDEE.
DRAINAGE AREA: 54.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	3.10	08-17-60	8.62	09-12-67	2.25
05-05-58	5.77	08-28-61	4.11	09-22-69	8.06
11-06-58	2.03	08-11-64	3.32	09-12-73	11.
09-16-59	4.54	10-06-66	4.53	09-30-74	9.5

5-4175.40 PLUM CR NR EARLVILLE, IOWA
LAT 422604, LONG 911358, IN NE 1/4 SEC.
18, T.88 N., R.3 W., DELAWARE CO. (28),
AT BRIDGE, 4 MILES SE OF EARLVILLE.
DRAINAGE AREA: 65.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	8.18	08-17-60	17.5	09-12-67	6.34
05-05-58	9.76	08-29-61	11.5	09-23-69	25.3
11-05-58	5.46	08-12-64	10.7	09-12-73	27.
09-16-59	7.86	10-05-66	10.1	10-01-74	28.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

MAQUOKETA RIVER BASIN - CONTINUED

5-4175.60 MAQUOKETA R NR HOPKINTON, IOWA
LAT 4222XX, LONG 9116XX, IN NE 1/4 SEC.
11, T.87 N., R.4 W., DELAWARE CO. (28),
AT BRIDGE, 2 MILES NW OF HOPKINTON.
DRAINAGE AREA: 454.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	39.0	08-17-60	94.2	09-12-67	199.
05-05-58	145.	08-29-61	58.9	09-22-69	216.
11-05-58	37.2	08-12-64	68.6	09-12-73	151.
09-16-59	40.9	10-05-66	218.	10-01-74	137.

5-4175.80 BUCK CR NR HOPKINTON, IOWA
LAT 4221XX, LONG 9117XX, IN SE 1/4 SEC.
10, T.87 N., R.4 W., DELAWARE CO. (28),
AT BRIDGE, 2.5 MILES NW OF HOPKINTON.
DRAINAGE AREA: 50.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	3.72	08-17-60	13.4	09-12-67	5.43
05-05-58	4.47	08-29-61	6.49	09-22-69	16.2
11-05-58	3.31	08-12-64	8.21	09-12-73	12.
09-16-59	6.38	10-05-66	7.74	10-01-74	13.

5-4176.00 MAQUOKETA R NR SCOTCH GROVE, IOWA
LAT 4212XX, LONG 9101XX, NEAR CENTER OF
SEC.6, T.85 N., R.1 W., JONES CO. (53),
AT BRIDGE ON STATE HIGHWAY 136, 6 MILES NE OF
SCOTCH GROVE.
DRAINAGE AREA: 704.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	131.	08-18-60	307.	10-05-66	213.
05-06-58	63.1	08-30-61	206.	09-23-69	310.
11-05-58	91.1	08-12-64	179.	09-30-74	246.
09-17-59	111.	09-13-66	210.		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

MAQUOKETA RIVER BASIN - CONTINUED

5-4181.00 NF MAQUOKETA R AT DYERSVILLE, IOWA
LAT 422905, LONG 910726, IN NW 1/4 SEC.
31, T.89 N., R.2 W., DUBUQUE CO. (31),
AT BRIDGE, IN DYERSVILLE.
DRAINAGE AREA: 80.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	7.45	08-17-60	18.2	09-12-67	7.54
05-05-58	7.35	08-29-61	14.5	09-23-69	25.1
11-05-58	6.08	08-12-64	12.2	09-12-73	30.
09-16-59	9.07	09-14-66	13.2	09-30-74	37.

5-4182.00 WHITEWATER CR AT FILLMORE, IOWA
LAT 421907, LONG 905526, IN NE 1/4 SEC.
26, T.87 N., R.1 W., DUBUQUE CO. (31),
AT BRIDGE ON U.S. HIGHWAY 151, 0.5 MILE WEST OF
FILLMORE.
DRAINAGE AREA: 91.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	9.97	08-16-60	25.6	09-12-67	11.0
05-06-58	11.3	08-29-61	25.8	09-23-69	36.2
11-05-58	7.61	08-12-64	17.6	10-01-74	36.
09-16-59	11.3	09-13-66	17.1		

5-4183.00 LYTLE CR NR BERNARD, IOWA
LAT 421757, LONG 904656, IN SE 1/4 SEC.
36, T.87 N., R.1 E., DUBUQUE CO. (31),
AT BRIDGE, 2.5 MILES SE OF BERNARD.
DRAINAGE AREA: 62.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	6.72	08-16-60	18.2	09-12-67	9.68
05-06-58	8.61	08-29-61	17.8	09-24-69	18.6
11-05-58	5.56	08-12-64	13.4	09-12-73	29.
09-16-59	7.60	09-13-66	15.9	10-01-74	35.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

MAQUOKETA RIVER BASIN - CONTINUED

5-4183.50 LITTLE CR NR FULTON, IOWA
LAT 4212XX, LONG 9045XX, NEAR CENTER OF
SEC.5, T.85 N., R.2 E., JACKSON CO. (49),
AT BRIDGE, 5 MILES NW OF FULTON.
DRAINAGE AREA: 114.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	15.5	08-16-60	38.6	09-11-67	21.0
05-06-58	17.8	08-29-61	35.4	09-24-69	44.3
11-04-58	12.1	08-11-64	30.8	09-13-73	23.
09-17-59	14.6	09-13-66	32.0	10-01-74	73.

5-4184.00 NE MAQUOKETA R NR FULTON, IOWA
LAT 4211XX, LONG 9044XX, IN SE 1/4 SEC.
9, T.85 N., R.2 E., JACKSON CO. (49),
AT BRIDGE, 3 MILES NW OF FULTON.
DRAINAGE AREA: 499.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	74.7	08-16-60	148.	09-12-67	78.2
05-06-58	75.8	08-29-61	151.	09-24-69	206.
11-04-58	61.6	08-11-64	119.	10-01-74	254.
09-17-59	78.7	09-13-66	120.		

5-4186.50 DEEP CR NR CHARLOTTE, IOWA
LAT 4200XX, LONG 9024XX, NEAR CENTER OF
SEC.17, T.83 N., R.5 E., CLINTON CO. (23),
AT BRIDGE, 4 MILES NE OF CHARLOTTE.
DRAINAGE AREA: 67.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	3.52	08-15-60	11.9	09-11-67	6.02
05-07-58	11.5	08-29-61	17.7	09-23-69	10.0
11-04-58	2.39	08-11-64	5.46	09-12-73	12.
09-15-59	4.25	09-13-66	5.51	10-01-74	11.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

MAQUOKETA RIVER BASIN - CONTINUED

5-4187.00 DEEP CR NR PPESTON, IOWA
LAT 4203XX, LONG 9026XX, NEAR N 1/4
CORNER OF SEC.31, T.84 N., R.5 E., JACKSON CO.
(49), AT BRIDGE, 2 MILES WEST OF PRESTON.
DRAINAGE AREA: 91.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	4.72	08-16-60	18.2	09-11-67	10.0
05-07-58	14.8	08-29-61	26.0	09-23-69	15.0
11-04-58	3.79	08-11-64	8.62	09-12-73	19.
09-25-59	6.77	09-13-66	7.95	10-01-74	19.

ELK RIVER BASIN

5-4203.00 ELK R NR ALMONT, IOWA
LAT 420039, LONG 901205, NEAR CENTER OF
SEC.12, T.83 N., R.6 E., CLINTON CO. (23),
AT BRIDGE, 2.5 MILES NORTH OF ALMONT.
DRAINAGE AREA: 55.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	5.15	08-15-60	16.1	09-23-69	15.3
05-07-58	11.8	08-31-61	26.2	- -	
11-04-58	3.75	08-11-64	9.50	09-12-73	21.
09-15-59	4.93	09-13-66	10.3	10-01-74	26.

WAPSIPINICON RIVER BASIN

5-4205.40 WAPSIPINICON R NR RICEVILLE, IOWA
LAT 4320XX, LONG 9234XX, IN NE 1/4 SEC.
12, T.98 N., R.15 W., MITCHELL CO. (66),
AT BRIDGE, 2.5 MILES SOUTH OF RICEVILLE.
DRAINAGE AREA: 72.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	6.41	08-09-60	7.41	09-02-71	6.8
04-11-58	18.8	08-30-61	5.59	09-14-73	19.
10-08-58	7.50	08-13-64	4.70	10-01-74	10.
09-15-59	4.86	10-05-66	7.14		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

WAPSIPINICON RIVER BASIN - CONTINUED

5-4205.80 WAPSIPINICON R NR IONIA, IOWA
LAT 4301XX, LONG 9223XX, IN NW 1/4 SEC.
33, T.95 N., R.13 W., CHICKASAW CO. (19),
AT BRIDGE, 4 MILES SE OF IONIA.
DRAINAGE AREA: 161.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	12.0	08-08-60	13.3	06-10-68	22.6
05-09-58	17.2	08-30-61	15.7	09-02-71	11.0
10-09-58	8.98	08-13-64	5.10	09-13-73	28.
09-16-59	10.8	10-05-66	9.47	09-30-74	14.

5-4206.40 LITTLE WAPSIPINICON R AT ELMA, IOWA
LAT 4314XX, LONG 9227XX, IN NW 1/4 SEC.
12, T.97 N., R.14 W., HOWARD CO. (45),
AT BRIDGE ON COUNTY ROAD A NEAR WEST CITY LIMITS
OF ELMA.
DRAINAGE AREA: 37.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	3.75	08-09-60	5.51	09-11-67	3.11
04-11-58	11.1	08-30-61	13.6	09-02-71	3.6
10-08-58	2.05	08-13-64	1.62	09-14-73	5.7
09-15-59	2.96	10-05-66	3.77	09-30-74	4.4

5-4206.60 WAPSIPINICON R NR NEW HAMPTON, IOWA
LAT 4259XX, LONG 9222XX, IN NW 1/4 SEC.
10, T.94 N., R.13 W., CHICKASAW CO. (19),
AT BRIDGE, 5 MILES SW OF NEW HAMPTON.
DRAINAGE AREA: 291.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	27.2	08-08-60	28.1	06-10-68	39.8
05-09-58	29.3	08-30-61	46.3	09-02-71	23.0
10-09-58	18.4	08-13-64	9.28	09-13-73	44.
09-16-59	23.6	10-05-66	21.1	09-30-74	26.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

WAPSIPINICON RIVER BASIN - CONTINUED

5-4206.80 WAPSIPINICON R NR TRIPOLI, IOWA
LAT 4250XX, LONG 9215XX, IN SW 1/4 SEC.
27, T.93 N., R.12 W., BREMER CO. (09),
AT BRIDGE ON STATE HIGHWAY 93, 2 MILES NORTH OF
TRIPOLI.
DRAINAGE AREA: 343.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	23.7	08-08-60	30.7	09-10-68	57.5
05-09-58	38.6	08-29-61	52.1	09-01-71	21.0
10-09-58	13.4	08-14-64	9.02	09-13-73	56.
09-16-59	26.3	10-05-66	16.4	10-01-74	34.

5-4207.00 EF WAPSIPINICON R NR FREDERICKSBURG, IOWA
LAT 4301XX, LONG 9213XX, IN NW 1/4 SEC.
36, T.95 N., R.12 W., CHICKASAW CO. (19),
AT BRIDGE, 3 MILES NORTH OF FREDERICKSBURG.
DRAINAGE AREA: 62.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	5.29	08-08-60	6.70	06-10-68	9.14
05-09-58	4.97	08-29-61	12.5	09-01-71	5.3
10-09-58	4.30	08-13-64	2.04	09-13-73	6.6
09-16-59	6.79	10-05-66	5.32	09-30-74	5.4

5-4207.20 EF WAPSIPINICON R NR TRIPOLI, IOWA
LAT 4251XX, LONG 9214XX, IN NW 1/4 SEC.
26, T.93 N., R.12 W., BREMER CO. (09),
AT BRIDGE ON STATE HIGHWAY 93, 3 MILES NORTH OF
TRIPOLI.
DRAINAGE AREA: 144.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	14.4	08-29-61	27.1	09-01-71	13.0
05-09-58	16.5	08-14-64	4.53	09-13-73	14.
10-09-58	9.05	10-05-66	10.8	10-01-74	15.
09-16-59	17.6	10-12-66	8.91		
08-08-60	18.1	06-10-68	16.4		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

WAPSIPINICON RIVER BASIN - CONTINUED

5-4207.40 WAPSIPINICON R AT TRIPOLI, IOWA
LAT 4248XX, LONG 9214XX, IN SW 1/4 SEC.
2, T.92 N., R.12 W., BREMER CO. (09),
AT BRIDGE, 1.5 MILES EAST OF TRIPOLI.
DRAINAGE AREA: 498.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	39.0	08-29-61	65.6	09-01-71	23.0
05-09-58	55.6	08-14-64	8.76	09-14-73	53.
10-09-58	22.7	10-05-66	18.2	10-01-74	35.
09-16-59	48.4	10-13-66	20.0		
08-08-60	32.8	06-10-68	64.5		

5-4208.00 CRANE CR NR DENVER, IOWA
LAT 423832, LONG 921521, IN NW 1/4 SEC.
3, T.90 N., R.12 W., BLACK HAWK CO. (07),
AT BRIDGE, 5 MILES SE OF DENVER.
DRAINAGE AREA: 63.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.	08-28-61	0.51	09-01-71	0.0
05-09-58	2.09	08-13-64	0.01	09-14-73	1.7
10-10-58	0.17	10-06-66	0.34	10-01-74	.56
09-17-59	1.95	06-11-68	6.87		
08-11-60	0.64	10-22-68	29.9		

5-4208.20 CRANE CR AT DUNKERTON, IOWA
LAT 4234XX, LONG 9210XX, IN SW 1/4 SEC.
29, T.90 N., R.11 W., BLACK HAWK CO. (07),
AT BRIDGE NEAR WEST CITY LIMITS OF DUNKERTON.
DRAINAGE AREA: 101.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.38	08-11-60	0.78	06-11-68	11.1
05-08-58	6.12	08-28-61	0.95	09-01-71	0.0
10-10-58	1.16	08-13-64	0.	07-12-73	2.3
09-17-59	1.77	10-06-66	0.82	09-30-74	0.88

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

WAPSIPINICON RIVER BASIN - CONTINUED

5-4208.40 L WAPSIPINICON R NR WESTGATE, IOWA
LAT 4247XX, LONG 9205XX, IN NE 1/4 SEC.
13, T.92 N., R.11 W., BREMER CO. (09),
AT BRIDGE, 4.5 MILES NW OF WESTGATE.
DRAINAGE AREA: 57.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	4.03	08-08-60	11.8	06-10-68	15.1
05-09-58	5.65	08-29-61	8.75	09-01-71	4.2
10-09-58	4.53	08-14-64	1.31	09-13-73	6.6
09-16-59	7.02	10-06-66	4.21	09-30-74	6.4

5-4208.60 BUCK CR NR LITTLETON, IOWA
LAT 4235XX, LONG 9203XX, NEAR CENTER OF
SEC.29, T.90 N., R.10 W., BUCHANAN CO. (10),
AT BRIDGE, 3 MILES NW OF LITTLETON.
DRAINAGE AREA: 57.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.86	08-11-60	2.73	06-11-68	9.48
05-08-58	4.01	08-28-61	2.95	09-01-71	0.06
10-10-58	2.66	08-13-64	0.	09-12-73	3.1
09-17-59	3.21	10-06-66	1.42	09-30-74	1.4

5-4209.00 L WAPSIPINICON R AT LITTLETON, IOWA
LAT 4233XX, LONG 9202XX, IN NE CORNER
SEC.9, T.89 N., R.10 W., BUCHANAN CO. (10),
AT BRIDGE, 0.5 MILE NORTH OF LITTLETON.
DRAINAGE AREA: 205.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	9.56	08-28-61	26.9	09-01-71	10.0
05-08-58	9.74	08-13-64	3.27	09-12-73	29.
10-26-58	11.3	10-06-66	13.9	09-30-74	18.
09-17-59	18.6	10-13-66	25.7		
08-11-60	20.8	06-11-68	53.1		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

WAPSIPINICON RIVER BASIN - CONTINUED

5-4209.40 OTTER CR NR OTTERVILLE, IOWA
LAT 4233XX, LONG 9157XX, NEAR SW CORNER
OF SEC. 5, T. 89 N., R. 9 W., BUCHANAN CO. (10),
AT BRIDGE, 2 MILES NORTH OF OTTERVILLE.
DRAINAGE AREA: 101.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	9.83	08-11-60	24.3	06-11-68	52.6
05-08-58	11.9	08-28-61	18.9	09-01-71	12.0
10-20-58	8.34	08-13-64	9.26	09-12-73	25.
09-17-59	17.0	10-06-66	17.7	09-30-74	20.

5-4215.00 WAPSIPINICON R AT STONE CITY, IOWA
LAT 4207XX, LONG 9121XX, IN NE 1/4 SEC.
6, T. 84 N., R. 4 W., JONES CO. (53),
AT BRIDGE, IN STONE CITY.
DRAINAGE AREA: 1324.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	111.	08-18-60	209.	10-13-66	152.
05-01-58	229.	08-30-61	286.	09-01-71	115.0
11-05-58	74.4	08-13-64	75.6	09-12-73	321.
09-17-59	172.	09-12-66	232.	09-30-74	174.

5-4215.50 BUFFALO CR ABOVE WINTHROP, IOWA
LAT 4230XX, LONG 9144XX, NEAR NE CORNER
SEC. 25, T. 89 N., R. 8 W., BUCHANAN CO. (10),
AT BRIDGE, 1.5 MILES NE OF WINTHROP.
DRAINAGE AREA: 68.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	2.61	08-12-60	10.5	06-11-68	63.4
05-08-58	3.90	08-28-61	5.99	09-01-71	4.4
10-20-58	1.70	08-13-64	2.52	09-12-73	8.6
09-17-59	3.90	10-06-66	3.99	09-30-74	6.7

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

WAPSIPINICON RIVER BASIN - CONTINUED

5-4217.00 BUFFALO CR NR STONE CITY, IOWA
LAT 4208XX, LONG 9121XX, NEAR E 1/4
CORNER SEC.30, T.85 N., R.4 W., JONES CO. (53),
AT BRIDGE, 2 MILES NORTH OF STONE CITY.
DRAINAGE AREA: 217.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	12.0	08-18-60	48.1	09-01-71	24.0
05-01-58	21.3	08-12-64	21.8	09-12-73	55.
11-05-58	9.88	09-12-66	34.0	09-30-74	37.
09-17-59	20.8	10-05-66	20.6		

5-4218.00 YANKEE RUN CR AT WHEATLAND, IOWA
LAT 414934, LONG 905025, IN NE 1/4 SEC.
16, T.81 N., R.1 E., CLINTON CO. (23),
AT BRIDGE, NEAR SOUTH CITY LIMITS OF WHEATLAND.
DRAINAGE AREA: 52.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	3.91	08-15-60	11.0	09-02-71	4.1
05-01-58	12.7	08-30-61	9.23	09-12-73	5.9
11-04-58	2.87	08-10-64	4.51	10-02-74	4.9
09-15-59	3.73	09-12-66	3.61		

5-4218.50 MUD CR NR PLAINVIEW, IOWA
LAT 414202, LONG 904526, IN SW 1/4 SEC.
29, T.80 N., R.2 E., SCOTT CO. (82),
AT BRIDGE, 2.5 MILES NE OF PLAINVIEW.
DRAINAGE AREA: 109.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	1.66	08-15-60	10.7	09-02-71	5.4
05-01-58	9.45	08-30-61	7.15	09-12-73	9.5
11-04-58	2.71	08-10-64	3.32	10-02-74	9.4
09-15-59	2.01	09-12-66	5.50		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

WAPSIPINICON RIVER BASIN - CONTINUED

5-4219.00 SILVER CR NR DE WITT, IOWA
LAT 414709, LONG 903313, IN SE 1/4 SEC.
25, T.81 N., R.3 E., CLINTON CO. (23),
AT BRIDGE, 2.5 MILES SOUTH OF DE WITT.
DRAINAGE AREA: 60.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	8.06	08-15-60	17.6	09-02-71	9.6
05-01-58	19.5	08-30-61	13.2	09-12-73	15.
11-04-58	6.44	08-10-64	7.01	10-02-74	15.
09-15-59	7.50	09-12-66	8.93		

5-4221.00 BROPHY CR NR LOW MOOR, IOWA
LAT 414856, LONG 902414, NEAR N 1/4
CORNER SEC.20, T.81 N., R.5 E., CLINTON CO. (23),
AT BRIDGE ON U. S. HIGHWAY 30, 3 MILES
NW OF LOW MOOR.
DRAINAGE AREA: 72.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	10.3	08-15-60	21.6	09-02-71	9.9
05-01-58	24.6	08-30-61	26.4	09-12-73	19.
11-04-58	9.31	08-10-64	11.5	10-01-74	18.
09-15-59	10.0	09-12-66	8.58		

IOWA RIVER BASIN

5-4483.00 WF IOWA R NR BRITT, IOWA
LAT 4306XX, LONG 9345XX, NEAR CENTER OF
SEC.25, T.96 N., R.25 W., HANCOCK CO. (41),
AT BRIDGE ON U. S. HIGHWAY 18, 3 MILES EAST
OF BRITT.
DRAINAGE AREA: 61.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	1.86	10-04-60	2.13	07-07-70	5.17
04-03-58	8.57	08-03-61	4.44	09-01-71	1.2
10-23-58	1.19	10-27-64	10.2	09-05-73	2.1
05-13-59	6.18	08-29-66	2.72		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4484.00 WESTMAIN DRAINAGE DITCH 1 & 2 NR BRITT, IOWA.
LAT 4306XX, LONG 9347XX, IN SW 1/4 SEC.
27, T.96 N., R.25 W., HANCOCK CO. (41),
AT BRIDGE ON U.S. HIGHWAY 18 NEAR EAST CITY LIMITS
OF BRITT.
DRAINAGE AREA: 21.2 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
04-03-58	2.21	08-30-61	1.74	10-13-70	2.3
10-23-58	0.76	10-27-64	3.63	09-05-73	2.5
05-13-59	1.56	08-29-66	2.26		
10-04-60	0.75	07-07-70	2.82		

5-4511.00 SF IOWA R NR ALDEN, IOWA.
LAT 4228XX, LONG 9327XX, NEAR NW CORNER
OF SEC.5, T.88 N., R.22 W., HARDIN CO. (42),
AT BRIDGE, 5 MILES SW OF ALDEN.
DRAINAGE AREA: 79.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	.44	10-04-60	7.81	09-13-67	2.15
05-08-58	11.5	09-05-61	4.02	07-07-70	10.8
10-23-58	.65	10-26-64	0.90	09-02-71	0.12
05-15-59	11.2	09-08-66	0.13	09-05-73	1.3

5-4511.50 TIPTON CR NR NEW PROVIDENCE, IOWA
LAT 4220XX, LONG 9312XX, IN SW 1/4 SEC.
21, T.87 N., R.20 W., HARDIN CO. (42),
AT BRIDGE, 3 MILES NW OF NEW PROVIDENCE.
DRAINAGE AREA: 81.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	1.64	10-03-60	27.4	07-07-70	3.34
05-08-58	15.9	09-05-61	5.62	09-02-71	0.08
10-24-58	2.87	10-26-64	0.05	09-05-73	5.0
05-14-59	21.3	09-08-66	1.42		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4512.00 SF IOWA R NR NEW PROVIDENCE, IOWA
LAT 4219XX, LONG 9310XX, NEAR N 1/4
CORNER SEC.27, T.87 N., R.20 W., HARDIN CO. (42),
AT BRIDGE, 3 MILES NORTH OF NEW
PROVIDENCE.
DRAINAGE AREA: 223.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	5.36	10-03-60	71.7	07-07-70	9.97
05-08-58	41.2	09-05-61	19.8	09-02-71	3.4
10-24-58	7.94	10-26-64	3.87	09-05-73	13.
05-14-59	53.6	09-08-66	5.86		

5-4512.50 BEAVER CR NR ELDORA, IOWA
LAT 4221XX, LONG 9308XX, NEAR CENTER OF
SEC.13, T.87 N., R.20 W., HARDIN CO. (42),
AT BRIDGE, 2 MILFS SW OF ELDORA.
DRAINAGE AREA: 69.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	3.51	10-04-60	36.4	07-07-70	9.94
05-08-58	11.1	09-05-61	5.29	09-02-71	1.7
10-24-58	4.64	10-26-64	2.14	09-05-73	3.3
05-14-59	17.0	09-08-66	5.62		

5-4513.00 HONEY CR NR NEW PROVIDENCE, IOWA
LAT 4216XX, LONG 9311XX, AT E 1/4
CORNER SEC.16, T.86 N., R.20 W., HARDIN CO. (42),
AT BRIDGE, 1.5 MILES SOUTH OF NEW
PROVIDENCE.
DRAINAGE AREA: 66.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	1.96	10-03-60	34.6	07-07-70	4.05
05-08-58	13.7	09-05-61	3.97	09-02-71	0.10
10-24-58	2.94	10-26-64	0.34	09-05-73	6.4
05-15-59	23.2	09-08-66	0.65		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4513.50 HONEY CP AT BANGOR, IOWA
LAT 4210XX, LONG 9305XX, NEAR W 1/4
CORNER SEC.16, T.85 N., R.19 W., MARSHALL CO. (64),
AT BRIDGE, 1 MILE EAST OF BANGOR
DRAINAGE AREA: 95.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	4.86	10-03-60	40.4	07-08-70	11.2
05-08-58	18.6	09-05-61	7.48	09-02-71	1.1
10-24-58	5.97	10-26-64	0.60	09-05-73	13.
05-15-59	39.3	09-08-66	2.04		

5-4514.00 MINERVA CR AT CLEMONS, IOWA
LAT 4208XX, LONG 9309XX, NEAR CENTER OF
SEC.35, T.85 N., R.20 W., MARSHALL CO. (64),
AT BRIDGE, 1 MILE NE OF CLEMONS.
DRAINAGE AREA: 69.6 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	2.01	10-03-60	28.3	07-08-70	1.52
05-08-58	13.7	09-05-61	3.63	09-02-71	0.17
10-24-58	3.96	10-26-64	0.26	09-05-73	4.0
05-15-59	37.8	09-08-66	0.60		

5-4514.50 MINERVA CR NR CLEMONS, IOWA
LAT 4207XX, LONG 9305XX, NEAR CENTER OF
SEC.5, T.84 N., R.19 W., MARSHALL CO. (64),
AT BRIDGE, 3.5 MILES EAST OF CLEMONS
DRAINAGE AREA: 148.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	8.21	10-03-60	47.4	07-08-70	6.44
05-08-58	30.3	09-05-61	7.19	09-02-71	3.7
10-24-58	11.9	10-26-64	2.36	09-05-73	13.
05-15-59	9.49	09-08-66	3.10		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4516.00 LINN CR AT MARSHALLTOWN, IOWA
LAT 420222, LONG 925440, IN SW 1/4 SEC.
35, T.84 N., R.18 W., MARSHALL CO. (64),
AT BRIDGE ON STATE HIGHWAY 14 IN MARSHALLTOWN.
DRAINAGE AREA: 60.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	3.81	08-17-60	10.8	07-08-70	11.4
04-23-58	16.3	09-05-61	6.96	09-06-73	8.1
10-06-58	6.13	10-26-64	3.92	09-26-74	11.
10-21-59	2.52	09-12-66	2.78		

5-4516.50 S TIMBER CR NR LE GRAND, IOWA
LAT 4159XX, LONG 9250XX, IN SW 1/4 SEC.
21, T.83 N., R.17 W., MARSHALL CO. (64),
AT BRIDGE, 4 MILES SW OF LE GRAND.
DRAINAGE AREA: 62.0 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	1.96	08-17-60	9.18	07-08-70	14.1
04-23-58	9.32	09-05-61	8.45	09-06-73	6.7
10-06-58	1.36	10-27-64	3.09	09-26-74	13.
10-21-59	2.48	09-12-66	2.81		

5-4518.00 DEER CR AT TOLEDO, IOWA
LAT 4159XX, LONG 9235XX, NEAR W 1/4
CORNER SEC.15, T.83 N., R.15 W., TAMA CO. (86),
AT BRIDGE NEAR NW CITY LIMITS OF TOLEDO.
DRAINAGE AREA: 76.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	18.8	08-17-60	13.1	07-08-70	16.2
04-22-58	23.1	09-05-61	8.36	09-06-73	11.
10-06-58	23.6	10-28-64	5.06	09-27-74	24.
10-21-59	6.58	09-12-66	6.58		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4519.30 SALT CR NR CLUTIER, IOWA
LAT 4203XX, LONG 9222XX, NEAR E 1/4
CORNER SEC.33, T.84 N., R.13 W., TAMA CO. (86),
AT BRIDGE, 3.5 MILES SE OF CLUTIER.
DRAINAGE AREA: 85.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	10.9	08-17-60	13.2	07-08-70	18.5
04-22-58	21.3	09-05-61	8.82	09-06-73	11.
10-06-58	24.0	10-28-64	5.25	09-27-74	22.
10-21-59	8.28	09-12-66	8.41		

5-4519.60 FB SALT CR NR ELBERON, IOWA
LAT 4204XX, LONG 9220XX, NEAR E 1/4
CORNER SEC.27, T.84 N., R.13 W., TAMA CO. (86),
AT BRIDGE, 4 MILES NW OF ELBERON.
DRAINAGE AREA: 71.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	4.16	08-17-60	9.39	07-08-70	16.1
04-22-58	12.0	09-05-61	8.55	09-06-73	6.3
10-06-58	11.6	10-28-64	3.68	09-27-74	13.
10-21-59	8.25	09-12-66	6.26		

5-4527.00 BEAR CR AT BROOKLYN, IOWA
LAT 4145XX, LONG 9226XX, NEAR NE CORNER
OF SEC.14, T.80 N., R.14 W., POWESHIEK CO. (79),
AT BRIDGE, 1 MILE NORTH OF BROOKLYN.
DRAINAGE AREA: 77.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	2.87	09-06-60	4.48	07-08-70	15.6
04-22-58	11.3	09-06-61	6.42	09-07-73	5.8
10-06-58	10.4	10-28-64	3.38	09-26-74	9.4
10-21-59	5.00	10-05-66	2.67		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4542.00 CLEAR CR NR OXFORD, IOWA
LAT 4143XX, LONG 9147XX, IN NE 1/4 SEC.
28, T.80 N., R.8 W., JOHNSON CO. (52),
AT BRIDGE, 1 MILE SE OF OXFORD.
DRAINAGE AREA: 55.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.10	08-15-60	11.1	07-08-70	16.1
04-22-58	2.19	09-05-61	1.56	09-06-73	5.4
10-06-58	2.27	10-29-64	1.86	09-27-74	12.
10-23-59	5.29	10-06-66	0.99		

5-4550.50 OLD MANS CR NR PARNELL, IOWA
LAT 4136XX, LONG 9157XX, NEAR SW CORNER
OF SEC.31, T.79 N., R.9 W., IOWA CO. (48),
AT BRIDGE, 3 MILES NE OF PARNELL.
DRAINAGE AREA: 81.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.14	09-06-60	1.57	10-05-66	0.57
04-21-58	2.57	09-07-61	0.99	07-08-70	21.6
10-22-58	9.29	10-28-64	0.52	09-07-73	1.0
10-23-59	4.27	09-13-66	1.50	09-26-74	13.

5-4551.00 OLD MANS CR NR IOWA CITY, IOWA
LAT 413623, LONG 913656, IN NW 1/4 SEC.
36, T.79 N., R.7 W., JOHNSON CO. (52),
AT BRIDGE, 3 MILES SW OF IOWA CITY.
DRAINAGE AREA: 201.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	1.10	08-15-60	19.6	07-08-70	65.1
04-28-58	6.38	09-07-61	4.30	09-06-73	16.
11-03-58	8.87	10-29-64	2.58	09-27-74	38.
10-23-59	14.0	10-05-66	3.49		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4552.00 N ENGLISH R NR GUERNSEY, IOWA
LAT 4138XX, LONG 9224XX, NEAR SW CORNER
SEC. 17, T.79 N., R.13 W., POWESHIEK CO. (79),
AT BRIDGE, 2.5 MILES WEST OF GUERNSEY.
DRAINAGE AREA: 68.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	5.44	09-06-61	10.1	07-08-70	9.80
04-22-58	10.0	04-15-63	8.75	09-07-73	2.2
10-03-58	9.94	07-01-63	2.45	09-26-74	6.2
10-21-59	5.28	11-06-63	2.58		
09-06-60	4.11	10-05-66	1.16		

5-4552.50 N ENGLISH R NR NORTH ENGLISH, IOWA
LAT 4133XX, LONG 9203XX, NEAR SW CORNER
SEC.17, T.78 N., R.10 W., IOWA CO. (48),
AT BRIDGE, 3.25 MILES NE OF NORTH ENGLISH.
DRAINAGE AREA: 221.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	8.47	09-07-61	16.7	09-13-66	8.68
04-21-58	23.3	04-16-63	31.8	10-05-66	3.96
10-22-58	38.0	06-26-63	9.78	07-08-70	38.7
10-22-59	30.0	07-01-63	9.78	09-07-73	7.3
09-06-60	9.46	11-06-63	6.17	09-26-74	26.

5-4552.60 M ENGLISH R NR NORTH ENGLISH, IOWA
LAT 4132XX, LONG 9204XX, NEAR NE CORNER
SEC.25, T.78 N., R.11 W., IOWA CO. (48),
AT BRIDGE, 2 MILES NE OF NORTH ENGLISH.
DRAINAGE AREA: 66.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.16	04-16-63	7.58	07-08-70	11.0
04-21-58	2.69	06-26-63	1.40	09-07-73	.46
10-22-58	0.87	07-01-63	0.80	09-26-74	4.7
10-22-59	3.40	11-06-63	1.36		
09-06-60	0.52	09-13-66	0.23		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4554.00 S ENGLISH R NR KESWICK, IOWA
LAT 412813, LONG 921531, IN SW 1/4 SEC.
16, T.77 N., R.12 W., KEOKUK CO. (54),
AT BRIDGE, 1.5 MILES NW OF KESWICK.
DRAINAGE AREA: 66.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	1.55	04-15-63	5.58	09-13-66	0.25
10-03-58	1.66	07-01-63	1.33	11-03-66	0.18
10-22-59	7.03	11-06-63	1.30	07-08-70	9.41
09-06-60	2.03	06-03-66	39.0	09-07-73	.38
09-07-61	3.47	07-25-66	4.69	09-26-74	4.7

5-4554.50 S ENGLISH R NR KINROSS, IOWA
LAT 4130XX, LONG 9157XX, IN NW 1/4 SEC.
7, T.77 N., R.9 W., WASHINGTON CO. (92),
AT BRIDGE, 3 MILES NE OF KINROSS.
DRAINAGE AREA: 125.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	5.68	04-16-63	15.3	09-13-66	1.95
04-22-58	7.20	06-26-63	4.34	07-08-70	22.2
10-03-58	1.64	07-01-63	4.05	09-07-73	2.5
10-22-59	11.0	11-06-63	2.13	09-26-74	9.2
09-06-60	3.23	06-02-66	70.7		
09-07-61	5.76	07-25-66	11.8		

5-4573.00 OTTER CR NR OTRANTO, IOWA
LAT 4328XX, LONG 9258XX, IN NW 1/4 SEC.
22, T.100 N., R.18 W., MITCHELL CO. (66),
AT BRIDGE, 1.5 MILES NE OF OTRANTO.
DRAINAGE AREA: 60.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	6.04	10-05-60	11.7	09-12-67	6.14
05-06-58	7.25	08-29-61	8.02	07-07-70	8.87
10-22-58	3.11	08-19-64	3.95	09-02-71	5.3
05-13-59	8.60	09-08-66	7.22	09-05-73	16.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4573.50 CEDAR R AT OTRANTO, IOWA
LAT 4327XX, LONG 9259XX, IN NW 1/4 SEC.
28, T.100 N., R.19 W., MITCHELL CO. (66),
AT BRIDGE NEAR EAST CITY LIMITS OF OTRANTO.
DRAINAGE AREA: 656.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	85.4	08-29-61	87.0	07-07-70	120.
05-06-58	120.	07-21-64	81.8	09-02-71	73.0
10-22-58	47.7	08-19-64	61.5	09-05-73	193.
05-14-59	110.	09-08-66	74.4		
10-05-60	118.	09-12-67	66.9		

5-4574.00 DEER CR NR MELTONVILLE, IOWA
LAT 4326XX, LONG 9305XX, IN SW 1/4 SEC.
27, T.100 N., R.19 W., WORTH CO. (98),
AT BRIDGE, 2.5 MILES WEST OF MELTONVILLE.
DRAINAGE AREA: 67.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	1.85	10-04-60	4.20	09-11-67	0.83
05-06-58	10.0	08-29-61	2.84	07-07-70	4.47
10-22-58	0.65	08-19-64	0.00	09-01-71	2.3
05-13-59	4.28	09-08-66	1.48	09-05-73	4.0

5-4574.50 DEER CR AT ST. ANSGAR, IOWA
LAT 4323XX, LONG 9258XX, IN SW 1/4 SEC.
15, T.99 N., R.18 W., MITCHELL CO. (66),
AT BRIDGE, 2.5 MILES NW OF ST. ANSGAR.
DRAINAGE AREA: 97.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	3.10	10-05-60	8.72	09-12-67	1.40
05-07-58	14.8	08-28-61	5.00	07-07-70	9.08
10-22-58	1.22	08-19-64	0.29	09-02-71	4.2
05-14-59	7.28	09-08-66	3.76	09-05-73	6.8

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4576.00 POCK CR NR FLOYD, IOWA
LAT 4313XX, LONG 9249XX, IN NW 1/4 SEC.
24, T.97 N., R.17 W., FLOYD CO. (34),
AT BRIDGE, 6 MILES NW OF FLOYD.
DRAINAGE AREA: 69.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	5.65	10-05-60	20.9	07-07-70	17.9
05-07-58	20.8	08-28-61	6.31	09-02-71	9.4
10-22-58	3.33	09-07-66	13.5	09-06-73	11.
05-14-59	9.73	09-12-67	6.73		

5-4578.00 L CEDAR R NR STACEYVILLE, IOWA
LAT 4328XX, LONG 9247XX, IN NE 1/4 SEC.
19, T.100 N., R.16 W., MITCHELL CO. (66),
AT BRIDGE, 2 MILES NORTH OF STACEYVILLE.
DRAINAGE AREA: 77.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	6.13	10-05-60	15.4	09-12-67	2.88
05-06-58	9.49	08-28-61	7.78	07-07-70	6.57
10-22-58	2.16	08-19-64	1.16	09-02-71	4.1
05-14-59	5.99	09-08-66	3.82	09-05-73	10.

5-4584.00 QUARTER SECTION RUN NR DENVER, IOWA
LAT 423951, LONG 922346, IN NE 1/4 SEC.
29, T.91 N., R.13 W., BREMER CO. (09),
AT BRIDGE, 3 MILES SW OF DENVER.
DRAINAGE AREA: 83.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.00	10-03-60	0.00	09-12-67	0.00
06-07-58	0.00	08-28-61	0.00	07-07-70	2.93
10-21-58	0.00	08-18-64	0.00	09-01-71	0.0
05-12-59	0.00	09-08-66	0.26	09-06-73	0.0

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4585.50 BEAVERDAM CR NR ROCKWELL, IOWA
LAT 4258XX, LONG 9315XX, NEAR EAST 1/4
CORNER SEC. 18, T. 94 N., R. 20 W., CERRO GORDO CO.
(17), AT BRIDGE, 3 MILES SW OF ROCKWELL.
DRAINAGE AREA: 72.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	1.35	08-30-61	1.41	09-11-67	2.66
04-03-58	7.43	10-08-63	3.50	06-10-68	23.3
10-23-58	0.96	08-17-64	2.16	07-09-70	7.40
05-13-59	5.76	10-07-64	11.4	09-02-71	4.3
10-03-60	6.31	09-06-66	3.49	09-06-73	6.0

5-4586.00 BAILEY CR NR SHEFFIELD, IOWA
LAT 4254XX, LONG 9316XX, IN NW 1/4 SEC.
1, T. 93 N., R. 21 W., FRANKLIN CO. (35),
AT BRIDGE, 4 MILES NW OF SHEFFIELD.
DRAINAGE AREA: 75.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	1.36	08-30-61	1.52	09-11-67	2.74
04-03-58	4.74	10-08-63	3.50	07-08-70	8.99
10-23-58	1.14	08-17-64	4.16	09-23-71	5.4
05-13-59	5.33	10-07-64	16.5	09-06-73	5.6
10-03-60	3.70	09-06-66	3.84		

5-4587.50 OTTER CR NR HANSELL, IOWA
LAT 4246XX, LONG 9307XX, IN NW 1/4 SEC.
29, T. 92 N., R. 19 W., FRANKLIN CO. (35),
AT BRIDGE, 1 MILE WEST OF HANSELL.
DRAINAGE AREA: 92.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	3.42	08-30-61	3.60	09-12-67	7.47
05-07-58	11.3	10-08-63	9.64	07-08-70	17.0
10-21-58	3.01	08-17-64	5.72	09-01-71	8.4
05-12-59	11.4	10-08-64	18.9	09-06-73	16.
10-04-60	14.6	09-06-66	10.4		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4587.70 SQUAW CR NR HANSELL, IOWA
LAT 4244XX, LONG 9307XX, NEAR CENTER OF
SEC. 32, T. 92 N., R. 19 W., FRANKLIN CO. (35),
AT BRIDGE, 1.5 MILES SW OF HANSELL.
DRAINAGE AREA: 24.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	1.23	08-30-61	2.04	09-12-67	2.54
05-07-58	2.27	10-08-63	2.83	07-08-70	6.30
10-21-58	1.36	08-17-64	2.38	09-01-71	2.7
05-12-59	3.27	10-08-64	5.75	09-07-73	6.4
10-04-60	6.22	09-06-66	4.55		

5-4587.80 HARTGRAVE CR NR HANSELL, IOWA
LAT 4244XX, LONG 9305XX, IN NW 1/4 SEC.
34, T. 92 N., R. 19 W., FRANKLIN CO. (35),
AT BRIDGE, 1.5 MILES SE OF HANSELL.
DRAINAGE AREA: 161.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	8.69	08-30-61	8.60	09-06-66	24.8
05-07-58	22.6	10-08-63	17.2	09-12-67	17.4
10-21-58	8.58	07-29-64	11.6	07-08-70	37.9
05-12-59	23.0	08-17-64	13.8	09-01-71	18.0
10-04-60	30.4	10-08-64	38.5	09-07-73	31.

5-4587.90 BOYLAN CR NR BRISTOW, IOWA
LAT 4246XX, LONG 9256XX, IN NE 1/4 SEC.
23, T. 92 N., R. 18 W., BUTLER CO. (12),
AT BRIDGE, 1 MILE WEST OF BRISTOW.
DRAINAGE AREA: 55.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.00	08-30-61	0.17	09-12-67	0.00
05-07-58	2.91	10-08-63	0.88	07-07-70	4.28
10-21-58	0.00	08-18-64	0.00	09-22-71	0.32
05-12-59	0.00	10-08-64	2.76	09-06-73	1.8
10-04-60	14.7	09-07-66	1.11		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4588.00 MAYNES CR NR HAMPTON, IOWA
LAT 4241XX, LONG 9312XX, IN NW 1/4 SEC.
22, T.91 N., R.20 W., FRANKLIN CO. (35),
AT BRIDGE ON U.S. HIGHWAY 65, 4 MILES SOUTH OF
HAMPTON.
DRAINAGE AREA: 71.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	2.38	08-30-61	2.68	09-12-67	3.25
05-07-58	11.0	10-09-63	3.20	07-08-70	10.8
10-21-58	3.91	08-17-64	4.38	07-08-70	10.3
05-12-59	9.89	10-08-64	12.2	09-01-71	4.0
10-04-60	14.6	09-07-66	6.61	09-07-73	7.2

5-4588.50 MAYNES CR NR DUMONT, IOWA
LAT 4242XX, LONG 9258XX, IN SW 1/4 SEC.
15, T.91 N., R.18 W., BUTLER CO. (12),
AT BRIDGE, 4 MILES SOUTH OF DUMONT.
DRAINAGE AREA: 121.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	3.72	08-30-61	6.59	09-12-67	8.88
05-07-58	19.4	10-08-63	7.71	07-07-70	25.2
10-21-58	8.00	08-18-64	7.61	09-02-71	9.4
05-12-59	30.1	10-08-64	28.3	09-06-73	17.
10-04-60	34.1	09-07-66	16.2		

5-4590.50 LIME CR NR SCARVILLE, IOWA
LAT 4327XX, LONG 9335XX, IN SW 1/4 SEC.
28, T.100 N., R.23 W., WINNEBAGO CO. (95),
AT BRIDGE, 3.5 MILES SE OF SCARVILLE.
DRAINAGE AREA: 113.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	6.11	08-29-61	6.61	07-07-70	9.32
04-03-58	24.5	08-28-63	17.4	09-01-71	9.5
10-22-58	3.00	08-19-64	2.06	09-05-73	12.
05-13-59	75.9	09-07-66	8.85		
10-04-60	7.25	09-11-67	6.45		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4592.00 WINNEBAGO R NR FOREST CITY, IOWA
LAT 4318XX, LONG 9339XX, IN NW 1/4 SEC.
23, T.98 N., R.24 W., WINNEBAGO CO. (95),
AT BRIDGE, 2.5 MILES NORTH OF FOREST CITY.
DRAINAGE AREA: 205.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	9.05	10-04-60	11.4	09-11-67	7.10
04-03-58	45.5	08-29-61	11.7	07-07-70	18.0
10-22-58	3.92	08-19-64	2.85	09-01-71	10.0
05-13-59	70.8	09-07-66	20.0	09-05-73	18.

5-4593.00 WINNEBAGO R NR FERTILE, IOWA
LAT 4315XX, LONG 9326XX, NEAR WEST 1/4
CORNER SEC.3, T.97 N., R.22 W., CERRO GORDO CO.
(17), AT BRIDGE, 1.5 MILES SW OF FERTILE.
DRAINAGE AREA: 303.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	15.1	10-04-60	20.9	09-11-67	17.6
04-03-58	59.0	08-29-61	23.4	07-07-70	33.0
10-23-58	8.47	08-19-64	12.6	09-01-71	21.0
05-13-59	83.7	09-08-66	37.8	09-05-73	33.

5-4594.00 BEAVER CR NR FERTILE, IOWA
LAT 4316XX, LONG 9327XX, IN SW 1/4 SEC.
28, T.98 N., R.22 W., WORTH CO. (98),
AT BRIDGE, 2 MILES NW OF FERTILE.
DRAINAGE AREA: 54.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	1.42	10-04-60	2.67	09-11-67	1.82
04-03-58	11.6	08-29-61	2.05	07-07-70	10.7
10-23-58	0.47	08-19-64	1.68	09-01-71	4.8
05-13-59	7.84	09-07-66	5.60	09-05-73	5.4

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4602.00 WILLOW CR AT MASON CITY, IOWA
LAT 430946, LONG 931420, NEAR WEST 1/4
CORNER SEC.5, T.96 N., R.20 W., CERRO GORDO CO.
(17), AT BRIDGE NEAR WEST CITY LIMITS OF
MASON CITY.
DRAINAGE AREA: 86.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	3.77	10-04-60	8.71	09-11-67	4.73
04-03-58	13.3	08-29-61	4.84	07-08-70	12.1
10-23-58	2.77	08-19-64	4.70	09-02-71	6.8
05-13-59	7.10	09-08-66	7.75	09-06-73	7.8

5-4611.00 COLD WATER CR NR GREENE, IOWA
LAT 4253XX, LONG 9251XX, IN SW 1/4 SEC.
10, T.93 N., R.17 W., BUTLER CO. (12),
AT BRIDGE, 2.5 MILES SW OF GREENE.
DRAINAGE AREA: 56.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.00	10-03-60	8.75	09-12-67	0.05
05-07-58	0.09	08-28-61	0.01	07-08-70	0.04
10-21-58	0.00	08-19-64	0.00	09-02-71	0.01
05-14-59	0.00	09-07-66	0.03	09-06-73	.04

5-4613.00 FLOOD CR NR ROCKFORD, IOWA
LAT 4303XX, LONG 9251XX, IN NW 1/4 SEC.
15, T.95 N., R.17 W., FLOYD CO. (34),
AT BRIDGE, 5 MILES EAST OF ROCKFORD.
DRAINAGE AREA: 59.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	0.00	10-05-60	11.5	09-12-67	0.00
05-07-58	0.00	08-28-61	0.00	07-08-70	1.37
10-22-58	0.00	08-19-64	0.00	09-02-71	0.00
05-14-59	0.00	09-07-66	0.00	09-06-73	0.0

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4614.00 FLOOD CR NR PACKARD, IOWA
LAT 4253XX, LONG 9242XX, IN NE 1/4 SEC.
23, T.93 N., R.16 W., BUTLER CO. (12),
AT BPIDGE, 2 MILES NE OF PACKARD.
DRAINAGE AREA: 145.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.00	10-03-60	11.5	09-12-67	0.00
05-08-58	0.00	08-28-61	0.00	07-08-70	6.12
10-21-58	0.00	08-19-64	0.00	09-02-71	0.20
05-14-59	0.00	09-07-66	5.91	09-06-73	2.8

5-4627.00 BEAVER CR NR ACKLEY, IOWA
LAT 4234XX, LONG 9302XX, IN SW 1/4 SEC.
36, T.90 N., R.19 W., FRANKLIN CO. (35),
AT BRIDGE NEAR EAST CITY LIMITS OF ACKLEY.
DRAINAGE AREA: 55.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	1.59	10-04-60	33.1	09-13-67	1.88
05-07-58	7.45	08-30-61	3.53	07-08-70	5.26
10-21-58	4.06	08-18-64	2.96	09-01-71	2.9
05-12-59	16.5	09-07-66	4.76	09-07-73	5.0

5-4628.00 S BEAVER CR NR PARKERSBURG, IOWA
LAT 4234XX, LONG 9249XX, IN SE 1/4 SEC.
35, T.90 N., R.17 W., BUTLER CO. (12),
AT CULVERT, 2 MILES SW OF PARKERSBURG.
DRAINAGE AREA: 114.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	5.14	10-04-60	43.5	09-13-67	7.44
05-08-58	16.2	08-30-61	6.57	07-08-70	6.10
10-21-58	9.53	08-18-64	5.08	09-01-71	5.6
05-12-59	26.2	09-07-66	26.4	09-07-73	17.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4631.00 BLACK HAWK CR NR GRUNDY CENTER, IOWA
LAT 4222XX, LONG 9244XX, NEAR E 1/4
CORNER SEC. 8, T. 87 N., R. 16 W., GRUNDY CO. (38),
AT BRIDGE, 2 MILES EAST OF GRUNDY
CENTER.
DRAINAGE AREA: 71.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	8.49	10-05-60	10.7	07-07-70	10.2
05-08-58	15.5	08-31-61	6.53	09-02-71	4.0
10-20-58	9.59	08-19-64	3.23	09-07-73	14.
05-14-59	28.3	09-08-66	11.7		

5-4632.00 MOSQUITO CR AT REINBECK, IOWA
LAT 4220XX, LONG 9237XX, IN SE 1/4 SEC.
20, T. 87 N., R. 15 W., GRUNDY CO. (38),
AT BRIDGE, 1 MILE WEST OF REINBECK.
DRAINAGE AREA: 24.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	2.27	10-05-60	4.72	07-07-70	6.14
05-08-58	4.68	08-31-61	3.23	09-02-71	0.92
10-20-58	2.06	08-19-64	0.40	09-07-73	2.0
05-14-59	9.66	09-08-66	1.89		

5-4633.00 BLACK HAWK CR AT REINBECK, IOWA
LAT 4220XX, LONG 9236XX, NEAR E 1/4
CORNER SEC. 21, T. 87 N., R. 15 W., GRUNDY CO. (38),
AT BRIDGE, 1 MILE NORTH OF REINBECK.
DRAINAGE AREA: 135.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	16.6	10-05-60	25.9	07-07-70	10.6
05-08-58	28.3	08-31-61	16.8	09-02-71	9.0
10-20-58	21.4	08-19-64	6.30	09-07-73	24.
05-14-59	51.8	09-08-66	22.6		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4634.00 N BLACK HAWK CR AT DIKE, IOWA
LAT 4227XX, LONG 9237XX, NEAR N 1/4
CORNER SEC.8, T.88 N., R.15 W., GRUNDY CO. (38),
AT BRIDGE NEAR SE CITY LIMITS OF DIKE.
DRAINAGE AREA: 76.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	3.81	10-05-60	12.2	07-07-70	8.62
05-08-58	9.17	08-31-61	2.22	09-02-71	2.0
10-20-58	5.19	08-18-64	2.26	09-07-73	6.2
05-14-59	18.1	09-08-66	10.6		

5-4640.50 MILLERS CR NR LAPORTE CITY, IOWA
LAT 4223XX, LONG 9215XX, IN SE 1/4 SEC.
33, T.88 N., R.12 W., BLACK HAWK CO. (07),
AT BRIDGE ON U. S. HIGHWAY 218, 6 MILES NW OF
LAPORTE CITY.
DRAINAGE AREA: 54.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	3.68	08-17-60	9.78	09-01-71	6.5
05-09-58	7.54	08-28-61	8.70	09-06-73	9.0
10-08-58	4.50	10-27-64	1.53	09-26-74	3.9
09-18-59	2.98	09-13-66	8.18		
10-21-59	4.59	07-07-70	10.3		

5-4641.00 WOLF CR NR BEAMAN, IOWA
LAT 421247, LONG 924712, IN SW 1/4 SEC.
36, T.86 N., R.17 W., GRUNDY CO. (38),
AT BRIDGE, 2 MILES SE OF BEAMAN.
DRAINAGE AREA: 63.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-20-57	6.44	08-17-60	5.59	09-01-71	3.4
05-09-58	12.8	08-28-61	4.16	09-06-73	8.3
10-08-58	13.5	10-27-64	1.77	09-26-74	7.8
09-18-59	3.17	09-12-66	3.63		
10-21-59	3.53	07-07-70	8.75		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4641.50 TWELVE MILE CR NR BUCKINGHAM, IOWA
LAT 4214XX, LONG 9226XX, IN SW 1/4 SEC.
24, T.86 N., R.14 W., TAMA CO. (86),
AT BRIDGE, 1.5 MILES SOUTH OF BUCKINGHAM.
DRAINAGE AREA: 76.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	5.92	08-17-60	8.41	09-01-71	3.8
05-09-58	12.0	08-25-61	8.21	09-06-73	8.8
10-08-58	10.8	10-27-64	2.41	09-26-74	9.2
09-18-59	2.33	09-13-66	9.67		
10-21-59	4.44	07-07-70	12.5		

5-4642.00 WOLF CR NR BUCKINGHAM, IOWA
LAT 421533, LONG 922142, IN NE 1/4 SEC.
21, T.86 N., R.13 W., TAMA CO. (86),
AT BRIDGE, 4.5 MILES SE OF BUCKINGHAM.
DRAINAGE AREA: 287.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	38.1	08-17-60	39.4	09-01-71	19.0
05-09-58	54.0	08-28-61	28.8	09-06-73	43.
10-08-58	68.6	10-27-64	13.5	09-26-74	42.
09-18-59	12.6	09-13-68	31.9		
10-21-59	18.8	07-07-70	49.6		

5-4642.50 WOLF CR AT LAPORTE CITY, IOWA
LAT 4219XX, LONG 9212XX, IN SW 1/4 SEC.
25, T.87 N., R.12 W., BLACK HAWK CO. (07),
AT BRIDGE ON U. S. HIGHWAY 218 IN LAPORTE CITY.
DRAINAGE AREA: 327. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	33.2	08-17-60	62.0	07-07-70	68.4
10-20-58	65.8	08-28-61	44.7	09-01-71	31.0
09-18-59	18.4	10-27-64	17.1	09-06-73	60.
10-21-59	27.2	09-13-66	46.7	09-26-74	54.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4643.00 SPRING CR NR LAPORTE CITY, IOWA
LAT 4220XX, LONG 9206XX, IN NW 1/4 SEC.
23, T.87 N., R.11 W., BLACK HAWK CO. (07),
AT BRIDGE, 5 MILES NE OF LAPORTE CITY.
DRAINAGE AREA: 57.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	7.05	08-17-60	15.4	07-07-70	17.9
10-08-58	3.68	08-28-61	9.12	09-01-71	8.3
09-18-59	5.15	10-27-64	3.33	09-06-73	9.6
10-21-59	9.88	09-13-66	15.6	0-92-674	9.8

5-4643.20 E BLUE CR NR CENTER POINT, IOWA
LAT 421141, LONG 914828, IN NW 1/4 SEC.
8, T.85 N., R.8 W., LINN CO. (57),
AT BRIDGE, 1 MILE WEST OF CENTER POINT.
DRAINAGE AREA: 27.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	1.51	08-16-60	3.73	07-07-70	10.3
04-29-58	1.84	08-29-61	3.49	09-02-71	2.1
10-20-58	1.30	10-27-64	1.49	09-06-73	3.5
10-20-59	5.00	09-13-66	3.17	09-26-74	3.2

5-4643.50 BEAF CR AT SHELLSBURG, IOWA
LAT 420539, LONG 915334, IN NW 1/4 SEC.
15, T.84 N., R.9 W., BENTON CO. (06),
AT BRIDGE, 1 MILE WEST OF SHELLSBURG.
DRAINAGE AREA: 55.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	6.30	08-16-60	7.41	07-07-70	16.1
04-29-58	7.78	08-29-61	5.48	09-02-71	1.8
10-21-58	4.04	10-27-64	1.44	09-06-73	4.0
10-21-59	17.2	09-13-66	2.84	09-26-74	6.9

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4644.00 BEAR CR NR PALO, IOWA
LAT 420455, LONG 914740, IN SE 1/4 SEC.
17, T.84 N., R.8 W., LINN CO. (57),
AT BRIDGE, 1 MILE NORTH OF PALO.
DRAINAGE AREA: 95.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	12.0	08-16-60	14.3	09-02-71	5.0
04-29-58	12.0	08-29-61	12.2	09-06-73	9.0
10-21-58	7.75	10-27-64	2.50	09-26-74	14.
09-17-59	5.09	09-13-66	7.43		
10-20-59	28.6	07-07-70	27.9		

5-4644.60 OTTER CR NR CFDAR RAPIDS, IOWA
LAT 420357, LONG 914427, IN SE 1/4 SEC.
24, T.84 N., R.8 W., LINN CO. (57),
AT BRIDGE, 7 MILES NW OF CFDAR RAPIDS.
DRAINAGE AREA: 65.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	4.11	08-16-60	11.1	09-02-71	6.8
04-29-58	6.11	08-29-61	6.06	09-06-73	9.3
10-21-58	2.85	10-27-64	3.21	09-26-74	8.2
09-17-59	4.89	09-13-66	5.71		
10-20-59	14.4	07-07-70	20.5		

5-4645.50 PRAIRIE CR NR BLAIRSTOWN, IOWA
LAT 415606, LONG 920751, NEAR NORTH 1/4
CORNER SEC.9, T.82 N., R.11 W., BENTON CO. (06),
AT BRIDGE, 3 MILES NW OF BLAIRSTOWN.
DRAINAGE AREA: 64.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	4.73	08-29-61	3.22	09-02-71	1.9
10-21-58	11.8	10-28-64	2.06	09-06-73	3.4
10-21-59	11.4	10-06-66	1.43	09-26-74	8.2
08-16-60	6.83	07-07-70	12.6		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4646.00 PRAIRIE CR AT NORWAY, IOWA
LAT 415335, LONG 915543, NEAR SW CORNER
SEC. 19, T.82 N., R.9 W., BENTON CO. (06),
AT BRIDGE, 1 MILE SW OF NORWAY.
DRAINAGE AREA: 126.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	12.0	08-29-61	7.66	09-02-71	5.9
10-22-58	27.0	10-28-64	4.50	09-06-73	8.1
10-21-59	28.5	09-12-66	6.94	09-26-74	25.
08-16-60	17.8	10-06-66	4.90		

5-4646.50 PRAIRIE CR AT CEDAR RAPIDS, IOWA
LAT 415549, LONG 914034, IN NW 1/4 SEC.
9, T.82 N., R.7 W., LINN CO. (57),
AT BRIDGE, 3 MILES SOUTH OF CEDAR RAPIDS.
DRAINAGE AREA: 208. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	20.7	08-16-60	40.1	07-07-70	65.2
04-29-58	24.6	08-29-61	24.8	09-02-71	16.0
10-21-58	45.1	10-28-64	10.5	09-07-73	23.
10-20-59	65.0	10-06-66	13.9	09-27-74	47.

5-4647.00 INDIAN CR AT CEDAR RAPIDS, IOWA
LAT 415942, LONG 913703, IN SW 1/4 SEC.
13, T.83 N., R.7 W., LINN CO. (57),
AT BRIDGE, NEAR NE CITY LIMITS OF CEDAR RAPIDS.
DRAINAGE AREA: 72.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	3.47	08-16-60	10.4	07-07-70	16.4
04-29-58	4.50	08-30-61	7.12	09-02-71	6.9
10-21-58	2.91	10-28-64	3.00	09-07-73	8.2
10-20-59	20.2	10-06-66	4.00	09-27-74	8.3

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4647.50 BIG CR AT BERTRAM, IOWA
LAT 415723, LONG 913135, NEAR EAST 1/4
CORNER SEC.34, T.83 N., R.6 W., LINN CO. (57),
AT BRIDGE NEAR EAST CITY LIMITS OF
BERTRAM.
DRAINAGE AREA: 81.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	6.18	08-15-60	22.0	07-07-70	27.5
04-29-58	10.9	08-30-61	19.0	09-02-71	18.0
10-21-58	7.57	10-28-64	8.60	09-07-73	26.
10-20-59	22.6	10-06-66	14.6	09-27-74	35.

5-4648.00 ROCK CR AT ROCHESTER, IOWA
LAT 414040, LONG 910952, IN NW 1/4 SEC.
2, T.79 N., R.3 W., CEDAR CO. (16),
AT BRIDGE, 0.5 MILE NW OF ROCHESTER.
DRAINAGE AREA: 63.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	5.16	08-15-60	15.7	07-07-70	26.2
05-01-58	9.95	08-30-61	13.2	09-01-71	6.3
11-03-58	3.10	10-29-64	2.77	09-07-73	9.1
10-22-59	14.0	09-12-66	4.87	09-26-74	10.

5-4648.50 SUGAR CR NR BENNETT, IOWA
LAT 414156, LONG 910243, NEAR S 1/4
CORNER OF SEC.26, T.80 N., R.2 W., CEDAR CO. (16),
AT BRIDGE, 4.5 MILES SW OF BENNETT.
DRAINAGE AREA: 80.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	5.88	08-15-60	28.0	07-07-70	52.4
05-01-58	12.5	08-30-61	16.9	09-01-71	4.1
11-03-58	2.89	10-29-64	2.15	09-07-73	6.4
10-22-59	22.6	09-12-66	3.29	09-26-74	7.1

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4649.00 MUD CR NR WILTON JUNCTION, IOWA
LAT 413445, LONG 910217, IN NW 1/4 SEC.
12, T.78 N., R.2 W., MUSCATINE CO. (70),
AT BRIDGE, 1 MILE SW OF WILTON JUNCTION.
DRAINAGE AREA: 102. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	2.48	08-15-60	11.2	07-07-70	36.7
05-01-58	8.09	08-30-61	9.14	09-01-71	5.3
11-03-58	4.58	10-29-64	3.13	09-07-73	10.
10-22-59	25.9	09-12-66	6.10	09-26-74	13.

5-4649.20 SUGAR CR NR MOSCOW, IOWA
LAT 413400, LONG 910409, NEAR N 1/4
CORNER OF SEC.15, T.78 N., R.2 W., MUSCATINE CO.
(70), AT BRIDGE, 1 MILE SE OF MOSCOW.
DRAINAGE AREA: 218. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	9.71	08-15-60	42.0	07-07-70	104.
05-01-58	26.0	08-30-61	32.8	09-01-71	15.0
11-03-58	8.09	10-29-64	7.36	09-07-73	24.
10-22-59	51.3	09-12-66	14.5	09-26-74	28.

5-4649.40 EB WAPSINONOC CR AT WEST LIBERTY, IOWA
LAT 413326, LONG 911519, IN SE 1/4 SEC.
13, T.78 N., R.4 W., MUSCATINE CO. (70),
AT BRIDGE ON STATE HIGHWAY 76, 1/2 MILE SE OF
WEST LIBERTY.
DRAINAGE AREA: 51.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.94	08-15-60	7.50	09-01-71	2.7
05-01-58	3.37	08-30-61	7.13	09-07-73	.39
11-03-58	2.03	09-12-66	2.48	09-26-74	4.7
10-22-59	4.52	07-07-70	26.7		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4649.50 WB WAPSINONOC CR AT WEST LIBERTY, IOWA
LAT 413348, LONG 911613, NEAR E 1/4
CORNER OF SEC.14, T.78 N., R.4 W., MUSCATINE CO.
(70), AT BRIDGE, 1 MILE SOUTH OF WEST LIBERTY.
DRAINAGE AREA: 52.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.00	08-15-60	6.38	09-01-71	0.99
05-01-58	0.00	08-30-61	7.21	09-07-73	1.4
11-03-58	2.28	10-29-64	0.1	09-26-74	7.7
10-22-59	7.04	09-12-66	0.27		
10-22-59	7.21	07-07-70	24.5		

5-4652.00 LONG CR NR AINSWORTH, IOWA
LAT 4116XX, LONG 9130XX, IN SE 1/4 SEC.
26, T.75 N., R.6 W., WASHINGTON CO. (92),
AT BRIDGE, 2.5 MILES SE OF AINSWORTH.
DRAINAGE AREA: 68.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.00	08-31-61	0.12	09-13-66	0.00
04-28-58	1.76	11-04-63	0.22	10-31-66	1.31
10-02-58	1.12	10-29-64	0.18	07-10-70	8.97
10-22-59	15.9	05-10-66	24.1	09-06-73	.26
09-06-60	0.02	07-26-66	2.18	09-27-74	0.0

5-4653.00 LONG CR NR WAPELLO, IOWA
LAT 4112XX, LONG 9117XX, NEAR SOUTH 1/4
CORNER SEC.23, T.74 N., R.4 W., LOUISA CO. (58),
AT BRIDGE, 5 MILES NW OF WAPELLO.
DRAINAGE AREA: 146. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.03	11-04-63	0.37	04-17-67	91.4
04-28-58	5.95	10-29-64	0.20	06-12-67	247.0
10-02-58	3.53	06-03-66	87.6	09-11-67	0.16
10-22-59	39.7	07-26-66	6.77	07-10-70	15.8
09-06-60	1.26	09-12-66	1.30	09-06-73	9.8
08-31-61	0.58	10-31-66	0.98	09-27-74	8.0

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

IOWA RIVER BASIN - CONTINUED

5-4656.00 OTTER CR NR WAPELLO, IOWA
LAT 410720, LONG 910900, NEAR CENTER OF
SEC.13, T.73 N., R.3 W., LOUISA CO. (58),
AT BRIDGE, 4 MILES SE OF WAPELLO.
DRAINAGE AREA: 64.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.69	08-31-61	5.53	09-12-66	5.30
04-28-58	9.81	11-04-63	3.72	10-31-66	5.70
10-02-58	9.04	10-29-64	3.48	07-10-70	8.60
10-22-59	17.6	06-03-66	32.0	09-06-73	36.
09-06-60	7.39	07-26-66	7.89	09-27-73	10.

FLINT CREEK BASIN

5-4697.00 FLINT CR NR BURLINGTON, IOWA
LAT 405200, LONG 911203, IN NE 1/4 SEC.
16, T.70 N., R.3 W., DES MOINES CO. (29),
AT BRIDGE, 6 MILES NW OF BURLINGTON.
DRAINAGE AREA: 107. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.00	10-15-64	0.28	06-20-68	13.2
03-25-58	12.0	06-06-66	44.5	07-14-70	4.32
10-28-58	1.06	08-18-66	0.00	08-26-71	1.9
09-07-60	1.07	11-02-66	0.85	09-20-74	3.1
09-06-61	1.02	04-17-67	126.		
11-04-63	0.78	09-11-67	1.05		

SKUNK RIVER BASIN

5-4698.00 S SKUNK R NR ELLSWORTH, IOWA
LAT 4219XX, LONG 9335XX, NEAR N 1/4
CORNER OF SEC.36, T.87 N., R.24 W., HAMILTON CO.
(40), AT BRIDGE ON STATE HIGHWAY 175, NEAR
WEST CITY LIMITS OF ELLSWORTH.
DRAINAGE AREA: 54.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.81	09-07-60	1.01	07-13-70	1.28
04-22-58	15.0	09-05-61	3.50	08-24-71	0.19
10-21-58	0.37	10-12-64	1.15	09-20-74	2.7
07-28-59	3.13	09-08-66	1.30		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

SKUNK RIVER BASIN - CONTINUED

5-4698.50 MUD LAKE DRAINAGE DITCH 71 AT JEWELL, IOWA
LAT 4219XX, LONG 9338XX, IN NW 1/4 SEC.
28, T.87 N., R.24 W., HAMILTON CO. (40),
AT BRIDGE, 1 MILE NORTH OF JEWELL.
DRAINAGE AREA: 64.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.77	09-07-60	2.14	07-13-70	2.47
04-22-58	16.8	09-05-61	3.20	08-24-71	0.78
10-21-58	0.33	10-12-64	0.46	09-20-74	3.9
07-28-59	5.06	09-08-66	0.35		

5-4699.50 S SKUNK R AT RANDALL, IOWA
LAT 4214XX, LONG 9335XX, IN NE 1/4 SEC.
25, T.86 N., R.24 W., HAMILTON CO. (40),
AT BRIDGE, 1 MILE EAST OF RANDALL.
DRAINAGE AREA: 160. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	2.90	09-07-60	5.71	07-13-70	6.69
04-22-58	45.4	09-05-61	8.79	08-24-71	0.72
10-21-58	3.08	10-12-64	0.82	09-20-74	11.
07-28-59	9.76	09-08-66	1.23		

5-4702.00 SQUAW CR NR STANHOPE, IOWA
LAT 421234, LONG 934707, NEAR N 1/4
CORNER OF SEC.5, T.85 N., R.25 W., BOONE CO. (08),
AT BRIDGE, 5 MILFS SOUTH OF STANHOPE.
DRAINAGE AREA: 62.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	5.79	09-07-60	1.02	07-14-70	3.38
04-22-58	21.7	09-06-61	3.09	08-24-71	0.03
10-21-58	1.10	10-12-64	0.55	09-20-74	.75
07-28-59	5.40	09-08-66	0.04		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

SKUNK RIVER BASIN - CONTINUED

5-4710.50 S SKUNK R AT COLFAX, IOWA
LAT 414055, LONG 931447, IN NW 1/4 SEC.
1, T.79 N., R.21 W., JASPER CO. (50),
AT BRIDGE ON STATE HIGHWAY 117, AT NORTH CITY
LIMITS OF COLFAX.
DRAINAGE AREA: 803. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	46.4	09-07-60	115.	09-07-66	32.3
04-21-58	195.	09-07-61	80.2	07-13-70	95.5
10-20-58	55.1	10-13-64	33.2	08-23-71	33.0
07-28-59	115.	07-29-66	125.	09-19-74	98.

5-4711.00 EB INDIAN CR NR NEVADA, IOWA
LAT 4102XX, LONG 9322XX, NEAR N 1/4
CORNER OF SEC.2, T.83 N., R.22 W., STORY CO. (85),
AT BRIDGE, 4 MILES NE OF NEVADA.
DRAINAGE AREA: 65.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	1.82	07-28-59	2.39	09-07-66	0.00
09-26-57	1.53	09-07-60	5.64	07-13-70	1.29
04-22-58	15.1	09-06-61	1.78	08-23-71	0.05
10-20-58	3.84	10-13-64	0.38	09-19-74	4.0

5-4711.50 WB INDIAN CR NR IOWA CENTER, IOWA
LAT 4156XX, LONG 9326XX, IN NW 1/4 SEC.
8, T.82 N., R.22 W., STORY CO. (85),
AT BRIDGE, 2 MILES NW OF IOWA CENTER.
DRAINAGE AREA: 65.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.16	07-28-59	3.38	09-07-66	0.09
09-26-57	0.11	09-07-60	7.56	07-13-70	2.75
04-22-58	7.96	09-06-61	2.41	08-23-71	0.82
10-20-58	5.07	10-13-64	2.11	09-19-74	2.3

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

SKUNK RIVER BASIN - CONTINUED

5-4711.80 INDIAN CR NR IOWA CENTER, IOWA
LAT 4155XX, LONG 9325XX, NEAR CENTER OF
SEC. 16, T. 82 N., R. 22 W., STORY CO. (85),
AT BRIDGE, 1 MILE SW OF IOWA CENTER.
DRAINAGE AREA: 203. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	3.01	07-28-59	7.33	09-07-66	0.14
09-26-57	2.63	09-07-60	16.9	07-13-70	6.30
04-22-58	30.1	09-06-61	7.43	08-23-71	0.63
10-20-58	13.3	10-12-64	1.90	09-19-74	9.2

5-4713.50 CLEAR CR NR MINGO, IOWA
LAT 4147XX, LONG 9316XX, IN SW 1/4 SEC.
35, T. 81 N., R. 21 W., JASPER CO. (50),
AT BRIDGE, 1 MILE NE OF MINGO.
DRAINAGE AREA: 84.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	0.33	09-07-60	3.16	07-13-70	3.80
04-21-58	9.98	09-07-61	4.72	08-23-71	1.5
10-20-58	2.25	10-12-64	5.51	09-19-74	6.4
07-28-59	6.82	09-07-66	1.81		

5-4714.00 ELK CR NR TAINTOR, IOWA
LAT 4129XX, LONG 9251XX, IN NE 1/4 SEC.
7, T. 77 N., R. 17 W., MAHASKA CO. (62),
AT BRIDGE, 6 MILES SW OF TAINTOR.
DRAINAGE AREA: 59.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	1.40	09-06-61	3.09	06-10-68	1.43
03-28-58	4.43	10-13-64	1.90	07-13-70	2.39
10-22-58	2.87	05-09-66	13.6	08-23-71	0.92
10-21-59	7.95	07-25-66	12.4	09-19-74	4.1
09-08-60	4.78	11-01-66	0.46		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

SKUNK RIVER BASIN - CONTINUED

5-4721.00 N SKUNK R NR NEWTON, IOWA
LAT 4147XX, LONG 9302XX, IN NW 1/4 SEC.
35, T.81 N., R.19 W., JASPER CO. (50),
AT BRIDGE, 6 MILES NORTH OF NEWTON.
DRAINAGE AREA: 101. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	1.54	09-07-60	4.95	06-10-68	0.27
03-28-58	11.8	09-06-61	15.1	07-13-70	10.4
10-20-58	3.60	10-13-64	8.65	08-23-71	1.5
07-28-59	18.9	10-05-66	1.27	09-19-74	12.

5-4723.00 N SKUNK R NR SEARSBORO, IOWA
LAT 4132XX, LONG 9242XX, NEAR CENTER OF
SEC.27, T.78 N., R.16 W., POWESHIEK CO. (79),
AT BRIDGE, 3.5 MILES SOUTH OF SEARSBORO.
DRAINAGE AREA: 358. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	12.4	09-08-60	20.8	06-10-68	9.63
03-28-58	41.5	09-06-61	47.0	07-13-70	31.2
10-22-58	23.3	10-13-64	21.2	08-23-71	13.0
10-21-59	31.6	10-05-66	5.76	09-19-74	40.

5-4724.00 MIDDLE CR NR ROSE HILL, IOWA
LAT 412042, LONG 922825, IN NE 1/4 SEC.
33, T.76 N., R.14 W., MAHASKA CO. (62),
AT BRIDGE, 2 MILES NW OF ROSE HILL.
DRAINAGE AREA: 58.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	1.52	09-09-60	1.12	11-03-66	0.00
03-27-58	3.07	09-06-61	2.06	06-10-68	0.81
10-22-58	0.14	10-13-64	0.05	07-13-70	3.78
08-25-59	0.76	05-09-66	20.9	08-23-71	0.15
10-21-59	4.73	07-25-66	11.2	09-19-74	4.2

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

SKUNK RIVER BASIN - CONTINUED

5-4724.50 CEDAR CR NR SIGOURNEY, IOWA
LAT 411842, LONG 921333, IN SE 1/4 SEC.
10, T.75 N., R.12 W., KEOKUK CO. (54),
AT BRIDGE, 2 MILES SW OF SIGOURNEY.
DRAINAGE AREA: 92.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	1.47	09-06-61	2.25	10-24-66	1.27
03-27-58	5.57	10-13-64	0.48	06-10-68	3.91
10-22-58	2.41	05-09-66	26.3	07-13-70	4.28
08-25-59	4.05	07-25-66	6.48	08-23-71	1.2
09-09-60	2.17	08-17-66	2.82	09-19-74	4.2

5-4730.00 SKUNK R AT COPPOCK, IOWA
LAT 4110XX, LONG 9143XX, IN NE 1/4 SEC.
1, T.73 N., R.8 W., JEFFERSON CO. (51),
AT BRIDGE ON STATE HIGHWAY 78, 0.5 MILE WEST OF
COPPOCK.
DRAINAGE AREA: 2916. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	181.	09-05-61	354.	11-01-66	87.1
03-31-58	395.	11-04-63	123.	06-20-68	482.
10-27-58	192.	10-13-64	119.	07-13-70	390.
10-20-59	389.	06-03-66	2620.	08-24-71	156.0
09-12-60	320.	08-16-66	350.	09-20-74	354.

5-4730.20 FF CROOKED CR NR WINFIELD, IOWA
LAT 4109XX, LONG 9126XX, IN NE 1/4 SEC.
9, T.73 N., R.5 W., HENRY CO. (44),
AT BRIDGE, 2 MILES NORTH OF WINFIELD.
DRAINAGE AREA: 65.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.10	11-04-63	0.05	06-20-68	5.56
03-25-58	9.54	10-13-64	0.05	07-13-70	2.67
10-27-58	3.52	07-26-66	1.54	08-24-71	0.96
09-06-60	0.80	08-16-66	0.60	09-19-74	.56
09-05-61	0.50	10-31-66	0.46		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

SKUNK RIVER BASIN - CONTINUED

5-4730.50 CROOKED CR NR COPPOCK, IOWA
LAT 4112XX, LONG 9142XX, IN NE 1/4 SEC.
30, T.74 N., R.7 W., WASHINGTON CO. (92),
AT BRIDGE, 2 MILES NE OF COPPOCK.
DRAINAGE AREA: 259. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	2.30	09-05-61	3.26	11-01-66	0.00
03-25-58	24.5	11-04-63	0.80	09-11-67	1.46
10-27-58	11.2	10-13-64	0.27	06-20-68	41.3
10-20-59	76.5	05-10-66	40.8	07-13-70	21.1
09-06-60	2.36	08-16-66	6.58	08-24-71	3.7

5-4731.00 WALNUT CR AT GERMANVILLE, IOWA
LAT 4106XX, LONG 9146XX, IN SW 1/4 SEC.
27, T.73 N., R.8 W., JEFFERSON CO. (51),
AT BRIDGE, 1 MILE WEST OF GERMANVILLE.
DRAINAGE AREA: 66.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	0.00	09-05-61	1.41	10-31-66	0.52
03-25-58	3.81	11-04-63	0.43	06-20-68	1.15
10-27-58	1.35	10-13-64	0.37	07-13-70	0.93
10-20-59	10.0	05-10-66	10.1	08-24-71	0.12
09-06-60	0.96	08-16-66	0.86	09-20-74	2.0

5-4732.00 CEDAR CR NR HIGHLAND CENTER, IOWA
LAT 410630, LONG 922158, IN SW 1/4 SEC.
21, T.73 N., R.13 W., WAPELLO CO. (90),
AT BRIDGE, 1 MILE SW OF HIGHLAND CENTER.
DRAINAGE AREA: 73.6 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	0.50	09-07-61	0.36	11-01-66	0.16
03-27-58	4.18	11-04-63	0.40	06-20-68	2.33
10-22-58	7.44	10-14-64	0.12	07-13-70	1.14
08-25-59	0.63	05-09-66	16.5	08-25-71	0.28
09-08-60	0.30	08-17-66	0.36	09-19-74	4.2

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

SKUNK RIVER BASIN - CONTINUED

5-4732.50 COMPETINE CR BELOW FORKS NR BATAVIA, IOWA
LAT 4102XX, LONG 9207XX, IN NE 1/4 SEC.
21, T.72 N., R.11 W., JEFFERSON CO. (51),
AT BRIDGE, 3 MILES NE OF BATAVIA.
DRAINAGE AREA: 68.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	0.00	11-05-63	0.00	06-20-68	1.57
03-27-58	4.25	10-14-64	0.00	07-13-70	0.09
10-29-58	0.88	05-10-66	9.13	08-25-71	0.01
09-08-60	0.00	08-17-66	0.00	09-20-74	.35
09-07-61	0.62	11-01-66	0.00		

5-4733.00 CEDAR CP NR BATAVIA, IOWA
LAT 4101XX, LONG 9207XX, IN NW 1/4 SEC.
27, T.72 N., R.11 W., JEFFERSON CO. (51),
AT BRIDGE ON U.S. HIGHWAY 30, 2.5 MILES NE OF
BATAVIA.
DRAINAGE AREA: 252. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	0.46	09-07-61	2.16	06-20-68	4.23
03-27-58	11.8	11-05-63	0.81	07-13-70	2.75
10-22-58	9.27	10-14-64	0.08	08-25-71	0.92
10-29-58	5.23	05-10-66	35.7	09-20-74	9.1
10-23-59	50.5	08-17-66	0.54		
09-08-60	0.76	11-01-66	0.28		

5-4733.50 L CEDAR CR NR SALEM, IOWA
LAT 4051XX, LONG 9141XX, IN SW 1/4 SEC.
17, T.70 N., R.7 W., HENRY CO. (44),
AT BRIDGE, 4 MILES WEST OF SALEM.
DRAINAGE AREA: 55.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.00	09-05-61	0.02	10-31-66	0.23
03-26-58	3.50	11-04-63	0.00	06-20-68	0.67
10-27-58	0.36	10-14-64	0.02	07-13-70	0.00
10-23-59	4.53	06-06-66	10.9	08-25-71	0.00
09-07-60	0.41	08-17-66	0.13	09-19-74	.04

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

SKUNK RIVER BASIN - CONTINUED

5-4734.00 CEDAR CR NR OAKLAND MILLS, IOWA
LAT 4055XX, LONG 9140XX, IN NW 1/4 SEC.
28, T.71 N., R.7 W., HENRY CO. (44),
AT BRIDGE, 3 MILES WEST OF OAKLAND MILLS.
DRAINAGE AREA: 522. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.45	11-04-63	3.21	09-11-67	4.37
03-25-58	36.7	10-14-64	0.94	06-20-68	14.4
10-27-58	14.0	06-06-66	120.	07-13-70	20.2
10-23-59	43.7	08-17-66	8.05	08-25-71	8.9
09-07-60	8.46	10-31-66	3.72	09-19-74	23.
09-05-61	20.9	04-17-67	4.36		

5-4734.50 BIG CR AT MT. PLEASANT, IOWA
LAT 4100XX, LONG 9132XX, IN NW 1/4 SEC.
34, T.72 N., R.6 W., HENRY CO. (44),
AT BRIDGE, 3 MILES NE OF MT. PLEASANT.
DRAINAGE AREA: 58.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.00	09-06-61	0.23	10-31-66	0.00
03-25-58	3.67	11-04-63	0.00	06-20-68	0.04
10-27-58	0.52	10-14-64	0.00	07-13-70	0.00
10-20-59	17.2	06-06-66	19.8	08-24-71	0.03
09-07-60	0.06	08-17-66	0.00	09-19-74	0.

DEVILS CREEK BASIN

5-4741.90 DEVILS CR NR VIELE, IOWA
LAT 403703, LONG 912534, IN SW 1/4 SEC.
10, T.67 N., R.5 W., LEE CO. (56),
AT BRIDGE, 1 MILE NE OF VIELE.
DRAINAGE AREA: 20.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.00	11-05-63	0.00	06-13-68	0.00
03-25-58	1.02	10-15-64	0.00	07-14-70	0.00
10-28-58	0.00	06-07-66	.36	08-25-71	0.00
09-07-60	0.00	08-22-66	0.00	09-20-74	0.0
09-06-61	0.00	11-02-66	0.00		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DEVILS CREEK BASIN - CONTINUED

5-4742.00 SUGAR CR NR FRANKLIN, IOWA
LAT 403954, LONG 912839, IN NE 1/4 SEC.
30, T.68 N., R.5 W., LEE CO. (56),
AT BRIDGE, 2 MILES EAST OF FRANKLIN.
DRAINAGE AREA: 75.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.00	11-05-63	0.00	06-13-68	1.16
03-25-58	7.32	10-15-64	0.02	07-14-70	0.66
10-28-58	1.33	06-07-66	10.4	08-25-71	0.01
09-07-60	0.85	08-22-66	0.00	09-20-74	1.2
09-06-61	0.17	11-02-66	0.11		

5-4743.00 SUGAR CR NR VIELE, IOWA
LAT 403639, LONG 912624, IN SE 1/4 SEC.
9, T.67 N., R.5 W., LEE CO. (56),
AT BRIDGE, 0.5 MILE WEST OF VIELE.
DRAINAGE AREA: 109.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.00	11-05-63	0.08	06-13-68	2.02
03-25-58	12.6	10-15-64	0.15	07-14-70	1.27
10-28-58	1.76	06-07-66	13.6	08-25-71	0.21
09-07-60	2.10	08-22-66	1.78	09-20-74	0.
09-06-61	0.58	11-02-66	0.65		

DES MOINES RIVER BASIN

5-4765.50 JACK CR NR RINGSTED, IOWA
LAT 4316XX, LONG 9438XX, NEAR S 1/4
CORNER OF SEC.28, T.98 N., R.32 W., EMMET CO. (32),
AT BRIDGE, 6 MILES SW OF RINGSTED.
DRAINAGE AREA: 74.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.	08-15-60	0.38	08-25-70	0.04
05-13-58	4.49	09-28-61	0.03	08-24-71	0.15
10-06-58	0.	10-29-64	33.0	10-14-71	0.01
10-20-58	0.	08-30-66	1.35	09-26-74	0.08
08-18-59	0.10	09-22-69	7.72		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DFS MOINES RIVER BASIN - CONTINUED

5-4766.00 SILVER CR NR EMMETTSBURG, IOWA
LAT 4306XX, LONG 9443XX, NEAR N 1/4
CORNER SEC.34, T.96 N., R.33 W., PALO ALTO CO.
(74), AT BRIDGE, 3 MILES SW OF EMMETTSBURG.
DRAINAGE AREA: 61.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.57	08-15-60	1.06	08-25-70	0.74
05-13-58	5.22	09-28-61	1.76	08-25-71	3.6
10-07-58	0.82	10-29-64	13.0	10-14-71	1.0
10-20-58	0.43	08-30-66	0.48	09-26-74	.99
08-18-59	0.95	09-23-69	16.8		

5-4766.50 CYLINDER CR NR RODMAN, IOWA
LAT 4302XX, LONG 9434XX, NEAR S 1/4
CORNER SEC.13, T.95 N., R.32 W., PALO ALTO CO.
(74), AT BRIDGE, 2.5 MILES NW OF RODMAN.
DRAINAGE AREA: 88.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	1.19	08-15-60	2.55	08-25-70	1.94
05-23-58	4.08	09-28-61	3.74	08-24-71	2.8
10-08-58	1.07	10-29-64	37.9	10-14-71	1.9
10-20-58	1.04	08-31-66	2.51	09-26-74	2.8
08-18-59	2.85	09-23-69	11.2		

5-4767.00 PRAIRIE CR NR WEST BEND, IOWA
LAT 4255XX, LONG 9427XX, NEAR N 1/4
CORNER SEC.36, T.94 N., R.31 W., PALO ALTO CO.
(74), BRIDGE, 2.5 MILES SW OF WEST BEND.
DRAINAGE AREA: 61.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.15	08-15-60	0.07	08-25-70	0.
05-13-58	1.17	09-28-61	0.79	08-24-71	0.18
10-08-58	0.	10-29-64	14.2	10-14-71	0.09
10-20-58	0.	08-31-66	0.18	09-26-74	0.
08-18-59	0.21	09-23-69	3.33		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4767.20 BEAVER CR NR ROLFE, IOWA
LAT 4250XX, LONG 9428XX, NFAP CENTER OF
SEC.35, T.93 N., R.31 W., POCAHONTAS CO. (76),
AT BRIDGE, 3 MILES NE OF ROLFE.
DRAINAGE AREA: 62.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
08-18-59	2.06	08-31-66	1.23	10-15-71	0.33
08-15-60	2.12	09-23-69	8.98	09-24-74	.10
09-28-61	2.01	08-28-70	0.		
10-29-64	11.4	08-24-71	2.4		

5-4767.40 PILOT CR NR ROLFE, IOWA
LAT 4249XX, LONG 9427XX, IN SE 1/4 SEC.
1, T.92 N., R.31 W., POCAHONTAS CO. (76),
AT BRIDGE, 4 MILES EAST OF ROLFE.
DRAINAGE AREA: 97.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
08-18-59	3.64	08-21-66	1.77	10-15-71	1.6
08-15-60	4.44	09-23-69	10.3	09-24-74	2.
09-28-61	2.44	08-27-70	1.29		
10-29-64	9.32	08-24-71	4.9		

5-4776.00 EF DES MOINES R NR DOLLIVER, IOWA
LAT 4328XX, LONG 9435XX, IN SW 1/4 SEC.
13, T.100 N., R.32 W., EMMET CO. (32),
AT BRIDGE, 2 MILES NE OF DOLLIVER.
DRAINAGE AREA: 196.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.65	08-15-60	2.53	08-25-70	0.01
05-13-58	10.3	09-28-61	0.51	08-24-71	0.00
10-06-58	0.	10-27-64	27.7	10-13-71	0.0
10-20-58	0.	08-30-66	0.	09-25-74	0.
08-17-59	0.	09-22-69	0.10		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4777.00 EF DES MOINES R NR SWEA CITY, IOWA
LAT 4319XX, LONG 9425XX, NEAR CENTER OF
SEC. 8, T. 98 N., R. 30 W., KOSSUTH CO. (55),
AT BRIDGE, 7 MILES SW OF SWEA CITY.
DRAINAGE AREA: 314.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.	08-16-60	3.54	08-25-70	0.
05-13-58	21.4	09-28-61	0.72	08-24-71	0.00
10-06-58	0.	10-27-64	46.5	10-13-71	0.0
10-20-58	0.	08-30-66	0.27	09-25-74	.58
08-17-59	0.	09-22-69	3.03		

5-4778.00 MUD CR AT BANCROFT, IOWA
LAT 4318XX, LONG 9412XX, NEAR CENTER OF
SEC. 19, T. 98 N., R. 28 W., KOSSUTH CO. (55),
AT BRIDGE, 1 MILE EAST OF BANCROFT.
DRAINAGE AREA: 68.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.26	08-16-60	0.66	08-25-70	0.46
05-13-58	6.67	09-28-61	5.28	08-23-71	0.66
10-06-58	0.24	10-27-64	27.6	10-13-71	0.15
10-20-58	0.23	08-30-66	2.77	09-25-74	.42
08-17-59	0.51	09-22-69	1.82		

5-4780.50 BUFFALO CR NR TITONKA, IOWA
LAT 4314XX, LONG 9359XX, IN NW 1/4 SEC.
12, T. 97 N., R. 27 W., KOSSUTH CO. (55),
AT BRIDGE, 3 MILES EAST OF TITONKA.
DRAINAGE AREA: 47.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.	08-16-60	0.	08-26-70	0.
05-13-58	2.40	09-28-61	3.59	08-23-71	0.00
10-06-58	0.	10-29-64	7.43	10-13-71	0.0
10-20-58	0.	08-30-66	1.08	09-25-74	.04
08-17-59	0.09	09-22-69	0.17		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4781.00 N BUFFALO CR NR BUFFALO CENTER, IOWA
LAT 4319XX, LONG 9358XX, IN NW 1/4 SEC.
18, T.98 N., R.26 W., WINNEBAGO CO. (95),
AT BRIDGE, 5 MILES SOUTH OF BUFFALO CENTER.
DRAINAGE AREA: 62.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.22	08-16-60	0.68	08-26-70	1.18
05-14-58	4.23	09-28-61	5.96	08-23-71	0.61
10-06-58	0.03	10-29-64	10.0	10-13-71	0.26
10-20-58	0.10	08-30-66	1.93	09-25-74	.96
08-17-59	0.41	09-22-69	1.48		

5-4781.50 BLACK CAT CR NR LONE ROCK, IOWA
LAT 4312XX, LONG 9420XX, NEAR S 1/4
CORNER SEC.24, T.97 N., R.30 W., KOSSUTH CO. (55),
AT BRIDGE, 2 MILES SW OF LONE ROCK.
DRAINAGE AREA: 58.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.03	08-16-60	0.31	08-25-70	0.02
05-13-58	3.93	09-28-61	2.89	08-23-71	0.10
10-06-58	0.	10-26-64	21.2	10-13-71	0.01
10-20-58	0.	08-30-66	0.93	09-26-74	.06
08-17-59	0.29	09-23-69	3.60		

5-4782.00 BLACK CAT CR NR ALGONA, IOWA
LAT 4308XX, LONG 9414XX, NEAR S 1/4
CORNER SEC.11, T.96 N., R.29 W., KOSSUTH CO. (55),
AT BRIDGE ON U. S. HIGHWAY 169, 5 MILES
NORTH OF ALGONA.
DRAINAGE AREA: 112.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.	08-16-60	0.02	08-25-70	0.
05-14-58	8.46	09-28-61	9.47	08-23-71	0.02
10-06-58	0.	10-26-64	41.6	10-13-71	0.0
10-20-58	0.	08-30-66	1.63	09-26-74	0.
08-17-59	0.43	09-23-69	7.29		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4783.50 LOTTS CR NR WEST BEND, IOWA
LAT 4358XX, LONG 9423XX, NEAR S 1/4
CORNER SEC.9, T.94 N., R.30 W., KOSSUTH CO. (55),
AT BRIDGE, 3 MILES EAST OF WEST BEND.
DRAINAGE AREA: 66.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.76	08-15-60	1.35	08-25-70	1.42
05-13-58	4.44	09-28-61	6.96	08-26-71	2.1
10-08-58	0.61	10-26-64	20.3	10-14-71	1.1
10-20-58	0.41	08-31-66	2.03	09-26-74	1.3
08-18-59	1.42	09-23-69	7.93		

5-4784.00 LOTTS CR AT LIVERMORE, IOWA
LAT 4252XX, LONG 9411XX, IN NE 1/4 SEC.
18, T.93 N., R.28 W., HUMBOLDT CO. (46),
AT BRIDGE NEAR NW CITY LIMITS OF LIVERMORE.
DRAINAGE AREA: 165.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.32	08-18-59	3.22	08-25-70	1.37
05-14-58	10.5	08-15-60	26.2	08-23-71	5.5
10-08-58	0.60	09-28-61	8.14	10-14-71	1.9
10-21-58	0.24	10-26-64	32.1	09-25-74	2.0
05-12-59	36.4	08-31-66	2.62		
08-17-59	8.26	09-23-69	11.9		

5-4796.00 LIZARD CR NR PALMER, IOWA
LAT 4239XX, LONG 9430XX, IN NW 1/4 SEC.
3, T.90 N., R.31 W., POCAHONTAS CO. (76),
AT BRIDGE, 5 MILES NE OF PALMER.
DRAINAGE AREA: 66.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	1.91	08-15-60	1.42	08-27-70	0.58
05-12-58	8.12	09-28-61	1.10	08-24-71	1.0
10-08-58	2.06	10-29-64	1.97	10-15-71	0.46
10-22-58	0.31	08-31-66	1.13	09-24-74	1.3
08-13-59	1.09	09-23-69	3.03		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4798.00 NB LIZARD CR NR HAVELOCK, IOWA
LAT 4248XX, LONG 9440XX, IN NE 1/4 SEC.
18, T.92 N., R.32 W., POCAHONTAS CO. (76),
AT BRIDGE, 4 MILES SE OF HAVELOCK.
DRAINAGE AREA: 79.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.41	08-15-60	1.62	08-27-70	0.53
05-13-58	5.76	09-28-61	0.59	08-24-71	1.1
10-08-58	5.96	10-29-64	4.70	10-15-71	0.38
10-22-58	0.25	08-31-66	0.81	09-24-74	0.46
08-13-59	1.03	09-23-69	6.58		

5-4799.00 LIZARD CR NR GILMORE CITY, IOWA
LAT 4238XX, LONG 9428XX, IN NW 1/4 SEC.
1, T.90 N., R.31 W., POCAHONTAS CO. (76),
AT BRIDGE, 6 MILES SW OF GILMORE CITY.
DRAINAGE AREA: 219.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	2.96	09-28-61	3.79	08-24-71	4.0
05-12-58	15.6	10-29-64	9.04	10-15-71	2.0
10-22-58	1.22	08-31-66	3.76	09-24-74	1.3
08-13-59	4.65	09-23-69	12.2		
08-15-60	5.19	08-27-70	1.63		

5-4801.00 SB LIZARD CR NR PALMER, IOWA
LAT 4235XX, LONG 9432XX, IN SW 1/4 SEC.
29, T.90 N., R.31 W., POCAHONTAS CO. (76),
AT BRIDGE, 4.5 MILES SE OF PALMER.
DRAINAGE AREA: 66.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.40	09-28-61	0.49	08-24-71	0.06
05-12-58	5.49	10-29-64	0.10	10-15-71	0.0
10-22-58	0.09	08-31-66	0.03	09-24-74	.10
08-13-59	0.14	09-23-69	1.36		
08-15-60	0.49	08-28-70	0.07		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4803.00 SB LIZARD CR NR FORT DODGE, IOWA
LAT 422950, LONG 941359, IN NE 1/4 SEC.
26, T.89 N., R.29 W., WEBSTER CO. (94),
AT BRIDGE, 3 MILES WEST OF FORT DODGE.
DRAINAGE AREA: 154.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	2.19	09-28-61	4.60	08-24-71	0.14
05-12-58	14.4	10-29-64	0.70	10-14-71	0.17
10-22-58	0.46	08-31-66	1.06	09-24-74	1.9
08-13-59	2.23	09-23-69	8.25		
08-15-60	1.95	08-27-70	0.09		

5-4806.20 BRUSHY CR NR HOMER, IOWA
LAT 4223XX, LONG 9359XX, IN SE 1/4 SEC.
34, T.88 N., R.27 W., WEBSTER CO. (94),
AT BRIDGE, 3 MILES NW OF HOMER.
DRAINAGE AREA: 88.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.49	09-28-61	6.52	08-23-71	1.00
05-12-58	6.28	10-26-64	0.44	10-14-71	0.64
10-21-58	0.51	08-29-66	0.28	09-24-74	.36
08-14-59	0.01	09-22-69	6.52		
08-16-60	0.63	08-27-70	0.		

5-4806.60 BOONE R NR KANAWHA, IOWA
LAT 4255XX, LONG 9353XX, NEAR NORTH 1/4
CORNER SEC.35, T.94 N., R.26 W., HANCOCK CO. (41),
AT BRIDGE, 4 MILES SW OF KANAWHA.
DRAINAGE AREA: 71.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.	09-28-61	5.68	08-26-70	0.32
05-14-58	2.29	10-27-64	5.61	08-23-71	1.3
10-21-58	0.	08-29-66	1.42	10-13-71	0.38
08-14-59	0.88	08-07-67	2.09	09-25-74	.74
08-16-60	0.	09-22-69	1.98		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4807.00 BOONE R NR PENWICK, IOWA
LAT 4253XX, LONG 9355XX, IN SW 1/4 SEC.
3, T.93 N., R.26 W., WRIGHT CO. (99),
AT BRIDGE, 6 MILES NE OF RENWICK.
DRAINAGE AREA: 134.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.13	09-28-61	8.19	08-26-70	1.48
05-14-58	20.6	10-27-64	10.6	08-23-71	2.5
10-21-58	0.01	08-29-66	2.84	10-13-71	1.2
08-14-59	2.31	08-07-67	5.71	09-25-74	2.1
08-16-60	0.01	09-22-69	3.84		

5-4807.20 PRAIRIE CR NR LUVERNE, IOWA
LAT 4257XX, LONG 9405XX, IN SW 1/4 SEC.
18, T.94 N., R.27 W., KOSSUTH CO. (55),
AT BRIDGE, 3 MILES NORTH OF LUVERNE.
DRAINAGE AREA: 68.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.10	09-28-61	5.96	08-23-71	2.4
05-14-58	4.48	10-26-64	9.17	10-13-71	1.2
10-21-58	0.35	08-29-66	2.46	09-25-74	1.1
08-14-59	7.33	09-22-69	2.82		
08-16-60	1.78	08-26-70	0.87		

5-4807.60 PRAIRIE CR NR RENWICK, IOWA
LAT 4252XX, LONG 9359XX, IN NE 1/4 SEC.
23, T.93 N., R.27 W., HUMBOLDT CO. (46),
AT BRIDGE, 3 MILES NW OF RENWICK
DRAINAGE AREA: 118.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.	09-28-61	7.56	08-26-70	0.40
05-14-58	5.68	10-27-64	13.4	08-23-71	2.5
10-21-58	0.	08-29-66	2.05	10-13-71	0.62
08-14-59	5.56	08-07-67	4.95	09-25-74	.52
08-16-60	0.25	09-22-69	3.47		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4808.00 OTTER CR NR GOLDFIELD, IOWA
LAT 4247XX, LONG 9353XX, IN NE 1/4 SEC.
15, T.92 N., R.26 W., WRIGHT CO. (99),
AT BRIDGE, 4 MILES NE OF GOLDFIELD.
DRAINAGE AREA: 75.5 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.16	09-28-61	0.26	08-27-70	0.51
05-14-58	2.15	10-27-64	5.24	08-23-71	1.5
10-21-58	0.38	08-29-66	0.56	10-13-71	0.50
08-14-59	0.48	08-07-67	2.37	09-25-74	.35
08-16-60	0.12	09-22-69	1.36		

5-4808.20 BOONE R NR GOLDFIELD, IOWA
LAT 4242XX, LONG 9357XX, NEAR CENTER OF
SEC.5, T.91 N., R.26 W., WRIGHT CO. (99),
AT BRIDGE, 1.5 MILES SW OF GOLDFIELD.
DRAINAGE AREA: 419.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.33	09-28-61	18.3	08-27-70	2.54
05-14-58	16.2	10-26-64	35.7	08-23-71	11.0
10-21-58	0.50	08-29-66	6.82	10-13-71	4.0
08-14-59	4.41	08-07-67	17.1	09-25-74	1.9
08-16-60	0.72	09-22-69	10.3		

5-4808.60 EAGLE CR NR EAGLE GROVE, IOWA
LAT 4242XX, LONG 9349XX, IN SE 1/4 SEC.
8, T.91 N., R.25 W., WRIGHT CO. (99),
AT BRIDGE, 5 MILES NE OF EAGLE GROVE.
DRAINAGE AREA: 62.8 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.85	09-28-61	0.46	08-27-70	1.28
05-14-58	3.06	10-26-64	4.74	08-23-71	1.5
10-21-58	0.60	08-29-66	0.80	10-13-71	0.97
08-14-59	1.01	08-07-67	1.74	09-25-74	.95
08-16-60	0.53	09-22-69	2.27		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4809.00 EAGLE CR NR WOOLSTOCK, IOWA
LAT 4234XX, LONG 9351XX, NEAR CENTER OF
SEC.36, T.90 N., R.26 W., WRIGHT CO. (99),
AT BRIDGE, 0.5 MILE WEST OF WOOLSTOCK.
DRAINAGE AREA: 105. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	1.40	10-26-64	9.23	08-23-71	3.9
10-21-58	2.56	08-29-66	1.70	10-14-71	2.0
08-14-59	1.52	08-07-67	3.50	09-25-74	2.1
08-16-60	2.55	09-22-69	3.58		
09-28-61	2.18	08-27-70	2.39		

5-4809.40 WHITE FOX CR NR WOOLSTOCK, IOWA
LAT 4236XX, LONG 9345XX, IN SW 1/4 SEC.
13, T.90 N., R.25 W., WRIGHT CO. (99),
AT BRIDGE, 5 MILES NE OF WOOLSTOCK.
DRAINAGE AREA: 62.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	1.86	09-28-61	2.12	08-27-70	2.49
05-15-58	4.70	10-26-64	7.27	08-23-71	3.1
10-21-58	4.22	08-29-66	4.01	10-14-71	2.0
08-14-59	2.02	08-07-67	3.87	09-25-74	2.3
08-16-60	2.26	09-22-69	5.70		

5-4809.80 WHITE FOX CR AT WEBSTER CITY, IOWA
LAT 4230XX, LONG 9348XX, IN NW 1/4 SEC.
28, T.89 N., R.25 W., HAMILTON CO. (40),
AT BRIDGE, 2 MILES NORTH OF WEBSTER CITY.
DRAINAGE AREA: 111. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	2.39	09-28-61	3.91	08-27-70	2.27
05-15-58	8.29	10-26-64	9.31	08-23-71	3.7
10-21-58	5.07	08-29-66	5.19	10-14-71	2.7
08-14-59	1.68	08-07-67	4.73	09-24-74	4.0
08-16-60	2.79	09-22-69	10.1		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4816.00 BIG CR AT POLK CITY, IOWA
LAT 4146XX, LONG 9342XX, IN SE 1/4 SEC.
1, T.80 N., R.25 W., POLK CO. (77),
AT BRIDGE, 1 MILE SE OF POLK CITY.
DRAINAGE AREA: 91.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	0.00	09-06-61	4.93	07-14-70	7.64
04-23-58	8.74	10-26-64	1.42	08-23-71	0.11
10-21-58	7.36	09-07-66	0.22		
09-08-60	9.68	09-24-69	7.15		

5-4817.00 BEAVER CR NR BEAVER, IOWA
LAT 4202XX, LONG 9409XX, NEAR S 1/4
CORNER SEC.6, T.83 N., R.28 W., BOONE CO. (08),
AT BRIDGE, 1 MILE SW OF BEAVER.
DRAINAGE AREA: 84.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	1.91	09-08-60	4.50	09-24-69	8.44
04-22-58	14.2	09-07-61	8.28	07-14-70	4.84
10-21-58	1.74	10-27-64	0.72	08-24-71	0.00
08-24-59	1.84	09-07-66	0.00	09-23-74	.76

5-4818.00 BEAVER CR NR BERKLEY, IOWA
LAT 4155XX, LONG 9406XX, IN NW 1/4 SEC.
15, T.82 N., R.28 W., BOONE CO. (08),
AT BRIDGE, 2 MILES SOUTH OF BERKLEY.
DRAINAGE AREA: 175. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	2.74	09-08-60	15.5	09-24-69	14.9
04-22-58	23.8	09-07-61	14.0	07-14-70	9.75
10-21-58	4.89	10-27-64	2.28	08-24-71	0.00
08-24-59	8.46	09-07-66	0.00	09-23-74	1.6

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4819.00 BEAVER CR AT GRANGER, IOWA
LAT 414539, LONG 935101, IN SW 1/4 SEC.
2, T.80 N., R.26 W., DALLAS CO. (25),
AT BRIDGE, 1.5 MILES WEST OF GRANGER.
DRAINAGE AREA: 314. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	2.25	09-07-61	23.6	07-14-70	18.2
04-23-58	41.0	10-26-64	9.34	08-24-71	0.61
10-21-58	15.3	09-07-66	1.08	09-23-74	2.9
09-08-60	35.6	09-24-69	22.1		

5-4821.00 N RACCOON R NR REMBRANDT, IOWA
LAT 4247XX, LONG 9506XX, IN NE 1/4 SEC.
21, T.92 N., R.36 W., BUENA VISTA CO. (11),
AT BRIDGE, 5 MILES SE OF REMBRANDT.
DRAINAGE AREA: 77.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.84	10-09-61	4.11	07-13-70	3.84
04-15-58	26.4	10-17-61	3.88	08-03-71	5.9
10-21-58	.71	10-28-64	4.70	09-23-74	.79
07-29-59	2.91	09-13-66	0.63		
10-04-60	7.94	03-19-68	1.01		

5-4821.20 N RACCOON R NR TRUESDALE, IOWA
LAT 4242XX, LONG 9505XX, IN NE 1/4 SEC.
15, T.91 N., R.36 W., BUENA VISTA CO. (11),
AT BRIDGE, 6 MILES SE OF TRUESDALE.
DRAINAGE AREA: 164. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	2.37	10-09-61	4.94	07-13-70	7.35
04-15-58	43.5	10-17-61	7.39	08-03-71	11.0
10-21-58	.90	10-28-64	9.05	09-23-74	2.2
07-29-59	4.09	08-13-66	3.74		
10-04-60	15.1	03-19-68	4.71		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4821.80 L CEDAR CR NR FONDA, IOWA
LAT 4237XX, LONG 9451XX, IN NW 1/4 SEC.
15, T.90 N., R.34 W., POCAHONTAS CO. (76),
AT BRIDGE, 2 MILES NORTH OF FONDA.
DRAINAGE AREA: 83.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	1.46	10-04-60	2.39	03-19-68	0.98
04-15-58	19.7	10-09-61	1.75	07-13-70	3.43
10-21-58	0.19	10-17-61	3.24	08-04-71	3.8
05-12-59	53.2	10-28-64	2.92	09-23-74	.05
07-29-59	1.05	09-13-66	0.55		

5-4822.00 B CEDAR CR AT FONDA, IOWA
LAT 4235XX, LONG 9451XX, IN SW 1/4 SEC.
22, T.90 N., R.34 W., POCAHONTAS CO. (76),
AT BRIDGE ON STATE HIGHWAY 7, AT NORTH CITY
LIMITS OF FONDA.
DRAINAGE AREA: 196. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	3.89	10-04-60	5.84	03-19-68	3.63
04-15-58	40.6	10-09-61	3.51	07-13-70	8.90
10-21-58	0.24	10-17-61	5.62	08-24-71	7.4
05-12-59	106.	10-28-64	9.31	09-23-74	.69
07-29-59	3.35	09-13-66	0.78		

5-4822.20 B CEDAR CR AT SAC CITY, IOWA
LAT 4224XX, LONG 9459XX, IN SE 1/4 SEC.
25, T.88 N., R.36 W., SAC CO. (81),
AT BRIDGE, 1 MILE SE OF SAC CITY.
DRAINAGE AREA: 342. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	6.76	10-03-60	10.2	03-19-68	10.6
04-14-58	60.7	10-17-61	16.9	07-13-70	23.9
10-21-58	2.35	10-28-64	13.3	08-04-71	12.0
07-30-59	8.43	09-13-66	3.13	09-23-74	4.4

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4823.20 INDIAN CR NR LAKE VIEW, IOWA
LAT 4220XX, LONG 9500XX, IN NW 1/4 SEC.
24, T.87 N., R.36 W., SAC CO. (81),
AT BRIDGE, 4 MILES NE OF LAKE VIEW.
DRAINAGE AREA: 90.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	1.69	10-03-60	4.37	03-19-68	5.65
04-16-58	10.9	10-17-61	18.7	07-13-70	4.28
10-21-58	1.16	10-28-64	2.18	08-03-71	1.2
07-30-59	4.41	09-13-66	1.82	09-23-74	4.1

5-4823.60 CAMP CR NR LYTTON, IOWA
LAT 4223XX, LONG 9450XX, IN NW 1/4 SEC.
5, T.87 N., R.34 W., CALHOUN CO. (13),
AT BRIDGE, 3 MILES SE OF LYTTON.
DRAINAGE AREA: 62.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.81	10-03-60	3.17	03-19-68	0.94
04-16-58	10.0	10-18-61	15.8	07-13-70	2.05
10-21-58	.11	10-28-64	0.05	08-23-71	0.22
07-30-59	2.05	09-13-66	0.69	09-23-74	.14

5-4823.80 CAMP CR NR LAKE CITY, IOWA
LAT 4217XX, LONG 9450XX, IN NW 1/4 SEC.
5, T.86 N., R.34 W., CALHOUN CO. (13),
AT BRIDGE, 5 MILES NW OF LAKE CITY.
DRAINAGE AREA: 147. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	1.29	10-04-60	4.62	03-19-68	3.34
04-17-58	22.7	10-18-61	45.6	07-13-70	7.34
10-21-58	0.19	10-27-64	0.18	08-03-71	1.2
07-30-59	3.58	09-13-66	1.63	09-23-74	.81

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4824.00 N RACCOON R NR LAKE CITY, IOWA
LAT 4216XX, LONG 9450XX, NEAR E 1/4
CORNER SEC. 17, T.86 N., R.34 W., CALHOUN CO. (13),
AT BRIDGE ON STATE HIGHWAY 175, 4 MILES
WEST OF LAKE CITY.
DRAINAGE AREA: 1003. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	18.3	10-04-60	52.1	03-19-68	50.1
04-17-58	161.	10-18-61	116.	07-13-70	51.7
10-21-58	10.1	10-28-64	38.3	08-03-71	57.0
07-30-59	32.3	09-13-66	20.2	09-23-74	36.

5-4824.10 LAKE CR NR ROCKWELL CITY, IOWA
LAT 4224XX, LONG 9436XX, IN SW 1/4 SEC.
29, T.88 N., R.32 W., CALHOUN CO. (13),
AT BRIDGE ON U. S. HIGHWAY 20, 1 MILE EAST OF
ROCKWELL CITY.
DRAINAGE AREA: 71.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.96	10-04-60	4.94	03-20-68	0.72
04-16-58	13.4	10-18-61	9.34	07-14-70	5.35
10-21-58	0.20	10-27-64	0.10	08-04-71	0.80
07-29-59	1.23	09-13-66	0.77	09-23-74	.57

5-4824.20 LAKE CR NR LAKE CITY, IOWA
LAT 4216XX, LONG 9447XX, IN SW 1/4 SEC.
14, T.86 N., R.34 W., CALHOUN CO. (13),
AT BRIDGE, 3 MILES WEST OF LAKE CITY.
DRAINAGE AREA: 128. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	1.91	10-18-61	24.8	07-14-70	7.97
04-17-58	30.5	10-27-64	0.23	08-02-71	1.7
10-21-58	0.28	08-03-65	0.52	09-23-74	1.1
07-30-59	5.33	08-13-66	1.47		
10-04-60	6.01	03-20-68	2.10		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4824.40 PURGATORY CR NR LANESBORO, IOWA
LAT 4210XX, LONG 9438XX, IN NE 1/4 SEC.
24, T.85 N., R.33 W., CARROLL CO. (14),
AT BRIDGE, 3 MILES SE OF LANESBORO.
DRAINAGE AREA: 65.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	1.83	10-05-60	2.56	03-20-68	1.99
04-17-58	12.7	10-18-61	16.2	07-14-70	4.20
10-22-58	0.63	10-27-64	0.50	08-02-71	0.44
07-29-59	1.93	09-14-66	0.10	09-25-74	1.1

5-4824.60 E CFDAR CR NR SOMERS, IOWA
LAT 422207, LONG 942703, IN NW 1/4 SEC.
10, T.87 N., R.31 W., CALHOUN CO. (13),
AT BRIDGE, 1 MILE SW OF SOMERS.
DRAINAGE AREA: 62.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	1.45	10-04-60	3.56	03-20-68	2.12
04-17-58	11.8	10-18-61	9.70	07-14-70	4.66
10-20-58	0.44	10-27-64	0.31	08-04-71	4.7
07-29-59	2.77	09-13-66	0.00	09-23-74	.19

5-4824.80 CEDAR CR NR CHURDAN, IOWA
LAT 4208XX, LONG 9435XX, NEAR S 1/4
CORNER SEC.28, T.85 N., R.32 W., GREENE CO. (37),
AT BRIDGE, 5 MILES SW OF CHURDAN.
DRAINAGE AREA: 151. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	2.64	10-05-60	10.8	03-20-68	4.49
04-17-58	25.2	10-18-61	31.1	07-14-70	9.98
10-22-58	0.75	10-27-64	0.11	08-02-71	0.71
07-29-59	4.35	09-14-66	0.00	09-25-74	0.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4827.00 HARDIN CR NR CHURDAN, IOWA
LAT 4210XX, LONG 9426XX, IN SW 1/4 SEC.
14, T.85 N., R.31 W., GREENE CO. (37),
AT BRIDGE, 2 MILES EAST OF CHURDAN.
DRAINAGE AREA: 74.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.85	10-05-60	6.21	03-20-68	0.72
04-17-58	13.5	10-18-61	33.0	07-14-70	3.56
10-20-58	1.04	10-27-64	0.01	08-02-71	0.43
07-29-59	1.57	09-14-66	0.06	09-23-74	.16

5-4830.50 HARDIN CR NR JEFFERSON, IOWA
LAT 4201XX, LONG 9420XX, IN NW 1/4 SEC.
10, T.83 N., R.30 W., GREENE CO. (37),
AT BRIDGE, 2 MILES EAST OF JEFFERSON.
DRAINAGE AREA: 161. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	2.44	10-04-60	12.1	03-20-68	4.18
04-17-58	31.7	10-18-61	72.5	07-14-70	6.45
10-20-58	2.26	10-27-64	1.31	08-02-71	0.46
07-28-59	6.67	09-14-66	1.13	09-23-74	1.7

5-4831.00 W BUTTRICK CR NR FARNHAMVILLE, IOWA
LAT 4213XX, LONG 9422XX, IN NW 1/4 SEC.
4, T.85 N., R.30 W., GREENE CO. (37),
AT BRIDGE, 5 MILES SE OF FARNHAMVILLE.
DRAINAGE AREA: 80.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.20	10-05-60	2.22	03-20-68	1.31
04-17-58	13.2	10-18-61	37.8	07-14-70	3.22
10-20-58	0.57	10-27-64	0.16	08-02-71	0.35
07-29-59	0.85	09-14-66	0.26	09-23-74	.22

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4831.50 E BUTTRICK CR NR GRAND JUNCTION, IOWA
LAT 4204XX, LONG 9416XX, IN NE 1/4 SEC.
30, T.84 N., R.29 W., GREENE CO. (37),
AT BRIDGE, 2.5 MILES NW OF GRAND JUNCTION.
DRAINAGE AREA: 79.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	1.76	10-04-60	2.78	03-20-68	1.55
04-17-58	20.7	10-18-61	32.1	07-14-70	2.18
10-20-58	1.20	10-27-64	0.48	08-02-71	0.25
07-28-59	1.69	09-14-66	0.69	09-23-74	.53

5-4832.00 BUTTRICK CR NR GRAND JUNCTION, IOWA
LAT 4202XX, LONG 9417XX, AT S 1/4
CORNER SEC.36, T.84 N., R.30 W., GREENE CO. (37),
AT BRIDGE, 2.5 MILES WEST OF GRAND
JUNCTION.
DRAINAGE AREA: 202. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	2.44	10-04-60	6.33	03-20-68	5.87
04-17-58	39.1	10-18-61	96.0	07-14-70	6.80
10-20-58	2.36	10-27-64	1.06	08-02-71	0.45
07-28-59	5.71	09-14-66	0.96	09-23-74	.86

5-4832.50 GREEN BRIER CR NR JAMAICA, IOWA
LAT 4151XX, LONG 9417XX, NEAR CENTER OF
SEC.1, T.81 N., R.30 W., GUTHRIE CO. (39),
AT BRIDGE, 1.5 MILES NE OF JAMAICA.
DRAINAGE AREA: 65.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	8.14	10-05-60	4.11	03-19-68	1.83
04-17-58	16.9	10-19-61	41.7	07-14-70	3.99
10-22-58	7.06	10-26-64	2.38	08-02-71	1.0
07-28-59	4.37	09-13-66	0.00	09-23-74	.36

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4833.00 N RACCOON R NR PERRY, IOWA
LAT 4150XX, LONG 9408XX, NEAR CENTER OF
SEC.8, T.81 N., R.28 W., DALLAS CO. (25),
AT BRIDGE ON STATE HIGHWAY 141, 1 MILE WEST
OF PERRY.

DRAINAGE AREA: 2169. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	65.1	10-05-60	149.	03-20-68	113.
04-17-58	445.	10-19-61	589.	07-14-70	165.
10-23-58	54.1	10-26-64	72.4	08-02-71	132.0
07-28-59	138.	09-13-66	48.6	09-23-74	89.

5-4833.10 S RACCOON R NR GUTHRIE CENTER, IOWA
LAT 4141XX, LONG 9432XX, IN SW 1/4 SEC.
36, T.80 N., R.32 W., GUTHRIE CO. (39),
AT BRIDGE, 2 MILES NW OF GUTHRIE CENTER.

DRAINAGE AREA: 77.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	6.74	10-19-61	29.9	07-13-70	8.90
10-23-58	12.2	10-29-64	11.9	08-03-71	11.0
07-31-59	10.1	09-12-66	8.75	09-24-74	16.
10-04-60	12.4	03-19-68	10.1		

5-4833.20 BRUSHY FORK CR NR DEDHAM, IOWA
LAT 4147XX, LONG 9454XX, IN SE 1/4 SEC.
22, T.82 N., R.34 W., CARROLL CO. (14),
AT BRIDGE, 2 MILES SE OF DEDHAM.

DRAINAGE AREA: 68.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	4.22	10-04-60	8.02	03-19-68	6.88
04-18-58	14.5	10-18-61	16.9	07-14-70	9.66
10-22-58	2.99	10-28-64	5.77	08-02-71	5.4
07-30-59	7.92	09-12-66	5.25	09-25-74	12.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4833.30 BRUSHY FORK CR NR GUTHRIE CENTER, IOWA
LAT 4139XX, LONG 9427XX, NEAR CENTER OF
SEC.15, T.79 N., R.31 W., GUTHRIE CO. (39),
AT BRIDGE, 3.5 MILES SE OF GUTHRIE CENTER.
DRAINAGE AREA: 142. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	12.5	10-18-61	44.4	07-13-70	18.4
10-23-58	16.7	10-29-64	17.4	08-03-71	21.0
07-31-59	21.7	09-12-66	17.0	09-24-74	34.
10-03-60	21.7	03-19-68	19.3		

5-4833.40 S RACCOON R NR MONTEITH, IOWA
LAT 4138XX, LONG 9425XX, IN SE 1/4 SEC.
23, T.79 N., R.31 W., GUTHRIE CO. (39),
AT BRIDGE, 0.5 MILE EAST OF MONTEITH.
DRAINAGE AREA: 267. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	23.2	10-18-61	80.1	07-13-70	30.1
10-23-58	32.9	10-29-64	39.7	08-03-71	41.0
07-31-59	36.0	09-12-66	29.5	09-24-74	57.
10-03-60	47.4	03-19-68	32.7		

5-4833.50 M RACCOON R NR CARROLL, IOWA
LAT 4203XX, LONG 9449XX, IN SE 1/4 SEC.
29, T.84 N., R.34 W., CARROLL CO. (14),
AT BRIDGE, 2 MILES SE OF CARROLL.
DRAINAGE AREA: 74.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	3.45	10-04-60	5.00	03-19-68	7.18
04-17-58	15.2	10-19-61	14.8	07-14-70	7.58
10-22-58	2.01	10-28-64	4.18	08-02-71	3.1
07-30-59	7.69	09-12-66	2.60	09-25-74	10.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4833.60 M RACCOON R NR GLIDDEN, IOWA
LAT 4203XX, LONG 9446XX, NEAR CENTER OF
SEC.35, T.84 N., R.34 W., CARROLL CO. (14),
AT BRIDGE, 2.5 MILES SW OF GLIDDEN.
DRAINAGE AREA: 138. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	4.51	10-04-60	4.23	03-19-68	9.74
04-17-58	30.1	10-19-61	36.2	07-14-70	9.39
10-22-58	3.29	10-28-64	4.80	08-02-71	4.0
07-30-59	8.07	09-12-66	4.41	09-25-74	9.8

5-4833.80 WILLOW CR NR SCRANTON, IOWA
LAT 4154XX, LONG 9435XX, IN SW 1/4 SEC.
21, T.82 N., R.32 W., GREENE CO. (37),
AT BRIDGE, 9 MILES SW OF SCRANTON.
DRAINAGE AREA: 51.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	2.58	10-04-60	2.55	03-19-68	2.90
04-18-58	12.6	10-19-61	22.2	07-14-70	3.83
10-21-58	3.90	10-28-64	2.01	08-02-71	0.83
07-31-59	3.32	09-12-66	0.83	09-24-74	6.3

5-4834.00 WILLOW CR NR BAYARD, IOWA
LAT 4149XX, LONG 9433XX, IN SE 1/4 SEC.
15, T.81 N., R.32 W., GUTHRIE CO. (39),
AT BRIDGE, 2 MILES SOUTH OF BAYARD.
DRAINAGE AREA: 112. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	7.20	10-19-61	47.1	07-14-70	6.65
04-18-58	26.5	10-28-64	6.96	08-02-71	2.6
10-22-58	9.34	09-12-66	2.73	09-24-74	6.3
10-04-60	10.3	03-19-68	8.16		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4834.50 M RACCOON R NR BAYARD, IOWA
LAT 4147XX, LONG 9430XX, IN SE 1/4 SEC.
31, T.81 N., R.31 W., GUTHRIE CO. (39),
AT BRIDGE ON STATE HIGHWAY 25, 6 MILES SE OF
BAYARD.
DRAINAGE AREA: 375. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	22.6	10-19-61	128.	08-02-71	22.0
04-18-58	85.5	10-28-64	28.6	09-22-71	10.0
10-22-58	23.7	09-12-66	22.5	09-24-74	42.
07-31-59	28.9	03-19-68	33.5		
10-04-60	33.2	07-13-70	30.7		

5-4836.20 MOSQUITO CR NR LINDEN, IOWA
LAT 4143XX, LONG 9415XX, NEAR S 1/4
CORNER SEC.20, T.80 N., R.29 W., DALLAS CO. (25),
AT BRIDGE, 5 MILES NE OF LINDEN.
DRAINAGE AREA: 67.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.74	10-03-60	3.31	03-20-68	1.14
04-18-58	14.8	10-18-61	49.8	07-13-70	2.68
10-23-58	5.08	10-28-64	3.56	08-02-71	0.78
08-24-59	0.74	09-13-66	0.00	09-23-74	.14

5-4836.40 MOSQUITO CR NR REDFIELD, IOWA
LAT 4138XX, LONG 9413XX, IN NE 1/4 SEC.
27, T.79 N., R.29 W., DALLAS CO. (25),
AT BRIDGE, 3 MILES NORTH OF REDFIELD.
DRAINAGE AREA: 110. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.63	10-03-60	12.6	03-20-68	2.10
04-18-58	23.0	10-18-61	77.8	07-13-70	3.40
10-23-58	10.3	10-29-64	5.86	08-03-71	2.5
08-25-59	8.16	09-13-66	0.00	09-24-74	.53

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4836.60 M RACCOON R AT REDFIELD, IOWA
LAT 4136XX, LONG 9413XX, NEAR W 1/4
CORNER SEC.4, T.78 N., R.29 W., DALLAS CO. (25),
AT BRIDGE NEAR WEST CITY LIMITS OF
REDFIELD.
DRAINAGE AREA: 609. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	28.5	10-03-60	55.0	03-20-68	35.5
04-18-58	123.	10-18-61	263.	07-13-70	38.1
10-23-58	47.8	10-29-64	45.0	08-03-71	30.0
08-25-59	43.0	09-13-66	27.2	09-24-74	48.

5-4842.00 PANTHER CR NR ADEL, IOWA
LAT 4136XX, LONG 9406XX, NEAR N 1/4
CORNER SEC.5, T.78 N., R.28 W., DALLAS CO. (25),
AT BRIDGE, 4 MILES SW OF ADEL.
DRAINAGE AREA: 56.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-03-60	12.6	03-20-68	1.05
04-18-58	10.0	10-18-61	62.1	07-13-70	1.85
10-24-58	5.87	10-29-64	5.10	08-03-71	8.3
08-25-59	2.55	09-13-66	0.47	09-24-74	1.1

5-4847.00 WALNUT CR AT WEST DES MOINES, IOWA
LAT 413600, LONG 934307, IN SE 1/4 SEC.
35, T.79 N., R.25 W., POLK CO. (77),
AT BRIDGE IN WEST DES MOINES.
DRAINAGE AREA: 64.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	0.00	10-18-61	67.1	07-13-70	3.20
04-18-58	8.78	10-29-64	3.33	08-03-71	11.0
10-23-58	5.02	09-13-66	0.00		
10-03-60	27.6	03-20-68	2.00		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4856.00 FOURMILE CR NR ANKENY, IOWA
LAT 414354, LONG 933421, NEAR S 1/4
CORNER SEC.18, T.80 N., R.23 W., POLK CO. (77),
AT BRIDGE, 1.5 MILES EAST OF ANKENY.
DRAINAGE AREA: 59.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	0.00	09-08-60	2.34	09-24-69	1.43
04-23-58	3.66	09-06-61	0.67	07-14-70	2.86
10-21-58	3.48	10-26-64	0.77	08-23-71	0.00
08-24-59	6.39	09-07-66	0.02	09-23-74	.11

5-4856.50 FOURMILE CR AT DES MOINES, IOWA
LAT 413603, LONG 933147, IN NE 1/4 SEC.
5, T.78 N., R.23 W., POLK CO. (77),
AT BRIDGE ON STATE HIGHWAY 163, AT EAST CITY
LIMITS OF DES MOINES.
DRAINAGE AREA: 95.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	0.00	09-06-61	3.28	07-14-70	5.39
10-21-58	4.02	10-26-64	1.86	08-04-71	0.34
08-25-59	4.49	09-07-66	0.26		
09-08-60	9.20	09-24-69	3.77		

5-4857.00 NORTH R NR EARLHAM, IOWA
LAT 4124XX, LONG 9411XX, IN NE 1/4 SEC.
9, T.76 N., R.29 W., MADISON CO. (61),
AT BRIDGE, 7 MILES SW OF EARLHAM.
DRAINAGE AREA: 68.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-10-61	12.9	03-12-68	1.09
03-26-58	10.7	10-17-61	23.0	08-24-71	0.67
10-27-58	8.11	10-29-63	0.00	09-24-74	.56
10-23-59	5.33	10-12-64	17.1		
09-13-60	4.19	08-29-66	0.40		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4858.50 NB NORTH R NR WINTERSET, IOWA
LAT 4126XX, LONG 9356XX, IN NE 1/4 SEC.
34, T.77 N., R.27 W., MADISON CO. (61),
AT BRIDGE, 7 MILES NE OF WINTERSET.
DRAINAGE AREA: 74.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-10-61	14.0	03-13-68	3.44
03-27-58	6.80	10-17-61	39.9	07-29-70	0.31
10-28-58	4.88	10-29-63	0.00	08-24-71	0.47
10-23-59	3.78	10-12-64	7.53	09-24-74	.77
09-13-60	5.88	08-29-66	0.43		

5-4859.00 NORTH R NR WINTERSET, IOWA
LAT 4126XX, LONG 9355XX, IN NW 1/4 SEC.
36, T.77 N., R.27 W., MADISON CO. (61),
AT BRIDGE, 8 MILES NE OF WINTERSET.
DRAINAGE AREA: 203.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-10-61	37.5	07-29-70	1.60
03-27-58	21.6	10-29-63	0.00	08-24-71	1.1
10-28-58	12.3	10-12-64	29.0	09-24-74	2.0
10-23-59	10.9	08-29-66	1.57		
09-13-60	13.0	03-13-68	20.1		

5-4861.00 MIDDLE R NR CASEY, IOWA
LAT 4130XX, LONG 9429XX, IN SW 1/4 SEC.
36, T.78 N., R.32 W., GUTHRIE CO. (39),
AT BRIDGE, 1.5 MILES EAST OF CASEY.
DRAINAGE AREA: 72.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	1.94	10-10-61	26.0	03-13-68	1.11
03-27-58	29.9	10-18-61	18.0	07-28-70	1.75
10-27-58	16.9	10-29-63	0.94	08-24-71	1.1
10-23-59	2.62	10-12-64	13.7	09-24-74	1.8
09-13-60	3.63	08-29-66	0.76		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4861.50 MIDDLE R AT MIDDLE RIVER, IOWA
LAT 4120XX, LONG 9414XX, NEAR CENTER OF
SEC.6, T.75 N., R.29 W., MADISON CO. (61),
AT BRIDGE NEAR SOUTH CITY LIMITS OF MIDDLE
RIVER.

DRAINAGE AREA: 164.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	1.81	10-10-61	37.6	03-12-68	18.0
03-26-58	54.2	10-17-61	55.9	07-28-70	8.55
10-28-58	30.4	10-29-63	1.67	08-24-71	4.4
10-23-59	21.8	10-12-64	48.0	09-24-74	3.3
09-13-60	8.17	08-29-66	3.14		

5-4863.00 CLANTON CR AT EAST PERU, IOWA
LAT 4114XX, LONG 9355XX, IN NE 1/4 SEC.
11, T.74 N., R.27 W., MADISON CO. (61),
AT BRIDGE NEAR EAST CITY LIMITS OF EAST PERU.

DRAINAGE AREA: 84.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.01	10-17-61	40.8	07-09-70	0.02
10-28-58	0.30	10-29-63	0.00	08-23-71	0.02
10-22-59	6.38	10-12-64	14.3	09-24-74	.01
09-13-60	0.24	08-29-66	0.16		
10-09-61	10.1	03-12-68	2.17		

5-4863.50 CLANTON CR NR MARTENSDALE, IOWA
LAT 4121XX, LONG 9345XX, IN NE 1/4 SEC.
32, T.76 N., R.25 W., WARREN CO. (91),
AT BRIDGE, 2 MILES SW OF MARTENSDALE.

DRAINAGE AREA: 159.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.24	10-10-61	17.6	03-12-68	3.79
03-27-58	3.52	10-17-61	72.0	07-28-70	1.62
10-28-58	0.55	10-29-63	0.40	08-24-71	0.99
10-23-59	5.66	10-13-64	20.0	09-23-74	1.0
09-14-60	2.13	08-29-66	1.48		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4864.00 MIDDLE R AT MARTENSDALE, IOWA
LAT 4122XX, LONG 9344XX, IN SE 1/4 SEC.
21, T.76 N., R.25 W., WARREN CO. (91),
AT BRIDGE ON STATE HIGHWAY 92, 0.5 MILE SE OF
MARTENSDALE.
DRAINAGE AREA: 451.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	2.50	10-10-61	74.1	03-12-68	39.1
03-27-58	64.2	10-17-61	207.	07-28-70	10.5
10-28-58	39.2	10-29-63	4.22	08-24-71	8.7
10-23-59	17.0	10-13-64	89.8	09-23-74	8.8
09-14-60	17.5	08-29-66	9.44		

5-4867.00 SOUTH R NR NEW VIRGINIA, IOWA
LAT 4113XX, LONG 9344XX, IN NE 1/4 SEC.
16, T.74 N., R.25 W., WARREN CO. (91),
AT BRIDGE, 2.5 MILES NORTH OF NEW VIRGINIA.
DRAINAGE AREA: 65.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.00	10-09-61	6.47	03-14-68	0.89
03-26-58	0.53	10-17-61	23.7	07-29-70	0.01
10-28-58	0.00	10-29-63	0.00	08-23-71	0.00
10-22-59	5.92	10-13-64	7.99	09-23-74	0.
09-13-60	0.04	08-29-66	0.02		

5-4869.00 SQUAW CR NR JAMISON, IOWA
LAT 4108XX, LONG 9344XX, IN NE 1/4 SEC.
16, T.73 N., R.25 W., CLARKE CO. (20),
AT BRIDGE, 0.5 MILE NW OF JAMISON.
DRAINAGE AREA: 60.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.00	10-09-61	2.89	03-14-68	0.98
03-26-58	0.81	10-17-61	9.88	07-29-70	0.00
10-28-58	0.00	10-29-63	0.00	08-23-71	0.00
10-22-59	4.16	10-13-64	4.18	09-23-74	.01
09-13-60	0.02	08-29-66	0.07		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4871.00 SQUAW CR NR INDIANOLA, IOWA
LAT 4118XX, LONG 9336XX, IN NE 1/4 SEC.
15, T.75 N., R.24 W., WARREN CO. (91),
AT BRIDGE, 4 MILES SW OF INDIANOLA.
DRAINAGE AREA: 134.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.13	10-09-61	7.24	08-29-66	1.36
03-27-58	2.95	10-17-61	24.8	03-13-68	2.68
10-28-58	0.41	10-30-63	0.34	08-24-71	0.40
09-14-60	2.18	10-13-64	9.49	09-23-74	1.1

5-4872.00 SOUTH R NR INDIANOLA, IOWA
LAT 4120XX, LONG 9335XX, IN NE 1/4 SEC.
2, T.75 N., R.24 W., WARREN CO. (91),
AT BRIDGE, 2 MILES SW OF INDIANOLA.
DRAINAGE AREA: 278.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.32	10-09-61	24.5	08-29-66	3.41
03-27-58	3.92	10-17-61	75.0	03-14-68	6.28
10-28-58	1.08	10-30-63	1.27	08-24-71	2.4
09-14-60	5.47	10-13-64	14.6	09-23-74	3.2

5-4874.00 OTTER CR NR NORWOOD, IOWA
LAT 4109XX, LONG 9332XX, IN SW 1/4 SEC.
5, T.73 N., R.23 W., LUCAS CO. (59),
AT BRIDGE, 3 MILES NW OF NORWOOD.
DRAINAGE AREA: 102.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	0.00	10-09-61	6.61	03-13-68	6.35
03-26-58	4.07	10-17-61	20.6	07-29-70	0.01
10-29-58	0.00	10-30-63	0.00	08-23-71	0.00
10-22-59	10.2	10-13-64	4.77	09-23-74	0.
09-12-60	0.88	08-29-66	0.01		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4874.50 OTTER CR NR MILO, IOWA
LAT 411702, LONG 932909, IN NE 1/4 SEC.
22, T.75 N., R.23 W., WARREN CO. (91),
AT BRIDGE ON STATE HIGHWAY 205, 2 MILES WEST
OF MILO.
DRAINAGE AREA: 155.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.03	10-09-61	7.87	08-29-66	0.98
03-27-58	5.52	10-17-61	31.4	03-14-68	8.25
10-29-58	0.00	10-30-63	0.26	08-24-71	2.9
09-14-60	2.48	10-13-64	3.44	09-23-74	.74

5-4877.00 WHITE BREAST CR NR WOODBURN, IOWA
LAT 405836, LONG 933514, IN SE 1/4 SEC.
2, T.71 N., R.24 W., CLARKE CO. (20),
AT BRIDGE, 2 MILES SOUTH OF WOODBURN.
DRAINAGE AREA: 82.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
03-26-58	2.96	10-18-61	17.7	03-13-68	12.1
10-29-58	0.00	10-29-63	0.01	07-28-70	0.05
10-22-59	7.84	10-14-64	4.96	08-24-71	0.00
09-12-60	0.51	08-30-66	0.29	09-24-74	0.05

5-4878.00 WHITE BREAST CR AT LUCAS, IOWA
LAT 4101XX, LONG 9328XX, IN NE 1/4 SEC.
23, T.72 N., R.23 W., LUCAS CO. (59),
AT BRIDGE ON U.S. HIGHWAY 65, NEAR SOUTH CITY
LIMITS OF LUCAS.
DRAINAGE AREA: 128.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	0.02	10-10-61	14.2	03-14-68	12.9
03-26-58	5.29	10-18-61	35.2	07-28-70	0.12
10-29-58	0.24	10-30-63	0.00	08-24-71	0.01
10-22-59	12.4	10-14-64	7.66	09-24-74	.07
09-12-60	1.25	08-30-66	0.43		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4879.00 WHITE BREAST CR NR NEWBERN, IOWA
LAT 4110XX, LONG 9321XX, IN SE 1/4 SEC.
35, T.74 N., R.22 W., WARREN CO. (91),
AT BRIDGE, 2 MILES WEST OF NEWBERN.
DRAINAGE AREA: 243.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	0.15	10-10-61	37.3	03-13-68	23.2
03-27-58	13.3	10-18-61	76.2	07-28-70	1.69
10-29-58	0.00	10-30-63	0.20	08-23-71	0.13
10-22-59	23.5	10-15-64	11.2	09-23-74	.80
09-12-60	2.41	08-30-66	1.03		

5-4882.00 ENGLISH CR NR KNOXVILLE, IOWA
LAT 411615, LONG 930526, NEAR CENTER OF
SEC.30, T.75 N., R.19 W., MARION CO. (63),
AT BRIDGE, 3 MILES SOUTH OF KNOXVILLE.
DRAINAGE AREA: 73.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	0.37	09-11-61	0.00	08-29-66	0.01
03-24-58	1.47	10-09-61	8.27	03-13-68	5.20
10-30-58	0.00	10-17-61	24.1	08-23-71	0.00
10-20-59	0.03	10-30-63	0.00	09-23-74	.05
09-14-60	0.01	10-15-64	0.01		

5-4883.00 ENGLISH CR NR HARVEY, IOWA
LAT 4120XX, LONG 9257XX, NEAR E 1/4
CORNER SEC.5, T.75 N., R.18 W., MARION CO. (63),
AT BRIDGE, 1.5 MILES NW OF HARVEY.
DRAINAGE AREA: 108.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-17-57	2.84	09-11-61	0.19	08-29-66	0.16
03-24-58	2.86	10-09-61	14.7	03-13-68	4.57
10-30-58	0.63	10-17-61	35.9	08-23-71	0.03
10-20-59	0.82	10-30-63	0.00	09-23-74	2.3
09-14-60	0.27	10-15-64	0.53		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4885.50 CEDAR CR AT MELROSE, IOWA
LAT 4058XX, LONG 9303XX, IN SW 1/4 SEC.
4, T.71 N., R.19 W., MONROE CO. (68),
AT BRIDGE NEAR SOUTH CITY LIMITS OF MELROSE.
DRAINAGE AREA: 23.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	0.01	09-11-61	0.01	03-12-68	4.42
03-28-58	3.75	10-19-61	3.97	07-29-70	0.01
10-29-58	2.27	10-29-63	0.01	08-23-71	0.02
10-20-59	2.20	10-15-64	0.06	09-24-74	.02
09-12-60	0.00	08-29-66	0.02		

5-4886.00 CEDAR CR NR ALBIA, IOWA
LAT 4101XX, LONG 9253XX, IN NE 1/4 SEC.
26, T.72 N., R.18 W., MONROE CO. (68),
AT BRIDGE ON U. S. HIGHWAY 34, 4 MILES WEST
OF ALBIA.
DRAINAGE AREA: 102.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
03-28-58	11.5	10-19-61	12.1	07-29-70	0.18
10-29-58	8.13	10-29-63	0.12	08-23-71	0.18
10-20-59	11.4	10-15-64	0.00	09-24-74	.26
09-12-60	0.27	08-29-66	0.08		
09-11-61	0.14	03-12-68	13.4		

5-4887.00 CEDAR CR NR LOVILLA, IOWA
LAT 4107XX, LONG 9256XX, NEAR S 1/4
CORNER SEC.16, T.73 N., R.18 W., MONROE CO. (68),
AT BRIDGE, 2 MILES SW OF LOVILIA.
DRAINAGE AREA: 211.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.26	09-11-61	0.78	03-12-68	32.2
03-28-58	19.1	10-20-61	28.2	07-29-70	2.34
10-29-58	12.5	10-29-63	0.26	08-23-71	0.30
10-20-59	19.8	10-15-64	0.55	09-23-74	2.1
09-12-60	0.80	08-29-66	1.38		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4888.00 N CEDAR CR NR LOVILLA, IOWA
LAT 4109XX, LONG 9303XX, IN NE 1/4 SEC.
4, T.73 N., R.19 W., MONROE CO. (68),
AT BRIDGE, 7.5 MILES NW OF LOVILIA.
DRAINAGE AREA: 61.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.07	09-11-61	0.01	03-12-68	11.8
03-24-58	6.61	10-20-61	12.1	08-23-71	0.00
10-30-58	0.80	10-29-63	0.00	09-23-74	.04
10-20-59	3.15	10-15-64	0.05		
09-12-60	0.11	08-29-66	0.01		

5-4889.00 N CEDAR CR NR MARYSVILLE, IOWA
LAT 4111XX, LONG 9301XX, IN SE 1/4 SEC.
26, T.74 N., R.19 W., MARION CO. (63),
AT BRIDGE, 3 MILES WEST OF MARYSVILLE.
DRAINAGE AREA: 111.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
03-24-58	8.20	09-11-61	0.14	08-29-66	0.01
10-30-58	1.27	10-20-61	23.1	03-13-68	7.03
10-20-59	2.22	10-29-63	0.03	08-23-71	0.00
09-12-60	0.18	10-15-64	0.10	09-23-74	.18

5-4893.00 M AVERY CR NR CHILLICOTHE, IOWA
LAT 4106XX, LONG 9233XX, IN SE 1/4 SEC.
26, T.73 N., R.15 W., WAPELLO CO. (90),
AT BRIDGE, 1 MILE NW OF CHILLICOTHE.
DRAINAGE AREA: 60.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	0.08	09-07-61	0.44	11-03-66	0.00
03-27-58	2.63	11-04-63	0.05	06-20-68	0.67
10-22-58	1.28	10-14-64	0.01	07-14-70	0.00
08-25-59	0.32	06-08-66	3.68	08-25-71	0.04
09-09-60	0.05	08-17-66	0.89	09-24-74	.43

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4894.00 S AVERY CR AT CHILLICOTHE, IOWA
LAT 4105XX, LONG 9232XX, AT E 1/4
CORNER SEC.36, T.73 N., R.15 W., WAPELLO CO. (90),
AT BRIDGE, NEAR SOUTH CITY LIMITS OF
CHILLICOTHE.
DRAINAGE AREA: 51.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-18-57	0.01	09-07-61	0.16	06-20-68	0.00
03-27-58	0.00	11-04-63	0.16	07-14-70	0.18
10-22-58	2.16	10-14-64	0.02	08-25-71	0.00
08-25-59	2.02	08-17-66	0.00	09-24-74	.14
09-09-60	0.07	11-03-66	0.00		

5-4899.00 SOAP CR NR ASH GROVE, IOWA
LAT 4051XX, LONG 9236XX, IN SW 1/4 SEC.
21, T.70 N., R.15 W., DAVIS CO. (26),
AT BRIDGE, 3 MILES SW OF ASH GROVE.
DRAINAGE AREA: 97.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.00	09-06-61	0.03	11-03-66	0.42
03-26-58	6.99	11-04-63	0.18	06-12-68	4.41
10-29-58	5.21	10-14-64	0.28	07-14-70	0.63
08-26-59	5.12	06-08-66	6.39	08-25-71	0.04
09-08-60	0.38	08-22-66	1.04	09-24-74	1.1

5-4901.00 SOAP CR NR FLORIS, IOWA
LAT 405337, LONG 921553, NEAR CENTER OF
SEC.5, T.70 N., R.12 W., DAVIS CO. (26),
AT BRIDGE, 4 MILES NE OF FLORIS.
DRAINAGE AREA: 243. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	1.62	11-04-63	1.67	09-12-67	2.17
03-27-58	20.0	10-14-64	1.93	06-12-68	18.3
10-29-58	10.7	06-08-66	24.1	07-14-70	6.21
08-26-59	18.4	08-22-66	5.99	08-25-71	4.7
09-08-60	23.1	11-03-66	2.40	09-25-74	7.1
09-07-61	2.63	04-18-67	103.		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4902.00 LICK CR AT KILBOURN, IOWA
LAT 4048XX, LONG 9158XX, IN SW 1/4 SEC.
1, T.69 N., R.10 W., VAN BUREN CO. (89),
AT BRIDGE NEAR EAST CITY LIMITS OF KILBOURN.
DRAINAGE AREA: 82.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.00	09-07-61	0.21	06-12-68	2.94
03-26-58	4.13	11-04-63	0.00	07-14-70	0.00
10-28-58	0.81	10-15-64	0.00	08-25-71	0.00
10-22-59	7.21	08-22-66	0.00	09-25-74	.36
09-08-60	0.05	11-03-66	0.00		

5-4903.00 CHEQUEST CR NR TROY, IOWA
LAT 404717, LONG 921101, IN SE 1/4 SEC.
12, T.69 N., R.12 W., DAVIS CO. (26),
AT BRIDGE, 3 MILES NE OF TROY.
DRAINAGE AREA: 85.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.00	09-07-61	0.36	11-03-66	0.00
03-26-58	6.31	11-04-63	0.00	06-12-68	0.80
10-28-58	1.16	10-14-64	0.00	07-14-70	0.09
08-26-59	1.28	06-07-66	8.96	08-25-71	0.84
09-08-60	0.09	08-22-66	0.00	09-25-74	.06

5-4904.00 CHEQUEST CR NR PITTSBURG, IOWA
LAT 404541, LONG 920057, NEAR CENTER OF
SEC.21, T.69 N., R.10 W., DAVIS CO. (26),
AT BRIDGE, 1.5 MILES NW OF PITTSBURG.
DRAINAGE AREA: 123. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.00	09-07-61	1.32	11-03-66	0.24
03-26-58	8.35	11-04-63	0.01	06-12-68	2.46
10-28-58	2.16	10-14-64	0.01	07-14-70	0.55
10-22-59	13.5	06-07-66	31.6	08-24-71	0.03
09-08-60	0.44	08-22-66	1.02	09-25-74	1.2

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

DES MOINES RIVER BASIN - CONTINUED

5-4907.00 SUGAR CR NR CHARLESTON, IOWA
LAT 403353, LONG 913343, IN NW 1/4 SEC.
33, T.67 N., R.6 W., LEE CO. (56),
AT BRIDGE, 2 MILES SW OF CHARLESTON.
DRAINAGE AREA: 62.3 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.00	11-05-63	0.01	06-13-68	0.64
03-26-58	3.92	10-15-64	0.01	07-14-70	0.02
10-28-58	0.49	06-07-66	17.9	08-25-71	0.02
09-06-60	0.08	08-22-66	0.00	09-20-74	.06
09-06-61	0.02	11-02-66	1.02		

FOX RIVER BASIN

5-4945.00 FOX R AT CANTRIL, IOWA
LAT 4039XX, LONG 9203XX, IN SW 1/4 SEC.
30, T.68 N., R.10 W., VAN BUREN CO. (89),
AT BRIDGE ON STATE HIGHWAY 2, 1 MILE NE OF CANTRIL.
DRAINAGE AREA: 161. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.12	11-04-63	1.35	06-12-68	5.90
03-26-58	11.2	10-15-64	1.67	07-14-70	3.05
10-28-58	7.14	06-07-66	16.9	08-25-71	6.2
10-22-59	21.2	08-22-66	4.27	09-25-74	4.2
09-08-60	2.85	11-02-66	2.01		
09-06-61	2.65	09-12-67	0.67		

BIG SIOUX RIVER BASIN

6-4831.00 ROCK R NR ROCK RAPIDS, IOWA
LAT 433001, LONG 961103, IN NE 1/4 SEC.
8, T.100 N., R.45 W., LYON CO. (60),
AT BRIDGE, 5 MILES NORTH OF ROCK RAPIDS.
DRAINAGE AREA: 558. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	25.4	09-25-61	10.0	10-09-69	28.6
05-15-58	26.3	08-15-66	9.10	09-01-70	12.7
10-14-58	2.29	09-11-67	5.78	09-01-71	11.0
08-13-59	3.95	06-11-68	8.92	09-11-73	9.4
10-11-60	16.1	09-11-68	9.53	09-25-74	7.6

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

BIG SIOUX RIVER BASIN - CCNTINUED

6-4832.60 KANARANZI CR NR ROCK RAPIDS, IOWA
LAT 4328XX, LONG 9609XX, IN SW 1/4 SEC.
22, T.100 N., R.45 W., LYON CO. (60),
AT BRIDGE, 2 MILES NORTH OF ROCK RAPIDS.
DRAINAGE AREA: 203. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-21-57	4.62	09-26-61	5.28	10-09-69	3.95
05-14-58	6.83	08-15-66	2.88	09-01-70	2.46
10-14-58	0.14	09-11-67	1.09	09-01-71	3.5
08-13-59	1.58	06-11-68	1.83	09-11-73	1.9
10-10-60	18.2	09-11-68	5.48	09-25-74	1.6

6-4832.80 TOM CR AT ROCK RAPIDS, IOWA
LAT 4326XX, LONG 9609XX, IN SW 1/4 SEC.
34, T.100 N., R.45 W., LYON CO. (60),
AT BRIDGE IN NE CORNER OF ROCK RAPIDS.
DRAINAGE AREA: 61.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.48	09-26-61	0.06	10-09-69	0.24
05-14-58	0.46	08-15-66	0.00	09-01-70	0.00
10-14-58	0.00	09-11-67	0.02	09-01-71	0.06
08-13-59	0.03	06-11-68	.01	09-11-73	.24
10-10-60	0.29	09-11-68	0.00	09-25-74	.02

6-4833.00 ROCK R BELOW ROCK RAPIDS, IOWA
LAT 4324XX, LONG 9609XX, NEAR N 1/4
CORNER SEC.15, T.99 N., R.45 W., LYON CO. (60),
AT BRIDGE, 2 MILES SOUTH OF ROCK RAPIDS.
DRAINAGE AREA: 859. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	33.6	09-26-61	14.8	10-09-69	33.5
05-14-58	38.2	08-15-66	13.5	09-01-70	17.0
10-14-58	0.46	09-11-67	6.60	09-01-71	16.0
08-12-59	7.92	06-11-68	10.5	09-11-73	13.
10-10-60	36.3	09-11-68	14.8	09-25-74	8.2

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

BIG SIOUX RIVER BASIN - CONTINUED

6-4833.20 MUD CR AT LESTER, IOWA
LAT 4327XX, LONG 9620XX, IN NW 1/4 SEC.
36, T.100 N., R.47 W., LYON CO. (60),
AT BRIDGE NEAR NW CITY LIMITS OF LESTER.
DRAINAGE AREA: 63.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.94	09-26-61	0.46	10-09-69	0.45
05-15-58	0.77	08-15-66	0.29	08-31-70	0.01
10-14-58	0.00	09-11-67	0.04	09-01-71	0.00
08-12-59	0.42	06-11-68	0.34	09-11-73	.12
10-11-60	0.69	09-11-68	0.03	09-25-74	.01

6-4833.30 MUD CR NR DOON, IOWA
LAT 4317XX, LONG 9615XX, IN NE 1/4 SEC.
27, T.98 N., R.46 W., LYON CO. (60),
AT BRIDGE, 1.5 MILES NW OF DOON.
DRAINAGE AREA: 138. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	4.21	09-26-61	2.56	10-09-69	2.09
05-15-58	3.36	08-15-66	0.87	08-31-70	0.66
10-13-58	0.21	09-11-67	0.94	09-01-71	0.77
08-12-59	3.29	06-11-68	0.91	09-11-73	.79
10-11-60	3.41	09-11-68	0.07	09-25-74	.37

6-4833.40 ROCK R NR DOON, IOWA
LAT 4316XX, LONG 9615XX, IN NW 1/4 SEC.
35, T.98 N., R.46 W., LYON CO. (60),
AT BRIDGE, 1 MILE SW OF DOON.
DRAINAGE AREA: 1050. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	41.4	09-26-61	21.8	10-09-69	44.2
05-15-58	48.2	08-15-66	15.6	08-31-70	18.9
10-13-58	1.05	09-11-67	11.6	09-01-71	22.0
08-12-59	15.2	06-11-68	13.4	09-11-73	19.
10-11-60	46.5	09-11-68	14.5	09-25-74	9.7

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

BIG SIOUX RIVER BASIN - CONTINUED

6-4833.60 L ROCK R NR LITTLE ROCK, IOWA
LAT 433000, LONG 955057, IN N 1/2 SEC.
7, T.100 N., R.42 W., OSCEOLA CO. (72),
AT BRIDGE, 4 MILES NE OF LITTLE ROCK.
DRAINAGE AREA: 92.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.42	09-25-61	0.42	09-01-70	0.71
05-14-58	0.79	08-15-66	0.11	09-01-71	0.11
10-14-58	0.00	09-11-67	0.01	09-11-73	.05
05-19-59	0.28	06-11-68	0.01	09-25-74	.18
08-13-59	0.00	09-11-68	0.00		
10-10-60	7.90	10-09-69	0.57		

6-4833.80 L ROCK R AT LITTLE ROCK, IOWA
LAT 4326XX, LONG 9554XX, IN NE 1/4 SEC.
3, T.99 N., R.43 W., LYON CO. (60),
AT BRIDGE, 1 MILE SW OF LITTLE ROCK.
DRAINAGE AREA: 134. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	1.67	09-25-61	2.37	09-01-70	1.13
05-14-58	2.83	08-15-66	1.25	09-01-71	1.1
10-14-58	0.26	09-11-67	0.53	09-11-73	.86
05-19-59	1.44	06-11-68	0.87	09-25-74	1.6
08-13-59	0.10	09-11-68	0.23		
10-10-60	10.4	10-09-69	1.66		

6-4834.00 L ROCK R NR GEORGE, IOWA
LAT 4319XX, LONG 9602XX, IN NE 1/4 SEC.
15, T.98 N., R.44 W., LYON CO. (60),
AT BRIDGE, 2 MILES SW OF GEORGE.
DRAINAGE AREA: 199. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	6.34	09-25-61	7.37	09-01-70	2.39
05-15-58	7.81	08-15-66	7.21	09-01-71	3.1
10-14-58	1.13	09-11-67	2.17	09-11-73	3.1
05-19-59	4.89	06-11-68	2.82	09-25-74	3.0
08-12-59	3.43	09-11-68	1.08		
10-11-60	19.7	10-09-69	4.94		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

BIG SIOUX RIVER BASIN - CONTINUED

6-4834.60 OTTER CR NR ASHTON, IOWA
LAT 4320XX, LONG 9546XX, IN SE 1/4 SEC.
2, T.98 N., R.42 W., OSCEOLA CO. (72),
AT BRIDGE, 2 MILES NE OF ASHTON.
DRAINAGE AREA: 88.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	2.12	09-25-61	1.48	09-01-70	0.30
05-14-58	6.90	08-15-66	6.75	09-01-71	1.3
10-14-58	0.60	09-11-67	2.14	09-11-73	1.4
05-19-59	2.77	06-11-68	1.16	09-25-74	2.6
08-12-59	0.98	09-11-68	0.62		
10-11-60	12.8	10-09-69	1.39		

6-4834.70 OTTER CR NR MATLOCK, IOWA
LAT 4316XX, LONG 9555XX, NEAR W 1/4
CORNER SEC.34, T.98 N., R.43 W., LYON CO. (60),
AT BRIDGE, 2 MILES NE OF MATLOCK.
DRAINAGE AREA: 129. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	5.20	09-25-61	2.82	09-01-70	0.84
05-14-58	9.90	08-15-66	4.76	09-01-71	2.0
10-14-58	0.23	09-11-67	1.20	09-11-73	2.3
05-19-59	4.81	06-11-68	1.94	09-25-74	3.8
08-12-59	1.85	09-11-68	0.00		
10-11-60	21.6	10-09-69	2.81		

6-4834.80 OTTER CR NR GEORGE, IOWA
LAT 4317XX, LONG 9603XX, IN NW 1/4 SEC.
28, T.98 N., R.44 W., LYON CO. (60),
AT BRIDGE, 5 MILES SW OF GEORGE.
DRAINAGE AREA: 208. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	5.53	09-25-61	4.38	09-01-70	0.21
05-15-58	10.9	08-15-66	7.79	09-01-71	3.6
10-14-58	0.00	09-11-67	2.57	10-16-72	6.4
05-19-59	7.16	06-11-68	0.56	09-25-74	4.9
08-12-59	4.36	09-11-68	2.28		
10-11-60	30.5	10-09-69	6.69		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

BIG SIOUX RIVER BASIN - CONTINUED

6-4834.90 L ROCK R NR DOON, IOWA
LAT 4316XX, LONG 9614XX, NEAR W 1/4
CORNER SEC. 36, T. 98 N., R. 46 W., LYON CO. (60),
AT BRIDGE, 1 MILE SOUTH OF DOON.
DRAINAGE AREA: 474. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	14.4	09-26-61	11.6	10-09-69	12.6
05-15-58	22.5	08-15-66	12.0	08-31-70	4.13
10-13-58	0.48	09-11-67	6.69	09-01-71	9.3
08-12-59	13.7	06-11-68	4.84	10-16-72	16.
10-11-60	62.6	09-11-68	2.47	09-25-74	8.2

6-4841.00 SIXMILE CR NR HAWARDEN, IOWA
LAT 4302XX, LONG 9624XX, IN NW 1/4 SEC.
28, T. 95 N., R. 47 W., SIOUX CO. (84),
AT BRIDGE, 5 MILES NE OF HAWARDEN.
DRAINAGE AREA: 68.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.63	09-26-61	1.55	09-01-70	1.62
05-13-58	0.63	08-15-66	1.56	09-01-71	2.2
10-13-58	0.29	09-11-67	0.69	10-16-72	1.8
05-18-59	0.52	06-11-68	0.26	09-25-74	1.1
08-11-59	0.35	09-11-68	0.39		
10-11-60	1.04	10-09-69	1.59		

6-4841.50 SIXMILE CR NR CHATSWORTH, IOWA
LAT 4256XX, LONG 9629XX, IN SW 1/4 SEC.
26, T. 94 N., R. 48 W., SIOUX CO. (84),
AT BRIDGE, 1.5 MILES NE OF CHATSWORTH.
DRAINAGE AREA: 104. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	1.72	09-26-61	2.32	09-01-70	4.03
05-13-58	1.87	08-15-66	3.98	09-01-71	5.0
10-13-58	0.25	09-11-67	2.04	09-11-73	4.0
05-18-59	2.77	06-11-68	1.26	09-25-74	3.1
08-11-59	1.10	09-11-68	1.16		
10-11-60	2.97	10-09-69	3.66		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

BIG SIOUX RIVER BASIN - CONTINUED

6-4842.00 INDIAN CR NR CHATSWORTH, IOWA
LAT 4253XX, LONG 9630XX, IN NW 1/4 SEC.
10, T.93 N., R.48 W., PLYMOUTH CO. (75),
AT BRIDGE, 1.5 MILES SOUTH OF CHATSWORTH.
DRAINAGE AREA: 62.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	0.53	09-26-61	0.55	09-01-70	2.31
05-13-58	0.62	08-15-66	1.38	09-01-71	3.6
10-13-58	0.08	09-11-67	0.93	09-11-73	3.0
05-18-59	0.61	06-11-68	0.30	09-25-74	1.1
08-11-59	0.06	09-11-68	0.25		
10-11-60	0.58	10-09-69	3.63		

6-4858.00 BROKEN KETTLE CR NR ADAVILLE, IOWA
LAT 424320, LONG 962808, IN SE 1/4 SEC.
2, T.91 N., R.48 W., PLYMOUTH CO. (75),
AT BRIDGE, 4 MILES SW OF ADAVILLE.
DRAINAGE AREA: 60.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	2.03	09-26-61	1.87	09-02-70	3.03
05-12-58	1.43	08-16-66	3.84	09-02-71	3.2
10-13-58	1.54	09-12-67	2.92	09-12-73	3.3
05-18-59	1.99	06-12-68	1.93	09-26-74	2.4
08-11-59	1.38	09-12-68	1.63		
10-11-60	2.09	10-10-69	4.23		

6-4859.00 BROKEN KETTLE CR NR SIOUX CITY, IOWA
LAT 423816, LONG 963028, IN SW 1/4 SEC.
3, T.90 N., R.48 W., PLYMOUTH CO. (75),
AT BRIDGE, 9 MILES NW OF SIOUX CITY.
DRAINAGE AREA: 97.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	2.73	09-26-61	2.97	09-02-70	4.10
05-12-57	3.31	08-16-66	5.58	09-02-71	4.7
10-13-58	1.73	09-12-67	4.46	09-12-73	4.9
05-18-59	2.78	06-12-68	2.62	09-26-74	2.9
08-11-59	1.72	09-12-68	1.91		
10-11-60	2.74	10-10-69	6.36		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

FLOYD RIVER BASIN

6-6000.20 FLOYD R NR SHELTON, IOWA
LAT 431219, LONG 954922, IN SW 1/4 SEC.
21, T.97 N., R.42 W., O'BRIEN CO. (71),
AT BRIDGE, 2 MILES NE OF SHELTON.
DRAINAGE AREA: 64.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.79	09-26-61	1.45	10-09-69	1.39
05-14-58	1.89	10-01-63	1.12	09-01-70	0.33
10-14-58	0.46	10-12-64	2.58	09-02-71	1.2
05-19-59	2.34	08-15-66	1.52	10-16-72	1.2
08-12-59	0.97	09-11-67	0.65	09-26-74	2.8
10-10-60	5.53	06-11-68	0.88		
10-10-60	5.31	09-11-68	0.32		

6-6000.40 L FLOYD R NR SHELTON, IOWA
LAT 430925, LONG 955202, IN SE 1/4 SEC.
1, T.96 N., R.43 W., SIOUX CO. (84),
AT BRIDGE, 2 MILES SW OF SHELTON.
DRAINAGE AREA: 59.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.13	09-26-61	0.75	09-11-68	0.25
05-14-58	1.06	10-01-63	0.35	10-09-69	0.80
10-15-58	0.00	10-12-64	1.78	09-01-70	0.00
05-19-59	1.92	08-15-66	0.44	09-02-71	0.48
08-12-59	0.39	09-11-67	0.01	10-16-72	2.0
10-10-60	2.64	06-11-68	0.04	09-26-74	4.2

6-6000.60 FLOYD R BELOW SHELTON, IOWA
LAT 430738, LONG 955327, IN N 1/2 SEC.
23, T.96 N., R.43 W., SIOUX CO. (84),
AT BRIDGE, 4 MILES SW OF SHELTON.
DRAINAGE AREA: 165. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	1.31	09-26-61	2.05	10-09-69	1.96
05-14-58	3.87	10-01-63	0.30	09-01-70	0.56
10-15-58	0.00	10-13-64	6.46	09-02-71	0.73
05-19-59	6.42	08-15-66	4.62	10-16-72	4.9
08-12-59	1.67	09-11-67	0.45	08-06-74	2.26
10-10-60	15.1	06-11-68	0.87		
10-10-60	14.1	09-11-68	0.50		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

FLOYD RIVER BASIN - CONTINUED

6-6001.20 DEEP CR NR OYENS, IOWA
LAT 424926, LONG 960653, IN SW 1/4 SEC.
36, T.93 N., R.45 W., PLYMOUTH CO. (75),
AT BRIDGE, 3 MILES NW OF OYENS.
DRAINAGE AREA: 82.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	1.14	09-27-61	11.1	09-12-68	1.82
05-13-58	1.95	10-01-63	0.93	10-10-69	6.55
10-15-58	0.01	10-13-64	2.68	09-02-70	2.23
05-18-59	0.40	08-06-66	2.38	09-02-71	3.0
08-11-59	2.66	09-12-67	1.49	09-12-73	2.8
10-10-60	3.55	06-12-68	0.49	09-26-74	2.2

6-6001.40 WILLOW CR NR OYENS, IOWA
LAT 424942, LONG 960654, NEAR W 1/4
CORNER SEC.36, T.93 N., R.45 W., PLYMOUTH CO. (75),
AT BRIDGE, 3 MILES NW OF OYENS.
DRAINAGE AREA: 65.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	0.06	09-27-61	2.03	09-12-68	0.02
05-13-58	0.12	10-01-63	0.00	10-10-69	1.95
10-15-58	0.00	10-13-64	0.42	09-02-70	0.05
05-18-59	0.02	08-16-66	0.09	09-02-71	0.78
08-11-59	0.20	09-12-67	0.04	10-17-72	1.1
10-10-60	1.36	06-12-68	0.00	09-26-74	.48

6-6001.60 DEEP CR AT LE MARS, IOWA
LAT 424815, LONG 960928, IN NE 1/4 SEC.
9, T.92 N., R.45 W., PLYMOUTH CO. (75),
AT BRIDGE NEAR NORTH CITY LIMITS OF LE MARS.
DRAINAGE AREA: 156. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	1.15	09-27-61	13.5	09-12-68	2.01
05-13-58	2.22	10-01-63	0.65	10-10-69	9.79
10-15-58	0.00	10-14-64	2.95	09-02-70	2.06
05-18-59	0.01	08-16-66	2.62	09-02-71	4.5
08-11-59	3.57	09-12-67	1.36	09-12-73	4.7
10-10-60	4.83	06-12-68	0.31	09-26-74	3.2

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

FLOYD RIVER BASIN - CONTINUED

6-6001.80 FLOYD R AT LE MARS, IOWA
LAT 424802, LONG 961026, IN NW 1/4 SEC.
9, T.92 N., R.45 W., PLYMOUTH CO. (75),
AT BRIDGE NEAR NORTH CITY LIMITS OF LE MARS.
DRAINAGE AREA: 478. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
05-13-58	13.8	10-01-63	2.77	10-10-69	20.5
10-15-58	1.57	10-14-64	12.1	09-02-70	5.36
05-18-59	15.6	08-16-66	8.66	09-02-71	13.0
08-11-59	17.0	09-12-67	4.46	10-17-72	18.
10-10-60	35.1	06-12-68	2.03		
09-27-61	21.1	09-12-68	2.89		

6-6002.00 FLOYD R NR MERRILL, IOWA
LAT 424459, LONG 961232, IN NW 1/4 SEC.
31, T.92 N., R.45 W., PLYMOUTH CO. (75),
AT BRIDGE, 3 MILES NE OF MERRILL.
DRAINAGE AREA: 489. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	7.12	09-27-61	25.9	09-12-68	4.49
05-18-58	14.3	10-01-63	5.11	10-10-69	22.6
10-15-58	2.07	10-14-64	14.6	09-02-70	8.81
05-18-59	18.5	08-16-66	9.18	09-02-71	19.0
08-11-59	17.9	09-12-67	6.89	10-17-72	22.
10-10-60	38.1	06-12-68	4.04	09-26-74	22.

6-6002.50 WB FLOYD R NR MIDDLEBURG, IOWA
LAT 430649, LONG 960452, IN NE 1/4 SEC.
30, T.96 N., R.44 W., SIOUX CO. (84),
AT BRIDGE, 1 MILE WEST OF MIDDLEBURG.
DRAINAGE AREA: 59.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.00	09-26-61	0.93	09-11-68	0.00
05-13-58	0.36	10-01-63	0.09	10-09-69	0.15
10-15-58	0.00	10-13-64	0.14	09-01-70	0.04
05-19-59	0.08	08-15-66	1.21	09-01-71	0.14
08-12-59	0.06	09-11-67	0.07	10-16-72	.38
10-10-60	2.71	06-11-68	0.01	09-25-74	.08

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

FLOYD RIVER BASIN - CONTINUED

6-6004.00 WB FLOYD R NR MERRILL, IOWA
LAT 424459, LONG 961426, IN NE 1/4 SEC.
35, T.92 N., R.46 W., PLYMOUTH CO. (75),
AT BRIDGE, 2 MILES NORTH OF MERRILL.
DRAINAGE AREA: 232. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	5.65	09-27-61	9.91	09-12-68	1.40
05-13-58	6.26	10-01-63	2.85	10-10-69	9.68
10-15-58	0.92	10-14-64	3.94	09-02-70	5.24
05-18-59	2.65	08-16-66	4.60	09-02-71	8.1
08-11-59	4.99	09-12-67	3.09	10-17-72	10.
10-10-60	11.5	06-12-68	1.76	09-26-74	6.9

MONONA-HARRISON DITCH BASIN

6-6015.00 BIG WHISKEY SLOUGH NR KINGSLEY, IOWA
LAT 4240XX, LONG 9552XX, NEAR S 1/4
CORNER SEC.25, T.91 N., R.43 W., PLYMOUTH CO. (75),
AT BRIDGE, 7 MILES NE OF KINGSLEY.
DRAINAGE AREA: 55.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	1.39	08-30-61	8.59	03-26-68	1.14
10-02-58	0.42	10-15-64	2.04	09-01-70	1.26
07-28-59	1.59	09-08-66	0.87	09-14-71	1.8
10-04-60	3.52	05-24-67	0.94	10-02-74	2.3

6-6016.00 WF L SIOUX R NR FIELDING, IOWA
LAT 4239XX, LONG 9552XX, IN NW 1/4 SEC.
1, T.90 N., R.43 W., PLYMOUTH CO. (75),
AT BRIDGE, 4 MILES SW OF FIELDING.
DRAINAGE AREA: 135. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	3.79	08-30-61	27.1	03-26-68	3.11
10-02-58	2.00	10-15-64	7.03	09-01-70	3.34
07-28-59	3.91	09-08-66	3.19	09-14-71	3.9
10-04-60	10.2	05-24-67	3.49	10-02-74	6.2

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

MONONA-HARRISON DITCH BASIN - CONTINUED.

6-6017.00 WF L SIOUX R NR KINGSLEY, IOWA
LAT 4235XX, LONG 9600XX, IN NW 1/4 SEC.
25, T.90 N., R.44 W., PLYMOUTH CO. (75),
AT BRIDGE, 1 MILE WEST OF KINGSLEY.
DRAINAGE AREA: 219. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	7.17	08-30-61	32.5	03-26-68	5.14
10-02-58	2.12	10-15-64	10.6	09-01-70	5.62
07-28-59	11.7	09-08-66	5.20	09-14-71	8.5
10-04-60	21.2	05-24-67	7.77	10-02-74	11.

6-6018.00 MUD CR AT MOVILLE, IOWA
LAT 422928, LONG 960524, IN SW 1/4 SEC.
30, T.89 N., R.44 W., WOODBURY CO. (97),
AT BRIDGE, 1 MILE WEST OF MOVILLE.
DRAINAGE AREA: 68.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-58	0.00	10-15-64	0.52	09-14-71	0.74
07-28-59	0.05	09-08-66	1.40	10-02-74	0.65
10-04-60	1.39	05-24-67	1.12		
08-30-61	0.91	09-01-70	0.18		

6-6019.00 WF L SIOUX R AT MOVILLE, IOWA
LAT 422830, LONG 960439, IN SE 1/4 SEC.
31, T.89 N., R.44 W., WOODBURY CO. (97),
AT BRIDGE ON U. S. HIGHWAY 20, 1/2 MILE SW OF
MOVILLE.
DRAINAGE AREA: 344. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	11.1	08-30-61	41.0	03-26-68	10.2
10-02-58	3.25	10-15-64	15.4	09-01-70	10.6
07-28-59	12.2	09-08-66	10.2	09-14-71	12.0
10-04-60	32.3	05-24-67	10.1	10-02-74	14.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

MONONA-HARRISON DITCH BASIN - CONTINUED

6-6022.00 ELLIOT CR NR BRONSON, IOWA
LAT 422353, LONG 961405, IN NE 1/4 SEC.
31, T.88 N., R.46 W., WOODBURY CO. (97),
AT BRIDGE, 1.5 MILES SW OF BRONSON.
DRAINAGE AREA: 58.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	1.01	08-31-61	1.06	03-26-68	1.07
10-02-58	0.39	10-15-64	1.42	09-02-70	0.64
07-28-59	0.39	09-08-66	0.87	09-14-71	0.62
10-05-60	2.95	05-24-67	0.95	10-02-74	0.62

6-6022.50 BIG WHISKEY CR NR BRONSON, IOWA
LAT 422404, LONG 961429, IN NE 1/4 SEC.
31, T.88 N., R.46 W., WOODBURY CO. (97),
AT BRIDGE, 1.5 MILES SW OF BRONSON.
DRAINAGE AREA: 62.4 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.98	08-31-61	0.98	03-26-68	1.34
10-02-58	0.06	10-15-64	0.68	09-02-70	0.97
07-28-59	0.06	09-08-66	1.37	09-14-71	0.89
10-05-60	2.64	05-24-67	1.27	10-02-74	.96

6-6023.00 WOLF CR NR HOLLY SPRINGS, IOWA
LAT 421806, LONG 960110, IN SW 1/4 SEC.
31, T.87 N., R.44 W., WOODBURY CO. (97),
AT BRIDGE, 4 MRLES NE OF HOLLY SPRINGS.
DRAINAGE AREA: 99.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	3.61	08-31-61	3.29	03-26-68	3.05
10-02-58	1.11	10-15-64	6.83	09-01-70	1.06
07-28-59	1.76	09-08-66	3.61	09-14-71	1.3
10-04-60	11.7	05-24-67	1.77	10-02-74	6.0

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

LITTLE SIOUX RIVER BASIN

6-6036.00 L SIOUX R NR MONTGOMERY, IOWA
LAT 4326XX, LONG 9515XX, IN NE 1/4 SEC.
6, T.99 N., R.37 W., DICKINSON CO. (30),
AT BRIDGE ON STATE HIGHWAY 9, 2.5 MILES SW OF
MONTGOMERY.
DRAINAGE AREA: 118. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.21	09-26-61	0.54	09-01-70	1.28
05-14-58	5.00	10-30-64	3.68	08-09-71	0.79
10-17-58	0.00	08-29-66	11.7	10-01-74	.26
08-06-59	0.42	09-12-67	0.08		
10-08-60	31.7	03-26-68	0.82		

6-6037.00 WF L SIOUX R NR LAKE PARK, IOWA
LAT 4329XX, LONG 9517XX, NEAR N 1/4
CORNER SEC.13, T.100 N., R.38 W., DICKINSON CO.
(30), AT BRIDGE, 3 MILES NE OF LAKE PARK.
DRAINAGE AREA: 116. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.77	09-26-61	0.11	09-01-70	5.93
05-15-58	4.92	10-30-64	2.26	08-09-71	1.9
10-17-58	0.00	08-29-66	1.85	10-01-74	0.
08-06-59	0.00	09-12-67	0.00		
10-08-60	41.8	03-26-68	0.06		

6-6038.00 WF L SIOUX R NR MONTGOMERY, IOWA
LAT 4325XX, LONG 9516XX, IN SW 1/4 SEC.
6, T.99 N., R.37 W., DICKINSON CO. (30),
AT BRIDGE, 4 MILES SW OF MONTGOMERY.
DRAINAGE AREA: 173. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	1.32	09-26-61	0.54	09-01-70	5.88
05-14-58	7.17	10-30-64	6.11	08-09-71	2.3
10-17-58	0.00	08-29-66	2.56	10-01-74	.39
08-06-59	0.01	09-12-67	0.01		
10-08-60	63.1	03-26-68	0.78		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

LITTLE SIOUX RIVER BASIN - CONTINUED

6-6039.00 L SIOUX R NR MILFORD, IOWA
LAT 4319XX, LONG 9511XX, NEAR CENTER OF
SEC.11, T.98 N., R.37 W., DICKINSON CO. (30),
AT BRIDGE, 1.5 MILES SW OF MILFORD.
DRAINAGE AREA: 333. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	3.92	09-26-61	2.52	09-01-70	8.97
05-15-58	16.3	10-29-64	20.3	08-09-71	7.0
10-17-58	0.00	08-29-66	14.0	10-02-74	.90
08-06-59	0.68	09-12-67	0.07		
10-08-60	116.	03-26-68	2.80		

6-6041.00 SPIRIT LAKE OUTLET AT ORLEANS, IOWA
LAT 4317XX, LONG 9506XX, IN SE 1/4 SEC.
28, T.100 N., R.36 W., DICKINSON CO. (30),
AT CULVERT IN ORLEANS.
DRAINAGE AREA: 75.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-61	0.00	03-26-68	0.00	08-06-59	0.00
10-29-64	0.00	10-01-57	0.00	10-08-60	0.00
08-29-66	0.00	05-15-57	0.00	09-01-70	0.00
09-12-67	0.02	10-17-58	0.00	08-09-71	0.00

6-6043.00 OKOBOJI LAKE OUTLET AT ARNOLDS PARK, IOWA
LAT 4322XX, LONG 9508XX, IN NE 1/4 SEC.
29, T.99 N., R.36 W., DICKINSON CO. (30),
AT BRIDGE IN ARNOLDS PARK.
DRAINAGE AREA: 125. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.00	10-08-60	0.00	03-26-68	0.00
05-15-58	0.00	09-27-61	0.00	09-01-70	0.00
10-17-58	0.00	08-29-66	0.00	08-09-71	0.00
08-06-59	0.00	09-12-67	0.00	10-02-74	0.

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

LITTLE SIOUX RIVER BASIN - CONTINUED

6-6044.00 OKOBOJI LAKE OUTLET NR MILFORD, IOWA
LAT 4319XX, LONG 9510XX, IN SW 1/4 SEC.
12, T.98 N., R.37 W., DICKINSON CO. (30),
AT BRIDGE, 1 MILE SW OF MILFORD.
DRAINAGE AREA: 151. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	0.79	10-08-60	2.31	09-12-67	3.81
05-15-58	2.58	09-26-61	1.95	03-26-68	1.95
10-17-58	0.90	10-29-64	4.62	09-01-70	0.81
08-06-59	1.46	08-29-66	1.97	08-09-71	6.9

6-6045.00 OCHEYEDAN R NR BIGELOW, MINN.
LAT 4327XX, LONG 9537XX, IN SE 1/4 SEC.
24, T.100 N., R.41 W., OSCEOLA CO. (72),
AT BRIDGE IN IOWA, 4.5 MILES SE OF BIGELOW.
DRAINAGE AREA: 68.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.23	09-26-61	0.15	09-12-67	0.03
05-14-58	0.69	10-30-64	0.54	03-26-68	0.01
10-17-58	0.00	06-15-66	1.56	09-01-70	10.2
08-06-59	0.05	07-12-66	0.27	08-09-71	0.86
10-07-60	17.3	08-29-66	0.60	10-01-74	.04

6-6046.00 L OCHEYEDAN R NR MAY CITY, IOWA
LAT 4317XX, LONG 9528XX, IN NE 1/4 SEC.
29, T.98 N., R.39 W., OSCEOLA CO. (72),
AT BRIDGE, 3 MILES SOUTH OF MAY CITY.
DRAINAGE AREA: 54.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	1.16	09-26-61	0.20	09-01-70	0.02
05-14-58	4.75	10-30-64	1.86	08-10-71	0.52
10-17-58	0.00	08-30-66	1.45	10-01-74	1.5
08-06-59	0.34	09-12-67	0.01		
10-07-60	12.8	03-26-68	0.04		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

LITTLE SIOUX RIVER BASIN - CONTINUED

6-6047.00 SCHEYEDAN R NR MAY CITY, IOWA
LAT 4316XX, LONG 9527XX, NEAR N 1/4
CORNER SEC.34, T.98 N., R.39 W., OSCEOLA CO. (72),
AT BRIDGE, 4 MILES SE OF MAY CITY.
DRAINAGE AREA: 226. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	7.55	09-26-61	5.26	09-12-67	3.79
05-14-58	17.4	10-30-64	11.0	03-26-68	2.71
10-17-58	2.63	06-15-66	28.4	09-01-70	18.2
08-06-59	5.47	07-12-66	8.08	08-10-71	12.0
10-07-60	60.9	08-29-66	6.15	10-01-74	8.6

6-6048.00 STONEY CR NR FOSTORIA, IOWA
LAT 4314XX, LONG 9520XX, IN NW 1/4 SEC.
10, T.97 N., R.38 W., CLAY CO. (21),
AT BRIDGE, 9 MILES WEST OF FOSTORIA.
DRAINAGE AREA: 65.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	1.98	09-26-61	4.16	09-02-70	1.08
05-14-58	7.48	10-30-64	8.40	08-10-71	4.1
10-17-58	0.74	08-30-66	2.26	10-02-74	1.5
08-06-59	1.17	09-12-67	0.97		
10-07-60	16.6	03-26-68	1.49		

6-6049.00 STONEY CR NR EVERLY, IOWA
LAT 430922, LONG 951458, IN NE 1/4 SEC.
7, T.96 N., R.37 W., CLAY CO. (21),
AT BRIDGE, 4 MILES SE OF EVERLY.
DRAINAGE AREA: 81.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	2.31	09-26-61	5.20	09-02-70	1.00
05-14-58	8.10	10-30-64	12.5	08-10-71	7.4
10-17-58	0.02	08-30-66	5.53	10-02-74	2.1
08-05-59	0.52	09-12-67	1.34		
10-07-60	18.5	03-26-68	1.38		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

LITTLE SIOUX RIVER BASIN - CONTINUED

6-6050.00 OCHEYEDAN R NR SPENCER, IOWA
LAT 430744, LONG 951237, IN SW 1/4 SEC.
15, T.96 N., R.37 W., CLAY CO. (21),
AT BRIDGE, 3 MILES SW OF SPENCER.
DRAINAGE AREA: 426. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-01-57	13.0	09-26-61	16.0	09-02-70	19.8
05-14-58	40.0	10-30-64	37.2	08-10-71	31.0
10-17-58	2.95	08-30-66	5.48	10-02-74	12.
08-06-59	14.9	09-12-67	6.94		
10-07-60	98.8	03-26-68	8.70		

6-6051.00 L SIOUX R AT SPENCER, IOWA
LAT 430813, LONG 950839, IN N 1/2 SEC.
18, T.96 N., R.36 W., CLAY CO. (21),
AT BRIDGE ON U. S. HIGHWAY 18 AND 71, IN SPENCER.
DRAINAGE AREA: 990. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	29.5	09-26-61	32.7	09-02-70	37.2
05-15-58	67.3	10-30-64	75.2	08-10-71	60.0
10-17-58	7.44	08-30-66	22.8	10-02-74	24.
08-05-59	28.8	09-12-67	14.4		
10-07-60	246.	03-26-68	25.9		

6-6052.00 BIG MUDDY CR NR LANGDON, IOWA
LAT 431149, LONG 950411, IN NW 1/4 SEC.
26, T.97 N., R.36 W., CLAY CO. (21),
AT BRIDGE, 1.5 MILES SE OF LANGDON.
DRAINAGE AREA: 59.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	0.61	09-26-61	1.07	09-02-70	0.83
05-15-58	4.37	10-29-64	13.9	08-10-71	2.8
10-17-58	0.30	08-30-66	3.05	10-02-74	1.1
08-05-59	0.88	09-11-67	0.67		
10-07-60	7.92	03-26-68	1.64		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

LITTLE SIOUX RIVER BASIN - CONTINUED

6-6053.00 BIG MUDDY CR NR SPENCER, IOWA
LAT 430828, LONG 950514, IN NW 1/4 SEC.
15, T.96 N., R.36 W., CLAY CO. (21),
AT BRIDGE, 3 MILES EAST OF SPENCER.
DRAINAGE AREA: 102. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	1.56	09-26-61	2.94	09-02-70	1.97
05-15-58	6.83	10-29-64	20.0	08-10-71	6.5
10-17-58	0.36	08-30-66	8.33	10-02-74	2.4
08-05-59	1.75	09-11-67	1.15		
10-07-60	10.3	03-26-68	3.43		

6-6054.00 PICKEREL RUN NR SPENCER, IOWA
LAT 4312XX, LONG 9458XX, IN NW 1/4 SEC.
27, T.97 N., R.35 W., CLAY CO. (21),
AT BRIDGE, 9 MILES NE OF SPENCER.
DRAINAGE AREA: 75.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	0.00	09-26-61	0.05	09-02-70	0.03
05-15-58	0.18	10-29-64	18.4	08-10-71	8.7
10-17-58	0.00	08-30-66	1.32	10-02-74	0.
08-05-59	0.10	09-11-67	0.04		
10-07-60	0.70	03-26-68	0.66		

6-6055.00 LOST ISLAND OUTLET NR DICKENS, IOWA
LAT 430707, LONG 950158, AT W 1/4
CORNER SEC.19, T.96 N., R.35 W., CLAY CO. (21),
AT BRIDGE, 1 MILE SOUTH OF DICKENS.
DRAINAGE AREA: 151. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	1.32	09-26-61	3.11	09-02-70	2.54
05-15-58	3.43	10-30-64	45.1	08-10-71	28.0
10-17-58	1.09	08-30-66	4.30	10-02-74	2.7
08-05-59	3.38	09-11-67	1.56		
10-07-60	3.92	03-26-68	2.08		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

LITTLE SIOUX RIVER BASIN - CONTINUED

6-6057.00 WILLOW CR NR ROSSI, IOWA
LAT 4259XX, LONG 9510XX, IN SE 1/4 SEC.
4, T.94 N., R.37 W., CLAY CO. (21),
AT BRIDGE, 2 MILES SE OF ROSSI.
DRAINAGE AREA: 62.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	0.43	09-25-61	0.58	09-01-70	0.00
05-15-58	5.67	10-30-64	2.47	08-10-71	0.00
10-17-58	0.00	08-31-66	0.47	10-02-74	0.
08-06-59	2.31	09-11-67	0.00		
10-06-60	1.23	03-26-68	0.00		

6-6058.00 WILLOW CR NR GREENVILLE, IOWA
LAT 4259XX, LONG 9509XX, NEAR CENTER OF
SEC.7, T.94 N., R.36 W., CLAY CO. (21),
AT BRIDGE, 3 MILES SOUTH OF GREENVILLE.
DRAINAGE AREA: 90.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-30-57	0.29	09-25-61	1.04	09-01-70	0.02
05-15-58	8.69	10-30-64	4.60	08-10-71	7.7
10-17-58	0.00	08-31-66	4.24	10-02-74	1.0
08-06-59	3.89	09-11-67	0.04		
10-06-60	2.34	03-26-68	0.24		

6-6059.00 WATERMAN CR NR HARTLEY, IOWA
LAT 4305XX, LONG 9527XX, IN NE 1/4 SEC.
4, T.95 N., R.39 W., O'BRIEN CO. (71),
AT BRIDGE, 6.5 MILES SE OF HARTLEY.
DRAINAGE AREA: 58.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.18	09-25-61	0.66	09-01-70	0.04
05-14-58	1.47	10-30-64	1.40	08-11-71	0.17
10-16-58	0.01	08-31-66	0.59	10-03-74	.91
08-13-59	0.16	09-11-67	0.01		
10-06-60	3.74	03-26-68	0.03		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

LITTLE SIOUX RIVER BASIN - CONTINUED

6-6060.00 WATERMAN CR NR SUTHERLAND, IOWA
LAT 4257XX, LONG 9525XX, NEAR CENTER OF
SEC.23, T.94 N., R.39 W., O'BRIEN CO. (71),
AT BRIDGE, 4.5 MILES SE OF SUTHERLAND.
DRAINAGE AREA: 139. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-03-57	1.10	09-25-61	2.16	09-01-70	0.18
05-14-58	8.79	10-30-64	4.18	08-11-71	5.1
10-16-58	0.15	08-31-66	9.34	10-03-74	4.4
08-13-59	1.17	09-11-67	0.45		
10-06-60	6.87	03-26-68	0.31		

6-6061.00 L SIOUX R NR SUTHERLAND, IOWA
LAT 4256XX, LONG 9525XX, IN NW 1/4 SEC.
26, T.94 N., R.39 W., O'BRIEN CO. (71),
AT BRIDGE, 5 MILES SE OF SUTHERLAND.
DRAINAGE AREA: 1803. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-03-57	37.2	09-25-61	79.6	09-01-70	59.6
05-14-58	152.	10-29-64	216.	08-11-71	185.0
10-16-58	1.83	08-31-66	42.7	10-03-74	44.
08-13-59	55.9	09-11-67	26.9		
10-06-60	390.	03-26-68	47.5		

6-6062.00 MILL CR NR PAULINA, IOWA
LAT 430134, LONG 954237, NEAR N 1/4
CORNER SEC.29, T.95 N., R.41 W., O'BRIEN CO. (71),
AT BRIDGE, 3 MILES NW OF PAULINA.
DRAINAGE AREA: 61.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-02-57	0.19	09-25-61	1.78	09-01-70	0.00
05-14-58	1.74	10-30-64	0.71	08-11-71	0.25
10-16-58	0.00	08-31-66	0.15	10-03-74	0.
08-13-59	0.06	09-11-67	0.00		
10-06-60	6.13	03-26-68	0.37		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

LITTLE SIOUX RIVER BASIN - CONTINUED

6-6063.00 MILL CR NR CHEROKEE, IOWA
LAT 4247XX, LONG 9533XX, NEAR CENTER OF
SEC.15, T.92 N., R.40 W., CHEROKEE CO. (18),
AT BRIDGE ON U. S. HIGHWAY 59, 2 MILES NORTH OF
CHEROKEE.
DRAINAGE AREA: 292. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
04-15-58	41.0	09-25-61	47.6	09-01-70	2.50
05-14-58	12.9	10-29-64	13.6	08-11-71	13.0
10-16-58	0.89	08-31-66	9.41	10-03-74	0.32
08-13-59	16.3	09-11-67	2.31		
10-06-60	28.0	03-26-68	6.24		

6-6064.00 L SIOUX R AT CHEROKEE, IOWA
LAT 4245XX, LONG 9532XX, IN E 1/2 SEC.
26, T.92 N., T.40 W., CHEROKEE CO. (18),
AT BRIDGE NEAR EAST CITY LIMITS OF CHEROKEE.
DRAINAGE AREA: 2173. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
04-15-58	411.	09-25-61	131.	03-26-68	55.7
05-13-58	212.	10-01-63	54.8	09-01-70	73.6
10-16-58	3.63	10-29-64	244.	08-11-71	240.0
08-13-59	98.9	08-31-66	83.9	10-03-74	75.
10-06-60	441.	09-11-67	35.0		

6-6065.00 PIERSON CR NR CORRECTIONVILLE, IOWA
LAT 4229XX, LONG 9548XX, IN NE 1/4 SEC.
33, T.89 N., R.42 W., WOODBURY CO. (97),
AT BRIDGE, 1 MILE NW OF CORRECTIONVILLE.
DRAINAGE AREA: 55.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	3.74	08-30-61	4.64	03-26-68	2.10
10-02-58	0.01	10-15-64	3.02	09-01-70	0.35
07-28-59	2.68	09-08-66	1.57	10-02-74	3.5
10-04-60	7.27	05-24-67	0.99		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

LITTLE SIOUX RIVER BASIN - CONTINUED

6-6068.00 MAPLE R NR AURELIA, IOWA
LAT 4243XX, LONG 9529XX, IN NW 1/4 SEC.
8, T.91 N., R.39 W., CHEROKEE CO. (18),
AT BRIDGE, 2 MILES NW OF AURELIA.
DRAINAGE AREA: 85.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
04-15-58	17.4	09-25-61	6.45	09-01-70	0.15
05-13-58	5.75	10-29-64	0.29	08-11-71	2.6
10-16-58	0.03	08-31-66	0.65	10-03-74	1.4
08-13-59	5.71	09-11-67	0.21		
10-06-60	5.41	03-26-68	0.29		

6-6069.00 MAPLE R NR IDA GROVE, IOWA
LAT 422155, LONG 952727, IN NW 1/4 SEC.
12, T.87 N., R.40 W., IDA CO. (47),
AT BRIDGE, 1 MILE NE OF IDA GROVE.
DRAINAGE AREA: 364. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	12.6	10-29-63	20.8	03-26-68	13.6
10-02-58	5.22	10-15-64	14.3	09-01-70	9.32
07-28-59	27.9	09-08-66	22.4	09-14-71	14.0
10-04-60	39.8	05-24-67	12.2	10-01-74	30.
09-31-61	45.1	09-11-67	21.0		

6-6071.00 ODEBOLT CR AT IDA GROVE, IOWA
LAT 422049, LONG 952803, NEAR CENTER OF
SEC.14, T.87 N., R.40 W., IDA CO. (47),
AT BRIDGE IN IDA GROVE.
DRAINAGE AREA: 61.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	2.10	10-15-64	6.16	09-01-70	2.93
10-02-58	2.18	09-08-66	7.76	09-14-71	1.5
07-28-59	6.47	05-24-67	2.57	10-01-74	7.6
10-04-60	6.34	09-11-67	6.69		
08-31-61	7.00	03-26-68	3.91		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

LITTLE SIOUX RIVER BASIN - CONTINUED

6-6074.00 MAPLE R NR TURIN, IOWA
LAT 4201XX, LONG 9558XX, IN SW 1/4 SEC.
10, T.83 N., R.44 W., MONONA CO. (67),
AT BRIDGE, 1 MILE SE OF TURIN.
DRAINAGE AREA: 741. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	31.0	08-30-61	100.	09-02-70	31.9
09-30-58	16.2	10-15-64	51.2	09-14-71	36.0
07-27-59	37.4	09-08-66	65.6	10-01-74	90.
09-07-60	121.	05-24-67	34.9		
10-04-60	105.	03-26-68	43.4		

SOLDIER RIVER BASIN

6-6083.00 SOLDIER R NR RICKETTS, IOWA
LAT 4212XX, LONG 9535XX, IN SW 1/4 SEC.
1, T.85 N., R.41 W., CRAWFORD CO. (24),
AT BRIDGE, 5 MILES NORTH OF RICKETTS.
DRAINAGE AREA: 90.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	2.04	10-15-64	13.4	09-01-70	4.57
10-02-58	1.89	09-08-66	13.0	08-11-71	3.8
07-28-59	7.61	05-24-67	3.24	10-01-74	15.
10-04-60	9.62	03-26-68	7.53		
08-30-61	6.62	07-22-70	8.43		

6-6083.50 SOLDIER R NR UTE, IOWA
LAT 4203XX, LONG 9543XX, IN SE 1/4 SEC.
34, T.84 N., R.42 W., MONONA CO. (67),
AT BRIDGE ON STATE HIGHWAY 183, 1 MILE SW OF UTE.
DRAINAGE AREA: 155.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	5.77	10-15-64	22.9	09-01-70	7.30
10-03-58	3.73	09-08-66	18.3	08-11-71	6.1
07-27-59	6.47	05-24-67	8.70	10-01-74	25.
10-05-60	22.7	03-26-68	13.5		
08-30-61	12.9	07-22-70	11.1		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

SOLDIER RIVER BASIN - CONTINUED

6-6084.00 E SOLDIER R NR UTE, IOWA
LAT 4203XX, LONG 9542XX, IN SW 1/4 SEC.
35, T.84 N., R.42 W., MONONA CO. (67),
AT BRIDGE NEAR SW CITY LIMITS OF UTE.
DRAINAGE AREA: 97.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	6.29	10-15-64	16.4	09-01-70	2.95
10-03-58	3.05	09-08-66	5.24	08-11-71	3.1
07-27-59	4.09	05-24-67	3.06	10-01-74	12.
10-05-60	15.8	03-26-68	7.20		
08-30-61	8.68	07-22-70	4.98		

ALLEN CREEK BASIN

6-6092.20 ALLEN CREEK NR LOVELAND, IOWA
LAT 4129XX, LONG 9555XX, IN NE 1/4 SEC.
17, T.77 N., R.44 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 2 MILES SW OF LOVELAND.
DRAINAGE AREA: 92.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	0.70	08-30-61	2.07	03-27-68	3.57
10-01-58	0.00	10-14-64	8.70	08-26-70	0.00
07-28-59	5.76	09-08-66	4.59	08-18-71	0.00
10-04-60	6.03	05-25-67	1.62	10-03-74	2.5

BOYER RIVER BASIN

6-6092.60 BOYER R NR EARLY, IOWA
LAT 4228XX, LONG 9511XX, IN NE 1/4 SEC.
6, T.88 N., R.37 W., SAC CO. (81),
AT BRIDGE ON U.S. HIGHWAY 20, 2 MILES NW OF EARLY.
DRAINAGE AREA: 67.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	1.48	10-15-63	3.56	08-26-70	1.05
10-01-58	0.37	10-12-64	6.72	08-17-71	3.1
07-28-59	2.49	09-08-66	1.90	10-01-74	4.2
10-04-60	4.96	05-24-67	3.35		
08-31-61	2.42	03-26-68	2.52		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

BOYER RIVER BASIN - CONTINUED

6-6093.00 E BOYER R AT VAIL, IOWA
LAT 4204XX, LONG 9512XX, IN E 1/2 SEC.
30, T.84 N., R.37 W., CRAWFORD CO. (24),
AT BRIDGE NEAR EAST CITY LIMITS OF VAIL.
DRAINAGE AREA: 65.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	3.47	10-15-63	9.15	08-26-70	3.77
10-01-58	2.16	10-13-64	7.41	08-17-71	2.9
07-27-59	8.33	09-08-66	4.92	10-01-74	11.
10-04-60	6.02	05-24-67	1.07		
08-30-61	9.23	03-26-68	3.11		

6-6093.50 E BOYER R AT DENISON, IOWA
LAT 4201XX, LONG 9522XX, IN SE 1/4 SEC.
10, T.83 N., R.39 W., CRAWFORD CO. (24),
AT BRIDGE ON U.S. HIGHWAY 30, NEAR WEST CITY
LIMITS OF DENISON.
DRAINAGE AREA: 130.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	8.04	10-15-63	16.4	08-26-70	6.47
10-01-58	4.54	10-13-64	16.4	08-17-71	6.2
07-27-59	13.0	09-08-66	10.9	10-01-74	24.
10-04-60	13.9	05-24-67	3.05		
08-30-61	22.0	03-26-68	7.33		

6-6094.00 BOYER R NR DENISON, IOWA
LAT 4200XX, LONG 9523XX, IN NE 1/4 SEC.
16, T.83 N., R.39 W., CRAWFORD CO. (24),
AT BRIDGE, 2 MILES SW OF DENISON.
DRAINAGE AREA: 517.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	20.2	10-15-63	48.4	08-26-70	17.9
10-01-58	7.79	10-13-64	52.2	08-17-71	20.0
07-27-59	29.4	09-08-66	40.8	10-01-74	66.
10-04-60	58.2	05-24-67	12.9		
08-30-61	71.5	03-26-68	26.9		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

BOYER RIVER BASIN - CONTINUED

6-6095.50 BOYER R NR MISSOURI VALLEY, IOWA
LAT 4131XX, LONG 9554XX, IN SE 1/4 SEC.
28, T.78 N., R.44 W., HARRISON CO. (43),
AT BRIDGE, 2 MILES SOUTH OF MISSOURI VALLEY.
DRAINAGE AREA: 1081.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	43.3	08-30-61	90.8	03-27-68	67.8
09-30-58	27.6	10-14-64	108.	08-26-70	35.8
07-28-59	78.9	09-08-66	63.0	08-18-71	31.0
10-04-60	98.2	05-25-67	26.2	10-03-74	123.

6-6095.80 WILLOW CR NR WOODBINE, IOWA
LAT 4148XX, LONG 9545XX, IN NE 1/4 SEC.
29, T.81 N., R.42 W., HARRISON CO. (43),
AT BRIDGE, 5.5 MILES NW OF WOODBINE.
DRAINAGE AREA: 67.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	1.26	08-30-61	6.28	03-27-68	8.29
10-01-58	2.42	10-14-64	10.1	08-26-70	1.10
07-28-59	6.21	09-08-66	3.59	08-17-71	1.4
10-04-60	9.73	05-25-67	3.37	10-02-74	7.5

6-6096.00 WILLOW CR NR LOGAN, IOWA
LAT 4138XX, LONG 9553XX, IN NE 1/4 SEC.
30, T.79 N., R.43 W., HARRISON CO. (43),
AT BRIDGE, 5 MILES WEST OF LOGAN.
DRAINAGE AREA: 129.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	3.94	08-30-61	11.5	03-26-68	17.6
09-30-58	4.69	10-04-64	16.7	08-26-70	3.11
07-28-59	12.6	09-08-66	7.66	08-17-71	3.3
10-04-60	18.0	05-25-67	5.39		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

BOYER RIVER BASIN - CONTINUED

6-6096.20 WILLOW CR NR MISSOURI VALLEY, IOWA
LAT 4131XX, LONG 9554XX, IN SE 1/4 SEC.
28, T.78 N., R.44 W., HARRISON CO. (43),
AT BRIDGE, 2 MILES SOUTH OF MISSOURI VALLEY.
DRAINAGE AREA: 146.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	4.63	08-30-61	11.1	03-27-68	15.7
09-30-58	6.18	10-14-64	17.2	08-26-70	2.01
07-28-59	13.5	09-08-66	9.59	08-18-71	1.9
10-04-60	16.9	05-25-67	5.55		

6-6096.70 BOYER R NR LOVELAND, IOWA
LAT 412758, LONG 955437, IN CENTER OF
SEC.4, T.77 N., R.44 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 1 MILE WEST OF LOVELAND.
DRAINAGE AREA: 1084.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	81.0	08-30-61	112.	03-27-68	84.7
10-01-58	35.9	10-14-64	120.	08-26-70	42.5
07-28-59	88.0	09-08-66	72.3	08-17-71	0.00
10-04-60	128.	05-25-67	38.2	10-03-74	131.

PIGEON CREEK BASIN

6-6099.00 PIGEON CR EAST OF LOVELAND, IOWA
LAT 412838, LONG 954213, IN SW 1/4 SEC.
8, T.77 N., R.42 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 10 MILES SE OF LOVELAND.
DRAINAGE AREA: 66.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	2.18	08-31-61	6.51	05-24-67	2.11
10-16-58	4.97	11-06-63	3.80	06-18-68	0.72
10-20-59	4.88	10-28-64	5.68	07-23-70	1.76
09-15-60	7.06	08-30-66	7.82	08-18-71	1.1

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

PIGEON CREEK BASIN - CONTINUED

6-6099.50 PIGEON CR NR CRESCENT, IOWA
LAT 411947, LONG 955319, IN NE 1/4 SEC.
3, T.75 N., R.44 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 3 MILES SW OF CRESCENT.
DRAINAGE AREA: 163.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	4.70	08-30-61	11.0	05-25-67	6.58
11-12-58	13.3	11-06-63	8.47	06-18-68	4.22
10-21-59	10.2	10-28-64	14.2	07-23-70	2.19
09-16-60	28.9	08-30-66	23.0	08-18-71	4.1

MOSQUITO CREEK BASIN

6-6105.50 MOSQUITO CR AT PORTSMOUTH, IOWA
LAT 4139XX, LONG 9531XX, IN SW 1/4 SEC.
16, T.79 N., R.40 W., SHELBY CO. (83),
AT BRIDGE ON STATE HIGHWAY 64, NEAR EAST CITY
LIMITS OF PORTSMOUTH.
DRAINAGE AREA: 63.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	4.37	08-31-61	10.5	05-23-67	0.99
10-16-58	5.35	11-05-63	4.00	06-18-68	1.16
10-20-59	4.86	10-26-64	8.45	07-23-70	2.80
09-15-60	9.93	08-29-66	5.63	08-17-71	0.88

6-6106.00 MOSQUITO CR AT NEOLA, IOWA
LAT 412709, LONG 953637, IN NE 1/4 SEC.
19, T.77 N., R.42 W., POTTAWATAMIE CO. (78),
AT BRIDGE ON COUNTY ROAD S, 0.5 MILE SOUTH OF
NEOLA.
DRAINAGE AREA: 131. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	8.21	08-31-61	19.6	05-24-67	3.64
10-16-58	12.6	11-06-63	8.53	06-18-68	3.53
10-20-59	11.1	10-28-64	14.9	07-23-70	4.35
09-15-60	26.1	08-30-66	15.0	08-17-71	3.5

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

MOSQUITO CREEK BASIN - CONTINUED

6-6106.50 MOSQUITO CR NR COUNCIL BLUFFS, IOWA
LAT 411609, LONG 954822, IN E 1/2 SEC.
29, T.75 N., R.43 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 3 MILES EAST OF COUNCIL BLUFFS.
DRAINAGE AREA: 211.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-04-56	2.13	09-01-61	26.3	05-23-67	8.98
11-12-58	18.4	11-06-63	13.5	06-18-68	10.1
10-21-59	21.1	10-27-64	27.3	07-23-70	8.64
09-16-60	38.2	08-30-66	27.8	08-17-71	10.0

KEG CREEK BASIN

6-8057.00 KEG CR AT MINDEN, IOWA
LAT 412757, LONG 953215, IN SE 1/4 SEC.
15, T.77 N., R.41 W., POTTAWATAMIE CO. (78),
AT BRIDGE, AT EAST CITY LIMITS OF MINDEN.
DRAINAGE AREA: 59.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	3.52	09-01-61	8.25	05-23-67	1.68
10-16-58	7.09	11-06-63	2.15	06-19-68	1.32
10-20-59	5.87	10-28-64	4.15	07-23-70	1.85
09-15-60	14.1	08-30-66	6.00	08-17-71	1.3

6-8058.00 KEG CR NR DUMFRIES, IOWA
LAT 411120, LONG 954059, IN NW 1/4 SEC.
28, T.74 N., R.42 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 3 MILES NE OF DUMFRIES.
DRAINAGE AREA: 131.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	7.73	09-01-61	17.8	06-18-68	7.69
05-15-58	17.7	11-06-63	9.63	07-23-70	5.67
10-10-58	17.5	10-27-64	10.1	08-17-71	8.8
10-20-59	11.2	08-31-66	18.0		
09-16-60	33.4	05-23-67	6.80		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

KEG CREEK BASIN - CONTINUED

6-8059.00 KEG CR NR GLENWOOD, IOWA
LAT 410056, LONG 954559, IN NE 1/4 SEC.
27, T.72 N., R.43 W., MILLS CO. (65),
AT BRIDGE, 2 MILES SW OF GLENWOOD.
DRAINAGE AREA: 190.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	6.96	08-30-61	24.2	06-19-68	11.2
05-14-58	17.1	11-05-63	15.8	07-23-70	10.9
10-15-58	20.1	10-27-64	20.2	08-17-71	15.0
10-20-59	19.1	08-30-66	30.9		
09-16-60	47.2	05-23-67	9.78		

NISHNABOTNA RIVER BASIN

6-8072.60 W NISHNABOTNA R NR MANNING, IOWA
LAT 4153XX, LONG 9505XX, IN NW 1/4 SEC.
31, T.82 N., R.26 W., CARROLL CO. (14),
AT BRIDGE, 3 MILES SW OF MANNING.
DRAINAGE AREA: 58.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	5.27	08-31-61	12.2	05-23-67	0.23
10-23-58	4.96	11-05-63	3.51	06-18-68	0.32
10-20-59	1.63	10-26-64	6.42	08-30-71	5.2
09-15-60	5.56	08-29-66	4.09		

6-8072.80 WF W NISHNABOTNA R MANILLA, IOWA
LAT 4152XX, LONG 9515XX, NEAR W 1/4
CORNER SEC.35, T.82 N., R.38 W., CRAWFORD CO. (24),
AT BRIDGE, 1 MILE SOUTH OF MANILLA.
DRAINAGE AREA: 64.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-15-60	6.60	10-26-64	7.31	06-18-68	1.52
08-31-61	16.6	08-29-66	5.53	08-30-71	1.4
11-05-63	6.25	05-23-67	1.13		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NISHNABOTNA RIVER BASIN - CONTINUED

6-8073.00 WF W NISHNABOTNA R AT HARLAN, IOWA
LAT 4140XX, LONG 9518XX, IN NE 1/4 SEC.
7, T.79 N., R.38 W., SHELBY CO. (83),
AT BRIDGE NEAR NE CITY LIMITS OF HARLAN.
DRAINAGE AREA: 146.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	9.97	08-31-61	34.3	05-23-67	4.95
10-09-58	9.18	11-05-63	11.5	06-18-68	3.61
10-20-59	8.16	10-28-64	18.0	08-30-71	2.6
09-15-60	25.9	08-29-66	14.7		

6-8073.20 W NISHNABOTNA R AT HARLAN, IOWA
LAT 4138XX, LONG 9518XX, IN NE 1/4 SEC.
19, T.79 N., R.38 W., SHELBY CO. (83),
AT BRIDGE ON STATE HIGHWAY 64, NEAR EAST CITY
LIMITS OF HARLAN.
DRAINAGE AREA: 316.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	20.1	08-31-61	65.5	05-23-67	11.8
10-09-58	27.7	11-05-63	25.3	06-18-68	8.67
10-20-59	17.3	10-28-64	40.3	08-30-71	7.1
09-15-60	52.0	08-29-66	31.9		

6-8073.40 W NISHNABOTNA R AT AVOCA, IOWA
LAT 412810, LONG 952114, IN NE 1/4 SEC.
17, T.77 N., R.39 W., POTTAWATAMIE CO. (78),
AT BRIDGE ON STATE HIGHWAY 83, NEAR WEST CITY
LIMITS OF AVOCA.
DRAINAGE AREA: 357.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
05-09-57	8.57	09-15-60	70.7	08-30-66	40.3
09-23-57	28.0	09-01-61	70.2	05-23-67	11.7
10-16-58	32.7	11-06-63	28.1	06-19-68	9.90
10-20-59	21.3	10-28-64	50.4	08-31-71	9.9

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NISHNABOTNA RIVER BASIN - CONTINUED

6-8073.60 EB W NISHNABOTNA R NR RED LINE, IOWA
LAT 4144XX, LONG 9506XX, IN NE 1/4 SEC.
13, T.80 N., R.37 W., SHELBY CO. (83),
AT BRIDGE ON STATE HIGHWAY 64, 3 MILES NE OF
RED LINE.
DRAINAGE AREA: 70.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	2.79	08-31-61	8.32	05-23-67	0.80
10-09-58	8.80	11-05-63	3.44	06-18-68	1.01
10-20-59	2.96	10-26-64	10.0	08-30-71	1.1
09-15-60	18.3	08-29-66	4.25		

6-8073.80 EB W NISHNABOTNA R NR JACKSONVILLE, IOWA
LAT 4139XX, LONG 9514XX, IN NE 1/4 SEC.
23, T.79 N., R.38 W., SHELBY CO. (83),
AT BRIDGE, 4 MILES WEST OF JACKSONVILLE.
DRAINAGE AREA: 151.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	8.30	08-31-61	20.2	05-23-67	3.16
10-09-58	20.2	11-05-63	9.49	06-18-68	2.05
10-20-59	8.63	10-28-64	22.8	08-30-71	4.0
09-15-60	44.2	08-29-66	11.2		

6-8074.00 EB W NISHNABOTNA R AT AVOCA, IOWA
LAT 412835, LONG 951947, IN NE 1/4 SEC.
16, T.77 N., R.39 W., POTTAWATAMIE CO. (78),
AT BRIDGE ON STATE HIGHWAY 83 IN AVOCA.
DRAINAGE AREA: 223.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	13.7	09-15-60	58.8	08-30-66	17.5
05-09-57	7.91	09-01-61	32.6	05-23-67	4.62
10-16-58	33.4	11-06-63	11.3	06-19-68	2.36
10-20-59	16.7	10-28-64	29.0	08-31-71	5.4

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NISHNABOTNA RIVER BASIN - CONTINUED

6-8074.20 GRAYBILL CR NR MACEDONIA, IOWA
LAT 4111XX, LONG 9523XX, IN SE 1/4 SEC.
25, T.74 N., R.40 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 2 MILES SE OF MACEDONIA.
DRAINAGE AREA: 52.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	3.32	09-16-60	13.6	08-30-66	5.64
05-15-58	6.39	09-01-61	5.71	05-23-67	1.80
10-10-58	11.1	11-06-63	2.12	06-18-68	1.54
10-20-59	11.7	10-27-64	6.84	08-31-71	1.6

6-8074.40 FARM CR NR MACEDONIA, IOWA
LAT 4110XX, LONG 9523XX, IN SE 1/4 SEC.
36, T.74 N., R.40 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 3 MILES SE OF MACEDONIA.
DRAINAGE AREA: 104.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	4.11	09-16-60	32.8	05-23-67	4.80
05-15-58	12.4	09-01-61	11.7	06-18-68	4.84
10-10-58	19.0	11-06-63	5.66	08-31-71	4.4
10-20-59	6.10	08-30-66	13.7		

6-8074.80 INDIAN CR NR HASTINGS, IOWA
LAT 410151, LONG 953004, IN SE 1/4 SEC.
13, T.72 N., R.41 W., MILLS CO. (65),
AT BRIDGE, 0.5 MILE NORTH OF HASTINGS.
DRAINAGE AREA: 67.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.97	09-15-60	21.3	08-29-66	5.10
05-14-58	6.49	08-30-61	12.4	05-23-67	1.92
10-15-58	12.1	11-05-63	3.24	06-18-68	1.89
10-20-59	9.41	10-27-64	8.50	08-31-71	0.75

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NISHNABOTNA RIVER BASIN - CONTINUED

6-8075.00 W NISHNABOTNA R AT WHITE CLOUD, IOWA
LAT 405914, LONG 953140, IN NW 1/4 SEC.
2, T.71 N., R.41 W., MILLS CO. (65),
AT BRIDGE, 0.5 MILE NW OF WHITE CLOUD.
DRAINAGE AREA: 967.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	29.7	09-15-60	258.	08-19-66	115.
05-14-58	111.	08-30-61	188.	05-23-67	44.1
10-15-58	142.	11-05-63	72.4	06-18-68	49.3
10-20-59	90.8	10-27-64	138.	08-31-71	41.0

6-8075.50 W NISHNABOTNA R NR MALVERN, IOWA
LAT 405730, LONG 953322, IN NW 1/4 SEC.
15, T.71 N., R.41 W., MILLS CO. (65),
AT BRIDGE, 3.5 MILES SE OF MALVERN.
DRAINAGE AREA: 974.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	30.4	09-15-60	264.	08-29-66	120.
05-14-58	113.	08-30-61	185.	05-23-67	45.1
10-15-58	153.	11-05-63	76.9	06-18-68	53.6
10-20-59	94.6	10-27-64	142.	08-31-71	42.0

6-8076.00 SILVER CR NR AVOCA, IOWA
LAT 412507, LONG 952653, IN NE 1/4 SEC.
4, T.76 N., R.40 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 7 MILES SW OF AVOCA.
DRAINAGE AREA: 59.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	5.57	09-01-61	8.88	05-23-67	0.82
10-16-58	9.41	11-06-63	2.20	06-19-68	1.59
10-20-59	5.45	10-28-64	5.76	08-31-71	0.91
09-15-60	15.9	08-30-66	5.56		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NISHNABOTNA RIVER BASIN - CONTINUED

6-8076.50 SILVER CR NR TREYNOR, IOWA
LAT 411042, LONG 953434, IN SW 1/4 SEC.
28, T.74 N., R.41 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 4 MILES SE OF TREYNOR.
DRAINAGE AREA: 115.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	8.20	09-16-60	36.7	08-30-66	13.6
05-15-58	25.6	09-01-61	16.5	05-23-67	5.82
10-10-58	22.4	11-06-63	6.43	06-18-68	4.75
10-20-59	18.8	10-27-64	13.6	08-31-71	6.9

6-8078.00 M SILVER CR NR TREYNOR, IOWA
LAT 411041, LONG 953600, IN SE 1/4 SEC.
30, T.74 N., R.41 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 4 MILES SOUTH OF TREYNOR.
DRAINAGE AREA: 74.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-23-57	2.66	09-16-60	27.7	08-30-66	10.5
05-15-58	7.79	09-02-61	8.77	05-23-67	3.32
10-10-58	12.6	11-06-63	8.09	06-18-68	6.30
10-20-59	9.31	10-27-64	9.18	08-31-71	5.5

6-8079.00 SILVER CR NR MALVERN, IOWA
LAT 405656, LONG 953420, IN SW 1/4 SEC.
16, T.71 N., R.41 W., MILLS CO. (65),
AT BRIDGE, 4 MILES SOUTH OF MALVERN.
DRAINAGE AREA: 282. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	12.6	09-15-60	96.8	08-29-66	35.9
05-14-58	26.3	08-30-61	42.3	05-23-67	17.1
10-15-58	44.6	11-05-63	23.0	06-18-68	17.9
10-20-59	39.1	10-27-64	34.8	08-31-71	21.0

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NISHNABOTNA RIVER BASIN - CONTINUED

6-8086.00 WALNUT CR NR GRISWOLD, IOWA
LAT 4117XX, LONG 9513XX, IN NW 1/4 SEC.
22, T.74 N., R.38 W., POTTAWATAMIE CO. (78),
AT BRIDGE, 5 MILES NW OF GRISWOLD.
DRAINAGE AREA: 61.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	5.91	09-16-60	13.2	08-30-66	4.76
05-15-58	12.1	09-01-60	4.41	05-23-67	1.18
10-16-58	17.3	11-06-63	0.68	06-19-68	1.20
10-20-59	5.15	10-28-64	6.00	08-31-71	0.65

6-8087.00 WALNUT CR NR HAWTHORNE, IOWA
LAT 4058XX, LONG 9522XX, IN NW 1/4 SEC.
17, T.71 N., R.39 W., MONTGOMERY CO. (69),
AT BRIDGE, 3 MILES SW OF HAWTHORNE.
DRAINAGE AREA: 140. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	8.10	09-15-60	34.2	08-29-66	12.7
05-14-58	20.5	08-30-61	17.7	05-23-67	2.53
10-14-58	29.6	11-05-63	2.92	06-18-68	3.15
10-20-59	14.8	10-26-64	16.3	08-31-71	1.7

6-8088.00 WALNUT CR NR RANDOLPH, IOWA
LAT 404739, LONG 953325, NEAR E 1/4
CORNER SEC.9, T.69 N., R.41 W., FREMONT CO. (36),
AT BRIDGE, 5.5 MILES SOUTH OF RANDOLPH.
DRAINAGE AREA: 222. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	5.23	09-15-60	56.0	08-29-66	17.2
05-14-58	24.0	08-30-61	32.1	05-23-67	5.89
10-17-58	34.2	11-05-63	15.1	06-18-68	5.17
10-20-59	42.1	10-27-64	29.5	08-31-71	2.8

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NISHNABOTNA RIVER BASIN - CONTINUED

6-8088.50 E NISHNABOTNA R NR AUDUBON, IOWA
LAT 4147XX, LONG 9451XX, IN NW 1/4 SEC.
6, T.80 N., R.34 W., AUDUBON CO. (05),
AT BRIDGE, 5 MILES NE OF AUDUBON.
DRAINAGE AREA: 66.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	2.27	09-15-60	11.3	08-29-66	3.99
05-12-58	10.0	08-31-61	10.2	05-23-67	0.87
10-13-59	3.75	11-05-63	3.25	06-18-68	1.23
10-20-59	2.72	10-26-64	7.15	08-30-71	0.72

6-8089.00 E NISHNABOTNA R AT EXIRA, IOWA
LAT 4135XX, LONG 9454XX, IN NW 1/4 SEC.
4, T.78 N., R.35 W., AUDUBON CO. (05),
AT BRIDGE AT WEST CITY LIMITS OF EXIRA.
DRAINAGE AREA: 195. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	7.46	09-15-60	31.5	08-29-66	13.9
05-12-58	19.6	08-31-61	19.6	05-23-67	2.38
10-13-58	15.9	11-06-63	7.35	06-18-68	2.99
10-20-59	7.29	10-27-64	15.8	08-30-71	2.9

6-8090.50 DAVIDS CR AT EXIRA, IOWA
LAT 4135XX, LONG 9453XX, IN NE 1/4 SEC.
4, T.78 N., R.35 W., AUDUBON CO. (05),
AT BRIDGE NEAR EAST CITY LIMITS OF EXIRA.
DRAINAGE AREA: 56.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	2.84	09-15-60	17.0	08-29-66	5.38
05-12-58	9.55	08-31-61	6.38	05-23-67	0.99
10-13-58	2.41	11-05-63	2.09	06-18-68	0.82
10-20-59	4.43	10-27-64	9.12	08-30-71	1.5

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NISHNABOTNA RIVER BASIN - CONTINUED

6-8091.00 TROUBLESOME CR NR WIOTA, IOWA
LAT 4130XX, LONG 9451XX, IN NW 1/4 SEC.
2, T.77 N., R.35 W., CASS CO. (15),
AT BRIDGE, 7.5 MILES NE OF WIOTA.
DRAINAGE AREA: 68.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	3.64	09-15-60	7.23	08-29-66	2.10
05-13-58	10.0	08-31-61	2.52	05-23-67	0.35
10-15-58	22.0	11-06-63	1.25	06-18-68	0.48
10-20-59	4.50	10-27-64	11.6	08-30-71	0.92

6-8091.50 TROUBLESOME CR NR ATLANTIC, IOWA
LAT 4125XX, LONG 9458XX, IN NE 1/4 SEC.
3, T.76 N., R.36 W., CASS CO. (15),
AT BRIDGE, 2 MILES NE OF ATLANTIC.
DRAINAGE AREA: 128. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	8.07	09-15-60	18.5	08-30-66	7.00
05-13-58	17.8	08-31-61	9.06	05-23-67	3.84
10-15-58	39.9	11-06-63	4.61	06-18-68	2.56
10-21-59	9.58	10-27-64	25.3	08-30-71	4.4

6-8092.00 E NISHNABOTNA R AT ATLANTIC, IOWA
LAT 4124XX, LONG 9502XX, IN SE 1/4 SEC.
6, T.76 N., R.36 W., CASS CO. (15),
AT BRIDGE ON STATE HIGHWAY 83, NEAR WEST CITY
LIMITS OF ATLANTIC.
DRAINAGE AREA: 382. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	27.5	09-15-60	77.0	08-30-66	29.7
05-13-58	58.1	08-31-61	42.1	05-23-67	12.2
10-15-58	95.7	11-06-63	19.5	06-18-68	10.8
10-21-59	35.1	10-27-64	59.5	08-30-71	15.0

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NISHNABOTNA RIVER BASIN - CONTINUED

6-8092.50 TURKEY CR EAST OF ATLANTIC, IOWA
LAT 4123XX, LONG 9455XX, IN SE 1/4 SEC.
7, T.76 N., R.35 W., CASS CO. (15),
AT BRIDGE, 3 MILES SE OF ATLANTIC.
DRAINAGE AREA: 69.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	1.48	09-15-60	5.68	08-30-66	1.24
05-13-58	5.05	08-31-61	1.53	05-23-67	0.83
10-15-58	10.3	11-06-63	0.86	06-18-68	0.67
10-21-59	2.61	10-27-64	7.32	08-30-71	0.48

6-8093.00 TURKEY CR NR ATLANTIC, IOWA
LAT 4119XX, LONG 9404XX, NEAR CENTER OF
SEC.2, T.75 N., R.37 W., CASS CO. (15),
AT BRIDGE, 6 MILES SW OF ATLANTIC.
DRAINAGE AREA: 133. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	3.69	09-15-60	14.0	08-30-66	4.92
05-13-58	6.55	09-01-61	3.22	05-23-67	2.04
10-15-58	19.8	11-06-63	1.56	06-19-68	1.37
10-20-59	6.30	10-27-64	12.8	08-31-71	1.2

6-8093.30 E NISHNABOTNA R NR LEWIS, IOWA
LAT 4119XX, LONG 9505XX, IN NE 1/4 SEC.
10, T.75 N., R.37 W., CASS CO. (15),
AT BRIDGE ON U.S. HIGHWAY 6, 1 MILE NORTH OF
LEWIS.
DRAINAGE AREA: 574. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	36.9	09-15-60	109.	08-30-66	41.8
05-13-58	67.1	08-31-61	48.3	05-23-67	14.8
10-15-58	122.	11-06-63	22.3	06-19-68	12.7
10-20-59	39.4	10-27-64	84.6	08-31-71	16.0

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NISHNABOTNA RIVER BASIN - CONTINUED

6-8093.50 INDIAN CR NR ELKHORN, IOWA
LAT 4133XX, LONG 9508XX, IN N 1/2 SEC.
20, T.78 N., R.37 W., SHELBY CO. (83),
AT BRIDGE, 5 MILES SW OF ELKHORN.
DRAINAGE AREA: 67.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	1.16	08-30-61	11.3	05-23-67	0.80
10-09-58	18.0	11-06-63	2.94	06-18-68	0.66
10-20-59	5.35	10-28-64	9.11	08-30-71	1.5
09-15-60	16.1	08-29-66	6.91		

6-8094.00 INDIAN CR NR LEWIS, IOWA
LAT 4118XX, LONG 9508XX, IN SW 1/4 SEC.
8, T.75 N., R.37 W., CASS CO. (15),
AT BRIDGE, 2 MILES WEST OF LEWIS.
DRAINAGE AREA: 183. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	15.2	09-16-60	31.9	08-31-66	15.0
05-13-58	25.9	09-01-61	17.3	05-23-67	3.71
10-15-58	52.5	11-06-63	7.36	06-19-68	2.60
10-20-59	16.5	10-28-64	21.0	08-31-71	4.5

6-8094.50 E NISHNABOTNA R NR GRISWOLD, IOWA
LAT 4117XX, LONG 9508XX, IN SE 1/4 SEC.
18, T.75 N., R.37 W., CASS CO. (15),
AT BRIDGE ON STATE HIGHWAY 48, 4 MILES NORTH OF
GRISWOLD.
DRAINAGE AREA: 778. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	54.5	09-16-60	135.	08-31-66	58.8
05-13-58	103.	09-01-61	60.9	05-23-67	20.2
10-15-58	190.	11-06-63	37.6	06-19-68	15.7
10-20-59	64.7	10-28-64	102.	08-31-71	22.0

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NISHNABOTNA RIVER BASIN - CONTINUED

6-8098.00 E NISHNABOTNA R NR FARRAGUT, IOWA
LAT 4045XX, LONG 9529XX, IN SE 1/4 SEC.
30, T.69 N., R.40 W., FREMONT CO. (36),
AT BRIDGE ON STATE HIGHWAY 174, 1.5 MILES NORTH OF
FARRAGUT.
DRAINAGE AREA: 1082. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	85.7	09-15-60	231.	08-30-66	103.
05-14-58	157.	08-30-61	151.	05-23-67	52.8
10-17-58	263.	11-05-63	64.7	06-18-68	51.7
10-20-59	159.	10-27-64	169.	08-31-71	48.0

TARKIO RIVER BASIN

6-8118.60 TARKIO R NR COBURG, IOWA
LAT 4054XX, LONG 9508XX, IN NW 1/4 SEC.
5, T.70 N., R.37 W., PAGE CO. (73),
AT BRIDGE, 6 MILES SE OF COBURG.
DRAINAGE AREA: 66.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.50	10-25-61	19.8	09-23-69	4.02
05-13-58	5.72	10-31-63	1.08	07-09-70	0.82
10-14-58	9.58	10-27-64	6.34	08-24-71	0.40
07-27-59	6.65	08-10-66	6.47	09-24-74	0.51
09-12-60	18.9	12-12-67	3.54		
09-13-60	16.8	03-12-68	1.53		

6-8118.80 E TARKIO CR NR YORKTOWN, IOWA
LAT 4043XX, LONG 9512XX, IN SW 1/4 SEC.
10, T.68 N., R.38 W., PAGE CO. (73),
AT BRIDGE, 2.5 MILES SW OF YORKTOWN.
DRAINAGE AREA: 58.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.72	09-13-60	11.8	12-13-67	0.62
05-13-58	5.82	10-25-61	24.6	03-12-68	2.26
10-13-58	11.7	10-31-63	6.01	07-09-70	0.41
07-27-59	10.1	10-27-64	6.22	08-24-71	0.70
09-12-60	13.6	08-09-66	3.49	09-23-74	1.1

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

TARKIO RIVER BASIN - CONTINUED

6-8119.00 TARKIO R NR YORKTOWN, IOWA
LAT 4043XX, LONG 9513XX, IN N 1/2 SEC.
16, T.68 N., R.38 W., PAGE CO. (73),
AT BRIDGE, 3 MILES SW OF YORKTOWN.
DRAINAGE AREA: 155. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	1.18	10-25-61	59.8	09-22-69	12.3
05-13-58	13.3	10-31-63	11.0	07-09-70	1.38
10-13-58	28.2	10-27-64	17.4	08-24-71	1.5
07-27-59	22.8	08-09-66	10.0	09-23-74	2.4
09-12-60	37.5	12-13-67	3.77		
09-13-60	33.3	03-12-68	2.99		

6-8120.00 TARKIO R AT BLANCHARD, IOWA
LAT 4036XX, LONG 9514XX, IN NE 1/4 SEC.
29, T.67 N., R.38 W., PAGE CO. (73),
AT BRIDGE, 1 MILE NORTH OF BLANCHARD.
DRAINAGE AREA: 200. SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	2.02	10-25-61	89.9	09-22-69	14.8
05-14-58	23.5	10-31-63	13.6	07-09-70	2.28
10-13-58	36.0	10-27-64	19.7	08-24-71	2.8
07-27-59	32.7	08-09-66	12.9	09-23-74	4.6
09-12-60	56.1	12-12-67	10.2		
09-13-60	49.8	03-12-68	11.2		

6-8123.00 W TARKIO CR NR COIN, IOWA
LAT 4041XX, LONG 9518XX, NEAR S 1/2
CORNER SEC.22, T.68 N., R.39 W., PAGE CO. (73),
AT BRIDGE, 4 MILES NW OF COIN.
DRAINAGE AREA: 66.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	0.68	10-25-61	30.1	09-22-69	6.01
05-13-58	8.97	10-31-63	4.15	07-09-70	1.07
10-13-58	15.1	10-27-64	8.20	08-24-71	0.29
07-27-59	14.6	08-09-66	4.46	09-23-74	.95
09-12-60	16.5	12-12-67	2.66		
09-13-60	16.8	03-12-68	1.00		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

TARKIO RIVER BASIN - CONTINUED

6-8124.00 W TARKIO CR NR NORTHBORO, IOWA
LAT 4035XX, LONG 9521XX, IN SW 1/4 SEC.
29, T.67 N., R.39 W., PAGE CO. (73),
AT BRIDGE, 3.5 MILES SW OF NORTHBORO.
DRAINAGE AREA: 87.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-25-57	2.57	10-25-61	49.3	09-22-69	9.75
05-14-58	17.1	10-31-63	5.50	07-09-70	1.88
10-13-58	26.5	10-27-64	10.9	08-24-71	0.88
07-27-59	28.5	08-09-66	5.96	09-23-74	4.4
09-12-60	26.7	12-12-67	5.45		
09-13-60	25.3	03-12-68	3.18		

NODAWAY RIVER BASIN

6-8163.00 W NODAWAY R NR CUMBERLAND, IOWA
LAT 4112XX, LONG 9452XX, IN SW 1/4 SEC.
15, T.74 N., R.35 W., CASS CO. (15),
AT BRIDGE, 4 MILES SOUTH OF CUMBERLAND.
DRAINAGE AREA: 65.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	0.25	10-24-61	28.0	09-22-69	1.09
05-13-58	2.71	10-31-63	0.50	07-07-70	0.96
10-14-58	3.73	10-26-64	7.16	09-14-71	0.26
07-27-59	3.47	08-09-66	2.65	09-24-74	1.0
09-12-60	3.01	12-12-67	1.13		
09-13-60	3.04	03-12-68	1.25		

6-8163.50 SEVENMILE CR NR LYMAN, IOWA
LAT 4115XX, LONG 9459XX, IN SE 1/4 SEC.
33, T.75 N., R.36 W., CASS CO. (15),
AT BRIDGE ON U. S. HIGHWAY 71, 1.5 MILES NORTH
OF LYMAN.
DRAINAGE AREA: 60.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	1.58	10-24-61	19.1	09-22-69	2.60
05-13-58	6.18	10-31-63	1.21	07-07-70	0.77
10-14-58	8.39	10-26-64	11.5	08-24-71	1.7
07-27-59	6.88	08-09-66	5.49	09-14-71	0.81
09-12-60	7.99	12-12-67	1.75	09-24-74	4.0
09-13-60	7.65	03-12-68	1.41		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NODAWAY RIVER BASIN - CONTINUED

6-8164.00 SEVENMILE CR NR MORTON MILL
LAT 4106XX, LONG 9500XX, IN NW 1/4 SEC.
33, T.73 N., R.36 W., MONTGOMERY CO. (69),
AT BRIDGE, 1 MILE NW OF MORTON MILL.
DRAINAGE AREA: 1240.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	10.5	10-24-61	43.4	09-22-69	13.6
05-12-58	18.6	10-31-63	11.0	07-08-70	8.70
10-14-58	20.6	10-27-64	30.5	09-14-71	11.0
07-27-59	18.5	08-09-66	21.9	09-24-74	20.
09-13-60	27.5	12-12-67	13.3		
09-13-60	31.2	03-12-68	6.48		

6-8165.50 W NODAWAY R NR VILLISCA, IOWA
LAT 4055XX, LONG 9500XX, NEAR CENTER OF
SEC.28, T.71 N., R.36 W., MONTGOMERY CO. (69),
AT BRIDGE NEAR WEST CITY LIMITS OF VILLISCA.
DRAINAGE AREA: 344.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	17.0	10-24-61	150.	09-22-69	30.2
05-12-58	38.2	10-31-63	16.9	07-08-70	13.3
10-14-58	37.0	10-27-64	54.5	08-24-71	14.0
07-27-59	38.7	08-10-66	38.6	09-14-71	14.0
09-12-60	70.1	12-12-67	24.6	09-24-74	26.
09-13-60	61.7	03-12-68	14.2		

6-8166.00 M NODAWAY R NR BRIDGEWATER, IOWA
LAT 4110XX, LONG 9439XX, IN NE 1/4 SEC.
33, T.74 N., R.33 W., ADAIR CO. (01),
AT BRIDGE, 5 MILES SE OF BRIDGEWATER.
DRAINAGE AREA: 89.30 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-25-61	25.3	03-12-68	1.32
10-13-58	7.56	10-31-63	0.80	07-07-70	0.38
07-31-59	9.83	10-26-64	15.0	0-91-471	0.02
09-12-60	4.86	08-09-66	4.96	09-24-74	.62
09-13-60	1.79	12-12-67	0.44		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NODAWAY RIVER BASIN - CONTINUED

6-8167.00 WF M NODAWAY R NR FONTANELLE, IOWA
LAT 4119XX, LONG 9439XX, NEAR CENTER OF
SEC.4, T.75 N., R.33 W., ADAIR CO. (01),
AT BRIDGE, 5 MILES NW OF FONTANELLE.
DRAINAGE AREA: 67.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.40	10-25-61	21.6	03-12-68	1.23
10-13-58	14.1	10-31-63	0.47	09-22-69	2.35
07-31-59	5.69	10-26-64	7.55	07-07-70	1.25
09-12-60	5.89	08-09-66	1.84	09-14-71	0.02
09-13-60	5.03	12-12-67	0.45	09-24-74	.55

6-8168.00 WF M NODAWAY R NR BRIDGEWATER, IOWA
LAT 4111XX, LONG 9439XX, NEAR CENTER OF
SEC.28, T.74 N., R.33 W., ADAIR CO. (01),
AT BRIDGE, 4.5 MILES SOUTH OF BRIDGEWATER.
DRAINAGE AREA: 128.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.94	10-25-61	34.6	03-12-68	2.09
10-13-58	18.7	10-31-63	3.39	07-07-70	2.38
07-31-59	16.6	10-26-64	24.5	09-14-71	0.88
09-12-60	9.77	08-09-66	3.88	09-24-74	.62
09-13-60	10.0	12-12-67	2.46		

6-8169.00 M NODAWAY R NR VILLISCA, IOWA
LAT 4055XX, LONG 9459XX, IN NW 1/4 SEC.
34, T.71 N., R.36 W., MONTGOMERY CO. (69),
AT BRIDGE ON U. S. HIGHWAY 71, 1 MILE SOUTH OF
VILLISCA.
DRAINAGE AREA: 341.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	2.74	10-24-61	112.	09-22-69	14.8
05-12-58	21.4	10-31-63	7.01	07-08-70	6.51
10-14-58	38.7	10-21-64	53.0	08-24-71	11.0
07-27-59	36.0	08-10-66	19.1	09-14-71	5.4
09-12-60	36.2	12-12-67	9.24	09-24-74	10.
09-13-60	29.8	03-12-68	12.5		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

NODAWAY RIVER BASIN - CONTINUED

6-8170.50 E NODAWAY R NR WILLIAMSON, IOWA
LAT 4106XX, LONG 9433XX, IN NW 1/4 SEC.
28, T.73 N., R.32 W., ADAMS CO. (02),
AT BRIDGE, 3 MILES SE OF WILLIAMSON.
DRAINAGE AREA: 54.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.00	10-26-61	19.7	03-12-68	0.37
10-15-58	0.43	10-31-63	0.07	07-08-70	0.39
07-31-59	6.08	10-26-64	9.30	09-14-71	0.02
09-12-60	1.83	08-09-66	2.41	09-23-74	0.
09-13-60	1.23	12-12-67	0.47		

6-8171.00 E NODAWAY R NR SHAMBAUGH, IOWA
LAT 4038XX, LONG 9501XX, IN NE 1/4 SEC.
6, T.67 N., R.36 W., PAGE CO. (73),
AT BRIDGE, 2 MILES SE OF SHAMBAUGH.
DRAINAGE AREA: 333.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	1.75	10-25-61	116.	07-08-70	6.50
05-14-58	19.4	10-31-63	9.75	08-24-71	5.9
10-14-58	20.2	10-27-64	35.6	09-14-71	4.1
07-27-59	18.3	08-09-66	14.6	09-23-74	5.8
09-12-60	32.8	12-12-67	9.94		
09-13-60	28.7	03-13-68	12.1		

6-8172.00 NODAWAY R NR BRADYVILLE, IOWA
LAT 4037XX, LONG 9501XX, NEAR CENTER OF
SEC. 18, T.67 N., R.36 W., PAGE CO. (73),
AT BRIDGE, 3 MILES NORTH OF BRADYVILLE.
DRAINAGE AREA: 1135.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-24-57	23.5	10-25-61	401.	07-08-70	30.2
05-14-58	80.9	10-31-63	47.2	08-24-71	35.0
10-14-58	105.	10-27-64	140.	09-14-71	25.0
07-27-59	107.	08-09-66	77.4	09-23-74	47.
09-12-60	189.	12-12-67	46.4		
09-13-60	145.	03-13-68	41.5		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

PLATTE RIVER BASIN

6-8186.00 PLATTE R NR KENT, IOWA
LAT 4057XX, LONG 9429XX, IN SW 1/4 SEC.
13, T.71 N., R.32 W., ADAMS CO. (02),
AT BRIDGE, 2 MILES WEST OF KENT.
DRAINAGE AREA: 77.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.60	10-26-61	21.3	03-12-68	1.96
10-15-58	2.50	10-31-63	1.41	10-16-68	1.76
07-28-59	1.90	10-26-64	6.13	07-08-70	1.33
09-13-60	2.16	08-10-66	2.16	08-24-71	0.90
09-13-60	4.96	12-13-67	1.52	09-23-74	1.1

6-8186.50 F PLATTE R NR KNOWLTON, IOWA
LAT 4054XX, LONG 9426XX, IN NW 1/4 SEC.
4, T.70 N., R.31 W., RINGGOLD CO. (80),
AT BRIDGE, 7 MILES NW OF KNOWLTON.
DRAINAGE AREA: 66.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.00	10-25-61	12.4	03-12-68	1.69
10-14-58	2.58	10-31-63	0.02	09-22-69	0.17
07-28-59	0.55	10-26-64	4.87	07-08-70	0.60
09-12-60	1.99	08-10-66	0.66	08-24-71	0.02
09-13-60	1.85	12-13-67	0.00	09-23-74	.01

6-8187.00 PLATTE R NR KNOWLTON, IOWA
LAT 4052XX, LONG 9426XX, IN NW 1/4 SEC.
16, T.70 N., R.31 W., RINGGOLD CO. (80),
AT BRIDGE, 6 MILES NW OF KNOWLTON.
DRAINAGE AREA: 179.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
10-14-58	6.11	10-31-63	1.59	09-22-69	2.62
07-28-59	3.18	10-26-64	14.0	07-08-70	3.72
09-12-60	9.07	08-10-66	6.19	08-24-71	1.5
09-13-60	8.67	12-13-67	3.13	09-23-74	.42
10-25-61	33.2	03-12-68	8.25		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

PLATTE RIVER BASIN - CONTINUED

6-8191.00 WB 102 R NR GRAVITY, IOWA
LAT 4049XX, LONG 9449XX, IN SE 1/4 SEC.
31, T.70 N., R.34 W., TAYLOR CO. (87),
AT BRIDGE, 5 MILES NW OF GRAVITY.
DRAINAGE AREA: 52.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.00	10-26-61	6.95	03-12-68	0.12
10-15-58	2.28	10-31-63	0.07	07-08-70	0.02
07-28-59	0.14	10-27-64	3.78	08-24-71	0.01
09-12-60	1.44	08-10-66	0.71	09-23-74	0.
09-14-60	1.08	12-12-67	0.28		

6-8191.20 WB 102 R BELOW MB NR GRAVITY, IOWA
LAT 4048XX, LONG 9449XX, IN NW 1/4 SEC.
7, T.69 N., R.34 W., TAYLOR CO. (87),
AT BRIDGE, 4.5 MILES NW OF GRAVITY.
DRAINAGE AREA: 106.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.00	10-26-61	12.4	03-12-68	1.63
10-15-58	3.35	10-31-63	0.00	07-08-70	0.04
07-28-59	0.68	10-27-64	7.95	08-24-71	0.18
09-12-60	3.55	08-10-66	1.00	09-23-74	.01
09-14-60	3.05	12-12-67	1.08		

6-8191.40 WB 102 R NR NEW MARKET, IOWA
LAT 4044XX, LONG 9451XX, IN SW 1/4 SEC.
35, T.69 N., R.35 W., TAYLOR CO. (87),
AT BRIDGE, 2.75 MILES EAST OF NEW MARKET.
DRAINAGE AREA: 123.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.08	10-26-61	12.7	09-23-69	1.52
05-14-58	7.96	10-31-63	0.46	07-08-70	0.45
10-15-58	4.38	10-26-64	9.60	08-24-71	0.34
07-28-59	1.80	08-10-66	1.57	09-23-74	.36
09-12-60	5.23	12-12-67	0.72		
09-14-60	4.57	03-12-68	2.27		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

PLATTE RIVER BASIN - CONTINUED

6-8191.50 WF 102 R NR NEW MARKET, IOWA
LAT 4043XX, LONG 9451XX, IN NW 1/4 SEC.
10, T.68 N., R.35 W., TAYLOR CO. (87),
AT BRIDGE, 3 MILES SE OF NEW MARKET.
DRAINAGE AREA: 183.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.16	10-26-61	23.3	09-23-69	2.41
05-14-58	11.0	10-31-63	1.03	07-08-70	0.68
10-15-58	7.96	10-26-64	12.9	08-24-71	0.51
07-28-59	2.76	08-10-66	2.19	09-23-74	.61
09-12-60	8.19	12-12-67	1.37		
09-14-60	6.77	03-12-68	2.91		

6-8191.80 EF 102 R NR BEDFORD, IOWA
LAT 4044XX, LONG 9439XX, IN NE 1/4 SEC.
4, T.68 N., R.33 W., TAYLOR CO. (87),
AT BRIDGE, 5 MILES NE OF BEDFORD.
DRAINAGE AREA: 60.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.00	10-26-61	7.07	03-12-68	0.60
10-15-58	0.39	10-31-63	0.00	09-23-69	0.03
07-28-59	0.16	10-26-64	3.09	07-08-70	0.04
09-12-60	1.11	08-10-66	0.30	08-24-71	0.02
09-13-60	0.80	12-13-67	0.06	09-23-74	0.

6-8191.95 MF 102 R NR BEDFORD, IOWA
LAT 4035XX, LONG 9449XX, IN NE 1/4 SEC.
26, T.67 N., R.35 W., TAYLOR CO. (87),
AT BRIDGE, 7 MILES SW OF BEDFORD.
DRAINAGE AREA: 59.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.00	10-26-61	5.93	09-23-69	0.30
05-14-58	4.57	10-31-63	0.02	07-08-70	0.07
10-15-58	0.48	10-26-64	1.80	08-24-71	0.14
07-28-59	0.42	08-10-66	0.13	09-23-74	.01
09-12-60	2.85	12-13-67	0.23		
09-13-60	2.21	03-13-68	0.48		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

GRAND RIVER BASIN

6-8961.00 GRAND R AT KNOWLTON, IOWA
LAT 4050XX, LONG 9420XX, IN SE 1/4 SEC.
29, T.70 N., R.30 W., RINGGOLD CO. (80),
AT BRIDGE NEAR EAST CITY LIMITS OF KNOWLTON.
DRAINAGE AREA: 67.50 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-31-63	0.17	09-22-69	0.40
10-14-58	1.72	10-27-64	6.35	07-28-70	0.17
07-28-59	1.40	08-10-66	1.29	09-20-71	0.10
09-12-60	0.91	12-13-67	0.35	09-24-74	.10
09-13-60	1.20	03-12-68	0.97		
10-25-61	11.8	10-17-68	0.45		

6-8961.50 GRAND R NR BLOCKTON, IOWA
LAT 4034XX, LONG 9427XX, IN SW 1/4 SEC.
29, T.67 N., R.31 W., RINGGOLD CO. (80),
AT BRIDGE, 3 MILES SE OF BLOCKTON.
DRAINAGE AREA: 207.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.87	10-25-61	45.9	10-16-68	3.10
10-15-58	5.61	10-31-63	4.10	09-22-69	7.01
07-28-59	10.0	10-27-64	17.2	07-28-70	2.76
09-12-60	12.1	12-12-67	3.40	09-20-71	2.5
09-12-60	13.1	03-12-68	2.45	09-24-74	2.7

6-8962.00 EF GRAND R NR MT. AYR, IOWA
LAT 4043XX, LONG 9410XX, IN SE 1/4 SEC.
3, T.68 N., R.29 W., RINGGOLD CO. (80),
AT BRIDGE ON STATE HIGHWAY 2, 3 MILES EAST OF
MT. AYR.
DRAINAGE AREA: 64.70 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-25-61	11.9	09-22-69	0.29
10-14-58	1.57	10-31-63	0.18	07-28-70	0.08
07-28-59	0.54	10-27-64	3.90	09-20-71	0.07
09-12-60	1.58	08-10-66	0.64	09-24-74	.04
09-12-60	0.17	03-12-68	1.73		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

GRAND RIVER BASIN - CONTINUED

6-8962.50 EF GRAND R SOUTH OF MT. AYR, IOWA
LAT 4035XX, LONG 9414XX, IN SW 1/4 SEC.
19, T.67 N., R.29 W., RINGGOLD CO. (80),
AT BRIDGE, 9 MILES SOUTH OF MT. AYR.
DRAINAGE AREA: 95.90 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-31-63	1.58	09-22-69	3.63
10-15-58	2.47	10-27-64	10.1	07-28-70	0.32
07-28-59	1.66	08-10-66	3.35	09-20-71	0.05
09-12-60	2.29	12-12-67	0.41	09-24-74	.05
09-12-60	2.64	03-12-68	1.48		
10-25-61	18.8	10-16-68	0.51		

6-8977.70 THOMPSON R NR HEBRON, IOWA
LAT 4114XX, LONG 9416XX, IN SW 1/4 SEC.
1, T.74 N., R.30 W., ADAIR CO. (01),
AT BRIDGE, 2 MILES SE OF HEBRON.
DRAINAGE AREA: 80.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.11	10-31-63	0.26	09-22-69	4.80
10-13-58	4.77	10-26-64	18.0	07-27-70	0.17
10-23-59	7.18	08-09-66	2.55	09-20-71	0.31
09-13-60	2.03	12-12-67	2.27	09-23-74	.23
09-13-60	2.48	03-13-68	1.34		
10-26-61	31.5	10-16-68	0.57		

6-8978.00 THREEMILE CR NR AFTON, IOWA
LAT 4102XX, LONG 9408XX, NEAR CENTER OF
SEC. 13, T.72 N., R.29 W., UNION CO. (88),
AT BRIDGE 3 MILES EAST OF AFTON.
DRAINAGE AREA: 54.80 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-31-63	0.13	09-22-69	10.8
10-13-58	0.40	10-26-64	6.62	07-27-70	0.13
10-21-59	3.44	08-09-66	5.55	09-21-71	0.00
09-12-60	0.96	12-12-67	1.03	09-23-74	.04
09-13-60	0.70	03-13-68	2.60		
10-27-61	14.1	10-16-68	0.08		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

GRAND RIVER BASIN - CONTINUED

6-8978.20 THOMPSON R NR AFTON, IOWA
LAT 4102XX, LONG 9406XX, IN SW 1/4 SEC.
17, T.72 N., R.28 W., UNION CO. (88),
AT BRIDGE ON U. S. HIGHWAY 34 AND 169, 5 MILES
EAST OF AFTON.
DRAINAGE AREA: 231.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-26-61	76.2	03-13-68	8.55
10-13-58	7.40	10-31-63	1.06	10-16-68	1.32
10-21-59	15.5	10-26-64	39.8	07-27-70	1.36
09-12-60	5.73	08-09-66	18.7	09-21-71	0.88
09-13-60	5.81	12-12-67	4.79	09-23-74	1.2

6-8978.80 TWELVEMILE CR NR ARISPE, IOWA
LAT 4056XX, LONG 9406XX, IN SE 1/4 SEC.
17, T.71 N., R.28 W., UNION CO. (88),
AT BRIDGE, 6 MILES EAST OF ARISPE.
DRAINAGE AREA: 68.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-31-63	0.28	10-16-68	0.35
10-13-58	0.66	10-26-64	8.39	09-22-69	1.74
09-12-60	1.78	08-09-66	4.59	07-27-70	0.21
09-13-60	1.32	12-13-67	1.88	09-21-71	0.00
10-27-61	13.5	03-13-68	4.55	09-23-74	.05

6-8979.00 THOMPSON R NR GRAND RIVER, IOWA
LAT 4052XX, LONG 9358XX, IN NE 1/4 SEC.
16, T.70 N., R.27 W., DECATUR CO. (27),
AT BRIDGE, 3.5 MILES NORTH OF GRAND RIVER.
DRAINAGE AREA: 401.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.83	10-31-63	2.25	09-22-69	25.5
10-14-58	8.40	10-26-64	59.8	07-27-70	4.87
10-21-59	38.8	08-09-66	43.1	09-20-71	2.4
09-12-60	11.7	12-12-67	11.4	09-24-74	2.4
09-13-60	10.1	03-12-68	27.2		
10-24-61	140.	10-16-68	4.95		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

GRAND RIVER BASIN - CONTINUED

6-8979.40 LONG CR NR VAN WERT, IOWA
LAT 4049XX, LONG 9352XX, IN NE 1/4 SEC.
32, T.70 N., R.26 W., DECATUR CO. (27),
AT BRIDGE, 5 MILES SE OF VAN WERT.
DRAINAGE AREA: 117.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-24-61	16.0	03-12-68	15.9
10-14-58	0.22	10-31-63	0.13	10-16-68	0.27
10-21-59	13.6	10-26-64	4.99	07-27-70	0.21
09-12-60	1.78	08-09-66	6.24	09-20-71	0.05
09-13-60	1.58	12-12-67	3.22	09-24-74	.04

6-8983.00 WELDON R EAST OF LEON, IOWA
LAT 404518, LONG 933805, IN SE 1/4 SEC.
20, T.69 N., R.24 W., DECATUR CO. (27),
AT BRIDGE ON STATE HIGHWAY 2, 6 MILES EAST OF
LEON.
DRAINAGE AREA: 72.40 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.06	10-24-61	12.2	03-13-68	3.63
10-14-58	1.13	10-31-63	0.16	07-28-70	0.05
10-21-59	5.94	10-27-64	1.60	09-20-71	0.22
09-12-60	0.42	08-09-66	0.23	09-25-74	.11
09-13-60	0.40	12-12-67	1.47		

6-8984.50 WELDON R NR PLEASANTON, IOWA
LAT 403540, LONG 933620, IN NW 1/4 SEC.
22, T.67 N., R.24 W., DECATUR CO. (27),
AT BRIDGE, 7 MILES EAST OF PLEASANTON.
DRAINAGE AREA: 228.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	10-24-61	42.9	03-13-68	20.8
10-14-58	7.57	10-31-63	1.26	07-28-70	0.67
10-21-59	24.7	10-27-64	9.10	09-21-71	1.3
09-12-60	2.55	08-09-66	2.59	09-25-74	1.6
09-13-60	2.71	12-12-67	12.5		

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

GRAND RIVER BASIN - CONTINUED

6-8984.70 LITTLE R NR LEON, IOWA
LAT 403936, LONG 934459, IN SE 1/4 SEC.
29, T.68 N., R.25 W., DECATUR CO. (27),
AT BRIDGE, 6 MILES SOUTH OF LEON.
DRAINAGE AREA: 69.20 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.16	10-24-61	11.4	03-13-68	4.50
10-14-58	2.04	10-31-63	0.15	07-28-70	0.07
10-21-59	6.27	10-27-64	1.07	09-21-71	0.02
09-12-60	0.57	08-09-66	0.19	09-25-74	.05
09-13-60	0.48	12-12-67	0.79		

CHARITON RIVER BASIN

6-9033.00 CHARITON R NR DERBY, IOWA
LAT 4057XX, LONG 9328XX, IN NW 1/4 SEC.
13, T.71 N., R.23 W., LUCAS CO. (59),
AT BRIDGE, 1.5 MILES NORTH OF DERBY.
DRAINAGE AREA: 71.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	0.20	10-18-61	14.3	09-22-69	1.42
03-26-58	3.30	10-30-63	0.00	07-28-70	0.16
10-29-58	0.06	10-14-64	0.33	08-24-71	0.06
10-22-59	1.87	08-30-66	0.03	09-24-74	.01
09-12-60	0.05	03-13-68	3.03		

6-9033.50 WOLF CR NR CHARITON, IOWA
LAT 4056XX, LONG 9316XX, IN SE 1/4 SEC.
16, T.71 N., R.21 W., LUCAS CO. (59),
AT BRIDGE, 5 MILES SE OF CHARITON.
DRAINAGE AREA: 65.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-19-57	0.61	09-11-61	0.00	09-13-68	4.65
03-25-58	4.40	10-18-61	13.9	09-22-69	2.00
10-29-58	1.13	10-30-63	0.00	07-28-70	0.78
10-22-59	0.65	10-14-64	0.18	08-24-71	0.02
09-12-60	0.00	08-30-66	0.01	09-24-74	.02

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

CHARITON RIVER BASIN - CONTINUED

6-9036.00 SF CHARITON R NR CAMBRIA, IOWA
LAT 4049XX, LONG 9323XX, IN NW 1/4 SEC.
3, T.69 N., R.22 W., WAYNE CO. (93),
AT BRIDGE, 2 MILES SOUTH OF CAMBRIA.
DRAINAGE AREA: 58.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
03-25-58	2.82	10-19-61	9.97	09-22-69	0.22
10-30-58	0.17	10-30-63	0.00	07-28-70	0.08
10-21-59	4.41	10-14-64	1.65	08-24-71	0.01
09-14-60	0.59	08-30-66	0.03	09-24-74	.02
09-11-61	0.26	03-13-68	2.73		

6-9036.50 SF CHARITON R NR CORYDON, IOWA
LAT 4049XX, LONG 9319XX, IN NW 1/4 SEC.
6, T.69 N., R.21 W., WAYNE CO. (93),
AT BRIDGE ON STATE HIGHWAY 14, 4 MILES NORTH OF
CORYDON.
DRAINAGE AREA: 68.10 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-26-57	0.00	09-11-61	0.45	03-13-68	2.66
03-25-58	3.92	10-19-61	12.5	09-22-69	0.40
10-30-58	0.33	10-30-63	0.05	07-28-70	0.21
10-21-59	3.20	10-14-64	1.96	08-24-71	0.10
09-14-60	0.08	08-30-66	0.07	09-24-74	.04

6-9038.00 SF CHARITON R AT GRIFFINSVILLE, IOWA
LAT 405029, LONG 930103, IN SW 1/4 SEC.
23, T.70 N., R.19 W., APPANOOSE CO. (04),
AT BRIDGE IN GRIFFINSVILLE.
DRAINAGE AREA: 234.00 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
09-27-57	0.06	09-14-60	0.95	10-14-64	6.21
03-25-58	18.5	09-11-61	2.21	08-30-66	0.61
10-30-58	7.53	10-19-61	44.8	03-13-68	18.7
10-20-59	15.8	10-30-63	0.35	09-22-69	2.93

DISCHARGE MEASUREMENTS AT
LOW-FLOW PARTIAL-RECORD STATIONS

CHARITON RIVER BASIN - CONTINUED

6-9041.50 SHOAL CF NR CINCINNATI, IOWA
LAT 4037XX, LONG 9252XX, IN SW 1/4 SEC.
6, T.67 N., R.17 W., APPANOOSE CO. (04),
AT BRIDGE, 3 MILES EAST OF CINCINNATI.
DRAINAGE AREA: 56.60 SQ. MI.

DATE	CFS	DATE	CFS	DATE	CFS
03-25-58	4.26	10-19-61	7.04	09-22-69	0.46
10-29-58	2.26	10-30-63	0.03	07-29-70	0.04
10-21-59	5.95	10-14-64	0.54	08-24-71	0.01
09-14-60	0.02	08-30-66	0.00	09-24-74	.04
09-11-61	0.00	03-12-68	4.29		

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