

**WATER RESOURCES OF THE RIVER RAISIN BASIN  
 SOUTHEASTERN MICHIGAN**

By

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**PHYSIOGRAPHIC DATA FOR SELECTED  
 SUBBASINS IN THE RIVER RAISIN BASIN**

The accompanying tables summarize some physiographic data for selected subbasins in the River Raisin basin having about 2 or more square miles of drainage area. Selected subbasins of the major streams include area above mouths of tributaries, and points of interest such as highways, towns, gaging stations, or dams, and below the confluence of the main stream and a tributary so as to include both drainage areas. Similar criteria were used for tributary streams, except where the tributary was too small to merit further dividing. Most subbasins are shown on the basin map, sheet 1. To help locate the tabulated areas on the map, each subbasin is assigned a number and numbers for selected subbasins are shown on the map at the downstream end of the subbasins. Also shown are names of main roads and river miles, at 5-mile intervals, for the River Raisin and two of its main tributaries.

Basin divides were outlined on the latest 7½-or 15-minute topographic maps, scale 1:24,000 or 1:62,500, respectively, and drainage areas determined in accordance with the standards set forth by the Committee on Hydrology, Water Resources Council (formerly the Subcommittee on Hydrology, Inter-Agency Committee on Water Resources). Similarly, river miles were determined in accordance with the Committee's standards. Mile zero is considered to be the mouth of the stream. The source of a stream is considered to be the upper end of the stream, whether or not it is perennial. A defined channel

which may be inferred from topographic maps to carry water occasionally is, therefore, included in the stream length. A stream that has its beginning at the confluence of two tributaries is considered to be a continuation of the longer tributary and to have as its source the source of that tributary. Its average slope is determined by treating the stream and tributary as one. Beaver Creek (number 253), for example, is considered to be the continuation of Slater Creek. In the table Slater Creek has been parenthetically noted as being the headwaters of Beaver Creek. Other tributary streams, in this classification, are likewise noted.

Altitudes shown for site and source are from topographic maps and represent the altitude of the water surface at approximately normal river stage, the datum being mean sea level. Average slopes were computed from the mileage between and differences in altitude of site and source and represent the fall of the stream in feet per mile.

Streams are listed in a downstream order along the main stem, with tributary streams entered above the next main-stem location. A similar order is followed for listing streams of first rank, second rank, or other rank. To indicate the rank, and the stream to which it is tributary, the stream name is indented, each indentation representing one rank. The stream rank is further identified by numbers in the column heading with stream name and location. Number 1 applies to River Raisin. Principal tributaries are under number 2, their tributaries under number 3, and so on.

**PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN**

Number key	Stream and location 1 2 3 4 5 6 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
1.	River Raisin above Onemile Lake outlet, NW¼ sec. 6, T. 5 S., R. 2 E.	3.95	128.8	4.9	978	1,030	10.6
2.	Onemile Lake outlet above Grassy Lake outlet, SW¼ sec. 12, T. 5 S., R. 1 E.	7.17	2.3	4.0	985	1,025	10.0
3.	Grassy Lake outlet at mouth, SW¼ sec. 12, T. 5 S., R. 1 E.	3.57	0	3.5	975	998	6.6
4.	Onemile Lake outlet at Grassy Lake outlet, SW¼ sec. 12, T. 5 S., R. 1 E.	10.7	2.3	4.0	975	1,025	10.0

## PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN — Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
5.	Onemile Lake outlet at Highway 112, NW¼ sec. 7, T. 5 S., R. 2 E.	11.3	1.0	5.3	981	1,025	8.3
6.	Onemile Lake outlet at mouth, NW¼ sec. 6, T. 5 S., R. 2 E.	12.0	0	6.3	978	1,025	7.5
7.	River Raisin at Onemile Lake outlet, NW¼ sec. 6, T. 5 S., R. 2 E.	15.9	128.8	4.9	978	1,030	10.6
8.	River Raisin above Little Stony Lake outlet, SE¼ sec. 31, T. 4 S., R. 2 E.	16.5	128.0	5.7	975	1,030	9.6
9.	Dewey Lake outlet (headwaters of Little Stony Lake outlet) at Hawkins Highway, NW¼ sec. 17, T. 5 S., R. 2 E.	.66	3.6	.6	997	997	0
10.	Little Stony Lake outlet at mouth, SE¼ sec. 31, T. 4 S., R. 2 E.	3.09	0	4.2	975	997	4.8
11.	River Raisin at Little Stony Lake outlet, SE¼ sec. 31, T. 4 S., R. 2 E.	19.6	128.0	5.7	975	1,030	9.6
12.	River Raisin above Vineyard Lake, SW¼ sec. 29, T. 4 S., R. 2 E.	22.4	126.6	7.1	967	1,030	8.9
13.	River Raisin at Wamplers Lake Road, NW¼ sec. 29, T. 4 S., R. 2 E.	28.0	125.6	8.1	966	1,030	7.9
14.	River Raisin at Brooklyn Dam, NW¼ sec. 19, T. 4 S., R. 2 E.	32.3	124.1	9.6	960	1,030	7.3
15.	River Raisin above Goose Creek, NW¼ sec. 19, T. 4 S., R. 2 E.	32.4	123.6	10.1	942	1,030	8.7
16.	Goose Creek above Blood Lake outlet, SW¼ sec. 10, T. 5 S., R. 1 W.	4.90	13.6	4.1	1,044	1,100	13.7
17.	Blood Lake outlet at mouth, SW¼ sec. 10, T. 5 S., R. 1 W.	6.97	0	3.1	1,044	1,070	8.4
18.	Goose Creek at Blood Lake outlet, SW¼ sec. 10, T. 5 S., R. 1 W.	11.9	13.6	4.1	1,044	1,100	13.7
19.	Goose Creek at Highway 223, NW¼ sec. 7, T. 5 S., R. 1 E.	14.4	10.4	7.3	1,001	1,100	13.6
20.	Unnamed tributary to Goose Lake at mouth, NE¼ sec. 7, T. 5 S., R. 1 E.	3.49	0	3.4	997	1,084	25.5
21.	Goose Creek below Goose Lake at Cement City, SW¼ sec. 4, T. 5 S., R. 1 E.	24.9	8.1	9.6	997	1,100	10.7
22.	Goose Creek at Lenawee-Jackson County Line, NE¼ sec. 4, T. 5 S., R. 1 E.	26.3	6.4	11.3	986	1,100	10.1
23.	Goose Creek above Clark Lake outlet, NE¼ sec. 22, T. 4 S., R. 1 E.	32.2	2.7	15.0	955	1,100	9.7
24.	Clark Lake outlet at mouth, NE¼ sec. 22, T. 4 S., R. 1 E.	3.10	0	3.1	955	967	3.9
25.	Goose Creek at Clark Lake outlet, NE¼ sec. 22, T. 4 S., R. 1 E.	35.3	2.7	15.0	955	1,100	9.7
26.	Goose Creek at Highway 50, NE¼ sec. 24, T. 4 S., R. 1 E.	39.1	.1	17.6	942	1,100	9.0
27.	Goose Creek at mouth, NW¼ sec. 19, T. 4 S., R. 2 E.	39.1	0	17.7	942	1,100	8.9
28.	River Raisin at Goose Creek, NW¼ sec. 19, T. 4 S., R. 2 E.	71.6	123.6	10.1	942	1,030	8.7
29.	River Raisin above Stony Lake outlet, SW¼ sec. 4, T. 4 S., R. 2 E.	77.2	119.6	14.1	939	1,030	6.4
30.	Stony Lake outlet at Highway 50, NE¼ sec. 1, T. 4 S., R. 1 E.	10.2	2.5	3.0	954	964	3.3
31.	Stony Lake outlet at Wolf Lake Road, NW¼ sec. 5, T. 4 S., R. 2 E.	12.4	.8	4.7	943	964	4.5
32.	Stony Lake outlet at mouth, SW¼ sec. 4, T. 4 S., R. 2 E.	12.8	0	5.5	939	964	4.5
33.	River Raisin at Stony Lake outlet, SW¼ sec. 4, T. 4 S., R. 2 E.	90.0	119.6	14.1	939	1,030	6.4

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN –Continued

Number key	Stream and location		Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
	123456	Ranking order		above mouth	below source	at site	at source	
34.	River Raisin at Norvell Dam, NW¼ sec. 3, T. 4 S., R. 2 E.		92.4	118.2	15.5	939	1,030	5.8
35.	River Raisin above Bessey Lake outlet, NE¼ sec. 3, T. 4 S., R. 2 E.		93.0	117.7	16.0	930	1,030	6.3
36.	Bessy Lake outlet above unnamed tributary, SW¼ sec. 22, T. 3 S., R. 2 E.		1.77	3.7	1.0	951	960	9.0
37.	Unnamed tributary at mouth, SW¼ sec. 22, T. 3 S., R. 2 E.		6.60	0	3.1	951	987	11.6
38.	Bessy Lake outlet at unnamed tributary, SW¼ sec. 22, T. 3 S., R. 2 E.		8.37	3.7	1.0	951	960	9.0
39.	Bessy Lake outlet above Swezzey Lake outlet, NE¼ sec. 3, T. 4 S., R. 2 E.		11.2	.2	4.5	930	960	6.7
40.	Swezzey Lake outlet at mouth, NE¼ sec. 3, T. 4 S., R. 2 E.		2.34	0	.8	930	930	0
41.	Bessy Lake outlet at Swezzey Lake outlet, NE¼ sec. 3, T. 4 S., R. 2 E.		13.5	.2	4.5	930	960	6.7
42.	Bessy Lake outlet at mouth, NE¼ sec. 3, T. 4 S., R. 2 E.		13.6	0	4.7	930	960	6.4
43.	River Raisin at Bessy Lake outlet, NE¼ sec. 3, T. 4 S., R. 2 E.		107	117.7	16.0	930	1,030	6.3
44.	River Raisin above Fay Lake outlet, NW¼ sec. 6, T. 4 S., R. 3 E.		110	114.7	19.0	916	1,030	6.0
45.	Fay Lake outlet at mouth, NW¼ sec. 6, T. 4 S., R. 3 E.		9.19	0	5.6	916	950	6.1
46.	River Raisin at Fay Lake outlet, NW¼ sec. 6, T. 4 S., R. 3 E.		120	114.7	19.0	916	1,030	6.0
47.	River Raisin above unnamed tributary, SW¼ sec. 29, T. 3 S., R. 3 E.		122	111.6	22.1	906	1,030	5.6
48.	Unnamed tributary at mouth, SW¼ sec. 29, T. 3 S., R. 3 E.		6.14	0	2.4	906	1,005	41.3
49.	River Raisin at unnamed tributary, SW¼ sec. 29, T. 3 S., R. 3 E.		128	111.6	22.1	906	1,030	5.6
50.	River Raisin at Sharon Hollow Dam, SE¼ sec. 29, T. 3 S., R. 3 E.		129	110.8	22.9	904	1,030	5.5
51.	River Raisin at Sharon Valley Road (gage), SE¼ sec. 33, T. 3 S., R. 3 E.		132	109.3	24.4	899	1,030	5.4
52.	River Raisin above unnamed tributary, NW¼ sec. 3, T. 4 S., R. 3 E.		134	108.2	25.5	892	1,030	5.4
53.	Unnamed tributary at mouth, NW¼ sec. 3, T. 4 S., R. 3 E.		5.92	0	2.7	892	965	27.0
54.	River Raisin at unnamed tributary, NW¼ sec. 3, T. 4 N., R. 3 E.		140	108.2	25.5	892	1,030	5.4
55.	River Raisin at Manchester Dam, Austin Road, SE¼ sec. 2, T. 4 S., R. 3 E.		142	106.4	27.3	880	1,030	5.5
56.	River Raisin at Ford Dam, Austin Road, SW¼ sec. 1, T. 4 S., R. 3 E.		148	105.1	28.6	860	1,030	5.9
57.	River Raisin above unnamed tributary, SE¼ sec. 7, T. 4 S., R. 4 E.		150	102.4	31.3	838	1,030	6.1
58.	Unnamed tributary at mouth, SE¼ sec. 7, T. 4 S., R. 4 E.		2.89	0	2.2	838	940	46.4
59.	River Raisin at unnamed tributary, SE¼ sec. 7, T. 4 S., R. 4 E.		153	102.4	31.3	838	1,030	6.1
60.	River Raisin above unnamed tributary, SW¼ sec. 8, T. 4 S., R. 4 E.		154	101.7	32.0	835	1,030	6.1
61.	Unnamed tributary at mouth, SW¼ sec. 8, T. 4 S., R. 4 E.		5.54	0	4.2	835	945	26.2
62.	River Raisin at unnamed tributary, SW¼ sec. 8, T. 4 S., R. 4 E.		159	101.7	32.0	835	1,030	6.1
63.	River Raisin at Allen Road, SE¼ sec. 29, T. 4 S., R. 4 E.		167	96.4	37.3	814	1,030	5.8

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN –Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
64.	River Raisin above Iron Creek, SW¼ sec. 32, T. 4 S., R. 4 E.	167	95.7	38.0	812	1,030	5.7
65.	Round Lake outlet (headwaters of Iron Creek) at Wamplers Lake Road, SE¼ sec. 36, T. 4 S., R. 2 E.	.90	13.5	.5	967	967	0
66.	Wamplers Lake outlet at Wamplers Lake Road, SW¼ sec. 36, T. 4 S., R. 2 E.	7.28	12.5	1.5	967	967	0
67.	Iron Creek at Jackson-Washtenaw County Line, SE¼ sec. 25, T. 4 S., R. 2 E.	10.5	10.9	3.1	960	967	2.3
68.	Iron Creek at Iron Mill Pond Dam, Sharon Hollow Road, NW¼ sec. 28, T. 4 S., R. 3 E.	16.2	7.2	6.8	915	967	7.6
69.	Iron Creek at Henzie Road, NE¼ sec. 27, T. 4 S., R. 3 E.	24.7	4.8	9.2	886	967	8.8
70.	Iron Creek at Bartlet Road, SE¼ sec. 30, T. 4 S., R. 4 E.	28.8	.8	13.2	820	967	11.1
71.	Iron Creek at mouth, SW¼ sec. 32, T. 4 S., R. 4 E.	29.4	0	14.0	812	967	11.1
72.	River Raisin at Iron Creek, SW¼ sec. 32, T. 4 S., R. 4 E.	197	95.7	38.0	812	1,030	5.7
73.	River Raisin at Clinton Dam, NW¼ sec. 5, T. 5 S., R. 4 E.	200	95.0	38.7	812	1,030	5.6
74.	River Raisin at Highway 12, center sec. 5, T. 5 S., R. 4 E.	201	94.6	39.1	797	1,030	6.0
75.	River Raisin above unnamed tributary, SW¼ sec. 5, T. 5 S., R. 4 E.	202	94.3	39.4	795	1,030	6.0
76.	Unnamed tributary at mouth, SW¼ sec. 5, T. 5 S., R. 4 E.	4.46	0	3.3	795	883	26.7
77.	River Raisin at unnamed tributary, SW¼ sec. 5, T. 5 S., R. 4 E.	206	94.3	39.4	795	1,030	6.0
78.	River Raisin at Staib Road, NE¼ sec. 17, T. 5 S., R. 4 E.	213	91.9	41.8	784	1,030	5.9
79.	River Raisin above unnamed tributary, NW¼ sec. 21, T. 5 S., R. 4 E.	213	90.8	42.9	780	1,030	5.8
80.	Unnamed tributary at mouth, NW¼ sec. 21, T. 5 S., R. 4 E.	1.07	0	1.4	780	828	34.3
81.	River Raisin at unnamed tributary, NW¼ sec. 21, T. 5 S., R. 4 E.	215	90.8	42.9	780	1,030	5.8
82.	River Raisin at Penn Central Railroad, SE¼ sec. 21, T. 5 S., R. 4 E.	216	89.8	43.9	778	1,030	5.7
83.	Dillingham Creek at mouth, SE¼ sec. 21, T. 5 S., R. 4 E.	4.99	0	5.1	778	865	17.1
84.	River Raisin at Red Millpond, SW¼ sec. 27, T. 5 S., R. 4 E.	222	88.7	45.0	770	1,030	5.7
85.	Evans Creek at Evans Lake NE¼ sec. 7, T. 5 S., R. 3 E.	4.28	14.2	3.1	959	968	2.9
86.	Evans Creek at Tipton Road, NE¼ sec. 16, T. 5 S., R. 3 E.	12.1	9.8	7.5	893	968	10.0
87.	Evans Creek at Wisner Road, NE¼ sec. 22, T. 5 S., R. 3 E.	15.0	7.9	9.4	849	968	12.7
88.	Evans Creek above Bruno Drain, SW¼ sec. 23, T. 5 S., R. 3 E.	15.3	7.4	9.9	843	968	12.6
89.	Bruno Drain at mouth, SW¼ sec. 23, T. 5 S., R. 3 E.	2.98	0	1.6	843	882	24.4
90.	Evans Creek at Bruno Drain, SW¼ sec. 23, T. 5 S., R. 3 E.	18.3	7.4	9.9	843	968	12.6
91.	Evans Creek above Taylor Creek, SW¼ sec. 24, T. 5 S., R. 3 E.	18.7	6.5	10.8	835	968	12.3
92.	Taylor Creek at mouth, SW¼ sec. 24, T. 5 S., R. 3 E.	4.24	0	3.9	835	938	26.4

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN – Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
93.	Evans Creek at Taylor Creek, SW¼ sec. 24, T. 5 S., R. 3 E.	22.9	6.5	10.8	835	968	12.3
94.	Evans Creek above Lamkin Drain, SW¼ sec. 24, T. 5 S., R. 3 E.	23.0	6.4	10.9	834	968	12.3
95.	Lamkin Drain at mouth, SW¼ sec. 24, T. 5 S., R. 3 E.	3.52	0	1.6	834	858	15.0
96.	Evans Creek at Lamkin Drain, SW¼ sec. 24, T. 5 S., R. 3 E.	26.5	6.4	10.9	834	968	12.3
97.	Evans Creek at mouth, SW¼ sec. 27, T. 5 S., R. 4 E.	34.2	0	17.3	760	968	12.0
98.	River Raisin at dam, NE¼ sec. 34, T. 5 S., R. 4 E.	257	87.2	46.5	760	1,030	5.8
99.	River Raisin at Highway 50, NE¼ sec. 34, T. 5 S., R. 4 E.	259	87.1	46.6	745	1,030	6.1
100.	River Raisin at North Raisin Center Highway (gage), NE¼ sec. 21, T. 6 S., R. 4 E.	267	80.9	52.8	711	1,030	6.0
101.	River Raisin above South Branch River Raisin, SW¼ sec. 29, T. 6 S., R. 4 E.	270	77.5	56.2	699	1,030	5.9
102.	South Branch River Raisin above unnamed tributary, SE¼ sec. 7, T. 7 S., R. 2 E.	3.32	29.6	4.1	867	935	16.6
103.	Unnamed tributary at mouth, SE¼ sec. 7, T. 7 S., R. 2 E.	2.78	0	3.2	867	940	22.8
104.	South Branch River Raisin at unnamed tributary, SE¼ sec. 7, T. 7 S., R. 2 E.	6.10	29.6	4.1	867	935	16.6
105.	South Branch River Raisin above unnamed tributary, SE¼ sec. 18, T. 7 S., R. 2 E.	7.12	27.8	5.9	847	935	14.9
106.	Unnamed tributary at mouth, SE¼ sec. 18, T. 7 S., R. 2 E.	1.66	0	2.8	847	910	22.5
107.	South Branch River Raisin, at unnamed tributary, SE¼ sec. 18, T. 7 S., R. 2 E.	8.78	27.8	5.9	847	935	14.9
108.	South Branch River Raisin above Bordine Drain, NW¼ sec. 21, T. 7 S., R. 2 E.	11.3	24.8	8.9	822	935	12.7
109.	Bordine Drain at mouth, NW¼ sec. 21, T. 7 S., R. 2 E.	1.03	0	1.7	822	840	10.6
110.	South Branch River Raisin at Bordine Drain, NW¼ sec. 21, T. 7 S., R. 2 E.	12.3	24.8	8.9	822	935	12.7
111.	South Branch River Raisin above Harrison Drain, NW¼ sec. 22, T. 7 S., R. 2 E.	13.1	23.7	10.0	812	935	12.3
112.	Harrison Drain above Nash Drain, SW¼ sec. 5, T. 7 S., R. 2 E.	1.46	4.4	2.2	874	928	24.5
113.	Nash Drain at mouth, SW¼ sec. 5, T. 7 S., R. 2 E.	1.20	0	2.6	874	936	23.8
114.	Harrison Drain at Nash Drain, SW¼ sec. 5, T. 7 S., R. 2 E.	2.66	4.4	2.2	874	928	24.5
115.	Harrison Drain above unnamed tributary, SE¼ sec. 9, T. 7 S., R. 2 E.	5.62	1.6	5.0	828	928	20.0
116.	Unnamed tributary at mouth, SE¼ sec. 9, T. 7 S., R. 2 E.	1.64	0	1.6	828	864	22.5
117.	Harrison Drain at unnamed tributary, SE¼ sec. 9, T. 7 S., R. 2 E.	7.26	1.6	5.0	828	928	20.0
118.	Harrison Drain at mouth, NW¼ sec. 22, T. 7 S., R. 2 E.	8.46	0	6.6	812	928	17.6
119.	South Branch River Raisin at Harrison Drain, NW¼ sec. 22, T. 7 S., R. 2 E.	21.5	23.7	10.0	812	935	12.3
120.	South Branch River Raisin at Sword Highway, NE¼ sec. 14, T. 7 S., R. 2 E.	23.7	21.5	12.2	795	935	11.5

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Number key	Stream and location		Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
	123456	Ranking order		above mouth	below source	at site	at source	
121.	South Branch River Raisin above Cadmus Drain, NW¼ sec. 13, T. 7 S., R. 2 E.		23.9	21.2	12.5	793	935	11.4
122.	Cadmus Drain at mouth, NW¼ sec. 13, T. 7 S., R. 2 E.		1.42	0	1.4	793	825	22.9
123.	South Branch River Raisin at Cadmus Drain, NW¼ sec. 13, T. 7 S., R. 2 E.		25.3	21.2	12.5	793	935	11.4
124.	South Branch River Raisin above Hazen Creek, NW¼ sec. 13, T. 7 S., R. 2 E.		25.4	21.0	12.7	792	935	11.3
125.	Hazen Creek at dam, NE¼ sec. 25, T. 6 S., R. 1 E.		3.60	10.6	3.9	960	1,064	26.7
126.	Hazen Creek at North Hawkins Highway, NE¼ sec. 30, T. 6 S., R. 2 E.		5.07	9.0	5.5	921	1,064	26.0
127.	Hazen Creek at Forrister Road, SW¼ sec. 28, T. 6 S., R. 2 E.		6.64	7.0	7.5	890	1,064	23.2
128.	Hazen Creek above Wallace Drain, SW¼ sec. 35, T. 6 S., R. 2 E.		8.95	4.1	10.4	836	1,064	21.9
129.	Wallace Drain above unnamed tributary, NW¼ sec. 22, T. 6 S., R. 2 E.		3.64	4.4	3.5	891	1,040	42.6
130.	Unnamed tributary at mouth, NW¼ sec. 22, T. 6 S., R. 2 E.		1.33	0	2.0	891	985	47.0
131.	Wallace Drain at unnamed tributary, NW¼ sec. 22, T. 6 S., R. 2 E.		4.97	4.4	3.5	891	1,040	42.6
132.	Wallace Drain above Stoddard Drain, NW¼ sec. 22, T. 6 S., R. 2 E.		5.03	4.2	3.7	888	1,040	41.1
133.	Stoddard Drain above unnamed tributary, NW¼ sec. 15, T. 6 S., R. 2 E.		1.09	.7	1.9	898	1,010	58.9
134.	Unnamed tributary at mouth, NW¼ sec. 15, T. 6 S., R. 2 E.		1.02	0	1.8	898	979	45.0
135.	Stoddard Drain at unnamed tributary, NW¼ sec. 15, T. 6 S., R. 2 E.		2.11	.7	1.9	898	1,010	58.9
136.	Stoddard Drain at mouth, NW¼ sec. 22, T. 6 S., R. 2 E.		2.91	0	2.6	888	1,010	46.9
137.	Wallace Drain at Stoddard Drain, NW¼ sec. 22, T. 6 S., R. 2 E.		7.94	4.2	3.7	888	1,040	41.1
138.	Wallace Drain at Hoddinott Road, NE¼ sec. 27, T. 6 S., R. 2 E.		10.1	1.9	6.0	858	1,040	30.3
139.	Penrod Drain at mouth, SE¼ sec. 27, T. 6 S., R. 2 E.		.74	0	1.4	858	915	40.7
140.	Wallace Drain at Penrod Drain, SE¼ sec. 27, T. 6 S., R. 2 E.		10.9	1.9	6.0	858	1,040	30.3
141.	Wallace Drain at mouth, SW¼ sec. 35, T. 6 S., R. 2 E.		11.7	0	7.9	836	1,040	25.8
142.	Hazen Creek at Wallace Drain, SW¼ sec. 35, T. 6 S., R. 2 E.		20.7	4.1	10.4	836	1,064	21.9
143.	Hazen Creek above Lowery Drain, NW¼ sec. 11, T. 7 S., R. 2 E.		22.1	2.2	12.3	810	1,064	20.7
144.	Lowery Drain at mouth, NW¼ sec. 11, T. 7 S., R. 2 E.		.66	0	1.4	810	853	30.7
145.	Hazen Creek at Lowery Drain, NW¼ sec. 11, T. 7 S., R. 2 E.		22.8	2.2	12.3	810	1,064	20.7
146.	Hazen Creek at Cadmus Road, SW¼ sec. 12, T. 7 S., R. 2 E.		24.9	.3	14.2	794	1,064	19.0
147.	Hazen Creek at mouth, NW¼ sec. 13, T. 7 S., R. 2 E.		25.0	0	14.5	792	1,064	18.8
148.	South Branch River Raisin at Hazen Creek, NW¼ sec. 13, T. 7 S., R. 2 E.		50.4	21.0	12.7	792	935	11.3
149.	South Branch River Raisin above Warren Drain, NE¼ sec. 25, T. 7 S., R. 2 E.		53.4	17.4	16.3	775	935	9.8
150.	Warren Drain at mouth, NE¼ sec. 25, T. 7 S., R. 2 E.		1.70	0	.7	775	792	24.3

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN –Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
151.	South Branch River Raisin at Warren Drain, NE¼ sec. 25, T. 7 S., R. 2 E.	55.1	17.4	16.3	775	935	9.8
152.	South Branch River Raisin above Stony Creek, NE¼ sec. 31, T. 7 S., R. 3 E.	57.4	14.4	19.3	764	935	8.9
153.	Big Swamp Drain (headwaters of Stony Creek) above Bovee Drain, NE¼ sec. 33, T. 7 S., R. 2 E.	2.14	5.1	2.2	801	811	4.5
154.	Bovee Drain at mouth, NE¼ sec. 33, T. 7 S., R. 2 E.	1.38	0	1.4	801	820	13.6
155.	Big Swamp Drain at Bovee Drain, NE¼ sec. 33, T. 7 S., R. 2 E.	3.52	5.1	2.2	801	811	4.5
156.	Stony Creek at Benner Highway, NE¼ sec. 34, T. 7 S., R. 2 E.	4.55	4.1	3.2	795	811	5.0
157.	Stony Creek above unnamed tributary, SW¼ sec. 36, T. 7 S., R. 2 E.	6.59	1.8	5.5	775	811	6.5
158.	Unnamed tributary at mouth, SW¼ sec. 36, T. 7 S., R. 2 E.	1.87	0	1.9	775	800	13.2
159.	Stony Creek at unnamed tributary, SW¼ sec. 36, T. 7 S., R. 2 E.	8.46	1.8	5.5	775	811	6.5
160.	Stony Creek above South Branch Stony Creek, SW¼ sec. 31, T. 7 S., R. 3 E.	8.86	1.3	6.0	771	811	6.7
161.	South Branch Stony Creek above Complex Drain, NE¼ sec. 1, T. 8 S., R. 2 E.	1.54	.5	1.4	773	780	5.0
162.	Complex Drain at mouth, NE¼ sec. 1, T. 8 S., R. 2 E.	1.23	0	2.0	773	780	8.0
163.	South Branch Stony Creek at Complex Drain, NE¼ sec. 1, T. 8 N., R. 2 E.	2.77	.5	1.4	773	780	5.0
164.	South Branch Stony Creek at mouth, SW¼ sec. 31, T. 7 S., R. 3 E.	3.13	0	1.9	771	780	4.7
165.	Stony Creek at South Branch Stony Creek, SW¼ sec. 31, T. 7 S., R. 3 E.	12.0	1.3	6.0	771	811	6.7
166.	Stony Creek at Livesay Road, NE¼ sec. 31, T. 7 S., R. 3 E.	12.9	.1	7.2	765	811	6.4
167.	Stony Creek at mouth, NE¼ sec. 31, T. 7 S., R. 3 E.	12.9	0	7.3	764	811	6.4
168.	South Branch River Raisin at Stony Creek, NE¼ sec. 31, T. 7 S., R. 3 E.	70.3	14.4	19.3	764	935	8.9
169.	South Branch River Raisin at Sand Creek Highway, NE¼ sec. 29, T. 7 S., R. 3 E.	71.8	12.3	21.4	755	935	8.4
170.	South Branch River Raisin above Porter Drain, NW¼ sec. 22, T. 7 S., R. 3 E.	75.2	9.1	24.6	745	935	7.7
171.	Porter Drain at West Carleton Road, SE¼ sec. 17, T. 7 S., R. 3 E.	3.01	1.8	2.3	781	790	7.8
172.	Porter Drain at mouth, NW¼ sec. 22, T. 7 S., R. 3 E.	3.67	0	4.1	745	790	10.7
173.	South Branch River Raisin at Porter Drain, NW¼ sec. 22, T. 7 S., R. 3 E.	78.9	9.1	24.6	745	935	7.7
174.	South Branch River Raisin above Savage Drain, NE¼ sec. 15, T. 7 S., R. 3 E.	80.2	7.9	25.8	742	935	7.5
175.	Savage Drain at mouth, NE¼ sec. 15, T. 7 S., R. 3 E.	2.83	0	3.0	742	790	16.0
176.	South Branch River Raisin at Savage Drain, NE¼ sec. 15, T. 7 S., R. 3 E.	83.1	7.9	25.8	742	935	7.5
177.	South Branch River Raisin at Highway 223, SE¼ sec. 10, T. 7 S., R. 3 E.	85.9	7.3	26.4	739	935	7.4
178.	South Branch River Raisin at Beecher Street NE¼ sec. 10, T. 7 S., R. 3 E.	86.8	6.3	27.4	736	935	7.3

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN —Continued

Number key	Stream and location		Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
	123456	Ranking order		above mouth	below source	at site	at source	
179.		South Branch River Raisin above Wolf Creek, NE¼ sec. 35, T. 6 S., R. 3 E.	89.7	4.1	29.6	726	935	7.1
180.		Wolf Creek at Springville Road, SE¼ sec. 15, T. 5 S., R. 2 E.	6.39	25.9	5.1	931	994	12.4
181.		Wolf Creek at Gilbert Highway, NW¼ sec. 36, T. 5 S., R. 2 E.	18.1	22.3	8.7	900	994	10.8
182.		Wolf Creek above Squaw Creek, NE¼ sec. 35, T. 5 S., R. 2 E.	18.7	21.8	9.2	894	994	10.9
183.		Squaw Creek above unnamed tributary, SW¼ sec. 32, T. 5 S., R. 2 E.	3.37	5.3	2.1	1,008	1,068	28.6
184.		Unnamed tributary at mouth, SW¼ sec. 32, T. 5 S., R. 2 E.	1.02	0	2.2	1,008	1,047	17.7
185.		Squaw Creek at unnamed tributary, SW¼ sec. 32, T. 5 S., R. 2 E.	4.39	5.3	2.1	1,008	1,068	28.6
186.		Squaw Creek above unnamed tributary, NW¼ sec. 3, T. 6 S., R. 2 E.	7.86	2.2	5.2	939	1,068	24.8
187.		Unnamed tributary at mouth, NW¼ sec. 3, T. 6 S., R. 2 E.	.79	0	1.9	939	1,005	34.7
188.		Squaw Creek at unnamed tributary, NW¼ sec. 3, T. 6 S., R. 2 E.	8.65	2.2	5.2	939	1,068	24.8
189.		Squaw Creek at dam, NE¼ sec. 3, T. 6 S., R. 2 E.	8.98	1.6	5.8	931	1,068	23.6
190.		Squaw Creek above unnamed tributary, SW¼ sec. 35, T. 5 S., R. 2 E.	9.16	1.2	6.2	913	1,068	25.0
191.		Unnamed tributary at mouth, SW¼ sec. 35, T. 5 S., R. 2 E.	1.54	0	3.2	913	997	26.3
192.		Squaw Creek at unnamed tributary, SW¼ sec. 35, T. 5 S., R. 2 E.	10.7	1.2	6.2	913	1,068	25.0
193.		Squaw Creek at Teachout Road, NW¼ sec. 2, T. 6 S., R. 2 E.	11.0	.7	6.7	903	1,068	24.6
194.		Squaw Creek at mouth, NE¼ sec. 35, T. 5 S., R. 2 E.	11.4	0	7.4	894	1,068	23.5
195.		Wolf Creek at Squaw Creek, NE¼ sec. 35, T. 5 S., R. 2 E.	30.2	21.8	9.2	894	994	10.9
196.		Wolf Creek at Shepherd Road, SW¼ sec. 6, T. 6 S., R. 3 E.	32.6	18.2	12.8	872	994	9.5
197.		Wolf Creek above Fouty Creek, NW¼ sec. 7, T. 6 S., R. 3 E.	32.7	17.8	13.2	868	994	9.5
198.		Fouty Creek above Gilbert Drain, NE¼ sec. 12, T. 6 S., R. 2 E.	.58	.4	1.4	878	926	34.3
199.		Gilbert Drain at mouth, NE¼ sec. 12, T. 6 S., R. 2 E.	1.38	0	2.0	878	939	30.5
200.		Fouty Creek at Gilbert Drain, NE¼ sec. 12, T. 6 S., R. 2 E.	1.96	.4	1.4	878	926	34.3
201.		Fouty Creek at mouth, NW¼ sec. 7, T. 6 S., R. 3 E.	2.12	0	1.8	868	926	32.2
202.		Wolf Creek at Fouty Creek, NW¼ sec. 7, T. 6 S., R. 3 E.	34.8	17.8	13.2	868	994	9.5
203.		Wolf Creek above Ryan Creek, NW¼ sec. 18, T. 6 S., R. 3 E.	36.9	14.5	16.5	846	994	9.0
204.		Ryan Creek at mouth, NW¼ sec. 18, T. 6 S., R. 3 E.	1.27	0	1.9	846	900	28.4
205.		Wolf Creek at Ryan Creek, NW¼ sec. 18, T. 6 S., R. 3 E.	38.2	14.5	16.5	846	994	9.0
206.		Wolf Creek above Hunt Creek, SW¼ sec. 19, T. 6 S., R. 3 E.	39.4	12.1	18.9	833	994	8.5
207.		Hunt Creek above Atwood Drain, SE¼ sec. 24, T. 6 S., R. 2 E.	.94	.8	1.4	854	899	32.1
208.		Atwood Drain at mouth, SE¼ sec. 24, T. 6 S., R. 2 E.	.61	0	1.1	854	895	37.3



PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN –Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
209.	Hunt Creek at Atwood Drain, SE¼ sec. 24, T. 6 S., R. 2 E.	1.55	0.8	1.4	854	899	32.1
210.	Hunt Creek at mouth, SW¼ sec. 19, T. 6 S., R. 3 E.	1.94	0	2.2	833	899	30.0
211.	Wolf Creek at Hunt Creek, SW¼ sec. 19, T. 6 S., R. 3 E.	41.4	12.1	18.9	833	994	8.5
212.	Wolf Creek at Burton Road, SW¼ sec. 19, T. 6 S., R. 3 E.	41.4	11.7	19.3	831	994	8.4
213.	Wolf Creek above Torry Drain, NW¼ sec. 30, T. 6 S., R. 3 E.	41.6	11.3	19.7	827	994	8.5
214.	Torry Drain at mouth, NW¼ sec. 30, T. 6 S., R. 3 E.	.44	0	.9	827	859	35.6
215.	Wolf Creek at Torry Drain, NW¼ sec. 30, T. 6 S., R. 3 E.	42.0	11.3	19.7	827	994	8.5
216.	Wolf Creek above Black Creek, NW¼ sec. 30, T. 6 S., R. 3 E.	42.0	11.2	19.8	827	994	8.4
217.	Black Creek at Shepherd Road, SE¼ sec. 4, T. 6 S., R. 3 E.	8.94	5.0	4.1	862	949	21.2
218.	Black Creek above Fisk Drain, SW¼ sec. 9, T. 6 S., R. 3 E.	9.96	3.9	5.2	854	949	18.3
219.	Fisk Drain at mouth, SW¼ sec. 9, T. 6 S., R. 3 E.	3.20	0	2.6	854	880	10.0
220.	Black Creek at Fisk Drain, SW¼ sec. 9, T. 6 S., R. 3 E.	13.2	3.9	5.2	854	949	18.3
221.	Black Creek above unnamed tributary, SW¼ sec. 17, T. 6 S., R. 3 E.	14.7	2.3	6.8	846	949	15.1
222.	Unnamed tributary at mouth, SW¼ sec. 17, T. 6 S., R. 3 E.	.83	0	1.3	846	867	16.2
223.	Black Creek at unnamed tributary, SW¼ sec. 17, T. 6 S., R. 3 E.	15.5	2.3	6.8	846	949	15.1
224.	Black Creek at Burton Road, SW¼ sec. 19, T. 6 S., R. 3 E.	16.7	.2	8.9	829	949	13.5
225.	Black Creek at mouth, NW¼ sec. 30, T. 6 S., R. 3 E.	16.7	0	9.1	827	949	13.4
226.	Wolf Creek at Black Creek, NW¼ sec. 30, T. 6 S., R. 3 E.	58.7	11.2	19.8	827	994	8.4
227.	Wolf Creek above Hood Drain, NW¼ sec. 31, T. 6 S., R. 3 E.	60.0	8.2	22.8	810	994	7.7
228.	Pickford Drain (headwaters of Hood Drain) at Highway 223, SW¼ sec. 25, T. 6 S., R. 2 E.	1.80	1.4	1.8	843	892	27.2
229.	Hood Drain at mouth, NW¼ sec. 31, T. 6 S., R. 3 E.	3.02	0	3.2	810	892	23.1
230.	Wolf Creek at Hood Drain, NW¼ sec. 31, T. 6 S., R. 3 E.	63.0	8.2	22.8	810	994	7.7
231.	Wolf Creek above unnamed tributary, SW¼ sec. 28, T. 6 S., R. 3 E.	66.5	4.6	26.4	776	994	8.3
232.	Unnamed tributary at mouth, SW¼ sec. 28, T. 6 S., R. 3 E.	.87	0	1.3	776	836	46.2
233.	Wolf Creek at unnamed tributary, SW¼ sec. 28, T. 6 S., R. 3 E.	67.3	4.6	26.4	776	994	8.3
234.	Wolf Creek above Turner Drain, SW¼ sec. 27, T. 6 S., R. 3 E.	69.7	3.0	28.0	763	994	8.3
235.	Turner Drain above unnamed tributary, NE¼ sec. 28, T. 6 S., R. 3 E.	1.83	.5	1.7	780	827	27.6
236.	Unnamed tributary at mouth, NE¼ sec. 28, T. 6 S., R. 3 E.	.88	0	1.0	780	825	45.0
237.	Turner Drain at unnamed tributary, NE¼ sec. 28, T. 6 S., R. 3 E.	2.71	.5	1.7	780	827	27.6

## PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN – Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
238.	Turner Drain at mouth, SW¼ sec. 27, T. 6 S., R. 3 E.	2.97	0	2.2	763	827	29.1
239.	Wolf Creek at Turner Drain, SW¼ sec. 27, T. 6 S., R. 3 E.	72.7	3.0	28.0	763	994	8.3
240.	Wolf Creek at Lake Adrian, NW¼ sec. 35, T. 6 S., R. 3 E.	74.2	.5	30.5	758	994	7.7
241.	Wolf Creek at mouth, NE¼ sec. 35, T. 6 S., R. 3 E.	74.2	0	31.0	726	994	8.6
242.	South Branch River Raisin at Wolf Creek, NE¼ sec. 35, T. 6 S., R. 3 E.	164	4.1	29.6	726	935	7.1
243.	South Branch River Raisin at Howell Highway, SE¼ sec. 25, T. 6 S., R. 3 E.	165	2.3	31.4	715	935	7.0
244.	South Branch River Raisin above unnamed tributary, SE¼ sec. 25, T. 6 S., R. 3 E.	165	2.0	31.7	710	935	7.1
245.	Unnamed tributary at mouth, SE¼ sec. 25, T. 6 S., R. 3 E.	1.81	0	1.9	710	789	41.6
246.	South Branch River Raisin at unnamed tributary, SE¼ sec. 25, T. 6 S., R. 3 E.	167	2.0	31.7	710	935	7.1
247.	South Branch River Raisin above Beaver Creek, SW¼ sec. 30, T. 6 S., R. 4 E.	167	1.6	32.1	707	935	7.1
248.	Slater Creek (headwaters of Beaver Creek) above Treat Drain, SE¼ sec. 11, T. 6 S., R. 3 E.	3.71	6.6	1.4	808	826	12.9
249.	Treat Drain at mouth, SE¼ sec. 11, T. 6 S., R. 3 E.	.67	0	1.1	808	848	36.4
250.	Slater Creek at Treat Drain, SE¼ sec. 11, T. 6 S., R. 3 E.	4.38	6.6	1.4	808	826	12.9
251.	Slater Creek above unnamed tributary, NW¼ sec. 14, T. 6 S., R. 3 E.	6.14	5.4	2.6	796	826	11.5
252.	Unnamed tributary at mouth, NW¼ sec. 14, T. 6 S., R. 3 E.	1.40	0	1.9	796	860	33.7
253.	Beaver Creek at unnamed tributary, NW¼ sec. 14, T. 6 S., R. 3 E.	7.54	5.4	2.6	796	826	11.5
254.	Beaver Creek above Harkness Drain, NW¼ sec. 24, T. 6 S., R. 3 E.	8.38	3.6	4.4	770	826	12.7
255.	Harkness Drain at mouth, NW¼ sec. 24, T. 6 S., R. 3 E.	3.75	0	3.4	770	791	6.2
256.	Beaver Creek at Harkness Drain, NW¼ sec. 24, T. 6 S., R. 3 E.	12.1	3.6	4.4	770	826	12.7
257.	Beaver Creek above unnamed tributary, SE¼ sec. 24, T. 6 S., R. 3 E.	14.1	1.0	7.0	720	826	15.1
258.	Unnamed tributary at mouth, SE¼ sec. 24, T. 6 S., R. 3 E.	.58	0	.9	720	779	65.6
259.	Beaver Creek at Highway 52, SE¼ sec. 24, T. 6 S., R. 3 E.	14.7	1.0	7.0	720	826	15.1
260.	Beaver Creek at mouth, SW¼ sec. 30, T. 6 S., R. 4 E.	15.2	0	8.0	707	826	14.9
261.	South Branch River Raisin at Beaver Creek, SW¼ sec. 30, T. 6 S., R. 4 E.	182	1.6	32.1	707	935	7.1
262.	South Branch River Raisin above Cook Drain, NE¼ sec. 30, T. 6 S., R. 4 E.	183	.6	33.1	702	935	7.0
263.	Cook Drain at mouth, NE¼ sec. 30, T. 6 S., R. 4 E.	8.09	0	5.0	702	796	18.8
264.	South Branch River Raisin at Cook Drain, NE¼ sec. 30, T. 6 S., R. 4 E.	191	.6	33.1	702	935	7.0
265.	South Branch River Raisin at mouth, SW¼ sec. 29, T. 6 S., R. 4 E.	191	0	33.7	699	935	7.0
266.	River Raisin at South Branch River Raisin, SW¼ sec. 29, T. 6 S., R. 4 E.	461	77.5	56.2	699	1,030	5.9

## PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN — Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
267.	River Raisin at Academy Road (gage), NW¼ sec. 5, T. 7 S., R. 4 E.	463	75.0	58.7	697	1,030	5.7
268.	River Raisin at Palmyra, NW¼ sec. 22, T. 7 S., R. 4 E.	467	66.9	66.8	683	1,030	5.2
269.	River Raisin above Black Creek, NW¼ sec. 2, T. 8 S., R. 4 E.	471	60.5	73.2	677	1,030	4.8
270.	Bear Creek (headwaters of Black Creek), at West Cadmus Road, SW¼ sec. 10, T. 7 S., R. 1 E.	2.83	36.8	2.6	914	969	21.2
271.	Bear Creek above Henning Drain, NW¼ sec. 14, T. 7 S., R. 1 E.	3.15	35.8	3.6	894	969	20.8
272.	Henning Drain at mouth, NW¼ sec. 14, T. 7 S., R. 1 E.	.57	0	1.1	894	929	31.8
273.	Bear Creek at Henning Drain, NW¼ sec. 14, T. 7 S., R. 1 E.	3.72	35.8	3.6	894	969	20.8
274.	Bear Creek at Highway 34, SE¼ sec. 14, T. 7 S., R. 1 E.	4.56	34.8	4.6	873	969	20.9
275.	Camp Drain at mouth, SE¼ sec. 26, T. 7 S., R. 1 E.	1.44	0	1.6	828	877	30.6
276.	Bear Creek at Covell Lake, SE¼ sec. 26, T. 7 S., R. 1 E.	8.53	31.5	7.9	828	969	17.8
277.	J B Drain at mouth, SE¼ sec. 26, T. 7 S., R. 1 E.	1.42	0	2.4	828	866	15.8
278.	Bear Creek at Bear Lake, SE¼ sec. 26, T. 7 S., R. 1 E.	10.2	31.0	8.4	828	969	16.8
279.	Bear Creek above Rice Lake Drain, SW¼ sec. 31, T. 7 S., R. 2 E.	11.6	28.9	10.5	818	969	14.4
280.	Rice Lake Drain at mouth, SW¼ sec. 31, T. 7 S., R. 2 E.	1.75	0	2.3	818	834	7.0
281.	Bear Creek at Rice Lake Drain, SW¼ sec. 31, T. 7 S., R. 2 E.	13.4	28.9	10.5	818	969	14.4
282.	Bear Creek at Medina Road, SW¼ sec. 31, T. 7 S., R. 2 E.	13.5	28.8	10.6	814	969	14.6
283.	Bear Creek at Seneca Road, SE¼ sec. 4, T. 8 S., R. 2 E.	17.1	24.8	14.6	781	969	12.9
284.	Bear Creek at Packard Road, SW¼ sec. 11, T. 8 S., R. 2 E.	20.2	22.3	17.1	769	969	11.7
285.	Bear Creek at Elliott Road, SE¼ sec. 14, T. 8 S., R. 2 E.	24.5	20.4	19.0	758	969	11.1
286.	Black Creek above unnamed tributary, SE¼ sec. 18, T. 8 S., R. 3 E.	27.4	18.0	21.4	738	969	10.8
287.	Unnamed tributary at mouth, SE¼ sec. 18, T. 8 S., R. 3 E.	1.11	0	2.1	738	798	28.6
288.	Black Creek at unnamed tributary, SE¼ sec. 18, T. 8 S., R. 3 E.	28.5	18.0	21.4	738	969	10.8
289.	Black Creek at Sand Creek Highway, SE¼ sec. 18, T. 8 S., R. 3 E.	28.6	17.6	21.8	736	969	10.7
290.	Black Creek above Weston Drain, SW¼ sec. 17, T. 8 S., R. 3 E.	28.9	17.0	22.4	733	969	10.5
291.	Weston Drain at mouth, SW¼ sec. 17, T. 8 S., R. 3 E.	1.61	0	2.2	733	770	16.8
292.	Black Creek at Weston Drain, SW¼ sec. 17, T. 8 S., R. 3 E.	30.5	17.0	22.4	733	969	10.5
293.	Black Creek above Baker and May Drain, NE¼ sec. 17, T. 8 S., R. 3 E.	31.4	16.1	23.3	729	969	10.3
294.	Baker and May Drain above unnamed tributary, SE¼ sec. 4, T. 8 S., R. 3 E.	3.69	2.2	3.8	748	797	12.9
295.	Unnamed tributary at mouth, SE¼ sec. 4, T. 8 S., R. 3 E.	1.14	0	1.9	748	795	24.7

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN – Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
296.	Baker and May Drain at unnamed tributary, SE¼ sec. 4, T. 8 S., R. 3 E.	4.83	2.2	3.8	748	797	12.9
297.	Baker and May Drain above Hoadley Drain, SW¼ sec. 9, T. 8 S., R. 3 E.	5.56	.7	5.3	734	797	11.9
298.	Hoadley Drain at mouth, SW¼ sec. 9, T. 8 S., R. 3 E.	2.56	0	2.3	734	810	33.0
299.	Baker and May Drain at Hoadley Drain, SW¼ sec. 9, T. 8 S., R. 3 E.	8.12	.7	5.3	734	797	11.9
300.	Baker and May Drain at mouth, NE¼ sec. 17, T. 8 S., R. 3 E.	8.72	0	6.0	729	797	11.3
301.	Black Creek at Baker and May Drain, NE¼ sec. 17, T. 8 S., R. 3 E.	40.1	16.1	23.3	729	969	10.3
302.	Black Creek at Highway 52, SE¼ sec. 10, T. 8 S., R. 3 E.	42.4	12.6	26.8	710	969	9.7
303.	Black Creek above Nile Ditch, NW¼ sec. 14, T. 8 S., R. 3 E.	42.5	12.2	27.2	709	969	9.6
304.	Nile Ditch above unnamed tributary, SE¼ sec. 25, T. 8 S., R. 2 E.	1.86	11.6	2.1	764	783	9.0
305.	Unnamed tributary at mouth, SE¼ sec. 25, T. 8 S., R. 2 E.	1.94	0	2.6	764	778	5.4
306.	Nile Ditch at unnamed tributary, SE¼ sec. 25, T. 8 S., R. 2 E.	3.80	11.6	2.1	764	783	9.0
307.	Nile Ditch above unnamed tributary, NE¼ sec. 32, T. 8 S., R. 3 E.	7.09	8.7	5.0	746	783	7.4
308.	Unnamed tributary above unnamed tributary, SW¼ sec. 32, T. 8 S., R. 3 E.	3.48	.3	5.3	748	792	8.3
309.	Unnamed tributary at mouth, SW¼ sec. 32, T. 8 S., R. 3 E.	2.61	0	2.4	748	773	10.4
310.	Unnamed tributary at unnamed tributary, SW¼ sec. 32, T. 8 S., R. 3 E.	6.09	.3	5.3	748	792	8.3
311.	Unnamed tributary at mouth, NE¼ sec. 32, T. 8 S., R. 3 E.	6.17	0	5.6	746	792	8.2
312.	Nile Ditch at unnamed tributary, NE¼ sec. 32, T. 8 S., R. 3 E.	13.3	8.7	5.0	746	783	7.4
313.	Nile Ditch at Lyons Highway, NE¼ sec. 32, T. 8 S., R. 3 E.	13.8	8.3	5.4	743	783	7.4
314.	Nile Ditch at Highway 52, NE¼ sec. 34, T. 8 S., R. 3 E.	15.2	5.5	8.2	731	783	6.3
315.	Nile Ditch above unnamed tributary, NE¼ sec. 35, T. 8 S., R. 3 E.	16.1	4.5	9.2	727	783	6.1
316.	Unnamed tributary at mouth, NE¼ sec. 35, T. 8 S., R. 3 E.	1.12	0	3.1	727	758	10.0
317.	Nile Ditch at unnamed tributary, NE¼ sec. 35, T. 8 S., R. 3 E.	17.2	4.5	9.2	727	783	6.1
318.	Nile Ditch above Raymond Drain, NE¼ sec. 26, T. 8 S., R. 3 E.	18.3	2.7	11.0	719	783	5.8
319.	Raymond Drain at mouth, NE¼ sec. 26, T. 8 S., R. 3 E.	.69	0	1.3	719	738	14.6
320.	Nile Ditch at Raymond Drain, NE¼ sec. 26, T. 8 S., R. 3 E.	19.0	2.7	11.0	719	783	5.8
321.	Nile Ditch above Knapp Drain, SW¼ sec. 23, T. 8 S., R. 3 E.	19.1	2.2	11.5	716	783	5.8
322.	Knapp Drain above Nelson Drain, SW¼ sec. 23, T. 8 S., R. 3 E.	2.69	0	3.0	716	751	11.7
323.	Nelson Drain at mouth, SW¼ sec. 23, T. 8 S., R. 3 E.	1.23	0	1.3	716	740	18.5
324.	Knapp Drain at Nelson Drain, SW¼ sec. 23, T. 8 S., R. 3 E.	3.92	0	3.0	716	751	11.7
325.	Knapp Drain at mouth, SW¼ sec. 23, T. 8 S., R. 3 E.	3.92	0	3.0	716	751	11.7

## PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN —Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
326.	Nile Ditch at Knapp Drain, SW¼ sec. 23, T. 8 S., R. 3 E.	23.0	2.2	11.5	716	783	5.8
327.	Nile Ditch above Abbott Drain, SW¼ sec. 14, T. 8 S., R. 3 E.	23.8	.7	13.0	711	783	5.5
328.	Abbott Drain at mouth, SW¼ sec. 14, T. 8 S., R. 3 E.	1.10	0	2.5	711	760	19.6
329.	Nile Ditch at Abbott Drain, SW¼ sec. 14, T. 8 S., R. 3 E.	24.9	.7	13.0	711	783	5.5
330.	Nile Ditch at Arnold Highway, SW¼ sec. 14, T. 8 S., R. 3 E.	25.0	.6	13.1	711	783	5.5
331.	Nile Ditch at mouth, NW¼ sec. 14, T. 8 S., R. 3 E.	25.4	0	13.7	709	783	5.4
332.	Black Creek at Nile Ditch, NW¼ sec. 14, T. 8 S., R. 3 E.	67.9	12.2	27.2	709	969	9.6
333.	Black Creek above Walker Drain, SW¼ sec. 11, T. 8 S., R. 3 E.	68.0	11.8	27.6	708	969	9.4
334.	Walker Drain at mouth, SW¼ sec. 11, T. 8 S., R. 3 E.	2.00	0	2.5	708	767	23.6
335.	Black Creek at Walker Drain, SW¼ sec. 11, T. 8 S., R. 3 E.	70.0	11.8	27.6	708	969	9.4
336.	Black Creek above Holmes Drain, SW¼ sec. 12, T. 8 S., R. 3 E.	70.9	10.2	29.2	706	969	9.4
337.	Holmes Drain at mouth, SW¼ sec. 12, T. 8 S., R. 3 E.	1.38	0	2.6	706	761	21.2
338.	Black Creek at Holmes Drain, SW¼ sec. 12, T. 8 S., R. 3 E.	72.3	10.2	29.2	706	969	9.4
339.	Black Creek above Foot Drain, SE¼ sec. 6, T. 8 S., R. 4 E.	74.7	6.1	33.3	691	696	8.3
340.	Foot Drain at mouth, SE¼ sec. 6, T. 8 S., R. 4 E.	2.58	0	2.6	691	730	15.0
341.	Black Creek at Foot Drain, SE¼ sec. 6, T. 8 S., R. 4 E.	77.3	6.1	33.3	691	969	8.3
342.	Black Creek above Walker Brook, SE¼ sec. 5, T. 8 S., R. 4 E.	77.6	5.4	34.0	689	969	8.2
343.	Walker Brook at mouth, SE¼ sec. 5, T. 8 S., R. 4 E.	4.36	0	4.0	689	720	7.8
344.	Black Creek at Walker Brook, SE¼ sec. 5, T. 8 S., R. 4 E.	81.9	5.4	34.0	689	969	8.2
345.	Black Creek above Gleason Brook, NW¼ sec. 4, T. 8 S., R. 4 E.	82.2	4.3	35.1	686	969	8.1
346.	Gleason Brook at mouth, NW¼ sec. 4, T. 8 S., R. 4 E.	4.93	0	6.0	686	785	16.5
347.	Black Creek at Gleason Brook, NW¼ sec. 4, T. 8 S., R. 4 E.	87.1	4.3	35.1	686	969	8.1
348.	Black Creek above Bear Creek, SW¼ sec. 4, T. 8 S., R. 4 E.	87.2	3.9	35.5	685	969	8.0
349.	Bear Creek above unnamed tributary, NW¼ sec. 20, T. 9 S., R. 3 E.	4.81	16.6	5.2	756	797	7.9
350.	Unnamed tributary at mouth, NW¼ sec. 20, T. 9 S., R. 3 E.	6.40	0	5.7	756	790	6.0
351.	Bear Creek at unnamed tributary, NW¼ sec. 20, T. 9 S., R. 3 E.	11.2	16.6	5.2	756	797	7.9
352.	Bear Creek above unnamed tributary, NE¼ sec. 20, T. 9 S., R. 3 E.	11.4	16.0	5.8	753	797	7.6
353.	Unnamed tributary at mouth, NE¼ sec. 20, T. 9 S., R. 3 E.	2.30	0	3.1	753	770	5.5
354.	Bear Creek at unnamed tributary, NE¼ sec. 20, T. 9 S., R. 3 E.	13.7	16.0	5.8	753	797	7.6
355.	Bear Creek at Highway 120, NE¼ sec. 15, T. 9 S., R. 3 E.	16.0	12.8	9.0	741	797	6.2

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN —Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
356.	Bear Creek above Little Bear Creek, NE¼ sec. 12, T. 9 S., R. 3 E.	17.8	9.4	12.4	728	797	5.6
357.	Little Bear Creek at mouth, NE¼ sec. 12, T. 9 S., R. 3 E.	4.54	0	5.3	728	756	5.3
358.	Bear Creek at Little Bear Creek, NE¼ sec. 12, T. 9 S., R. 3 E.	22.3	9.4	12.4	728	797	5.6
359.	Bear Creek at Michigan-Ohio State Line, SW¼ sec. 6, T. 9 S., R. 4 E.	22.5	8.9	12.9	726	797	5.5
360.	Bear Creek above unnamed tributary, SE¼ sec. 30, T. 8 S., R. 4 E.	26.8	5.4	16.4	712	797	5.2
361.	Unnamed tributary at mouth, SE¼ sec. 30, T. 8 S., R. 4 E.	4.60	0	6.8	712	755	6.3
362.	Bear Creek at unnamed tributary, SE¼ sec. 30, T. 8 S., R. 4 E.	31.4	5.4	16.4	712	797	5.2
363.	Bear Creek at Victorville Road, NW¼ sec. 9, T. 8 S., R. 4 E.	38.3	.7	21.1	688	797	5.2
364.	Bear Creek at mouth, SW¼ sec. 4, T. 8 S., R. 4 E.	38.8	0	21.8	685	797	5.1
365.	Black Creek at Bear Creek, SW¼ sec. 4, T. 8 S., R. 4 E.	126	3.9	35.5	685	969	8.0
366.	Black Creek above Big Meadow Drain, NW¼ sec. 3, T. 8 S., R. 4 E.	127	2.2	37.2	681	969	7.7
367.	Big Meadow Drain above unnamed tributary, SW¼ sec. 21, T. 7 S., R. 4 E.	2.23	2.8	3.0	702	765	21.0
368.	Unnamed tributary at mouth, SW¼ sec. 21, T. 7 S., R. 4 E.	2.92	0	2.3	702	734	13.9
369.	Big Meadow Drain at unnamed tributary, SW¼ sec. 21, T. 7 S., R. 4 E.	5.15	2.8	3.0	702	765	21.0
370.	Big Meadow Drain above Bixby Drain, NE¼ sec. 33, T. 7 S., R. 4 E.	6.19	.8	5.0	688	765	15.4
371.	Bixby Drain at mouth, NE¼ sec. 33, T. 7 S., R. 4 E.	4.46	0	4.2	688	746	17.1
372.	Big Meadow Drain at Bixby Drain, NE¼ sec. 33, T. 7 S., R. 4 E.	10.6	.8	5.0	688	765	15.4
373.	Big Meadow Drain at East Gorman Road, NW¼ sec. 34, T. 7 S., R. 4 E.	10.7	.6	5.2	686	765	15.2
374.	Big Meadow Drain above Grinnell Drain, SW¼ sec. 34, T. 7 S., R. 4 E.	10.8	.3	5.5	684	765	14.7
375.	Grinnell Drain at mouth, SW¼ sec. 34, T. 7 S., R. 4 E.	2.19	0	2.5	684	710	10.4
376.	Big Meadow Drain at Grinnell Drain, SW¼ sec. 34, T. 7 S., R. 4 E.	13.0	.3	5.5	684	765	14.7
377.	Big Meadow Drain at mouth, NW¼ sec. 3, T. 8 S., R. 4 E.	13.2	0	5.8	681	765	14.5
378.	Black Creek at Big Meadow Drain, NW¼ sec. 3, T. 8 S., R. 4 E.	140	2.2	37.2	681	969	7.7
379.	Black Creek at Crockett Road, NE¼ sec. 3, T. 8 S., R. 4 E.	141	1.2	38.2	679	969	7.6
380.	Black Creek above Hahn Drain, NW¼ sec. 2, T. 8 S., R. 4 E.	141	.6	38.8	678	969	7.5
381.	Hahn Drain above Corbin Drain, SE¼ sec. 15, T. 8 S., R. 4 E.	3.06	2.8	3.2	698	720	6.9
382.	Corbin Drain at mouth, SE¼ sec. 15, T. 8 S., R. 4 E.	4.40	0	5.4	698	730	5.9
383.	Hahn Drain at Corbin Drain, SE¼ sec. 15, T. 8 S., R. 4 E.	7.46	2.8	3.2	698	720	6.9
384.	Hahn Drain at Crockett Road, SE¼ sec. 3, T. 8 S., R. 4 E.	10.6	.3	5.7	682	720	6.7
385.	Hahn Drain at mouth, NW¼ sec. 2, T. 8 S., R. 4 E.	10.7	0	6.0	678	720	7.0

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN – Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
386.	Black Creek at Hahn Drain, NW¼ sec. 2, T. 8 S., R. 4 E.	151	0.6	38.8	678	969	7.5
387.	Black Creek at mouth, NW¼ sec. 2, T. 8 S., R. 4 E.	152	0	39.4	677	969	7.4
388.	River Raisin at Black Creek, NW¼ sec. 2, T. 8 S., R. 4 E.	622	60.5	73.2	677	1,030	4.8
389.	River Raisin above Bay Drain, NW¼ sec. 1, T. 8 S., R. 4 E.	623	59.4	74.3	676	1,030	4.8
390.	Bay Drain at mouth, NW¼ sec. 1, T. 8 S., R. 4 E.	5.25	0	6.4	676	720	6.9
391.	River Raisin at Bay Drain, NW¼ sec. 1, T. 8 S., R. 4 E.	628	59.4	74.3	676	1,030	4.8
392.	River Raisin above Van Vleet Drain, SE¼ sec. 36, T. 7 S., R. 4 E.	629	57.9	75.8	674	1,030	4.7
393.	Van Vleet Drain at mouth, SE¼ sec. 36, T. 7 S., R. 4 E.	1.83	0	2.5	674	700	10.4
394.	River Raisin at Van Vleet Drain, SE¼ sec. 36, T. 7 S., R. 4 E.	631	57.9	75.8	674	1,030	4.7
395.	River Raisin above Clement Drain, SW¼ sec. 31, T. 7 S., R. 5 E.	631	57.3	76.4	674	1,030	4.7
396.	Clement Drain at mouth, SW¼ sec. 31, T. 7 S., R. 5 E.	6.42	0	5.5	674	710	6.5
397.	River Raisin at Clement Drain, SW¼ sec. 31, T. 7 S., R. 5 E.	637	57.3	76.4	674	1,030	4.7
398.	River Raisin above Eddy Extension Drian, SW¼ sec. 31, T. 7 S., R. 5 E.	637	57.1	76.6	673	1,030	4.7
399.	Eddy Extension Drain at mouth, SW¼ sec. 31, T. 7 S., R. 5 E.	3.97	0	4.5	673	708	7.8
400.	River Raisin at Eddy Extension Drain, SW¼ sec. 31, T. 7 S., R. 5 E.	641	57.1	76.6	673	1,030	4.7
401.	River Raisin at Highway 223, SE¼ sec. 30, T. 7 S., R. 5 E.	643	54.6	79.1	671	1,030	4.5
402.	River Raisin above Hill Drain, SE¼ sec. 20, T. 7 S., R. 5 E.	645	51.0	82.7	666	1,030	4.4
403.	Hill Drain above Bowerman Drain, SW¼ sec. 20, T. 7 S., R. 5 E.	2.07	1.0	4.1	678	710	7.8
404.	Bowerman Drain at mouth, SW¼ sec. 20, T. 7 S., R. 5 E.	2.35	0	2.9	678	699	7.2
405.	Hill Drain at Bowerman Drain, SW¼ sec. 20, T. 7 S., R. 5 E.	4.42	1.0	4.1	678	710	7.8
406.	Hill Drain at mouth, SE¼ sec. 20, T. 7 S., R. 5 E.	4.89	0	5.1	666	710	8.6
407.	River Raisin at Hill Drain, SE¼ sec. 20, T. 7 S., R. 5 E.	650	51.0	82.7	666	1,030	4.4
408.	River Raisin above Pease Drain, NW¼ sec. 21, T. 7 S., R. 5 E.	651	49.5	84.2	664	1,030	4.3
409.	Pease Drain at mouth, NW¼ sec. 21, T. 7 S., R. 5 E.	3.51	0	4.3	664	700	8.4
410.	River Raisin at Pease Drain, NW¼ sec. 21, T. 7 S., R. 5 E.	654	49.5	84.2	664	1,030	4.3
411.	River Raisin above Keller Drain, NW¼ sec. 22, T. 7 S., R. 5 E.	655	48.5	85.2	663	1,030	4.3
412.	Keller Drain above Riga Drain, SW¼ sec. 22, T. 7 S., R. 5 E.	4.24	.7	6.4	670	700	4.7
413.	Riga Drain above unnamed tributary, SE¼ sec. 28, T. 7 S., R. 5 E.	3.49	1.1	2.8	679	696	6.1
414.	Unnamed tributary at mouth, SE¼ sec. 28, T. 7 S., R. 5 E.	5.90	0	4.7	679	705	5.5
415.	Riga Drain at unnamed tributary, SE¼ sec. 28, T. 7 S., R. 5 E.	9.39	1.1	2.8	679	696	6.1

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN –Continued

Number key	Stream and location		Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
	123456	Ranking order		above mouth	below source	at site	at source	
416.		Riga Drain at Carroll Road, NE¼ sec. 28, T. 7 S., R. 5 E.	9.69	0.2	3.7	672	696	6.5
417.		Riga Drain at mouth, SW¼ sec. 22, T. 7 S., R. 5 E.	9.73	0	3.9	670	696	6.7
418.		Keller Drain at Riga Drain, SW¼ sec. 22, T. 7 S., R. 5 E.	14.0	.7	6.4	670	700	4.7
419.		Keller Drain at mouth, NW¼ sec. 22, T. 7 S., R. 5 E.	14.2	0	7.1	663	700	5.2
420.		River Raisin at Keller Drain, NW¼ sec. 22, T. 7 S., R. 5 E.	670	48.5	85.2	663	1,030	4.3
421.		River Raisin above unnamed tributary, NE¼ sec. 14, T. 7 S., R. 5 E.	672	44.1	89.6	658	1,030	4.2
422.		Unnamed tributary at mouth, NE¼ sec. 14, T. 7 S., R. 5 E.	4.65	0	6.5	658	697	6.0
423.		River Raisin at unnamed tributary, NE¼ sec. 14, T. 7 S., R. 5 E.	677	44.1	89.6	658	1,030	4.2
424.		River Raisin above Camp Drain, NE¼ sec. 12, T. 7 S., R. 5 E.	678	39.9	93.8	655	1,030	4.0
425.		Camp Drain above Brenott Drain, SW¼ sec. 1, T. 7 S., R. 5 E.	3.50	1.3	6.4	663	691	4.4
426.		Brenott Drain at mouth, SW¼ sec. 1, T. 7 S., R. 5 E.	3.02	0	6.0	663	692	4.8
427.		Camp Drain at Brenott Drain, SW¼ sec. 1, T. 7 S., R. 5 E.	6.52	1.3	6.4	663	691	4.4
428.		Camp Drain at mouth, NE¼ sec. 12, T. 7 S., R. 5 E.	7.41	0	7.7	655	691	4.7
429.		River Raisin at Deerfield, NE¼ sec. 12, T. 7 S., R. 5 E.	686	39.9	93.8	655	1,030	4.0
430.		River Raisin above Hall and Munson Drain, SW¼ sec. 7, T. 7 S., R. 6 E.	686	39.2	94.5	654	1,030	4.0
431.		Hall and Munson Drain at mouth, SW¼ sec. 7, T. 7 S., R. 6 E.	1.56	0	2.3	654	681	11.7
432.		River Raisin at Hall and Munson Drain, SW¼ sec. 7, T. 7 S., R. 6 E.	688	39.2	94.5	654	1,030	4.0
433.		River Raisin above Burton and White Drain, SE¼ sec. 8, T. 7 S., R. 6 E.	690	36.7	97.0	652	1,030	3.9
434.		Burton and White Drain at mouth, SE¼ sec. 8, T. 7 S., R. 6 E.	5.68	0	6.6	652	691	5.9
435.		River Raisin at Burton and White Drain, SE¼ sec. 8, T. 7 S., R. 6 E.	696	36.7	97.0	652	1,030	3.9
436.		River Raisin above Southwell Drain, NW¼ sec. 9, T. 7 S., R. 6 E.	696	35.4	98.3	651	1,030	3.9
437.		Southwell Drain at mouth, NW¼ sec. 9, T. 7 S., R. 6 E.	4.25	0	3.2	651	670	5.9
438.		River Raisin at Southwell Drain, NW¼ sec. 9, T. 7 S., R. 6 E.	700	35.4	98.3	651	1,030	3.9
439.		River Raisin at Petersburg, NE¼ sec. 4, T. 7 S., R. 6 E.	701	33.1	100.6	649	1,030	3.8
440.		River Raisin above Miller Drain, NW¼ sec. 4, T. 7 S., R. 6 E.	701	32.7	101.0	649	1,030	3.8
441.		Miller Drain at mouth, NW¼ sec. 4, T. 7 S., R. 6 E.	1.20	0	2.2	649	678	13.2
442.		River Raisin at Miller Drain, NW¼ sec. 4, T. 7 S., R. 6 E.	703	32.7	101.0	649	1,030	3.8
443.		River Raisin above Roe Drain, SW¼ sec. 34, T. 6 S., R. 6 E.	703	31.0	102.7	647	1,030	3.7
444.		Roe Drain at mouth, SW¼ sec. 34, T. 6 S., R. 6 E.	2.10	0	4.0	647	672	6.3
445.		River Raisin at Roe Drain, SW¼ sec. 34, T. 6 S., R. 6 E.	705	31.0	102.7	647	1,030	3.7



PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN —Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
446.	River Raisin above Stacy Drain, NE¼ sec. 35, T. 6 S., R. 6 E.	707	28.5	105.2	645	1,030	3.7
447.	Stacy Drain at mouth, NE¼ sec. 35, T. 6 S., R. 6 E.	3.89	0	4.7	645	680	7.4
448.	River Raisin at Stacy Drain, NE¼ sec. 35, T. 6 S., R. 6 E.	711	28.5	105.2	645	1,030	3.7
449.	River Raisin above Dunlap Drain, SE¼ sec. 23, T. 6 S., R. 6 E.	713	24.9	108.8	642	1,030	3.6
450.	Dunlap Drain at mouth, SE¼ sec. 23, T. 6 S., R. 6 E.	3.55	0	5.6	642	672	5.4
451.	River Raisin at Dunlap Drain, SE¼ sec. 23, T. 6 S., R. 6 E.	717	24.9	108.8	642	1,030	3.6
452.	River Raisin above Little River Raisin, SE¼ sec. 23, T. 6 S., R. 6 E.	717	24.7	109.0	642	1,030	3.6
453.	Little River Raisin at Forche Road, NE¼ sec. 7, T. 7 S., R. 5 E.	3.18	11.9	5.2	685	717	6.2
454.	Little River Raisin at Lenawee Road, NE¼ sec. 30, T. 6 S., R. 5 E.	7.49	5.8	11.3	666	717	4.5
455.	Little River Raisin above Swamp Raisin Creek, SW¼ sec. 22, T. 6 S., R. 6 E.	10.0	1.6	15.5	652	717	4.2
456.	Swamp Raisin Creek above Westgate Drain, NW¼ sec. 2, T. 7 S., R. 4 E.	3.99	12.5	3.0	697	738	13.7
457.	Westgate Drain at mouth, NW¼ sec. 2, T. 7 S., R. 4 E.	2.13	0	2.6	697	750	20.4
458.	Swamp Raisin Creek at Westgate Drain, NW¼ sec. 2, T. 7 S., R. 4 E.	6.12	12.5	3.0	697	738	13.7
459.	Swamp Raisin Creek above Ash Drain, SW¼ sec. 35, T. 6 S., R. 4 E.	6.23	12.2	3.3	695	738	13.0
460.	Ash Drain at mouth, SW¼ sec. 35, T. 6 S., R. 4 E.	2.39	0	2.7	695	755	22.2
461.	Swamp Raisin Creek at Ash Drain, SW¼ sec. 35, T. 6 S., R. 4 E.	8.62	12.2	3.3	695	738	13.0
462.	Swamp Raisin Creek above unnamed tributary, SW¼ sec. 32, T. 6 S., R. 5 E.	10.8	9.2	6.3	678	738	9.5
463.	Unnamed tributary at mouth, SW¼ sec. 32, T. 6 S., R. 5 E.	1.40	0	3.5	678	716	10.8
464.	Swamp Raisin Creek at unnamed tributary, SW¼ sec. 32, T. 6 S., R. 5 E.	12.2	9.2	6.3	678	738	9.5
465.	Swamp Raisin Creek above Isley Drain, SE¼ sec. 32, T. 6 S., R. 5 E.	13.1	8.4	7.1	676	738	8.7
466.	Isley Drain at mouth, SE¼ sec. 32, T. 6 S., R. 5 E.	2.46	0	4.7	676	708	6.8
467.	Swamp Raisin Creek at Isley Drain, SE¼ sec. 32, T. 6 S., R. 5 E.	15.6	8.4	7.1	676	738	8.7
468.	Swamp Raisin Creek above Spring Brook, NW¼ sec. 34, T. 6 S., R. 5 E.	16.2	7.0	8.5	671	738	7.9
469.	Spring Brook above Woodruff Brook, NE¼ sec. 32, T. 6 S., R. 5 E.	1.94	1.5	3.5	678	728	14.3
470.	Woodruff Brook at mouth, NE¼ sec. 32, T. 6 S., R. 5 E.	3.66	0	4.4	678	770	20.9
471.	Spring Brook at Woodruff Brook, NE¼ sec. 32, T. 6 S., R. 5 E.	5.60	1.5	3.5	678	728	14.3
472.	Spring Brook at mouth, NW¼ sec. 34, T. 6 S., R. 5 E.	6.19	0	5.0	671	728	11.4
473.	Swamp Raisin Creek at Spring Brook, NW¼ sec. 34, T. 6 S., R. 5 E.	22.4	7.0	8.5	671	738	7.9
474.	Swamp Raisin Creek above Schwab Drain, SE¼ sec. 27, T. 6 S., R. 5 E.	23.7	6.3	9.2	669	738	7.5
475.	Schwab Drain at mouth, SE¼ sec. 27, T. 6 S., R. 5 E.	3.32	0	5.9	669	768	16.8

## PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN –Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
476.	Swamp Raisin Creek at Schwab Drain, SE¼ sec. 27, T. 6 S., R. 5 E.	27.0	6.3	9.2	669	738	7.5
477.	Swamp Raisin Creek at Brewer Road, SE¼ sec. 21, T. 6 S., R. 6 E.	31.6	.9	14.6	657	738	5.5
478.	Swamp Raisin Creek at mouth, SW¼ sec. 22, T. 6 S., R. 6 E.	31.9	0	15.5	652	738	5.5
479.	Little River Raisin at Swamp Raisin Creek, SW¼ sec. 22, T. 6 S., R. 6 E.	41.9	1.6	15.5	652	717	4.2
480.	Little River Raisin at Davis Road, SW¼ sec. 23, T. 6 S., R. 6 E.	42.9	.1	17.0	643	717	4.4
481.	Little River Raisin at mouth, SW¼ sec. 23, T. 6 S., R. 6 E.	42.9	0	17.1	642	717	4.4
482.	River Raisin at Little River Raisin, SW¼ sec. 23, T. 6 S., R. 6 E.	760	24.7	109.0	642	1,030	3.6
483.	River Raisin at Dundee, SE¼ sec. 13, T. 6 S., R. 6 E.	761	23.0	110.7	640	1,030	3.5
484.	River Raisin above Macon River, NW¼ sec. 8, T. 6 S., R. 7 E.	764	18.5	115.2	634	1,030	3.4
485.	Middle Branch Macon River above unnamed tributary, NE¼ sec. 5, T. 5 S., R. 5 E.	3.82	21.3	5.0	788	870	16.4
486.	Unnamed tributary at mouth, NE¼ sec. 5, T. 5 S., R. 5 E.	2.43	0	1.9	788	845	30.0
487.	Middle Branch Macon River at unnamed tributary, NE¼ sec. 5, T. 5 S., R. 5 E.	6.25	21.3	5.0	788	870	16.4
488.	Middle Branch Macon River at Clinton–Macon Road, SE¼ sec. 5, T. 5 S., R. 5 E.	6.76	20.0	6.3	767	870	16.3
489.	Middle Branch Macon River above unnamed tributary, NE¼ sec. 16, T. 5 S., R. 5 E.	10.0	16.8	9.5	729	870	14.8
490.	Unnamed tributary at mouth, NE¼ sec. 16, T. 5 S., R. 5 E.	4.19	0	4.9	729	788	12.0
491.	Middle Branch Macon River at unnamed tributary, NE¼ sec. 16, T. 5 S., R. 5 E.	14.2	16.8	9.5	729	870	14.8
492.	Middle Branch Macon River above unnamed tributary, NE¼ sec. 22, T. 5 S., R. 5 E.	14.7	15.5	10.8	718	870	14.1
493.	Unnamed tributary at mouth, NE¼ sec. 22, T. 5 S., R. 5 E.	1.69	0	2.1	718	730	5.7
494.	Middle Branch Macon River at unnamed tributary, NE¼ sec. 22, T. 5 S., R. 5 E.	16.4	15.5	10.8	718	870	14.1
495.	Middle Branch Macon River above unnamed tributary, SE¼ sec. 21, T. 5 S., R. 5 E.	17.1	14.5	11.8	709	870	13.6
496.	Unnamed tributary at mouth, SE¼ sec. 21, T. 5 S., R. 5 E.	.88	0	1.7	709	770	35.9
497.	Middle Branch Macon River at unnamed tributary, SE¼ sec. 21, T. 5 S., R. 5 E.	17.9	14.5	11.8	709	870	13.6
498.	Middle Branch Macon River above unnamed tributary, NE¼ sec. 28, T. 5 S., R. 5 E.	18.2	14.0	12.3	706	870	13.3
499.	Unnamed tributary above unnamed tributary, NE¼ sec. 28, T. 5 S., R. 5 E.	.87	0	1.6	706	740	21.2
500.	Unnamed tributary at mouth, NE¼ sec. 28, T. 5 S., R. 5 E.	.77	0	1.3	706	760	41.5

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN –Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
501.	Unnamed tributary at unnamed tributary, NE¼ sec. 28, T. 5 S., R. 5 E.	1.64	0	1.6	706	740	21.2
502.	Middle Branch Macon River at Ridge Highway, NE¼ sec. 28, T. 5 S., R. 5 E.	19.8	14.0	12.3	706	870	13.3
503.	Middle Branch Macon River above unnamed tributary, SW¼ sec. 36, T. 5 S., R. 5 E.	21.9	10.3	16.0	682	870	11.8
504.	Unnamed tributary at mouth, SW¼ sec. 36, T. 5 S., R. 5 E.	2.09	0	3.2	682	720	11.9
505.	Middle Branch Macon River at unnamed tributary, SW¼ sec. 36, T. 5 S., R. 5 E.	24.0	10.3	16.0	682	870	11.8
506.	Middle Branch Macon River above unnamed tributary, NE¼ sec. 5, T. 6 S., R. 6 E.	25.4	7.1	19.2	661	870	10.9
507.	Unnamed tributary above unnamed tributary, SE¼ sec. 32, T. 5 S., R. 6 E.	2.89	.5	5.4	668	718	9.3
508.	Unnamed tributary above unnamed tributary, NW¼ sec. 32, T. 5 S., R. 6 E.	2.05	.6	3.2	669	699	9.4
509.	Unnamed tributary at mouth, NW¼ sec. 32, T. 5 S., R. 6 E.	1.07	0	2.8	669	700	11.1
510.	Unnamed tributary at unnamed tributary, NW¼ sec. 32, T. 5 S., R. 6 E.	3.12	1.5	2.2	669	699	13.6
511.	Unnamed tributary at mouth, SE¼ sec. 32, T. 5 S., R. 6 E.	3.37	0	3.7	668	699	8.4
512.	Unnamed tributary at unnamed tributary, SE¼ sec. 32, T. 5 S., R. 6 E.	6.26	.5	5.4	668	718	9.3
513.	Unnamed tributary at mouth, NE¼ sec. 5, T. 6 S., R. 6 E.	6.37	0	5.4	661	718	10.6
514.	Middle Branch Macon River at unnamed tributary, NE¼ sec. 5, T. 6 S., R. 6 E.	31.8	7.1	19.2	661	870	10.9
515.	Middle Branch Macon River above unnamed tributary, NE¼ sec. 9, T. 6 S., R. 6 E.	35.0	5.6	20.7	654	870	10.4
516.	Unnamed tributary at mouth, NE¼ sec. 9, T. 6 S., R. 6 E.	7.15	0	5.7	654	684	5.3
517.	Middle Branch Macon River at unnamed tributary, NE¼ sec. 9, T. 6 S., R. 6 E.	42.2	5.6	20.7	654	870	10.4
518.	Middle Branch Macon River at Wilcox Road NW¼ sec. 11, T. 6 S., R. 6 E.	43.8	4.2	22.1	646	870	10.2
519.	Middle Branch Macon River above Leppeleman Drain, SE¼ sec. 2, T. 6 S., R. 6 E.	43.9	3.9	22.4	644	870	10.1
520.	Leppeleman Drain at mouth, SE¼ sec. 2, T. 6 S., R. 6 E.	2.19	0	2.9	644	670	9.0
521.	Middle Branch Macon River at Leppeleman Drain, SE¼ sec. 2, T. 6 S., R. 6 E.	46.1	3.9	22.4	644	870	10.1
522.	Middle Branch Macon River above South Branch Macon River, SE¼ sec. 2, T. 6 S., R. 6 E.	46.4	3.5	22.8	642	870	10.0
523.	South Branch Macon River at Macon Road, NE¼ sec. 24, T. 5 S., R. 4 E.	2.49	17.5	2.1	798	840	20.0
524.	South Branch Macon River above unnamed tributary, SW¼ sec. 19, T. 5 S., R. 5 E.	2.70	16.5	3.1	781	840	19.0
525.	Unnamed tributary at mouth, SW¼ sec. 19, T. 5 S., R. 5 E.	1.76	0	2.2	781	815	15.5

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN —Continued

Number key	Stream and location		Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
	123456	Ranking order		above mouth	below source	at site	at source	
526.		South Branch Macon River at unnamed tributary, SW¼ sec. 19, T. 5 S., R. 5 E.	4.46	16.5	3.1	781	840	19.0
527.		South Branch Macon River at Tecumseh Road, SE¼ sec. 31, T. 5 S., R. 5 E.	7.88	13.4	6.2	740	840	16.1
528.		South Branch Macon River at Ridge Road, SE¼ sec. 6, T. 6 S., R. 5 E.	9.17	11.9	7.7	719	840	15.7
529.		South Branch Macon River at Britton Road, NE¼ sec. 16, T. 6 S., R. 5 E.	10.5	9.0	10.6	679	840	15.2
530.		South Branch Macon River above Dibble Drain, SW¼ sec. 14, T. 6 S., R. 5 E.	11.1	7.4	12.2	673	840	13.7
531.		Dibble Drain above Sutton Drain, SE¼ sec. 16, T. 6 S., R. 5 E.	1.58	1.6	3.8	681	770	23.4
532.		Sutton Drain at mouth, SE¼ sec. 16, T. 6 S., R. 5 E.	5.05	0	5.3	681	800	22.5
533.		Dibble Drain at Sutton Drain, SE¼ sec. 16, T. 6 S., R. 5 E.	6.63	1.6	3.8	681	770	23.4
534.		Dibble Drain at mouth, SW¼ sec. 14, T. 6 S., R. 5 E.	7.02	0	5.4	673	770	18.0
535.		South Branch Macon River at Dibble Drain, SW¼ sec. 14, T. 6 S., R. 5 E.	18.1	7.4	12.2	673	840	13.7
536.		South Branch Macon River above Kelly Drain, SE¼ sec. 13, T. 6 S., R. 5 E.	18.5	5.9	13.7	668	840	12.6
537.		Kelly Drain above Wilson Drain, SE¼ sec. 23, T. 6 S., R. 5 E.	4.58	1.3	7.2	671	780	15.1
538.		Wilson Drain at mouth, SE¼ sec. 23, T. 6 S., R. 5 E.	1.40	0	3.2	671	690	5.9
539.		Kelly Drain at Wilson Drain, SE¼ sec. 23, T. 6 S., R. 5 E.	5.98	1.3	7.2	671	780	15.1
540.		Kelly Drain above Rixon Drain, SE¼ sec. 13, T. 6 S., R. 5 E.	6.70	.4	8.1	669	780	13.7
541.		Rixon Drain at mouth, SE¼ sec. 13, T. 6 S., R. 5 E.	1.49	0	4.7	669	705	7.6
542.		Kelly Drain at Rixon Drain, SE¼ sec. 13, T. 6 S., R. 5 E.	8.19	.4	8.1	669	780	13.7
543.		Kelly Drain at mouth, SE¼ sec. 13, T. 6 S., R. 5 E.	8.25	0	8.5	668	780	13.2
544.		South Branch Macon River at Kelly Drain, SE¼ sec. 13, T. 6 S., R. 5 E.	26.8	5.9	13.7	668	840	12.5
545.		South Branch Macon River above Schreeder Brook, SE¼ sec. 13, T. 6 S., R. 5 E.	26.8	5.8	13.8	668	840	12.5
546.		Schreeder Brook at Ridge Road, NE¼ sec. 32, T. 5 S., R. 5 E.	2.14	6.9	3.8	720	789	18.2
547.		Schreeder Brook above Springbrook Drain, SE¼ sec. 10, T. 6 S., R. 5 E.	5.47	2.8	7.9	679	789	13.9
548.		Springbrook Drain at mouth, SE¼ sec. 10, T. 6 S., R. 5 E.	4.35	0	5.2	679	760	15.6
549.		Schreeder Brook at Springbrook Drain, SE¼ sec. 10, T. 6 S., R. 5 E.	9.82	2.8	7.9	679	789	13.9
550.		Schreeder Brook at mouth, SE¼ sec. 13, T. 6 S., R. 5 E.	11.3	0	10.7	668	789	11.3
551.		South Branch Macon River at Schreeder Brook, SE¼ sec. 13, T. 6 S., R. 5 E.	38.2	5.8	13.8	668	840	12.5
552.		South Branch Macon River at Tecumseh Road, NW¼ sec. 15, T. 6 S., R. 6 E.	43.6	2.1	17.5	648	840	11.3
553.		South Branch Macon River at Wilcox Road, NW¼ sec. 11, T. 6 S., R. 6 E.	45.5	.8	18.8	646	840	10.3
554.		South Branch Macon River at mouth, SE¼ sec. 2, T. 6 S., R. 6 E.	46.0	0	19.6	642	840	10.1

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN — Continue<sup>1</sup>

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
555.	Macon River at South Branch Macon River, SE¼ sec. 2, T. 6 S., R. 6 E.	92.4	3.5	22.8	642	870	9.8
556.	Macon River above North Branch Macon River, SE¼ sec. 1, T. 6 S., R. 6 E.	94.3	2.4	23.9	639	870	9.7
557.	North Branch Macon River at Arkona Road, SE¼ sec. 26, T. 4 S., R. 5 E.	7.55	16.6	4.0	746	817	17.8
558.	North Branch Macon River above unnamed tributary, NE¼ sec. 1, T. 5 S., R. 5 E.	8.53	14.5	6.1	723	817	15.4
559.	Unnamed tributary at mouth, NE¼ sec. 1, T. 5 S., R. 5 E.	1.62	0	2.7	723	770	17.4
560.	North Branch Macon River at unnamed tributary, NE¼ sec. 1, T. 5 S., R. 5 E.	10.2	14.5	6.1	723	817	15.4
561.	North Branch Macon River above unnamed tributary, SW¼ sec. 31, T. 4 S., R. 6 E.	10.4	13.7	6.9	716	817	14.6
562.	Unnamed tributary at mouth, SW¼ sec. 31, T. 4 S., R. 6 E.	3.06	0	3.1	716	779	20.3
563.	North Branch Macon River at unnamed tributary, SW¼ sec. 31, T. 4 S., R. 6 E.	13.5	13.7	6.9	716	817	14.6
564.	North Branch Macon River at Ridge Road, SE¼ sec. 31, T. 4 S., R. 6 E.	13.6	13.5	7.1	714	817	14.5
565.	North Branch Macon River at Dennison Road, SE¼ sec. 5, T. 5 S., R. 6 E.	15.5	10.9	9.7	699	817	12.1
566.	North Branch Macon River above unnamed tributary, SE¼ sec. 10, T. 5 S., R. 6 E.	18.7	7.5	13.1	683	817	10.2
567.	Unnamed tributary at mouth, SE¼ sec. 10, T. 5 S., R. 6 E.	1.11	0	1.8	683	700	9.4
568.	North Branch Macon River at unnamed tributary, SE¼ sec. 10, T. 5 S., R. 6 E.	19.8	7.5	13.1	683	817	10.2
569.	North Branch Macon River at Highway 23, NE¼ sec. 26, T. 5 S., R. 6 E.	22.2	3.9	16.7	662	817	9.3
570.	North Branch Macon River at Ostrander Road, NW¼ sec. 25, T. 5 S., R. 6 E.	23.0	3.0	17.6	657	817	9.1
571.	North Branch Macon River above Bear Swamp Creek, NW¼ sec. 36, T. 5 S., R. 6 E.	23.7	2.0	18.6	652	817	8.9
572.	Bear Swamp Creek at North County Line Road, NE¼ sec. 24, T. 5 S., R. 5 E.	6.00	6.8	4.6	693	747	11.7
573.	Bear Swamp Creek above unnamed tributary, NW¼ sec. 29, T. 5 S., R. 6 E.	6.90	5.2	6.2	675	747	11.6
574.	Unnamed tributary at mouth, NW¼ sec. 29, T. 5 S., R. 6 E.	1.39	0	2.3	675	705	13.0
575.	Bear Swamp Creek at unnamed tributary, NW¼ sec. 29, T. 5 S., R. 6 E.	8.29	5.2	6.2	675	747	11.6
576.	Bear Swamp Creek above Cone Drain, NW¼ sec. 28, T. 5 S., R. 6 E.	8.55	4.2	7.2	674	747	10.1
577.	Cone Drain at mouth, NW¼ sec. 28, T. 5 S., R. 6 E.	1.64	0	3.4	674	715	12.1
578.	Bear Swamp Creek at Cone Drain, NW¼ sec. 28, T. 5 S., R. 6 E.	10.2	4.2	7.2	674	747	10.1
579.	Bear Swamp Creek above Center Creek, NW¼ sec. 26, T. 5 S., R. 6 E.	12.0	1.8	9.6	665	747	8.5

## PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN —Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
580.	Center Creek above Rice Drain, SE¼ sec. 8, T. 5 S., R. 6 E.	1.98	4.2	2.9	695	730	13.0
581.	Rice Drain at mouth, SE¼ sec. 8, T. 5 S., R. 6 E.	.42	0	.8	695	711	20.0
582.	Center Creek at Rice Drain, SE¼ sec. 8, T. 5 S., R. 6 E.	2.40	4.2	2.9	695	730	12.1
583.	Center Creek above Nolan Engle Drain, SE¼ sec. 22, T. 5 S., R. 6 E.	4.48	1.0	6.1	669	730	10.0
584.	Nolan Engle Drain at mouth, SE¼ sec. 22, T. 5 S., R. 6 E.	1.12	0	2.0	669	690	10.5
585.	Center Creek at Nolan Engle Drain, SE¼ sec. 22, T. 5 S., R. 6 E.	5.60	1.0	6.1	669	730	10.0
586.	Center Creek at mouth, NW¼ sec. 26, T. 5 S., R. 6 E.	5.90	0	7.1	665	730	9.2
587.	Bear Swamp Creek at Center Creek, NW¼ sec. 26, T. 5 S., R. 6 E.	17.8	1.8	9.6	665	747	8.5
588.	Bear Swamp Creek above Leet Weidner Drain, SE¼ sec. 26, T. 5 S., R. 6 E.	18.2	.7	10.7	657	747	8.4
589.	Leet Weidner Drain at mouth, SE¼ sec. 26, T. 5 S., R. 6 E.	2.08	0	2.4	657	675	7.5
590.	Bear Swamp Creek at Leet Weidner Drain, SE¼ sec. 26, T. 5 S., R. 6 E.	20.2	.7	10.7	657	747	8.4
591.	Bear Swamp Creek at mouth, NW¼ sec. 36, T. 5 S., R. 6 E.	20.5	0	11.4	652	747	8.3
592.	North Branch Macon River at Bear Swamp Creek, NW¼ sec. 36, T. 5 S., R. 6 E.	44.2	2.0	18.6	652	817	8.9
593.	North Branch Macon River at Day Road, SE¼ sec. 36, T. 5 S., R. 6 E.	45.1	1.0	19.6	646	817	8.7
594.	North Branch Macon River at mouth, SE¼ sec. 1, T. 6 S., R. 6 E.	45.8	0	20.6	639	817	8.6
595.	Macon River at North Branch Macon River, SE¼ sec. 1, T. 6 S., R. 6 E.	140	2.4	23.9	639	870	9.7
596.	Macon River at mouth, NW¼ sec. 8, T. 6 S., R. 7 E.	144	0	26.3	634	870	9.0
597.	River Raisin at Macon River, NW¼ sec. 8, T. 6 S., R. 7 E.	909	18.5	115.2	634	1,030	3.4
598.	River Raisin above Saline River, SW¼ sec. 9, T. 6 S., R. 7 E.	909	17.5	116.2	633	1,030	3.4
599.	Saline River above Columbia Lake, NW¼ sec. 3, T. 4 S., R. 4 E.	3.56	44.5	2.0	860	980	60.0
600.	Unnamed tributary at mouth, NW¼ sec. 3, T. 4 S., R. 4 E.	1.47	0	1.6	860	945	53.1
601.	Saline River at Austin Road, SW¼ sec. 3, T. 4 S., R. 4 E.	7.24	43.3	3.2	853	980	39.7
602.	Saline River above Joslin Lake outlet, SE¼ sec. 13, T. 4 S., R. 4 E.	13.2	38.7	7.8	817	980	20.9
603.	Joslin Lake outlet at mouth, SE¼ sec. 13, T. 4 S., R. 4 E.	1.69	0	2.3	817	849	13.9
604.	Saline River at Joslin Lake outlet, SE¼ sec. 13, T. 4 S., R. 4 E.	14.9	38.7	7.8	817	980	20.9
605.	Saline River above unnamed tributary, SW¼ sec. 18, T. 4 S., R. 5 E.	15.0	38.3	8.2	814	980	20.2
606.	Unnamed tributary at mouth, SW¼ sec. 18, T. 4 S., R. 5 E.	5.26	0	3.3	814	834	6.1
607.	Saline River at unnamed tributary, SW¼ sec. 18, T. 4 S., R. 5 E.	20.3	38.3	8.2	814	980	20.2
608.	Saline River above unnamed tributary, NW¼ sec. 17, T. 4 S., R. 5 E.	22.5	37.0	9.5	808	980	18.1

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN – Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
609.	Unnamed tributary at mouth, NW¼ sec. 17, T. 4 S., R. 5 E.	6.26	0	5.3	808	868	11.3
610.	Saline River at unnamed tributary, NW¼ sec. 17, T. 4 S., R. 5 E.	28.8	37.0	9.5	808	980	18.1
611.	Saline River above unnamed tributary, SE¼ sec. 8, T. 4 S., R. 5 E.	29.7	36.4	10.1	806	980	17.2
612.	Unnamed tributary at mouth, SE¼ sec. 8, T. 4 S., R. 5 E.	1.95	0	2.8	806	885	28.2
613.	Saline River at unnamed tributary, SE¼ sec. 8, T. 4 S., R. 5 E.	31.6	36.4	10.1	806	980	17.2
614.	Saline River above unnamed tributary, SE¼ sec. 4, T. 4 S., R. 5 E.	34.1	34.9	11.6	800	980	15.5
615.	Unnamed tributary above unnamed tributary, NW¼ sec. 5, T. 4 S., R. 5 E.	5.02	2.0	4.4	842	915	16.6
616.	Unnamed tributary at mouth, NW¼ sec. 5, T. 4 S., R. 5 E.	1.08	0	1.4	842	885	30.7
617.	Unnamed tributary at unnamed tributary, NW¼ sec. 5, T. 4 S., R. 5 E.	6.10	2.0	4.4	842	915	16.6
618.	Unnamed tributary at mouth, SE¼ sec. 4, T. 4 S., R. 5 E.	7.45	0	6.4	800	915	18.0
619.	Saline River at unnamed tributary, SE¼ sec. 4, T. 4 S., R. 5 E.	41.6	34.9	11.6	800	980	15.5
620.	Saline River above Deppmann Lake outlet, NW¼ sec. 3, T. 4 S., R. 5 E.	42.5	34.2	12.3	796	980	15.0
621.	Deppmann Lake outlet at mouth, NW¼ sec. 3, T. 4 S., R. 5 E.	1.70	0	2.2	796	864	30.9
622.	Saline River at Deppmann Lake outlet, NW¼ sec. 3, T. 4 S., R. 5 E.	44.2	34.2	12.3	796	980	15.0
623.	Saline River above Birkle Lake outlet, SE¼ sec. 34, T. 3 S., R. 5 E.	46.2	32.7	13.8	786	980	14.1
624.	Birkle Lake outlet above unnamed tributary, SE¼ sec. 21, T. 3 S., R. 5 E.	3.19	3.3	3.7	854	910	15.1
625.	Unnamed tributary at mouth, SE¼ sec. 21, T. 3 S., R. 5 E.	1.03	0	.8	854	871	21.2
626.	Birkle Lake outlet at unnamed tributary, SE¼ sec. 21, T. 3 S., R. 5 E.	4.22	3.3	3.7	854	910	15.1
627.	Birkle Lake outlet above unnamed tributary, SE¼ sec. 27, T. 3 S., R. 5 E.	6.18	1.0	6.0	808	910	17.0
628.	Unnamed tributary above unnamed tributary, SW¼ sec. 23, T. 3 S., R. 5 E.	2.85	1.2	4.6	826	1,018	41.7
629.	Unnamed tributary at mouth, SW¼ sec. 23, T. 3 S., R. 5 E.	2.44	0	3.7	826	975	40.3
630.	Unnamed tributary at unnamed tributary, SW¼ sec. 23, T. 3 S., R. 5 E.	5.29	1.2	4.6	826	1,018	41.7
631.	Unnamed tributary at mouth, SE¼ sec. 27, T. 3 S., R. 5 E.	6.69	0	5.8	808	1,018	36.2
632.	Birkle Lake outlet at unnamed tributary, SE¼ sec. 27, T. 3 S., R. 5 E.	12.9	1.0	6.0	808	910	17.0
633.	Birkle Lake outlet at Saline Water-works Road, NE¼ sec. 34, T. 3 S., R. 5 E.	13.2	.4	6.6	798	910	17.0
634.	Birkle Lake outlet at mouth, SE¼ sec. 34, T. 3 S., R. 5 E.	13.2	0	7.0	786	910	17.7
635.	Saline River at Birkle Lake outlet, SE¼ sec. 34, T. 3 S., R. 5 E.	59.4	32.7	13.8	786	980	14.1
636.	Saline River above Wood Outlet Drain, SW¼ sec. 36, T. 3 S., R. 5 E.	61.2	31.2	15.3	759	980	14.4
637.	Wood Outlet Drain above unnamed tributary, NW¼ sec. 36, T. 3 S., R. 5 E.	5.44	1.0	6.6	790	910	18.2
638.	Unnamed tributary above unnamed tributary, NE¼ sec. 19, T. 3 S., R. 6 E.	3.41	2.7	5.4	817	1,025	38.5

## PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN — Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
639.	Unnamed tributary at mouth, NE¼ sec. 19, T. 3 S., R. 6 E.	3.02	0	3.4	817	970	45.0
640.	Unnamed tributary at unnamed tributary, NE¼ sec. 19, T. 3 S., R. 6 E.	6.43	2.7	5.4	817	1,025	38.5
641.	Unnamed tributary at mouth, NW¼ sec. 36, T. 3 S., R. 5 E.	8.26	0	8.1	790	1,025	29.0
642.	Wood Outlet Drain at unnamed tributary, NW¼ sec. 36, T. 3 S., R. 5 E.	13.7	1.0	6.6	790	910	18.2
643.	Wood Outlet Drain at mouth, SW¼ sec. 36, T. 3 S., R. 5 E.	14.2	0	7.6	759	910	19.9
644.	Saline River at Wood Outlet Drain, SW¼ sec. 36, T. 3 S., R. 5 E.	75.4	31.2	15.3	759	980	14.4
645.	Saline River at Highway 12, NW¼ sec. 1, T. 4 S., R. 5 E.	76.6	30.6	15.9	743	980	14.9
646.	Saline River above Koch Warner Drain, NE¼ sec. 12, T. 4 S., R. 5 E.	78.2	28.9	17.6	726	980	14.4
647.	Koch Warner Drain above Pittsfield No. 5 Drain, SE¼ sec. 6, T. 4 S., R. 6 E.	6.22	1.4	5.6	749	833	15.0
648.	Pittsfield No. 5 Drain at mouth, SE¼ sec. 6, T. 4 S., R. 6 E.	4.69	0	4.7	749	826	16.4
649.	Koch Warner Drain at Pittsfield No. 5 Drain, SE¼ sec. 6, T. 4 S., R. 6 E.	10.9	1.4	5.6	749	833	15.0
650.	Koch Warner Drain at mouth, NE¼ sec. 12, T. 4 S., R. 5 E.	12.2	0	7.0	726	833	15.3
651.	Saline River at Koch Warner Drain, NE¼ sec. 12, T. 4 S., R. 5 E.	90.5	28.9	17.6	726	980	14.4
652.	Saline River above unnamed tributary, SE¼ sec. 13, T. 4 S., R. 5 E.	91.9	26.3	20.2	709	980	13.4
653.	Unnamed tributary at mouth, SE¼ sec. 13, T. 4 S., R. 5 E.	2.62	0	3.2	709	827	36.9
654.	Saline River at unnamed tributary, SE¼ sec. 13, T. 4 S., R. 5 E.	94.5	26.3	20.2	709	980	13.4
655.	Saline River at Maple Road (gage), SE¼ sec. 13, T. 4 S., R. 5 E.	94.6	26.1	20.4	708	980	13.3
656.	Saline River above Ella Lee Lake outlet, SW¼ sec. 18, T. 4 S., R. 6 E.	95.2	25.4	21.1	703	980	13.1
657.	Ella Lee Lake outlet at mouth, SW¼ sec. 18, T. 4 S., R. 6 E.	6.20	0	5.7	703	808	18.4
658.	Saline River at Ella Lee Lake outlet, SW¼ sec. 18, T. 4 S., R. 6 E.	101	25.4	21.1	703	980	13.1
659.	Saline River above unnamed tributary, NW¼ sec. 28, T. 4 S., R. 6 E.	104	21.7	24.8	693	980	11.6
660.	Unnamed tributary at mouth, NW¼ sec. 28, T. 4 S., R. 6 E.	3.28	0	2.1	693	755	29.5
661.	Saline River at unnamed tributary, NW¼ sec. 28, T. 4 S., R. 6 E.	107	21.7	24.8	693	980	11.6
662.	Saline River above unnamed tributary, SW¼ sec. 28, T. 4 S., R. 6 E.	108	20.5	26.0	691	980	11.1
663.	Unnamed tributary at mouth, SW¼ sec. 28, T. 4 S., R. 6 E.	.77	0	1.5	691	740	32.7
664.	Saline River at unnamed tributary, SW¼ sec. 28, T. 4 S., R. 6 E.	108	20.5	26.0	691	980	11.1
665.	Saline River at Wabash Road, NE¼ sec. 2, T. 5 S., R. 6 E.	112	15.5	31.0	680	980	9.7
666.	Saline River at Highway 23, SW¼ sec. 1, T. 5 S., R. 6 E.	113	14.1	32.4	672	980	9.5
667.	Saline River above Sherman Wilson Drain, NW¼ sec. 18, T. 5 S., R. 7 E.	113	11.5	35.0	664	980	9.0



## PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN — Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
668.	Sherman Wilson Drain at mouth, NW¼ sec. 18, T. 5 S., R. 7 E.	1.33	0	2.6	664	690	10.0
669.	Saline River at Sherman Wilson Drain, NW¼ sec. 18, T. 5 S., R. 7 E.	115	11.5	35.0	664	980	9.0
670.	Saline River above unnamed tributary, NW¼ sec. 20, T. 5 S., R. 7 E.	116	8.4	38.1	654	980	8.6
671.	Unnamed tributary at mouth, NW¼ sec. 20, T. 5 S., R. 7 E.	1.96	0	2.5	654	674	8.0
672.	Saline River at unnamed tributary, NW¼ sec. 20, T. 5 S., R. 7 E.	118	8.4	38.1	654	980	8.6
673.	Saline River above Bear Creek, NE¼ sec. 29, T. 5 S., R. 7 E.	118	6.6	39.9	649	980	8.3
674.	Bear Creek at mouth, NE¼ sec. 29, T. 5 S., R. 7 E.	3.96	0	5.0	649	680	6.2
675.	Saline River at Bear Creek, NE¼ sec. 29, T. 5 S., R. 7 E.	122	6.6	39.9	649	980	8.3
676.	Saline River above Beaver Meadow Drain, SE¼ sec. 32, T. 5 S., R. 7 E.	124	3.5	43.0	639	980	7.9
677.	Beaver Meadow Drain at mouth, SE¼ sec. 32, T. 5 S., R. 7 E.	1.30	0	1.9	639	665	13.7
678.	Saline River at Beaver Meadow Drain, SE¼ sec. 32, T. 5 S., R. 7 E.	126	3.5	43.0	639	980	7.9
679.	Saline River at Bigelow Road, NE¼ sec. 8, T. 6 S., R. 7 E.	128	.7	45.8	634	980	7.6
680.	Saline River at mouth, SW¼ sec. 9, T. 6 S., R. 7 E.	128	0	46.5	633	980	7.5
681.	River Raisin at Saline River, SW¼ sec. 9, T. 6 S., R. 7 E.	1,037	17.5	116.2	633	1,030	3.4
682.	River Raisin at Ida Maybee Road, Private claim 683, T. 6 S., R. 7 E.	1,042	13.3	120.4	623	1,030	3.4
683.	River Raisin near Monroe (gage), Private claim 350, T. 6 S., R. 8 E.	1,042	12.4	121.3	619	1,030	3.4
684.	River Raisin above Barnaby Drain, Private claim 446, T. 6 S., R. 8 E.	1,043	11.3	122.4	613	1,030	3.4
685.	Barnaby Drain at mouth, Private claim 446, T. 6 S., R. 8 E.	1.32	0	2.1	613	640	12.9
686.	River Raisin at Barnaby Drain, Private claim 446, T. 6 S., R. 8 E.	1,044	11.3	122.4	613	1,030	3.4
687.	River Raisin above Brown Drain, Private claim 465, T. 6 S., R. 8 E.	1,045	9.3	124.4	607	1,030	3.4
688.	Brown Drain at mouth, Private claim 465, T. 6 S., R. 8 E.	.57	0	1.5	607	622	10.0
689.	River Raisin at Brown Drain, Private claim 465, T. 6 S., R. 8 E.	1,045	9.3	124.4	607	1,030	3.4
690.	River Raisin above Willow Run, Private claim 467, T. 6 S., R. 8 E.	1,046	7.7	126.0	603	1,030	3.4
691.	Willow Run above Middle Branch Willow Run, Private claim 407, T. 6 S., R. 8 E.	2.39	1.8	5.0	614	641	5.4
692.	Middle Branch Willow Run at mouth, Private claim 407, T. 6 S., R. 8 E.	1.50	0	3.0	614	633	6.3
693.	Willow Run at Middle Branch Willow Run, Private claim 407, T. 6 S., R. 8 E.	3.89	1.8	5.0	614	641	5.4
694.	Willow Run above North Branch Willow Run, Private claim 493, T. 6 S., R. 8 E.	4.06	1.5	5.3	611	641	5.7
695.	North Branch Willow Run above Beitz Drain, Private claim 515, T. 6 S., R. 8 E.	2.67	2.9	4.8	627	661	7.1
696.	Beitz Drain at mouth, Private claim 515, T. 6 S., R. 8 E.	1.52	0	2.7	627	641	5.1
697.	North Branch Willow Run at Beitz Drain, Private claim 515, T. 6 S., R. 8 E.	4.19	2.9	4.8	627	661	7.1

## PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN —Continued

Number key	Stream and location 123456 Ranking order	Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
			above mouth	below source	at site	at source	
698.	North Branch Willow Run at mouth, Private claim 493, T. 6 S., R. 8 E.	5.20	0	7.7	611	661	6.5
699.	Willow Run at North Branch Willow Run, Private claim 493, T. 6 S., R. 8 E.	9.26	1.5	5.3	611	641	5.7
700.	Willow Run at mouth, Private claim 467, T. 6 S., R. 8 E.	10.1	0	6.8	603	641	5.6
701.	River Raisin at Willow Run, Private claim 467, T. 6 S., R. 8 E.	1,056	7.7	126.0	603	1,030	3.4
702.	River Raisin above Brost Drain, SW¼ sec. 26, T. 6 S., R. 8 E.	1,057	6.9	126.8	599	1,030	3.4
703.	Brost Drain at mouth, SW¼ sec. 26, T. 6 S., R. 8 E.	1.04	0	2.9	599	624	8.6
704.	River Raisin at Brost Drain, SW¼ sec. 26, T. 6 S., R. 8 E.	1,058	6.9	126.8	599	1,030	3.4
705.	River Raisin at dam, Private claim 317, T. 6 S., R. 8 E.	1,059	5.2	128.5	586	1,030	3.5
706.	River Raisin at Highway 24 Private claim 89, T. 6 S., R. 9 E.	1,060	4.9	128.8	585	1,030	3.5
707.	Bates Drain at Highway 24, Private claim 89, T. 6 S., R. 9 E.	.90	-----	2.3	597	616	8.3
708.	River Raisin at dam, Private claim 647, T. 6 S., R. 9 E.	1,061	4.3	129.4	581	1,030	3.5
709.	River Raisin at dam, Private claim 65, T. 6 S., R. 9 E.	1,061	3.9	129.8	581	1,030	3.5
710.	River Raisin at dam, Private claim 353, T. 6 S., R. 9 E.	1,061	3.8	129.9	579	1,030	3.5
711.	River Raisin at Highway 25, Private claim 353, T. 7 S., R. 9 E.	1,061	3.7	130.0	579	1,030	3.5
712.	River Raisin at dam, Private claim 53, T. 7 S., R. 9 E.	1,062	3.6	130.1	579	1,030	3.5
713.	River Raisin at dam (gage), Private claim 159, T. 7 S., R. 9 E.	1,062	3.1	130.6	575	1,030	3.5
714.	River Raisin at highway bridge, Private claim 177, T. 7 S., R. 9 E.	1,062	2.9	130.8	574	1,030	3.5
715.	River Raisin at Toledo Freeway, Private claim 653, T. 7 S., R. 9 E.	1,063	2.0	131.7	573	1,030	3.5
716.	River Raisin above Mason Run, NE¼ sec. 9, T. 7 S., R. 9 E.	1,063	1.3	132.4	572	1,030	3.5
717.	Mason Run above Karm Drain, Private claim 480, T. 6 S., R. 8 E.	1.12	8.0	4.2	617	635	4.3
718.	Karm Drain at mouth, Private claim 480, T. 6 S., R. 8 E.	.48	0	1.7	617	625	4.7
719.	Mason Run at Karm Drain, Private claim 480, T. 6 S., R. 8 E.	1.60	8.0	4.2	617	635	4.3
720.	Mason Run above Burdeau Drain, Private claim 732, T. 6 S., R. 8 E.	1.74	7.5	4.7	614	635	4.5
721.	Burdeau Drain at mouth, Private claim 732, T. 6 S., R. 8 E.	.44	0	1.9	614	625	5.8
722.	Mason Run at Burdeau Drain, Private claim 732, T. 6 S., R. 8 E.	2.18	7.5	4.7	614	635	4.5
723.	Mason Run at Bates Road, NW¼ sec. 24, T. 6 S., R. 8 E.	2.55	6.5	5.7	609	635	4.6
724.	Moore Drain at mouth, Private claim 479, T. 6 S., R. 8 E.	.36	0	1.6	609	620	6.9
725.	Mason Run at Moore Drain, Private claim 479, T. 6 S., R. 8 E.	2.91	6.5	5.7	609	635	4.6
726.	Mason Run above unnamed tributary, Private claim 486, T. 6 S., R. 8 E.	3.06	5.8	6.4	606	635	4.5
727.	Unnamed tributary at mouth, Private claim 486, T. 6 S., R. 8 E.	.45	0	1.7	606	620	8.2

PHYSIOGRAPHIC DATA FOR SELECTED SUBBASINS IN THE RIVER RAISIN BASIN --Continued

Number key	Stream and location		Drainage area (sq mi)	Miles		Altitude (ft above msl)		Average slope (ft per mile)
	123456	Ranking order		above mouth	below source	at site	at source	
728.	Mason Run at unnamed tributary, Private claim 486, T. 6 S., R. 8 E.		3.51	5.8	6.4	606	635	4.5
729.	Mason Run at Telegraph Road, Private claim 89, T. 6 S., R. 9 E.		4.20	4.4	7.8	597	635	4.9
730.	Mason Run at Monroe Street, Private claim 353, T. 6 S., R. 9 E.		4.75	3.5	8.7	591	635	5.1
731.	Ives Drain at Monroe Street, Private claim 353, T. 6 S., R. 9 E.		1.17	-----	2.0	595	605	5.0
732.	Mason Run at Toledo Freeway, Private claim 653, T. 7 S., R. 9 E.		7.37	.9	11.3	575	635	5.3
733.	Mason Run at mouth, NE¼ sec. 9, T. 7 S., R. 9 E.		7.79	0	12.2	572	635	5.2
734.	River Raisin at Mason Run, NE¼ sec. 9, T. 7 S., R. 9 E.		1,071	1.3	132.4	572	1,030	3.5
735.	River Raisin at mouth, SW¼ sec. 11, T. 7 S., R. 9 E.		1,072	0	133.7	572	1,030	3.4

