

## ST. JOHNS RIVER BASIN

### 02231342 FT DRUM CREEK AT SUNSHINE STATE PARKWAY NEAR FT DRUM, FL

**LOCATION.**--Lat 27°04'06", long 80°47'47" referenced to North American Datum of 1927, in NE 1/4 sec.35, T.33 S., R.35 E., Okeechobee County, FL, Hydrologic Unit 03080101, near center of downstream side of southbound bridge on Sunshine State Parkway, 2.7 mi southeast of the Fort Drum Service Plaza, and 3.0 mi north of Fort Drum.

**DRAINAGE AREA.**--52.6 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is at NGVD of 1929 (levels by Brevard Engineering Co.).

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1978 Aug 1	650	37.50	1987 Nov 21	620 <sup>12</sup>		1998 Mar 21	1380	38.50
1979 Sep 4	1410	38.35	1989 Sep 27	353	36.61	1999 Jul 2	605	37.28
1980 Apr 3	157 <sup>E</sup>	36.37	1989 Oct 11	911	37.83	1999 Oct 9	1090	38.10
1981 Aug 30	57.0	35.60	1991 Jul 22	507	37.13	2001 Sep 10	548	37.16
1982 Jun 21	806	37.71	1992 Aug 14	534	37.14	2001 Oct 26	942	37.88
1983 Feb 17	419	36.88	1993 Mar 27	625	37.32	2003 Sep 5	342	36.66
1984 Jul 23	850	37.70	1994 Sep 21	600	37.28	2004 Sep 27	1470	39.09
1985 Sep 19	1010	37.91	1995 Sep 6	758	37.57	2005 Jul 1	905	37.94
1986 Aug 6	377	36.69	1995 Oct 18	730	37.47	2005 Oct 25	1090	38.57
1987 Jan 6	176	36.05	1997 Aug 10	422	36.84			

## ST. JOHNS RIVER BASIN

### 02231396 BLUE CYPRESS CREEK NEAR FELLSMERE, FL

**LOCATION.**--Lat 27°43'40", long 80°48'19" referenced to North American Datum of 1927, in NW 1/4 sec.2, T.32 S., R.35 E., Indian River County, FL, Hydrologic Unit 03080101, on private road 2 mi upstream from Blue Cypress Lake, and 12.8 mi west of Fellsmere.

**DRAINAGE AREA.**--105 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is at NGVD of 1929 (St. Johns River Water Management District bench mark). Prior to Oct. 1, 1999, at present site at datum 6.47 ft lower.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1997 Aug 10	1430	21.61	2001 Sep 10	1540	28.39	2004 Sep 27	3110	29.63
1998 Mar 21	2800 <sup>12</sup>		2002 Jul 1	2150	28.57	2005 Jul 1	1100	28.57
1999 Aug 24	1260	21.55	2003 Aug 23	981	27.93	2005 Oct 25	2200	29.43 <sup>2</sup>
1999 Oct 17	3430	28.56 <sup>6</sup>						

## ST. JOHNS RIVER BASIN

### 02231458 WOLF CREEK NEAR KENANSVILLE, FL

**LOCATION.**--Lat 27°53'39", long 80°49'17" referenced to North American Datum of 1983, in NE 1/4 sec.9, T.30 S., R.35 E., Brevard County, FL, Hydrologic Unit 03080101, on right bank at west edge of St. Johns Marsh, 10.7 mi east of Kenansville, 13 mi south of U.S. Highway 192, and 21 mi west of Sebastian.

**DRAINAGE AREA.**--8.60 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is at NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1995 Oct 11	186		1999 Oct 18	180 <sup>12</sup>		2004 Sep 27	366	22.37
1997 Aug 16	13		2001 Aug 3	80 <sup>12</sup>		2005 Jun 16	130	20.26 <sup>2</sup>
1997 Nov 14	250	21.17	2002 Jun 25	91	21.15	2005 Nov 1	25	21.05 <sup>2</sup>
1999 Jun 17	246	18.53	2002 Dec 11	77	19.35			

**ST. JOHNS RIVER BASIN**

**02231565 CRABGRASS CREEK NEAR HOLOPAW, FL**

**LOCATION.**--Lat 28°07'48", long 81°00'07" referenced to North American Datum of 1927, Osceola County, FL, Hydrologic Unit 03080101, Osceola Quadrangle, downstream side of bridge on U.S. Highway 192, 4.6 mi east of Holopaw.

**DRAINAGE AREA.**--30.2 mi<sup>2</sup>.

**GAGE.**--Nonrecording gage and crest-stage gage. Datum of gage is 34.93 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1984 Jul 25	891	7.81	1989 Oct 10	473	7.00	1994 Jul 22	390	6.78
1985 Sep 4	764	7.78	1990 Oct 10	473	7.00	1994 Nov 15	1840	8.94
1986 Jul 22	235	6.41	1992 Aug 20	482	7.02	1997 Jul 31	208	6.24
1987 Mar 30	401	7.02	1993 Mar 21	300	6.50	1998 Feb 20	1250	8.37
1988 Mar 14	1380	8.40						

**ST. JOHNS RIVER BASIN**

**02231600 JANE GREEN CREEK NEAR DEER PARK, FL**

**LOCATION.**--Lat 28°04'27", long 80°53'18" referenced to North American Datum of 1927, in SE 1/4 sec.2, T.28 S., R.34 E., Osceola County, FL, Hydrologic Unit 03080101, near right bank on upstream side of bridge on county road, 1.2 mi southeast of Deer Park, 2 mi downstream from confluence of Crabgrass and Bull Creeks, and 5.8 mi upstream from mouth.

**DRAINAGE AREA.**--248 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is 18.55 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1953 Oct 9	6880	8.65	1972 Jun 25	1110 <sup>E</sup>	5.59	1989 Oct 11	1520	6.45
1955 Sep 13	4580	7.89	1973 Apr 11	1960	6.26	1991 Jul 19	1170	6.13
1955 Oct 16	770	5.16	1974 Jul 6	4880	8.03	1992 Aug 21	1460	6.60
1956 Oct 17	18400	10.95	1975 Aug 21	582 <sup>E</sup>	5.37	1993 Mar 29	642	5.57
1958 Jan 26	2690	6.70	1975 Oct 2	2050	6.74	1994 Jul 22	2360	7.05
1959 Mar 21	4170	7.61	1977 Sep 9	474 <sup>E</sup>	4.91	1994 Nov 19	3310	7.56
1960 Mar 19	10700	9.58	1978 Jul 31	2040	6.64	1995 Nov 2	2560	7.29
1960 Oct 10	3000	7.60	1979 Sep 7	5050	8.47	1997 Aug 6	1820	6.69
1962 Sep 24	1280	6.33	1980 Feb 22	463 <sup>E</sup>	5.15	1998 Feb 26	2210	6.96
1963 Sep 26	1850	6.56	1981 Sep 12	1190	5.98	1999 Aug 29	445	5.22
1964 Aug 29	8060	9.03	1982 Jun 21	1990	6.59	1999 Oct 18	2920	7.42
1965 Aug 13	1020 <sup>E</sup>	5.75	1983 Feb 18	1660	6.55	2001 Sep 17	1730	6.62
1966 Feb 25	6810	8.67	1984 Jul 25	1350	6.50	2002 Jul 24	1420	6.30
1966 Oct 4	1140 <sup>E</sup>	5.87	1985 Sep 23	2810	7.36	2003 Aug 27	1850	6.73
1968 Jun 7	5150	8.06	1985 Oct 1	1190	6.39	2004 Sep 29	5640	9.56
1969 Mar 19	2640	6.71	1987 Sep 14	1860	6.72	2004 Oct 14	3220	8.62
1969 Oct 4	8940	9.26	1987 Nov 21	4440	8.04	2005 Oct 26	4520	9.19
1971 Aug 1	730 <sup>E</sup>	5.25	1989 Sep 28	756	5.73			

## ST. JOHNS RIVER BASIN

### 02232000 ST. JOHNS RIVER NEAR MELBOURNE, FL

**LOCATION.**--Lat 28°05'04", long 80°45'08" referenced to North American Datum of 1927, in NW 1/4 sec.5, T.28 S., R.36 E., Brevard County, FL, Hydrologic Unit 03080101, near center of span on downstream side of eastbound bridge on U.S. Highway 192, 1.1 mi downstream from Sawgrass Lake, 1.7 mi upstream from Lake Washington, 9.2 mi west of Melbourne, and 262 mi upstream from mouth.

**DRAINAGE AREA.**--968 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder, acoustic velocity meter, and data-collection platform. Datum of gage is 11.22 ft above NGVD of 1929. Prior to July 26, 1940, nonrecording gage, and July 26, 1940 to Jan. 11, 1973, water-stage recorder at site 200 ft upstream at same datum. Oct. 1, 1969 to Oct. 5, 1972, and Oct. 1, 1982 to Sept. 30, 1983, water-stage recorder for Lake Washington near Eau Gallie (station 02232100) used as auxiliary gage for this station.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1940 Sep 19	675 <sup>1</sup>		1963 Sep 28	1640 <sup>1</sup>		1985 Oct 2	4260 <sup>1</sup>	
1941 Jul 29	3600 <sup>1</sup>		1964 Sep 1	6160 <sup>1</sup>		1987 Sep 15	1420 <sup>1</sup>	
1941 Nov 20	3730 <sup>1</sup>		1965 Aug 17	807 <sup>1E</sup>		1987 Nov 27	4660 <sup>1</sup>	
1943 Aug 7	1380 <sup>1</sup>		1966 Feb 27	4320 <sup>1</sup>		1989 Jan 29	380 <sup>1E</sup>	
1943 Oct 13	2300 <sup>1</sup>		1966 Oct 7	3490 <sup>1</sup>		1989 Oct 18	1250 <sup>1</sup>	
1945 Sep 20	6380 <sup>1</sup>		1968 Jun 20	4690 <sup>1</sup>		1991 Aug 6	1950 <sup>1</sup>	
1946 Aug 9	3270 <sup>1</sup>		1969 Mar 20	2810 <sup>1</sup>		1991 Oct 17	1970 <sup>1</sup>	
1947 Sep 23	9690 <sup>1</sup>		1969 Oct 7	11110 <sup>1</sup>		1993 Apr 11	1940 <sup>1</sup>	
1948 Sep 25	12500 <sup>1</sup>		1971 Jul 31	575 <sup>1E</sup>		1994 Aug 27	1530	4.59
1949 Sep 11	3530 <sup>1</sup>		1972 Jun 30	1470 <sup>1</sup>		1994 Nov 22	5150 <sup>1</sup>	
1949 Oct 2	6570 <sup>1</sup>		1973 Sep 30	1350 <sup>1E</sup>		1995 Oct 10	3890 <sup>1</sup>	
1950 Oct 21	9280 <sup>1</sup>		1974 Jul 12	2520 <sup>1</sup>		1997 Aug 25	2320 <sup>1</sup>	
1951 Oct 7	2740 <sup>1</sup>		1974 Oct 1	1830 <sup>1</sup>		1998 Mar 1	3710 <sup>1</sup>	
1953 Sep 19	7930 <sup>1</sup>		1976 Sep 16	2410 <sup>1</sup>		1998 Oct 1	1690 <sup>1</sup>	
1953 Oct 10	11300 <sup>1</sup>		1977 Sep 28	627 <sup>1E</sup>		1999 Oct 23	5340 <sup>12</sup>	
1954 Oct 3	3290 <sup>1</sup>		1978 Aug 10	2820 <sup>1</sup>		2001 Sep 22	3440 <sup>1</sup>	
1955 Oct 13	1080 <sup>1</sup>		1979 Sep 18	5290 <sup>1</sup>		2002 Jul 26	3830 <sup>1</sup>	
1956 Oct 18	18000 <sup>1</sup>		1980 Feb 25	884 <sup>1E</sup>		2003 Aug 29	4120 <sup>1</sup>	
1958 Jan 29	1780 <sup>1</sup>		1981 Sep 18	510 <sup>1E</sup>		2004 Sep 29	8070 <sup>1</sup>	
1959 Mar 23	3150 <sup>1</sup>		1982 Jul 28	2780 <sup>1</sup>		2005 Jul 6	4240 <sup>1</sup>	
1960 Sep 26	8720 <sup>1</sup>		1983 Mar 8	2680 <sup>1</sup>		2005 Oct 31	5750 <sup>1</sup>	
1961 Jan 20	522 <sup>1E</sup>		1984 Aug 4	2010 <sup>1</sup>				
1962 Sep 27	2540 <sup>1</sup>		1984 Oct 8	1070 <sup>1</sup>				

## ST. JOHNS RIVER BASIN

### 02232155 PENNYWASH CREEK NEAR DEER PARK, FL

**LOCATION.**--Lat 28°10'54", long 80°53'44" referenced to North American Datum of 1927, in NW 1/4 sec.35, T.26 S., R.34 E., Osceola County, FL, Hydrologic Unit 03080101, near center of span on downstream side of bridge on State Highway 419, 1.6 mi upstream from mouth, and 6.2 mi north of Deer Park.

**DRAINAGE AREA.**--17.2 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is at NGVD of 1929 (Florida Department of Transportation bench mark).

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1994 Nov 16	571	27.17	1999 Sep 27	185	23.68	2003 Aug 6	713	26.97
1996 Mar 12	436	26.01	1999 Oct 17	595	26.40	2004 Sep 26	1040	28.28
1997 Aug 1	273	24.30	2001 Aug 7	261	24.21	2005 Jun 24	375	25.04
1998 Feb 20	613	26.63	2002 Sep 5	494	25.85	2005 Oct 24	2100 <sup>12</sup>	

**ST. JOHNS RIVER BASIN**

**02232200 WOLF CREEK NEAR DEER PARK, FL**

**LOCATION.**--Lat 28°12'46", long 80°54'40" referenced to North American Datum of 1927, in NW 1/4 sec.22, T.26 S., R.34 E., Osceola County, FL, Hydrologic Unit 03080101, near right bank on upstream side of bridge on State Highway 419, 2.9 mi upstream from mouth, and 8.5 mi north of Deer Park.

**DRAINAGE AREA.**--25.7 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is 19.35 ft above NGVD of 1929. Prior to July 13, 1967, at site 0.8 mi downstream at same datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1956 Oct 16	7700	7.93	1974 Jul 3	1700	8.39	1991 May 25	325	6.80
1958 Jan 24	332	3.92	1975 Aug 17	532	6.65	1991 Oct 5	955	8.08
1959 Mar 20	1690	5.49	1975 Oct 4	592	6.88	1993 Mar 22	387	6.97
1960 Mar 17	2700	7.99	1977 Sep 4	100 <sup>12E</sup>		1994 Sep 16	609	7.45
1960 Oct 8	1590	6.38	1978 Jun 9	908	7.48	1994 Nov 16	2570	9.29
1962 Aug 12	570	4.50	1979 Sep 4	1850	9.07	1996 Mar 12	1170	8.34
1963 Sep 25	722	4.83	1980 Feb 20	266 <sup>E</sup>	5.95	1997 Aug 1	178	6.15
1964 Aug 28	4240	8.53	1981 Sep 8	860	7.40	1998 Feb 20	1430	8.17
1965 Aug 8	625	4.69	1982 Jun 18	1250	7.98	1999 Sep 20	1390	8.59
1966 Feb 23	2840	7.34	1983 Feb 13	692	7.09	1999 Oct 17	1160	8.28
1967 Jul 17	387 <sup>E</sup>	6.32 <sup>6</sup>	1984 Apr 4	957	7.56	2000 Oct 4	527	7.06
1968 Jun 6	2500	9.19	1985 Sep 2	792	7.84	2002 Jul 19	1320	8.49
1969 Mar 17	625	6.89	1986 Aug 19	786	8.02	2003 Aug 6	1860	9.05
1969 Dec 10	1050	7.63	1987 Mar 30	755	7.77	2004 Sep 26	2640	10.39
1971 Jul 24	635	6.91	1987 Nov 4	2160	9.29	2005 Jun 10	616	7.33
1972 Jun 23	1200	7.82	1989 Sep 25	1120	8.30	2005 Oct 24	3380 <sup>12</sup>	
1973 Apr 5	467	6.56	1989 Oct 10	1190	8.39			



**ST. JOHNS RIVER BASIN**

**02232400 ST. JOHNS RIVER NEAR COCOA, FL**

**LOCATION.**--Lat 28°22'10", long 80°52'22" referenced to North American Datum of 1927, in SE 1/4 sec.25, T.24 S., R.34 E., Brevard County, FL, Hydrologic Unit 03080101, on the downstream side of bridge on State Highway 520, 0.6 mi upstream from Taylor Creek, 0.7 mi downstream from outlet of Lake Poinsett, 8.8 mi west of Cocoa, and 232 mi upstream from mouth.

**DRAINAGE AREA.**--1,331 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder, acoustic velocity meter, and data-collection platform. Datum of gage is at NGVD of 1929. Prior to Oct. 1, 1959, nonrecording gage at site 3.7 mi east on north shore of Lake Poinsett at datum 5.06 ft higher.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1953 Oct 11	10700 <sup>1</sup>	16.96	1972 Jul 15	1490 <sup>1</sup>		1989 Oct 18	2060	14.46
1954 Oct 15	3120 <sup>1</sup>	14.78	1973 Sep 30	2100 <sup>1</sup>	14.68	1991 Sep 9	2710	15.26
1955 Oct 14	2320 <sup>1</sup>	14.37	1974 Aug 7	4140 <sup>1</sup>	15.20	1991 Oct 8	3800	15.76
1956 Oct 24	8440 <sup>1</sup>	16.36	1974 Oct 1	3530 <sup>1</sup>	14.60	1992 Oct 8	3000	15.17
1957 Oct 4	3630 <sup>1</sup>	14.96	1976 Sep 14	3360 <sup>1</sup>	15.23	1994 Aug 13	2210	14.42
1959 Mar 22	3980 <sup>1</sup>	14.80	1977 Jul 2	98.0	9.76 <sup>2</sup>	1994 Dec 4	5230	15.75
1960 Sep 25	9990 <sup>1</sup>	16.48	1978 Aug 14	4770 <sup>1</sup>	15.87	1995 Oct 21	6460	16.47
1961 Jan 18	1200 <sup>E</sup>	12.55	1979 Jan 30	1580	12.93	1997 Aug 26	2690 <sup>1</sup>	
1962 Jul 24	238 <sup>E</sup>	10.80	1979 Oct 3	5130	16.73	1998 Feb 25	6170	16.13
1962 Oct 2	3200	14.66	1981 Feb 10	140	10.38	1998 Oct 9	1680 <sup>1</sup>	
1964 Sep 12	7160	15.89	1982 Jul 30	4780	15.52	1999 Oct 26	7580 <sup>1</sup>	
1964 Nov 29	1510 <sup>1</sup>		1983 Mar 7	3870	14.76	2001 Sep 26	4760 <sup>1</sup>	
1966 Mar 2	3550 <sup>1</sup>	14.76 <sup>2</sup>	1984 Jan 23	1680	14.38	2002 Aug 6	5590 <sup>1</sup>	
1966 Oct 13	2660 <sup>1</sup>	15.16 <sup>2</sup>	1984 Dec 2	1100 <sup>1</sup>		2003 Jan 5	3370 <sup>1</sup>	
1968 Jun 22	6480 <sup>1</sup>	15.59	1985 Oct 8	4260 <sup>1</sup>	15.79	2003 Oct 2	3450 <sup>1</sup>	
1968 Oct 25	2390 <sup>1</sup>	13.69	1986 Oct 1	1450	14.03 <sup>2</sup>	2004 Oct 15	7480 <sup>1</sup>	
1969 Nov 1	4940 <sup>1</sup>	16.42	1987 Dec 1	5530	15.89	2005 Nov 3	5650 <sup>1</sup>	
1970 Oct 6	546 <sup>1E</sup>	11.62	1989 Feb 5	480	12.16 <sup>2</sup>			

**ST. JOHNS RIVER BASIN**

**02232450 JIM CREEK NEAR CHRISTMAS, FL**

**LOCATION.**--Lat 28°26'07", long 80°57'58", in NE 1/4 sec.1, T.27 S., R.33 E., Orange County, FL, Hydrologic Unit 03080101, at bridge on State Highway 520, 7.7 mi southeast of Christmas.

**DRAINAGE AREA.**--22.70 mi<sup>2</sup>.

**GAGE.**--Crest-stage and partial record gage. Datum of gage is 21.45 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1960 Mar 17	3750	9.18	1968 Oct 18	489	4.96	1977 Jan 1	2344	4.50 <sup>4</sup>
1961 Jan 1	2344		1969 Dec 10	845	5.73	1978 Jul 28	493	4.97
1962 Jan 1	2344		1971 Jan 1	2344		1979 Sep 4	730	5.57
1963 Sep 25	875	5.79	1972 Feb 9	509	5.01	1979 Oct 1	1330	6.67
1963 Nov 10	2540	8.09	1973 Sep 28	617	5.26	1981	2104	4.26 <sup>4</sup>
1965 Jan 1	2344		1974 Jun 28	1170	6.34	1982 Jun 19	1840	7.31
1966 Jun 10	835	5.71	1975 Aug 20	648	5.33	1983 Feb 13	563	5.14
1967 Sep 15	676	5.39	1976 Aug 19	558	5.13	1984 Jul 4	785	5.61
1968 Jun 6	2040	7.95						

**ST. JOHNS RIVER BASIN**

**02232500 ST. JOHNS RIVER NEAR CHRISTMAS, FL**

**LOCATION.**--Lat 28°32'34", long 80°56'37" referenced to North American Datum of 1927, in SW 1/4 sec.29, T.22 S., R.34 E., Orange County, FL, Hydrologic Unit 03080101, on downstream side of bridge on State Highway 50, 0.3 mi upstream from Tootoosahatchee Creek, 2 mi upstream from Lake Cone, 4.5 mi east of Christmas, and 209 mi upstream from mouth.

**DRAINAGE AREA.**--1,539 mi<sup>2</sup>, includes that of Tootoosahatchee Creek.

**GAGE.**--Water-stage recorder, acoustic velocity meter, and data-collection platform. Datum of gage is 1.62 ft above NGVD of 1929. Prior to July 23, 1934, nonrecording gage at same site and datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1934 Oct 9	1640 <sup>5</sup>	6.97	1959 Mar 23	4980 <sup>5</sup>	8.05	1983 Apr 1	4460	7.45
1935 Oct 16	4700 <sup>5</sup>	8.56	1960 Sep 28	11000 <sup>5</sup>	10.81	1984 Jan 23	2390	6.84
1936 Nov 14	1320 <sup>5</sup>	6.38	1961 Sep 20	2440 <sup>5</sup>	7.04	1985 Sep 7	2700	6.84 <sup>2</sup>
1937 Nov 30	3620 <sup>5</sup>		1962 Jul 22	772 <sup>5</sup>	7.19	1985 Oct 30	4440	7.98
1939 Sep 29	2860 <sup>5</sup>	7.66	1962 Oct 7	3320 <sup>5</sup>	7.24	1987 Apr 4	3130	7.42
1940 Sep 9	2000 <sup>5</sup>		1964 Sep 15	8930 <sup>5</sup>	9.48	1987 Dec 3	4790	8.15
1941 Jul 29	5270 <sup>5</sup>	8.82	1964 Dec 5	1580 <sup>5</sup>	6.08	1989 Jan 25	1510	6.22
1941 Oct 22	4290 <sup>5</sup>	8.54	1966 Mar 2	4500 <sup>5</sup>		1989 Oct 17	2750	7.11
1943 Sep 21	3700 <sup>5</sup>	8.06	1966 Oct 4	3880 <sup>5</sup>	7.64	1991 Oct 10	4950	8.83
1944 Sep 19	3300 <sup>5</sup>		1968 Jun 30	9070 <sup>5</sup>	8.66	1992 Oct 9	5890	8.66
1945 Sep 19	9230 <sup>5</sup>	9.14	1968 Oct 19	4280 <sup>5</sup>	7.31	1994 Sep 30	4090 <sup>1</sup>	
1946 Aug 31	3500 <sup>5</sup>	7.00	1969 Oct 29	7190 <sup>5</sup>	8.93	1994 Nov 19	4860 <sup>1</sup>	
1947 Aug 1	4130 <sup>5</sup>	7.38	1971 Jul 25	1760 <sup>5</sup>		1995 Oct 21	6510 <sup>1</sup>	
1947 Oct 12	10700 <sup>5</sup>	9.68	1972 Jul 21	2020 <sup>5</sup>		1997 Sep 5	2150 <sup>1</sup>	
1948 Oct 9	10200 <sup>5</sup>	9.86	1973 Sep 30	2920 <sup>5</sup>	7.30	1998 Feb 27	5460 <sup>1</sup>	
1949 Oct 5	6600 <sup>5</sup>		1974 Aug 7	5990 <sup>5</sup>	8.08	1999 Jun 14	765 <sup>1</sup>	
1950 Oct 20	4910 <sup>5</sup>	8.22	1975 Aug 20	1950 <sup>5</sup>	6.66	1999 Oct 19	6290 <sup>1</sup>	
1951 Oct 6	4850 <sup>5</sup>	8.00	1976 Sep 16	5450	7.70	2001 Sep 16	5790 <sup>1</sup>	
1952 Oct 27	5720 <sup>15</sup>		1977 Sep 6	734	5.14	2002 Aug 16	6120 <sup>1</sup>	
1953 Oct 12	11700 <sup>5</sup>	10.59	1978 Aug 19	5200	8.25	2003 Jan 4	5070 <sup>1</sup>	
1954 Oct 14	3000 <sup>5</sup>	7.17	1979 Jul 20	2200	6.36	2003 Oct 3	3750 <sup>1</sup>	
1956 Sep 10	2510 <sup>5</sup>		1979 Oct 1	7070	9.36	2004 Oct 6	7550 <sup>1</sup>	
1956 Oct 18	10200 <sup>5</sup>	9.03	1981 Sep 10	528	4.42	2005 Oct 27	72101	
1957 Oct 5	4010 <sup>5</sup>	7.64	1982 Jul 28	5810	8.27			

**ST. JOHNS RIVER BASIN**

**02233001 ECONLOCKHATCHEE RIVER AT MAGNOLIA RANCH NEAR BITHLO, FL**

**LOCATION.**--Lat 28°25'27", long 81°07'10" referenced to North American Datum of 1927, Orange County, FL, Hydrologic Unit 03080101, on downstream side of abandoned bridge on Wewahootee Road, 250 ft downstream of confluence of Disston Canal, 7 mi south of Bithlo.

**DRAINAGE AREA.**--32.9 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is at NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1973 Sep 7	74.0	61.15	1984 Apr 14	333	62.20	1994 Sep 26	222	62.49
1974 Jul 8	122	61.73	1985 Sep 21	304	62.78	1994 Nov 17	197	62.28
1975 Aug 24	72.0	61.15	1986 Jan 11	253	62.43	1995 Oct 18	205	62.36
1976 Sep 25	122	61.64	1987 Mar 31	370	63.42	1997 Aug 11	232	62.45
1977 Jan 4	24.0	60.25	1987 Nov 4	179	62.22	1997 Dec 14	396	63.44
1978 Aug 2	187	61.77	1989 Aug 22	217	62.52	1999 Sep 27	270	62.81
1979 Sep 30	281	62.03	1989 Oct 13	91.0	61.24	1999 Oct 9	357	63.32
1980 Mar 3	29 <sup>1</sup>		1991 Jun 27	296	63.01	2001 Sep 16	156	61.96
1981 Sep 15	17.0	60.36	1992 Aug 19	303	63.04			
1982 Jun 21	474	62.58	1993 Sep 12	187	62.22			

## ST. JOHNS RIVER BASIN

### 02233102 ECONLOCKHATCHEE RIVER TRIBUTARY NEAR BITHLO, FL

**LOCATION.**--Lat 28°33'55", long 81°11'19", Orange County, FL, Hydrologic Unit 03080101.

**DRAINAGE AREA.**--1.83 mi<sup>2</sup>.

**GAGE.**--Crest-stage and partial-record gage. Datum of gage is 51.35 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1969 Sep 22	338	4.88	1976 Jul 3	70.0	3.44	1983 Feb 13	42.0	3.42
1969 Oct 2	199	4.30	1977 Sep 4	37.0	3.06	1984 Aug 21	144	4.09
1971 Aug 14	23.0	2.82	1978 Aug 11	71.0	3.46	1985 Sep 20	287	4.42
1972 Jun 19	31.0	2.96	1979 Sep 23	61.0	3.75	1986 Jan 10	228	4.34
1973 Sep 5	31.0	2.96	1979 Nov 14	4.70	2.63	1987 Mar 31	171	4.15
1974 Jun 27	103	3.72	1981 Feb 19	27.0	3.40	1988 Sep 8	51.0	3.27
1975 Aug 13	25.0	2.86	1982 Sep 12	38.0	3.64			

**ST. JOHNS RIVER BASIN**

**02233200 LITTLE ECONLOCKHATCHEE RIVER NEAR UNION PARK, FL**

**LOCATION.**--Lat 28°31'29", long 81°14'39" referenced to North American Datum of 1927, in SW 1/4 sec.32, T.22 S., R.31 E., Orange County, FL, Hydrologic Unit 03080101, near right bank at Berry-Deese Road, 3,300 ft upstream from a tributary, 3 mi south of Union Park, 8.5 mi east of Orlando, and 13 mi upstream from mouth.

**DRAINAGE AREA.**--27.1 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is 56.19 ft above NGVD of 1929. Prior to Jan. 12, 1960, and Oct. 21, 1972 to Nov. 14, 1983, nonrecording gage at same site and datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1960 Mar 17	1640	11.64	1976 Jul 11	290	8.60	1992 Aug 19	734	9.74
1961 Sep 18	180	8.15	1977 Sep 28	45.0	7.10	1992 Oct 4	488	9.04
1962 Sep 23	390	8.90	1978 Jul 25	128	7.92	1994 Jun 17	548	9.21
1963 Sep 26	608	9.52	1979 Sep 4	386	8.90	1994 Nov 17	1300	11.07
1964 Sep 11	824	10.01	1979 Oct 1	55.0	7.40	1996 Mar 31	691	9.62
1965 Aug 8	320	8.70	1981 Sep 17	231	8.45	1996 Oct 8	216	8.25
1966 Sep 13	523	9.28	1982 Jun 18	550	9.30	1997 Dec 27	661	9.71
1967 Sep 13	460	9.10	1983 Feb 13	302	8.65	1999 Sep 20	420 <sup>2</sup>	
1968 Jun 6	1000	10.40	1984 Apr 15	366	8.85	1999 Oct 10	195 <sup>12</sup>	
1969 Sep 22	734	9.81	1985 Sep 21	325	8.60	2001 Jul 19	586	9.35
1969 Oct 3	634	9.56	1986 Jan 11	684	9.60	2002 Aug 30	695	9.55
1971 Sep 11	110	7.65	1987 Mar 31	825	10.00	2003 Jan 1	902	9.87
1972 Aug 31	369	8.84	1988 Sep 9	450	9.08	2004 Sep 26	1910	11.51
1973 Sep 27	710	9.75	1988 Nov 23	625	9.57	2005 Jun 17	428	9.11
1974 Jun 28	1000	10.40	1990 Feb 23	123	7.81	2005 Oct 24	1610	10.71
1975 May 16	103		1991 Jul 13	786	9.89			

## ST. JOHNS RIVER BASIN

### 02233475 LITTLE ECONLOCKHATCHEE R AT STATE HWY434 NR OVIEDO, FL

**LOCATION.**--Lat 28°37'11", long 81°12'29" referenced to North American Datum of 1927, in NW 1/4 sec.34, T.21 S., R.31 E., Seminole County, FL, Hydrologic Unit 03080101, on downstream side of bridge on State Highway 434, 3.5 mi south of Oviedo, and 3.8 mi upstream from mouth.

**DRAINAGE AREA.**--72.7 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is at NGVD of 1929. (Seminole County bench mark).

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1996 Oct 8	565	34.62	2001 Jul 22	1480	36.49	2004 Sep 6	2150	37.86
1997 Dec 27	1440	36.49	2002 Sep 5	1340	36.27	2005 Jun 18	702	35.62
1999 Sep 20	862	35.34	2003 Jan 1	1280	36.18	2005 Oct 25	1600	36.84
1999 Oct 10	768	35.11						

**ST. JOHNS RIVER BASIN**

**02233500 ECONLOCKHATCHEE RIVER NEAR CHULUOTA, FL**

**LOCATION.**--Lat 28°40'40", long 81°06'51" referenced to North American Datum of 1983, in SW 1/4 sec.10, T.21 S., R.32 E., Seminole County, FL, Hydrologic Unit 03080101, near right bank on downstream side of bridge on State Highway 13, 2.6 mi northeast of Chuluota, and 10 mi upstream from mouth.

**DRAINAGE AREA.**--241 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder, acoustic velocity meter, and data-collection platform. Datum of gage is 2.14 ft above NGVD of 1929 (U.S. Army Corps of Engineers bench mark). Nov. 6, 1935, to May 17, 1939, and June 17, 1969, to July 21, 1971, nonrecording gage at same site and datum. Since Sept. 3, 1943, water-stage recorder for St. Johns River above Lake Harney near Geneva (station 02234000) used as auxiliary gage for this station.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1936 Mar 13	1450	9.70	1960 Mar 18	11000	18.69	1984 Apr 17	3350	13.11
1936 Oct 15	1760	10.55	1961 Sep 19	4100	13.75	1985 Sep 22	3120	12.84
1937 Dec 1	1760	10.57	1962 Sep 22	1840	11.02	1986 Jan 12	4460	14.31
1939 Jun 18	2430	11.61	1963 Sep 27	3520	13.31	1987 Apr 1	5090	14.70
1940 Aug 7	950		1964 Sep 12	5450	15.30	1988 Sep 11	2460	12.01
1941 Jul 14	2160		1965 Aug 8	1300	9.40	1988 Nov 25	2350	11.88
1941 Oct 24	2040	11.64	1966 Mar 2	2300	11.69	1989 Dec 26	775	6.86
1943 Sep 22	2000	11.75	1967 Sep 15	2260	11.63	1991 Jul 15	2700	12.79
1944 Aug 3	1670	10.67	1968 Jun 7	6600	16.10	1992 Aug 22	4360	14.21
1945 Sep 18	9040	17.93	1969 Sep 24	2250	12.06	1992 Oct 6	2030	11.30
1946 Aug 5	1200	9.72	1969 Oct 4	4660	14.52	1994 Sep 28	3900	13.72
1947 Sep 25	4560	13.87	1971 Jul 22	484 <sup>E</sup>	5.54	1994 Nov 18	5280	15.13
1948 Sep 24	10000	18.09	1972 Sep 3	1520	10.09	1996 Apr 2	2720	12.32
1949 Aug 30	3580	13.17	1973 Sep 30	1510	11.09	1997 Aug 13	1680	10.94
1949 Oct 1	3700	13.28	1974 Jun 30	3850	14.33	1997 Dec 29	3920	13.74
1950 Oct 20	7350	16.54	1975 Aug 20	820	8.34	1999 Sep 21	1100 <sup>12</sup>	
1951 Oct 5	2000	11.03	1976 Jun 25	890		1999 Oct 10	1390 <sup>12</sup>	
1953 Sep 6	4080	13.72	1977 Sep 7	854		2001 Sep 16	4080	13.92
1953 Oct 12	1970	11.46	1978 Aug 2	1440	9.95	2002 Sep 6	3100	12.81
1955 Sep 13	1350	9.75	1979 Sep 6	1840	10.97	2003 Jan 3	3550	13.33
1956 Sep 12	2250	11.52	1979 Oct 2	1460	10.04	2004 Sep 8	5810	15.92
1956 Oct 18	8850	17.47	1981 Sep 20	482	5.69	2005 Jun 19	2040	11.66
1958 Mar 6	2360	11.67	1982 Jun 20	4030	14.25	2005 Oct 26	4400	14.28
1959 Mar 22	4290	13.94	1983 Feb 16	1840	11.12			



**ST. JOHNS RIVER BASIN**

**02234000 ST. JOHNS RIVER ABOVE LAKE HARNEY NEAR GENEVA, FL**

**LOCATION.**--Lat 28°42'50", long 81°02'08" referenced to North American Datum of 1927, in NE 1/4 sec.32, T.20 S., R.33 E., Seminole County, FL, Hydrologic Unit 03080101, near center of channel on downstream side of bridge on State Highway 46, 0.9 mi downstream from Econlockhatchee River, 1 mi upstream from Lake Harney, 5.5 mi southeast of Geneva, and 190 mi upstream from mouth.

**DRAINAGE AREA.**--2,043 mi<sup>2</sup>.

**GAGE.**-- Water-stage recorder, acoustic velocity meter, and data-collection platform. Datum of gage is at NGVD of 1929 (U.S. Army Corps of Engineers bench mark). Prior to Sept. 3, 1943, nonrecording gage, and Sept.3, 1943 to Oct. 8, 1959, water-stage recorder at site 50 ft downstream at same datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1982 Jul 31	7690	7.39	1991 Aug 2	5950	6.95	1999 Jun 23	1640 <sup>1</sup>	
1982 Oct 3	6070	6.38	1992 Aug 24	6740	6.71	1999 Oct 22	8420 <sup>1</sup>	
1984 Sep 28	3070	4.58	1992 Oct 12	7760	7.75	2001 Sep 17	8280 <sup>1</sup>	
1985 Sep 25	7610	7.33	1994 Aug 13	5600	5.82	2002 Aug 18	7480 <sup>1</sup>	
1986 Jan 16	4220 <sup>1</sup>	6.47	1994 Nov 22	9880 <sup>1</sup>		2003 Jan 4	7380 <sup>1</sup>	
1987 Apr 4	5630	6.27	1995 Oct 23	6830 <sup>1</sup>		2004 Sep 26	14500 <sup>1</sup>	
1987 Dec 3	6090	6.23	1997 Aug 14	4470 <sup>1</sup>		2005 Jul 10	5230 <sup>1</sup>	
1988 Nov 28	3560	4.26	1997 Dec 30	8190 <sup>1</sup>		2005 Oct 27	9940 <sup>1</sup>	
1989 Nov 4	3030	3.82						

## ST. JOHNS RIVER BASIN

### 02249007 EAU GALLIE RIVER AT HEATHER GLEN CIR AT MELBOURNE, FL

**LOCATION.**--Lat 28°07'36", long 80°38'49" referenced to North American Datum of 1927, in NW 1/4 sec.20, T.27 S., R.37 E., Brevard County, FL, Hydrologic Unit 03080202, on right bank, 0.2 mi upstream of concrete spillway, 0.7 mi north of Sarno Road, 1.7 mi upstream from mouth, and 3.8 mi northwest of Melbourne.

**DRAINAGE AREA.**--3.8 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder, concrete weir, and data-collection platform. Datum of gage is 10.00 ft below NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1992 Jul 19	274	14.74	1997 Jul 11	219	14.59	2001 Nov 14	258	14.67
1993 Mar 13	279	14.75	1998 Jan 23	235	14.59	2003 Jun 22	521	15.36
1994 Sep 26	157	14.37	1999 Sep 25	1090	16.31	2004 Sep 26	516	15.35
1995 Aug 2	1510	16.70	1999 Oct 16	453	15.21	2005 Feb 27	249	14.64
1995 Oct 8	551	15.33	2001 Jul 18	322	14.87	2005 Oct 24	428	15.15

## ST. JOHNS RIVER BASIN

### 02249500 CRANE CREEK AT MELBOURNE, FL

**LOCATION.**--Lat 28°04'45", long 80°37'47" referenced to North American Datum of 1927, in NE 1/4 sec.4, T.28 S., R.37 E., Brevard County, FL, Hydrologic Unit 03080202, in the center of the channel on the downstream side of wooden foot bridge, approximately 125 ft upstream of U.S. Highway 192, 1.5 mi west of the City Hall in Melbourne, Brevard County, and 2.5 mi upstream from Indian River.

**DRAINAGE AREA.**--12.6 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is 4.45 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1951 Oct 2	296	7.89	1959 Jun 18	179	6.72	1966 Jun 9	359	8.34
1952 Oct 21	444	8.94	1960 Sep 24	320	8.04	1967 Jun 29	152	6.42
1953 Oct 9	539	9.55	1961 Sep 17	193	6.88	1968 Jun 4	343	7.62
1954 Oct 30	76.0	5.08	1962 Sep 19	291	7.44	2004 Sep 26	831	13.64 <sup>6</sup>
1956 Sep 18	61.0	5.22	1963 Sep 24	321	7.92	2005 Feb 27	443	10.39
1956 Oct 16	665	9.98	1964 Aug 27	610	9.76	2005 Oct 24	758	13.98
1958 Feb 26	173	6.65	1965 Jul 14	87.0	5.42			

**ST. JOHNS RIVER BASIN**

**02249518 CRANE CREEK AT U.S. HIGHWAY 1 AT MELBOURNE, FL**

**LOCATION.**--Lat 28°04'37", long 80°36'09" referenced to North American Datum of 1927, in SW 1/4 sec.2, T.28 S., R.37 E., Brevard County, FL, Hydrologic Unit 03080202, near right side of channel on east (Downstream) side of bridge, 0.25 mi. above mouth.

**DRAINAGE AREA.**--18.1 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 10.00 ft below NGVD of 1929. Auxiliary water-stage recorder at site 1.4 mi upstream.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1987 May 11	545 <sup>1</sup>		1993 Mar 21	494 <sup>1</sup>		1999 Sep 26	826 <sup>1</sup>	
1987 Nov 20	761 <sup>1</sup>		1994 Sep 13	482 <sup>1</sup>		1999 Oct 16	1390 <sup>1</sup>	13.85
1989 Jan 22	364 <sup>1</sup>		1995 Aug 2	2150 <sup>1</sup>		2001 Sep 14	868 <sup>1</sup>	
1989 Oct 10	692 <sup>1</sup>		1996 Mar 11	574 <sup>1</sup>		2001 Nov 14	392 <sup>1</sup>	
1991 Sep 30	963 <sup>1</sup>		1997 Sep 5	709 <sup>1</sup>		2002 Dec 10	440 <sup>1</sup>	
1991 Oct 10	633 <sup>1</sup>		1997 Nov 14	609 <sup>1</sup>		2004 Sep 26	1450 <sup>12</sup>	

## ST. JOHNS RIVER BASIN

### 02250000 TURKEY CREEK NEAR PALM BAY, FL

**LOCATION.**--Lat 28°00'46", long 80°37'20", in SW 1/4 sec.27, T.28 S., R.37 E., Brevard County, FL, Hydrologic Unit 03080202, near left bank at downstream side of bridge on State Highway 507, 2.8 mi southwest of Palm Bay, and 3.5 mi upstream from mouth.

**DRAINAGE AREA.**--95.5 mi<sup>2</sup>.

**GAGE.**--Graphic water-stage recorder. Datum of gage is 1.03 ft below NGVD of 1929. Prior to Jan. 11, 1956, staff gage and Jan. 11, 1956 to July 11, 1967, graphic water-stage recorder, at site 0.9 mi downstream at same datum. Since Oct. 1, 1956, graphic water-stage recorder for station on Indian River at Wabasso (station 02249518) used as an auxiliary gage for this station.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1956 Oct 16	2790 <sup>5</sup>	13.73	1961 Jan 15	220 <sup>5</sup>	5.48	1964 Oct 13	423 <sup>5</sup>	6.63
1958 Jan 24	1100 <sup>5</sup>	9.25	1962 Sep 23	1310 <sup>5</sup>	9.87	1966 Feb 24	1340 <sup>5</sup>	9.98
1959 Mar 20	1100 <sup>5</sup>		1963 Sep 25	1240 <sup>5</sup>	9.65	1967 Jul 5	805 <sup>5</sup>	8.14
1960 Sep 23	1640 <sup>5</sup>	10.79	1964 Aug 30	1170 <sup>5</sup>	9.84			

## ST. JOHNS RIVER BASIN

### 02251000 SOUTH PRONG ST SEBASTIAN RIVER NEAR SEBASTIAN, FL

**LOCATION.**--Lat 27°46'09", long 80°30'22" referenced to North American Datum of 1927, in SW 1/4 sec.23, T.31 S., R.38 E., Indian River County, FL, Hydrologic Unit 03080203, on upstream side of bridge on State Highway 512, 2.5 mi east of Interstate Highway 95, 4 mi southwest of Sebastian, and 8.3 mi upstream from mouth.

**DRAINAGE AREA.**--35.0 mi<sup>2</sup>, approximately.

**GAGE.**--Water-stage recorder, acoustic velocity meter, and data-collection platform. Datum of gage is 10.00 ft below NGVD of 1929. Auxiliary water-stage recorder at site 6.6 mi downstream.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1966 Sep 13	1410	7.04	1994 Sep 26	1280	18.01 <sup>6</sup>	2000 Oct 4	1410	18.31
1966 Oct 14	1560	7.22	1994 Nov 16	2560	19.96	2002 Jun 21	1730	18.92
1968 Jun	2110	7.88	1995 Oct 18	1210	17.83	2003 Jun 23	813	16.46
1969 Mar	1730	7.42	1997 Aug 8	862	16.66	2004 Sep 27	2660 <sup>12</sup>	
1969 Oct 3	1500	7.08	1998 Mar 20	1080	17.44	2005 Jun 4	929	17.42
1970 Oct 3	610	4.73	1998 Nov 5	1120	17.55	2005 Oct 24	1950	20.05
1972 Jun 19	1060	6.11	1999 Oct 16	1800 <sup>12</sup>				

## ST. JOHNS RIVER BASIN

### 02251500 NORTH PRONG ST SEBASTIAN RIVER NEAR MICCO, FL

**LOCATION.**--Lat 27°51'21", long 80°31'28" referenced to North American Datum of 1927, in sec.30, T.30 S., R.38 E., Brevard County, FL, Hydrologic Unit 03080203, in Fleming Land Grant, on right bank 15 ft downstream from bridge on Wilden Road, 2.2 mi. southwest of Micco and 1.9 mi. upstream from mouth.

**DRAINAGE AREA.**--28.5 mi<sup>2</sup>, revised.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is at NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1987 Sep 21	138	6.97	1994 Jun 20	656	8.70	2000 Oct 4	907	9.21
1988 Mar 14	392	8.38	1994 Nov 16	2040	10.23	2002 Jun 21	590	8.61
1989 Mar 4	90.0	6.48	1995 Oct 18	1010	9.35	2002 Dec 10	384	8.17
1990 Sep 20	173	7.22	1997 Sep 5	635	8.76	2004 Sep 26	2520 <sup>12</sup>	
1990 Oct 12	285	7.89	1997 Nov 14	2060	10.24	2005 Jun 22	712	9.14 <sup>2</sup>
1991 Oct 6	370	8.27	1998 Nov 5	326	7.99	2005 Oct 24	1200	9.66 <sup>2</sup>
1993 Mar 21	344	8.16	1999 Oct 16	1320	10.16			

## ST. JOHNS RIVER BASIN

### 02256000 FISHEATING CREEK NEAR VENUS, FL

**LOCATION.**--Lat 27°03'57", long 81°25'52", Highlands County, FL, Hydrologic Unit 03080203, near right bank on downstream side of bridge on State Highway 731, 2.2 mi downstream from Bootheel Creek, 4.5 mi west of Venus, and 14 mi upstream from Palmdale gage.

**DRAINAGE AREA.**--188 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 46.52 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1956 Sep 10	23.0	11.03	1960 Sep 11	5020	16.98	1964 Sep 14	2800	15.25
1957 Aug 24	1820	14.27	1961 Jan 14	1770	14.55	1965 Aug 31	720	13.30
1958 Aug 12	3180	14.95	1962 Sep 22	3340	15.77	1965 Oct 2	1600	14.29
1959 Jun 18	5120	16.09	1963 Feb 28	643				



**ST. JOHNS RIVER BASIN**

**02256500 FISHEATING CREEK AT PALMDALE, FL**

**LOCATION.**--Lat 26°55'56", long 81°18'54" referenced to North American Datum of 1927, in SW 1/4 sec.3, T.41 S., R.30 E., Glades County, FL, Hydrologic Unit 03090103, near right bank on downstream side of southbound bridge on U.S. Highway 27, 1.0 mi south of Palmdale, and 16 mi upstream from Lake Okeechobee.

**DRAINAGE AREA.**--311 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is 27.19 ft above NGVD of 1929. Prior to Mar. 16, 1949, nonrecording gage and Mar. 16, 1949, to Jan. 23, 1956, water-stage recorder, at site 450 ft upstream at same datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1932 Sep 13	5570	8.26	1957 Aug 25	3800	6.70	1982 Jun 26	7040	7.83
1933 Sep 6	6460	8.60	1958 Aug 13	3230	6.48	1983 Feb 15	3650	6.59
1934 Aug 9	920		1959 Jun 20	6220	7.16	1984 Mar 15	6870	7.78
1935 Sep 7	1480	6.42	1960 Sep 13	7250	8.19	1985 Sep 6	1500	6.05
1936 Jun 16	5800	8.10	1960 Oct 11	2350	6.70	1986 Sep 12	3680	6.84
1937 Jul 1	3010	6.98	1962 Sep 23	6420	7.39	1987 Sep 17	700	5.44
1938 Aug 1	1730	6.30	1963 Sep 24	1680	5.87	1987 Oct 15	3230	7.28
1938 Oct 17	3230	7.14	1964 Sep 15	3870	6.76	1989 Aug 19	1100	5.92
1940 Sep 12	3090	6.92	1965 Sep 2	1600	5.84	1990 Aug 18	1950	6.61
1941 Apr 10	2790		1965 Oct 3	3470	6.66	1991 Aug 7	1530	6.12
1942 Feb 26	3260	7.04	1966 Oct 4	1520	5.76	1992 Jun 29	4670	7.82
1943 Sep 15	2240	6.74	1968 Jun 11	3650	6.74	1993 Sep 10	1200	6.02
1943 Oct 5	3620	7.30	1969 Jun 22	2100	6.05	1994 Sep 23	2690	7.15
1945 Sep 17	8980	9.18	1970 Mar 27	7460	7.79	1995 Aug 28	3370	7.34
1945 Oct 13	2500	6.62	1971 Sep 17	2440	6.20	1995 Oct 20	3770	7.51
1947 Sep 19	16400	11.06	1972 Jun 22	2630	6.28	1997 Sep 30	3460	7.49
1948 Sep 24	14500	10.52	1973 Aug 9	1700	5.86	1998 Mar 22	5220	7.99
1949 Aug 29	5300	7.86	1974 Jul 3	8390	8.02	1999 Jul 3	1950	6.70
1949 Oct 1	4500	7.60	1975 Aug 24	1260	5.88	1999 Oct 25	1010	5.83
1951 Sep 5	1430	6.42	1976 Aug 20	3910	6.77	2001 Sep 16	5290	8.01
1951 Oct 3	31400	12.44	1977 Sep 10	1010	5.32	2002 Jul 4	1980	6.63
1953 Aug 30	6200		1978 Aug 25	1910	5.96	2003 Jun 24	4670	7.82
1953 Oct 10	7520	8.53	1979 Sep 17	4270	7.49	2004 Sep 29	6390	8.31
1955 Aug 1	644	6.07	1980 Sep 10	290	4.78	2005 Jul 12	3700	7.46
1956 Sep 9	258	5.11	1981 Sep 13	830	5.8	2006 Sep 1	5280	8.45 <sup>2</sup>

**KISSIMMEE RIVER BASIN**

**02273000 KISSIMMEE RIVER AT S-65E NEAR OKEECHOBEE, FL**

**LOCATION.**--Lat 27°13'32", long 80°57'46" in NE 1/4 sec.30, T.37 S., R.34 E., Okeechobee County, FL, Hydrologic Unit 03090101, on left bank, at upstream side of lock and control structure 65E, 1.8 mi downstream from State Highway 70, 8.2 mi upstream from mouth and about 8.5 mi west of Okeechobee, FL.

**DRAINAGE AREA.**--Indeterminate.

**GAGE.**--Water-stage recorder. Datum of gage is at NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to Apr. 28, 1949, nonrecording gage, and Apr. 28, 1949 to Sept. 30, 1964, water-stage recorder, 1.8 mi upstream at datum 1.37 ft lower. Auxiliary gage at downstream side of lock and control structure.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1928-08	20000		1952 Oct 29	5750		1979 Oct 1	11000 <sup>6</sup>	
1929 Jul 31	2020		1953 Oct 14	17800		1981 Sep 14	3750 <sup>6</sup>	
1930 Jun 23	14400		1954 Oct 15	2960		1982 Jun 25	12370 <sup>6</sup>	
1930 Oct 6	4800		1956 Sep 10	853		1983 Feb 17	12900 <sup>6</sup>	
1932 Sep 16	3210		1956 Oct 22	8620		1983 Dec 31	5300 <sup>6</sup>	
1933 Sep 9	15600		1957 Oct 7	5390		1985 Sep 8	5520 <sup>6</sup>	
1934 Jun 24	9000		1959 Jun 25	8440		1986 Aug 18	5130 <sup>6</sup>	
1935 Jul 22	617		1960 Sep 30	15000		1987 Apr 2	8060 <sup>6</sup>	
1935 Oct 13	4330		1961 Aug 30	1410		1987 Nov 21	9660 <sup>6</sup>	
1936 Oct 23	2560		1962 Sep 6	3770		1989 Apr 11	3600 <sup>6</sup>	
1937 Oct 27	6080		1965 Sep 21	6640 <sup>6</sup>		1990 Feb 24	5270 <sup>6</sup>	
1939 Sep 27	5150		1966 Sep 20	8400 <sup>6</sup>		1991 Aug 23	11740 <sup>6</sup>	
1940 Aug 2	2110		1967 Sep 13	5400 <sup>6</sup>		1992 Aug 26	7600 <sup>16</sup>	
1941 Jul 29	4280		1968 Jul 7	11100 <sup>6</sup>		1993 Apr 1	7610 <sup>16</sup>	
1942 Feb 27	4650		1969 Sep 28	8140 <sup>6</sup>		1994 Jun 24	7090 <sup>16</sup>	
1943 Mar 9	910		1969 Oct 3	27900 <sup>6</sup>		1994 Nov 19	9710 <sup>16</sup>	
1943 Oct 7	4840		1971 Feb 12	6000 <sup>6</sup>		1995 Oct 20	7900 <sup>16</sup>	
1945 Sep 22	11700		1972 Jun 20	13100 <sup>6</sup>		1997 Aug 12	7900 <sup>16</sup>	
1946 Sep 20	2970		1973 Sep 13	9980 <sup>6</sup>		1998 Feb 23	12200 <sup>16</sup>	
1947 Sep 21	13000		1974 Jul 4	16000 <sup>6</sup>		1999 Aug 28	5680 <sup>16</sup>	
1948 Jan 24	4750		1975 Sep 30	7980 <sup>6</sup>		1999 Oct 21	8680 <sup>16</sup>	
1948 Oct 7	17400		1976 Aug 19	12400 <sup>6</sup>		2001 Sep 18	6870 <sup>16</sup>	
1949 Oct 6	8300		1976 Dec 7	4130 <sup>6</sup>		2002 Sep 7	8280 <sup>16</sup>	
1950 Oct 28	3740		1978 Aug 1	12500 <sup>6</sup>		2003 Sep 3	13500 <sup>126</sup>	
1951 Oct 4	7280		1979 Sep 15	13100 <sup>6</sup>		2004 Sep 26	25100 <sup>16</sup>	

**PEACE RIVER BASIN**

**02293000 ORANGE RIVER NEAR FORT MYERS, FL**

**LOCATION.**--Lat 26°40'00", long 81°43'56" in sec.19, T.44 S., R.25 E., Lee County, FL, Hydrologic Unit 03090205.

**DRAINAGE AREA.**--60 mi<sup>2</sup>.

**GAGE.**--Crest-stage and partial record gage. Datum of gage is undetermined.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1936 Jun 15	5300 <sup>7</sup>	13.40	1940 Sep 12	1310	10.90	1944 Aug 15	301	6.62
1937 Jul 3	850	7.70	1941 Jul 17	842	8.38	1945 Jul 23	1200	9.10
1938 Jul 14	810	7.40	1942 Sep 14	283	6.40	1946 Aug 28	417	7.58
1939 Jul 2	733	9.00	1943 Jul 11	1440	9.51			

## PEACE RIVER BASIN

### 02293050 ORANGE RIVER AT BUCKINGHAM NEAR FORT MYERS, FL

**LOCATION.**--Lat 26°40'12", long 81°43'56" in NE 1/4 , sec.8, T.44 S., R.25 E., Lee County, FL, Hydrologic Unit 03090205, at bridge on Buckingham Road, 0.3 mi south of Buckingham, 2.5 mi upstream from mouth, and 9 mi east of Fort Myers.

**DRAINAGE AREA.**--70 mi<sup>2</sup>, approximately.

**GAGE.**--Crest-stage and partial record gage. Datum of gage is undetermined.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1960 Sep 11	1630	11.28	1965 Oct 22	468		1972 Jun 19	453	8.10
1961 Aug 27	427	7.14	1967 Aug 16	490		1972 Oct 2	1020	8.80
1962 Sep 21	2180	12.43	1968 Jul 9	1000	8.71	1974 Jun 26	1200	9.65
1963 Sep 24	546	7.54	1969	419 <sup>4</sup>		1975 Sep 29	561	6.43
1964 Sep 6	529	7.42	1970 Mar 27	1810	11.77	1976 Aug 16	424	2.83
1965	419 <sup>4</sup>		1971 Sep 14	459	5.16	1977	419 <sup>4</sup>	

## PEACE RIVER BASIN

### 02293400 ALLIGATOR CREEK NEAR PUNTA GORDA, FL

**LOCATION.**--Lat 26°53'07", long 82°00'23" in sec.28, T.41 S., R.23 E., Charlotte County, FL, Hydrologic Unit 03090205.

**DRAINAGE AREA.**--31.10 mi<sup>2</sup>.

**GAGE.**--Crest-stage and partial record gage. Datum of gage is undetermined.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1960 Sep 11	1660	7.87	1965	375 <sup>4</sup>		1969 Sep 4	860	6.28
1961 Aug 27	620	5.80	1966 Jun 8	620	5.80	1970 Aug 10	470	5.54
1962 Sep 21	3370	11.30	1966 Oct 8	870	6.27	1971	375 <sup>4</sup>	
1963 Jun 7	715	5.99	1968 Jun 28	810	6.18	1972 Jun 19	405	5.37
1964 Feb 7	725	6.01						

**PEACE RIVER BASIN**

**02295420 PAYNE CREEK NEAR BOWLING GREEN, FL**

**LOCATION.**--Lat 27°37'13", long 81°49'33" , in SW 1/4 sec.9, T.33 S., R.25 E., Hardee County, FL, Hydrologic Unit 03100101, near center of span on downstream side of bridge on U.S. Highway 17, 0.4 mi downstream from Little Payne Creek, 1.2 mi south of Bowling Green, and 1.9 mi upstream from mouth.

**DRAINAGE AREA.**--121 mi<sup>2</sup>.

**GAGE.**—Water-stage recorder. Datum of gage is 51.06 ft above NGVD of 1929. Prior to Oct. 20, 1965, graphic water-stage recorder at same site and datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1964 Feb 7	962	11.37	1986 Aug 21	544 <sup>E</sup>	9.12	1997 Aug 10	467 <sup>E</sup>	8.44
1965 Aug 11	2190	17.88	1987 Mar 31	686 <sup>E</sup>	10.43	1998 Mar 20	2480	17.10
1965 Oct 2	966	11.40	1988 Sep 8	2730	17.42	1999 Sep 2	328 <sup>E</sup>	6.86
1967 Aug 15	1350	13.27	1989 Sep 25	379 <sup>E</sup>	7.20	1999 Oct 5	290 <sup>E</sup>	6.41
1968 Sep 10	2040	17.19	1990 Feb 23	413 <sup>E</sup>	7.57	2001 Sep 14	3220	17.97
1980 Jun 23	441 <sup>E</sup>	8.55	1991 Aug 23	685 <sup>E</sup>	10.66	2002 Jun 26	1690	15.97
1981 Sep 7	400 <sup>E</sup>	8.05	1992 Aug 15	915	12.63	2003 Jun 23	2030 <sup>2</sup>	
1982 Jun 18	3170	17.78	1993 Apr 5	364 <sup>E</sup>	7.53	2004 Sep 6	3230	18.13
1982 Oct 6	2020	16.53	1994 Sep 17	2270	16.79	2005 Feb 28	2670	17.37
1984 Aug 7	369 <sup>E</sup>	7.79	1995 Aug 25	2010	16.48	2006 Sep 11	698 <sup>E</sup>	10.82
1985 Aug 6	681 <sup>E</sup>	10.51	1995 Oct 6	582 <sup>E</sup>	9.70			

## PEACE RIVER BASIN

### 02295630 THOMPSON BRANCH NEAR WAUCHULA, FL

**LOCATION.**--Lat 27°31'47", long 81°49'03" , in SE 1/4 sec.9, T.34 S., R.25 E., Hardee County, FL, Hydrologic Unit 03100101.

**DRAINAGE AREA.**--5.22 mi<sup>2</sup>.

**GAGE.**--Crest-stage gage. Datum of gage is 59.59 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1984 Aug 6		8.45	1991 Jul 1	230	8.38	2000 Sep 18	199	8.02
1985 Sep 6		8.73	1992 Jun 26	217	8.23	2001 Sep 16	416	10.07
1986 Sep 9		7.73	1994 Sep 15	180	7.80	2002 Jul 3	149	7.39
1986 Dec 24		9.31	1995 Aug 2	396	9.91	2003 Jun 24	217	8.22
1988 Sep 6		10.04	1996 Sep 11	189	7.91	2004 Sep 8	488	10.61
1989 Sep 25	120 <sup>E</sup>	7.04	1997 Sep 28	465	10.44	2005 Mar 2	477	10.53
1990 Aug 15	318	9.24	1998 Mar 21	620	10.20	2005 Oct 27	380	9.78

**PEACE RIVER BASIN**

**02295637 PEACE RIVER AT ZOLFO SPRINGS, FL**

**LOCATION.**--Lat 27°30'15", long 81°48'04" , in SE 1/4 sec.22, T.34 S., R.25 E., Hardee County, FL, Hydrologic Unit 03100101, near right ban on downstream side of bridge on U.S. Highway 17, 0.8 mi north of Zolfo Springs and 69 mi upstream from mouth.

**DRAINAGE AREA.**--826 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 30.20 ft above NGVD of 1929. Prior to Oct. 1, 1964, water-stage recorder at datum 5.00 ft higher.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1933 Sep 6	26300	20.05	1958 Jan 26	5040	11.60	1982 Oct 7	3160	15.17
1934 Jun 22	9850	15.50 <sup>5</sup>	1959 Sep 18	9540	15.89	1983 Dec 31	1350 <sup>E</sup>	10.86
1935 Sep 7	6500	13.2	1960 Sep 12	17000	18.61	1985 Sep 6	2920 <sup>E</sup>	14.77
1936 Feb 17	4700	11.82	1961 Feb 9	2110 <sup>E</sup>	7.83	1986 Aug 7	1830 <sup>E</sup>	12.37
1937 Jul 3	3440	9.89	1962 Sep 23	6270	13.06	1987 Apr 1	2850 <sup>E</sup>	14.65
1938 Jul 14	2740 <sup>E</sup>	9.27	1963 Feb 28	4010	10.58	1988 Sep 9	6490	19.54
1939 Jun 17	10200	15.52 <sup>5</sup>	1964 Feb 7	3360	9.50	1989 Sep 27	1110 <sup>E</sup>	9.89
1940 Jul 7	2970	9.17	1965 Aug 12	4630	16.09 <sup>6</sup>	1990 Feb 24	1580 <sup>E</sup>	11.67
1941 Jul 17	4200	9.95	1966 Feb 24	4140	15.47	1991 Aug 25	2750 <sup>E</sup>	14.46
1942 Jun 13	4130	10.74	1967 Aug 16	2580 <sup>E</sup>	13.46	1992 Aug 12	3020	15.03
1943 Aug 6	4050	10.63	1968 Jul 20	4420	16.34	1992 Oct 5	1760 <sup>E</sup>	12.39
1943 Oct 5	3320	9.62	1969 Sep 23	3910	15.70	1994 Sep 18	4810	17.20
1945 Jun 25	12200	16.63	1969 Oct 4	3690	15.43	1995 Sep 4	6800 <sup>2</sup>	
1945 Oct 13	3680	10.12	1971 Sep 15	3360	14.99	1995 Oct 3	4700	
1947 Sep 20	21000	19.15	1972 Jun 20	4420	16.34	1997 Aug 14	2750 <sup>E</sup>	14.55
1948 Sep 24	11500	16.55	1973 Apr 7	3940	15.74	1998 Mar 21	11900	21.33
1949 Aug 29	15900	18.11	1974 Jul 7	4870	17.09	1999 Sep 29	1270 <sup>E</sup>	10.47
1949 Oct 1	8070	14.30	1975 Sep 15	1440 <sup>E</sup>	11.45	1999 Oct 6	1920 <sup>E</sup>	12.57
1950 Oct 20	3370	9.44	1975 Oct 30	3950	16.03	2001 Sep 16	6480	19.70
1951 Oct 4	3160	9.08	1977 Sep 5	2050 <sup>E</sup>	13.13	2002 Jul 3	3930	16.31
1953 Aug 30	9300	15.39	1978 Jul 30	3360	15.29	2003 Jun 24	4980	17.96
1953 Oct 11	6140	13.11	1979 Sep 17	3750	15.82	2004 Sep 8	8470	22.39
1955 Sep 10	2610 <sup>E</sup>	8.50	1979 Oct 1	4940	17.16	2005 Jul 3	4580	17.00 <sup>2</sup>
1956 Aug 24	2110 <sup>E</sup>	7.57	1981 Sep 8	2550 <sup>E</sup>	13.64	2006 Sep 12	2190 <sup>E</sup>	13.46
1957 May 14	5470	12.12	1982 Jun 20	6370	19.38			



## PEACE RIVER BASIN

### 02296260 CHARLIE CREEK NEAR CREWSVILLE, FL

**LOCATION.**--Lat 27°27'33", long 81°40'43" , in SE 1/4 sec.2, T.35 S., R.26 E., Hardee County, FL, Hydrologic Unit 03100101.

**DRAINAGE AREA.**--192 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 35.55 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1981 Feb 9	200	13.85	1990 Aug 20	1610	19.26	1999 Aug 6	705	18.11
1982 Jun 21	4000	20.72	1991 Aug 27	795	18.25	1999 Oct 10	2770	19.97
1983 Feb 18	2800	20.01	1992 Jun 28	425	16.85	2001 Sep 14	5420	20.95
1984 Jul 21	582	16.62	1993 Apr 1	565	17.72	2002 Jan 6	1080	18.66
1985 Sep 7	470	16.77	1994 Sep 19	2260	19.61	2003 Jun 24	2130 <sup>E</sup>	19.60
1986 Aug 7	290	15.41	1995 Sep 2	1940	19.40	2004 Sep 8	3800	20.91
1987 Mar 31	1100	18.49	1995 Oct 11	640	18.00	2005 Jun 14	1750	19.54 <sup>2</sup>
1988 Sep 8	2990	20.16	1997 Sep 28	550	17.65	2005 Oct 27	1080	18.91
1989 Sep 3	337	15.98	1998 Mar 21	6840	21.34			

**PEACE RIVER BASIN**

**02296500 CHARLIE CREEK NEAR GARDNER, FL**

**LOCATION.**--Lat 27°22'29", long 81°47'48" , in SE 1/4 sec.3, T.36 S., R.25 E., Hardee County, FL,  
Hydrologic Unit 03100101, near left bank on downstream side of bridge pier on U.S. Highway 17, 1.6 mi  
north of Gardner, and 4.9 mi upstream from mouth.

**DRAINAGE AREA.**--330 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder, rain gage, and data-collection platform. Datum of gage is 21.66 ft above  
NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1950 Sep 6	1180 <sup>E</sup>	10.63	1969 Mar 18	1650	12.07	1988 Sep 10	3960	15.95
1951 Apr 20	1680	12.27	1970 Jul 14	1680	12.16	1989 Sep 4	740 <sup>E</sup>	8.40
1951 Oct 3	2190	13.68	1971 Sep 16	3180	15.37	1990 Aug 21	1420 <sup>E</sup>	11.45
1952 Oct 23	4840	16.94	1972 Jun 20	1180 <sup>E</sup>	10.35	1991 Aug 27	1240 <sup>E</sup>	10.73
1953 Oct 10	6640	17.85	1973 Sep 14	1460 <sup>E</sup>	11.35	1992 Jun 29	1280 <sup>E</sup>	10.89 <sup>2</sup>
1955 Sep 9	2540	13.83	1974 Jul 7	5770	17.41	1993 Apr 2	1290 <sup>E</sup>	10.86
1956 Sep 2	1800	12.53	1975 Sep 25	1640	11.81	1994 Sep 20	3070	15.38
1956 Oct 22	1670	11.68	1976 Jul 11	1900	12.42	1995 Sep 3	2770	15.01
1958 Jan 28	1980	12.98	1977 Sep 5	697 <sup>E</sup>	8.18	1995 Oct 11	996 <sup>E</sup>	11.36
1959 Jun 21	3480	15.82	1978 Aug 1	3580	15.24	1997 Sep 28	1250 <sup>E</sup>	10.78
1960 Aug 1	8160	18.77	1979 Sep 30	2280	14.59	1998 Mar 22	6560	17.95
1961 Jul 13	1050 <sup>E</sup>	9.81	1980 Apr 8	1570	11.83	1999 Jul 2	1290 <sup>E</sup>	11.64
1962 Sep 22	5900	17.16	1981 Sep 18	742 <sup>E</sup>	8.69	1999 Oct 10	1430 <sup>E</sup>	11.97
1963 Jun 26	1680	12.16	1982 Jun 21	7910	17.76	2001 Sep 15	7380	18.27
1964 Sep 14	1390 <sup>E</sup>	11.19	1983 Feb 18	2640	13.98	2002 Sep 7	1830	12.93
1965 Jul 18	1300 <sup>E</sup>	10.81	1984 Jul 22	1330 <sup>E</sup>	10.78	2003 Jun 24	4820	16.20
1966 Feb 26	3040	15.16	1985 Sep 8	1200 <sup>E</sup>	10.21	2004 Sep 9	5460	17.27
1967 Aug 9	1730	12.33	1986 Aug 8	1250 <sup>E</sup>	10.67	2005 Jun 7	3630	15.43
1968 Jun 10	3740	15.71	1987 Apr 1	1730	12.15	2005 Oct 25	2240	13.97

**PEACE RIVER BASIN**

**02296750 PEACE RIVER AT ARCADIA, FL**

**LOCATION.**--Lat 27°13'19", long 81°52'35" , in SE 1/4 sec.26, T.37 S., R.24 E., De Soto County, FL, Hydrologic Unit 03100101, on left bank 500 ft upstream from bridge on State Highway 70, 1.0 mi west of post office in Arcadia, 6.1 mi upstream from Joshua Creek, and 36 mi upstream from mouth.

**DRAINAGE AREA.**--1,367 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is 6.00 ft above NGVD of 1929; Mar. 20, 1964 to July 11, 1997, nonrecording gage at NGVD of 1929. Prior to July 19, 1931, nonrecording gage, and July 19, 1931 to May 16, 1963, graphic water-stage recorder, and May 16 to Sept. 30, 1963, water-stage recorder at same site at datum 2.25 ft higher. All gage heights are at gage datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1905 Mar 26	430007 <sup>B</sup>	18.30	1956 Sep 4	3750 <sup>E</sup>	7.31	1982 Jun 23	17000	17.79
1931 Apr 20	5930	9.68	1957 May 20	5860	9.46	1982 Oct 1	5830	12.64
1932 Sep 16	6230	9.98	1957 Oct 6	6460	10.03	1984 Mar 14	3010 <sup>E</sup>	8.83
1933 Sep 9	36200	17.67	1959 Sep 21	11900	13.45	1985 Sep 9	3330 <sup>E</sup>	10.14
1934 Jun 23	10400	12.80	1960 Sep 15	21000	15.80	1986 Aug 9	2770 <sup>2E</sup>	9.28
1935 Sep 9	9780	12.42	1961 Sep 1	2630 <sup>E</sup>	5.98	1987 Apr 2	4700	12.00
1936 Feb 19	9920	12.48	1962 Sep 24	11200	12.82	1988 Sep 12	11700	16.00
1937 Apr 9	5130	9.20	1963 Jun 28	4950	8.30	1989 Sep 28	1620 <sup>E</sup>	6.50
1938 Jul 16	4170	8.42	1964 Feb 9	4280	9.85 <sup>6</sup>	1990 Aug 22	2310 <sup>E</sup>	8.24
1939 Jun 19	14100	14.47	1965 Aug 15	4480	10.06	1991 Jul 4	4100	11.29
1940 Sep 28	6300	10.00	1966 Feb 27	6880	12.27	1992 Jun 29	5440	12.69
1941 Jul 20	5450	9.25	1967 Aug 13	5030	10.61	1993 Apr 3	3290 <sup>E</sup>	10.09
1942 Jun 15	7520	10.94	1968 Jul 13	7030	12.66	1994 Sep 21	8850	15.23
1943 Jul 29	7040	10.60	1969 Mar 19	5030	10.61	1995 Sep 4	7790	14.30
1943 Oct 6	5540	9.33	1970 Mar 29	5770	11.30	1995 Oct 11	5210	12.35
1945 Jul 24	9840	12.45	1971 Sep 18	6990	12.36	1997 Sep 29	3660 <sup>E</sup>	10.68
1946 Jul 31	5780	9.55	1972 Jun 22	4230	10.37	1998 Mar 23	18800	18.14
1947 Sep 22	23900	16.34	1973 Sep 15	4910	10.83	1999 Jul 2	2660 <sup>E</sup>	8.96
1948 Sep 28	16000	15.06	1974 Jul 8	11800	15.92	1999 Oct 10	3320 <sup>E</sup>	9.93
1949 Aug 31	26500	16.49	1975 Sep 16	2890 <sup>E</sup>	8.49	2001 Sep 16	21200	17.95
1949 Oct 4	10700	12.91	1975 Nov 1	4230	10.48	2002 Jul 6	4790	12.06
1950 Oct 22	5210	8.83	1977 Sep 7	4030	9.97	2003 Jun 26	10800	15.41
1951 Oct 3	8620	11.68	1978 Aug 5	6980	13.76	2004 Sep 11	14600	17.22
1952 Oct 25	12100	13.55	1979 Aug 25	2370 <sup>E</sup>	7.59	2004 Oct 1	11000	16.22
1953 Oct 1	11700	13.35	1979 Oct 3	6820	13.78	2005 Oct 27	5310	11.88
1955 Sep 10	5150	8.77	1981 Sep 10	2690 <sup>E</sup>	9.77			

## PEACE RIVER BASIN

### 02297088 HAWTHORN CREEK AT CR760-A NEAR NOCATEE, FL

**LOCATION.**--Lat 27°09'02", long 81°51'31" , in NW 1/4 sec.30, T.37 S., R.25 E., De Soto County, FL, Hydrologic Unit 03100101.

**DRAINAGE AREA.**--39.0 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and rain gage. Datum of gage is at NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1983 Sep 23		12.04	1991 Jul 1	908	12.78	1999 Jun 29	1279	13.44
1984 Mar 13	1900	14.20	1992 Jun 27	3015	15.31	2000 Sep 18	590	11.73
1985 Sep 20		10.48	1993 Apr 2	474 <sup>E</sup>	10.97	2001 Sep 14	2600	14.96
1985 Oct 14		11.02	1994 Sep 15	1510	13.78	2002 Jul 2	870	12.70
1987 Mar 31		10.10	1995 Jun 23	2470	14.85	2003 Jun 22	1130	13.47
1988 Sep 8	1650	13.86	1995 Oct 11	732	12.34	2004 Sep 10	1310	13.49
1989 Jul 6	450 <sup>E</sup>	11.63	1997 Sep 28	1980	14.35	2005 Jun 5	478 <sup>28</sup>	11.00
1990 Jun 8	700	12.38	1998 Mar 21	1190	13.29	2006 Sep 1	820	12.59

**PEACE RIVER BASIN**

**02297100 JOSHUA CREEK AT NOCATEE, FL**

**LOCATION.**--Lat 27°09'59", long 81°52'47" , in SE 1/4 sec.14, T.38 S., R.24 E., De Soto County, FL, Hydrologic Unit 03100101, near center of span on downstream side of bridge on U.S. Highway 17, 0.5 mi north of Nocatee, and 2.2 mi upstream from mouth.

**DRAINAGE AREA.**--132 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 3.94 ft above NGVD of 1929. Prior to Apr. 28, 1965, graphic water-stage recorder at same site and datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1950 Sep 6	1640	13.41	1968 Nov 12	1190	12.11	1988 Sep 8	3540	17.40
1951 Jul 25	2030	14.28	1970 Mar 27	2810	15.52	1989 Sep 26	869 <sup>E</sup>	12.36
1951 Oct 2	7620	17.89	1971 Sep 18	1760	13.70	1990 Jun 8	700 <sup>E</sup>	11.48
1952 Oct 21	4040	16.36	1972 Jun 21	592 <sup>E</sup>	10.50	1991 Jul 1	1140	13.62
1953 Oct 10	8670	18.80	1973 Sep 12	1000	12.33	1992 Jun 27	3630	17.55
1955 Sep 24	1240	12.18	1974 Jul 7	3100	16.59	1993 Apr 2	713 <sup>E</sup>	11.80
1956 Sep 10	648 <sup>E</sup>	10.11	1975 Sep 15	2880	15.72	1994 Sep 16	2600	16.57
1957 Sep 6	2710	15.20	1975 Oct 2	1060	12.27	1995 Jun 24	2830	16.91
1958 Jan 25	2160	14.42	1977 Sep 5	733 <sup>E</sup>	10.99	1995 Oct 11	1110	13.50
1959 Jun 19	4100	16.27	1978 Aug 4	1620	14.82	1997 Sep 28	2330	16.14
1960 Sep 11	4160	16.43	1979 Sep 30	2390	15.57	1998 Mar 20	2370	16.21
1961 Jan 14	986 <sup>E</sup>	11.09	1980 Mar 2	178 <sup>E</sup>	7.33	1999 Jun 29	1340	14.20
1962 Sep 22	8220	19.05	1981 Aug 28	859 <sup>E</sup>	12.24	2000 Sep 18	801 <sup>E</sup>	12.54
1963 Jun 27	948 <sup>E</sup>	11.46	1982 Jun 19	4340	17.91	2001 Sep 14	3480	17.52
1964 Sep 10	1980	14.19	1983 Feb 17	1840	14.67	2002 Jul 2	1150	13.63
1965 Jul 31	960 <sup>E</sup>	11.50	1984 Mar 13	3890	17.53	2003 Jun 22	4690	17.66
1966 Feb 24	1940	14.37	1985 Sep 21	2170	15.49	2004 Sep 10	2790 <sup>2</sup>	16.86 <sup>12</sup>
1967 Aug 15	1090	12.43	1986 Sep 11	1070	12.92	2005 Jun 5	1900	15.39
1968 Jun 29	1490	12.89	1987 Apr 1	1150	13.33	2006 Aug 31	1080	13.39

**PEACE RIVER BASIN**

**02297155 HORSE CREEK NEAR MYAKKA HEAD, FL**

**LOCATION.**--Lat 27°29'13", long 82°01'25" , in SE 1/4 sec.29, T.34 S., R.23 E., Hardee County, FL, Hydrologic Unit 03100101.

**DRAINAGE AREA.**--42.0 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is 58.12 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1977 Dec 16	904	20.58	1988 Sep 6	3210	24.34	1998 Mar 20	2500	23.65
1979 Sep 14	754	19.32	1989 Sep 5	355	15.26	1999 Jun 18	524	17.55
1980 Apr 2	602	17.91	1990 Jul 21	421	16.12	1999 Oct 5	235 <sup>E</sup>	13.89
1981 Sep 8	1030	21.61	1991 Jun 30	915	20.97	2001 Sep 14	2320	23.46
1982 Jun 18	1380	22.70	1992 Aug 9	2470	23.62	2002 Jul 3	1010	21.35
1982 Oct 5	884	19.96	1993 Apr 1	495	17.14	2003 Jun 21	3610	24.67
1983 Dec 30	352	15.23	1994 Sep 16	1550	22.79	2004 Sep 6	1790	22.78
1985 Sep 1	767	19.16	1995 Aug 3	763	19.92	2005 Feb 28	870	20.69
1985 Oct 6	663	18.33	1995 Oct 5	374	15.69	2005 Oct 24	345	16.12
1987 Mar 29	558	17.41	1997 Sep 27	420	16.35			

**PEACE RIVER BASIN**

**02297251 HORSE CREEK NEAR LIMESTONE, FL**

**LOCATION.**--Lat 27°21'58", long 81°58'25" , in NW 1/4 sec.12, T.36 S., R.23 E., Hardee County, FL, Hydrologic Unit 03100101.

**DRAINAGE AREA.**--130 mi<sup>2</sup>.

**GAGE.**--Crest-stage gage. Datum of gage is at NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1981 Sep 2	1000	56.86	1990 Sep 2	375	54.15	1999 Aug 6	247 <sup>E</sup>	52.85
1982 Jun 18	2700	58.58	1991 Jul 24	1300	57.05	1999 Oct 5	254 <sup>E</sup>	53.69
1983 Feb 18	1150	56.81	1992 Aug 25	2300	58.04	2002 Jul 3	1660	57.48
1983 Dec 30	300	53.42	1993 Apr 2	680	55.94	2003 Jun 21	7070	60.61
1985 Sep 3	585	55.22	1994 Sep 16	3450	59.24	2004 Sep 6	3940	59.24
1986 Jul 7	475	54.70	1995 Aug 4	1950	57.42	2005 Jun 5	1180	56.86
1987 Mar 31	1000	56.54	1995 Nov 1	348	53.90	2006	900 <sup>4</sup>	
1988 Sep 9	800	56.15	1998 Mar 20	6080	60.24			

**PEACE RIVER BASIN**

**02297310 HORSE CREEK NEAR ARCADIA, FL**

**LOCATION.**--Lat 27°11'57", long 81°59'19" , in NW 1/4 sec.2, T.38 S., R.23 E., De Soto County, FL, Hydrologic Unit 03100101, near center of span on downstream side of bridge on State Highway 72, 7.9 mi west of Arcadia, and 10 mi upstream from mouth.

**DRAINAGE AREA.**--218 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is 10.96 ft above NGVD of 1929 (Florida Department of Transportation bench mark).

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1950 Sep 6	2830	14.10	1969 Jul 4	1930 <sup>2</sup>	12.36 <sup>5</sup>	1988 Sep 9	5430	16.64
1951 Aug 12	810	8.41	1970 Mar 27	1570 <sup>2</sup>	11.41 <sup>5</sup>	1989 Sep 10	217 <sup>E</sup>	5.30
1951 Oct 2	6680	16.84	1971 Sep 18	1420	11.05	1990 Jul 24	742 <sup>E</sup>	10.06
1952 Oct 22	4790	15.81	1972 Sep 4	1540	11.34	1991 Jul 4	1940	13.58
1953 Oct 10	4960	15.93	1973 Jan 24	1440	11.13	1992 Jun 27	8960	17.78
1955 Sep 2	1870	12.21	1974 Jul 7	3910	15.37	1993 Apr 2	1250	12.50
1956 Sep 13	442 <sup>E</sup>	6.22	1975 Sep 14	828	8.64	1994 Sep 18	4180	15.49
1957 Aug 9	1910	12.29	1975 Oct 30	693 <sup>E</sup>	7.91	1995 Jul 30	2260	13.94
1957 Oct 4	2540	13.57	1977 Sep 8	1430	11.58 <sup>5</sup>	1995 Oct 11	2790	14.45
1959 Jun 21	3870	15.12	1978 Aug 4	2350	13.22	1997 Sep 28	2520	13.89
1960 Aug 1	11700	17.94	1979 Sep 17	1780	13.47	1998 Mar 22	5870	16.42
1960 Oct 3	2100	12.76	1979 Oct 1	1880	13.83	1999 Jul 2	1100	12.27
1962 Sep 21	6690	16.70	1981 Sep 8	1420	13.45	2000 Sep 18	1230	12.59
1963 Sep 25	1090	9.57	1982 Jun 18	6260	17.34	2001 Sep 16	6710	16.80
1964 Sep 11	970	9.10	1983 Sep 23	1960	13.43	2002 Jul 6	2500	13.86
1965 Jul 31	1960	12.43	1984 Mar 13	1100	11.05	2003 Jun 23	11000	18.02
1965 Oct 4	1680	11.72	1985 Sep 7	614 <sup>E</sup>	8.53	2004 Sep 9	4940	15.42
1967 Sep 29	2240	13.52	1986 Sep 11	970	10.83	2005 Jun 6	1950	13.95
1968 Jul 23	3080	14.30	1987 Mar 31	2060	14.18	2005 Nov 2	928	10.59



## PEACE RIVER BASIN

### 02297320 HORSE CREEK NEAR NOCATEE, FL

**LOCATION.**--Lat 27°09'31", long 81°57'58" , in NE 1/4 sec.24, T.38 S., R.23 E., De Soto County, FL, Hydrologic Unit 03100101.

**DRAINAGE AREA.**--231 mi<sup>2</sup>.

**GAGE.**--Crest-stage gage. Datum of gage is at NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1981 Sep 9	1620	14.36	1991 Jul 4	1600	14.16	2000 Sep 18	1302	13.32
1982 Jun 19	6800	19.24	1992 Jun 28	7508	19.97	2001 Sep 16	7220	19.36
1983 Sep 24	2070	14.18	1993 Apr 3	1130	12.97	2002 Jul 2	1980	14.59
1984 Mar 13	1210	12.82	1994 Sep 18	4050	17.25	2003 Jun 23	9830	21.40
1986 Aug 21	980 <sup>E</sup>	12.10	1995 Jun 24	2960	16.18	2004 Sep 9	4940 <sup>8</sup>	
1987 Mar 31	2050	15.25	1995 Oct 11	2770	15.75	2005 Jun 6	1950 <sup>8</sup>	
1988 Sep 9	5800	18.68	1998 Mar 22	6080	18.94	2006 Sep 1	890 <sup>E</sup>	12.17
1990 Jul 25	800 <sup>E</sup>	11.24						

**PEACE RIVER BASIN**

**02298123 PRAIRIE CREEK NEAR FORT OGDEN, FL**

**LOCATION.**--Lat 27°03'06", long 81°47'05" , in SE 1/4 sec.26, T.39 S., R.25 E., De Soto County, FL, Hydrologic Unit 03100101, near center of span on downstream side of bridge on State Highway 31, 0.4 mi downstream from Myrtle Slough and 10.6 mi east of Fort Ogden.

**DRAINAGE AREA.**--233 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 25.00 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1964 Sep 16	2200	11.97	1985 Sep 6	1080	10.36	1995 Oct 11	1670	11.09
1965 Jul 21	1430	10.84	1986 Jun 24	1470	10.91	1997 Sep 28	990	10.71
1966 Aug 16	1130	10.26	1987 Apr 4	1130	10.43	1998 Mar 21	1960	11.52
1966 Oct 9	1280	10.56	1988 Sep 10	1740	11.28	1999 Jun 30	2080	11.82
1968 Jun 10	2860	12.88	1989 Aug 15	1060	10.42	1999 Oct 6	540 <sup>E</sup>	9.11
1978 Aug 6	1160	10.92	1990 Aug 20	1420	10.93	2001 Sep 15	2540	12.13
1979 Sep 16	2560	12.54	1991 Aug 6	1450	10.97	2002 Jul 2	2680	11.87
1979 Oct 1	4280	14.19	1992 Jun 29	2800	12.52	2003 Jun 23	3180	12.30
1981 Sep 19	1050	10.91	1993 Sep 4	937	10.37	2004 Aug 16	2500	11.97
1982 Jun 25	4800	13.42	1994 Sep 16	1770	11.61	2005 Jun 6	3050	12.45
1983 Feb 17	1970	11.07	1995 Aug 26	5320	13.75	2006 Sep 11	1550	11.10
1984 Mar 14	3810	12.84						

**PEACE RIVER BASIN**

**02298202 SHELL CREEK NEAR PUNTA GORDA, FL**

**LOCATION.**--Lat 26°59'04", long 81°56'09" , in NW 1/4 sec.20, T.40 S., R.24 E., Charlotte County, FL, Hydrologic Unit 03100101, near left bank 60 ft upstream from dam, 1.0 mi upstream from Myrtle Slough, 7 ¾ mi northeast of Punta Gorda.

**DRAINAGE AREA.**--373 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is at NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1965 Jul 22	2840	6.35	1977 Sep 4	852 <sup>E</sup>	5.68	1995 Jun 23	8650	7.86
1966 Sep 30	2400	6.17	1978 Mar 10	1420 <sup>E</sup>	5.92	1995 Oct 11	4070	6.80
1967 Aug 12	1360 <sup>E</sup>	5.73	1979 Sep 23	4320	6.85	1997 Sep 28	5000 <sup>2</sup>	
1968 Jun 11	3680	6.56	1979 Oct 2	5280	7.10	1998 Mar 20	3370	6.60
1969 Jun 15	2900	6.29	1981 Sep 19	2300	6.24	1999 Jul 2	4830 <sup>5</sup>	7.00
1970 Mar 27	4090	6.65	1982 Jun 26	5730	7.21	2000 Sep 18	1400 <sup>6E</sup>	5.91
1971 Sep 10	3720	6.48	1982 Oct 5	3580	6.64 <sup>5</sup>	2001 Sep 15	6010 <sup>6</sup>	7.29
1972 Jun 19	2390	6.12	1984 Mar 15	4650	6.94	2002 Jul 2	4110 <sup>6</sup>	7.13
1973 Aug 21	1450 <sup>E</sup>	5.89	1985 Sep 7	1270	5.86	2003 Jun 23	6670 <sup>6</sup>	7.44
1974 Jun 28	6110	7.30	1986 Jun 25	1860	6.09	2004 Sep 6	2580 <sup>6</sup>	6.30
1975 Aug 22	1780 <sup>E</sup>	6.06	1987 Mar 31	1180	5.82	2005 Jun 13	5350 <sup>6</sup>	7.13
1976 Jun 6	1080 <sup>E</sup>	5.80	1994 Sep 17		6.59	2006 Sep 17	3370 <sup>6</sup>	6.60

**PEACE RIVER BASIN**

**02298608 MYAKKA RIVER AT MYAKKA CITY, FL**

**LOCATION.**--Lat 27°20'36", long 82°09'25" , in SE 1/4 sec.13, T.36 S., R.21 E., Manatee County, FL, Hydrologic Unit 03100102, on downstream side of bridge on State Highway 70, 0.3 mi southeast of Myakka City, and 56 mi upstream from mouth.

**DRAINAGE AREA.**--125 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder, rain-gage and data-collection platform. Datum of gage is 24.45 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1963 Sep 23	3100	13.84	1985 Sep 3	1910	12.10	1995 Oct 6	1310	11.66
1964 Aug 17	934	11.79	1986 Sep 10	704 <sup>E</sup>	10.24	1997 Sep 28	1990	12.50
1965 Aug 1	2190	13.11	1987 Mar 30	2070	12.26	1997 Nov 14	6910	15.47
1966 Jun 23	1370	12.04	1988 Sep 8	6750	15.33	1999 Jun 20	1160	11.27
1978 Aug 3	1640	11.78 <sup>6</sup>	1989 Jul 4	994	11.14	2000 Sep 19	1910	12.41
1979 Sep 30	2150	12.31	1990 Jul 24	1190	11.47	2001 Sep 15	6530	15.30
1980 Apr 8	196 <sup>E</sup>	7.57	1991 Jul 2	1680	12.14	2002 Jul 2	1940	12.45
1981 Sep 8	2550	12.62	1992 Jun 26	12800	17.23	2003 Jun 22	10800	17.39
1982 Jun 19	3770	13.54	1993 Apr 1	1210	11.46	2004 Sep 7	4050 <sup>D</sup>	14.09
1982 Oct 5	1650	11.81	1994 Sep 20	2250	12.77	2005 Jun 5	1780	12.28
1983 Dec 17	679 <sup>E</sup>	10.16	1995 Aug 3	2500	12.99	2006 Sep 21	880	11.00

## PEACE RIVER BASIN

### 02298760 HOWARD CREEK NEAR SARASOTA, FL

**LOCATION.**--Lat 27°17'17", long 82°20'25" , in SE 1/4 sec.6, T.37 S., R.20 E., Sarasota County, FL, Hydrologic Unit 03100102, on right bank, 3.2 mi above mouth, 3.4 mi south of State Highway 780, and 12.2 mi east of Sarasota.

**DRAINAGE AREA.**--20.0 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 10.67 ft below NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1983 Dec 16	377	15.92	1990 Aug 31	57 <sup>E</sup>	13.15	2001 Sep 15	1290	17.98
1985 Sep 2	208	15.14	1991 May 27	430	16.28	2002 Sep 3	417	16.05
1986 Jul 30	102	14.23	1992 Jun 27	2700	19.61	2003 Jun 23	3000	19.93
1987 Mar 31	555	16.32	1993 Apr 2	284	15.53	2004 Aug 15	719	16.73
1988 Sep 8	2220	19.06	1994 Sep 28	697	16.88	2005 Jun 13	636	16.68
1989 Sep 10	96 <sup>E</sup>	14.04	1995 Jul 19	792	17.10	2006 Sep 20	554	16.17

**PEACE RIVER BASIN**

**02298830 MYAKKA RIVER NEAR SARASOTA, FL**

**LOCATION.**--Lat 27°14'25", long 82°18'50" , in SW 1/4 sec.21, T.37 S., R.20 E., Sarasota County, FL, Hydrologic Unit 03100102, on right bank, 0.5 mi upstream from bridge on State Highway 72, 1.9 mi upstream from Lower Myakka Lake, 14 mi southeast of Sarasota, and 36 mi upstream from mouth.

**DRAINAGE AREA.**--229 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 7.92 ft above NGVD of 1929. Prior to Apr. 10, 1941, nonrecording gage at site 0.5 mi downstream at same datum; Apr. 10, 1941 to June 28, 1961, nonrecording gage at present site and datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1936 Oct 16	1160	7.66 <sup>3</sup>	1961 Sep 1	712 <sup>E</sup>	7.16	1983 Dec 19	571 <sup>E</sup>	6.88
1938 Jul 13	3190	8.80 <sup>3</sup>	1962 Sep 23	7850	11.60	1985 Sep 6	1410	8.04
1939 Aug 15	4040	8.52 <sup>3</sup>	1963 Sep 27	1710	8.52	1986 Sep 15	589 <sup>E</sup>	6.88
1940 Sep 29	1350	7.02 <sup>3</sup>	1964 Feb 10	814 <sup>E</sup>	6.92	1987 Apr 1	1900	8.73
1941 Jul 20	1020 <sup>E</sup>	7.04	1965 Aug 2	2520	9.27	1988 Sep 10	7800	11.15
1942 Jun 27	1190 <sup>2</sup>	7.12	1966 Jun 26	995 <sup>E</sup>	7.25	1989 Jul 9	567 <sup>E</sup>	6.94
1943 Jun 30	3850	9.00	1967 Aug 16	1920	8.27	1989 Oct 1	587 <sup>E</sup>	7.03
1943 Oct 8	2230	8.02	1968 Jul 10	2210	8.72	1991 Jul 4	1870	8.43
1945 Aug 28	3360	8.68	1969 Sep 26	1420	8.05	1992 Jun 29	8680	11.73
1946 Aug 5	1010 <sup>E</sup>	7.44	1970 Jun 2	1600	7.74	1993 Apr 6	1070 <sup>E</sup>	7.81
1947 Sep 21	6620	10.78	1971 Sep 17	1580	8.24	1994 Sep 21	2340	9.29
1948 Sep 30	4800	9.92	1972 Sep 4	1540	8.24	1995 Aug 5	3920	9.74
1949 Aug 15	3160	8.53	1973 Jan 27	1630	8.11	1995 Oct 11	1550	8.00
1950 Sep 9	3000	8.38	1974 Jul 4	2870	9.49	1997 Sep 30	1470	8.31
1951 Jul 26	1360	7.66	1975 Jul 20	1170	7.75	1998 Mar 22	5050	10.57
1951 Oct 4	3440	9.24	1976 Aug 20	1910	8.57	1999 Aug 28	1460	8.30
1952 Oct 23	3630	9.11	1977 Aug 9	1820	8.61	2000 Sep 23	1270	8.32
1953 Oct 12	2520	8.67	1978 Aug 6	1550	8.18	2001 Sep 17	5070	10.58
1955 Sep 11	1360	7.96	1979 Jan 17	836 <sup>E</sup>	7.30	2002 Jul 5	1190	7.88
1956 Sep 12	826 <sup>E</sup>	7.42	1979 Oct 2	2320	8.97	2003 Jun 24	11100	12.46
1957 Aug 10	2340	9.00	1981 Aug 31	2480	9.13	2004 Sep 11	3620	9.95
1957 Oct 6	2280	9.43	1982 Jun 21	3000	9.47	2005 Jun 13	2020	8.98
1959 Sep 19	4270	10.19	1982 Oct 7	1660	8.31	2006 Sep 22	746 <sup>E</sup>	7.81
1960 Aug 1	8670	11.58						

## MYAKKA RIVER BASIN

### 02298928 TRIBUTARY TO MYAKKA RIVER NEAR VENICE, FL

**LOCATION.**--Lat 27°07'22", long 82°20'34" , in SW 1/4 SW 1/4 SE 1/4 sec.31, T.38 S., R.20 E., Sarasota County, FL, Hydrologic Unit 03100102.

**DRAINAGE AREA.**--0.20 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and weighing rain gage. Datum of gage is not determined.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1994 Sep 12	233 <sup>E</sup>	4.88	1998 Mar 24	704	7.25	2001 Sep 18	794	7.58
1995 Jul 19	253	6.94	1999 Sep 21	112 <sup>E</sup>	3.79	2002 Sep 1	85 <sup>E</sup>	3.35
1995 Oct 7	105 <sup>E</sup>	3.60	2000 Aug 13	134 <sup>E</sup>	4.01	2002 Dec 14	22 <sup>E</sup>	2.21
1997 Sep 28	295	5.30						

## MYAKKA RIVER BASIN

### 02299120 DEER PRAIRIE SLOUGH AT POWER LINE NR NORTH PORT, FL

**LOCATION.**--Lat 27°07'22", long 82°20'34" , in NE 1/4 sec.36, T.38 S., R.20 E., Sarasota County, FL, Hydrologic Unit 03100102.

**DRAINAGE AREA.**--32.0 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and weighing rain gage. Datum of gage is 1.73 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1994 Sep 19	393	24.58	1998 Mar 21	357	24.36	2001 Sep 17	688	26.46
1995 Aug 4	367	24.42	1999 Aug 28	241 <sup>E</sup>	23.58	2002 Sep 1	156 <sup>E</sup>	25.69
1995 Oct 11	347	24.30	2000 Aug 6	239 <sup>E</sup>	23.65	2002 Oct 16	45 <sup>E</sup>	25.22
1997 Sep 29	330	24.19						



## MYAKKA RIVER BASIN

### 02299160 DEER PRAIRIE SLOUGH NR NORTH PORT CHARLOTTE, FL

**LOCATION.**--Lat 27°06'51", long 82°15'50" , in sec.6, T.39 S., R.21 E., Sarasota County, FL, Hydrologic Unit 03100102.

**DRAINAGE AREA.**--33.2 mi<sup>2</sup>.

**GAGE.**--Crest-stage gage. Datum of gage is undetermined.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1981 Aug 28	356	18.44	1985 Sep 4	113	16.85	1989 Sep 3	76.0	16.32
1982 Jun 20	387	18.51	1986 Sep 10	176	17.53	1990 Aug 28	35.0	15.63
1983 Sep 24	394 <sup>2</sup>	18.49 <sup>5</sup>	1987 Apr 1	382	18.47	1991 Jul 6	225	17.94
1984 Mar 13	176	17.48	1988 Sep 9	971 <sup>2</sup>	19.37 <sup>5</sup>	1992 Jun 28	834	19.21

## MYAKKA RIVER BASIN

### 02299410 BIG SLOUGH CANAL NEAR MYAKKA CITY, FL

**LOCATION.**--Lat 27°11'35", long 82°08'40" , in SW 1/4 sec.6, T.38 S., R.22 E., Sarasota County, FL, Hydrologic Unit 03100102, near center of span on upstream side of bridge on State Highway 72, 0.6 mi upstream from Mud Lake Slough, and 11 mi south of Myakka City.

**DRAINAGE AREA.**--36.5 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 2.28 ft above NGVD of 1929 (Florida Department of Transportation bench mark). Prior to September 1966, nonrecording gage at same site at datum 24.34 ft higher.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1962 Sep 21	2480 <sup>C</sup>	9.39	1987 Mar 31	614 <sup>E</sup>	30.70	1997 Sep 30	533 <sup>E</sup>	30.39
1963 Sep 25	542 <sup>CE</sup>	7.34	1988 Sep 9	1060	31.25	1998 Mar 21	1430	31.30
1964 Sep 10	670 <sup>CE</sup>	7.50	1989 Aug 28	99.0 <sup>E</sup>	27.71	1999 Aug 25	476 <sup>E</sup>	30.25
1965 Jul 15	974 <sup>CE</sup>	7.86	1990 Aug 31	237 <sup>E</sup>	29.24	2000 Sep 17	845 <sup>E</sup>	30.85
1966 Jul 17	582 <sup>CE</sup>	7.39	1991 Jun 22	178 <sup>E</sup>	28.80	2001 Sep 16	1380	31.27
1981 Sep 10	443 <sup>E</sup>	30.95 <sup>6</sup>	1992 Jun 27	8600 <sup>C</sup>	33.10	2002 Jul 5	419	29.97 <sup>2</sup>
1982 Jun 20	834 <sup>E</sup>	31.10	1993 Apr 5	272 <sup>E</sup>	29.48	2003 Jun 22	7180	32.90
1982 Oct 6	632 <sup>E</sup>	30.59	1994 Sep 20	582 <sup>E</sup>	30.58	2004 Aug 15	1990	31.63
1984 Mar 13	323 <sup>E</sup>	29.34	1995 Jul 31	468 <sup>E</sup>	30.23	2005 Jun 15	438 <sup>28</sup>	30.1 <sup>5</sup>
1985 Sep 5	85.0 <sup>E</sup>	27.37	1995 Oct 10	640 <sup>E</sup>	30.70	2006 Sep 11	764 <sup>E</sup>	30.77
1986 Jul 6	190 <sup>E</sup>	28.68						

**MYAKKA RIVER BASIN**

**02299800 PHILLIPPI CREEK AT SARASOTA, FL**

**LOCATION.**--Lat 27°19'20", long 82°30'20" , in SE 1/4 sec.28, T.36 S., R.18 E., Sarasota County, FL, Hydrologic Unit 03100201, at bridge on Bahia Vista Street, Sarasota, 1.5 mi east of U.S. Highway 41, and 4.8 mi upstream from mouth.

**DRAINAGE AREA.**--45 mi<sup>2</sup>.

**GAGE.**--Crest-stage and partial-record gage. Datum of gage is at NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1960 Sep 11	4240	11.48	1967	416 <sup>2B</sup>		1974 Aug 2	1040	5.49
1961 Feb 7	800	4.70	1968 Jun 28	1190	5.86	1975	412 <sup>2B</sup>	3.86
1962 Sep 21	6740	14.20	1969 Aug 5	1080	5.59	1976	412 <sup>2B</sup>	
1963 Feb 12	920	5.20	1970 Aug 16	820	4.95	1977 Jul 30	860	5.09
1964 Feb 5	912	5.18	1971 Sep 8	4400	10.82	1978 Aug 12	690	4.43
1965 Jul 31	1120	5.70	1972 Sep 1	832	4.98	1981 Aug 26	2820	9.09
1966	416 <sup>2B</sup>		1973	412 <sup>2B</sup>	3.86			

**MANATEE RIVER BASIN**

**02299950 MANATEE RIVER NEAR MYAKKA HEAD, FL**

**LOCATION.**--Lat 27°28'24", long 82°12'41" , in SE 1/4 sec.33, T.34 S., R.21 E., Manatee County, FL, Hydrologic Unit 03100202, near center of span on downstream side of bridge on State Highway 64, 2.0 mi downstream from confluence of North and East Forks Manatee River, 5.4 mi east of State Highway 675, 8.4 mi west of Myakka Head, and 36 mi upstream from mouth.

**DRAINAGE AREA.**--65.3 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder, rain gage and data-collection platform. Datum of gage is 40.93 ft above NGVD of 1929 (Florida Department of Transportation bench mark).

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1967 Jul 24	2240	13.30	1981 Sep 8	2100	15.17	1995 Jul 28	2050	14.41
1968 Jul 21	1460	11.46	1982 Jun 18	4420	17.45	1996 Jun 27	711 <sup>E</sup>	11.12
1969 Sep 22	1780	12.26	1983 Aug 17	1170	12.72	1997 Sep 28	2290	14.76
1969 Oct 3	1810	12.33	1983 Dec 30	1000	11.86	1997 Nov 14	7190	18.08
1971 Sep 14	2250	13.33	1985 Sep 1	2430	15.70	1998 Oct 13	1310	13.52
1972 Aug 31	2410	13.67	1986 Jun 24	929	11.47	2000 Sep 8	1900	14.46
1973 Sep 5	1800	12.50	1987 Jul 21	1920	14.84	2001 Sep 14	4520 <sup>2</sup>	
1974 Jul 2	1390	12.15	1988 Sep 7	5410	17.85	2002 Jul 14	886 <sup>E</sup>	12.13
1975 Jul 18	1520	12.61	1989 Sep 27	1150	12.63	2003 Jun 21	11700	20.58
1976 Aug 15	3130	15.33	1990 Feb 24	444 <sup>E</sup>	8.21	2004 Sep 6	3030	15.94
1977 Sep 5	1310	11.89	1991 Jun 30	3400	16.80	2005 Feb 28	3270	16.17
1978 Aug 3	1920	14.84	1992 Jun 26	4950	17.21	2006 Sep 17	1780	14.38
1979 Sep 22	2160	15.34	1993 Sep 7	962	12.49			
1980 Apr 1	452 <sup>E</sup>	8.99	1994 Sep 16	2440	15.13			

## MANATEE RIVER BASIN

### 02300000 MANATEE RIVER NEAR BRADENTON, FL

**LOCATION.**--Lat 27°28'30", long 82°18'05" , in SW 1/4 sec.34, T.34 S., R.20 E., Manatee County, FL, Hydrologic Unit 03100202, on left bank 150 ft upstream from bridge on State Highway 675, 800 ft upstream from Craig Branch, 6.4 mi northwest of Verna, and 17 mi east of Bradenton.

**DRAINAGE AREA.**--87.10 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 11.72 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1940 Aug 7	1360	17.41	1949 Sep 29	4430	23.05	1958 Jan 24	2220	20.90
1941 Jul 15	868	13.55	1950 Sep 6	1790	19.70	1959 Jun 18	5430	23.86
1942 Feb 25	1780	19.70	1951 Jul 23	1680	19.20	1960 Sep 11	8410	25.67
1943 Jun 27	5710	24.14	1952 Sep 30	3220	21.95	1961 Aug 27	1220	16.87
1943 Oct 3	2350	21.06	1952 Oct 21	3600	22.28	1962 Sep 21	9420	25.79
1945 Aug 26	4200	22.80	1953 Nov 26	2570	21.35	1963 Sep 19	3700	22.37
1946 Aug 3	1580	18.74	1955 Sep 2	887	13.94	1964 Feb 6	684	13.48
1947 Sep 18	6170	24.51	1956 Sep 3	1330	17.23	1965 Jul 22	3440	22.13
1948 Sep 28	3500	22.22	1957 Aug 7	1790	19.84	1966 Jan 30	552	11.67

## MANATEE RIVER BASIN

### 02300018 GAMBLE CREEK NEAR PARRISH, FL

**LOCATION.**--Lat 27°33'11", long 82°23'23" , in NE 1/4 sec.3, T.34 S., R.19 E., Manatee County, FL, Hydrologic Unit 03100202, on downstream side of bridge on Golf Course Road, 0.2 mi downstream from Frye Canal, 3.0 mi southeast of Parrish, and 5.7 mi above mouth.

**DRAINAGE AREA.**--50.6 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is at NGVD of 1929 (Manatee County bench mark). Previously published as 7.52 below NGVD of 1929 in error.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1987 Mar 31	980	12.68	1992 Jun 26	9200	17.99	2003 Jun 22	4350	16.50
1988 Sep 7	2100	16.72	1993 Sep 7	592	11.41	2004 Sep 7	1680	14.61
1989 Sep 26	580	10.40	2001 Sep 15	6660	17.33	2005 Jun 11	773	12.02
1990	260 <sup>BE</sup>	7.92	2002 Aug 31	540	10.66	2006 Jul 9	1020	12.99
1990 Oct 11	980	13.89						

**MANATEE RIVER BASIN**

**02300032 BRADEN RIVER NEAR LORRAINE, FL**

**LOCATION.**--Lat 27°25'20", long 82°25'00" referenced to North American Datum of 1927, in SE 1/4 NE 1/4 SE 1/4 sec.20, T.35 S., R.19 E., Manatee County, FL, Hydrologic Unit 03100202, 0.7 mi south of State Highway 70, 1.4 mi southwest of Lorraine, and 14.8 mi upstream from mouth.

**DRAINAGE AREA.**--25.8 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 3.79 ft below National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark), and 2.82 ft below NAVD88 (differential GPS).

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1988 Sep 8	2930	27.86	1995 Jul 19	1240	24.78	2001 Sep 14	2570	27.11
1989 Sep 5	644 <sup>2E</sup>		1995 Nov 1	574 <sup>E</sup>	21.69	2002 Jul 14	982	22.56
1990 Aug 14	482 <sup>E</sup>	19.52	1997 Sep 28	1350	25.04	2003 Jun 22	2080	25.99
1990 Oct 11	2290	26.48	1997 Nov 14	2760	27.47	2004 Aug 4	1540	24.73
1992 Jun 26	3120	27.90	1999 Aug 23	922	23.49	2005 Feb 28	1710	24.99
1993 Aug 31	721	21.26	2000 Sep 18	543	20.07	2006 Aug 17	1020	22.70
1994 Jul 20	919	23.86						

## MANATEE RIVER BASIN

### 02300034 HICKORY HAMMOCK CREEK NEAR LORRAINE, FL

**LOCATION.**--Lat 27°25'18", long 82°25'56" referenced to North American Datum of 1927, in SW 1/4 NW 1/4 SW 1/4 sec.20, T.35 S., R.19 E., Manatee County, FL, Hydrologic Unit 03100202, 0.9 mi south of State Highway 70, and 0.2 mi above mouth.

**DRAINAGE AREA.**--2.4 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is at NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1988 Sep 7	248	17.55	1993 Jan 15	70.0	11.53	1997 Nov 14	180	17.39
1989 Aug 25	101	12.76	1994 Sep 16	96.0	13.53	1999 Aug 22	110	14.07
1990 Feb 23	36.0 <sup>E</sup>	10.12	1995 Aug 26	145	15.84	2000 Sep 24	46	10.59
1990 Oct 11	191	15.83	1996 Jun 21	162	16.64	2001 Sep 14	175	17.18
1992 Jun 26	280	18.45	1997 Sep 27	130	14.96			



## MANATEE RIVER BASIN

### 023000355 COOPER CREEK AT UNIVERSITY PARKWAY NR SARASOTA, FL

**LOCATION.**--Lat 27°23'18", long 82°27'35" referenced to North American Datum of 1927, in SW 1/4 SE 1/4 SW 1/4 sec.36, T.35 S., R.18 E., Manatee County, FL, Hydrologic Unit 03100202, on University Parkway 0.2 mi west of I-75, 3.0 mi east of Sarasota, and 1.5 mi above mouth.

**DRAINAGE AREA.**--9.33 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 0.72 below NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1988 Sep 7	235	20.76	1993 Aug 31	123	19.62	1997 Nov 13	223	21.01
1989 Sep 25	68 <sup>E</sup>	18.98	1994 Sep 26	73	18.98	1999 Aug 23	149	20.20
1990 Aug 16	29 <sup>E</sup>	17.16	1995 Aug 26	182	20.35	2000 Sep 25	64 <sup>2</sup>	
1991 May 25	115	19.65	1995 Nov 1	168	20.23	2001 Sep 14	255	21.26
1992 Jun 25	258	20.92	1997 Sep 27	131	19.87			

## MANATEE RIVER BASIN

### 02300037 CEDAR CREEK NEAR SARASOTA, FL

**LOCATION.**--Lat 27°24'51", long 82°28'53" referenced to North American Datum of 1927, in SE 1/4 NE 1/4 NE 1/4 sec.27, T.35 S., R.18 E., Manatee County, FL, Hydrologic Unit 03100202, in Palm Aire Country Club subdivision, 1.8 mi north of University Parkway, 0.4 mi east of Whitfield Drive, 5.8 mi NE of Sarasota, and 0.5 mi above mouth.

**DRAINAGE AREA.**--0.94 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 10.09 below NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1989 Sep 25	58.0	17.41	1994 Jul 1	44 <sup>E</sup>	16.70	1998 Mar 20	110	18.58
1990 Feb 23	13 <sup>E</sup>	15.60	1995 Aug 26	134	19.08	1999 Aug 23	110	18.57
1990 Oct 11	68.0	17.73	1995 Nov 1	112	18.60	2000 Sep 17	87	18.02
1992 Jun 25	238	21.47	1997 Sep 27	110 <sup>2</sup>		2001 Sep 14	256	21.25
1993 Jan 15	44 <sup>E</sup>	16.87						

## MANATEE RIVER BASIN

### 02300038 RATTLESNAKE SLOUGH NEAR SARASOTA, FL

**LOCATION.**--Lat 27°25'24", long 82°29'25" referenced to North American Datum of 1927, in NE 1/4 NE 1/4 SW 1/4 sec.22, T.35 S., R.18 E., Manatee County, FL, Hydrologic Unit 03100202, 0.3 mi north of Whitfield Drive, 2.0 mi east of Sarasota, and 0.2 mi above mouth.

**DRAINAGE AREA.**--3.78 mi<sup>2</sup>.

**GAGE.**--Crest-stage gage. Datum of gage is 13.82 below NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1988 Sep 7	494	25.80	1993 Aug 30	75	23.54	1997 Nov 14	220	24.70
1989 Sep 26	94.0	23.65	1994 Sep 27	46 <sup>E</sup>	22.84	1999 Aug 23	51	22.49
1990 Jul 16	47 <sup>E</sup>	22.82	1995 Aug 26	114	24.04	2000 Sep 17	167	23.26
1990 Oct 11	139	24.12	1996 Jun 17	214	24.75	2001 Sep 14	473	25.53
1992 Jun 26	567	26.13	1997 Sep 27	140 <sup>E</sup>				

## MANATEE RIVER BASIN

### 02300039 NONSENSE CREEK NEAR BRADENTON, FL

**LOCATION.**--Lat 27°26'04", long 82°28'04" referenced to North American Datum of 1927, in NW 1/4 SE 1/4 SE 1/4 sec.14, T.35 S., R.18 E., Manatee County, FL, Hydrologic Unit 03100202, on left bank 0.7 mi south of State Highway 70, 0.8 mi east of Jiggs Landing, and 0.9 mi upstream from Ward Lake, and 9 mi southeast of Bradenton. Gage was moved 110 ft upstream of this site on August 4, 1993.

**DRAINAGE AREA.**--1.14 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 3.66 ft below NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1988 Sep 7	448	20.40	1993 Jan 16	66 <sup>E</sup>	17.25	1998 Jan 23	439	20.36
1989 Aug 25	100	18.23	1994 Sep 17	58 <sup>E</sup>	17.10	1999 Aug 19	229	19.41
1990 Feb 23	24 <sup>E</sup>	15.51	1995 Aug 26	352	20.02	2000 Sep 26	70 <sup>2</sup>	
1990 Oct 11	236	19.49	1996 Jun 21	273	19.65	2001 Sep 14	486	20.52
1992 Jun 25	710	21.13	1997 Sep 27	259	19.58			

**LITTLE MANATEE RIVER BASIN**

**02300100 LITTLE MANATEE RIVER NEAR FT. LONESOME, FL**

**LOCATION.**--Lat 27°42'16", long 82°11'53" referenced to North American Datum of 1927, in NW 1/4 sec.15, T.32 S., R.21 E., Hillsborough County, FL, Hydrologic Unit 03100203, on left bank, 100 ft downstream from bridge on State Highway 674, 0.6 mi upstream from Howard Prairie Branch, 3.2 mi west of Fort Lonesome, 6.2 mi east of Wimauma, and 30 mi upstream from mouth.

**DRAINAGE AREA.**--31.4 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 45.00 ft above National Geodetic Vertical Datum of 1929. Prior to June 23, 1980, at site 100 ft upstream at same datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1963 Sep 23	386 <sup>E</sup>	8.74	1978 Aug 3	1700	10.63	1993 Sep 7	230 <sup>12E</sup>	
1964 Jan 13	450 <sup>E</sup>	8.88	1979 Sep 22	3100	11.73	1994 Sep 17	810	9.85
1965 Jul 31	864	9.62	1980 Jun 21	392 <sup>E</sup>	8.55	1995 Aug 2	961	10.14
1965 Oct 1	362 <sup>E</sup>	8.68	1981 Sep 6	2650	11.31	1995 Nov 1	825	9.88
1967 Aug 13	1300	10.80	1982 Jun 18	1040	10.01	1997 Sep 28	548	9.22
1968 Sep 14	976	9.77	1983 Sep 19	778	9.53	1997 Dec 13	1040	10.28
1969 Mar 9	570	9.12	1983 Dec 30	445 <sup>E</sup>	8.66	1999 Aug 23	363 <sup>E</sup>	8.61
1970 May 29	774	9.49	1985 Sep 2	594	9.15	2000 Sep 17	285 <sup>E</sup>	8.27
1971 Sep 18	296 <sup>E</sup>	8.38	1986 Mar 16	390 <sup>E</sup>	8.58	2001 Sep 14	1160	10.47
1972 Feb 2	829	9.57	1987 May 15	852	10.01	2002 Apr 14	341 <sup>E</sup>	8.52
1973 Apr 4	1310	10.20	1988 Sep 7	2640	12.24	2003 Aug 25	1160	10.48
1974 Jul 3	768	9.58	1989 Sep 25	485 <sup>E</sup>	8.61	2004 Sep 6	1100	10.37
1975 Jul 24	599	9.19	1990 Jul 22	451 <sup>E</sup>	8.48	2005 Jun 29	353 <sup>28</sup>	8.50
1975 Oct 29	579	9.15	1991 Jul 13	941	10.23	2006 Sep 20	315 <sup>E</sup>	8.40
1977 Sep 28	515	9.01	1992 Jun 26	1190	10.52			

**LITTLE MANATEE RIVER BASIN**

**02300200 SOUTH FORK LITTLE MANATEE RIVER NEAR DUETTE, FL**

**LOCATION.**--Lat 27°35'25", long 82°10'57" referenced to North American Datum of 1927, in SW 1/4 sec.23, T.33 S., R.21 E., Manatee County, FL, Hydrologic Unit 03100203, at bridge on Bunker Hill Road, 0.5 mi upstream from Graveyard Creek, 3.7 mi west of Duette, and 12 mi upstream from mouth.

**DRAINAGE AREA.**--9.40 mi<sup>2</sup>.

**GAGE.**--Crest-stage partial record gage. Datum of gage is 89.25 ft above National Geodetic Vertical Datum of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1960 Sep 11	1040	6.96	1976 Aug 14	380	4.00	1993 Sep 7	360	3.92
1961 Feb 8	70 <sup>E</sup>	2.43	1977 Sep 17	216 <sup>E</sup>	3.26	1994 Sep 16	256	3.55
1962 Sep 21	875	6.23	1978 Feb 19	331	3.78	1995 Aug 3	284	3.73
1963 Sep 24	398	4.08	1979 Sep 22	404	4.11	1996 Jan 3	204	3.18
1964 Jan 13	167	3.04	1981 Aug 27	480	4.45	1997 Sep 26	293	3.69
1965 Jul 21	240	3.37	1982 Jun 18	600	4.98	1998 Mar 21	583	5.28
1966 Jan 27	82 <sup>E</sup>	2.53	1983 Aug 17	509	4.58	1998 Oct 15	333	4.03
1967 Aug 13	320	3.73	1983 Dec 30	167	3.04	2000 Sep 19	388	4.11
1968 Sep 13	112	2.75	1985 Sep 2	628	5.12	2001 Sep 15	660	5.11
1969 Mar 9	273	3.52	1986 Aug 28	101	2.45	2002 Jul 14	257	3.56
1970 May 29	39 <sup>E</sup>	2.02	1987 May 15	471	4.41	2003 Jun 23	444	4.63
1971 Aug 12	148	2.94	1988 Sep 7	593	4.96	2004 Sep 6	318	3.94
1972 Feb 2	209	3.23	1989 Sep 27	595	4.97	2005 Feb 28	301	3.84
1973 Sep 5	369	3.95	1990 Feb 24	72 <sup>E</sup>	2.00	2006 Sep 20	226	3.39
1974 Jul 1	120	2.80	1991 Jun 30	227	3.31			
1975 Jul 18	433	4.24	1992 Jun 26	1570	8.61			

**LITTLE MANATEE RIVER BASIN**

**02300500 LITTLE MANATEE RIVER NEAR WIMAUMA, FL**

**LOCATION.**--Lat 27°40'15", long 82°21'10" referenced to North American Datum of 1927, in NE 1/4 sec.25, T.32 S., R.19 E., Hillsborough County, FL, Hydrologic Unit 03100203, near center of span on downstream side of bridge on U. S. Highway 301, 1.6 mi upstream from Cypress Creek, 4.2 mi southwest of Wimauma, and 15 mi upstream from mouth.

**DRAINAGE AREA.**--149 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder, rain gage and data-collection platform. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1965, at site 75 ft downstream at datum 2.17 ft higher; Oct. 1, 1965, to Sept. 30, 1970, at site 75 ft downstream at present datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1939 Aug 13	8410	14.00	1962 Sep 21	11600	16.62	1985 Sep 3	1250 <sup>E</sup>	11.84
1940 Aug 5	1310 <sup>E</sup>	7.54	1963 Feb 13	4290	12.03	1986 Aug 28	798 <sup>E</sup>	9.63
1941 Jul 17	1620	8.13	1964 Feb 7	1280 <sup>E</sup>	7.81	1987 Apr 1	2000	14.22
1942 Feb 25	1740	8.40	1965 Aug 1	2710	10.43	1988 Sep 8	12600	20.14
1943 Jun 28	4890	12.34	1966 Aug 9	906 <sup>E</sup>	8.67 <sup>6</sup>	1989 Sep 27	1310 <sup>E</sup>	12.85
1944 Aug 1	1520	7.59	1967 Aug 14	4690	15.81	1990 Feb 25	570 <sup>6E</sup>	8.23
1945 Jun 24	9550	14.44	1968 Jul 6	3810	14.41	1991 Jul 15	2160 <sup>6</sup>	14.35
1946 Jul 2	6200	13.13	1969 Sep 3	1900	12.01	1992 Jun 27	7710 <sup>6</sup>	18.31
1947 Sep 19	7630	13.69	1970 Mar 28	2180	12.18	1993 Sep 9	869 <sup>6E</sup>	10.33
1948 Sep 29	2880	10.06	1971 Aug 16	2080	12.32	1994 Sep 29	3470 <sup>6</sup>	15.40
1949 Aug 28	5070	12.52	1972 Feb 2	2310	12.70	1995 Aug 4	2700 <sup>6</sup>	14.53
1950 Sep 6	3870	11.37	1973 Apr 5	2990	13.57	1996 Jan 3	2100 <sup>26</sup>	
1951 Sep 20	2530	9.52	1974 Jul 3	2060	12.64	1997 Sep 28	5510 <sup>6</sup>	17.17
1951 Oct 3	1400	7.33	1975 Jul 25	1570	11.56	1998 Mar 20	8600 <sup>6</sup>	18.70
1952 Oct 20	6020	13.05	1975 Oct 31	782 <sup>E</sup>	8.78	1999 Jun 19	551 <sup>6E</sup>	8.33
1953 Nov 26	5070	12.50	1977 Sep 22	1630	11.70	2000 Sep 19	1210 <sup>6E</sup>	12.24
1955 Aug 4	2010	8.98	1978 Aug 6	2240	13.00	2001 Sep 15	11800 <sup>6</sup>	19.88
1956 Aug 23	642 <sup>E</sup>	4.85	1979 Sep 23	5720	16.68	2002 Jul 3	894 <sup>6E</sup>	10.64
1957 Aug 7	3000	10.44	1980 May 28	780 <sup>E</sup>	8.76	2003 Jun 22	6400 <sup>6</sup>	17.67
1958 Apr 16	2570	10.23	1981 Sep 7	4840	16.40	2004 Sep 7	5380 <sup>6</sup>	17.09
1959 Sep 17	8830	15.68	1982 Jun 19	4870	16.07	2005 Jun 12	1030 <sup>6</sup>	11.30
1960 Sep 11	14000	17.59	1983 Sep 21	2070	12.66	2006 Sep 22	1010 <sup>6E</sup>	11.23
1961 Aug 27	945 <sup>E</sup>	6.66	1983 Dec 31	1500	11.35			

## LITTLE MANATEE RIVER BASIN

### 02300530 CYPRESS CREEK NEAR WIMAUMA, FL

**LOCATION.**--Lat 27°42'27", long 82°21'50" referenced to North American Datum of 1927, in sec.12, T.32 S., R.19 E., Hillsborough County, FL, Hydrologic Unit 03100203, at center of span on upstream side of bridge on King's Boulevard, 0.3 mi south of State Highway 674, 2.7 mi upstream from mouth, and 3.5 mi west of Wimauma.

**DRAINAGE AREA.**--8.10 mi<sup>2</sup>.

**GAGE.**--Crest-stage gage. Datum of gage is 15.11 ft above NGVD of 1929.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1981 Aug 21	157	9.58	1985 Jul 26	231	10.03	1989 Sep 10	211	9.66
1982 Jun 18	449	12.83	1986 Jul 6	292	11.07	1990 May 27	119	7.78
1983 Feb 2	347	11.17	1987 Mar 31	273	11.04	1990 Oct 11	182	9.77
1984 Jul 31	146	8.26	1988 Sep 7	754	14.96			



**TAMPA BAY RIVER BASIN**

**02300700 BULLFROG CREEK NEAR WIMAUMA, FL**

**LOCATION.**--Lat 27°47'30", long 82°21'08" referenced to North American Datum of 1927, in SE 1/4 sec.12, T.31 S., R.19 E., Hillsborough County, FL, Hydrologic Unit 03100206, near center of span on downstream side of bridge on State Highway 672-S, 0.6 mi downstream from Little Bullfrog Creek, 6.0 mi northwest of Wimauma, and 8.7 mi upstream from mouth.

**DRAINAGE AREA.**--29.1 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder, rain gage, and data-collection platform. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Prior to September 1974, nonrecording gage at same site and datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1958 Apr 16	958	27.80	1974 Jul 3	588	25.69	1992 Jun 26	1710	28.25
1959 Jun 19	2820	29.01	1977 Aug 25	1030	26.77	1993 Mar 13	355 <sup>E</sup>	24.34
1960 Sep 11	5200	30.59	1978 Feb 19	709	25.96	1994 Sep 27	1340	27.89
1961	280 <sup>2B</sup>		1979 Sep 24	957	26.63	1995 Aug 3	964	27.21
1962 Sep 21	3830	29.82	1980 Aug 25	215 <sup>E</sup>	22.29	1996 Jan 2	1720	28.26
1963 Sep 24	1330	27.32	1981 Aug 21	823	26.31	1997 Sep 27	4100	30.64
1964 Jan 13	4650	30.31	1982 Jun 18	2360	28.86	1997 Dec 13	2210	28.86
1965 Aug 1	2750	28.94	1983 Feb 2	1090	27.04	1999 Aug 24	445	24.87
1966 Aug 7	560	25.20	1983 Dec 30	402	24.21	2000 Sep 9	691	26.24
1967 Aug 13	1700	27.84	1985 Sep 2	670	26.35	2001 Sep 14	4760	30.41
1967 Oct 1	400	24.07	1986 Mar 16	688	25.94	2002 Jul 2	917	27.01
1969 Sep 3	835	25.73	1987 Mar 31	1250	27.38	2003 Jan 1	2690	29.24
1969 Dec 11	785	25.61	1988 Sep 7	3970	30.31	2004 Sep 6	2990	29.45
1971 Sep 14	569	25.71	1989 Sep 10	800 <sup>2</sup>		2005 Mar 18	715	26.35 <sup>2</sup>
1972 Aug 27	520	25.46	1990 Sep 3	307 <sup>E</sup>	23.85	2006 Jul 9	665	26.18
1973 Apr 5	2730	28.92	1991 Jul 13	2250	28.67			

**TAMPA BAY RIVER BASIN**

**02301000 NORTH PRONG ALAFIA RIVER AT KEYSVILLE, FL**

**LOCATION.**--Lat 27°53'01", long 82°06'01" referenced to North American Datum of 1927, in SW 1/4 sec.10, T.30 S., R.22 E., Hillsborough County, FL, Hydrologic Unit 03100204, near left bank on upstream side of highway bridge, 0.6 mi north of Keysville, 4.0 mi upstream from confluence with South Prong Alafia River, and 29 mi upstream from mouth of Alafia River at Hillsborough Bay.

**DRAINAGE AREA.**--135 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is 38.56 ft above National Geodetic Vertical Datum of 1929. Prior to May 8, 1974, at same site at same datum; May 8, 1974, to July 13, 1995, at site 300 ft downstream at same datum.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1950 Sep 7	2700	11.87	1968 Sep 14	1850	11.13	1986 Aug 25	1530	10.41
1950 Oct 19	934 <sup>E</sup>	9.14	1969 Mar 17	1320	10.30	1987 Mar 30	2870	11.44
1952 Aug 19	970 <sup>E</sup>	9.52	1969 Oct 3	2140	11.35	1988 Sep 7	4760	13.18
1952 Oct 20	3490	12.53	1971 Sep 14	590 <sup>E</sup>	8.80	1988 Nov 24	1110	9.74
1953 Nov 25	3860	12.78	1972 Feb 4	1280	10.25	1990 Feb 25	406	6.38
1955 Jul 1	885 <sup>E</sup>	9.58	1973 Apr 5	797 <sup>E</sup>	9.37	1991 Jul 14	3150	12.12
1956 Sep 3	688 <sup>E</sup>	9.06	1974 Aug 12	1730	11.09	1995 Aug 3	3230	12.13
1957 Aug 24	3420	12.48	1975 Sep 19	492 <sup>E</sup>	8.56	1996 Jan 2	1970	10.95
1958 Feb 27	1940	11.13	1976 Jun 10	1240	10.38	1997 Sep 27	2260	11.27
1959 Mar 20	5580	13.47	1977 Sep 23	227 <sup>E</sup>	5.62	1997 Dec 27	4910	13.23
1960 Sep 11	9570	15.86	1978 Aug 4	620 <sup>2E</sup>	8.53 <sup>5</sup>	1999 Jun 14	624 <sup>E</sup>	7.79
1960 Oct 10	890 <sup>E</sup>	9.54	1979 Sep 22	3320	12.25	2000 Sep 18	645 <sup>E</sup>	7.93
1962 Sep 21	2640	11.71	1980 May 27	800 <sup>2E</sup>	9.03 <sup>5</sup>	2001 Sep 15	4010	12.69
1963 Feb 27	1090	10.11	1981 Sep 1	764 <sup>E</sup>	8.74	2002 Jun 25	1240	9.96
1964 Jan 13	2540	11.75	1982 Jun 18	2380	11.68	2003 Jan 1	7310	14.37
1965 Aug 10	1660	10.77	1983 Mar 17	1770	10.74	2004 Sep 6	9550	15.18
1966 Jan 24	945 <sup>E</sup>	9.65	1983 Dec 30	1160	9.83	2005 Jul 25	1690	11.16
1967 Aug 14	2170	11.50	1985 Sep 2	2290	11.34	2005 Oct 25	2870	12.01

**TAMPA BAY RIVER BASIN**

**02301300 SOUTH PRONG ALAFIA RIVER NEAR LITHIA, FL**

**LOCATION.**--Lat 27°47'47", long 82°07'04" referenced to North American Datum of 1927, in SW 1/4 sec.9, T.31 S., R.22 E., Hillsborough County, FL, Hydrologic Unit 03100204, on upstream face of bridge, 1.5 mi upstream from Halls Branch, 5.0 mi southeast of Lithia, and 7.6 mi upstream from mouth.

**DRAINAGE AREA.**--107 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder and data-collection platform. Datum of gage is 40.00 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 13, 1965, at datum 41.56 ft lower; Oct. 13, 1965, to Apr. 11, 1975, at datum 10.00 ft higher; Nov. 29, 1971, to July 25, 1972, nonrecording gage. Prior to July 25, 1972, at site 12 ft downstream; July 25, 1972, to Dec. 17, 1973, at site 60 ft upstream.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1963 Feb 13	2200	58.77	1978 Aug 5	386 <sup>E</sup>	14.89	1993 Sep 8	301 <sup>E</sup>	14.57
1964 May 4	578	57.58	1979 Sep 22	1600	17.09	1994 Sep 28	733	16.15
1965 Aug 1	950	58.04	1980 May 26	362 <sup>E</sup>	14.99	1995 Aug 3	856	16.36
1965 Oct 1	512	5.53 <sup>6</sup>	1981 Sep 6	1600	17.09 <sup>5</sup>	1995 Nov 2	664	16.02
1967 Aug 14	2600	7.88	1982 Sep 27	655	15.98	1997 Sep 28	700 <sup>2</sup>	16.23
1968 Jul 19	1660	6.72	1983 Sep 20	624	16.01	1997 Dec 14	1010	16.59
1969 Aug 20	1360	6.69	1983 Dec 31	390 <sup>E</sup>	15.01	1998 Oct 13	426 <sup>E</sup>	15.32
1969 Oct 4	1250	6.47	1985 Sep 2	520	16.00	1999 Oct 6	357 <sup>E</sup>	14.94
1971 Sep 15	1050	6.70	1986 Aug 28	249 <sup>E</sup>	14.21	2001 Sep 15	1090	16.71
1972 Feb 3	917	6.38	1987 Jul 9	609	15.84	2002 Jul 2	257 <sup>E</sup>	14.17
1973 Apr 5	1760	7.25	1988 Sep 7	2400	17.93	2003 Jun 22	2360	17.90
1974 Jul 2	1060	6.81	1989 Sep 27	440 <sup>E</sup>	15.37	2004 Sep 6	2630	17.81
1975 Jul 24	389 <sup>E</sup>	14.83 <sup>6</sup>	1990 Jul 16	187 <sup>E</sup>	13.29	2005 Jun 13	483 <sup>E</sup>	15.34
1975 Oct 30	602	15.93	1991 Jul 14	883 <sup>2</sup>	16.47	2005 Oct 26	345 <sup>E</sup>	14.96
1977 Sep 29	153 <sup>E</sup>	12.74	1992 Jun 27	756	16.23			

## TAMPA BAY RIVER BASIN

### 02301350 LITTLE ALAFIA RIVER NEAR HOPEWELL, FL

**LOCATION.**--Lat 27°56'15", long 82°09'23", in SE 1/4 sec.24, T.29 S., R.21 E., Hillsborough County, FL, Hydrologic Unit 03100204, on left upstream wingwall of culvert on State Highway 60, 3.0 mi west of Hopewell, 3.0 mi northeast of Durant, and 3.2 mi upstream from Turkey Creek.

**DRAINAGE AREA.**--8.65 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder. Datum of gage is 50.00 ft above NGVD of 1929 (Florida State Road Department bench mark).

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1966 Sep 15	20.0 <sup>E</sup>	8.27	1971 Sep 12	974	14.30	1976 Jun 19	431	15.20
1967 Aug 13	800	13.02	1972 Feb 3	409	12.42	1977 Sep 22	89.0 <sup>E</sup>	12.85 <sup>6</sup>
1968 Sep 13	704	12.68	1973 Aug 15	679	12.59	1978 Aug 3	317	15.30
1969 Aug 16	520	11.94	1974 Aug 11	882	13.98	1979 Sep 23	722	16.70
1969 Oct 2	666	12.54	1975 Aug 20	332	14.76			

**TAMPA BAY RIVER BASIN**

**02301500 ALAFIA RIVER NEAR LITHIA, FL**

**LOCATION.**--Lat 27°52'19", long 82°12'41" referenced to North American Datum of 1927, in NE 1/4 sec.16, T.30 S., R.21 E., Hillsborough County, FL, Hydrologic Unit 03100204, near center of span on upstream side of bridge on State Highway 640, 2.0 mi upstream from Little Fishhawk Creek, 4.3 mi west of Lithia, and 16 mi upstream from mouth.

**DRAINAGE AREA.**--335 mi<sup>2</sup>.

**GAGE.**--Water-stage recorder, rain gage, and data-collection platform. Datum of gage is 7.00 ft above National Geodetic Vertical Datum of 1929. Prior to Aug. 8, 1939, nonrecording gage at site 200 ft upstream; Aug. 8, 1939, to Sept. 5, 1963, water-stage recorder at site 60 ft downstream; Sept. 6, 1963, to Oct. 14, 1965, water-stage recorder at site 50 ft downstream. Prior to Oct. 14, 1965, at datum 2.86 ft higher.

Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
1933 Sep 7	45900	25.60	1958 Apr 18	2850	12.26	1983 Mar 18	2510	14.68
1934 Jun 16	7380	16.49	1959 Mar 21	8310	17.05	1983 Dec 31	1400 <sup>E</sup>	11.33
1935 Sep 5	10400	18.08	1960 Sep 12	20300	21.12	1985 Sep 3	2360	14.72
1936 Feb 11	2700	11.79	1960 Oct 10	1280 <sup>E</sup>	7.37	1986 Aug 26	1300 <sup>E</sup>	11.28
1936 Oct 12	2100	10.52	1962 Sep 22	3830	13.98	1987 Mar 31	3750	16.44
1938 Aug 2	1860	10.20	1963 Mar 1	2060	10.79	1988 Sep 8	9450	21.71
1938 Oct 17	7880	16.85	1964 Jan 13	2690	12.32	1988 Nov 25	1230 <sup>E</sup>	10.74
1940 Feb 19	1150 <sup>E</sup>	6.84	1965 Aug 12	2710	12.36	1990 Jul 15	660 <sup>E</sup>	7.72
1941 Jul 16	4020	13.66	1966 Jan 27	1500 <sup>E</sup>	11.04 <sup>6</sup>	1991 Jul 15	4360	16.82
1942 Mar 20	1760	9.23	1967 Aug 15	5060	18.24	1992 Jun 29	1400 <sup>E</sup>	11.09
1943 Jun 28	6390	16.14	1968 Sep 15	2700	15.15	1993 Sep 1	1550 <sup>E</sup>	11.39
1944 Aug 16	1570 <sup>E</sup>	8.47	1969 Mar 19	1760	12.38	1994 Sep 28	2930	15.34
1945 Jul 26	7880	16.83	1969 Oct 4	2330	14.08	1995 Aug 4	3090	15.56
1946 Jul 31	2220	10.60	1971 Sep 13	1730	12.28	1996 Jan 4	2830	14.77
1947 Sep 20	17900	20.38	1972 Feb 5	2090	13.42	1997 Sep 28	3550	16.09
1948 Sep 30	5590	15.59	1973 Apr 6	2330	14.02	1998 Mar 21	5170	17.72
1949 Aug 29	14100	19.28	1974 Jul 3	2500	14.96	1999 Aug 23	842 <sup>E</sup>	8.39
1950 Sep 7	5030	15.04	1975 Aug 21	1260 <sup>E</sup>	10.26	2000 Sep 18	837 <sup>E</sup>	8.57
1951 Sep 21	1480 <sup>E</sup>	8.13	1975 Oct 29	1750	12.19	2001 Sep 16	3870	17.21
1951 Oct 2	1530 <sup>E</sup>	8.41	1977 Sep 5	836 <sup>E</sup>	8.14	2002 Jun 26	889 <sup>E</sup>	9.06
1952 Oct 21	7010	16.27	1978 Jul 20	1240 <sup>E</sup>	10.17	2003 Jan 2	5550	19.19
1953 Nov 25	4420	14.38	1979 Sep 24	4780	17.75	2004 Sep 7	10300	22.08
1955 Sep 20	1300 <sup>E</sup>	7.18	1980 Jul 26	1050 <sup>E</sup>	9.34	2005 Jul 15	1760	13.06
1956 Sep 5	986 <sup>E</sup>	5.83	1981 Sep 7	2270 <sup>2</sup>	14.98 <sup>5</sup>	2005 Oct 26	2280	14.56
1957 Aug 25	2870	12.24	1982 Jun 20	2970	15.31			