

PEACE RIVER BASIN

27. 02297310 HORSE CREEK NEAR ARCADIA, FL

LOCATION.--Lat 27°11'57", long 81°59'19", in NW¹/₄ sec.2, T.38 S., R.23 E., De Soto County, 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.

CONTRIBUTING DRAINAGE AREA.--218 mi².

DATUM OF GAGE.-- 10.96 ft above NGVD 1929.

Date	Discharge (cubic foot per second)	Gage height (feet)	Date	Discharge (cubic foot per second)	Gage height (feet)
1950-09-06	2,830	14.10	1975-10-30	693 ^E	7.91
1951-08-12	810	8.41	1977-09-08	1,430	11.58 ⁵
1951-10-02	6,680	16.84	1978-08-04	2,350	13.22
1952-10-22	4,790	15.81	1979-09-17	1,780	13.47
1953-10-10	4,960	15.93	1979-10-01	1,880	13.83
1955-09-02	1,870	12.21	1981-09-08	1,420	13.45
1956-09-13	442 ^E	6.22	1982-06-18	6,260	17.34
1957-08-09	1,910	12.29	1983-09-23	1,960	13.43
1957-10-04	2,540	13.57	1984-03-13	1,100	11.05
1959-06-21	3,870	15.12	1985-09-07	614 ^E	8.53
1960-08-01	11,700	17.94	1986-09-11	970	10.83
1960-10-03	2,100	12.76	1987-03-31	2,060	14.18
1962-09-21	6,690	16.70	1988-09-09	5,430	16.64
1963-09-25	1,090	9.57	1989-09-10	217 ^E	5.30
1964-09-11	970	9.10	1990-07-24	742 ^E	10.06
1965-07-31	1,960	12.43	1991-07-04	1,940	13.58
1965-10-04	1,680	11.72	1992-06-27	8,960	17.78
1967-09-29	2,240	13.52	1993-04-02	1,250	12.50
1968-07-23	3,080	14.30	1994-09-18	4,180	15.49
1969-07-04	1,930 ²	12.36 ⁵	1995-07-30	2,260	13.94
1970-03-27	1,570 ²	11.41 ⁵	1995-10-11	2,790	14.45
1971-09-18	1,420	11.05	1997-09-28	2,520	13.89
1972-09-04	1,540	11.34	1998-03-22	5,870	16.42
1973-01-24	1,440	11.13	1999-07-02	1,100	12.27
1974-07-07	3,910	15.37	2000-09-18	1,230	12.59
1975-09-14	828	8.64	2001-09-16	6,710	16.80

EXPLANATION OF PEAK DATA CODES

Discharge Qualification Codes	Gage Height Qualification Codes
¹ Discharge is a maximum daily average.	¹ Gage height affected by backwater.
² Discharge is an estimate.	² Gage height not the maximum for the year.
³ Discharge affected by dam failure.	³ Gage height at different site and/or datum.
⁴ Discharge less than indicated value, which is minimum recordable discharge at this site.	⁴ Gage height below minimum recordable elevation.
⁵ Discharge affected to unknown degree by regulation or diversion.	⁵ Gage height is an estimate.
⁶ Discharge affected by regulation or diversion.	⁶ Gage datum changed during this year.
⁷ Discharge is an historic peak.	^M Missing value.
^B Month or day of occurrence is unknown or not exact.	
^E Only annual maximum peak available for this year.	
^M Missing value.	