

2007 Daily Values

ST. FRANCIS RIVER AT PATTERSON, MO (SFPA/SFPA)

Location: LAT. 37-11-41, LONG. 90-30-13, IN NE 1/4 SEC.16, T.29 N., R.5 E., WAYNE COUNTY, NEAR LEFT BANK ON DOWNSTREAM SIDE OF BRIDGE PIER ON STATE HIGHWAY 34, 1 MI. UPSTREAM FROM CLARK CREEK, AND 3 MI. EAST OF PATTERSON.

Gage: G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS.

General Information: DRAINAGE AREA, 956 SQUARE MILES.

Records Available: STAGE, 1984 TO DATE, IN FILES OF CORPS OF ENGINEERS.

Mean Stage: PERIOD OF RECORD, 6.33 FT.

Extreme Stage: PERIOD OF RECORD, DAILY HIGH OF 30.60 FT ON 04 APR 1999 & PERIOD OF RECORD, DAILY LOW OF 2.15 FT ON 22 DEC 1989.

Zero Gage Datum: 370.45 ft NGVD. NOTE: ADD DATUM TO STAGE TO OBTAIN ELEVATION.

ALL VALUES RECORDED AT 8AM. STAGE IN FT:

Day	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	11.19	6.20	7.92	7.62	6.33	4.95						
2	9.29	6.07	7.58	7.41	6.17	4.88						
3	8.31	5.98	7.26	7.05	6.86	4.80						
4	7.77	5.83	6.95	7.88	18.11	4.73						
5	7.61	5.71	6.70	7.69	15.88	4.65						
6	7.70	5.61	6.52	7.26	11.54	4.59						
7	7.47	5.54	6.38	6.87	9.56	4.53						
8	7.26	5.47	6.24	6.62	8.57	4.48						
9	7.11	5.40	6.11	6.42	7.90	4.44						
10	6.90	5.33	5.99	6.24	9.00	4.40						
11	6.69	5.27	5.88	6.36	9.02	4.41						
12	6.54	5.23	5.76	6.55	12.55							
13	6.90	6.58	5.66	6.57	9.92							
14	14.82	15.02	5.59	11.83	8.45							
15	14.05	10.56	5.54	14.94	7.66							
16	14.88	8.89	5.48	10.66	7.21							
17	10.57	8.04	5.41	9.10	7.36							
18	9.19	7.61	5.39	8.30	6.91							
19	8.47	7.20	5.32	7.79	6.54							
20	7.97	6.99	5.77	7.38	6.25							
21	7.98	6.84	5.77	7.06	6.00							
22	8.59	6.72	5.63	6.79	5.79							
23	8.63	6.55	5.56	6.58	5.61							
24	8.10	6.41	5.50	7.04	5.45							
25	7.71	10.93	5.49	6.88	5.31							
26	7.37	11.31	5.49	6.91	5.26							
27	7.13	9.34	5.44	7.24	5.35							
28	6.93	8.42	6.12	7.02	5.33							
29	6.73	----	6.95	6.75	5.22							
30	6.53	----	7.46	6.53	5.10							
31	6.35	----	7.20	----	5.02	----			----		----	
	The following statistics are based on observations occurring in 2007 only.											
Mean	8.48	7.32	6.13	7.64	7.78	4.62						
Max	14.88	15.02	7.92	14.94	18.11	4.95						
Min	6.35	5.23	5.32	6.24	5.02	4.40						
Day	31	28	31	30	31	11	0	0	0	0	0	0

The Mean STAGE for the Year was: 7.28  
 The Highest STAGE for the Year was: 18.11 which occurred on: 05-04-2007  
 The Lowest STAGE for the Year was: 4.40 which occurred on: 06-10-2007  
 The Total Number of Days for the Year was: 162

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