

2012 Daily Values

BIG CREEK AT SAM A BAKER STATE PARK, MO (BCSB/BCSB)

Location: LAT 37°15'40", LONG 90°30'23", REFERENCED TO NORTH AMERICAN DATUM OF 1927, IN SE ¼ NE ¼ SW ¼ SEC.21, T.30 N., R.5 E., WAYNE COUNTY, MO, ON RIGHT BANK 500 FT DOWNSTREAM OF STATE HIGHWAY 143 BRIDGE IN SAM A. BAKER STATE PARK.

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, 189 SQUARE MILES. THIS GAGE REPLACES THE GAGE FORMALLY LOCATED AT DES ARC, MO.

Records Available: STAGE, MAY 2009 TO DATE, IN FILES OF CORPS OF ENGINEERS.

Mean Stage: PERIOD OF RECORD, 1.96 FT .

Extreme Stage: PERIOD OF RECORD, DAILY HIGH OF 13.11 FT ON 26 APR 2011 & PERIOD OF RECORD, DAILY LOW OF 0.78 FT ON 26 JUL 2012 .

Zero Gage Datum: 401.00 ft NGVD 29 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	2.24	2.16	1.90	1.90	1.52	1.21	0.91	0.86	1.39	1.41	1.52	1.47
2	2.15	2.09	1.89	1.84	1.50	1.21	0.88	0.89	1.41	1.39	1.49	1.47
3	2.07	2.02	2.00	1.79	1.46	1.19	1.14	0.87	1.42	1.37	1.46	1.46
4	1.98	2.29	2.01	1.82	1.44	1.19	1.06	0.86	1.40	1.35	1.45	1.45
5	1.93	2.49	1.95	4.28	1.42	1.17	1.03	1.07	1.39	1.34	1.43	1.44
6	1.89	2.46	1.90	3.06	1.40	1.15	0.95	1.05	1.36	1.37	1.45	1.43
7	1.85	2.35	1.85	2.59	1.41	1.13	0.94	1.04	1.40	1.35	1.45	1.42
8	1.81	2.27	2.07	2.34	1.43	1.12	0.93	0.95	4.26	1.35	1.43	1.42
9	1.78	2.18	2.14	2.18	1.47	1.11	0.97	0.92	2.55	1.33	1.42	1.42
10	1.73	2.13	2.08	2.06	1.43	1.03	1.04	0.90	2.08	1.32	1.42	1.54
11	1.83	2.08	2.04	1.97	1.41	1.03	1.08	0.88	1.88	1.31	1.42	1.53
12	1.82	2.01	2.29	1.89	1.38	1.15	1.07	0.98	1.75	1.79	2.35	1.52
13	1.80	1.96	2.42	1.83	1.35	1.10	1.16	1.00	1.67	1.63	3.01	1.52
14	1.76	1.96	2.38	1.78	1.34	1.09	1.14	0.99	1.60	1.76	2.50	1.51
15	1.75	1.97	2.30	1.74	1.32	1.07	1.23	1.00	1.56	1.79	2.23	1.53
16	1.74	2.54	5.19	2.06	1.30	1.05	1.20	0.98	1.55	1.72	2.06	1.52
17	1.77	2.91	4.25	1.98	1.28	1.10	1.18	1.08	1.53	1.66	1.94	1.52
18	1.76	2.71	3.37	1.91	1.26	1.20	0.97	1.08	1.49	1.65	1.86	1.50
19	1.74	2.55	2.95	1.86	1.24	1.21	0.96	1.21	1.44	1.64	1.79	1.49
20	1.72	2.41	2.69	1.81	1.22	1.18	0.94	1.22	1.41	1.63	1.72	1.58
21	1.72	2.31	2.50	1.82	1.23	1.15	0.91	1.23	1.39	1.61	1.68	1.74
22	1.71	2.22	2.38	1.77	1.22	1.12	0.87	1.23	1.36	1.58	1.63	1.85
23	2.17	2.15	2.36	1.73	1.22	1.10	0.85	1.21	1.33	1.55	1.64	1.81
24	1.90	2.08	2.38	1.69	1.20	1.14	0.82	1.19	1.32	1.54	1.62	1.78
25	1.85	2.02	2.33	1.65	1.18	1.07	0.80	1.17	1.31	1.55	1.58	1.74
26	2.24	1.95	2.28	1.63	1.16	1.04	0.78	1.02	1.29	1.65	1.55	1.71
27	2.72	1.89	2.21	1.60	1.16	1.01	0.80	1.05	1.42	1.66	1.54	1.68
28	2.59	1.85	2.14	1.58	1.10	0.99	0.88	1.07	1.48	1.70	1.51	1.63
29	2.45	1.87	2.07	1.55	1.18	0.97	0.87	1.06	1.45	1.66	1.50	1.64
30	2.34	----	2.01	1.53	1.18	0.94	0.90	1.05	1.42	1.62	1.48	1.61
31	2.24	----	1.95	----	1.20	----	0.89	1.05	----	1.59	----	1.59

The following statistics are based on observations occurring in 2012 only.

Mean	1.97	2.20	2.40	1.97	1.31	1.11	0.97	1.04	1.61	1.54	1.70	1.57
Max	2.72	2.91	5.19	4.28	1.52	1.21	1.23	1.23	4.26	1.79	3.01	1.85
Min	1.71	1.85	1.85	1.53	1.10	0.94	0.78	0.86	1.29	1.31	1.42	1.42
Day	31	29	31	30	31	30	31	31	30	31	30	31

The Mean STAGE for the Year was: 1.61  
 The Highest STAGE for the Year was: 5.19 which occurred on: 03-16-2012  
 The Lowest STAGE for the Year was: 0.78 which occurred on: 07-26-2012 The Total Number of Days for the Year was: 366

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