

1954 Daily Values

KASKASKIA - COWDEN (KACO)

Location: LAT. 38-13-48, LONG. 88-50-31, IN NW 1/4 NW 1/4 SEC.14, T.9 N., R.3 E., SHELBY COUNTY, ON LEFT BANK AT DOWNSTREAM SIDE OF BRIDGE ON STATE HIGHWAY 128, 0.7 MI. DOWNSTREAM FROM RICHLAND CREEK, 1.5 MI. SOUTHWEST OF COWDEN, AND AT MILE 173.5. NOTE: NEW RIVER MILEAGE DETERMINED AFTER 1962-1986 CHANNEL IMPROVEMENTS.

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, 1,330 SQUARE MILES. TOP OF JOINT-USE POOL (599.70 FEET N.G.V.D.) REACHED AT LAKE SHELBYVILLE ON JULY 6, 1971.*

Records Available: STAGE, 1930 TO 1965, 1974 TO 1980, OCT. 1983 TO DATE, IN FILES OF THE CORPS OF ENGINEERS. NOTE: THE TERMS "TO DATE", "PERIOD OF RECORD", AND "TO PRESENT" REPRESENT DATA THROUGH DEC. 31 OF PREVIOUS YEAR FROM DATE PRINTED.

Mean Level: PERIOD OF RECORD, 10.75 FT .

Extreme Level: PERIOD OF RECORD, DAILY HIGH OF 33.82 FT OCCORING ON MULTIPLE DATES WITH THE LATEST ON 21 MAY 1943 & PERIOD OF RECORD, DAILY LOW OF 4.70 FT OCCORING ON MULTIPLE DATES WITH THE LATEST ON 30 SEP 1936 .
(NOTE: RECORD HOURLY HIGH OF 20.74 FT ON 12 MAY 2002 AT 2300).

Zero Gage Datum: 500.00 ft NGVD. NOTE: ADD DATUM TO STAGE TO OBTAIN ELEVATION.

ALL VALUES RECORDED AT 8AM. STAGE IN FT:

Day	Month											
	January	February	March	April	May	June	July	August	September	October	November	December
1	5.55	6.30	5.80	5.88	6.13	5.80	5.80	5.42	5.90	5.39	6.00	5.51
2	5.60	6.80	5.80	5.90	6.19	5.77	5.85	5.40	5.70	5.35	5.95	5.49
3	5.63	6.90	5.83	5.92	6.12	5.80	5.85	5.40	5.68	5.32	5.90	5.49
4	5.63	6.85	5.81	5.92	6.48	5.76	5.90	5.42	5.65	5.31	5.82	5.50
5	5.63	5.83	5.79	5.91	7.64	5.75	6.08	5.45	5.62	5.30	5.75	5.50
6	5.65	5.80	5.81	5.92	7.64	5.77	6.11	5.50	5.58	5.36	5.70	5.50
7	5.62	5.80	5.80	5.92	6.85	5.78	5.91	5.52	5.55	5.35	5.68	5.50
8	5.62	5.80	5.88	5.92	6.64	6.00	5.90	5.55	5.50	5.36	5.65	5.54
9	5.61	5.78	5.92	5.93	6.45	6.20	5.90	5.52	5.43	5.35	5.65	5.54
10	5.60	5.78	5.92	5.92	6.33	6.30	5.90	5.45	5.42	5.30	5.64	5.54
11	5.60	5.76	5.91	5.93	6.23	6.25	5.90	5.48	5.40	5.40	5.62	5.54
12	5.59	5.75	5.92	5.92	6.16	6.15	5.80	5.50	5.35	5.75	5.60	5.54
13	5.59	5.75	5.90	5.91	6.14	6.10	5.50	5.43	5.35	5.75	5.57	5.54
14	5.52	5.75	5.90	5.93	6.05	5.95	5.43	5.40	5.33	7.25	5.55	5.55
15	5.59	5.76	5.92	5.93	6.00	5.92	5.41	5.40	5.30	7.24	5.59	5.59
16	5.58	5.80	5.92	6.92	5.94	6.70	5.37	5.48	5.28	6.88	5.57	5.57
17	5.56	5.80	5.92	7.05	5.90	7.65	5.40	5.76	5.30	6.26	5.55	5.56
18	5.56	5.78	5.94	8.25	5.87	8.20	5.40	5.70	5.29	6.06	5.57	5.56
19	5.57	5.88	5.73	8.80	5.81	7.70	5.41	5.65	5.29	6.04	5.53	5.56
20	5.64	5.92	5.71	8.70	5.75	6.94	5.42	5.60	6.10	6.03	5.48	5.54
21	5.68	5.91	5.74	8.13	5.71	6.50	5.43	5.60	7.22	5.91	5.51	5.58
22	5.61	5.86	5.72	8.10	5.74	6.22	5.55	5.55	8.95	5.86	5.49	5.50
23	5.76	5.90	5.75	8.07	5.75	6.12	5.35	5.52	7.60	5.81	5.48	5.48
24	5.86	5.87	5.78	8.00	5.74	6.05	5.40	5.50	6.18	5.75	5.50	5.46
25	5.90	5.85	5.81	6.75	5.73	5.95	5.43	5.48	5.87	5.75	5.50	5.44
26	5.90	5.80	5.78	6.70	5.73	5.92	5.42	5.45	5.75	6.70	5.50	5.55
27	5.91	5.80	5.80	6.58	5.72	5.91	5.40	5.42	5.63	9.75	5.49	5.64
28	5.93	5.80	5.82	6.40	5.73	5.90	5.38	5.95	5.55	12.18	5.50	5.77
29	6.20	----	5.82	6.35	5.82	5.85	5.37	6.60	5.43	10.18	5.50	5.82
30	6.25	----	5.84	6.21	5.92	5.85	5.36	6.05	5.46	6.95	5.50	5.86
31	6.10	----	5.86	----	5.85	----	5.35	5.95	----	6.21	----	----
Mean	5.71	5.94	5.83	6.66	6.12	6.23	5.60	5.58	5.79	6.36	5.61	5.56
Max	6.25	6.90	5.94	8.80	7.64	8.20	6.11	6.60	8.95	12.18	6.00	5.86
Min	5.52	5.75	5.71	5.88	5.71	5.75	5.35	5.40	5.28	5.30	5.48	5.44
Day	31	28	31	30	31	30	31	31	30	31	30	30

The Mean STAGE for the Year was: 5.92
 The Highest STAGE for the Year was: 12.18
 The Lowest STAGE for the Year was: 5.28
 The Total Number of Days for the Year was: 365

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