

2007 Daily Values

KASKASKIA RIVER AT COWDEN, IL (KACO/KCOW)

Location: LAT. 39-13-48, 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.

Mean Stage: PERIOD OF RECORD, 8.62 FT . 01 JAN 1972 TO DATE, 5.80 FT .

Extreme Stage: PERIOD OF RECORD, DAILY HIGH OF 33.82 FT ON 21 MAY 1943 & PERIOD OF RECORD, DAILY LOW OF 1.00 FT ON 05 OCT 1992 . 01 JAN 1972 TO DATE, DAILY HIGH OF 20.00 FT ON 13 MAY 2002 (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											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	11.39	10.78	9.36	5.65	5.06	2.09						
2	9.95	10.66	11.29	5.05	4.99	2.08						
3	9.45	10.70	11.19	4.52	5.01	2.05						
4	9.95	10.58	11.09	4.89	4.99	2.02						
5	11.42	10.45	10.97	5.10	4.99	2.00						
6	10.88	10.28	10.91	5.48	4.57	1.97						
7	10.35	10.15	10.92	5.51	4.06	1.95						
8	10.30	9.51	10.88	5.48	3.91	1.93						
9	10.12	8.72	10.88	5.44	3.58	1.90						
10	9.99	8.45	10.86	5.41	3.01	1.88						
11	9.86	8.33	10.86	5.46	2.76	1.88						
12	9.76	8.24	10.80	5.61	2.53	1.86						
13	14.59	8.40	10.81	5.20	2.46							
14	13.30	8.25	10.85	5.10	2.41							
15	15.86	8.75	12.30	6.38	2.37							
16	14.56	9.12	11.47	5.67	2.39							
17	11.35	8.80	11.13	5.19	2.37							
18	11.06	8.29	10.99	4.98	2.33							
19	11.37	7.70	10.91	4.86	2.31							
20	11.27	7.35	10.75	4.77	2.31							
21	11.26	10.29	10.45	4.72	2.27							
22	11.20	10.71	10.42	4.68	2.26							
23	11.11	9.50	10.43	4.66	2.25							
24	11.02	8.59	10.53	4.63	2.17							
25	10.98	14.65	9.94	4.74								
26	10.84	12.81	9.73	4.89								
27	11.18	10.18	9.26	5.22								
28	11.20	9.16	8.78	5.46								
29	10.88	----	8.45	5.42								
30	10.78	----	8.00	5.38	2.24							
31	10.83	----	7.11	----	2.15	----			----		----	
	The following statistics are based on observations occurring in 2007 only.											
Mean	11.23	9.62	10.40	5.19	3.14	1.97						
Max	15.86	14.65	12.30	6.38	5.06	2.09						
Min	9.45	7.35	7.11	4.52	2.15	1.86						
Day	31	28	31	30	26	12	0	0	0	0	0	0

The Mean STAGE for the Year was: 7.60
 The Highest STAGE for the Year was: 15.86 which occurred on: 01-15-2007
 The Lowest STAGE for the Year was: 1.86 which occurred on: 06-12-2007
 The Total Number of Days for the Year was: 158

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.