

2007 Daily Values

KASKASKIA RIVER AT RED BUD, IL (KARB/KRB 9)

Location: LAT. 38-11-39, LONG. 89-53-15, ON UPSTREAM SIDE OF ROUTE 154 BRIDGE, APPROX. 6 MILES EAST OF RED BUD AND AT MILE 19.3 ABOVE THE MOUTH. NOTE: RIVER MILEAGE DETERMINED AFTER 1962-1986 CHANNEL IMPROVEMENTS.

Gage: WIRE-WEIGHT GAGE AND G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED, OPERATED & MAINTAINED BY THE ST. LOUIS DISTRICT, CORPS OF ENGINEERS. NOTE: AUXILIARY STAFF GAGE LOCATED DOWNSTREAM AT IL RT 154 & AT RIVER MILE 18.6.

General Information: FLOOD ELEVATION, 374.0 FEET N.G.V.D. DRAINAGE AREA, 5,513 SQUARE MILES. NOTE: MAXIMUM REGULATING POOL (368.00 FEET N.G.V.D.) AT KASKASKIA NAVIGATION L&D IN NOV. 1974*.

Records Available: ELEVATION, NOV. 1959 TO DATE, IN FILES OF CORPS OF ENGINEERS.

Mean Elev: PERIOD OF RECORD, 367.00 FT . 01 JAN 1975 TO DATE, 369.64 FT .

Extreme Elev: PERIOD OF RECORD, DAILY HIGH OF 394.24 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 07 AUG 1993 & PERIOD OF RECORD, DAILY LOW OF 350.80 FT ON 09 NOV 1964 . 01 JAN 1975 TO DATE, DAILY LOW OF 362.71 FT ON 08 NOV 1984 .

Zero Gage Datum: 300.00 ft NGVD. NOTE: SUBTRACT DATUM FROM ELEVATION TO OBTAIN STAGE.

ALL VALUES RECORDED AT 8AM. ELEVATION IN FT:

Day	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	369.24	369.43	369.66	368.94	371.63	368.75						
2	369.16	369.50	369.72	369.34	371.91	368.70						
3	369.17	369.43	369.63	369.53	371.78	368.75						
4	369.26	369.44	369.54	369.88	371.82	368.81						
5	369.22	369.63	369.17	370.40	372.51	368.65						
6	369.35	370.65	368.86	371.06	372.26	368.58						
7	369.37	370.68	369.72	371.04	371.65	368.73						
8	369.42	369.93	369.61	370.55	370.62	368.81						
9	369.30	368.97	369.59	369.94	370.59	368.66						
10	369.27	368.63	369.61	369.58	372.91	368.82						
11	369.31	368.47	369.51	369.24	374.82	368.71						
12	369.26	368.50	369.53	369.04	375.61	368.69						
13	369.38	368.60	369.38	369.32	375.70							
14	370.07	369.37	369.35	369.54	375.71							
15	370.90	369.38	369.14	370.45	375.45							
16	370.96	369.19	369.34	371.52	375.34							
17	369.94	369.24	369.77	372.35	374.99							
18	369.66	369.02	369.58	372.26	374.22							
19	369.65	369.20	369.54	371.44	372.97							
20	369.50	369.38	369.21	370.91	371.21							
21	369.42	369.80	368.96	370.09	369.68							
22	369.00	369.54	368.90	369.10	368.52							
23	368.93	369.65	368.92	368.69	368.74							
24	368.47	369.45	368.94	368.60	368.73							
25	369.13	370.30	369.01	368.93	368.78							
26	369.54	369.38	369.02	368.80	368.55							
27	369.22	369.01	368.94	368.67	368.60							
28	369.59	369.42	368.98	368.64	368.78							
29	369.51	----	368.89	368.82	368.80							
30	369.44	----	368.78	370.46	368.75							
31	369.38	----	368.75	----	368.75	----			----		----	

The following statistics are based on observations occurring in 2007 only.

Mean	369.45	369.40	369.28	369.90	371.63	368.72						
Max	370.96	370.68	369.77	372.35	375.71	368.82						
Min	368.47	368.47	368.75	368.60	368.52	368.58						
Day	31	28	31	30	31	12	0	0	0	0	0	0

The Mean ELEV for the Year was: 369.85
 The Highest ELEV for the Year was: 375.71 which occurred on: 05-14-2007
 The Lowest ELEV for the Year was: 368.47 which occurred on: 02-11-2007 01-24-2007
 The Total Number of Days for the Year was: 163

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.