2009 Daily Values

KASKASKIA RIVER AT SHELBYVILLE TAILWATER, IL (KAST/KSRL)

Location:	LAT. 39-24-26, LONG. 88-46-53, ON LEFT BANK 700 FEET DOWNSTREAM OF THE AXIS OF THE DAM AT MILE 197.5 ABOVE THE MOUTH OF THE KASKASKIA. NOTE: NEW RIVER MILEAGE DETERMINED AFTER 1962-1986 CHANNEL IMPROVEMENTS.
Gage:	STAFF GAGE FLOAT WELL AND G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. DISCHARGES ARE COMPUTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH ST. LOUIS DISTRICT, CORPS OF ENGINEERS.
General Information:	DRAINAGE AREA, 1,054 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, JUNE 12, 1969 TO DATE, IN FILES OF CORPS OF ENGINEERS. NOTE: FLOW REGULATED SINCE JUNE 24, 1969 BY SHELBYVILLE RESERVOIR.
Mean Elev:	PERIOD OF RECORD, 539.26 FT . 01 JAN 1972 TO DATE, 539.31 FT .
Extreme Elev:	PERIOD OF RECORD, DAILY HIGH OF 549.23 FT ON 06 MAR 1974 & PERIOD OF RECORD, DAILY LOW OF 535.32 FT ON 02 OCT 1984 .
Zero Gage Datum:	530.00 ft NGVD 29 NOTE: SUBTRACT DATUM FROM ELEVATION TO OBTAIN STAGE.

ALL VALUES RECORDED AT 8AM. ELEVATION IN FT:

	Month											
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**
1	544.73	540.96	541.60	539.82	538.24	542.20	542.60	541.27	540.97	536.05	537.36	540.80
2	544.71	540.43	541.58	539.54	540.65	542.20	542.58	541.26	540.96	536.03	537.36	540.80
3	544.73	539.61	541.56	539.30	541.24	542.19	542.58	541.25	540.36	536.05	537.37	540.81
4	544.75	538.77	541.56	539.53	541.27	542.16	542.57	541.25	540.07	536.05	537.38	540.80
5	544.68	538.45	541.54	540.06	541.28	542.16	542.56	541.26	539.77	536.05	538.27	540.80
6	544.67	538.12	541.55	540.08	541.29	542.14	542.56	541.24	539.77	536.13	538.27	540.80
7	544.62	537.78	541.01	540.94	541.27	542.14	542.55	541.21	539.47	536.06	538.28	540.80
8	544.61	537.77	540.44	541.23	541.29	542.12	542.56	541.21	539.48	536.08	539.08	540.86
9	544.60	537.77	540.44	541.24	538.66	542.10	542.56	541.20	539.12	536.07	539.08	541.21
10	544.72	538.38	540.44	541.28	540.74	542.09	542.55	E 541.19	539.12	536.06	539.39	541.19
11	544.67	538.45	540.44	541.28	541.32	542.04	542.56	E 541.17	539.12	537.20	539.79	541.90
12	544.62	538.41	539.88	541.28	541.88	542.04	542.56	541.16	538.84	537.20	539.77	541.90
13	544.62	538.40	539.88	541.32	541.89	542.01	542.56	541.15	538.84	537.20	539.76	541.93
14	544.54	541.35	539.88	541.32	538.62	542.01	542.55	541.13	538.50	537.21	539.76	541.93
15	544.53	E 541.67	539.88	541.99	541.72	542.00	542.55	541.12	538.16	537.21	539.76	541.92
16	544.53	541.68	539.88	541.99	538.68	542.00	542.54	541.12	537.78	537.86	538.36	541.91
17	544.51	541.68	539.87	541.98	541.16	542.00	542.52	541.12	537.37	537.87	538.40	541.90
18	544.48	541.68	539.87	541.99	541.76	542.03	542.52	541.11	536.79	537.92	538.36	541.89
19	544.44	541.68	539.87	542.01	542.26	539.90	542.52	541.09	536.16	538.32	538.39	541.90
20	544.40	541.67	539.86	542.04	542.27	542.04	542.50	541.12	536.15	538.33	538.40	541.89
21	544.36	541.66	539.86	542.04	542.28	542.08	542.50	541.08	536.15	538.33	539.89	541.88
22	544.33	541.65	539.85	542.02	542.27	542.37	542.48	541.08	536.14	538.33	539.90	543.70
23	544.33	541.64	539.84	542.02	542.24	542.66	542.46	541.06	536.12	538.39	539.91	544.43
24	544.55	541.63	540.38	542.02	542.23	542.66	542.45	541.05	536.12	536.71	539.92	544.60
25	544.48	541.62	540.40	542.22	542.24	542.66	542.47	541.04	536.13	538.74	539.94	545.10
26	544.42	541.61	540.88	541.29	542.24	542.64	E 542.38	541.02	536.15	539.14	539.94	545.04
27	544.40	541.61	540.37	541.29	542.22	542.64	E 542.01	541.01	536.11	538.80	540.79	544.70
28	543.76	541.60	539.83	540.70	542.22	542.64	541.87	541.00	536.12	537.97	540.79	544.66
29	543.10	----	539.84	540.70	542.21	542.63	541.60	541.00	536.13	538.77	540.80	546.20
30	542.16	----	539.83	540.68	542.22	542.61	541.59	540.99	536.20	537.44	540.80	546.58
31	541.56	----	539.82	----	542.21	----	541.58	540.98	----	537.37	----	546.60
The following statistics are based on observations occuring in 2009 only.												
Mean	544.31	540.28	540.38	541.17	541.36	542.17	542.40	541.13	537.94	537.32	539.18	542.63
Max	544.75	541.68	541.60	542.22	542.28	542.66	542.60	541.27	540.97	539.14	540.80	546.60
Min	541.56	537.77	539.82	539.30	538.24	539.90	541.58	540.98	536.11	536.03	537.36	540.80
Day	31	28	31	30	31	30	31	31	30	31	30	31

The Mean ELEV for the Year was: 540.87
The Highest ELEV for the Year was: 546.60 which occured on: 12-31-2009
The Lowest ELEV for the Year was: 536.03 which occured on: 10-02-2009 The Total Number of Days for the Year was: 365

Note:
E = Estimated

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