Water-Data Report 2013

05595240 KASKASKIA RIVER NEAR RED BUD, IL

Kaskaskia Basin
Lower Kaskaskia Subbasin

LOCATION.--Lat 38°11′39″, long 89°53′17″ referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.9, T.4 S., R.7 W., Randolph County, IL, Hydrologic Unit 07140204, at river-intake pump house of Baldwin Power Station, near the southwest corner of Baldwin Lake, about 2.5 mi northwest of Baldwin, about 6 mi southeast of Red Bud and at mile l9.3.

DRAINAGE AREA.--5,505 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--
STAGE: Oct. 1994 to current year. Gage height record for Nov. 1959 to Sept. 30, 1994 available from U.S. Army Corps of Engineers.

GAGE.--Water-stage recorder, U.S. Army Corps of Engineers satellite telemeter, and crest-stage gage. Datum of gage is 300.00 ft above NGVD of 1929 (Levels by U.S. Army Corps of Engineers) (299.49 ft NAVD 1988).

REMARKS.--Stages regulated by operation of lock and dam 19 miles downstream at Roots and by Carlyle Dam about 75 miles upstream.

EXTREMES FOR PERIOD OF RECORD.--
STAGE: Maximum gage height, 91.90 ft, May 22, 1995; minimum recorded, 67.36 ft, Mar. 5 and Apr. 7, 1996.

EXTREMES OUTSIDE PERIOD OF RECORD.--
STAGE: Maximum gage height, 94.36 ft, Aug. 6, 1993; minimum 50.8 ft, Oct. 16, 1964, from information by U.S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 89.29 ft, June 6; minimum, 68.53 ft, Oct. 12.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 05595240, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/05595240.2013.pdf

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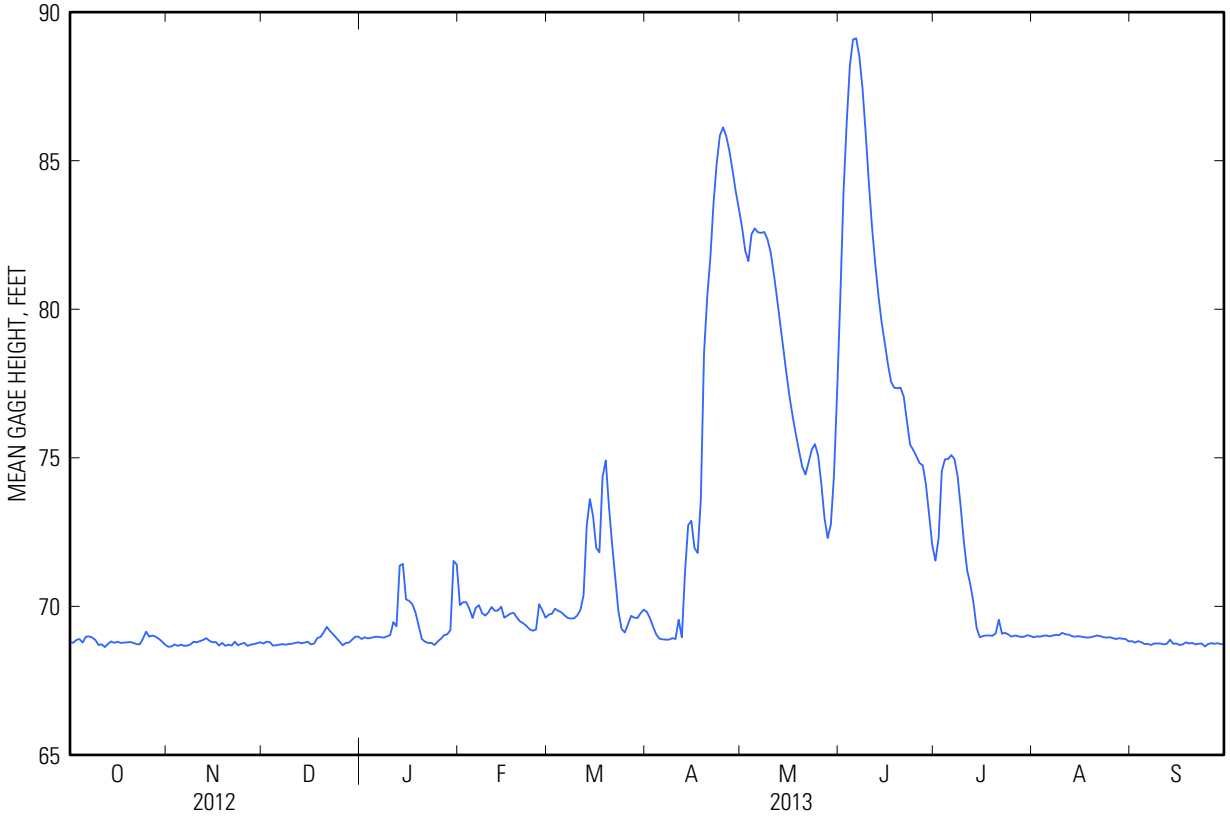
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	68.81	68.64	68.75	68.90	70.04	69.72	69.81	82.75	80.42	71.54	68.96	68.83
2	68.77	68.65	68.81	68.96	70.14	69.75	69.59	81.97	83.92	72.30	68.99	68.78
3	68.87	68.72	68.80	68.92	70.14	69.92	69.30	81.62	86.26	74.55	68.98	68.83
4	68.90	68.67	68.68	68.94	69.91	69.85	69.04	82.53	88.19	74.95	69.01	68.79
5	68.78	68.71	68.69	68.97	69.61	69.80	68.91	82.72	89.08	74.96	69.02	68.73
6	68.98	68.67	68.71	68.98	69.95	69.70	68.89	82.59	89.12	75.09	68.99	68.74
7	68.99	68.68	68.73	68.96	70.04	69.61	68.88	82.57	88.51	74.96	69.02	68.70
8	68.95	68.72	68.71	68.95	69.77	69.59	68.88	82.60	87.43	74.38	69.04	68.75
9	68.87	68.81	68.73	68.99	69.69	69.60	68.93	82.36	85.92	73.31	69.03	68.75
10	68.70	68.79	68.74	69.03	69.80	69.69	68.90	81.93	84.25	72.14	69.11	68.75
11	68.72	68.83	68.77	69.47	69.98	69.88	69.55	81.21	82.76	71.22	69.06	68.72
12	68.63	68.87	68.79	69.33	69.85	70.37	68.96	80.39	81.54	70.74	69.05	68.74
13	68.74	68.93	68.76	71.37	69.86	72.71	71.14	79.54	80.48	70.12	69.00	68.88
14	68.82	68.84	68.78	71.43	69.99	73.61	72.73	78.69	79.58	69.27	68.98	68.74
15	68.77	68.79	68.81	70.24	69.62	73.04	72.88	77.83	78.88	68.96	69.00	68.75
16	68.81	68.80	68.72	70.18	69.69	71.97	71.96	77.04	78.16	69.00	68.98	68.70
17	68.77	68.68	68.75	70.07	69.76	71.82	71.80	76.37	77.56	69.02	68.96	68.72
18	68.78	68.77	68.93	69.79	69.78	74.36	73.63	75.77	77.36	69.02	68.95	68.79
19	68.79	68.67	68.97	69.34	69.62	74.91	78.51	75.22	77.34	69.01	68.96	68.75
20	68.80	68.71	69.12	68.90	69.49	73.38	80.40	74.69	77.36	69.09	68.99	68.77
21	68.77	68.68	69.31	68.81	69.43	72.10	81.74	74.44	77.06	69.55	69.02	68.72
22	68.73	68.81	69.17	68.77	69.34	70.96	83.57	74.85	76.24	69.08	69.00	68.74
23	68.72	68.69	69.06	68.77	69.23	69.83	84.91	75.28	75.45	69.11	68.96	68.75
24	68.91	68.74	68.94	68.70	69.18	69.24	85.85	75.46	75.26	69.05	68.95	68.65
25	69.15	68.77	68.82	68.82	69.22	69.12	86.12	75.07	75.05	68.98	68.96	68.73
26	68.98	68.67	68.69	68.91	70.07	69.39	85.83	74.13	74.82	69.02	68.93	68.76
27	69.02	68.71	68.77	69.03	69.87	69.68	85.33	72.98	74.75	69.00	68.90	68.74
28	68.98	68.73	68.78	69.06	69.62	69.62	84.67	72.30	74.10	68.97	68.93	68.76
29	68.91	68.76	68.88	69.20	---	69.61	83.97	72.75	73.09	68.98	68.91	68.73
30	68.82	68.79	68.98	71.53	---	69.77	83.38	74.41	72.06	69.03	68.90	68.72
31	68.71	---	68.98	71.41	---	69.89	---	77.25	---	69.00	68.82	---
Mean	68.84	68.74	68.84	69.44	69.74	70.73	75.60	78.04	80.07	70.75	68.98	68.75
Max	69.15	68.93	69.31	71.53	70.14	74.91	86.12	82.75	89.12	75.09	69.11	68.88
Min	68.63	68.64	68.68	68.70	69.18	69.12	68.88	72.30	72.06	68.96	68.82	68.65

	Calendar Year 2012	Water Year 2013
Mean	68.90	71.54
Max	70.69	89.12
Min	68.63	68.63

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