

Water-Data Report 2012

06478515 MISSOURI RIVER NEAR GAYVILLE, SD

Lewis and Clark Lake Basin
Lewis and Clark Lake Subbasin

LOCATION.--Lat 42°51'01", long 97°13'12" referenced to North American Datum of 1927, in SW ¼ NW ¼ sec.27, T.93 N., R.54 W., Yankton County, SD, Hydrologic Unit 10170101, 4.8 mi southwest of Gayville, 3.1 mi downstream from James River, and at mile 796.0.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1969 to May 2012.

GAGE.--Water-stage recorder. Datum of permanent gage is 1,099.71 ft above NGVD of 1929 (by GPS survey). Previously published as 1100.00 ft above NGVD 1929 (levels by U.S. Army Corps of Engineers). From Aug. 14, 2008 to Sept. 30, 2009 the datum of temporary gage is 1,100.00 ft above NGVD of 1929 (by GPS survey), located 0.7 miles upstream of permanent gage. Previously published as 1100.00 ft above NGVD 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--Records good. Stage regulated by Gavins Point Dam 14.0 mi upstream. Satellite data-collection platform at station. Gage heights for period of October 1969 to September 1980 in files of U.S. Army Corps of Engineers. Gage has been discontinued and moved further downstream (see Missouri River near St. James, NE 06478523) due to becoming isolated from the main channel after the 2011 flood.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

[<, less than]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	47.79	46.75	46.44	<45.45	---	<45.46	<45.49	<45.63	---	---	---	---
2	47.33	46.73	46.45	<45.50	---	<45.43	<45.49	<45.64	---	---	---	---
3	47.07	46.73	46.41	<45.45	---	<45.43	<45.48	<45.67	---	---	---	---
4	47.03	46.74	46.40	<45.45	---	<45.41	<45.49	<45.65	---	---	---	---
5	47.01	46.79	46.32	<45.45	---	<45.41	<45.49	<45.66	---	---	---	---
6	46.98	46.75	46.25	<45.44	---	<45.42	<45.49	<45.68	---	---	---	---
7	47.26	46.71	46.23	<45.44	---	<45.41	<45.49	---	---	---	---	---
8	47.04	46.72	46.02	<45.44	<45.42	<45.39	<45.48	---	---	---	---	---
9	47.00	46.69	<45.77	<45.44	<45.42	<45.39	<45.48	---	---	---	---	---
10	46.99	46.74	<45.69	<45.44	<45.41	<45.39	<45.48	---	---	---	---	---
11	46.98	46.83	<45.63	<45.44	<45.41	<45.39	<45.49	---	---	---	---	---
12	46.99	46.82	<45.58	<45.51	<45.41	<45.41	<45.50	---	---	---	---	---
13	46.96	46.78	<45.52	<45.56	<45.43	<45.40	<45.54	---	---	---	---	---
14	46.92	46.77	<45.52	<45.46	<45.42	<45.40	<45.53	---	---	---	---	---
15	46.93	46.72	<45.49	<45.45	<45.41	<45.40	<45.57	---	---	---	---	---
16	46.91	46.65	<45.48	<45.44	<45.41	<45.40	<45.52	---	---	---	---	---
17	46.70	46.66	<45.47	<45.44	<45.40	<45.40	<45.50	---	---	---	---	---
18	46.88	46.63	<45.47	<45.44	<45.40	<45.38	<45.50	---	---	---	---	---
19	46.89	46.61	<45.47	<45.44	<45.40	<45.38	<45.51	---	---	---	---	---
20	46.87	46.60	<45.47	<45.44	<45.41	<45.39	<45.49	---	---	---	---	---
21	46.84	46.58	<45.46	<45.45	<45.41	<45.41	<45.47	---	---	---	---	---
22	46.83	46.54	<45.46	<45.47	<45.40	<45.46	<45.45	---	---	---	---	---
23	46.82	46.59	<45.46	<45.48	<45.42	<45.47	<45.48	---	---	---	---	---
24	46.82	46.65	<45.45	<45.46	<45.42	<45.49	<45.50	---	---	---	---	---
25	46.80	46.71	<45.45	<45.46	<45.39	<45.51	<45.52	---	---	---	---	---
26	46.81	46.54	<45.46	<45.45	<45.39	<45.52	<45.53	---	---	---	---	---
27	46.77	46.43	<45.45	<45.45	<45.36	<45.52	<45.56	---	---	---	---	---
28	46.71	46.46	<45.45	<45.44	<45.42	<45.50	<45.61	---	---	---	---	---
29	46.80	46.55	<45.45	---	<45.46	<45.51	<45.62	---	---	---	---	---
30	46.75	46.50	<45.45	---	---	<45.52	<45.61	---	---	---	---	---
31	46.54	---	<45.44	---	---	<45.50	---	---	---	---	---	---
Mean	46.94	46.67	45.71	---	---	45.44	45.51	---	---	---	---	---
Max	47.79	46.83	46.45	---	---	45.52	45.62	---	---	---	---	---
Min	46.54	46.43	45.44	---	---	45.38	45.45	---	---	---	---	---

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