

Water-Data Report 2010

**06440000 MISSOURI RIVER AT PIERRE, SD**

Fort Randall Reservoir Basin  
Fort Randall Reservoir Subbasin

LOCATION.--Lat 44°22'23", long 100°22'03" referenced to North American Datum of 1927, in NW ¼ SW ¼ sec.32, T.111 N., R.79 W., Hughes County, SD, Hydrologic Unit 10140101, on left bank downstream from Dakota Minnesota and Eastern Railroad bridge, 1.3 mi upstream from Bad River, 5.8 mi downstream from Oahe Dam, and at mile 1,066.5.

DRAINAGE AREA.--243,500 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1929 to September 1965, October 1988 to current year (daily gage height). Daily discharges, October 1929 to September 1965.

GAGE.--Water-stage recorder. Datum of gage is 1,414.26 ft above NGVD of 1929. Prior to Mar. 11, 1932, chain gage at same site at datum 2.00 ft higher.

REMARKS.--Records fair. Stage regulated by Big Bend Dam approximately 82 mi downstream. Flow regulated by Oahe Dam 5.8 mi upstream. Gage heights for period of October 1965 to September 1988 in files of U.S. Army Corps of Engineers. Daily discharge for period October 1996 to September 2000 in files of U.S. Army Corps of Engineers. Satellite data-collection platform at station.

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**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.90	6.81	6.81	7.80	8.11	6.78	6.65	5.53	8.00	7.92	8.76	9.45
2	7.10	7.13	6.58	7.81	8.18	6.79	6.25	6.50	8.71	8.15	8.84	9.03
3	7.14	6.88	6.86	7.90	7.98	6.88	6.65	6.99	8.76	7.71	8.81	6.81
4	7.98	7.03	6.98	8.34	8.17	6.72	6.25	6.70	9.20	7.85	8.12	10.71
5	8.48	6.56	7.06	8.24	7.73	6.91	6.75	6.04	7.83	8.04	8.03	10.57
6	7.81	6.48	6.97	7.56	6.77	6.65	6.62	7.14	6.96	8.24	8.75	9.72
7	7.31	6.80	7.33	8.61	6.44	6.85	6.57	6.09	7.87	7.98	8.94	8.94
8	7.97	6.81	7.68	9.44	7.39	7.67	6.94	6.84	7.78	8.58	8.89	9.83
9	7.92	6.98	7.25	8.47	8.32	8.17	6.68	7.70	7.32	8.82	8.94	9.30
10	7.40	7.11	7.20	7.79	7.43	8.44	6.75	7.68	7.61	8.40	9.23	8.96
11	7.83	6.82	7.24	8.58	6.98	7.93	7.15	7.49	8.49	7.63	9.05	9.94
12	7.88	6.84	6.96	8.29	6.95	7.13	7.49	7.75	6.99	7.94	9.47	10.81
13	7.81	6.65	7.23	8.14	6.03	6.51	8.20	7.08	7.77	8.58	9.13	10.88
14	7.96	6.71	7.24	8.49	6.22	6.39	7.25	7.31	7.52	7.75	7.46	10.53
15	7.41	6.72	7.43	8.42	7.00	6.44	6.63	7.13	8.30	7.47	8.25	10.54
16	7.46	6.89	7.47	7.32	6.65	6.35	7.04	7.10	7.56	8.29	8.46	10.80
17	6.97	6.97	7.68	7.67	6.87	6.21	6.92	7.70	7.60	7.65	9.31	11.01
18	7.05	7.02	7.77	8.30	6.31	6.02	7.02	7.74	6.45	7.66	8.74	10.49
19	7.58	6.67	7.76	7.96	6.23	5.88	7.58	8.01	6.99	8.44	9.32	10.26
20	7.72	6.72	7.66	7.99	5.79	6.26	7.19	7.76	7.56	8.18	10.16	9.83
21	7.40	6.88	8.19	7.69	6.19	6.26	6.81	8.30	8.20	8.76	9.65	9.89
22	7.55	6.65	8.38	7.29	6.54	6.13	6.89	7.51	8.34	8.59	10.06	10.18
23	7.37	7.05	7.89	6.73	6.67	6.34	6.76	7.92	6.84	9.20	10.15	11.11
24	7.41	6.86	6.48	5.59	6.70	6.39	6.25	9.10	7.30	8.84	10.00	10.66
25	6.97	6.37	6.48	---	6.60	6.96	6.42	8.47	8.07	9.09	10.37	10.99
26	7.68	6.56	7.33	---	6.27	6.76	6.45	8.72	7.86	9.17	9.84	10.21
27	7.63	6.44	8.34	7.54	6.34	6.22	7.05	8.70	7.29	9.38	10.16	10.29
28	6.98	6.68	8.82	7.96	6.44	6.62	7.53	8.59	8.07	8.78	---	11.03
29	6.55	6.92	8.08	8.35	---	6.68	6.88	8.58	8.10	8.84	---	9.90
30	6.37	7.32	7.77	7.55	---	6.65	6.73	8.20	8.01	8.53	---	10.50
31	6.79	---	7.76	7.44	---	6.50	---	8.26	---	8.78	10.43	---
<b>Mean</b>	7.46	6.81	7.44	---	6.90	6.73	6.88	7.57	7.78	8.36	---	10.11
<b>Max</b>	8.48	7.32	8.82	---	8.32	8.44	8.20	9.10	9.20	9.38	---	11.11
<b>Min</b>	6.37	6.37	6.48	---	5.79	5.88	6.25	5.53	6.45	7.47	---	6.81

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