

Water-Data Report 2012

06441592 MISSOURI RIVER BELOW LA FRAMBOISE ISLAND, AT PIERRE, SD

Fort Randall Reservoir Basin
Fort Randall Reservoir Subbasin

LOCATION.--Lat 44°20'46", long 100°19'12" referenced to North American Datum of 1927, in SE ¼ SE ¼ NW ¼ sec.10, T.110 N., R.79 W., Hughes County, SD, Hydrologic Unit 10140101, on left bank at downstream end of La Framboise Island Recreation Area, 2.4 mi downstream from Bad River, 3.0 mi downstream from U.S. Highways 14 and 83, 9.9 mi downstream from Oahe Dam, and at mile 1,062.4.

DRAINAGE AREA.--246,607 mi², approximately.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1998 to current year, seasonal records only beginning October 2005. Note: Entire 2011 Water Year was published due to flood conditions.

REVISED RECORDS.--WDR SD-05-1: 2004 (previously unpublished mean daily gage heights, Oct. 7, 8, Nov. 9, 10).

GAGE.--Water-stage recorder. Datum of gage is 1,400.00 ft above NGVD of 1929.

REMARKS.--Records good. Stage regulated by Big Bend Dam approximately 78 mi downstream. Flows regulated by Oahe Dam 9.9 mi upstream. Gage heights prior to October 1998 in files of U.S. Army Corps of Engineers. Satellite data-collection platform at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum stage, 32.37 ft, Jun. 21, 2011.

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

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|
| 1 | 22.43 | 21.43 | 21.99 | 20.50 | 21.50 | 21.67 | 21.79 | 21.83 | --- | --- | --- | --- |
| 2 | 22.19 | 21.39 | 22.27 | 21.52 | 21.80 | 20.95 | 21.47 | 21.76 | --- | --- | --- | --- |
| 3 | 22.17 | 21.70 | 22.31 | 21.42 | 21.82 | 21.21 | 21.83 | 21.46 | --- | --- | --- | --- |
| 4 | 22.25 | 21.72 | 22.77 | 21.09 | 21.53 | 21.11 | 21.80 | 21.46 | --- | --- | --- | --- |
| 5 | 22.54 | 21.72 | 22.71 | 21.24 | 21.17 | 21.46 | 21.62 | 21.44 | --- | --- | --- | --- |
| 6 | 22.84 | 21.24 | 22.57 | 20.71 | 21.62 | 21.32 | 21.99 | 21.09 | --- | --- | --- | --- |
| 7 | 22.14 | 22.63 | 22.08 | 21.60 | 21.65 | 20.90 | 20.95 | 21.23 | --- | --- | --- | --- |
| 8 | 21.76 | 22.45 | 22.03 | 21.55 | 21.68 | 20.99 | 21.53 | 21.54 | --- | --- | --- | --- |
| 9 | 21.74 | 22.08 | 21.97 | 21.61 | 20.69 | 21.34 | 21.54 | 21.43 | --- | --- | --- | --- |
| 10 | 22.01 | 22.66 | 21.47 | 21.86 | 21.17 | 21.32 | 21.99 | 21.33 | --- | --- | --- | --- |
| 11 | 21.90 | 22.54 | 21.86 | 21.76 | 21.19 | 21.51 | 21.74 | 20.89 | --- | --- | --- | --- |
| 12 | 21.53 | 22.66 | 21.98 | 21.73 | 21.34 | 21.57 | 22.01 | 21.29 | --- | --- | --- | --- |
| 13 | 21.25 | 22.73 | 22.34 | 22.36 | 22.05 | 21.45 | 21.41 | 21.25 | --- | --- | --- | --- |
| 14 | 21.18 | 22.65 | 21.44 | 21.58 | 21.61 | 21.36 | 21.43 | 21.81 | --- | --- | --- | --- |
| 15 | 21.55 | 22.63 | 21.13 | 21.56 | 21.55 | 21.25 | 21.62 | 21.50 | --- | --- | --- | --- |
| 16 | 20.99 | 22.50 | 21.56 | 22.25 | 21.49 | 21.23 | 22.16 | 21.77 | --- | --- | --- | --- |
| 17 | 21.56 | 22.88 | 21.16 | 22.49 | 21.29 | 21.03 | 21.91 | 21.49 | --- | --- | --- | --- |
| 18 | 21.35 | 22.84 | 21.38 | 21.92 | 21.14 | 21.22 | 21.57 | 21.39 | --- | --- | --- | --- |
| 19 | --- | 22.90 | 21.82 | 22.25 | 21.35 | 21.76 | 21.68 | 21.25 | --- | --- | --- | --- |
| 20 | --- | 23.13 | 21.65 | 22.31 | 21.89 | 21.46 | 21.34 | 21.60 | --- | --- | --- | --- |
| 21 | 21.12 | 23.33 | 21.47 | 22.07 | 21.55 | 21.48 | 20.75 | 21.88 | --- | --- | --- | --- |
| 22 | 21.31 | 22.71 | 21.32 | 21.61 | 21.73 | 21.29 | 21.93 | 21.59 | --- | --- | --- | --- |
| 23 | 21.21 | 22.78 | 20.90 | 22.15 | 21.46 | 21.23 | 22.01 | 21.46 | --- | --- | --- | --- |
| 24 | 21.75 | 22.32 | 20.77 | 22.35 | 21.13 | 20.94 | 21.58 | 21.46 | --- | --- | --- | --- |
| 25 | 21.55 | 22.87 | 20.93 | 21.92 | 22.30 | 21.50 | 21.28 | 21.36 | --- | --- | --- | --- |
| 26 | 21.36 | 22.37 | 20.57 | 21.56 | 20.45 | 21.93 | 21.31 | 21.17 | --- | --- | --- | --- |
| 27 | 21.23 | 23.02 | 21.28 | 21.69 | 22.13 | 21.24 | 21.92 | 21.32 | --- | --- | --- | --- |
| 28 | 21.00 | 22.82 | 21.12 | 21.14 | 22.08 | 21.60 | 21.39 | 20.77 | --- | --- | --- | --- |
| 29 | 21.31 | 22.86 | 21.26 | 21.81 | 21.15 | 21.41 | 21.34 | 20.90 | --- | --- | --- | --- |
| 30 | 20.84 | 22.10 | 20.81 | 21.94 | --- | 21.29 | 21.81 | 21.48 | --- | --- | --- | --- |
| 31 | 21.65 | --- | 20.98 | 21.93 | --- | 21.42 | --- | 21.25 | --- | --- | --- | --- |
| Mean | --- | 22.46 | 21.61 | 21.73 | 21.50 | 21.34 | 21.62 | 21.40 | --- | --- | --- | --- |
| Max | --- | 23.33 | 22.77 | 22.49 | 22.30 | 21.93 | 22.16 | 21.88 | --- | --- | --- | --- |
| Min | --- | 21.24 | 20.57 | 20.50 | 20.45 | 20.90 | 20.75 | 20.77 | --- | --- | --- | --- |

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