

Water-Data Report 2012

02024750 JAMES RIVER AT BEDFORD DAM NEAR MAJOR, VA

James Basin
Middle James-Buffalo Subbasin

LOCATION.--Lat 37°34'40", long 79°22'36" referenced to North American Datum of 1927, Amherst County, VA, Hydrologic Unit 02080203, on left bank 10 ft upstream from headgates on headrace to City of Bedford hydroelectric plant, 1.2 mi north of Major, and 1.4 mi upstream from Blue Ridge Parkway.

DRAINAGE AREA.--3,070 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1987 to current year.

REVISED RECORDS.--WDR VA-2011: 2009-10(M).

GAGE.--Water-stage recorder.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 104,000 ft³/s, January 20, 1996, gage height, 14.63 ft.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Dec 8, 2011	45,400	6	9.08	---

Discharge qualification code:

6 - Discharge affected by regulation or diversion

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Date	Discharge, in ft ³ /s	Gage height, in ft
Mar 27, 2012	12,500	6.64