



Water-Data Report 2010

02485573 MILL CREEK AT CASTLEWOODS BOULEVARD NEAR LUCKNEY, MS

Pearl Basin
Middle Pearl-Strong Subbasin

LOCATION.--Lat 32°20'51", long 90°00'14" referenced to North American Datum of 1983, in SE ¼ NE ¼ SE ¼ sec.20, T.6 N., R.3 E., Rankin County, MS, Hydrologic Unit 03180002, Choctaw Meridian, on the downstream right bank where Castlewoods Blvd crosses Mill Creek in the Castlewoods subdivision in Brandon, Mississippi.

DRAINAGE AREA.--6.37 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Operated as a flood-hydrograph partial-record station March 21, 2007, to November 2009, discontinued.

GAGE.--Flood-hydrograph partial-record station. Datum of gage is 307.754 ft. above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,050 ft³/s, Dec. 11, 2008, gage height, 11.92 ft, Dec. 11, 2008.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 587 ft³/s, Oct. 13, gage height, 9.07 ft.

02485573 MILL CREEK AT CASTLEWOODS BOULEVARD NEAR LUCKNEY, MS—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water Year 2007 to November 2009, discontinued.

INSTRUMENTATION.--Automatic pumping sampler since March 21, 2007.

REMARKS.-- Unpublished records of gage height during selected storm events are available in files of District office. Interruptions in the record were due to malfunction of the instruments.

WATER-QUALITY DATA**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter]

Date	Sample start time	Discharge, instanta neous, ft³/s (00061)	Gage height, ft (00065)	Suspended sediment concen tration, mg/L (80154)	Suspended sediment discharge, tons per day (80155)
10-02-2009	0330	154	5.76	828	344
10-02-2009	0515	159	5.79	449	193
10-02-2009	0715	184	5.97	1,260	626
10-02-2009	0915	69	5.28	434	81
10-04-2009	1645	49	5.14	218	29
10-04-2009	1830	79	5.34	138	29
10-04-2009	2030	108	5.49	200	58
10-04-2009	2230	141	5.67	221	84
10-05-2009	0030	86	5.38	227	53
10-05-2009	0230	58	5.21	209	33