Water-Data Report 2012

02492600 Pearl River at Pearl River, LA

Pearl Basin
Lower Pearl Subbasin

LOCATION.--Lat 30°23′06″, long 89°44′12″ referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.6, T.8 S., R.15 E., St. Tammany Parish, LA, Hydrologic Unit 03180004, on wooden bridge fender North of I-59 on left bank, 500 yards downstream of railroad bridge, and 0.8 miles northeast of the town of Pearl River.

DRAINAGE AREA.--8494.00 mi^2,
8494.00 mi^2, includes East Pearl River.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1963 to September 1970. October 1975 to current year. Daily discharge records October 1961 to September 1963 and gage heights only October 1970 to September 1975 in files of Corps of Engineers, Mobile District. Gage-height records since June 1906 are in reports of National Weather Service and gage-height records October 1899 to May 1906 (collected by Southern Railway System) are in files of National Weather Service, Meridian, Miss.

REVISED RECORDS.--WDR LA-1981-2: 1980(M): Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 0.05 ft. below NGVD of 1929 (levels by Corps of Engineers, Mobile District). Prior to September 1970, supplemental gage located on East Pearl River at different datum for the determination of daily mean discharge for the entire flood plain.

REMARKS.--Records of daily discharge are the combined flow of the entire flood plain of the West and East Pearl Rivers. Records since October 1975 represent stages for the West Pearl River only. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 230,000 ft^3/s, Apr. 9, 1983, gage height, 21.05 ft; minimum daily discharge, 1,580 ft^3/s, Oct. 24, Nov. 10, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed since October 1899 is that of Apr. 9, 1983. Flood of 1874 reached a stage of 20.2 ft, furnished by Corps of Engineers. Southern Railway System reported a stage of 19.7 ft, Apr. 19, 1900.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 125,000 ft^3/s Sept. 4, gage height 18.59 ft., Sept. 4, Minimum gage height 4.34 ft., Jul. 3.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 02492600, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/02492600.2012.pdf

02492600 Pearl River at Pearl River, LA—Continued

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	8.25	4.52	5.69	13.70	14.41	15.03	15.11	7.66	5.24	4.55	6.08	16.71
2	7.51	4.55	6.52	13.76	14.19	14.22	15.10	7.41	5.26	4.45	5.86	17.75
3	7.02	4.57	6.85	13.68	13.72	13.21	15.17	7.27	5.39	4.41	5.70	18.36
4	6.62	4.43	6.70	13.53	13.48	12.32	15.34	7.16	5.71	4.42	5.62	18.47
5	6.30	4.41	6.53	13.21	13.42	11.80	15.48	7.05	6.40	4.42	5.42	18.05
6	6.08	4.53	6.29	12.73	13.18	11.75	15.52	6.95	6.51	4.43	5.30	17.47
7	5.93	4.60	6.01	12.10	12.91	11.84	15.48	6.91	6.15	4.72	5.27	16.96
8	5.83	4.61	5.96	11.33	12.99	11.85	15.33	7.41	5.84	4.89	5.49	16.49
9	5.77	4.63	6.04	10.48	13.30	11.75	15.08	7.51	5.77	4.91	5.46	15.71
10	5.70	4.54	5.88	9.59	13.58	11.40	14.55	7.20	6.80	4.89	5.57	14.06
11	5.56	4.51	5.68	8.92	13.85	11.16	13.46	6.76	7.98	4.99	6.19	12.04
12	5.44	4.49	5.54	9.17	14.05	11.39	11.94	6.54	7.68	5.11	6.39	10.31
13	5.37	4.50	5.43	10.46	14.15	11.92	10.50	6.45	6.99	5.25	6.08	9.16
14	5.31	4.55	5.33	11.41	14.18	12.55	9.53	6.63	6.35	5.31	5.68	8.48
15	5.28	4.57	5.28	11.66	13.99	---	8.91	6.72	5.91	5.47	5.35	8.07
16	5.22	4.68	5.24	10.94	13.57	---	8.37	6.87	6.00	5.85	5.18	7.78
17	5.18	4.57	5.18	10.07	13.04	---	8.05	7.89	7.03	6.75	5.08	7.81
18	5.18	4.54	5.11	9.56	13.38	---	8.31	8.39	7.25	7.50	4.99	8.06
19	5.08	4.73	5.06	9.60	14.49	---	9.12	8.08	7.04	8.01	5.29	8.25
20	4.96	4.87	5.11	10.55	15.17	12.05	9.72	7.58	7.03	8.48	5.61	8.09
21	4.83	4.86	5.76	10.92	15.68	11.61	10.16	7.15	6.95	8.78	5.84	7.75
22	4.76	4.85	6.44	10.60	16.36	12.48	10.72	6.82	6.66	8.97	7.52	7.61
23	4.73	4.84	6.53	9.99	16.68	13.97	10.66	6.58	6.20	9.05	8.53	7.91
24	4.71	4.80	6.55	9.33	16.60	14.85	9.67	6.33	5.79	9.21	8.40	7.94
25	4.69	4.94	6.87	9.02	16.34	15.42	8.58	6.08	5.53	9.52	7.82	7.64
26	4.69	5.08	7.06	9.27	16.08	15.67	8.02	5.90	5.32	9.75	7.32	7.49
27	4.70	5.16	7.56	9.68	15.90	15.69	7.89	5.72	5.13	9.52	6.95	7.32
28	4.68	5.07	9.08	10.76	15.75	15.54	8.10	5.57	4.98	8.67	6.63	7.09
29	4.57	5.18	10.93	12.10	15.50	15.32	8.31	5.41	4.78	7.71	8.95	7.26
30	4.58	5.32	12.24	13.30	---	15.18	8.07	5.25	4.64	7.00	12.88	9.44
31	4.58	---	13.18	14.15	---	15.15	---	5.19	---	6.47	15.26	---
Max	8.25	5.32	13.18	14.15	16.68	---	15.52	8.39	7.98	9.75	15.26	18.47
Min	4.57	4.41	5.06	8.92	12.91	---	7.89	5.19	4.64	4.41	4.99	7.09