Water-Data Report 2013

07380120 AMITE RIVER AT PORT VINCENT, LA

Lake Maurepas Basin
Amite Subbasin

LOCATION.--Lat 30°19′57″, long 90°51′07″ referenced to North American Datum of 1927, in sec.19, T.8 S., R.4 E., Livingston Parish, LA, Hydrologic Unit 08070202, on downstream side of bridge on State Highway 42, 0.1 mi east of intersection of State Highway 42 and 431, 0.2 mi west of intersection of State Highway 42 and 16, 0.5 mi downstream from mouth of Grays Creek.

DRAINAGE AREA.--1596.00 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1984 to current year. Oct. 25, 1983 to Sept. 30, 1984 (gage height only). Prior to Oct. 25, 1983, (gage height only) in reports of Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is NGVD of 1929. Prior to Oct. 25, 1983, operated by Corps of Engineers, same site and location.

REMARKS.--No estimated daily discharges. Records fair. No flow at times throughout the year. Satellite telemetry and rain gage at station. Maximum daily discharge of 69,500 ft^3/s on Jan. 28, 1990 was estimated based on measurements and hydrographic comparisons due to a large debris build up at the site effecting recorded values. Annual maximum instantaneous discharge was not computed prior to the 1998 water year.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 69,500 ft^3/s, Jan. 28, 1990; maximum recorded positive discharge, 42,100 ft^3/s, Feb. 24, 2003; maximum recorded gage height, 12.73 ft, June 11, 2001; maximum recorded negative discharge, -2230 ft^3/s, July 22, 2002; minimum recorded gage height, -0.97 ft, Dec. 13, 2010.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height, 14.65 ft, Apr. 9, 1983; minimum gage height, -1.04 ft, Jan. 19, 1977.

CORRECTIONS.--For water years 2004 through 2007 the annual instantaneous maximum discharge was incorrectly listed as 43,500 ft^3/s, Apr. 30, 1997. This value was an annual maximum daily mean discharge.

EXTREMES FOR CURRENT YEAR.--Maximum positive discharge, 35,200 ft^3/s, Jan. 13; maximum gage height, 9.56 ft, Jan. 12, 13; maximum negative discharge, -1,460 ft^3/s, Nov. 11; minimum gage height, 0.19 ft, Oct. 31, Dec. 22.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4,940	47	498	13,100	4,020	5,620	1,580	2,090	1,780	730	1,100	779
2	3,550	60	455	12,500	3,520	3,910	1,250	1,790	1,990	637	733	812
3	4,870	218	455	10,400	3,000	3,150	2,550	1,870	2,210	608	950	816
4	4,940	380	816	8,760	2,400	2,610	4,070	2,670	1,760	612	1,160	1,080
5	2,460	369	2,310	5,820	2,230	2,520	4,790	3,180	1,470	504	991	937
6	1,790	900	2,170	5,250	2,040	2,410	2,850	2,020	1,430	201	957	800
7	1,390	766	1,220	5,630	5,890	2,040	1,860	1,590	1,690	763	790	802
8	1,130	264	1,030	5,810	5,330	1,980	1,470	1,370	1,410	1,080	599	519
9	1,000	161	869	16,700	4,750	1,740	1,180	1,260	1,020	1,180	418	400
10	1,040	7.2	2,470	19,200	3,700	1,710	1,040	5,630	1,570	1,640	365	278
11	907	-321	3,830	28,800	3,750	3,600	1,690	9,490	2,060	1,360	1,050	226
12	930	940	2,170	34,300	8,580	7,090	2,200	9,390	1,520	1,440	879	495
13	966	647	1,450	33,700	11,700	8,850	1,570	7,290	1,420	1,100	1,140	703
14	922	573	1,030	32,400	19,100	8,550	4,550	3,950	1,270	798	2,910	1,170
15	1,080	614	820	28,800	25,200	5,710	7,600	2,380	607	748	3,200	339
16	378	511	771	26,400	20,400	3,130	11,000	1,910	1,090	834	3,630	470
17	757	415	3,420	24,000	13,300	2,350	14,800	1,640	1,140	598	2,810	206
18	740	294	6,250	20,900	5,990	2,070	12,600	1,660	1,100	884	1,420	-49
19	633	400	4,430	16,500	6,820	1,770	6,610	1,490	968	715	1,070	-18
20	506	518	2,780	11,600	7,090	1,810	2,820	1,360	1,390	756	1,140	526
21	202	598	2,150	6,480	5,770	1,580	1,970	1,310	1,330	1,210	1,350	5,990
22	354	439	1,270	4,440	4,890	1,490	1,790	3,780	1,260	1,250	1,430	7,370
23	364	671	837	3,670	---	1,490	1,480	7,390	1,190	1,330	842	6,500
24	350	603	948	3,290	---	1,750	3,670	9,850	1,560	1,280	547	3,670
25	542	295	1,010	3,020	---	1,760	3,470	7,470	1,070	821	195	2,060
26	821	357	2,470	2,780	11,700	1,400	1,970	2,900	1,040	673	531	1,640
27	750	984	3,810	2,540	10,400	1,210	1,880	1,890	1,230	1,510	1,020	1,300
28	654	689	5,770	2,360	8,650	1,260	1,940	1,550	1,310	3,250	942	1,240
29	556	334	9,840	2,260	---	1,180	2,150	1,570	1,020	1,570	935	1,060
30	380	544	10,400	4,310	---	1,250	1,460	2,030	723	1,130	1,060	968
31	280	---	12,500	4,400	---	1,330	---	1,780	---	1,190	910	---
Total	40,182	13,277.2	90,249	400,120	---	88,320	109,860	105,550	40,628	32,402	37,074	43,089

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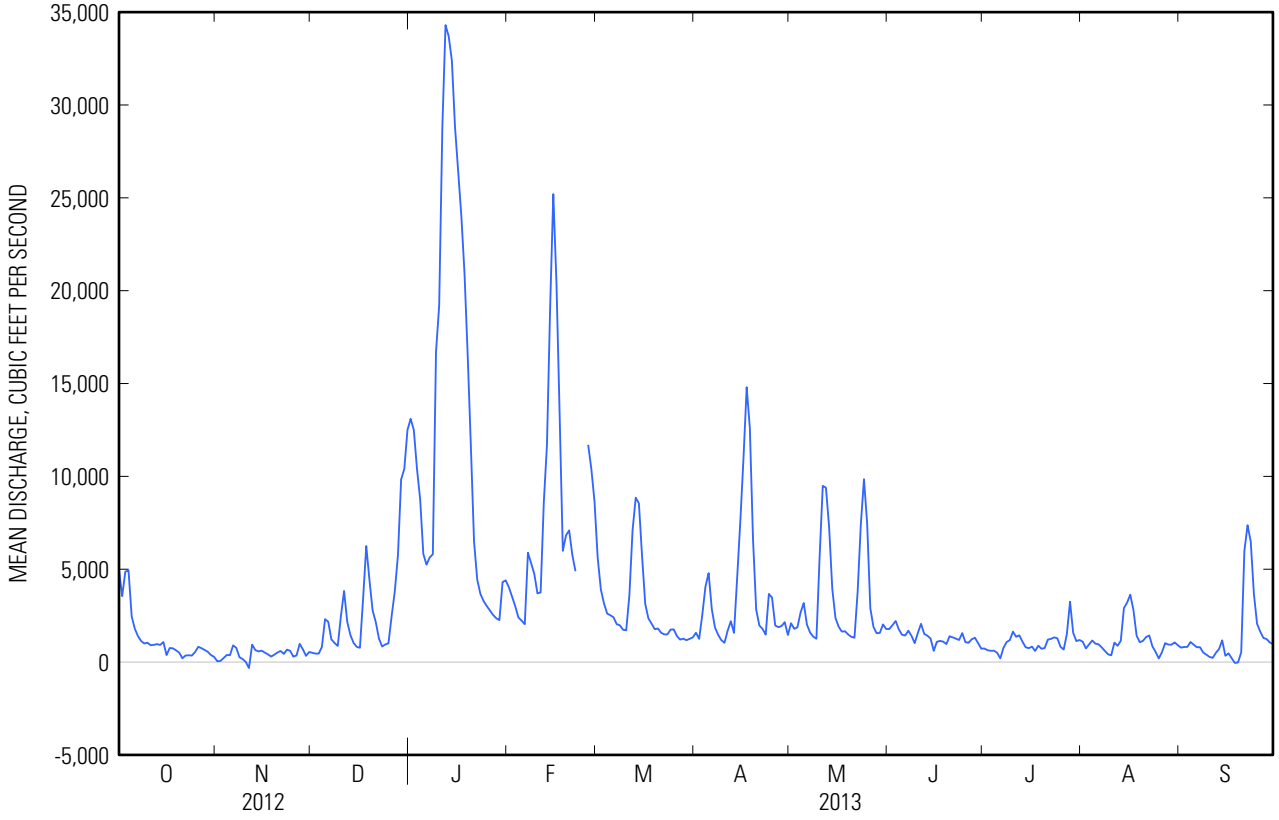

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.55	0.71	2.04	3.20	1.31	2.38	1.48	2.55	3.18	1.33	0.97	1.54
2	1.84	1.20	2.04	3.08	1.39	1.33	1.66	2.88	2.85	1.61	1.13	1.48
3	2.20	1.37	2.00	2.61	1.47	0.95	2.29	3.10	2.44	1.88	1.37	1.38
4	2.53	1.52	2.04	2.32	1.44	0.80	2.69	2.77	2.14	2.19	1.17	1.60
5	2.24	1.74	2.35	1.91	1.81	0.97	2.20	2.05	2.32	2.35	0.91	1.75
6	2.07	1.70	2.31	2.13	2.04	0.98	1.69	0.99	2.45	2.60	0.78	1.83
7	1.87	1.28	2.20	2.18	2.90	1.12	1.86	0.75	2.34	2.55	0.85	1.81
8	1.87	1.39	2.12	2.47	2.86	1.25	1.89	0.96	2.10	2.37	1.17	1.93
9	2.02	1.55	2.02	5.07	2.67	1.53	2.23	1.14	2.16	2.25	1.77	2.01
10	1.85	1.93	2.09	6.23	2.70	2.09	2.47	2.51	2.05	2.02	2.20	2.03
11	1.77	2.35	1.74	8.20	2.66	2.31	2.56	3.43	1.84	1.58	2.16	2.33
12	1.87	2.58	1.71	9.39	3.36	2.57	2.31	3.50	1.63	1.53	1.92	2.45
13	1.85	2.38	1.52	9.54	3.86	2.69	2.16	3.04	1.30	1.79	1.59	2.33
14	2.11	2.29	1.57	9.41	4.92	2.43	2.92	2.29	0.90	2.16	1.72	2.26
15	1.94	2.08	1.73	8.99	6.23	1.87	3.44	1.81	1.54	2.39	1.75	2.39
16	2.13	1.95	1.71	8.50	5.71	1.38	3.86	1.69	1.84	2.79	1.84	2.38
17	2.49	1.87	2.02	7.89	4.01	1.56	4.53	1.80	1.27	3.02	2.21	2.37
18	2.35	1.88	2.10	6.99	2.09	1.87	4.35	1.71	0.91	2.85	2.40	2.56
19	2.21	1.82	1.90	5.84	2.27	2.07	3.31	1.73	0.63	2.67	2.43	3.00
20	1.98	1.66	1.51	4.47	2.62	2.13	2.40	1.94	0.98	2.65	2.34	3.20
21	1.97	1.45	0.60	3.01	2.92	2.16	2.22	2.11	1.21	2.49	2.45	3.59
22	2.14	1.45	0.27	2.23	2.73	2.28	2.26	2.39	1.57	2.11	2.48	3.70
23	2.44	1.56	0.60	1.94	---	2.52	2.47	2.69	1.84	1.63	2.57	3.52
24	2.58	1.47	0.93	1.66	---	2.23	2.88	3.02	1.87	1.02	2.89	3.21
25	2.54	1.73	1.22	1.43	---	1.20	2.73	2.73	1.89	0.78	3.03	2.86
26	2.38	2.04	0.83	1.38	4.92	0.56	2.42	2.24	1.82	1.14	3.10	2.53
27	1.76	2.12	1.19	1.47	4.51	0.74	2.41	2.18	1.62	1.17	3.01	2.44
28	0.94	2.06	1.97	1.76	3.72	0.92	2.26	2.34	1.10	1.21	2.69	2.63
29	0.53	2.08	2.55	1.96	---	1.06	2.23	2.60	0.72	1.19	2.43	2.61
30	0.40	2.16	2.57	2.28	---	1.24	2.29	3.06	0.87	1.25	2.12	2.63
31	0.40	---	2.94	1.82	---	1.34	---	3.32	---	1.17	1.70	---
Max	2.58	2.58	2.94	9.54	---	2.69	4.53	3.50	3.18	3.02	3.10	3.70
Min	0.40	0.71	0.27	1.38	---	0.56	1.48	0.75	0.63	0.78	0.78	1.38