Water-Data Report 2012

302234087501201 WEEKS BAY AT MOUTH AT FISH RIVER POINT, AL

Mobile Bay-Tombigbee Basin
Mobile Bay Subbasin

LOCATION.--Lat 30°22′34″, long 87°50′12″ referenced to North American Datum of 1983, Baldwin County, AL, Hydrologic Unit 03160205.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 2011 to September 2012

GAGE.--Water-stage and velocity recorder. Datum of the gage is 4.00 feet above NAVD 1988.

REMARKS.--Streamflow at this site is affected significantly by astronomical tides. Daily mean discharge was computed using the Godin low-pass filter to remove tidal effects from instantaneous values.

By convention, The U.S. Geological Survey has established ebb (seaward) flows as positive, and flood (landward) flows as negative.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,990 ft^3/s, June 11, 2012; minimum discharge, -2,880 ft^3/s, Aug. 27, 2012.

302234087501201 WEEKS BAY AT MOUTH AT FISH RIVER POINT, AL—Continued

DISCHARGE, TIDALLY FILTERED, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	16	345	52
2	---	---	---	---	---	---	---	---	---	-30	626	-706
3	---	---	---	---	---	---	---	---	---	-133	699	-246
4	---	---	---	---	---	---	---	---	---	276	71	-280
5	---	---	---	---	---	---	---	---	---	368	-1,490	1,430
6	---	---	---	---	---	---	---	---	---	664	-457	1,910
7	---	---	---	---	---	---	---	---	---	253	-286	132
8	---	---	---	---	---	---	---	---	---	162	109	311
9	---	---	---	---	---	---	---	---	---	874	268	268
10	---	---	---	---	---	---	---	---	---	760	-112	608
11	---	---	---	---	---	---	---	---	---	295	-223	713
12	---	---	---	---	---	---	---	---	---	-482	48	554
13	---	---	---	---	---	---	---	---	---	-318	274	808
14	---	---	---	---	---	---	---	---	---	-437	559	684
15	---	---	---	---	---	---	---	---	---	462	735	623
16	---	---	---	---	---	---	---	---	---	1,750	248	198
17	---	---	---	---	---	---	---	---	---	1,400	76	229
18	---	---	---	---	---	---	---	---	325	1,380	106	295
19	---	---	---	---	---	---	---	---	658	625	289	-273
20	---	---	---	---	---	---	---	---	779	568	524	-547
21	---	---	---	---	---	---	---	---	256	419	-0.08	217
22	---	---	---	---	---	---	---	---	208	433	-209	-94
23	---	---	---	---	---	---	---	---	583	-113	15	321
24	---	---	---	---	---	---	---	---	364	-608	-251	558
25	---	---	---	---	---	---	---	---	-0.36	-379	-379	358
26	---	---	---	---	---	---	---	---	144	-383	216	911
27	---	---	---	---	---	---	---	---	144	-755	311	770
28	---	---	---	---	---	---	---	---	-252	31	276	-611
29	---	---	---	---	---	---	---	---	-532	557	584	-721
30	---	---	---	---	---	---	---	---	-319	461	1,050	390
31	---	---	---	---	---	---	---	---	---	123	620	---
Mean	---	---	---	---	---	---	---	---	---	266	150	295

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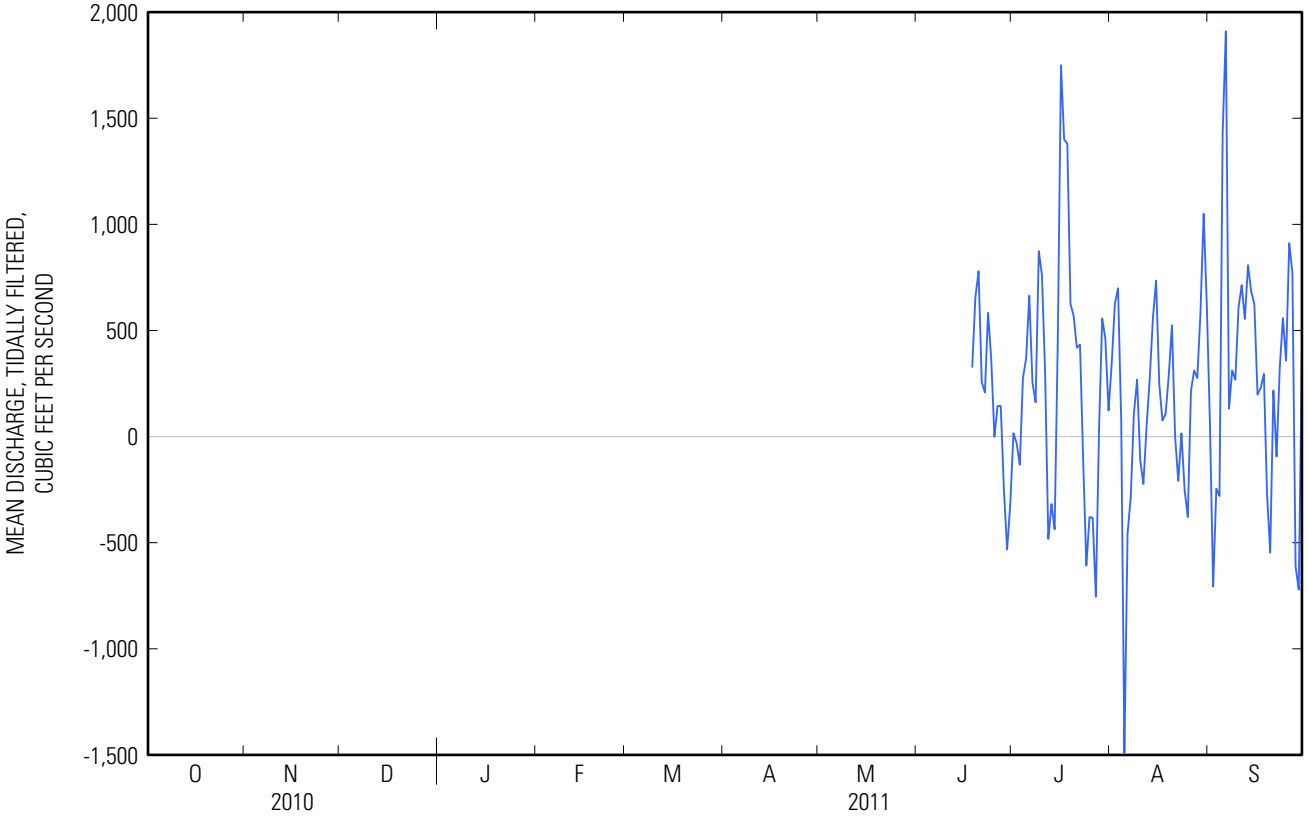

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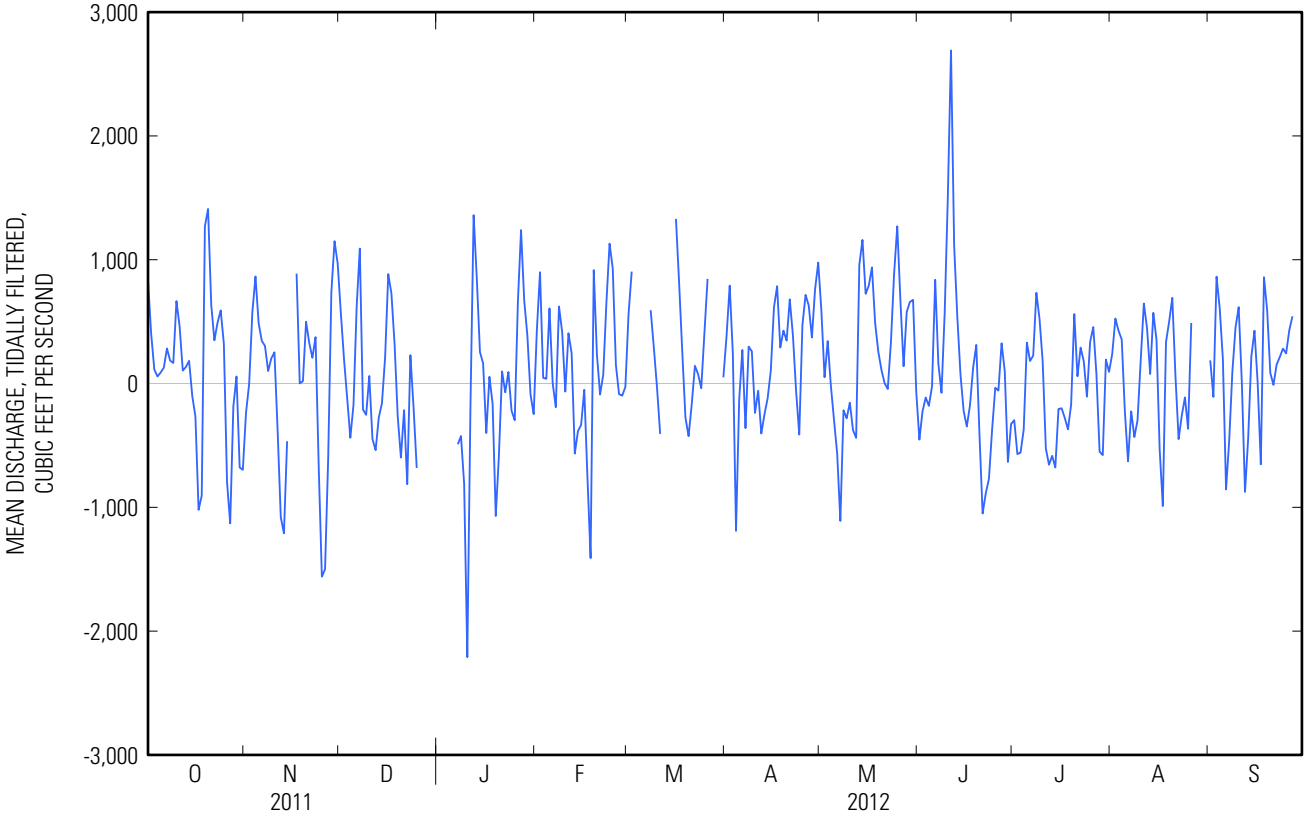
DISCHARGE, TIDALLY FILTERED, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	838	-237	570	---	431	559	383	588	-453	-296	240	187
2	402	-2.3	198	---	899	904	791	51	-224	-570	525	-108
3	113	572	-118	---	46	---	238	343	-113	-558	426	863
4	57	865	-438	---	38	---	-1,190	-17	-180	-372	356	606
5	89	486	-173	---	607	---	-132	-296	-22	330	-229	197
6	128	344	619	---	4.4	---	271	-567	838	182	-628	-855
7	283	304	1,090	-491	-191	---	-360	-1,110	160	225	-225	-460
8	185	101	-210	-424	623	592	298	-216	-75	733	-432	95
9	166	203	-253	-809	417	292	261	-281	568	523	-297	453
10	666	252	61	-2,210	-65	-29	-238	-155	1,510	177	184	617
11	461	-379	-448	-180	406	-407	-59	-376	2,690	-525	646	4.6
12	105	-1,080	-538	1,360	245	---	-404	-439	1,110	-656	449	-876
13	134	-1,210	-275	852	-566	---	-249	959	537	-584	77	-443
14	183	-466	-160	254	-384	---	-119	1,160	73	-678	571	218
15	-100	---	210	163	-335	---	104	725	-222	-206	354	427
16	-267	---	884	-400	-51	1,330	615	791	-347	-200	-532	7.0
17	-1,020	888	727	54	-755	812	786	938	-177	-279	-990	-653
18	-905	0.90	316	-162	-1,410	254	291	489	127	-370	334	859
19	1,270	19	-270	-1,070	916	-275	427	258	312	-170	500	594
20	1,410	499	-598	-580	234	-425	347	110	-407	561	692	85
21	637	328	-215	98	-89	-165	680	2.6	-1,050	59	60	-11
22	349	208	-813	-71	71	143	388	-44	-887	290	-449	153
23	492	375	229	93	653	76	-60	334	-769	179	-258	214
24	591	-672	-194	-220	1,130	-38	-412	886	-374	-106	-112	282
25	319	-1,560	-682	-296	931	405	472	1,270	-34	335	-366	243
26	-797	-1,500	---	659	151	845	716	669	-57	456	489	430
27	-1,130	-601	---	1,240	-86	---	630	140	325	79	---	543
28	-184	737	---	670	-98	---	372	579	102	-550	---	---
29	57	1,150	---	388	-27	---	760	659	-634	-578	---	---
30	-678	969	---	-91	---	---	977	676	-327	193	---	---
31	-697	---	---	-247	---	50	---	-63	---	94	---	---
Mean	102	---	---	---	129	---	219	260	66.7	-73.6	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2012 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	102	---	---	---	129	---	219	260	66.7	-73.6	---	---

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