NOS TIDAL CURRENT TABLES CORRECTIONS

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Galveston Bay Entrance (between jetties), Texas, 2005

F–Flood, Dir. 277° True E–Ebb, Dir. 088° True

January

	Slack	Maximum		
	h m	h m		knots
1 Sa	0158	0445		0.5E
		0803		0.3E
		1321		0.6E
	1704	2111		1.1F
2 Su	0134	0441		0.7E
		0947		*
		1414		*
		2121		0.7F
3 M ◑	0055	0451		1.0E
	0818	1055		0.7F
		1524		*
		2128		0.4F
	2348			
4 Tu		0448		1.2E
	0828	1134		1.2F
	2302			
5 W		0424		1.5E
	0850	1214		1.7F
	2204			
6 Th		0439		1.8E
	0923	1302		2.2F
	2204			
7 F		0514		2.2E
	1008	1359		2.5F
	2237			
8 Sa		0559		2.4E
	1105	1501		2.7F
	2325			
9 Su		0654		2.5E
	1210	1601		2.9F
10 M ●	0022	0758		2.5E
	1318	1659		2.8F
11 Tu	0124	0908		2.4E
	1423	1759		2.6F
12 W	0240	1022		2.2E
	1525	1858		2.3F
13 Th		0329		*
		0448		*
		1230		1.8E
	1625	1952		1.8F
14 F		0330		*
		0621		*
		1352		1.3E
	1728	2036		1.2F
15 Sa	0138	0331		0.3E
	0541	0758		0.4F
	1055	1511		0.8E
	1834	2109		0.7F

	Slack	Maximum		
	h m	h m		knots
16 Su	0025	0340		0.6E
	0642	0957		0.8F
	1418	1735		0.3E
		2130		*
17 M ◐	0733	0351		0.9E
		1115		1.3F
		1934		*
		2143		*
18 Tu	0820	0354		1.2E
	1939	1204		1.6F
19 W	0906	0413		1.5E
	2056	1250		1.7F
20 Th	0952	0451		1.6E
	2200	1340		1.8F
21 F	1041	0537		1.7E
	2259	1437		1.9F
22 Sa	1132	0627		1.8E
	2349	1531		2.0F
23 Su	1224	0725		1.8E
		1619		2.1F
24 M	0026	0829		1.9E
	1314	1704		2.1F
25 Tu ○	0047	0922		1.8E
	1358	1745		2.1F
26 W		0214		*
		0330		*
		1001		1.7E
	1435	1820		2.0F
27 Th		0208		*
		0427		*
		1034		1.4E
	1505	1843		1.7F
28 F	0014	0207		0.4E
		0527		*
		1109		1.0E
	1527	1856		1.3F
	2356			
29 Sa		0220		0.5E
		0636		*
		1159		0.6E
	1534	1908		0.9F
	2317			
30 Su	0543	0235		0.7E
		0746		0.4F
		1303		*
		1914		0.6F
	2159			
31 M	0607	0237		0.9E
		0853		0.8F
		1405		*
		1750		0.3F
	2107			

February

	Slack	Maximum		
	h m	h m		knots
1 Tu		0217		1.2E
	0635	0958		1.3F
	2023			
2 W ◑	0710	0225		1.5E
	2011	1055		1.8F
3 Th	0756	0253		1.8E
	2034	1149		2.2F
4 F		0339		2.1E
	0853	1247		2.4F
	2115			
5 Sa		0443		2.2E
	1000	1355		2.6F
	2207			
6 Su		0553		2.3E
	1111	1507		2.7F
	2306			
7 M		0710		2.3E
	1221	1606		2.7F
8 Tu ●	0006	0851		2.3E
	1327	1656		2.5F
9 W		0126		*
		0314		*
		1023		2.1E
	1427	1741		2.1F
10 Th		0127		*
		0421		0.4F
	0605	1144		1.7E
	1522	1818		1.6F
11 F		0127		*
		0526		0.7F
	0801	1258		1.2E
	1615	1846		1.0F
	2240			
12 Sa		0132		0.4E
	0341	0637		0.9F
	1015	1405		0.7E
	1711	1906		0.4F
	2133			
13 Su	0439	0138		0.8E
		0754		1.1F
		1559		*
		1919		*
14 M	0538	0133		1.1E
	1729	0925		1.3F
15 Tu ◐	0637	0147		1.3E
	1843	1047		1.5F

	Slack	Maximum		
	h m	h m		knots
16 W	0735	0219		1.4E
	1940	1142		1.6F
17 Th	0832	0305		1.5E
	2033	1231		1.7F
18 F	0930	0408		1.5E
	2123	1327		1.7F
19 Sa	1026	0529		1.6E
	2208	1427		1.9F
20 Su	1118	0641		1.7E
	2239	1520		2.0F
21 M	1207	0750		1.7E
		1603		2.1F
22 Tu		0032		*
		0138		*
		0848		1.7E
	1251	1637		2.0F
23 W ○		0028		*
		0257		*
		0931		1.5E
	1329	1702		1.9F
	2213			
24 Th		0019		0.4E
		0353		*
		1004		1.3E
	1400	1714		1.5F
	2156			
25 F		0025		0.6E
	0256	0441		0.4F
	0639	1030		0.9E
	1421	1723		1.2F
	2122			
26 Sa		0039		0.7E
	0316	0530		0.7F
	0820	1101		0.5E
	1429	1731		0.8F
	2027			
27 Su	0337	0044		0.9E
		0621		1.0F
		1156		*
		1723		0.5F
	1933			
28 M	0403	0008		1.1E
		0715		1.3F
		1326		*
		1629		0.3F
	1900			

March

	Slack	Maximum		
	h m	h m		knots
1 Tu		0006		1.4E
	0436	0813		1.6F
	1832			
2 W		0029		1.7E
	0521	0918		1.9F
	1838			
3 Th ◑		0110		1.9E
	0620	1031		2.1F
	1906			
4 F		0204		2.0E
	0731	1140		2.4F
	1949			
5 Sa		0312		2.1E
	0849	1247		2.5F
	2040			
6 Su		0446		2.1E
	1006	1400		2.5F
	2133			
7 M		0633		2.1E
	1117	1504		2.5F
		2337		*
8 Tu		0059		*
		0831		2.0E
	1223	1552		2.2F
		2337		*
9 W		0230		0.3F
	0404	0947		1.9E
	1325	1629		1.8F
		2336		*
10 Th ●		0339		0.8F
	0606	1055		1.5E
	1422	1657		1.3F
	2100	2337		0.4E
11 F	0144	0437		1.2F
	0754	1207		1.1E
	1514	1716		0.7F
	2000	2338		0.7E
12 Sa	0226	0532		1.4F
	0954	1321		0.6E
	1606	1729		0.3F
	1901	2310		1.1E
13 Su	0309	0630		1.6F
		1450		*
		1731		*
		2318		1.4E
14 M	0354	0731		1.6F
	1643	2350		1.5E
15 Tu	0445	0842		1.5F
	1742			

	Slack	Maximum		
	h m	h m		knots
16 W		0035		1.5E
	0547	1018		1.5F
	1827			
17 Th ◐		0129		1.5E
	0657	1127		1.6F
	1909			
18 F		0228		1.4E
	0807	1220		1.7F
	1948			
19 Sa		0351		1.4E
	0910	1312		1.8F
	2018			
20 Su		0547		1.5E
	1004	1404		1.9F
	2033	2238		0.3E
		2336		0.3E
21 M		0651		1.5E
	1052	1450		2.0F
	2026	2238		0.3E
22 Tu		0053		*
		0748		1.4E
	1135	1525		1.9F
	2017	2233		0.4E
23 W		0209		*
		0840		1.2E
	1214	1548		1.6F
	2005	2232		0.6E
24 Th	0121	0309		0.4F
	0515	0926		1.0E
	1248	1557		1.3F
	1942	2243		0.8E
25 F ○	0136	0354		0.8F
	0648	1006		0.6E
	1314	1604		0.9F
	1907	2250		1.0E
26 Sa	0154	0434		1.2F
	0821	1044		0.3E
	1325	1611		0.6F
	1815	2224		1.2E
27 Su	0212	0513		1.5F
		1153		*
		1606		0.3F
	1743	2209		1.5E
28 M	0235	0557		1.8F
		1329		*
		1517		*
		2216		1.8E
29 Tu	0305	0647		2.0F
	1704	2234		2.1E
30 W	0347	0747		2.2F
	1719	2312		2.2E
31 Th	0446	0859		2.2F
	1749			

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
If three consecutive entries are marked (E) the middle one is not a true maximum but an intermediate value to show the current pattern.
* Current weak and variable.

Galveston Bay Entrance (between jetties), Texas, 2005

F–Flood, Dir. 277° True E–Ebb, Dir. 088° True

April

	Slack h m	Maximum h m	Maximum knots
1 F ◑	0605 1829	0023 1027	2.1E 2.3F
2 Sa	0732 1913	0149 1145	2.0E 2.4F
3 Su	0854 1953	0321 1248	1.9E 2.4F
4 M	1007 2018	0601 1346 2157	1.8E 2.3F 0.3E
5 Tu	1113 2010 2333	0016 0737 1436 2156	* 1.8E 1.9F 0.3E
6 W	0352 1216 1930	0137 0856 1514 2154	0.5F 1.6E 1.5F 0.5E
7 Th	0000 0554 1319 1832	0252 1007 1540 2157	1.0F 1.2E 0.9F 0.8E
8 F ●	0039 0747 1420 1750	0350 1122 1557 2151	1.5F 0.9E 0.4F 1.1E
9 Sa	0120 0954	0438 1252 1609 2138	1.8F 0.5E * 1.5E
10 Su	0200	0524 1423 1612 2152	2.0F * * 1.7E
11 M	0239 1521	0611 2218	1.9F 1.8E
12 Tu	0321 1639	0705 2252	1.8F 1.7E
13 W	0410 1723	0814 2342	1.6F 1.6E
14 Th	0514 1757	1002	1.6F
15 F	0631 1824	0057 1114	1.5E 1.7F
16 Sa ◐	0740 1839	0212 1203	1.4E 1.8F
17 Su	0839 1835	0354 1245 2120 2254	1.3E 1.9F 0.5E 0.4E
18 M	0928 1825	0538 1324 2112	1.3E 1.9F 0.5E
19 Tu	1010 1817	0012 0635 1357 2102	* 1.1E 1.7F 0.7E
20 W	1048 1803	0117 0730 1418 2103	* 0.9E 1.3F 0.9E
21 Th	0005 0505 1121 1741	0217 0829 1427 2114	0.5F 0.6E 1.0F 1.1E
22 F	0020 0648 1147 1701	0302 0927 1437 2116	1.0F 0.3E 0.6F 1.3E
23 Sa	0037 1615	0339 1024 1446 2052	1.5F * 0.3F 1.5E
24 Su ○	0057	0414 1156 1430 2049	1.9F * * 1.9E
25 M	0121 1508	0452 2103	2.2F 2.2E
26 Tu	0153 1527	0536 2127	2.4F 2.4E
27 W	0235 1603	0630 2201	2.5F 2.5E
28 Th	0331 1643	0736 2250	2.4F 2.3E
29 F	0444 1722	0859	2.4F
30 Sa	0611 1757	0022 1036	2.1E 2.4F

May

	Slack h m	Maximum h m	Maximum knots
1 Su ◑	0735 1821	0205 1141	1.8E 2.3F
2 M	0851 1823	0457 1229 2031 2329	1.6E 2.1F 0.4E *
3 Tu	0959 1800 2230	0634 1309 2024	1.5E 1.7F 0.5E
4 W	0328 1103 1709 2256	0044 0757 1344 2022	0.6F 1.2E 1.1F 0.7E
5 Th	0539 1209 1628 2333	0156 0920 1410 2027	1.2F 0.9E 0.6F 1.1E
6 F	0750	0258 1044 1430 2022	1.7F 0.6E * 1.4E
7 Sa	0013 0954	0347 1223 1446 2020	2.0F 0.4E * 1.7E
8 Su ●	0054	0429 1358 1451 2042	2.2F * * 1.9E
9 M	0136 1351	0510 2112	2.1F 2.0E
10 Tu	0218 1524	0554 2146	2.0F 1.9E
11 W	0303 1621	0650 2225	1.8F 1.8E
12 Th	0355 1656	0810 2320	1.7F 1.6E
13 F	0457 1716	0946	1.7F
14 Sa	0602 1719	0045 1049	1.5E 1.8F
15 Su	0702 1700	0204 1132 2015 2117	1.3E 1.9F 0.6E 0.6E
16 M ◐	0752 1644	0329 1204 1949 2339	1.1E 1.8F 0.6E *
17 Tu	0834 1632	0510 1227 1930	0.8E 1.5F 0.8E
18 W	0909 1613 2253	0030 0615 1236 1933	* 0.6E 1.1F 1.0E
19 Th	0452 0933 1544 2304	0115 0718 1241 1943	0.7F 0.3E 0.7F 1.2E
20 F	1444 2321	0157 0838 1248 1939	1.1F * 0.4F 1.4E
21 Sa	1354 2343	0237 1920	1.6F 1.7E
22 Su	1247	0314 1929	2.0F 2.0E
23 M ○	0011 1302	0353 1953	2.4F 2.3E
24 Tu	0048 1343	0436 2027	2.6F 2.5E
25 W	0136 1437	0525 2109	2.7F 2.6E
26 Th	0233 1534	0625 2159	2.7F 2.5E
27 F	0339 1622	0738 2307	2.5F 2.2E
28 Sa	0454 1656	0903	2.4F
29 Su	0614 1706	0055 1024	1.8E 2.2F
30 M ◑	0730 1647	0309 1115 1901 2226	1.5E 1.9F 0.4E *
31 Tu	0842 1604 2118	0525 1150 1851 2352	1.2E 1.4F 0.6E 0.8F

June

	Slack h m	Maximum h m	Maximum knots
1 W	0254 0951 1508 2148	0656 1216 1851	0.9E 0.8F 0.9E
2 Th	0531 1101 1422 2226	0055 0835 1234 1856	1.3F 0.6E 0.3F 1.3E
3 F	0747 2307	0156 1007 1249 1853	1.8F 0.4E * 1.6E
4 Sa	0946 2350	0251 1145 1256 1902	2.0F 0.3E * 1.8E
5 Su	1127	0338 1931	2.2F 2.0E
6 M ●	0035 1247	0420 2009	2.2F 2.0E
7 Tu	0122 1400	0501 2051	2.1F 2.0E
8 W	0209 1509	0550 2135	2.0F 1.9E
9 Th	0257 1555	0652 2222	1.9F 1.8E
10 F	0345 1614	0801 2321	1.9F 1.6E
11 Sa	0434 1604	0908	1.8F
12 Su	0523 1525	0041 1004	1.4E 1.8F
13 M	0608 1506	0150 1043 1816 2226	1.1E 1.6F 0.6E 0.3E
14 Tu ◐	0646 1449	0253 1104 1758 2340	0.7E 1.3F 0.8E *
15 W	0708 1424 2133	0440 1104 1805	0.3E 0.9F 1.1E
16 Th	1338 2145	0012 0608 1106 1814	0.7F * 0.5F 1.3E
17 F	2203	0043 0930 1103 1804	1.2F * * 1.5E
18 Sa	1138 2228	0120 1754	1.6F 1.8E
19 Su	1120 2302	0204 1810	2.0F 2.1E
20 M	1146 2346	0251 1842	2.4F 2.3E
21 Tu ○	1226	0339 1926	2.6F 2.5E
22 W	0040 1317	0430 2019	2.8F 2.6E
23 Th	0141 1417	0525 2117	2.8F 2.6E
24 F	0244 1521	0627 2221	2.6F 2.3E
25 Sa	0349 1609	0734 2350	2.4F 1.9E
26 Su	0456	0840 1731 1850	2.0F * *
27 M	0608 1501 1910 2301	0205 0940 1711 2050	1.4E 1.5F 0.3E 0.3F
28 Tu ◑	0722 1357 1946	0356 1024 1708 2247	0.9E 1.0F 0.6E 0.8F
29 W	0217 0840 1308 2028	0559 1051 1717 2354	0.6E 0.5F 1.0E 1.4F
30 Th	0518 2113	0753 1107 1727	0.4E * 1.3E

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Galveston Bay Entrance (between jetties), Texas, 2005

F–Flood, Dir. 277° True E–Ebb, Dir. 088° True

July

	Slack	Maximum	
	h m	h m	knots
1 F		0048	1.8F
	0731	0929	0.3E
		1119	*
		1731	1.6E
	2158		
2 Sa		0143	2.0F
	0913	1749	1.8E
	2245		
3 Su		0239	2.0F
	1035	1822	1.9E
	2334		
4 M		0330	2.0F
	1148	1906	1.9E
5 Tu	0025	0416	2.0F
	1249	1959	1.9E
6 W ●	0116	0501	2.0F
	1345	2054	1.9E
7 Th	0203	0548	2.0F
	1435	2143	1.9E
8 F	0245	0638	2.0F
	1451	2231	1.7E
9 Sa	0324	0725	1.9F
	1402	2324	1.5E
10 Su	0400	0804	1.7F
	1332	1530	0.3E
		1811	*
11 M		0032	1.1E
	0432	0832	1.4F
	1318	1538	0.5E
		1948	*
12 Tu		0133	0.6E
	0454	0846	1.0F
	1258	1600	0.8E
	1936	2129	0.3F
13 W		0228	*
		0857	0.6F
	1225	1620	1.0E
	1950	2252	0.8F
14 Th ◐		0440	*
		0853	0.3F
	1104	1627	1.2E
	2010	2328	1.2F
15 F	1000	1604	1.4E
	2035		

	Slack	Maximum	
	h m	h m	knots
16 Sa		0004	1.6F
	0929	1613	1.7E
	2107		
17 Su		0046	2.0F
	0950	1644	2.0E
	2149		
18 M		0138	2.3F
	1027	1729	2.2E
	2241		
19 Tu		0239	2.5F
	1112	1824	2.4E
	2342		
20 W		0337	2.7F
	1204	1926	2.5E
21 Th ○	0047	0431	2.7F
	1259	2037	2.4E
22 F	0150	0524	2.6F
	1405	2148	2.2E
23 Sa	0251	0616	2.3F
		1433	*
		1635	*
		2319	1.8E
24 Su	0349	0704	1.9F
		1429	*
		1755	0.4F
	1941		
25 M		0117	1.4E
	0451	0747	1.3F
	1242	1438	0.3E
	1640	1922	0.7F
	2224		
26 Tu		0238	0.9E
	0602	0822	0.7F
	1133	1452	0.6E
	1748	2058	1.0F
27 W ◑	0137	0453	0.4E
		0849	*
		1502	1.0E
	1849	2239	1.4F
28 Th	0500	0717	0.3E
		0908	*
		1506	1.3E
	1946	2342	1.7F
29 F	0653	1532	1.5E
	2041		
30 Sa		0035	1.8F
	0814	1617	1.6E
	2136		
31 Su		0129	1.9F
	0924	1712	1.7E
	2231		

August

	Slack	Maximum	
	h m	h m	knots
1 M		0229	1.8F
	1032	1809	1.7E
	2324		
2 Tu		0323	1.9F
	1134	1912	1.8E
3 W	0015	0408	2.0F
	1221	2021	1.8E
4 Th ●	0103	0449	2.0F
	1245	2116	1.8E
5 F	0144	0525	2.0F
		1338	*
		1528	*
		2159	1.7E
6 Sa	0221	0557	1.9F
		1327	*
		1625	*
		2239	1.4E
7 Su	0253	0620	1.6F
	1127	1330	0.4E
		1722	*
		2325	1.0E
8 M	0318	0635	1.3F
	1107	1348	0.6E
	1631	1825	0.4F
	2042		
9 Tu		0027	0.6E
	0331	0648	0.8F
	1035	1406	0.8E
	1706	1931	0.6F
10 W		0128	*
		0649	0.5F
	0916	1415	1.0E
	1740	2036	0.9F
11 Th		0231	*
		0509	0.3F
	0819	1359	1.2E
	1813	2142	1.3F
12 F ◐	0740	1400	1.5E
	1850	2240	1.6F
13 Sa	0749	1421	1.7E
	1934	2332	2.0F
14 Su	0819	1500	1.9E
	2029		
15 M		0026	2.2F
	0859	1602	2.1E
	2132		

	Slack	Maximum	
	h m	h m	knots
16 Tu		0128	2.4F
	0947	1717	2.2E
	2239		
17 W		0237	2.5F
	1039	1833	2.2E
	2346		
18 Th		0335	2.6F
	1131	1959	2.2E
19 F ○	0051	0423	2.5F
		1253	*
		1451	*
		2139	2.1E
20 Sa	0152	0504	2.2F
		1242	*
		1601	0.5F
	1749	2303	1.7E
21 Su	0250	0540	1.6F
	1056	1243	0.3E
	1418	1704	0.9F
	1946		
22 M		0028	1.3E
	0346	0610	1.0F
	0940	1253	0.5E
	1507	1810	1.2F
	2154		
23 Tu		0144	0.8E
	0449	0634	0.4F
	0842	1257	0.9E
	1600	1922	1.4F
24 W	0058	0325	0.3E
		0650	*
		1250	1.2E
	1658	2043	1.5F
25 Th	0429	1310	1.4E
	1802	2219	1.7F
26 F ◑	0600	1346	1.5E
	1909	2329	1.7F
27 Sa	0705	1432	1.5E
	2016		
28 Su		0023	1.7F
	0804	1533	1.5E
	2120		
29 M		0118	1.7F
	0900	1709	1.5E
	2216		
30 Tu		0214	1.8F
	0950	1832	1.6E
	2307		
31 W		0304	1.9F
	1024	1938	1.6E
	2353		

September

	Slack	Maximum	
	h m	h m	knots
1 Th		0344	2.0F
		1152	*
		1331	*
		2034	1.6E
2 F	0035	0416	2.0F
		1144	*
		1448	*
		2122	1.5E
3 Sa ●	0113	0441	1.8F
	0927	1136	0.4E
	1402	1545	0.4F
	1734	2204	1.2E
4 Su	0147	0456	1.5F
	0909	1149	0.7E
	1427	1634	0.7F
	1906	2246	0.9E
5 M	0214	0506	1.1F
	0844	1207	0.9E
	1453	1721	0.9F
	2043	2338	0.5E
6 Tu	0228	0514	0.7F
	0755	1216	1.0E
	1518	1809	1.2F
7 W		0050	*
		0503	0.4F
	0659	1147	1.2E
	1545	1900	1.4F
8 Th		0159	*
		0400	0.3F
	0620	1136	1.4E
	1617	1954	1.6F
9 F	0605	1144	1.7E
	1658	2055	1.8F
10 Sa	0621	1221	1.8E
	1752	2206	2.0F
11 Su ◐	0651	1320	2.0E
	1900	2316	2.2F
12 M	0730	1428	2.0E
	2014		
13 Tu		0020	2.3F
	0815	1556	2.0E
	2129		
14 W		0123	2.4F
	0859	1739	2.0E
	2239		
15 Th		0226	2.4F
		1107	*
		1229	*
		1933	1.9E
	2345		

	Slack	Maximum	
	h m	h m	knots
16 F		0316	2.2F
		1055	*
		1402	0.3F
	1534	2109	1.8E
17 Sa ○	0049	0354	1.8F
	0904	1049	0.3E
	1235	1515	0.8F
	1745	2222	1.5E
18 Su	0150	0424	1.3F
	0804	1054	0.6E
	1314	1615	1.4F
	1937	2340	1.1E
19 M	0251	0448	0.7F
	0718	1054	0.9E
	1357	1710	1.7F
	2138		
20 Tu		0104	0.7E
		0505	*
		1035	1.2E
	1442	1807	1.9F
21 W	0022	0242	0.3E
		0512	*
		1046	1.5E
	1528	1909	1.9F
22 Th	0328	1114	1.7E
	1621	2020	1.7F
23 F	0503	1156	1.6E
	1726	2202	1.6F
24 Sa	0559	1254	1.5E
	1841	2319	1.6F
25 Su ◑	0647	1359	1.4E
	1955		
26 M		0011	1.7F
	0730	1515	1.3E
	2057		
27 Tu		0058	1.8F
	0802	1732	1.4E
	2149		
28 W		0143	1.8F
	0815	1011	0.3E
		1130	*
		1834	1.4E
	2234		
29 Th		0225	1.9F
	0755	1008	0.3E
		1244	*
		1928	1.4E
	2316		
30 F		0300	1.8F
	0736	0957	0.5E
		1358	*
		2024	1.2E
	2355		

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
If three consecutive entries are marked (E) the middle one is not a true maximum but an intermediate value to show the current pattern.
* Current weak and variable.

Galveston Bay Entrance (between jetties), Texas, 2005

F–Flood, Dir. 277° True E–Ebb, Dir. 088° True

October

	Slack h m	Maximum h m	Maximum knots
1 Sa		0326	1.5F
	0721	0959	0.7E
	1249	1500	0.6F
	1728	2117	0.9E
2 Su	0033	0340	1.2F
	0704	1013	0.9E
	1312	1546	1.0F
	1900	2207	0.6E
3 M ●	0107	0348	0.8F
	0637	1025	1.1E
	1335	1626	1.3F
	2039	2303	0.3E
4 Tu	0128	0355	0.5F
	0546	1014	1.3E
	1358	1704	1.7F
5 W		0020	*
		0347	*
		0956	1.6E
	1422	1744	1.9F
6 Th	0438	0955	1.8E
	1450	1829	2.0F
7 F	0441	1005	2.1E
	1527	1924	2.1F
8 Sa	0505	1033	2.2E
	1618	2030	2.1F
9 Su	0536	1124	2.1E
	1728	2153	2.2F
10 M ◐	0611	1259	2.0E
	1851	2314	2.3F
11 Tu	0647	1431	1.9E
	2011		
12 W		0013	2.4F
	0718	1629	1.7E
	2125		
13 Th		0105	2.2F
	0731	0930	0.3E
		1148	*
		1847	1.6E
	2233		
14 F		0153	1.9F
	0717	0917	0.3E
	1109	1307	0.5F
	1518	2016	1.5E
	2338		
15 Sa		0234	1.5F
	0634	0916	0.6E
	1132	1422	1.1E
	1730	2136	1.2E

	Slack h m	Maximum h m	Maximum knots
16 Su	0046	0306	0.9F
	0550	0922	0.9E
	1209	1526	1.7F
	1929	2257	0.9E
17 M ○	0200	0330	0.4F
	0511	0920	1.3E
	1251	1618	2.1F
	2137		
18 Tu		0037	0.6E
		0348	*
		0913	1.6E
	1335	1706	2.2F
	2354		
19 W		0212	0.3E
		0356	*
		0929	1.9E
	1420	1756	2.2F
20 Th	0210	0954	1.9E
	1506	1852	2.0F
21 F	0357	1026	1.9E
	1559	2005	1.7F
22 Sa	0458	1109	1.7E
	1704	2151	1.6F
23 Su	0541	1222	1.5E
	1818	2302	1.7F
24 M ◑	0612	1345	1.3E
	1925	2347	1.8F
25 Tu	0628	1512	1.2E
	2020		
26 W		0025	1.8F
	0617	0858	0.5E
		1041	0.4E
		1712	1.2E
	2106		
27 Th		0059	1.8F
	0553	0844	0.5E
		1202	*
		1814	1.1E
	2149		
28 F		0129	1.6F
	0538	0827	0.7E
	1126	1305	0.3F
	1512	1911	0.9E
	2228		
29 Sa		0152	1.3F
	0525	0832	1.0E
	1138	1405	0.7F
	1707	2015	0.6E
	2306		
30 Su		0205	0.9F
	0509	0847	1.2E
	1158	1454	1.2F
	1859	2122	0.3E
	2341		
31 M		0217	0.5F
	0433	0857	1.4E
	1221	1532	1.6F
		2231	*

November

	Slack h m	Maximum h m	Maximum knots
1 Tu ●		0225	*
		0843	1.6E
	1244	1606	1.9F
2 W	0216	0836	1.8E
	1310	1641	2.2F
3 Th	0220	0845	2.1E
	1340	1721	2.3F
4 F	0303	0904	2.3E
	1418	1809	2.4F
5 Sa	0347	0934	2.4E
	1507	1909	2.3F
6 Su	0428	1015	2.4E
	1610	2022	2.3F
7 M	0504	1123	2.2E
	1727	2151	2.3F
8 Tu ◐	0534	1317	1.9E
	1849	2303	2.3F
9 W	0550	1458	1.6E
	2005	2350	2.1F
10 Th	0542	0800	0.4E
		1054	*
		1746	1.3E
	2117		
11 F		0029	1.7F
	0513	0742	0.5E
	1002	1213	0.6F
	1450	1915	1.1E
	2226		
12 Sa		0103	1.1F
	0426	0743	0.8E
	1026	1322	1.3F
	1712	2048	0.9E
	2338		
13 Su		0133	0.6F
	0349	0750	1.2E
	1103	1429	1.8F
	1928	2221	0.6E
14 M		0159	*
		0749	1.5E
	1146	1526	2.2F
	2130		
15 Tu ○		0005	0.5E
		0220	0.3E
		0754	1.8E
	1231	1614	2.4F
	2327		

	Slack h m	Maximum h m	Maximum knots
16 W		0819	2.0E
	1319	1659	2.3F
17 Th	0108	0851	2.1E
	1408	1747	2.1F
18 F	0241	0927	2.0E
	1457	1846	1.9F
19 Sa	0357	1007	1.9E
	1549	2003	1.7F
20 Su	0443	1057	1.7E
	1646	2126	1.7F
21 M	0509	1216	1.5E
	1745	2227	1.8F
22 Tu	0513	1341	1.3E
	1840	2309	1.8F
23 W ◑	0443	0749	0.5E
		0847	0.5E
		1457	1.1E
	1928	2341	1.7F
24 Th	0413	0717	0.6E
		1122	*
		1640	0.8E
	2011		
25 F		0004	1.5F
	0356	0655	0.8E
	1021	1216	0.3F
	1428	1756	0.5E
	2049		
26 Sa		0016	1.1F
	0340	0704	1.1E
	1026	1302	0.8F
	1651	1904	0.3E
	2121		
27 Su		0023	0.7F
	0316	0719	1.3E
	1044	1348	1.2F
		2036	*
28 M		0029	0.3F
	0214	0725	1.5E
	1107	1429	1.7F
29 Tu	0059	0711	1.7E
	1132	1507	2.0F
30 W	0012	0714	2.0E
	1201	1543	2.3F

December

	Slack h m	Maximum h m	Maximum knots
1 Th ●	0044	0733	2.2E
	1236	1623	2.5F
2 F	0128	0804	2.4E
	1319	1707	2.6F
3 Sa	0220	0844	2.5E
	1411	1801	2.6F
4 Su	0315	0931	2.5E
	1509	1904	2.5F
5 M	0403	1030	2.3E
	1614	2015	2.3F
6 Tu	0435	1201	1.9E
	1726	2129	2.1F
7 W	0439	1351	1.5E
	1842	2229	1.8F
8 Th ◐	0406	0623	0.3E
		0935	*
		1626	1.1E
	1957	2310	1.4F
9 F	0316	0608	0.6E
	0841	1115	0.8F
	1413	1815	0.8E
	2114	2340	0.8F
10 Sa	0228	0614	1.0E
	0913	1222	1.4F
	1659	2003	0.6E
	2237		
11 Su		0004	0.3F
	0142	0622	1.3E
	0954	1324	1.9F
	1916	2146	0.5E
12 M		0023	*
	1039	0625	1.7E
	2112	1426	2.2F
		2324	0.4E
13 Tu		0032	0.3E
		0638	1.9E
	1128	1522	2.3F
	2249		
14 W		0708	2.0E
	1220	1611	2.3F
15 Th ○	0013	0748	2.0E
	1313	1658	2.1F

	Slack h m	Maximum h m	Maximum knots
16 F	0128	0834	2.0E
	1404	1748	2.0F
17 Sa	0244	0921	1.9E
	1452	1845	1.9F
18 Su	0347	1008	1.8E
	1536	1944	1.8F
19 M	0416	1103	1.6E
	1619	2039	1.8F
20 Tu	0403	1219	1.4E
	1702	2130	1.7F
21 W	0258	0615	0.3E
		0702	0.3E
		1333	1.1E
	1744	2211	1.5F
22 Th	0229	0528	0.5E
		0918	*
		1438	0.7E
	1823	2237	1.2F
23 F ◑	0212	0520	0.8E
	0854	1116	0.3F
	1332	1615	0.3E
	1852	2244	0.8F
24 Sa	0154	0536	1.1E
	0904	1159	0.9F
		1757	*
		2248	0.4F
25 Su	0113	0552	1.3E
	0925	1235	1.3F
		2140	*
		2242	*
26 M		0555	1.5E
	0949	1313	1.7F
	2236		
27 Tu		0544	1.7E
	1017	1355	1.9F
	2253		
28 W		0554	1.9E
	1051	1441	2.2F
	2330		
29 Th		0621	2.2E
	1132	1527	2.4F
30 F ●	0013	0701	2.4E
	1222	1613	2.6F
31 Sa	0100	0752	2.5E
	1317	1702	2.6F

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
If three consecutive entries are marked (E) the middle one is not a true maximum but an intermediate value to show the current pattern.
* Current weak and variable.

TABLE 2 – CURRENT DIFFERENCES AND OTHER CONSTANTS

No.	PLACE	Meter Depth	POSITION		TIME DIFFERENCES				SPEED RATIOS		AVERAGE SPEEDS AND DIRECTIONS							
			Latitude	Longitude	Min. before Flood	Flood	Min. before Ebb	Ebb	Flood	Ebb	Minimum before Flood		Maximum Flood		Minimum before Ebb		Maximum Ebb	
		ft	**North**	**West**	h m	h m	h m	h m			knots	Dir.	knots	Dir.	knots	Dir.	knots	Dir.
	MISSISSIPPI SOUND Time meridian, 90° W				**on Mobile Bay Entrance, p.112**													
8726	Pascagoula River highway bridge <24>		30° 22.3'	88° 33.8'	– – –	+0 48	– – –	–1 02	0.9	0.8	– –	– –	1.2	016°	– –	– –	1.2	201°
	LOUISIANA COAST																	
8731	Quatre Bayoux Pass, Barataria Bay		29° 18.6'	89° 51.1'	+1 37	+1 04	+0 43	+0 06	0.9	0.9	– –	– –	1.2	288°	– –	– –	1.3	103°
8736	Pass Abel, Barataria Bay		29° 17.7'	89° 54.2'	+0 53	+1 00	+0 13	–0 03	0.6	1.1	– –	– –	0.9	317°	– –	– –	1.6	143°
8741	Barataria Pass, Barataria Bay		29° 16.3'	89° 56.9'	+2 29	+1 23	+1 01	+0 19	1.1	0.9	– –	– –	1.5	315°	– –	– –	1.3	120°
8746	Barataria Bay, 1.1 mi. NE of Manilla		29° 26.2'	89° 57.6'	+4 41	+3 35	+3 10	+4 12	0.3	0.3	– –	– –	0.4	356°	– –	– –	0.5	160°
8751	Caminada Pass, Barataria Bay		29° 11.9'	90° 02.8'	+1 44	+0 03	+0 56	+0 38	1.1	1.0	– –	– –	1.5	297°	– –	– –	1.5	118°
8756	Seabrook Bridge, New Orleans <1>		30° 01.9'	90° 02.1'	– – –	+7 37	– – –	+7 57	0.9	0.6	– –	– –	1.2	350°	– –	– –	0.9	170°
					on Galveston Bay Entrance, p.116													
8761	Cat Island Pass, Terrebonne Bay	6	29° 04.8'	90° 34.4'	–2 32	–1 57	–1 05	–2 59	0.8	1.2	– –	– –	1.1	013°	– –	– –	1.5	195°
8766	Wine Island Pass		29° 04.2'	90° 38.0'	–4 33	–5 03	–3 38	–4 17	1.2	1.5	– –	– –	1.7	325°	– –	– –	1.9	160°
8771	Caillou Boca, Caillou Bay	4	29° 03.5'	90° 48.5'	–0 33	–0 41	+2 59	–0 05	0.9	0.6	– –	– –	1.3	095°	– –	– –	0.7	264°
8776	Calcasieu Pass		29° 46.4'	93° 20.7'	–0 02	–0 42	+1 16	–0 55	1.2	1.8	– –	– –	1.7	020°	– –	– –	2.3	205°
8781	Calcasieu Pass, 35 miles south of		29° 10.15'	93° 19.23'	Current weak and variable													
8786	Calcasieu Pass, 67 miles south of <41>		28° 39.80'	93° 19.95'	Current weak and variable													
	TEXAS																	
	Sabine Pass																	
8791	Texas Point, 1.7 miles SSE of		29° 39.0'	93° 49.6'	+0 02	–0 33	–1 11	–0 32	0.8	1.3	– –	– –	1.1	335°	– –	– –	1.6	145°
8796	Sabine, channel east of		29° 43.3'	93° 51.7'	+0 01	–0 01	–1 11	–0 07	1.1	1.4	– –	– –	1.6	335°	– –	– –	1.7	140°
8801	Port Arthur Canal entrance		29° 45.6'	93° 54.1'	+1 09	+1 35	–0 11	+1 01	0.6	1.1	– –	– –	0.9	310°	– –	– –	1.3	110°
8806	Mesquite Pt., La. Causeway bridge		29° 45.95'	93° 53.70'	–0 05	–0 21	–1 16	–0 46	1.1	1.8	– –	– –	1.6	330°	– –	– –	2.2	150°
8811	GALVESTON BAY ENT. (between jetties)	15d	29° 20.92'	94° 42.85'	*Daily predictions*						– –	– –	1.4	277°	0.1	004°	1.2	088°
	. . . do.	5d	29° 20.92'	94° 42.85'	+0 17	+0 15	+0 02	+0 05	1.0	1.1	0.1	179°	1.4	272°	– –	– –	1.3	091°
	. . . do.	34d	29° 20.92'	94° 42.85'	–0 18	–0 01	–0 03	–0 13	0.8	0.9	0.1	188°	1.1	274°	– –	– –	1.1	094°
	GALVESTON BAY				**on Bolivar Roads, p.120**													
8816	BOLIVAR ROADS	14d	29° 20.60'	94° 46.88'	*Daily predictions*						0.1	210°	1.6	296°	0.1	210°	1.3	123°
	. . . do.	8d	29° 20.60'	94° 46.88'	+0 09	+0 07	–0 16	–0 01	1.0	1.1	0.1	213°	1.6	295°	– –	– –	1.5	125°
	. . . do.	31d	29° 20.60'	94° 46.88'	–0 32	–0 11	+0 17	–0 08	0.8	0.6	– –	– –	1.2	306°	0.1	033°	1.0	115°
8821	Quarantine Station, 0.3 mile S of <24>		29° 19.8'	94° 46.7'	– – –	+2 16	– – –	–1 53	0.7	0.6	– –	– –	1.1	196°	– –	– –	0.8	009°
8826	Galveston Channel, west end <24>		29° 18.6'	94° 49.2'	–0 30	–0 54	–2 30	–1 11	1.0	1.2	– –	– –	1.6	272°	– –	– –	1.6	103°
8831	Galveston Causeway RR. bridge <61>		29° 17.80'	94° 53.13'	–0 33	–0 54	– – –	–1 41	0.5	0.8	– –	– –	0.7	212°	– –	– –	1.0	026°
8836	Houston Channel, W of Port Bolivar	3d	29° 21.88'	94° 47.80'	–0 05	–0 18	–2 14	–1 41	1.1	1.0	– –	– –	1.7	313°	0.1	052°	1.3	135°
	. . . do.	14d	29° 21.88'	94° 47.80'	–0 03	–0 11	–2 15	–1 55	1.0	0.9	– –	– –	1.5	312°	– –	– –	1.2	133°
	. . . do.	26d	29° 21.88'	94° 47.80'	–0 06	–0 14	–2 12	–1 41	0.9	0.8	– –	– –	1.4	312°	– –	– –	1.0	133°
8841	Houston Ship Channel (Red Fish Bar)	7d	29° 30.44'	94° 52.48'	+0 41	+1 13	+1 13	+0 50	0.5	0 5	0.1	069°	0.7	341°	– –	– –	0.7	154°
	. . . do.	14d	29° 30.44'	94° 52.48'	+0 45	+1 28	+1 17	+1 10	0.7	0.7	0.1	064°	1.0	331°	– –	– –	0.9	148°
	. . . do.	24d	29° 30.44'	94° 52.48'	+0 48	+1 15	+1 20	+1 42	0.5	0.5	0.1	065°	0.8	323°	– –	– –	0.7	144°
8846	Morgans Point	6d	29° 40.79'	94° 58.90'	+2 15	+1 43	–1 05	+1 16	0.3	0.5	– –	– –	0.5	336°	– –	– –	0.7	163°
	. . . do.	15d	29° 40.79'	94° 58.90'	+1 44	+1 23	–0 50	+1 11	0.3	0.4	– –	– –	0.5	341°	– –	– –	0.5	159°
	. . . do.	25d	29° 40.79'	94° 58.90'	+0 47	+0 58	–1 02	+1 20	0.2	0.3	– –	– –	0.4	340°	– –	– –	0.4	160°

Endnotes can be found at the end of table 2.

TABLE 2 – CURRENT DIFFERENCES AND OTHER CONSTANTS

No.	PLACE	Meter Depth	POSITION		TIME DIFFERENCES				SPEED RATIOS		AVERAGE SPEEDS AND DIRECTIONS							
			Latitude	Longitude	Min. before Flood	Flood	Min. before Ebb	Ebb	Flood	Ebb	Minimum before Flood		Maximum Flood		Minimum before Ebb		Maximum Ebb	
		ft	**North**	**West**	h m	h m	h m	h m			knots	Dir.	knots	Dir.	knots	Dir.	knots	Dir.
	TEXAS COAST Time meridian, 90° W				**on Galveston Bay Entrance, p.116**													
8851	Matagorda Channel (entrance jetty)	15	28° 25.3’	96° 19.4’	–0 40	–0 27	–1 14	–1 25	1.4	1.5	– –	– –	2.0	317°	– –	– –	1.9	142°
					on Aransas Pass, p.124													
8856	Aransas Pass	15d	27° 50.03’	97° 02.65’	0 00	0 00	0 00	0 00	1.1	1.5	– –	– –	1.9	300°	– –	– –	2.0	118°
	. . . do.	35d	27° 50.03’	97° 02.65’		*Daily predictions*					– –	– –	1.6	300°	– –	– –	1.5	118°
	. . . do.	50d	27° 50.03’	97° 02.65’	0 00	0 00	0 00	0 00	0.9	0.8	– –	– –	1.0	300°	– –	– –	0.7	118°
8861	Port Ingleside	5d	27° 48.90’	97° 13.80’	+0 24	+1 48	+2 11	+1 09	0.7	0.5	– –	– –	0.7	286°	– –	– –	0.5	102°
8866	Sabine Bank <46>		29° 18.20’	94° 00.20’	– – –	– – –	– – –	– – –	– –	– –	– –	– –	– –	– –	– –	– –	– –	– –
8871	Heald Bank, 28 miles SSE of <46>		28° 40.17’	93° 59.60’	– – –	– – –	– – –	– – –	– –	– –	– –	– –	– –	– –	– –	– –	– –	– –
	PUERTO RICO Time meridian, 60° W				**on Vieques Passage, p.128**													
8876	Las Mareas		17° 55.41’	66° 09.70’	Current weak and variable						– –	– –	0.3	256°	– –	– –	0.4	095°
8881	Punta Ostiones, 1.5 miles west of		18° 05.2’	67° 13.6’	–0 26	–0 52	–0 04	–0 35	1.7	1.3	– –	– –	1.0	187°	– –	– –	0.9	001°
8886	VIEQUES PASSAGE		18° 11.3’	65° 37.1’		*Daily predictions*					– –	– –	0.6	250°	– –	– –	0.7	057°
8891	Vieques Sound		18° 15.87’	65° 34.20’	–0 44	–1 16	–1 28	–1 05	0.7	0.9	– –	– –	0.4	180°	– –	– –	0.6	355°
8896	Largo Shoals, west of		18° 19’	65° 35’	–0 52	–1 28	–1 33	–1 08	0.7	1.0	– –	– –	0.4	186°	– –	– –	0.7	330°
8901	Ramos Cay, 0.3 mile SE of <1>		18° 18.6’	65° 36.4’	– – –	–0 42	– – –	–0 44	0.3	0.1	– –	– –	0.2	120°	– –	– –	0.1	284°
8906	Palominos Island, 0.9 mile SW of <13>		18° 20.1’	65° 34.8’	– – –	– – –	– – –	–0 48	– –	0.7	– –	– –	– –	– –	– –	– –	0.5	307°
8911	Fajardo Harbor (channel)		18° 20’	65° 37’	–1 13	–1 52	–2 27	–1 45	0.5	1.6	– –	– –	0.3	162°	– –	– –	1.1	339°
8916	Isla Marina, 0.2 mile west of <1> <13>		18° 20.50’	65° 37.38’	– – –	– – –	– – –	–2 06	– –	1.0	– –	– –	– –	– –	– –	– –	0.7	335°
8921	Coronala Laja, 0.4 mile NW of <1> <13>		18° 21.6’	65° 37.3’	– – –	– – –	– – –	–1 33	– –	0.4	– –	– –	– –	– –	– –	– –	0.3	000°
8926	Pasaje de San Juan <1> <13>		18° 23.9’	65° 36.9’	– – –	– – –	– – –	–1 15	– –	1.7	– –	– –	– –	– –	– –	– –	1.2	310°
8931	Bahia de San Juan		18° 27.23’	66° 06.6’	Current weak and variable													
8936	Bahia de San Juan entrance <42>		18° 28.3’	66° 07.6’	– – –	– – –	– – –	– – –	– –	– –	– –	– –	– –	– –	– –	– –	– –	– –

Endnotes can be found at the end of table 2.