

Cristóbal, Mar Caribe 2018

Horas y Niveles de Mareas Altas y Bajas

Enero				Febrero				Marzo																										
Hora	Nivel			Hora	Nivel			Hora	Nivel			Hora	Nivel																					
	h	m	pies	cm		h	m	pies	cm		h	m	pies	cm		h	m	pies	cm															
1 Lun	314	0.0	0		16 Mar	1156	1.1	34		1 Jue	153	0.2	6		16 Vie	1247	0.8	24		1 Jue	1	0.3	9		16 Vie	15	0.3	9						
	1125	1.5	46			2105	-0.2	-6			538	0.1	3			2106	-0.1	-3			442	0.0	0			423	0.2	6						
	1939	-0.3	-9								1258	1.2	37								1144	1.0	30			1130	0.7	21						
2 Mar	118	0.1	3		17 Mié	1233	1.0	30		2 Vie	301	0.4	12		17 Sáb	1336	0.7	21		2 Vie	110	0.4	12		17 Sáb	102	0.3	9		17 Sáb	556	0.2	6	
	410	0.0	0			2140	-0.2	-6			712	0.2	6			2126	-0.1	-3			609	0.1	3			1228	0.6	18						
	1219	1.5	46								1359	1.0	30								1248	0.8	24			1924	0.0	0						
	2030	-0.4	-12								2126	-0.3	-9								1954	-0.2	-6											
3 Mié	241	0.2	6		18 Jue	1312	1.0	30		3 Sáb	359	0.5	15		18 Dom	409	0.4	12		3 Sáb	213	0.5	15		18 Dom	145	0.4	12		18 Dom	736	0.1	3	
	524	0.1	3			2207	-0.2	-6			849	0.2	6			817	0.3	9			1743	0.1	3			1336	0.5	15						
	1315	1.4	43								1501	0.9	27			1430	0.6	18			1357	0.7	21			1950	0.1	3						
	2117	-0.4	-12								2208	-0.3	-9			2142	0.0	0			2040	-0.1	-3											
4 Jue	347	0.3	9		19 Vie	1352	0.9	27		4 Dom	449	0.7	21		19 Lun	425	0.5	15		4 Dom	310	0.6	18		19 Lun	225	0.6	18		19 Lun	903	0.1	3	
	656	0.2	6			2227	-0.2	-6			1019	0.2	6			955	0.2	6			913	0.0	0			1448	0.4	12						
	1413	1.3	40								1604	0.7	21			1527	0.5	15			1508	0.6	18			2018	0.1	3						
	2201	-0.4	-12								2247	-0.3	-9			2159	0.0	0			2124	-0.1	-3											
5 Vie	441	0.5	15		20 Sáb	1435	0.9	27		5 Lun	535	0.8	24		20 Mar	449	0.7	21		5 Lun	401	0.7	21		20 Mar	305	0.7	21		20 Mar	1012	0.0	0	
	832	0.3	9			2243	-0.2	-6			1138	0.1	3			1109	0.1	3			1030	0.0	0			1554	0.3	9						
	1510	1.2	37								1705	0.6	18			1623	0.4	12			1616	0.5	15			2050	0.1	3						
	2243	-0.4	-12								2323	-0.2	-6			2221	-0.1	-3			2205	-0.1	-3											
6 Sáb	529	0.6	18		21 Dom	605	0.5	15		6 Mar	617	0.9	27		21 Mié	520	0.8	24		6 Mar	447	0.8	24		21 Mié	347	0.8	24		21 Mié	1108	-0.2	-6	
	1005	0.3	9			909	0.4	12			1248	0.0	0			1211	0.0	0			1136	-0.1	-3			1652	0.3	9						
	1608	1.0	30			1520	0.8	24			1804	0.5	15			1718	0.4	12			1718	0.4	12			2127	0.0	0						
	2322	-0.4	-12			2256	-0.1	-3			2357	-0.2	-6			2247	-0.1	-3			2243	0.0	0											
7 Dom	613	0.8	24		22 Lun	601	0.6	18		7 Mié	657	1.0	30		22 Jue	556	1.0	30		7 Mié	530	0.9	27		22 Jue	430	1.0	30		22 Jue	1158	-0.2	-6	
	1132	0.3	9			1050	0.4	12			1351	0.0	0			1306	-0.1	-3			1232	-0.2	-6			1743	0.3	9						
	1705	0.9	27			1608	0.6	18			1900	0.4	12			1810	0.3	9			1814	0.4	12			2209	0.0	0						
	2358	-0.3	-9			2311	-0.1	-3								2320	-0.1	-3			2319	0.0	0											
8 Lun	655	0.9	27		23 Mar	616	0.7	21		8 Jue	27	-0.1	-3		23 Vie	637	1.1	34		8 Jue	610	0.9	27		23 Vie	515	1.1	34		23 Vie	1244	-0.3	-9	
	1252	0.2	6			1209	0.3	9			736	1.0	30			1357	-0.2	-6			1322	-0.2	-6			1830	0.3	9						
	1802	0.7	21			1658	0.5	15			1449	-0.1	-3			1902	0.2	6			1903	0.3	9			2256	0.0	0						
						2329	-0.1	-3			1954	0.3	9			2359	-0.1	-3			2352	0.0	0											
9 Mar	31	-0.2	-6		24 Mié	641	0.9	27		9 Vie	55	-0.1	-3		24 Sáb	720	1.2	37		9 Vie	648	1.0	30		24 Sáb	602	1.1	34		24 Sáb	1330	-0.3	-9	
	736	1.0	30			1317	0.2	6			813	1.1	34			1448	-0.2	-6			1407	-0.2	-6			1915	0.3	9						
	1406	0.1	3			1751	0.4	12			1544	-0.1	-3			1955	0.2	6			1948	0.3	9			2347	0.0	0						
	1900	0.5	15			2352	-0.2	-6			2047	0.2	6																					
10 Mié	102	-0.2	-6		25 Jue	713	1.1	34		10 Sáb	119	0.0	0		25 Dom	42	-0.2	-6		10 Sáb	23	0.0	0		25 Dom	651	1.2	37		25 Dom	1415	-0.4	-12	
	815	1.1	34			1419	0.1	3			850	1.1	34			807	1.2	37			725	1.0	30			2002	0.3	9						
	1517	0.1	3			1847	0.3	9			1637	-0.1	-3			1539	-0.3	-9			1451	-0.2	-6											
	1959	0.4	12								2140	0.2	6			2050	0.2	6			2029	0.3	9											
11 Jue	128	-0.1	-3		26 Vie	21	-0.2	-6		11 Dom	138	0.0	0		26 Lun	131	-0.1	-3		11 Dom	52	0.0	0		26 Lun	41	-0.1	-3		26 Lun	740	1.1	34	
	853	1.1	34			751	1.2	37			926	1.0	30			856	1.3	40			802	0.9	27			1500	-0.3	-9						
	1624	0.0	0			1518	0.0	0			1731	-0.1	-3			1630	-0.3	-9			1534	-0.2	-6			2051	0.3	9						
	2102	0.3	9			1946	0.2	6			2239	0.1	3			2149	0.2	6			2109	0.2	6											
12 Vie	149	0.0	0		27 Sáb	55	-0.2	-6		12 Lun	153	0.0	0		27 Mar	225	-0.1	-3		12 Lun	121	0.1	3		27 Mar	140	0.0	0		27 Mar	832	1.1	34	
	930	1.2	37			834	1.3	40			1003	1.0	30			949	1.2	37			839	0.9	27			1546	-0.3	-9						
	1729	0.0	0			1615	-0.1	-3			1826	-0.1	-3			1722	-0.3	-9			1617	-0.1	-3			2142	0.4	12						
	2214	0.2	6			2049	0.2	6			2354	0.1	3			2253	0.2	6			2151	0.2	6											
13 Sáb	201	0.0	0		28 Dom	134	-0.2	-6		13 Mar	157	0.0	0		28 Mié	328	-0.1	-3		13 Mar	152	0.1	3		28 Mié	244	0.0	0		28 Mié	927	0.9	27	
	1007	1.2	37			921	1.4	43			1041	1.0	30			1044	1.1	34			917	0.9	27			1632	-0.2	-6						
	1831	-0.1	-3			1712	-0.2	-6			1917	-0.1	-3			1814	-0.2	-6			1701	-0.1	-3			2237	0.5	15						
	2349	0.1	3			2159	0.1	3													2236	0.2	6											
14 Dom	153	0.0	0		29 Lun	220	-0.1	-3		14 Mié	1120	0.9	27		14 Mié	228	0.1	3		14 Mié	228	0.1	3		29 Jue	358	0.0	0		29 Jue	1027	0.8	24	
	1043	1.1	34			1011	1.4	43			2003	-0.1	-3			956	0.8	24			1742	-0.1	-3			1718	-0.2	-6						
	1930	-0.1	-3			1808	-0.3	-9								1742	-0.1	-3			2324	0.2	6			2335	0.5	15						
						2315	0.1	3																										
15 Lun	1119	1.1	34		30 Mar	313	-0.1	-3		15 Jue	1201	0.9	27		15 Jue	315	0.1	3		15 Jue	1040	0.7	21		30 Vie	522	0.0	0		30 Vie	1134	0.7	21	
	2021	-0.2	-6			1104	1.4	43			2039	-0.1	-3			1040	0.7	21			1804	-0.1	-3			1804	-0.1	-3						

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Horas y Niveles de Mareas Altas y Bajas

Abril				Mayo				Junio																					
Hora		Nivel		Hora		Nivel		Hora		Nivel		Hora		Nivel															
	h	m	pies	cm		h	m	pies	cm		h	m	pies	cm		h	m	pies	cm										
1 Dom	128	0.7	21		16 Lun	34	0.7	21		1 Mar	134	1.0	30		16 Mié	41	1.2	37		1 Vie	212	1.0	30		16 Sáb	201	1.3	40	
	818	-0.1	-3			808	0.0	0			939	-0.3	-9			900	-0.3	-9			1049	-0.4	-12			1005	-0.5	-15	
	1414	0.4	12			1348	0.2	6			1638	0.3	9													1646	0.3	9	
	1937	0.0	0			1757	0.1	3			1838	0.2	6													1943	0.2	6	
2 Lun	221	0.8	24		17 Mar	121	0.9	27		2 Mié	218	1.0	30		17 Jue	133	1.2	37		2 Sáb	251	1.0	30		17 Dom	257	1.3	40	
	932	-0.1	-3			912	-0.2	-6			1027	-0.3	-9			947	-0.4	-12			1118	-0.3	-9			1046	-0.5	-15	
	1535	0.4	12			1514	0.2	6								1630	0.2	6								1730	0.4	12	
	2023	0.1	3			1840	0.1	3								1830	0.1	3								2117	0.2	6	
3 Mar	309	0.9	27		18 Mié	210	1.0	30		3 Jue	301	1.0	30		18 Vie	226	1.3	40		3 Dom	328	0.9	27		18 Lun	352	1.1	34	
	1033	-0.2	-6			1006	-0.3	-9			1107	-0.3	-9			1031	-0.5	-15			1144	-0.3	-9			1125	-0.5	-15	
	1645	0.3	9			1622	0.2	6								1712	0.3	9								1812	0.6	18	
	2108	0.1	3			1934	0.1	3								1957	0.2	6								2246	0.2	6	
4 Mié	354	0.9	27		19 Jue	300	1.1	34		4 Vie	341	0.9	27		19 Sáb	320	1.2	37		4 Lun	405	0.9	27		19 Mar	448	1.0	30	
	1124	-0.3	-9			1053	-0.4	-12			1143	-0.3	-9			1113	-0.5	-15			1208	-0.3	-9			1203	-0.5	-15	
	1742	0.3	9			1713	0.2	6			1857	0.3	9			1752	0.3	9			1935	0.4	12			1854	0.7	21	
	2150	0.2	6			2035	0.1	3			2119	0.2	6			2120	0.2	6			2227	0.3	9						

recopilado por: EAAR-HM

Luna Nueva
 Cuarto Creciente
 Luna Llena
 Cuarto Menguante

Cristóbal, Mar Caribe 2018

Horas y Niveles de Mareas Altas y Bajas

Julio				Agosto				Septiembre										
Hora		Nivel		Hora		Nivel		Hora		Nivel		Hora		Nivel				
	h	m	pies	cm		h	m	pies	cm		h	m	pies	cm				
1 Dom	210	1.0	30		16 Lun	241	1.1	34		1 Mié	310	0.7	21					
	1052	-0.3	-9			1014	-0.4	-12			1044	-0.1	-3		16 Jue	446	0.7	21
2 Lun	248	0.9	27		17 Mar	1654	0.6	18		2 Jue	1748	0.6	18		17 Vie	1056	-0.1	-3
	1113	-0.3	-9			2130	0.2	6			2244	0.4	12			1745	1.0	30
						340	1.0	30			358	0.6	18			20	0.0	0
3 Mar	1130	-0.2	-6		18 Mié	1053	-0.4	-12		3 Vie	1057	-0.1	-3		18 Sáb	548	0.6	18
	1859	0.5	15			1740	0.7	21			1800	0.7	21			1134	-0.1	-3
	2220	0.4	12			2300	0.2	6			2358	0.3	9			1829	1.1	34
4 Mié	407	0.7	21		19 Jue	440	0.8	24		4 Sáb	1112	-0.1	-3		19 Dom	123	0.0	0
	1145	-0.2	-6			1131	-0.3	-9			1123	0.5	15			647	0.5	15
	1900	0.6	18			1824	0.9	27			1823	0.9	27			1210	0.0	0
5 Jue	450	0.6	18		20 Vie	21	0.1	3		5 Dom	1911	1.1	34		20 Lun	1911	1.1	34
	1200	-0.2	-6			541	0.7	21			630	0.3	9			315	-0.1	-3
	1914	0.7	21			1207	-0.3	-9			1159	-0.1	-3			836	0.3	9
6 Vie	103	0.3	9		21 Sáb	1907	1.0	30		6 Lun	1928	1.2	37		21 Mar	1312	0.1	3
	536	0.5	15			136	0.1	3			1928	1.2	37			2031	1.2	37
	1217	-0.2	-6			641	0.5	15			252	0.0	0			408	-0.1	-3
7 Sáb	1937	0.9	27		22 Dom	1311	-0.1	-3		7 Mar	2008	1.3	40		22 Mié	928	0.3	9
	212	0.2	6			2029	1.2	37			1231	-0.1	-3			1339	0.1	3
	625	0.4	12			352	-0.1	-3			2008	1.3	40			2110	1.1	34
8 Dom	1236	-0.2	-6		23 Lun	845	0.3	9		8 Mié	2141	1.4	43		23 Jue	501	0.0	0
	2006	1.0	30			1338	-0.1	-3			2141	1.4	43			1023	0.2	6
						2109	1.2	37			2141	1.4	43			1401	0.1	3
9 Lun	318	0.1	3		24 Mar	1310	-0.1	-3		9 Jue	2053	1.4	43		24 Vie	2149	1.1	34
	721	0.3	9			456	-0.1	-3			532	-0.2	-6			554	0.0	0
	1300	-0.2	-6			952	0.2	6			1030	0.2	6			1125	0.2	6
10 Mar	2041	1.2	37		25 Mié	1358	0.0	0		10 Vie	2141	1.4	43		25 Sáb	1419	0.1	3
	420	0.0	0			2149	1.2	37			1447	-0.1	-3			2227	1.0	30
	824	0.2	6			558	-0.1	-3			2233	1.4	43			646	0.0	0
11 Mié	1328	-0.2	-6		26 Jue	1409	0.0	0		11 Sáb	2141	1.4	43		26 Dom	2307	1.0	30
	2122	1.3	40			2227	1.2	37			625	-0.2	-6			733	0.0	0
						658	-0.1	-3			1145	0.2	6			2350	0.9	27
12 Jue	520	-0.1	-3		27 Vie	2306	1.1	34		12 Dom	2328	1.3	40		27 Lun	2227	1.0	30
	936	0.1	3			753	-0.2	-6			716	-0.2	-6			813	0.0	0
	1403	-0.1	-3			2344	1.1	34			1302	0.3	9			844	0.1	3
13 Vie	2207	1.4	43		28 Sáb	1707	0.1	3		13 Lun	1707	0.1	3		28 Mar	1534	0.4	12
	617	-0.2	-6			842	-0.2	-6			1839	0.2	6			1821	0.3	9
	1058	0.0	0			22	1.0	30			129	1.1	34			907	0.1	3
14 Sáb	1445	-0.1	-3		29 Dom	2016	0.2	6		14 Mar	2016	0.2	6		29 Mié	1545	0.5	15
	2256	1.4	43			101	1.0	30			851	-0.2	-6			2021	0.4	12
						951	-0.1	-3			1515	0.6	18			2203	0.0	0
15 Dom	711	-0.3	-9		30 Lun	234	0.9	27		15 Mié	234	0.9	27		30 Jue	128	0.7	21
	1227	0.1	3			935	-0.2	-6			340	0.8	24			128	0.7	21
	1537	0.0	0			1610	0.7	21			1017	-0.2	-6			907	0.1	3
16 Jue	2349	1.4	43		31 Mar	2149	0.2	6		16 Vie	2149	0.2	6		31 Vie	1603	0.6	18
	801	-0.4	-12			142	0.9	27			1659	0.9	27			2151	0.3	9
	1353	0.1	3			1013	-0.1	-3			2310	0.1	3			323	0.6	18
17 Vie	1645	0.0	0		31 Mar	225	0.8	24		17 Vie	2310	0.1	3		31 Vie	939	0.1	3
						1030	-0.1	-3			419	0.5	15			1627	0.7	21
						1751	0.5	15			958	0.1	3			2300	0.2	6
18 Sáb	44	1.4	43		31 Mar	2107	0.4	12		18 Sáb	2356	0.1	3		18 Sáb	602	0.5	15
	848	-0.4	-12			1030	-0.1	-3			419	0.5	15			1057	0.2	6
	1505	0.2	6			1751	0.5	15			958	0.1	3			1743	1.1	34
19 Vie	1814	0.1	3		31 Mar	2107	0.4	12		19 Vie	2356	0.1	3		19 Vie	502	0.6	18
						1030	-0.1	-3			419	0.5	15			1016	0.1	3
						1751	0.5	15			958	0.1	3			1659	1.1	34
20 Sáb	44	1.4	43		31 Mar	2107	0.4	12		20 Sáb	2356	0.1	3		20 Sáb	502	0.6	18
	848	-0.4	-12			1030	-0.1	-3			419	0.5	15			1016	0.1	3
	1505	0.2	6			1751	0.5	15			958	0.1	3			1659	1.1	34
21 Vie	1814	0.1	3		31 Mar	2107	0.4	12		21 Vie	2356	0.1	3		21 Vie	502	0.6	18
						1030	-0.1	-3			419	0.5	15			1016	0.1	3
						1751	0.5	15			958	0.1	3			1659	1.1	34
22 Sáb	44	1.4	43		31 Mar	2107	0.4	12		22 Sáb	2356	0.1	3		22 Sáb	502	0.6	18
	848	-0.4	-12			1030	-0.1	-3			419	0.5	15			1016	0.1	3
	1505	0.2	6			1751	0.5	15			958	0.1	3			1659	1.1	34
23 Vie	1814	0.1	3		31 Mar	2107	0.4	12		23 Vie	2356	0.1	3		23 Vie	502	0.6	18
						1030	-0.1	-3			419	0.5	15			1016	0.1	3
						1751	0.5	15			958	0.1	3			1659	1.1	34
24 Sáb	44	1.4	43		31 Mar	2107	0.4	12		24 Sáb	2356	0.1	3		24 Sáb	502	0.6	18
	848	-0.4	-12			1030	-0.1	-3			419	0.5	15			1016	0.1	3
	1505	0.2	6			1751	0.5	15			958	0.1	3			1659	1.1	34
25 Vie	1814	0.1	3		31 Mar	2107	0.4	12		25 Vie	2356	0.1	3		25 Vie	502	0.6	18
						1030	-0.1	-3			419	0.5	15			1016	0.1	3
						1751	0.5	15			958	0.1	3			1659	1.1	34
26 Sáb	44	1.4	43		31 Mar	2107	0.4	12		26 Sáb	2356	0.1	3		26 Sáb	502	0.6	18
	848	-0.4	-12			1030	-0.1	-3			419	0.5	15			1016	0.1	3
	1505	0.2	6			1751	0.5	15			958	0.1	3			1659	1.1	34
27 Vie	1814	0.1	3		31 Mar	2107	0.4	12		27 Vie	2356	0.1	3		27 Vie	502	0.6	18
						1030	-0.1	-3			419	0.5	15			1016	0.1	3
						1751	0.5	15			958	0.1	3			1659	1.1	34
28 Sáb	44	1.4	43		31 Mar	2107	0.4	12		28 Sáb	2356	0.1	3		28 Sáb	502	0.6	18
	848	-0.4	-12			1030	-0.1	-3			419	0.5	15			1016	0.1	3
	1505	0.2	6			1751	0.5	15			958	0.1	3			1659	1.1	34
29 Dom	1814	0.1	3		31 Mar	2107	0.4											

Cristóbal, Mar Caribe 2018

Horas y Niveles de Mareas Altas y Bajas

Octubre				Noviembre				Diciembre															
Hora	Nivel			Hora	Nivel			Hora	Nivel			Hora	Nivel										
1 Lun	h	m	pies	16 Mar	h	m	pies	1 Jue	h	m	pies	16 Vie	h	m	pies	1 Sáb	h	m	pies	16 Dom	h	m	pies
	23	-0.1	-3		106	-0.1	-3		113	-0.2	-6		122	-0.1	-3		116	-0.2	-6		52	-0.1	-3
	618	0.4	12		737	0.6	18		739	0.7	21		821	0.7	21		810	1.0	30		809	0.9	27
	1022	0.2	6		1140	0.4	12		1219	0.3	9		1257	0.5	15		1400	0.3	9		1408	0.4	12
1730	1.3	40	1813	1.1	34	1840	1.2	37	1833	0.9	27	1918	0.8	24	1831	0.6	18						
2 Mar	104	-0.2	-6	17 Mié	142	-0.1	-3	2 Vie	150	-0.2	-6	17 Sáb	145	0.0	0	2 Dom	150	-0.2	-6	17 Lun	109	-0.1	-3
	657	0.5	15		810	0.6	18		821	0.8	24		846	0.8	24		852	1.1	34		833	1.0	30
	1114	0.2	6		1223	0.4	12		1332	0.3	9		1402	0.5	15		1521	0.2	6		1520	0.3	9
	1817	1.3	40		1851	1.0	30		1934	1.0	30		1913	0.8	24		2020	0.6	18		1919	0.5	15
3 Mié	145	-0.2	-6	18 Jue	214	0.0	0	3 Sáb	227	-0.1	-3	18 Dom	206	0.0	0	3 Lun	222	-0.1	-3	18 Mar	126	0.0	0
	739	0.5	15		842	0.6	18		905	0.9	27		912	0.9	27		935	1.2	37		902	1.1	34
	1210	0.2	6		1307	0.4	12		1449	0.3	9		1513	0.4	12		1643	0.1	3		1630	0.2	6
	1906	1.3	40		1929	1.0	30		2031	0.9	27		1957	0.6	18		2131	0.4	12		2017	0.3	9

recopilado por: EAAR-HM



Luna Nueva



Cuarto Creciente



Luna Llena



Cuarto Menguante