

Cristóbal, Mar Caribe año 2016

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 Vie	4	-0.2	-6		16 Sáb	627	1.0	30		1 Lun	2	-0.1	-3		16 Mar	19	-0.2	-6		1 Mié	7	-0.1	-3					
	713	0.8	24			1244	0.1	3			720	0.9	27			726	1.2	37			1344	-0.1	-3		657	1.1	34	
	1300	0.4	12			1747	0.6	18			1429	0.1	3			1441	-0.2	-6			1900	0.3	9		1411	-0.4	-12	
	1745	0.6	18								1903	0.3	9			2000	0.3	9			2344	0.0	0		2003	0.4	12	
2 Sáb	26	-0.1	-3		17 Dom	0	-0.2	-6		2 Mar	23	0.0	0		17 Mié	102	-0.1	-3		2 Jue	659	0.9	27		17 Jue	57	-0.1	-3
	740	0.9	27			708	1.1	34			750	1.0	30			814	1.2	37			1424	-0.1	-3			747	1.1	34
	1404	0.3	9			1355	0.0	0			1518	0.0	0			1537	-0.2	-6			1937	0.2	6			1501	-0.3	-9
	1829	0.5	15			1848	0.4	12			1947	0.2	6			2058	0.3	9								2054	0.4	12
3 Dom	46	-0.1	-3		18 Lun	36	-0.2	-6		3 Mié	44	0.0	0		18 Jue	145	-0.1	-3		3 Jue	14	0.0	0		18 Vie	147	0.0	0
	808	1.0	30			752	1.2	37			822	1.0	30			902	1.2	37			735	1.0	30			836	1.0	30
	1506	0.2	6			1501	-0.1	-3			1606	0.0	0			1634	-0.2	-6			1505	-0.1	-3			1549	-0.2	-6
	1915	0.4	12			1951	0.3	9			2034	0.2	6			2158	0.2	6			2015	0.2	6			2145	0.4	12
4 Lun	103	0.0	0		19 Mar	112	-0.2	-6		4 Jue	108	0.0	0		19 Vie	229	0.0	0		4 Vie	50	0.0	0		19 Sáb	240	0.0	0
	837	1.0	30			837	1.3	40			858	1.1	34			951	1.1	34			813	1.0	30			925	0.9	27
	1606	0.2	6			1605	-0.1	-3			1655	-0.1	-3			1730	-0.2	-6			1545	-0.1	-3			1637	-0.2	-6
	2006	0.3	9			2057	0.2	6			2124	0.1	3			2302	0.2	6			2056	0.2	6			2237	0.4	12
5 Mar	119	0.0	0		20 Mié	150	-0.1	-3		5 Vie	135	0.0	0		20 Sáb	317	0.0	0		5 Sáb	132	0.0	0		20 Dom	337	0.1	3
	907	1.1	34			1724	1.3	40			936	1.1	34			1041	1.0	30			855	1.0	30			1017	0.8	24
	1704	0.1	3			1907	-0.2	-6			1743	-0.1	-3			1825	-0.2	-6			1625	-0.1	-3			1723	-0.1	-3
	2103	0.2	6			2207	0.2	6			2223	0.1	3								2144	0.2	6			2330	0.4	12
6 Mié	133	0.0	0		21 Jue	229	-0.1	-3		6 Sáb	209	0.0	0		21 Dom	11	0.2	6		6 Dom	224	0.0	0		21 Lun	443	0.1	3
	940	1.1	34			1012	1.3	40			1018	1.1	34			410	0.1	3			942	1.0	30			1112	0.6	18
	1802	0.0	0			1808	-0.2	-6			1828	-0.1	-3			1132	0.9	27			1706	-0.1	-3			1807	0.0	0
	2212	0.1	3			2325	0.2	6			2330	0.1	3			1917	-0.1	-3			2239	0.3	9					
7 Jue	143	0.0	0		22 Vie	310	0.0	0		7 Dom	255	0.0	0		22 Lun	122	0.3	9		7 Lun	328	0.0	0		22 Mar	23	0.4	12
	1015	1.2	37			1101	1.3	40			1103	1.1	34			516	0.2	6			1033	0.9	27			600	0.1	3
	1855	-0.1	-3			1906	-0.2	-6			1910	-0.2	-6			1225	0.8	24			1748	-0.1	-3			1213	0.5	15
	2344	0.1	3													2004	-0.1	-3			2339	0.4	12			1848	0.1	3
8 Vie	146	0.0	0		23 Sáb	51	0.2	6		8 Lun	43	0.2	6		23 Mar	226	0.3	9		8 Mar	447	0.0	0		23 Mié	113	0.5	15
	1053	1.2	37			354	0.1	3			401	0.1	3			638	0.2	6			1131	0.8	24			725	0.1	3
	1942	-0.1	-3			1151	1.2	37			1153	1.0	30			1321	0.7	21			1831	-0.1	-3			1324	0.4	12
						2000	-0.2	-6			1949	-0.2	-6			2045	-0.1	-3								1925	0.1	3
9 Sáb	1134	1.2	37		24 Dom	221	0.2	6		9 Mar	148	0.3	9		24 Mié	316	0.4	12		9 Mié	41	0.5	15		24 Jue	157	0.5	15
	2021	-0.2	-6			449	0.1	3			531	0.1	3			809	0.2	6			618	0.0	0			843	0.1	3
						1242	1.1	34			1249	0.9	27			1418	0.6	18			1237	0.7	21			1440	0.4	12
						2049	-0.2	-6			2025	-0.2	-6			2118	0.0	0			1916	-0.1	-3			1957	0.2	6
10 Dom	1219	1.2	37		25 Lun	335	0.3	9		10 Mié	244	0.4	12		25 Jue	355	0.5	15		10 Jue	142	0.6	18		25 Vie	235	0.6	18
	2055	-0.2	-6			605	0.2	6			715	0.2	6			932	0.2	6			750	0.0	0			947	0.0	0
						1333	1.0	30			1349	0.8	24			1515	0.5	15			1349	0.6	18			1551	0.3	9
						2130	-0.2	-6			2102	-0.2	-6			2146	0.0	0			2002	-0.1	-3			2026	0.2	6
11 Lun	1307	1.1	34		26 Mar	425	0.4	12		11 Jue	334	0.6	18		26 Vie	427	0.6	18		11 Vie	239	0.8	24		26 Sáb	310	0.7	21
	2125	-0.2	-6			740	0.3	9			854	0.2	6			1040	0.1	3			914	-0.1	-3			1037	0.0	0
						1423	0.9	27			1452	0.7	21			1609	0.4	12			1503	0.5	15			1648	0.3	9
						2205	-0.2	-6			2139	-0.2	-6			2210	0.0	0			2050	-0.1	-3			2053	0.2	6
12 Mar	1359	1.1	34		27 Mié	502	0.5	15		12 Vie	421	0.7	21		27 Sáb	456	0.7	21		12 Sáb	334	0.9	27		27 Dom	344	0.7	21
	2154	-0.3	-9			913	0.3	9			1021	0.1	3			1134	0.1	3			1027	-0.2	-6			1118	-0.1	-3
						1512	0.7	21			1557	0.6	18			1658	0.4	12			1613	0.4	12			1732	0.3	9
						2234	-0.1	-3			2217	-0.2	-6			2232	0.0	0			2138	-0.1	-3			2121	0.2	6
13 Mié	443	0.5	15		28 Jue	532	0.6	18		13 Sáb	507	0.9	27		28 Dom	524	0.7	21		13 Dom	426	1.0	30		28 Lun	418	0.8	24
	820	0.3	9			1035	0.3	9			1136	0.0	0			1221	0.0	0			1130	-0.3	-9			1155	-0.2	-6
	1453	1.0	30			1600	0.6	18			1701	0.5	15			1743	0.3	9			1717	0.4	12			1807	0.3	9
	2224	-0.3	-9			2259	-0.1	-3			2257	-0.2	-6			2254	0.0	0			2228	-0.1	-3			2152	0.2	6
14 Jue	513	0.6	18		29 Vie	559	0.7	21		14 Dom	553	1.0	30		29 Lun	554	0.8	24		14 Lun	517	1.1	34		29 Mar	452	0.8	24
	1001	0.3	9			1145	0.3	9			1242	-0.1	-3			1304	0.0	0			1227	-0.3	-9			1229	-0.2	-6
	1549	0.8	24			1647	0.5	15			1802	0.4	12			1823	0.3	9			1816	0.4	12			1835	0.3	9
	2254	-0.3	-9			2322	-0.1	-3			2337	-0.2	-6			2318	0.0	0			2317	-0.1	-3			2226	0.1	3
15 Vie	548	0.8	24		30 Sáb																							

Cristóbal, Mar Caribe año 2016

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 Vie	646	0.9	27		16 Sáb	153	0.1	3		1 Dom	43	0.2	6		16 Lun	310	0.2	6		1 Mié	333	0.0	0		16 Jue	528	0.0	0	
	1408	-0.2	-6			803	0.8	24			648	0.8	24			815	0.5	15			817	0.4	12			936	0.2	6	
	2001	0.3	9			1459	-0.2	-6			1348	-0.3	-9			1435	-0.1	-3			1408	-0.2	-6			1406	0.0	0	
					2128	0.6	18		2024	0.6	18		2141	0.8	24		2131	1.2	37		2209	1.0	30						
2 Sáb	40	0.1	3		17 Dom	256	0.1	3		2 Lun	153	0.1	3		17 Mar	424	0.1	3		2 Jue	449	-0.1	-3		17 Vie	632	0.0	0	
	728	0.9	27			853	0.7	21			738	0.7	21			909	0.4	12			930	0.2	6			1104	0.1	3	
	1441	-0.2	-6			1536	-0.1	-3			1419	-0.2	-6			1456	0.0	0			1444	-0.2	-6			1402	0.0	0	
					2211	0.6	18		2104	0.8	24		2216	0.8	24		2219	1.3	40		2242	1.0	30						
3 Dom	137	0.0	0		18 Lun	404	0.1	3		3 Mar	309	0.1	3		18 Mié	540	0.1	3		3 Vie	601	-0.2	-6		18 Sáb	730	-0.1	-3	
	815	0.9	27			946	0.5	15			835	0.6	18			1016	0.2	6			1055	0.1	3			2316	1.1	34	
	1516	-0.2	-6			1608	0.0	0			1452	-0.2	-6			1509	0.0	0			1525	-0.1	-3						
					2253	0.6	18		2150	0.9	27		2250	0.9	27		2310	1.3	40										
4 Lun	243	0.0	0		19 Mar	519	0.1	3		4 Mié	430	0.0	0		19 Jue	653	0.0	0		4 Sáb	707	-0.3	-9		19 Dom	818	-0.2	-6	
	906	0.8	24			1047	0.4	12			942	0.4	12			1152	0.1	3			1231	0.1	3			2353	1.1	34	
	1552	-0.2	-6			1636	0.1	3			1530	-0.2	-6			1506	0.0	0			1611	0.0	0						
					2333	0.7	21		2239	1.0	30		2323	0.9	27		●												
5 Mar	359	0.0	0		20 Mié	640	0.1	3		5 Jue	551	-0.1	-3		20 Vie	756	-0.1	-3		5 Dom	3	1.3	40		20 Lun	859	-0.2	-6	
	1005	0.6	18			1207	0.3	9			1102	0.3	9			2357	0.9	27			807	-0.4	-12			1407	0.1	3	
	1632	-0.1	-3			1659	0.1	3			1612	-0.1	-3								1708	0.0	0			1407	0.1	3	
									2332	1.1	34																		
6 Mié	524	0.0	0		21 Jue	11	0.7	21		6 Vie	707	-0.2	-6		21 Sáb	847	-0.2	-6		6 Lun	57	1.3	40		21 Mar	31	1.1	34	
	1114	0.5	15			755	0.0	0			1234	0.2	6			901	-0.5	-15			901	-0.5	-15			933	-0.3	-9	
	1716	-0.1	-3			1352	0.2	6			1701	0.0	0			1529	0.2	6			1819	0.1	3						
					1712	0.1	3		●				○																
7 Jue	1	0.8	24		22 Vie	48	0.7	21		7 Sáb	27	1.2	37		22 Dom	32	0.9	27		7 Mar	152	1.3	40		22 Mié	1001	-0.3	-9	
	650	-0.1	-3			857	-0.1	-3			814	-0.3	-9			929	-0.2	-6			950	-0.5	-15			1633	0.3	9	
	1233	0.4	12			○					1407	0.2	6								1940	0.2	6						
									1758	0.0	0																		
8 Vie	59	0.9	27		23 Sáb	125	0.8	24		8 Dom	124	1.2	37		23 Lun	109	1.0	30		8 Mié	246	1.2	37		23 Jue	156	1.0	30	
	810	-0.2	-6			945	-0.1	-3			914	-0.4	-12			1004	-0.3	-9			1035	-0.5	-15			1025	-0.3	-9	
	1358	0.4	12								1528	0.3	9								1724	0.4	12						
									1905	0.1	3						2104	0.3	9										
9 Sáb	157	1.0	30		24 Dom	201	0.8	24		9 Lun	220	1.2	37		24 Mar	149	1.0	30		9 Jue	339	1.1	34		24 Vie	242	1.0	30	
	920	-0.3	-9			1024	-0.2	-6			1007	-0.5	-15			1034	-0.3	-9			1116	-0.5	-15			1048	-0.3	-9	
	1517	0.3	9								1635	0.3	9								1808	0.5	15			1801	0.4	12	
									2017	0.1	3						2224	0.3	9		2056	0.3	9						
10 Dom	253	1.1	34		25 Lun	238	0.9	27		10 Mar	315	1.2	37		25 Mié	229	1.0	30		10 Vie	429	0.9	27		25 Sáb	329	0.9	27	
	1020	-0.4	-12			1058	-0.2	-6			1056	-0.5	-15			1101	-0.3	-9			1153	-0.4	-12			1110	-0.3	-9	
	1627	0.4	12								1730	0.4	12								1849	0.6	18			1811	0.6	18	
									2129	0.2	6						2340	0.3	9		2237	0.3	9						
11 Lun	349	1.1	34		26 Mar	317	0.9	27		11 Mié	409	1.1	34		26 Jue	311	1.0	30		11 Sáb	518	0.8	24		26 Dom	420	0.8	24	
	1115	-0.5	-15			1129	-0.3	-9			1141	-0.5	-15			1125	-0.3	-9			1226	-0.3	-9			1135	-0.3	-9	
	1727	0.4	12								1819	0.5	15								1926	0.7	21			1836	0.7	21	
									2239	0.2	6																		
12 Mar	442	1.1	34		27 Mié	356	0.9	27		12 Jue	500	1.1	34		27 Vie	355	1.0	30		12 Dom	52	0.3	9		27 Lun	2	0.3	9	
	1205	-0.5	-15			1157	-0.3	-9			1223	-0.5	-15			1148	-0.3	-9			605	0.7	21			513	0.7	21	
	1821	0.4	12			1852	0.3	9			1904	0.6	18			1848	0.4	12			1255	-0.3	-9			1201	-0.3	-9	
					2128	0.2	6		2347	0.2	6		2220	0.3	9		2001	0.8	24		1908	0.9	27						
13 Mié	534	1.1	34		28 Jue	436	0.9	27		13 Vie	550	0.9	27		28 Sáb	440	0.9	27		13 Lun	202	0.2	6		28 Mar	119	0.2	6	
	1253	-0.5	-15			1225	-0.3	-9			1302	-0.4	-12			1212	-0.3	-9			651	0.5	15			609	0.5	15	
	1911	0.5	15			1902	0.3	9			1947	0.6	18			1905	0.6	18			1320	-0.2	-6			1231	-0.3	-9	
					2232	0.2	6		●				2342	0.3	9		2035	0.9	27		1946	1.1	34						
14 Jue	625	1.0	30		29 Vie	518	0.9	27		14 Sáb	53	0.2	6		29 Dom	527	0.8	24		14 Mar	312	0.2	6		29 Mié	232	0.1	3	
	1337	-0.4	-12			1251	-0.3	-9			639	0.8	24			1237	-0.3	-9			739	0.4	12			709	0.4	12	
	1958	0.5	15			1922	0.4	12			1337	-0.3	-9			1932	0.7	21			1341	-0.1	-3			1303	-0.3	-9	
					2336	0.2	6		2027	0.7	21		●				2106	0.9	27		2028	1.2	37						
15 Vie	54	0.1	3		30 Sáb	601	0.9	27		15 Dom	200	0.2	6		30 Lun	100	0.2	6		15 Mié	421	0.1	3		30 Jue	341	0.0	0	
	714	0.9	27			1319	-0.3	-9			726	0.6	18			618	0.7	21			832	0.3	9			814	0.3	9	
	1420	-0.3	-9			1949	0.5	15			1408	-0.2	-6			1304	-0.3	-9			1357	-0.1	-3			1339	-0.2	-6	
									2105	0.7	21		2007	0.9	27		2138	1.0	30		2113	1.3	40						

Cristóbal, Mar Caribe año 2016

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 Vie	448	-0.1	-3		16 Sáb	541	0.0	0		1 Lun	625	-0.2	-6		16 Mar	604	0.0	0		1 Jue	3	0.9	27		16 Vie	554	0.1	3	
	927	0.2	6			1001	0.1	3			1153	0.2	6			1107	0.2	6			723	0.0	0			1207	0.7	21	
	1417	-0.2	-6			1340	0.0	0			1542	0.1	3			1442	0.1	3			1335	0.5	15			1757	0.2	6	
	2200	1.4	43			2202	1.1	34			2324	1.2	37			2243	1.1	34			1832	0.3	9						
2 Sáb	552	-0.2	-6		17 Dom	635	-0.1	-3		2 Mar	720	-0.2	-6		17 Mié	645	0.0	0		2 Vie	104	0.8	24		17 Sáb	9	0.8	24	
	1048	0.1	3			1122	0.1	3			1314	0.3	9			1213	0.2	6			808	0.1	3			636	0.1	3	
	1458	-0.1	-3			1344	0.0	0			1642	0.1	3			1542	0.1	3			1431	0.6	18			1305	0.8	24	
	2250	1.4	43			2239	1.1	34			2200	1.1	34			2331	1.0	30			2001	0.3	9			1928	0.2	6	
3 Dom	653	-0.3	-9		18 Lun	725	-0.1	-3		3 Mié	17	1.1	34		18 Jue	723	0.0	0		3 Sáb	208	0.7	21		18 Dom	122	0.7	21	
	1217	0.1	3			2318	1.1	34			811	-0.2	-6			1316	0.3	9			847	0.1	3			720	0.1	3	
	1544	0.0	0								1430	0.3	9			1706	0.2	6			1518	0.7	21			1402	0.9	27	
	2342	1.3	40								1758	0.2	6								2122	0.2	6			2050	0.1	3	
4 Lun	750	-0.3	-9		19 Mar	807	-0.2	-6		4 Jue	112	1.0	30		19 Vie	24	0.9	27		4 Dom	312	0.6	18		19 Lun	238	0.6	18	
	1350	0.1	3								857	-0.2	-6			758	0.0	0			921	0.2	6			808	0.1	3	
	1640	0.0	0								1532	0.4	12			1412	0.5	15			1557	0.7	21			1457	1.1	34	
											1928	0.3	9			1847	0.3	9			2228	0.2	6			2201	0.0	0	
5 Mar	35	1.3	40		20 Mié	0	1.1	34		5 Vie	207	0.9	27		20 Sáb	123	0.8	24		5 Lun	411	0.6	18		20 Mar	350	0.6	18	
	842	-0.4	-12			841	-0.2	-6			937	-0.1	-3			833	0.0	0			951	0.2	6			859	0.1	3	
	1512	0.2	6								1620	0.5	15			1501	0.6	18			1632	0.8	24			1550	1.2	37	
	1752	0.1	3								2100	0.3	9			2028	0.2	6			2322	0.1	3			2302	-0.1	-3	
6 Mié	129	1.2	37		21 Jue	45	1.1	34		6 Sáb	303	0.8	24		21 Dom	227	0.7	21		6 Mar	503	0.5	15		21 Mié	454	0.5	15	
	928	-0.4	-12			910	-0.2	-6			1012	-0.1	-3			908	0.0	0			1018	0.2	6			951	0.1	3	
	1614	0.3	9								1700	0.6	18			1548	0.8	24			1704	0.9	27			1642	1.3	40	
	1920	0.2	6								2223	0.3	9			2155	0.2	6								2358	-0.2	-6	
7 Jue	222	1.1	34		22 Vie	134	1.0	30		7 Dom	356	0.7	21		22 Lun	333	0.7	21		7 Mié	8	0.1	3		22 Jue	553	0.5	15	
	1010	-0.3	-9			936	-0.2	-6			1042	-0.1	-3			945	0.0	0			547	0.5	15			1043	0.1	3	
	1703	0.5	15			1628	0.4	12			1734	0.7	21			1633	1.0	30			1044	0.2	6			1733	1.3	40	
	2052	0.3	9			1943	0.3	9			2332	0.2	6			2308	0.1	3			1736	0.9	27						
8 Vie	315	0.9	27		23 Sáb	227	0.9	27		8 Lun	447	0.6	18		23 Mar	437	0.6	18		8 Jue	49	0.1	3		23 Vie	50	-0.2	-6	
	1047	-0.3	-9			1002	-0.2	-6			1108	0.0	0			1024	-0.1	-3			627	0.4	12			646	0.6	18	
	1744	0.6	18			1651	0.6	18			1805	0.8	24			1719	1.1	34			1110	0.2	6			1136	0.1	3	
	2218	0.3	9			2131	0.3	9													1808	1.0	30			1824	1.3	40	
9 Sáb	405	0.8	24		24 Dom	323	0.8	24		9 Mar	31	0.2	6		24 Mié	13	0.0	0		9 Vie	128	0.0	0		24 Sáb	139	-0.2	-6	
	1120	-0.3	-9			1029	-0.2	-6			536	0.5	15			538	0.5	15			703	0.4	12			738	0.6	18	
	1820	0.7	21			1722	0.7	21			1132	0.0	0			1106	-0.1	-3			1138	0.2	6			1229	0.1	3	
	2336	0.3	9			2259	0.2	6			1835	0.9	27			1806	1.2	37			1842	1.0	30			1914	1.3	40	
10 Dom	454	0.7	21		25 Lun	420	0.7	21		10 Mié	123	0.1	3		25 Jue	111	-0.1	-3		10 Sáb	206	0.0	0		25 Dom	227	-0.2	-6	
	1149	-0.2	-6			1059	-0.2	-6			621	0.4	12			636	0.5	15			737	0.4	12			828	0.6	18	
	1853	0.8	24			1759	0.9	27			1155	0.0	0			1149	-0.1	-3			1208	0.2	6			1324	0.2	6	
											1905	1.0	30			1853	1.3	40			1917	1.1	34			2005	1.2	37	
11 Lun	47	0.3	9		26 Mar	15	0.1	3		11 Jue	212	0.1	3		26 Vie	207	-0.2	-6		11 Dom	243	0.0	0		26 Lun	314	-0.1	-3	
	541	0.6	18			519	0.6	18			705	0.4	12			732	0.4	12			812	0.4	12			918	0.6	18	
	1214	-0.2	-6			1131	-0.2	-6			1217	0.0	0			1234	0.0	0			1243	0.2	6			1421	0.2	6	
	1924	0.9	27			1838	1.1	34			1936	1.0	30			1942	1.3	40			1955	1.1	34			2056	1.1	34	
12 Mar	151	0.2	6		27 Mié	123	0.0	0		12 Vie	258	0.1	3		27 Sáb	301	-0.2	-6		12 Lun	321	0.0	0		27 Mar	400	0.0	0	
	628	0.4	12			619	0.4	12			748	0.3	9			828	0.4	12			849	0.4	12			1008	0.6	18	
	1237	-0.1	-3			1206	-0.2	-6			1240	0.0	0			1320	0.0	0			1323	0.2	6			1523	0.2	6	
	1955	0.9	27			1921	1.2	37			2009	1.1	34			2031	1.3	40			2035	1.1	34			2150	0.9	27	
13 Mié	251	0.1	3		28 Jue	227	0.0	0		13 Sáb	345	0.0	0		28 Dom	354	-0.2	-6		13 Mar	359	0.0	0		28 Mié	444	0.1	3	
	715	0.3	9			720	0.4	12			831	0.3	9			924	0.4	12			930	0.4	12			1100	0.7	21	
	1257	-0.1	-3			1244	-0.2	-6			1304	0.1	3			1409	0.0	0			1412	0.2	6			1633	0.3	9	
	2025	1.0	30			2006	1.3	40			2043	1.1	34			2121	1.2	37			2118	1.0	30			2248	0.8	24	
14 Jue	348	0.1	3		29 Vie	328	-0.1	-3		14 Dom	432	0.0	0		29 Lun	448	-0.1	-3		14 Mié	436	0.1	3		29 Jue	527	0.1	3	
	805	0.3	9			822	0.3	9			917	0.2	6			1024	0.4	12			1017	0.5	15			1151	0.7	21	
	1314	0.0	0			1324	-0.1	-3			1330	0.1	3			1501	0.1	3			1513	0.2	6			1752	0.3	9	
	2056	1.0	30			2053	1.4	43			2120	1.1	34			2212	1.2	37			2207	1.0	30			2353	0.7	21	
15 Vie	445	0.0	0		30 Sáb	428	-0.2	-6		15 Lun	519	0.0	0		30 Mar	541	-0.1	-3		15 Jue	514	0.1	3		30 Vie	608	0.2	6	
	858	0.2	6			927	0.2	6			1008	0.2	6			1126	0.4	12			1111	0.6	18			1240	0.7	21	
	1329	0.0	0			1406	-0.1	-3			1401	0.1	3			1600	0.2	6			1629	0.2	6			1916	0.2	6	
	2128	1.1	34			2141	1.4	43			2200	1.1	34			2306	1.0	30			2303	0.9	27						

Cristóbal, Mar Caribe año 2016

Horas y Niveles de Mareas Altas y Bajas

Octubre					Noviembre					Diciembre																			
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 Sáb	111	0.6	18	6	16 Dom	518	0.2	6	6	1 Mar	1343	1.0	30	0	16 Mié	254	0.4	12	12	1 Jue	1332	1.1	34	34	16 Vie	354	0.4	12	12
	646	0.3	9	9		1224	1.1	34	34		2214	0.0	0	0		615	0.3	9	9		2225	-0.2	-6	-6		700	0.3	9	9
	1326	0.8	24	24		1946	0.0	0	0		1346	1.5	46	46		1410	1.1	34	34		1416	1.4	43	43		1416	1.4	43	43
	2033	0.2	6	6							2140	-0.3	-9	-9		2207	-0.4	-12	-12		2207	-0.4	-12	-12		2207	-0.4	-12	-12
2 Dom	235	0.5	15	15	17 Lun	126	0.5	15	15	2 Mié	1420	1.1	34	34	17 Jue	405	0.4	12	12	2 Vie	1410	1.1	34	34	17 Sáb	450	0.5	15	15
	722	0.4	12	12		610	0.2	6	6		2248	-0.1	-3	-3		730	0.3	9	9		2251	-0.2	-6	-6		828	0.4	12	12
	1408	0.8	24	24		1320	1.2	37	37		1442	1.4	43	43		1442	1.4	43	43		1512	1.2	37	37					
	2136	0.1	3	3		2055	-0.1	-3	-3		2229	-0.4	-12	-12		2229	-0.4	-12	-12		2250	-0.4	-12	-12					
3 Lun	353	0.5	15	15	18 Mar	250	0.5	15	15	3 Jue	1457	1.1	34	34	18 Vie	503	0.5	15	15	3 Sáb	1450	1.1	34	34	18 Dom	538	0.6	18	18
	755	0.4	12	12		708	0.2	6	6		2318	-0.1	-3	-3		848	0.4	12	12		2314	-0.2	-6	-6		954	0.4	12	12
	1446	0.9	27	27		1417	1.3	40	40		1537	1.4	43	43		1537	1.4	43	43		1606	1.1	34	34					
	2226	0.1	3	3		2154	-0.2	-6	-6		2315	-0.4	-12	-12		2315	-0.4	-12	-12		2329	-0.3	-9	-9					
4 Mar	455	0.5	15	15	19 Mié	403	0.5	15	15	4 Vie	1536	1.1	34	34	19 Sáb	554	0.6	18	18	4 Dom	1532	1.1	34	34	19 Lun	622	0.8	24	24
	828	0.4	12	12		812	0.3	9	9		2345	-0.1	-3	-3		1005	0.4	12	12		2334	-0.2	-6	-6		1115	0.4	12	12
	1522	0.9	27	27		1513	1.4	43	43		1631	1.3	40	40		1631	1.3	40	40		1658	1.0	30	30					
	2307	0.0	0	0		2248	-0.3	-9	-9		2358	-0.3	-9	-9		2358	-0.3	-9	-9										
5 Mié	541	0.5	15	15	20 Jue	504	0.5	15	15	5 Sáb	1614	1.1	34	34	20 Dom	640	0.7	21	21	5 Lun	650	0.6	18	18	20 Mar	5	-0.3	-9	-9
	901	0.4	12	12		918	0.3	9	9		1118	0.4	12	12		953	0.5	15	15		953	0.5	15	15		703	0.9	27	27
	1558	1.0	30	30		1608	1.4	43	43		1723	1.2	37	37		1615	1.0	30	30		1615	1.0	30	30		1232	0.3	9	9
	2342	0.0	0	0		2338	-0.3	-9	-9							2355	-0.2	-6	-6		2355	-0.2	-6	-6		1749	0.8	24	24
6 Jue	615	0.5	15	15	21 Vie	558	0.6	18	18	6 Dom	11	-0.1	-3	-3	21 Lun	38	-0.3	-9	-9	6 Mar	657	0.7	21	21	21 Mié	37	-0.2	-6	-6
	937	0.4	12	12		1022	0.3	9	9		708	0.5	15	15		724	0.8	24	24		1120	0.5	15	15		741	0.9	27	27
	1633	1.0	30	30		1701	1.4	43	43		1012	0.4	12	12		1230	0.4	12	12		1700	0.9	27	27		1344	0.3	9	9
											1654	1.1	34	34		1815	1.0	30	30		1815	1.0	30	30		1840	0.6	18	18

recopilado por: EAAR-HM



Luna Nueva



Cuarto Creciente



Luna Llena



Cuarto Menguante