

Cristobal, Caribbean Sea

Times and Heights of High and Low Waters - year 2017

January				February				March																			
Hour	Height			Hour	Height			Hour	Height			Hour	Height														
	h	m	ft	cm		h	m	ft	cm		h	m	ft	cm		h	m	ft	cm								
1 Sun	1422	1.0	30		16 Mon	514	0.6	18	1	503	0.6	18	16	544	0.8	24	1	320	0.6	18	16	408	0.7	21			
	2243	-0.2	-6			950	0.3	9		1028	0.2	6		1216	0.1	3		928	0.1	3		1110	-0.1	-3			
						1548	0.9	27		1556	0.6	18		1734	0.4	12		1511	0.5	15		1702	0.4	12			
						2301	-0.3	-9		2239	-0.2	-6		2321	-0.1	-3		2119	-0.1	-3		2201	0.1	3			
2 Mon	1507	1.0	30		17 Tue	555	0.7	21	2	535	0.8	24	17	618	0.8	24	2	404	0.8	24	17	444	0.8	24			
	2302	-0.2	-6			1113	0.3	9		1146	0.1	3		1309	0.0	0		1042	0.0	0		1156	-0.1	-3			
						1641	0.7	21		1654	0.5	15		1822	0.4	12		1615	0.4	12		1615	0.4	12	1750	0.3	9
						2334	-0.2	-6		2308	-0.2	-6		2347	0.0	0		2156	-0.1	-3		2156	-0.1	-3	2231	0.1	3
3 Tue	609	0.6	18		18 Wed	632	0.8	24	3	612	1.0	30	18	650	0.9	27	3	449	0.9	27	18	518	0.8	24			
	958	0.4	12			1227	0.2	6		1254	0.0	0		1357	0.0	0		1146	-0.1	-3		1237	-0.1	-3			
	1555	0.9	27			1733	0.6	18		1753	0.4	12		1907	0.3	9		1716	0.4	12		1831	0.3	9			
	2321	-0.2	-6			2341	-0.2	-6		2341	-0.2	-6		2341	-0.2	-6		2236	-0.1	-3		2300	0.1	3			
4 Wed	623	0.7	21		19 Thu	3	-0.2	-6	4	653	1.1	34	19	11	0.0	0	4	534	1.1	34	19	552	0.9	27			
	1129	0.4	12			707	0.9	27		1356	-0.1	-3		723	0.9	27		1243	-0.2	-6		1316	-0.2	-6			
	1646	0.7	21			1333	0.2	6		1852	0.3	9		1443	-0.1	-3		1813	0.3	9		1907	0.3	9			
	2344	-0.2	-6			1823	0.5	15		1852	0.3	9		1949	0.2	6		2319	-0.1	-3		2330	0.1	3			
5 Thu	649	0.9	27		20 Fri	28	-0.1	-3	5	17	-0.2	-6	20	35	0.0	0	5	621	1.2	37	20	627	0.9	27			
	1248	0.3	9			741	1.0	30		736	1.2	37		756	1.0	30		1336	-0.3	-9		1353	-0.2	-6			
	1740	0.6	18			1434	0.1	3		1455	-0.1	-3		1529	-0.1	-3		1908	0.3	9		1908	0.3	9	1941	0.3	9
						1913	0.4	12		1951	0.3	9		2031	0.2	6		2031	0.2	6		2031	0.2	6	2031	0.2	6
6 Fri	10	-0.2	-6		21 Sat	50	-0.1	-3	6	57	-0.2	-6	21	59	0.0	0	6	4	-0.1	-3	21	0	0.1	3			
	723	1.0	30			813	1.0	30		822	1.3	40		831	1.0	30		709	1.2	37		702	0.9	27			
	1401	0.2	6			1532	0.1	3		1552	-0.2	-6		1615	-0.1	-3		1428	-0.3	-9		1429	-0.2	-6			
	1838	0.5	15			2003	0.3	9		2052	0.2	6		2114	0.2	6		2001	0.3	9		2014	0.3	9			
7 Sat	40	-0.2	-6		22 Sun	110	0.0	0	7	140	-0.2	-6	22	124	0.0	0	7	52	-0.1	-3	22	34	0.1	3			
	802	1.2	37			845	1.1	34		911	1.3	40		907	1.0	30		758	1.2	37		739	0.9	27			
	1509	0.1	3			1628	0.0	0		1650	-0.2	-6		1701	-0.1	-3		1520	-0.3	-9		1506	-0.2	-6			
	1940	0.3	9			2055	0.2	6		2157	0.2	6		2202	0.1	3		2055	0.3	9		2048	0.3	9			
8 Sun	113	-0.2	-6		23 Mon	126	0.0	0	8	227	-0.1	-3	23	152	0.0	0	8	142	-0.1	-3	23	113	0.1	3			
	845	1.3	40			918	1.1	34		1001	1.3	40		945	1.0	30		849	1.1	34		817	0.9	27			
	1615	-0.1	-3			1724	0.0	0		1747	-0.3	-9		1747	-0.1	-3		1611	-0.3	-9		1542	-0.1	-3			
	2048	0.2	6			2154	0.1	3		2308	0.2	6		2255	0.1	3		2151	0.3	9		2125	0.3	9			
9 Mon	150	-0.2	-6		24 Tue	138	0.0	0	9	319	0.0	0	24	228	0.0	0	9	237	0.0	0	24	159	0.1	3			
	931	1.4	43			952	1.1	34		1054	1.2	37		1026	0.9	27		941	1.1	34		859	0.8	24			
	1718	-0.1	-3			1819	-0.1	-3		1842	-0.3	-9		1830	-0.1	-3		1703	-0.2	-6		1618	-0.1	-3			
	2203	0.2	6			2308	0.1	3		2308	0.1	3		2355	0.2	6		2250	0.3	9		2206	0.3	9			
10 Tue	231	-0.1	-3		25 Wed	142	0.0	0	10	23	0.2	6	25	319	0.1	3	10	338	0.0	0	25	256	0.1	3			
	1021	1.4	43			1027	1.1	34		420	0.0	0		1112	0.9	27		1036	0.9	27		945	0.8	24			
	1819	-0.2	-6			1912	-0.1	-3		1149	1.1	34		1908	-0.1	-3		1754	-0.2	-6		1653	-0.1	-3			
	2326	0.1	3			1935	-0.2	-6		1935	-0.2	-6		1935	-0.2	-6		2352	0.4	12		2252	0.4	12			
11 Wed	318	0.0	0		26 Thu	1105	1.1	34	11	138	0.3	9	26	55	0.2	6	11	449	0.1	3	26	407	0.1	3			
	1112	1.4	43			1958	-0.1	-3		535	0.1	3		435	0.1	3		1134	0.8	24		1038	0.7	21			
	1917	-0.3	-9							1246	1.0	30		1203	0.8	24		1844	-0.1	-3		1728	0.0	0			
										2025	-0.2	-6		1942	-0.1	-3						2343	0.5	15			
12 Thu	55	0.2	6		27 Fri	1145	1.1	34	12	245	0.4	12	27	149	0.3	9	12	54	0.4	12	27	533	0.1	3			
	412	0.1	3			2035	-0.2	-6		704	0.2	6		615	0.2	6		612	0.1	3		1142	0.6	18			
	1206	1.4	43							1345	0.9	27		1301	0.7	21		1239	0.7	21		1805	0.0	0			
	2011	-0.3	-9							2109	-0.2	-6		2013	-0.1	-3		1931	-0.1	-3							
13 Fri	220	0.2	6		28 Sat	1228	1.0	30	13	341	0.5	15	28	236	0.5	15	13	152	0.5	15	28	36	0.6	18			
	521	0.1	3			2105	-0.2	-6		837	0.2	6		758	0.1	3		741	0.1	3		704	0.0	0			
	1301	1.3	40							1446	0.7	21		1405	0.6	18		1348	0.6	18		1256	0.5	15			
	2100	-0.3	-9							2148	-0.2	-6		2045	-0.1	-3		2015	0.0	0		1846	0.0	0			
14 Sat	331	0.3	9		29 Sun	1315	0.9	27	14	428	0.6	18	29	244	0.6	18	14	244	0.6	18	29	130	0.7	21			
	646	0.2	6			2129	-0.2	-6		1002	0.2	6		904	0.1	3		904	0.1	3		828	-0.1	-3			
	1357	1.2	37							1545	0.6	18		1459	0.5	15		1459	0.5	15		1415	0.4	12			
	2145	-0.3	-9							2223	-0.1	-3		2054	0.0	0		2054	0.0	0		1931	0.0	0			
15 Sun	427	0.5	15		30 Mon	431	0.3	9	15	508	0.7	21	30	328	0.6	18	15	224	0.9	27							
	820	0.3	9			650	0.2	6		1115	0.1	3		1013	0.0	0		938	-0.2	-6							
	1453	1.0	30			1406	0.9	27		1641	0.5	15		1605	0.4	12		1529	0.3	9							
	2225	-0.3	-9			2151	-0.2	-6		2254	-0.1	-3		2129	0.1	3		2129	0.1	3	2020	0.0	0				
				31 Tue	439	0.5	15										31	316	1.0	30							
					854	0.3	9											1039	-0.3	-9							
				1500	0.7	21										1635	0.3	9									
				2214	-0.2	-6										2113	0	0									

compiled by: EAAR-HM



New Moon



First Quarter



Full Moon



Last Quarter

Cristobal, Caribbean Sea

Times and Heights of High and Low Waters - year 2017

July				August				September																									
Hour	Height			Hour	Height			Hour	Height			Hour	Height																				
	h	m	ft	cm		h	m	ft	cm		h	m	ft	cm		h	m	ft	cm														
1 Sat	119	0.2	6	18	16 Sun	28	0.3	9	15	1 Tue	309	0.0	0	0	16 Wed	223	-0.1	-3	9	1 Fri	351	0.0	0	6	16 Sat	332	-0.1	-3	15				
	623	0.6	18	15		516	0.5	15	9		0	800	0.3	9		0	228	0.3	9		9	911	0.3	9		6	918	0.5	15	3			
	1251	-0.3	-9	30		1146	-0.2	-6	0		0	1305	0.0	0		0	1228	-0.1	-3		6	1325	0.2	6		34	1412	0.1	3	37	2107	1.2	37
	1958	1.0	30	30		1900	1.0	30	34		34	2030	1.1	34		40	1951	1.3	40		2052	1.1	34	2052		1.1	34	2052	1.1	34			
2 Sun	231	0.1	3	12	17 Mon	137	0.2	6	12	2 Wed	404	0.0	0	6	17 Thu	317	-0.1	-3	9	2 Sat	435	0.0	0	6	17 Sun	421	-0.1	-3	15				
	718	0.4	12	30		611	0.4	12	0		0	852	0.2	6		0	820	0.3	9		9	955	0.3	9		6	1013	0.5	15	3			
	1318	-0.2	-6	34		1214	-0.2	-6	0		0	1325	0.0	0		0	1312	-0.1	-3		6	1355	0.2	6		30	1515	0.1	3	34	2203	1.1	34
	2036	1.0	30	34		1936	1.1	34	34		34	2104	1.1	34		43	2039	1.4	43		2130	1.0	30	2130		1.0	30						
3 Mon	341	0.1	3	9	18 Tue	241	0.0	0	9	3 Thu	458	0.0	0	6	18 Fri	411	-0.2	-6	9	3 Sun	519	0.0	0	9	18 Mon	510	0.0	0	18				
	814	0.3	9	34		710	0.3	9	3		3	947	0.2	6		3	919	0.3	9		6	1043	0.3	9		6	1111	0.6	18	6			
	1341	-0.1	-3	34		1246	-0.2	-6	0		0	1341	0.1	3		0	1401	-0.1	-3		30	1431	0.2	6		30	1628	0.2	6	30	2303	1.0	30
	2111	1.1	34	40		2017	1.3	40	34		34	2139	1.1	34		43	2129	1.4	43		2210	1.0	30	2210		1.0	30						
4 Tue	448	0.0	0	6	19 Wed	343	-0.1	-3	6	4 Fri	552	0.0	0	3	19 Sat	505	-0.2	-6	9	4 Mon	602	0.1	3	9	19 Tue	558	0.0	0	21				
	917	0.2	6	34		813	0.2	6	0		0	1051	0.1	3		0	1023	0.3	9		6	1136	0.3	9		6	1211	0.7	21	6			
	1357	0.0	0	34		1322	-0.2	-6	0		0	1351	0.0	0		0	1455	0.0	0		0	1519	0.2	6		27	1751	0.2	6	6			
	2146	1.1	34	43		2102	1.4	43	34		34	2215	1.1	34		40	2222	1.3	40		2255	0.9	27	2255		0.9	27						
5 Wed	552	-0.1	-3	3	20 Thu	443	-0.1	-3	6	5 Sat	646	-0.1	-3	34	20 Sun	559	-0.2	-6	9	5 Tue	641	0.1	3	12	20 Wed	10	0.8	24					
	1031	0.1	3	34		922	0.2	6	0		0	2252	1.1	34		37	1132	0.3	9		9	1231	0.4	12		6	646	0.1	3	3			
	1403	0.0	0	34		1404	-0.2	-6	0		0	646	-0.1	-3		3	1558	0.1	3		9	1631	0.3	9		24	1309	0.7	21	21			
	2220	1.1	34	43		2150	1.4	43	34		34	2252	1.1	34		37	2318	1.2	37		2345	0.8	24	2345		0.8	24	1919	0.2	6	6		
6 Thu	653	-0.1	-3	34	21 Fri	542	-0.2	-6	3	6 Sun	735	-0.1	-3	30	21 Mon	653	-0.1	-3	6	6 Wed	715	0.1	3	15	21 Thu	124	0.7	21					
	2255	1.1	34	1037		0.1	3	0	0		1244	0.4	12	9		1322	0.5	15	9		1806	0.3	9	733		0.2	6	6					
						1451	-0.1	-3	0		0	1713	0.2	6		6	1806	0.3	9		2043	0.2	6	1404		0.8	24	24					
						2241	1.4	43	34		34	2331	1.0	30		6	1806	0.3	9		2043	0.2	6	2043		0.2	6						
7 Fri	748	-0.2	-6	34	22 Sat	640	-0.3	-9	3	7 Mon	816	-0.1	-3	0	22 Tue	17	1.1	34	7 Thu	43	0.8	24	22 Fri	241	0.6	18							
	2330	1.1	34	1159		0.1	3	0	0		743	-0.1	-3	3		745	0.1	3		18	745	0.1		3	817	0.2	6	6					
						1546	0.0	0	0		0	1353	0.5	15		18	1407	0.6		18	1946	0.3		9	1454	0.9	27	27					
						2335	1.4	43	34		34	1840	0.2	6		6	1946	0.3		9	2153	0.1		3	2153	0.1	3						
8 Sat	836	-0.2	-6	34	23 Sun	734	-0.3	-9	6	8 Tue	13	1.0	30	23 Wed	120	0.9	27	8 Fri	148	0.7	21	23 Sat	354	0.6	18								
						1322	0.2	6	0		0	831	-0.1		-3	6	815		0.2	6	21		859	0.3	9	9							
						1653	0.1	3	0		0	1455	0.6		18	18	1450		0.7	21	211		1538	0.9	27	27							
												2013	0.2		6	6	2113		0.2	6	6		2251	0.0	0	2251	0.0	0					
9 Sun	6	1.1	34	24 Mon	31	1.3	40	9 Wed	59	0.9	27	24 Thu	225	0.8	24	9 Sat	255	0.6	18	24 Sun	456	0.5	15										
	915	-0.2	-6		825	-0.3	-9		0	0	914		-0.1	-3	0		847	0.1	3		3	938	0.3	9	9								
						1438	0.3		9	9	1618		0.4	12	21		1548	0.7	21		27	1533	0.9	27	1619	1.0	30	30					
						1816	0.2		6	6	1828		0.3	9	6		2139	0.2	6		3	2224	0.1	3	2339	0.0	0						
10 Mon	44	1.0	30	25 Tue	129	1.2	37	10 Thu	148	0.8	24	25 Fri	330	0.7	21	10 Sun	400	0.5	15	25 Mon	548	0.5	15										
	946	-0.2	-6		912	-0.3	-9		0	0	934		0.0	0	0		955	0.0	0		3	1015	0.3	9	9								
						1542	0.4		12	15	1621		0.5	15	24		1634	0.8	24		30	1617	1.0	30	1657	1.0	30	30					
						1950	0.2		6	6	2036		0.4	12	3		2253	0.1	3		0	2324	0.0	0	2324	0.0	0						
11 Tue	123	1.0	30	26 Wed	228	1.0	30	11 Fri	242	0.7	21	26 Sat	432	0.6	18	11 Mon	459	0.5	15	26 Tue	21	0.0	0										
	1011	-0.2	-6		955	-0.3	-9		0	0	954		0.0	0	0		1032	0.0	0		3	1002	0.1	3	631	0.5	15	15					
						1635	0.6		18	18	1642		0.6	18	27		1716	0.9	27		37	1702	1.2	37	1049	0.3	9	9					
						2123	0.3		9	9	2210		0.3	9	3		2356	0.1	3		3	1734	1.0	30	1734	1.0	30						
12 Wed	204	0.9	27	27 Thu	327	0.9	27	12 Sat	338	0.6	18	27 Sun	529	0.5	15	12 Tue	17	-0.1	-3	27 Wed	59	0.0	0										
	1031	-0.2	-6		1035	-0.3	-9		0	0	1016		0.0	0	3		1105	0.1	3		15	553	0.5	15	707	0.5	15	15					
						1721	0.7		21	24	1710		0.8	24	30		1754	1.0	30		3	1045	0.1	3	1123	0.3	9	9					
						2248	0.2		6	6	2326		0.2	6	6		1754	1.0	30		40	1748	1.3	40	1810	1.1	34	34					
13 Thu	248	0.9	27	28 Fri	426	0.8	24	13 Sun	435	0.5	15	28 Mon	50	0.0	0	13 Wed	107	-0.1	-3	28 Thu	136	0.0	0										
	1048	-0.2	-6		1111	-0.2	-6		0	0	1042		-0.1	-3	15		620	0.5	15		15	644	0.5	15	741	0.5	15	15					
	1803	0.5	15		1803	0.8	24		30	30	1745		1.0	30	30		1136	0.1	3		3	1132	0.1	3	1157	0.3	9	9					
	2136	0.4	12														1831	1.0	30		40	1836	1.3	40	1846	1.1	34	34					
14 Fri	334	0.8	24	29 Sat	4	0.2	6	14 Mon	30	0.1	3	29 Tue	138	0.0	0	14 Thu	156	-0.2	-6	29 Fri	211	0.0	0										
	1105	-0.2	-6		522	0.6	18		15	15	531		0.5	15	12		706	0.4	12		15	734	0.5	15	813	0.5	15	15					
	1809	0.6	18		1144	-0.2	-6		0	0	1113		-0.1	-3	3		1204	0.1	3		3	1222	0.1	3	1232	0.3	9	9					
	2310	0.3	9		1843	0.9																											

