

Cristóbal, Mar Caribe 2022

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									
1 Sáb	218	-0.1	-3		16 Dom	1113	1.2	37		1 Mar	126	0.1	3										
	1049	1.6	49	2042		-0.2	-6	414	0.0		0	1156	0.9	27	1103	1.1	34						
	1919	-0.3	-9			1218	1.3	40	2024		-0.3	-9	1845	-0.2	-6	1822	0.0	0					
2 Dom	47	0.0	0		17 Lun	1151	1.2	37		2 Mié	241	0.2	6		2 Mié	40	0.3	9		17 Jue	16	0.3	9
	258	-0.1	-3	2123		-0.2	-6	543	0.1		3	1243	0.8	24		456	0.1	3	418		0.2	6	
	1142	1.6	49			1316	1.1	34	2107		-0.3	-9	2103	-0.1		-3	1203	0.9	27		1126	0.7	21
3 Lun	1237	1.5	46		18 Mar	1229	1.1	34		3 Jue	341	0.4	12		3 Jue	146	0.4	12		18 Vie	102	0.4	12
	2100	-0.4	-12	2154		-0.2	-6	731	0.2		6	617	0.2	6		636	0.1	3	614		0.2	6	
						1416	1.0	30	2146		-0.3	-9	1337	0.7		21	1309	0.7	21		1230	0.5	15
4 Mar	1333	1.4	43		19 Mié	1309	1.1	34		4 Vie	429	0.5	15		4 Vie	243	0.5	15		19 Sáb	144	0.5	15
	2144	-0.4	-12	2216		-0.2	-6	920	0.2		6	850	0.3	9		822	0.1	3	809		0.1	3	
						1518	0.8	24	2221		-0.2	-6	1438	0.6		18	1421	0.6	18		1350	0.4	12
5 Mié	433	0.3	9		20 Jue	1350	1.0	30		5 Sáb	511	0.7	21		5 Sáb	332	0.7	21		20 Dom	226	0.7	21
	701	0.2	6	2230		-0.2	-6	1055	0.2		6	1031	0.2	6		955	0.0	0	938		0.0	0	
	1429	1.3	40			1621	0.6	18	2253		-0.2	-6	1544	0.4		12	1536	0.5	15		1514	0.3	9
6 Jue	516	0.5	15		21 Vie	1434	0.9	27		6 Dom	549	0.8	24		6 Dom	415	0.8	24		21 Lun	310	0.9	27
	849	0.3	9	2241		-0.2	-6	1215	0.1		3	1146	0.0	0		1109	-0.1	-3	1044		-0.2	-6	
	1525	1.1	34			1724	0.5	15	2322		-0.1	-3	1649	0.3		9	1647	0.4	12		1628	0.2	6
7 Vie	556	0.6	18		22 Sáb	559	0.5	15		7 Lun	626	0.9	27		7 Lun	454	0.9	27		22 Mar	355	1.0	30
	1031	0.4	12	931		0.4	12	1322	0.0		0	1246	-0.1	-3		1208	-0.1	-3	1138		-0.3	-9	
	1621	0.9	27	1523		0.7	21	1824	0.4		12	1750	0.2	6		1750	0.3	9	1729		0.2	6	
8 Sáb	634	0.8	24		23 Dom	557	0.6	18		8 Mar	701	1.0	30		8 Mar	531	0.9	27		23 Mié	442	1.1	34
	1203	0.3	9	1123		0.3	9	1420	-0.1		-3	1340	-0.2	-6		1257	-0.2	-6	1227		-0.4	-12	
	1717	0.7	21	1617		0.6	18	1921	0.3		9	1845	0.2	6		1842	0.3	9	1819		0.2	6	
9 Dom	5	-0.2	-6		24 Lun	616	0.8	24		9 Mié	11	0.0	0		9 Mié	608	1.0	30		24 Jue	530	1.2	37
	711	0.9	27	1247		0.2	6	735	1.1		34	1432	-0.3	-9		1342	-0.2	-6	1314		-0.4	-12	
	1327	0.2	6	1715		0.4	12	1513	-0.1		-3	1938	0.1	3		1927	0.2	6	1904		0.2	6	
10 Lun	31	-0.2	-6		25 Mar	645	1.0	30		10 Jue	31	0.0	0		10 Jue	643	1.0	30		25 Vie	619	1.3	40
	746	1.0	30	1356		0.1	3	810	1.1		34	1522	-0.3	-9		1424	-0.2	-6	1400		-0.4	-12	
	1443	0.1	3	1816		0.3	9	1604	-0.1		-3	2030	0.1	3		2005	0.2	6	1948		0.2	6	
11 Mar	53	-0.1	-3		26 Mié	722	1.2	37		11 Vie	48	0.0	0		11 Vie	719	1.0	30		26 Sáb	709	1.3	40
	821	1.1	34	1458		-0.1	-3	845	1.1		34	824	1.3	40		1505	-0.2	-6	1445		-0.4	-12	
	1552	0.0	0	1918		0.2	6	1656	-0.2		-6	1614	-0.3	-9		2040	0.2	6	2033		0.2	6	
12 Mié	109	0.0	0		27 Jue	15	-0.2	-6		12 Sáb	100	0.0	0		12 Sáb	22	0.0	0		27 Dom	50	0.0	0
	854	1.2	37	803		1.4	43	920	1.1		34	915	1.3	40		755	1.0	30	759		1.2	37	
	1656	0.0	0	1556		-0.2	-6	1750	-0.2		-6	1705	-0.3	-9		1548	-0.2	-6	1530		-0.4	-12	
13 Jue	117	0.0	0		28 Vie	50	-0.2	-6		13 Dom	101	-0.1	-3		13 Dom	48	0.0	0		28 Lun	151	0.0	0
	928	1.2	37	848		1.4	43	957	1.1		34	1008	1.2	37		832	1.0	30	851		1.1	34	
	1758	-0.1	-3	1653		-0.3	-9	1845	-0.2		-6	1756	-0.3	-9		1631	-0.2	-6	1614		-0.3	-9	
14 Vie	105	0.0	0		29 Sáb	130	-0.2	-6		14 Lun	1035	1.1	34		14 Lun	118	0.0	0		29 Mar	300	0.0	0
	1002	1.2	37	937		1.5	46	1936	-0.2		-6	1936	-0.2	-6		910	0.9	27	946		0.9	27	
	1857	-0.2	-6	1749		-0.3	-9							1712		-0.1	-3	1657	-0.2		-6		
15 Sáb	1037	1.2	37		30 Dom	216	-0.1	-3		15 Mar	1114	1.0	30		15 Mar	155	0.0	0		30 Mié	422	0.1	3
	1952	-0.2	-6	1029		1.5	46	2016	-0.2		-6	1750	-0.1	-3		1750	-0.1	-3	1047		0.7	21	
				1844		-0.3	-9							2327		0.2	6	1738	-0.1		-3		
				31 Lun	2	0.0	0																
					308	-0.1	-3																
					1122	1.4	43																
				1936	-0.3	-9																	

Canal de Panamá (HIAM)

Jorge F. Rodríguez C.



Luna Nueva



Cuarto Creciente



Luna Llena



Cuarto Menguante

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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 Vie ☉	56	0.6	18		16 Sáb ☉	721	0.0	0		1 Dom	55	1.0	30		16 Lun	2	1.2	37		1 Mié	129	1.1	34		16 Jue	123	1.5	46	
	740	0.0	0			1237	0.2	6			923	-0.3	-9			835	-0.3	-9			1034	-0.4	-12			946	-0.6	-18	
	1326	0.4	12			1705	0.1	3																					
	1854	0.1	3																										
2 Sáb	146	0.7	21		17 Dom	40	0.9	27		2 Lun	136	1.0	30		17 Mar	54	1.3	40		2 Jue	207	1.1	34		17 Vie	219	1.4	43	
	907	-0.1	-3			840	-0.2	-6			1011	-0.3	-9			926	-0.5	-15			1106	-0.4	-12			1028	-0.6	-18	
	1504	0.3	9			1428	0.2	6																		1721	0.3	9	
	1930	0.1	3			1735	0.1	3																		1954	0.2	6	
3 Dom	232	0.8	24		18 Lun	130	1.0	30		3 Mar	216	1.0	30		18 Mié	148	1.4	43		3 Vie	245	1.0	30		18 Sáb	315	1.3	40	
	1013	-0.2	-6			941	-0.3	-9			1051	-0.4	-12			1012	-0.6	-18			1133	-0.4	-12			1108	-0.6	-18	
	1634	0.3	9			1604	0.1	3																		1758	0.4	12	
	2006	0.2	6			1819	0.0	0																		2137	0.3	9	
4 Lun	314	0.9	27		19 Mar	222	1.1	34		4 Mié	256	1.0	30		19 Jue	243	1.4	43		4 Sáb	323	1.0	30		19 Dom	410	1.1	34	
	1105	-0.3	-9			1032	-0.4	-12			1126	-0.4	-12			1055	-0.6	-18			1156	-0.4	-12			1144	-0.5	-15	
	1743	0.3	9			1706	0.2	6																		1837	0.6	18	
	2042	0.2	6			1923	0.1	3																		2312	0.3	9	
5 Mar	354	0.9	27		20 Mié	314	1.2	37		5 Jue	335	1.0	30		20 Vie	338	1.3	40		5 Dom	400	0.9	27		20 Lun	505	0.9	27	
	1148	-0.3	-9			1119	-0.5	-15			1158	-0.4	-12			1137	-0.6	-18			1216	-0.3	-9			1218	-0.4	-12	
	1832	0.3	9			1750	0.2	6																		1916	0.8	24	
	2120	0.2	6			2035	0.1	3																					
6 Mié	432	0.9	27		21 Jue	406	1.3	40		6 Vie	413	1.0	30		21 Sáb	432	1.3	40		6 Lun	437	0.9	27		21 Mar	42	0.2	6	
	1227	-0.3	-9			1203	-0.5	-15			1228	-0.4	-12			1216	-0.6	-18			1232	-0.3	-9			600	0.7	21	
	1907	0.3	9			1829	0.2	6													1950	0.5	15			1249	-0.3	-9	
	2158	0.2	6			2144	0.1	3													2330	0.4	12			1955	0.9	27	
7 Jue	510	1.0	30		22 Vie	459	1.3	40		7 Sáb	451	1.0	30		22 Dom	524	1.1	34		7 Mar	515	0.7	21		22 Mié	210	0.2	6	
	1302	-0.3	-9			1246	-0.5	-15			1255	-0.3	-9			1254	-0.5	-15			1246	-0.2	-6			659	0.5	15	
	1935	0.3	9			1907	0.3	9			2006	0.3	9			1938	0.6	18			1957	0.6	18			1316	-0.2	-6	
	2235	0.2	6			2251	0.1	3			2219	0.2	6													2033	1.0	30	
8 Vie	547	1.0	30		23 Sáb	550	1.2	37		8 Dom	527	0.9	27		23 Lun	16	0.2	6		8 Mié	102	0.3	9		23 Jue	333	0.1	3	
	1337	-0.3	-9			1327	-0.5	-15			1320	-0.3	-9			617	0.9	27			557	0.6	18			803	0.3	9	
	2000	0.2	6			1948	0.4	12			2014	0.4	12			1328	-0.4	-12			1259	-0.2	-6			1338	-0.1	-3	
	2313	0.1	3			2359	0.1	3			2326	0.3	9			2019	0.7	21			2017	0.8	24			2110	1.1	34	
9 Sáb	624	1.0	30		24 Dom	642	1.1	34		9 Lun	604	0.9	27		24 Mar	140	0.2	6		9 Jue	231	0.3	9		24 Vie	452	0.0	0	
	1410	-0.3	-9			1407	-0.4	-12			1342	-0.3	-9			711	0.7	21			645	0.4	12			919	0.2	6	
	2025	0.2	6			2030	0.5	15			2030	0.4	12			1359	-0.3	-9			1313	-0.2	-6			1352	-0.1	-3	
	2352	0.1	3													2059	0.8	24			2044	1.0	30			2147	1.2	37	
10 Dom	701	0.9	27		25 Lun	109	0.1	3		10 Mar	37	0.3	9		25 Mié	308	0.1	3		10 Vie	356	0.1	3		25 Sáb	604	-0.1	-3	
	1442	-0.2	-6			734	1.0	30			643	0.7	21			809	0.5	15			743	0.3	9			1059	0.1	3	
	2051	0.3	9			1445	-0.3	-9			1401	-0.2	-6			1426	-0.2	-6			1330	-0.2	-6			1348	0.0	0	
						2115	0.5	15			2052	0.5	15			2139	0.9	27			2118	1.1	34			2223	1.2	37	
11 Lun	36	0.1	3		26 Mar	225	0.1	3		11 Mié	155	0.3	9		26 Jue	439	0.1	3		11 Sáb	515	0.0	0		26 Dom	709	-0.2	-6	
	738	0.9	27			827	0.8	24			724	0.6	18			917	0.3	9			859	0.1	3			2300	1.2	37	
	1512	-0.2	-6			1520	-0.2	-6			1418	-0.2	-6			1447	-0.1	-3			1349	-0.1	-3						
	2121	0.3	9			2200	0.7	21			2119	0.7	21			2218	1.0	30			2159	1.3	40						
12 Mar	129	0.2	6		27 Mié	350	0.1	3		12 Jue	322	0.2	6		27 Vie	607	-0.1	-3		12 Dom	623	-0.2	-6		27 Lun	806	-0.3	-9	
	817	0.8	24			927	0.6	18			813	0.4	12			1051	0.1	3			1036	0.0	0			2336	1.2	37	
	1539	-0.1	-3			1551	-0.1	-3			1434	-0.1	-3			1455	0.0	0			1412	-0.1	-3						
	2154	0.4	12			2245	0.8	24			2152	0.8	24			2257	1.1	34			2245	1.4	43						
13 Mié	236	0.2	6		28 Jue	525	0.1	3		13 Vie	455	0.1	3		28 Sáb	725	-0.2	-6		13 Lun	722	-0.3	-9		28 Mar	856	-0.3	-9	
	900	0.7	21			1040	0.4	12			917	0.3	9			2335	1.1	34			1234	-0.1	-3						
	1602	-0.1	-3			1618	0.0	0			1450	-0.1	-3								1434	-0.2	-6						
	2230	0.5	15			2330	0.8	24			2230	1.0	30								2335	1.5	46						
14 Jue	401	0.2	6		29 Vie	700	0.0	0		14 Sáb	624	0.0	0		29 Dom	826	-0.3	-9		14 Mar	814	-0.4	-12		29 Mié	13	1.1	34	
	952	0.5	15			1221	0.2	6			1047	0.1	3													938	-0.3	-9	
	1623	0.0	0			1637	0.1	3			1507	0.0	0																
	2310	0.6	18								2314	1.1	34																
15 Vie	542	0.1	3		30 Sáb	13	0.9	27		15 Dom	737	-0.2	-6		30 Lun	13	1.1	34		15 Mié	28	1.5	46		30 Jue	50	1.1	34	
	1101	0.4	12			821	-0.2	-6			1251	0.0	0			916	-0.3	-9			902	-0.5	-15			1014	-0.3	-9	
	1643	0.0	0								1523	-0.1	-3																
	2353	0.7	21																										

Cristóbal, Mar Caribe 2022

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	6		-0.2	-6	16 Dom	45		-0.2	-6	1 Mar	59		-0.3	-9	16 Mié	105		-0.1	-3	1 Jue	59		-0.3	-9	16 Vie	31		-0.1	-3
	612	0.3	9	732		0.5	15	726	0.5		15	813	0.6	18		752	0.9	27	751		0.8	24							
	925	0.2	6	1026		0.4	12	1123	0.3		9	1126	0.5	15		1311	0.4	12	1303		0.5	15							
	1657	1.4	43	1729		1.2	37	1807	1.3		40	1746	1.0	30		1840	0.9	27	1739		0.7	21							
2 Dom	49		-0.2	-6	17 Lun	119		-0.1	-3	2 Mié	136		-0.3	-9	17 Jue	125		-0.1	-3	2 Vie	130		-0.2	-6	17 Sáb	43		-0.1	-3
	649	0.4	12	758		0.5	15	805	0.7		21	828	0.7	21		831	1.0	30	807		0.9	27							
	1021	0.2	6	1108		0.4	12	1238	0.3		9	1239	0.5	15		1440	0.3	9	1429		0.4	12							
	1746	1.4	43	1807		1.1	34	1859	1.2		37	1823	0.9	27		1938	0.7	21	1825		0.5	15							
3 Lun	131		-0.2	-6	18 Mar	152		-0.1	-3	3 Jue	212		-0.2	-6	18 Vie	143		0.0	0	3 Sáb	158		-0.1	-3	18 Dom	55		-0.1	-3
	726	0.4	12	824		0.5	15	846	0.8		24	847	0.8	24		911	1.1	34	830		1.1	34							
	1119	0.2	6	1151		0.4	12	1358	0.3		9	1359	0.5	15		1609	0.2	6	1550		0.2	6							
	1835	1.4	43	1843		1.1	34	1953	1.0		30	1903	0.7	21		2046	0.5	15	1920		0.3	9							

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Luna Nueva



Cuarto Creciente



Luna Llena



Cuarto Menguante