

## Cristóbal, Mar Caribe año 2012

### 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	h	m	pies	cm				
1 Dom	8	-0.1	-3	16 Lun	640	1.2	37	1 Mié	7	0.0	0	16 Jue	24	-0.2	-6	1 Jue	618	0.9	27	16 Vie	629	1.2	37
	726	1.0	30		1344	0.0	0		743	1.1	34		745	1.3	40		1349	-0.1	-3		1350	-0.4	-12
	1417	0.2	6		1823	0.4	12		1525	0.0	0		1515	-0.3	-9		1908	0.2	6		1940	0.3	9
	1838	0.4	12		2355	-0.2	-6		1957	0.2	6		2031	0.2	6		2330	0.0	0		2330	0.0	0
2 Lun	28	-0.1	-3	17 Mar	722	1.3	40	2 Jue	28	0.0	0	17 Vie	111	-0.1	-3	2 Vie	652	1.0	30	17 Sáb	24	-0.1	-3
	757	1.1	34		1446	-0.1	-3		816	1.1	34		834	1.3	40		1427	-0.1	-3		719	1.2	37
	1518	0.1	3		1925	0.3	9		1612	-0.1	-3		1607	-0.3	-9		1941	0.2	6		1437	-0.3	-9
	1928	0.3	9		2040	0.1	3		2040	0.1	3		2127	0.2	6		2127	0.2	6		2029	0.4	12
3 Mar	46	0.0	0	18 Mié	32	-0.2	-6	3 Vie	50	0.0	0	18 Sáb	200	-0.1	-3	3 Sáb	0	0.0	0	18 Dom	119	0.0	0
	828	1.1	34		807	1.4	43		850	1.1	34		924	1.2	37		727	1.0	30		810	1.1	34
	1616	0.1	3		1545	-0.2	-6		1700	-0.1	-3		1700	-0.2	-6		1505	-0.1	-3		1523	-0.3	-9
	2021	0.2	6		2028	0.2	6		2127	0.1	3		2228	0.2	6		2015	0.2	6		2119	0.4	12
4 Mié	100	0.0	0	19 Jue	112	-0.2	-6	4 Sáb	114	0.0	0	19 Dom	254	0.0	0	4 Dom	34	0.0	0	19 Lun	218	0.0	0
	859	1.2	37		854	1.4	43		927	1.1	34		1015	1.1	34		804	1.0	30		901	0.9	27
	1713	0.0	0		1643	-0.2	-6		1746	-0.1	-3		1751	-0.2	-6		1542	-0.1	-3		1607	-0.2	-6
	2119	0.1	3		2134	0.1	3		2221	0.1	3		2332	0.3	9		2052	0.2	6		2210	0.4	12
5 Jue	110	0.0	0	20 Vie	154	-0.1	-3	5 Dom	142	0.0	0	20 Lun	355	0.1	3	5 Lun	115	0.0	0	20 Mar	323	0.0	0
	932	1.2	37		943	1.4	43		1006	1.1	34		1108	0.9	27		843	1.0	30		955	0.8	24
	1809	0.0	0		1740	-0.2	-6		1829	-0.1	-3		1840	-0.1	-3		1618	-0.1	-3		1650	-0.1	-3
	2232	0.1	3		2246	0.1	3		2327	0.1	3		1840	-0.1	-3		2135	0.2	6		2302	0.5	15
6 Vie	111	0.0	0	21 Sáb	240	-0.1	-3	6 Lun	221	0.0	0	21 Mar	40	0.3	9	6 Mar	206	0.0	0	21 Mié	437	0.1	3
	1007	1.2	37		1033	1.4	43		1048	1.0	30		510	0.1	3		926	0.9	27		1053	0.6	18
	1903	-0.1	-3		1836	-0.2	-6		1905	-0.1	-3		1204	0.8	24		1652	-0.1	-3		1730	0.0	0
													1926	-0.1	-3		2224	0.3	9		2354	0.5	15

recopilado por: EAAR-HM



Luna Nueva



Cuarto Creciente



Luna Llena



Cuarto Menguante



## Cristóbal, Mar Caribe año 2012

### 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		h	m	pies	cm
1 Dom	532	-0.2	-6		16 Lun	639	-0.1	-3											
	1012	0.0	0			2230	1.1	34											
	1419	-0.2	-6																
	2221	1.5	46																
1 Mié	647	-0.2	-6		16 Jue	640	0.0	0											
	1227	0.2	6			1210	0.2	6											
	1619	0.1	3			1515	0.1	3											
	2350	1.2	37			2315	0.9	27											
1 Dom	43	0.8	24		16 Dom	557	0.2	6											
	725	0.1	3			1240	0.8	24											
	1353	0.7	21			1928	0.2	6											
	1959	0.2	6																

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### Cristóbal, Mar Caribe año 2012

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		h m	pies	cm				
<b>1</b> Lun	236	0.5	15	<b>16</b> Mar	115	0.4	12	<b>1</b>	1410	1.1	34	<b>16</b> Vie	350	0.4	12	<b>1</b>	1359	1.1	34	<b>16</b> Dom	422	0.5	15
	635	0.4	12		509	0.2	6		2246	-0.1	-3		634	0.3	9		2248	-0.2	-6		753	0.3	9
	1345	1.0	30		1250	1.3	40		1412	1.5	46		1412	1.5	46		1445	1.3	40		2225	-0.4	-12
	2135	0.0	0		2049	-0.1	-3		2211	-0.4	-12		2211	-0.4	-12		2225	-0.4	-12				
<b>2</b> Mar	405	0.4	12	<b>17</b> Mié	244	0.4	12	<b>2</b>	1448	1.1	34	<b>17</b> Sáb	444	0.5	15	<b>2</b> Dom	1437	1.1	34	<b>17</b> Lun	510	0.6	18
	710	0.3	9		606	0.3	9		2316	-0.1	-3		802	0.3	9		2309	-0.2	-6		930	0.4	12
	1428	1.0	30		1346	1.4	43		1509	1.4	43		1509	1.4	43		1542	1.1	34		2303	-0.3	-9
	2225	0.0	0		2144	-0.2	-6		2254	-0.4	-12		2254	-0.4	-12		2303	-0.3	-9				
<b>3</b> Mié	512	0.4	12	<b>18</b> Jue	355	0.4	12	<b>3</b>	1527	1.1	34	<b>18</b> Dom	532	0.6	18	<b>3</b> Lun	1516	1.0	30	<b>18</b> Mar	555	0.8	24
	749	0.3	9		715	0.3	9		2343	-0.1	-3		929	0.4	12		2326	-0.1	-3		1100	0.3	9
	1508	1.0	30		1442	1.4	43		1604	1.3	40		1604	1.3	40		1639	0.9	27		2339	-0.3	-9
	2307	0.0	0		2234	-0.3	-9		2335	-0.3	-9		2335	-0.3	-9		2339	-0.3	-9				
<b>4</b> Jue	556	0.5	15	<b>19</b> Vie	451	0.4	12	<b>4</b>	1605	1.1	34	<b>19</b> Lun	617	0.7	21	<b>4</b> Mar	658	0.6	18	<b>19</b> Mié	637	0.9	27
	831	0.4	12		828	0.3	9		1051	0.4	12		945	0.5	15		945	0.5	15		1223	0.3	9
	1547	1.0	30		1538	1.4	43		1659	1.2	37		1557	0.9	27		1557	0.9	27		1736	0.8	24
	2343	-0.1	-3		2320	-0.3	-9		1753	1.0	30		2341	-0.1	-3		2341	-0.1	-3		1736	0.8	24
<b>5</b> Vie	626	0.5	15	<b>20</b> Sáb	541	0.5	15	<b>5</b>	6	-0.1	-3	<b>20</b> Mar	13	-0.3	-9	<b>5</b> Mié	654	0.7	21	<b>20</b> Jue	12	-0.2	-6
	914	0.4	12		940	0.3	9		716	0.5	15		700	0.9	27		1121	0.5	15		717	1.0	30
	1625	1.1	34		1632	1.4	43		958	0.4	12		1211	0.4	12		1640	0.8	24		1340	0.2	6
									1643	1.0	30		1753	1.0	30		2356	-0.1	-3		1833	0.6	18
<b>6</b> Sáb	16	-0.1	-3	<b>21</b> Dom	5	-0.3	-9	<b>6</b>	27	-0.1	-3	<b>21</b> Mié	49	-0.2	-6	<b>6</b> Jue	708	0.8	24	<b>21</b> Vie	42	-0.1	-3
	649	0.5	15		627	0.6	18		722	0.6	18		742	1.0	30		1244	0.4	12		756	1.1	34
	957	0.4	12		1050	0.3	9		1112	0.5	15		1330	0.3	9		1726	0.7	21		1453	0.1	3
	1702	1.1	34		1726	1.3	40		1722	1.0	30		1848	0.8	24		1726	0.7	21		1931	0.4	12
<b>7</b> Dom	47	-0.1	-3	<b>22</b> Lun	46	-0.3	-9	<b>7</b>	47	-0.1	-3	<b>22</b> Jue	121	-0.1	-3	<b>7</b> Vie	14	-0.1	-3	<b>22</b> Sáb	107	-0.1	-3
	711	0.5	15		712	0.7	21		738	0.7	21		823	1.1	34		732	1.0	30		833	1.2	37
	1042	0.4	12		1200	0.3	9		1224	0.5	15		1448	0.3	9		1400	0.3	9		1601	0.1	3
	1739	1.1	34		1819	1.2	37		1803	0.9	27		1946	0.6	18		1818	0.5	15		2032	0.3	9
<b>8</b> Lun	115	0.0	0	<b>23</b> Mar	126	-0.2	-6	<b>8</b>	106	0.0	0	<b>23</b> Vie	150	0.0	0	<b>8</b> Sáb	35	-0.1	-3	<b>23</b> Dom	128	0.0	0
	733	0.5	15		756	0.8	24		801	0.8	24		902	1.1	34		804	1.2	37		910	1.2	37
	1129	0.4	12		1310	0.3	9		1338	0.4	12		1605	0.2	6		1511	0.2	6		1706	0.0	0
	1816	1.0	30		1912	1.0	30		1848	0.7	21		2049	0.5	15		1916	0.4	12		2140	0.2	6
<b>9</b> Mar	142	0.0	0	<b>24</b> Mié	204	-0.1	-3	<b>9</b>	126	0.0	0	<b>24</b> Sáb	213	0.1	3	<b>9</b> Dom	101	-0.1	-3	<b>24</b> Lun	140	0.1	3
	757	0.5	15		841	0.9	27		831	1.0	30		941	1.2	37		842	1.3	40		945	1.2	37
	1221	0.3	9		1423	0.3	9		1454	0.3	9		1721	0.1	3		1619	0.1	3		1809	0.0	0
	1854	1.0	30		2006	0.9	27		1940	0.6	18		2204	0.3	9		2023	0.3	9		2306	0.1	3
<b>10</b> Mié	208	0.0	0	<b>25</b> Jue	238	0.0	0	<b>10</b>	149	0.0	0	<b>25</b> Dom	228	0.1	3	<b>10</b> Lun	132	-0.1	-3	<b>25</b> Mar	136	0.0	0
	825	0.6	18		924	1.0	30		907	1.1	34		1019	1.2	37		925	1.4	43		1021	1.2	37
	1319	0.3	9		1541	0.2	6		1611	0.2	6		1833	0.0	0		1724	0.0	0		1908	-0.1	-3
	1935	0.9	27		2105	0.7	21		2041	0.5	15		2348	0.2	6		2140	0.2	6		2140	0.2	6
<b>11</b> Jue	232	0.1	3	<b>26</b> Vie	309	0.1	3	<b>11</b>	215	0.0	0	<b>26</b> Lun	223	0.1	3	<b>11</b> Mar	207	-0.1	-3	<b>26</b> Mié	1056	1.2	37
	857	0.7	21		1007	1.0	30		949	1.3	40		1055	1.2	37		1012	1.5	46		2001	-0.1	-3
	1426	0.3	9		1702	0.2	6		1727	0.1	3		1937	0.0	0		1824	-0.1	-3		1824	-0.1	-3
	2020	0.8	24		2215	0.5	15		2157	0.3	9						2309	0.1	3		2309	0.1	3
<b>12</b> Vie	256	0.1	3	<b>27</b> Sáb	335	0.2	6	<b>12</b>	245	0.1	3	<b>27</b> Mar	1132	1.2	37	<b>12</b> Mié	249	0.0	0	<b>27</b> Jue	1131	1.2	37
	935	0.8	24		1050	1.1	34		1035	1.4	43		2030	-0.1	-3		1103	1.6	49		2046	-0.1	-3
	1542	0.3	9		1824	0.1	3		1837	0.0	0						1919	-0.2	-6		1919	-0.2	-6
	2113	0.7	21		2344	0.4	12		2329	0.2	6												
<b>13</b> Sáb	322	0.1	3	<b>28</b> Dom	353	0.3	9	<b>13</b>	322	0.1	3	<b>28</b> Mié	1208	1.2	37	<b>13</b> Jue	43	0.1	3	<b>28</b> Vie	1207	1.1	34
	1017	0.9	27		1131	1.1	34		1126	1.5	46		2115	-0.1	-3		341	0.0	0		2122	-0.2	-6
	1706	0.2	6		1939	0.1	3		1939	-0.1	-3						1156	1.6	49				
	2219	0.5	15														2011	-0.3	-9				
<b>14</b> Dom	351	0.2	6	<b>29</b> Lun	1211	1.1	34	<b>14</b>	110	0.2	6	<b>29</b> Jue	1245	1.2	37	<b>14</b> Vie	213	0.2	6	<b>29</b> Sáb	1244	1.1	34
	1104	1.1	34		2041	0.0	0		408	0.1	3		2152	-0.2	-6		448	0.1	3		2150	-0.2	-6
	1829	0.1	3						1220	1.5	46						1252	1.5	46				
	2341	0.4	12						2034	-0.2	-6						2059	-0.4	-12				
<b>15</b> Lun	425	0.2	6	<b>30</b> Mar	1251	1.1	34	<b>15</b>	241	0.3	9	<b>30</b> Vie	1322	1.2	37	<b>15</b> Sáb	325	0.3	9	<b>30</b> Dom	1322	1.0	30
	1156	1.2	37		2131	-0.1	-3		512	0.2	6		2223	-0.2	-6		615	0.2	6		2210	-0.2	-6
	1945	0.0	0						1316	1.5	46						1348	1.4	43				
									2124	-0.3	-9						2143	-0.4	-12				
			<b>31</b> Mié	1331	1.1	34										<b>31</b> Lun	1403	0.9	27				
				2212	-0.1	-3											2226	-0.1	-3				

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