

## Cristóbal, Mar Caribe año 2023

### 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					
<b>1</b> Dom	111	-0.1	-3		<b>16</b> Lun	746	1.2	37	<b>1</b> Mié	118	0.0	0	<b>16</b> Jue	36	-0.2	-6	<b>1</b> Mié	39	0.0	0	<b>16</b> Jue	718	1.3	40
	843	1.3	40	1539		0.0	0	929		1.2	37	836		1.4	43	810		1.1	34	1503		-0.3	-9	
	1623	0.0	0	1928		0.1	3	1754		-0.2	-6	1638		-0.3	-9	1601		-0.2	-6	2026		0.1	3	
	2056	0.2	6									2122		0.0	0	2130		0.1	3					
<b>2</b> Lun	130	0.0	0	<b>17</b> Mar	19	-0.1	-3	<b>2</b> Jue	1008	1.2	37	<b>17</b> Vie	124	-0.2	-6	<b>2</b> Jue	105	0.0	0	<b>17</b> Vie	37	-0.1	-3	
	922	1.3	40		822	1.3	40		1854	-0.2	-6		925	1.4	43		849	1.1	34		807	1.2	37	
	1733	-0.1	-3		1635	-0.1	-3		1728	-0.3	-9		1728	-0.3	-9		1652	-0.2	-6		1546	-0.3	-9	
	2224	0.1	3		2032	0.0	0		2225	0.0	0		2218	0.1	3		2218	0.1	3		2114	0.2	6	
<b>3</b> Mar	139	0.0	0	<b>18</b> Mié	47	-0.1	-3	<b>3</b> Vie	1047	1.1	34	<b>18</b> Sáb	219	-0.1	-3	<b>3</b> Vie	127	0.0	0	<b>18</b> Sáb	137	-0.1	-3	
	1001	1.3	40		904	1.4	43		1951	-0.2	-6		1016	1.3	40		928	1.0	30		858	1.1	34	
	1838	-0.2	-6		1729	-0.2	-6		2336	0.1	3		1816	-0.3	-9		1742	-0.1	-3		1629	-0.3	-9	
					2142	0.0	0						2336	0.1	3		2314	0.1	3		2209	0.3	9	
<b>4</b> Mié	1041	1.3	40	<b>19</b> Jue	121	-0.1	-3	<b>4</b> Sáb	1126	1.1	34	<b>19</b> Dom	326	0.0	0	<b>4</b> Sáb	144	0.0	0	<b>19</b> Dom	247	0.0	0	
	1938	-0.2	-6		951	1.5	46		2041	-0.2	-6		1111	1.2	37		1007	0.9	27		952	1.0	30	
					1822	-0.3	-9		1902	-0.3	-9		1902	-0.3	-9		1831	-0.1	-3		1711	-0.2	-6	
					2300	-0.1	-3														2309	0.4	12	

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

Julio				Agosto				Septiembre										
Hora		Nivel		Hora		Nivel		Hora		Nivel		Hora		Nivel				
	h	m	pies	cm		h	m	pies	cm		h	m	pies	cm				
<b>1</b> Sáb	649	-0.2	-6		<b>16</b> Dom	801	-0.3	-9		<b>1</b> Mar	728	-0.3	-9		<b>16</b> Mié	849	-0.1	-3
	1120	-0.1	-3			2344	1.2	37			1258	0.1	3			745	-0.1	-3
	1321	-0.2	-6								1534	0.0	0			1412	0.7	21
	2241	1.4	43								2358	1.4	43			1959	0.2	6
<b>2</b> Dom	737	-0.3	-9		<b>17</b> Lun	853	-0.3	-9		<b>2</b> Mié	810	-0.3	-9		<b>17</b> Jue	34	0.9	27
	2329	1.4	43								1414	0.2	6			919	0.0	0
<b>3</b> Lun	821	-0.4	-12		<b>18</b> Mar	25	1.1	34		<b>3</b> Jue	55	1.2	37		<b>18</b> Vie	119	0.8	24
						936	-0.3	-9			849	-0.3	-9			938	0.0	0
											1513	0.4	12			1710	0.4	12
<b>4</b> Mar	21	1.4	43		<b>19</b> Mié	104	1.1	34		<b>4</b> Vie	156	1.1	34		<b>19</b> Sáb	211	0.7	21
	901	-0.4	-12			1010	-0.2	-6			926	-0.3	-9			950	0.1	3
											1603	0.6	18			1650	0.5	15
											2059	0.2	6			2155	0.4	12
<b>5</b> Mié	114	1.4	43		<b>20</b> Jue	142	1.0	30		<b>5</b> Sáb	301	0.9	27		<b>20</b> Dom	311	0.6	18
	938	-0.5	-15			1034	-0.2	-6			1001	-0.2	-6			957	0.1	3
											1649	0.8	24			1655	0.7	21
<b>6</b> Jue	209	1.3	40		<b>21</b> Vie	221	0.9	27		<b>6</b> Dom	410	0.7	21		<b>21</b> Lun	413	0.5	15
	1013	-0.5	-15			1050	-0.2	-6			1036	-0.2	-6			1004	0.1	3
	1705	0.4	12								1733	1.0	30			1712	0.8	24
	2010	0.3	9															
<b>7</b> Vie	305	1.1	34		<b>22</b> Sáb	302	0.8	24		<b>7</b> Lun	6	0.1	3		<b>22</b> Mar	19	0.2	6
	1046	-0.4	-12			1102	-0.1	-3			520	0.5	15			511	0.4	12
	1738	0.6	18			1830	0.5	15			1111	-0.1	-3			1014	0.1	3
	2205	0.3	9			2240	0.4	12			1816	1.2	37			1736	1.0	30
<b>8</b> Sáb	403	0.9	27		<b>23</b> Dom	347	0.6	18		<b>8</b> Mar	118	-0.1	-3		<b>23</b> Mié	108	0.1	3
	1118	-0.4	-12			1110	-0.1	-3			628	0.4	12			602	0.3	9
	1815	0.8	24			1828	0.7	21			1145	-0.1	-3			1032	0.1	3
	2345	0.2	6								1859	1.3	40			1807	1.1	34
<b>9</b> Dom	504	0.7	21		<b>24</b> Lun	13	0.3	9		<b>9</b> Mié	222	-0.1	-3		<b>24</b> Jue	153	0.0	0
	1149	-0.3	-9			436	0.5	15			734	0.3	9			645	0.2	6
	1854	1.0	30			1118	-0.1	-3			1218	0.0	0			1058	0.1	3
						1839	0.8	24			1942	1.3	40			1844	1.2	37
<b>10</b> Lun	115	0.1	3		<b>25</b> Mar	125	0.2	6		<b>10</b> Jue	322	-0.2	-6		<b>25</b> Vie	237	-0.1	-3
	608	0.5	15			529	0.4	12			837	0.2	6			726	0.2	6
	1218	-0.3	-9			1128	0.0	0			1248	0.0	0			1132	0.0	0
	1934	1.1	34			1900	1.0	30			2025	1.3	40			1925	1.3	40
<b>11</b> Mar	235	0.0	0		<b>26</b> Mié	225	0.1	3		<b>11</b> Vie	420	-0.2	-6		<b>26</b> Sáb	322	-0.1	-3
	716	0.3	9			624	0.3	9			938	0.2	6			807	0.2	6
	1246	-0.2	-6			1142	-0.1	-3			1314	0.0	0			1213	0.0	0
	2014	1.3	40			1928	1.1	34			2108	1.3	40			2009	1.4	43
<b>12</b> Mié	348	-0.1	-3		<b>27</b> Jue	319	0.0	0		<b>12</b> Sáb	518	-0.2	-6		<b>27</b> Dom	407	-0.1	-3
	829	0.2	6			718	0.1	3			1043	0.1	3			853	0.2	6
	1311	-0.1	-3			1201	-0.1	-3			1333	0.0	0			1301	0.0	0
	2055	1.3	40			2003	1.3	40			2150	1.3	40			2056	1.4	43
<b>13</b> Jue	456	-0.2	-6		<b>28</b> Vie	412	-0.1	-3		<b>13</b> Dom	617	-0.2	-6		<b>28</b> Lun	452	-0.1	-3
	948	0.1	3			813	0.1	3			2231	1.2	37			948	0.2	6
	1330	-0.1	-3			1228	-0.1	-3								1356	0.0	0
	2137	1.3	40			2042	1.4	43								2146	1.4	43
<b>14</b> Vie	600	-0.3	-9		<b>29</b> Sáb	503	-0.2	-6		<b>14</b> Lun	715	-0.1	-3		<b>29</b> Mar	537	-0.1	-3
	1124	0.0	0			911	0.0	0			2312	1.1	34			1052	0.2	6
	1335	-0.1	-3			1301	-0.1	-3								1502	0.1	3
	2220	1.3	40			2126	1.4	43								2239	1.3	40
<b>15</b> Sáb	703	-0.3	-9		<b>30</b> Dom	554	-0.2	-6		<b>15</b> Mar	807	-0.1	-3		<b>30</b> Mié	621	-0.1	-3
	2302	1.3	40			1017	0.0	0			2352	1.0	30			1202	0.4	12
						1341	-0.1	-3								1626	0.1	3
						2214	1.5	46								2338	1.1	34
<b>31</b> Lun					<b>31</b> Lun	643	-0.2	-6		<b>31</b> Jue	703	-0.1	-3		<b>31</b> Jue	703	-0.1	-3
						1134	0.0	0			1310	0.5	15			1310	0.5	15
						1429	-0.1	-3			1809	0.2	6			1809	0.2	6
						2304	1.4	43										

