

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2021

January				February				March															
Hour	Height			Hour	Height			Hour	Height			Hour	Height										
	h	m	cm		h	m	cm		h	m	cm		h	m	cm								
1 Fri	505	15.2	463	16 Sat	601	15.7	479	1 Mon	9	-0.2	-6	16 Tue	41	0.4	12	1 Mon	513	16.2	494	16 Tue	551	14.8	451
	1124	0.2	6		1205	-0.6	-18		615	15.7	479		655	14.3	436		1124	-1.8	-55		1150	0.0	0
	1739	15.1	460		1831	15.9	485		1225	-0.8	-24		1256	0.5	15		1736	16.8	512		1806	15.3	466
	2345	1.5	46						1841	16.1	491		1914	14.8	451		2348	-1.7	-52				
2 Sat	547	15.2	463	17 Sun	27	0.7	21	2 Tue	52	-0.2	-6	17 Wed	120	1.1	34	2 Tue	557	16.4	500	17 Wed	10	0.0	0
	1203	0.3	9		645	15.1	460		659	15.5	472		730	13.6	415		1205	-1.7	-52		624	14.4	439
	1819	15.2	463		1247	0.1	3		1309	-0.4	-12		1335	1.4	43		1818	16.9	515		1224	0.6	18
				1912	15.4	469	1923	15.9	485	1948	14.1	430				1837	14.9	454					
3 Sun	26	1.5	46	18 Mon	111	1.3	40	3 Wed	139	0.2	6	18 Thu	201	1.8	55	3 Wed	31	-1.6	-49	18 Thu	46	0.6	18
	630	15.1	460		726	14.4	439		744	15.0	457		805	12.8	390		641	16.2	494		656	13.8	421
	1244	0.5	15		1330	1.0	30		1356	0.3	9		1416	2.4	73		1248	-1.2	-37		1259	1.4	43
	1859	15.2	463		1952	14.8	451		2008	15.5	472		2023	13.3	405		1902	16.6	506		1908	14.3	436
4 Mon	111	1.7	52	19 Tue	157	2.0	61	4 Thu	231	0.7	21	19 Fri	246	2.6	79	4 Thu	117	-1.0	-30	19 Fri	123	1.4	43
	714	14.8	451		806	13.5	411		834	14.2	433		843	11.9	363		727	15.5	472		729	13.1	399
	1329	1.0	30		1414	2.0	61		1449	1.1	34		1501	3.4	104		1335	-0.3	-9		1337	2.4	73
	1942	15.1	460		2031	14.0	427		2059	14.8	451		2102	12.5	381		1947	15.9	485		1940	13.5	411
5 Tue	201	1.9	58	20 Wed	245	2.7	82	5 Fri	329	1.3	40	20 Sat	335	3.3	101	5 Fri	208	-0.2	-6	20 Sat	204	2.2	67
	801	14.4	439		849	12.6	384		932	13.4	408		932	11.1	338		816	14.6	445		804	12.3	375
	1419	1.5	46		1501	2.9	88		1547	2.0	61		1553	4.2	128		1427	0.8	24		1420	3.4	104
	2030	14.9	454		2114	13.3	405		2159	14.1	430		2154	11.8	360		2037	14.9	454		2016	12.7	387
6 Wed	256	2.1	64	21 Thu	335	3.3	101	6 Sat	432	1.8	55	21 Sun	432	3.8	116	6 Sat	306	0.8	24	21 Sun	250	3.0	91
	854	13.9	424		938	11.8	360		1043	12.8	390		1040	10.6	323		914	13.5	411		846	11.5	351
	1514	2.0	61		1551	3.7	113		1653	2.6	79		1655	4.7	143		1527	2.0	61		1511	4.2	128
	2124	14.6	445		2204	12.6	384		2312	13.6	415		2303	11.4	347		2138	13.7	418		2102	11.9	363
7 Thu	355	2.2	67	22 Fri	429	3.7	113	7 Sun	541	2.0	61	22 Mon	537	3.9	119	7 Sun	410	1.7	52	22 Mon	346	3.7	113
	957	13.4	408		1038	11.2	341		1201	12.6	384		1200	10.6	323		1026	12.6	384		945	10.9	332
	1613	2.4	73		1646	4.3	131		1805	2.9	88		1805	4.7	143		1635	2.9	88		1613	4.8	146
	2228	14.3	436		2302	12.2	372										2255	12.9	393		2208	11.3	344
8 Fri	458	2.2	67	23 Sat	527	3.9	119	8 Mon	27	13.5	411	23 Tue	17	11.5	351	8 Mon	521	2.2	67	23 Tue	451	4.0	122
	1108	13.2	402		1147	11.0	335		652	1.8	55		646	3.5	107		1149	12.3	375		1109	10.8	329
	1718	2.7	82		1746	4.6	140		1314	13.0	396		1308	11.2	341		1751	3.3	101		1725	4.8	146
	2337	14.4	439						1918	2.7	82		1916	4.2	128						2333	11.3	344
9 Sat	604	1.9	58	24 Sun	4	12.2	372	9 Tue	134	13.9	424	24 Wed	119	12.2	372	9 Tue	18	12.7	387	24 Wed	601	3.8	116
	1220	13.5	411		628	3.7	113		759	1.2	37		748	2.7	82		636	2.3	70		1226	11.4	347
	1825	2.6	79		1250	11.3	344		1416	13.7	418		1401	12.2	372		1305	12.7	387		1839	4.3	131
					1850	4.5	137		2023	2.0	61		2015	3.2	98		1908	3.0	91				
10 Sun	43	14.7	448	25 Mon	100	12.5	381	10 Wed	234	14.4	439	25 Thu	211	13.0	396	10 Wed	129	13.1	399	25 Thu	45	12.0	366
	711	1.4	43		728	3.2	98		855	0.4	12		839	1.6	49		745	1.7	52		708	3.0	91
	1324	14.0	427		1344	11.9	363		1511	14.4	439		1447	13.3	405		1407	13.4	408		1325	12.5	381
	1932	2.2	67		1950	4.0	122		2117	1.1	34		2104	1.9	58		2013	2.2	67		1942	3.1	94
11 Mon	143	15.2	463	26 Tue	150	13.0	396	11 Thu	327	14.8	451	26 Fri	259	14.0	427	11 Thu	227	13.7	418	26 Fri	142	13.0	396
	812	0.6	18		821	2.3	70		943	-0.4	-12		924	0.4	12		841	1.0	30		805	1.9	58
	1423	14.7	448		1431	12.6	384		1601	15.0	457		1530	14.4	439		1458	14.2	433		1413	13.7	418
	2033	1.5	46		2042	3.1	94		2204	0.4	12		2147	0.6	18		2105	1.3	40		2034	1.6	49
12 Tue	239	15.6	475	27 Wed	237	13.6	415	12 Fri	416	15.2	463	27 Sat	344	14.9	454	12 Fri	317	14.2	433	27 Sat	231	14.2	433
	907	-0.2	-6		907	1.4	43		1026	-0.8	-24		1004	-0.7	-21		927	0.3	9		854	0.6	18
	1518	15.3	466		1515	13.4	408		1646	15.5	472		1612	15.4	469		1543	14.8	451		1458	15.0	457
	2127	0.8	24		2128	2.2	67		2246	-0.1	-3		2227	-0.5	-15		2148	0.5	15		2120	0.1	3
13 Wed	333	15.9	485	28 Thu	321	14.2	433	13 Sat	501	15.3	466	28 Sun	429	15.7	479	13 Sat	401	14.7	448	28 Sun	318	15.3	466
	956	-0.8	-24		949	0.5	15		1105	-1.0	-30		1044	-1.4	-43		1006	-0.2	-6		937	-0.6	-18
	1611	15.7	479		1557	14.2	433		1727	15.7	479		1654	16.2	494		1623	15.3	466		1541	16.2	494
	2215	0.3	9		2209	1.3	40		2325	-0.2	-6		2307	-1.3	-40		2226	-0.1	-3		2203	-1.2	-37
14 Thu	425	16.1	491	29 Fri	405	14.8	451	14 Sun	542	15.2	463	14 Sun	440	14.9	454	14 Sun	404	16.2	494	29 Mon	404	16.2	494
	1041	-1.1	-34		1028	-0.3	-9		1142	-0.8	-24		1042	-0.5	-15		1019	-1.5	-46		1019	-1.5	-46
	1701	16.0	488		1639	14.9	454		1805	15.7	479		1700	15.5	472		1700	15.5	472		1625	17.0	518
	2300	0.1	3		2248	0.5	15						2301	-0.3	-9		2301	-0.3	-9		2244	-2.0	-61
15 Fri	515	16.0	488	30 Sat	449	15.3	466	15 Mon	3	0.0	0	15 Mon	517	14.9	454	15 Mon	450	16.8	512	30 Tue	450	16.8	512
	1123	-1.0	-30		1106	-0.8	-24		620	14.9	454		1116	-0.4	-12		1101	-1.9	-58		1101	-1.9	-58
	1748	16.1	491		1719	15.5	472		1219	-0.2	-6		1734	15.5	472		1710	17.5	533		1710	17.5	533
	2344	0.2	6		2328	0.0	0		1841	15.4	469		2336	-0.3	-9		2326	-2.4	-73		2326	-2.4	-73
				31 Sun	532	15.6	475							31 Wed	536	17.0	518						
					1145	-1.0	-30								1143	-1.8	-55						
					1800	15.9	485								1755	17.5	533						

Canal de Panamá (HIAM)

Ayax Murillo Burgos



New Moon



First Quarter



Full Moon



Last Quarter

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2021

April				May				June																									
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 Thu	10	-2.2	-67		16 Fri	16	0.7	21		1 Sat	39	-1.3	-40		16 Sun	28	1.5	46		1 Tue	209	1.2	37		16 Wed	131	2.2	67					
	623	16.7	509			627	14.0	427			658	16.3	497			641	13.9	424			834	15.1	460			744	14.3	436					
	1228	-1.2	-37			1230	1.9	58			1300	0.4	12			1246	3.1	94			1440	2.7	82			1400	3.5	107		1956	13.9	424	
	1841	17.1	521			1835	14.4	439			1914	16.3	497			1846	14.1	430			2053	14.2	433										
2 Fri	57	-1.5	-46		17 Sat	52	1.4	43		2 Sun	131	-0.2	-6		17 Mon	107	2.1	64		2 Wed	308	2.2	67		17 Thu	219	2.6	79					
	711	16.0	488			701	13.5	411			751	15.4	469			719	13.6	415			933	14.4	439			829	14.2	433					
	1316	-0.2	-6			1307	2.8	85			1356	1.6	49			1329	3.7	113			1543	3.4	104			1454	3.6	110					
	1929	16.1	491			1908	13.8	421			2009	15.1	460			1925	13.6	415			2157	13.3	405			2047	13.6	415					
3 Sat	149	-0.4	-12		18 Sun	131	2.2	67		3 Mon	229	1.1	34		18 Tue	152	2.8	85		3 Thu	409	3.0	91		18 Fri	312	2.9	88					
	803	15.0	457			736	12.9	393			850	14.5	442			800	13.2	402			1037	13.9	424			921	14.2	433					
	1410	1.1	34			1350	3.6	110			1459	2.7	82			1420	4.2	128			1646	3.7	113			1552	3.5	107					
	2021	14.9	454			1945	13.1	399			2111	13.9	424			2011	13.1	399			2307	12.8	390			2147	13.4	408					
4 Sun	247	0.9	27		19 Mon	217	3.0	91		4 Tue	333	2.1	64		19 Wed	243	3.3	101		4 Fri	508	3.5	107		19 Sat	409	3.1	94					
	901	13.8	421			818	12.3	375			958	13.6	415			850	13.0	396			1140	13.8	421			1022	14.3	436					
	1512	2.3	70			1441	4.3	131			1607	3.4	104			1518	4.4	134			1747	3.8	116			1652	3.1	94					
	2124	13.6	415			2030	12.4	378			2225	13.0	396			2108	12.6	384								2256	13.4	408					
5 Mon	352	1.9	58		20 Tue	310	3.6	110		5 Wed	440	2.9	88		20 Thu	341	3.6	110		5 Sat	12	12.7	387		20 Sun	509	3.0	91					
	1013	12.9	393			912	11.8	360			1113	13.3	405			951	12.9	393			1236	13.9	424			1127	14.7	448					
	1623	3.2	98			1543	4.8	146			1718	3.7	113			1621	4.3	131			1845	3.5	107			1754	2.6	79					
	2242	12.7	387			2132	11.8	360			2344	12.7	387			2218	12.5	381															
6 Tue	503	2.6	79		21 Wed	413	3.9	119		6 Thu	547	3.2	98		21 Fri	442	3.5	107		6 Sun	107	12.9	393		21 Mon	3	13.9	424					
	1136	12.6	384			1025	11.7	357			1222	13.5	411			1100	13.3	405			702	3.8	116			612	2.7	82					
	1738	3.6	110			1652	4.7	143			1825	3.5	107			1725	3.7	113			1322	14.1	430			1228	15.4	469					
						2252	11.7	357								2331	13.0	396			1937	3.1	94			1857	1.8	55					
7 Wed	7	12.5	381		22 Thu	520	3.8	116		7 Fri	51	12.9	393		22 Sat	545	3.2	98		7 Mon	153	13.2	402		22 Tue	105	14.6	445					
	616	2.7	82			1142	12.2	372			649	3.1	94			1204	14.2	433			752	3.5	107			715	2.2	67					
	1250	13.0	396			1801	4.1	125			1317	13.9	424			1828	2.8	85			1403	14.4	439			1325	16.1	491					
	1852	3.3	101								1925	3.0	91								2023	2.6	79			1957	0.8	24					
8 Thu	117	12.9	393		23 Fri	9	12.3	375		8 Sat	144	13.3	405		23 Sun	35	13.8	421		8 Tue	234	13.5	411		23 Wed	201	15.4	469					
	723	2.4	73			626	3.2	98			744	2.8	85			647	2.5	76			837	3.2	98			816	1.5	46					
	1348	13.6	415			1245	13.3	405			1402	14.4	439			1300	15.2	463			1441	14.7	448			1419	16.7	509					
	1955	2.6	79			1905	3.0	91			2015	2.4	73			1927	1.6	49			2104	2.0	61			2052	-0.1	-3					
9 Fri	212	13.4	408		24 Sat	109	13.4	408		9 Sun	228	13.7	418		24 Mon	131	14.8	451		9 Wed	313	13.9	424		24 Thu	257	16.0	488					
	818	1.8	55			726	2.2	67			830	2.4	73			746	1.6	49			918	2.8	85			911	0.8	24					
	1435	14.3	436			1336	14.5	442			1441	14.8	451			1352	16.3	497			1517	14.9	454			1513	17.1	521					
	2045	1.7	52			2001	1.6	49			2056	1.7	52			2022	0.4	12			2142	1.5	46			2143	-0.8	-24					
10 Sat	257	14.0	427		25 Sun	201	14.6	445		10 Mon	307	14.0	427		25 Tue	223	15.8	482		10 Thu	351	14.1	430		25 Fri	352	16.5	503					
	902	1.2	37			820	1.0	30			910	2.0	61			840	0.7	21			957	2.6	79			1002	0.3	9					
	1516	14.8	451			1424	15.8	482			1517	15.1	460			1441	17.1	521			1555	15.1	460			1608	17.3	527					
	2125	1.0	30			2051	0.1	3			2133	1.1	34			2112	-0.8	-24			2219	1.1	34			2231	-1.2	-37					
11 Sun	337	14.4	439		26 Mon	250	15.7	479		11 Tue	343	14.3	436		26 Wed	315	16.5	503		11 Fri	429	14.3	436		26 Sat	447	16.8	512					
	941	0.8	24			908	-0.1	-3			947	1.7	52			930	-0.1	-3			1034	2.4	73			1051	0.2	6					
	1552	15.2	463			1510	16.9	515			1551	15.3	466			1532	17.7	540			1633	15.1	460			1702	17.2	524					
	2201	0.4	12			2137	-1.2	-37			2208	0.7	21			2200	-1.5	-46			2255	1.0	30			2319	-1.2	-37					
12 Mon	414	14.6	445		27 Tue	338	16.6	506		12 Wed	419	14.5	442		27 Thu	407	17.0	518		12 Sat	508	14.5	442		27 Sun	540	16.9	515					
	1016	0.5	15			953	-1.0	-30			1022	1.6	49			1018	-0.5	-15			1111	2.5	76			1139	0.4	12					
	1626	15.4	469			1557	17.6	536			1625	15.3	466			1623	17.8	543			1711	15.0	457			1756	16.9	515					
	2235	0.0	0			2221	-2.1	-64			2242	0.6	18			2247	-1.8	-55			2331	1.1	34										
13 Tue	448	14.7	448		28 Wed	427	17.1	521		13 Thu	454	14.5	442		28 Fri	500	17.2	524		13 Sun	547	14.5	442		28 Mon	6	-0.7	-21					
	1049	0.5	15			1038	-1.4	-43			1056	1.7	52			1105	-0.5	-15			1149	2.6	79			632	16.7	509					
	1659	15.5	472			1645	17.9	546			1659	15.2	463			1716	17.7	540			1750	14.8	451			1229	0.9	27					
	2308	0.0	0			2305	-2.4	-73			2316	0.6	18			2334	-1.6	-49								1847	16.3	497					
14 Wed	522	14.7	448		29 Thu	517																											

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2021

July				August				September															
Day	Hour	Height		Day	Hour	Height		Day	Hour	Height		Day	Hour	Height									
	h m	ft	cm		h m	ft	cm		h m	ft	cm		h m	ft	cm								
1 Thu 	236	2.1	64	16 Fri	154	1.8	55	1 Sun	335	3.8	116	16 Mon	315	2.5	76	1 Wed	442	5.4	165	16 Thu	516	3.9	119
	859	14.9	454		805	15.3	466		949	13.5	411		923	14.9	454		1053	12.1	369		1141	13.7	418
	1509	3.1	94		1428	2.5	76		1611	4.0	122		1557	2.4	73		1722	4.8	146		1801	3.1	94
	2119	13.5	411		2025	14.4	439		2221	12.0	366		2202	13.6	415		2349	11.4	347				
2 Fri	329	3.0	91	17 Sat 	244	2.2	67	2 Mon	429	4.6	140	17 Tue	417	3.1	94	2 Thu	551	5.6	171	17 Fri	29	13.6	415
	951	14.2	433		853	15.0	457		1046	12.9	393		1031	14.4	439		1207	12.2	372		632	3.7	113
	1605	3.6	110		1523	2.6	79		1708	4.3	131		1703	2.7	82		1829	4.5	137		1256	14.1	430
	2218	12.8	390		2120	13.9	424		2328	11.7	357		2319	13.3	405						1911	2.6	79
3 Sat	423	3.7	113	18 Sun	340	2.6	79	3 Tue	527	5.0	152	18 Wed	527	3.5	107	3 Fri	56	12.0	366	18 Sat	134	14.4	439
	1048	13.7	418		950	14.8	451		1147	12.7	387		1148	14.2	433		659	5.1	155		741	3.0	91
	1701	3.9	119		1622	2.6	79		1808	4.3	131		1814	2.6	79		1308	12.8	390		1357	14.7	448
	2321	12.3	375		2225	13.6	415										1931	3.8	116		2012	1.8	55
4 Sun	518	4.2	128	19 Mon	440	2.9	88	4 Wed	33	11.8	360	19 Thu	35	13.6	415	4 Sat	148	12.8	390	19 Sun	228	15.2	463
	1145	13.5	411		1055	14.7	448		630	5.1	155		640	3.4	104		758	4.2	128		837	2.0	61
	1758	4.0	122		1726	2.5	76		1246	12.9	393		1259	14.6	445		1358	13.6	415		1449	15.4	469
					2337	13.7	418		1909	4.0	122		1924	2.1	64		2022	2.8	85		2101	1.1	34
5 Mon	21	12.3	375	20 Tue	545	3.0	91	5 Thu	129	12.2	372	20 Fri	141	14.3	436	5 Sun	232	13.8	421	20 Mon	315	15.9	485
	614	4.5	137		1203	15.0	457		731	4.7	143		749	2.7	82		846	3.0	91		924	1.1	34
	1237	13.5	411		1832	2.1	64		1337	13.3	405		1401	15.1	460		1443	14.5	442		1535	15.9	485
	1854	3.8	116						2004	3.3	101		2025	1.2	37		2106	1.7	52		2144	0.5	15
6 Tue	114	12.5	381	21 Wed	45	14.1	430	6 Fri	217	12.9	393	21 Sat	239	15.1	460	6 Mon	312	14.8	451	21 Tue	357	16.4	500
	711	4.4	134		653	2.8	85		825	4.1	125		848	1.8	55		928	1.9	58		1004	0.5	15
	1324	13.7	418		1307	15.4	469		1423	13.9	424		1457	15.7	479		1525	15.4	469		1617	16.1	491
	1947	3.3	101		1937	1.5	46		2052	2.5	76		2117	0.4	12		2146	0.7	21		2222	0.2	6
7 Wed	201	12.9	393	22 Thu	148	14.7	448	7 Sat	301	13.6	415	22 Sun	331	15.9	485	7 Tue	351	15.8	482	22 Wed	436	16.6	506
	804	4.1	125		759	2.2	67		912	3.2	98		939	1.0	30		1008	0.8	24		1042	0.2	6
	1407	14.0	427		1406	15.9	485		1507	14.5	442		1548	16.2	494		1607	16.1	491		1656	16.1	491
	2034	2.7	82		2037	0.6	18		2133	1.6	49		2203	-0.2	-6		2224	0.0	0		2258	0.2	6
8 Thu	244	13.3	405	23 Fri	246	15.4	469	8 Sun	342	14.4	439	23 Mon	419	16.4	500	8 Wed	430	16.6	506	23 Thu	513	16.6	506
	851	3.6	110		858	1.5	46		953	2.3	70		1023	0.4	12		1046	0.0	0		1117	0.3	9
	1448	14.4	439		1503	16.4	500		1550	15.0	457		1636	16.4	500		1648	16.7	509		1733	15.9	485
	2117	2.1	64		2130	-0.2	-6		2212	0.9	27		2244	-0.5	-15		2302	-0.5	-15		2333	0.6	18
9 Fri	326	13.8	421	24 Sat	341	16.1	491	9 Mon	422	15.1	460	24 Tue	503	16.7	509	9 Thu	510	17.1	521	24 Fri	548	16.3	497
	934	3.1	94		950	0.8	24		1032	1.6	49		1104	0.2	6		1125	-0.5	-15		1153	0.6	18
	1529	14.7	448		1558	16.7	509		1631	15.5	472		1720	16.4	500		1731	16.9	515		1808	15.5	472
	2156	1.5	46		2218	-0.7	-21		2249	0.4	12		2323	-0.3	-9		2341	-0.5	-15				
10 Sat	407	14.2	433	25 Sun	434	16.5	503	10 Tue	501	15.7	479	25 Wed	545	16.7	509	10 Fri	551	17.3	527	25 Sat	8	1.3	40
	1014	2.6	79		1038	0.4	12		1110	1.1	34		1144	0.3	9		1206	-0.5	-15		621	15.8	482
	1611	15.0	457		1651	16.8	512		1713	15.9	485		1801	16.1	491		1814	16.8	512		1228	1.3	40
	2234	1.1	34		2303	-0.8	-24		2327	0.1	3										1842	14.8	451
11 Sun	447	14.6	445	26 Mon	525	16.8	512	11 Wed	540	16.1	491	26 Thu	2	0.2	6	11 Sat	22	-0.2	-6	26 Sun	44	2.2	67
	1052	2.3	70		1124	0.3	9		1149	0.8	24		623	16.4	500		633	17.2	524		654	15.1	460
	1652	15.1	460		1741	16.6	506		1754	16.0	488		1223	0.8	24		1249	-0.1	-3		1306	2.2	67
	2311	0.8	24		2346	-0.6	-18						1840	15.5	472		1858	16.3	497		1916	14.0	427
12 Mon	527	15.0	457	27 Tue	612	16.7	509	12 Thu	5	0.1	3	27 Fri	40	0.9	27	12 Sun	106	0.6	18	27 Mon	122	3.2	98
	1131	2.1	64		1208	0.6	18		619	16.4	500		700	15.9	485		718	16.7	509		728	14.3	436
	1733	15.2	463		1827	16.2	494		1229	0.7	21		1303	1.5	46		1338	0.7	21		1348	3.1	94
	2349	0.8	24						1835	16.0	488		1917	14.7	448		1946	15.6	475		1953	13.2	402
13 Tue	605	15.2	463	28 Wed	30	0.0	0	13 Fri	45	0.4	12	28 Sat	120	1.9	58	13 Mon	157	1.6	49	28 Tue	206	4.2	128
	1210	2.0	61		655	16.4	500		658	16.4	500		735	15.1	460		806	15.8	482		806	13.4	408
	1814	15.2	463		1253	1.2	37		1313	1.0	30		1345	2.4	73		1433	1.6	49		1436	4.0	122
					1911	15.5	472		1918	15.6	475						1954	13.8	421		2040	14.6	445
14 Wed	27	1.0	30	29 Thu	113	0.9	27	14 Sat	129	1.0	30	29 Sun	201	3.0	91	14 Tue	255	2.6	79	29 Wed	259	5.1	155
	644	15.3	466		737	15.8	482		741	16.1	491		812	14.3	436		904	14.8	451		852	12.6	384
	1252	2.1	64		1340	1.9	58		1402	1.4	43		1430	3.2	98		1536	2.4	73		1532	4.7	143
	1855	15.1	460		1953	14.6	445		2004	15.1	460		2034	12.9	393		2147	13.7	418		2136	11.7	357
15 Thu	109	1.3	40	30 Fri	159	1.9	58	15 Sun	219	1.7	52	30 Mon	248	4.0	122	15 Wed	402	3.5	107	30 Thu	403	5.7	174
	723	15.4	469		818	15.1	460		828	15.6	475		853	13.4	408		1016	14.0	427		959	11.9	363
	1338	2.3	70		1428	2.7	82		1456	1.9	58		1521	4.0	122		1647	3.0	91		1638	5.0	152
	1938	14.8	451		2036	13.7	418		2058	14.3	436		2122	12.0	366		2122	12.0	366		2309	13.3	405
			31 Sat 	246	2.9	88				31 Tue	341	4.9	149										
				901	14.3	436					944	12.6	384										
				1518	3.4	104																	
				2124	12.8	390																	



Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2021

October				November				December											
Day	Hour		Height		Day	Hour		Height		Day	Hour		Height						
	h	m	ft	cm		h	m	ft	cm		h	m	ft	cm					
1 Fri	514	5.8	177		1 Mon	27	13.5	411		1 Wed	35	14.7	448		16 Thu	149	14.3	436	
	1124	11.9	363			645	4.0	122			701	2.4	73			807	2.6	79	
	1747	4.9	149			1252	13.5	411			1307	14.4	439			1423	13.5	411	
					1904	3.4	104			1919	2.5	76			2023	3.3	101		
2 Sat	16	12.1	369		2 Tue	116	14.7	448		2 Thu	126	15.8	482		17 Fri	229	14.5	442	
	624	5.2	158			739	2.7	82			756	1.2	37			850	2.0	61	
	1235	12.5	381			1341	14.7	448			1358	15.4	469			1503	13.8	421	
	1851	4.2	128		1957	2.3	70		2053	2.4	73		2014	1.5	46				
3 Sun	112	13.1	399		3 Wed	201	15.9	485		3 Fri	215	16.8	512		18 Sat	307	14.7	448	
	725	4.2	128			828	1.2	37			847	-0.1	-3			929	1.5	46	
	1328	13.5	411			1427	15.8	482			1448	16.3	497			1541	14.1	430	
	1946	3.2	98		2045	1.1	34		2105	0.6	18		2145	2.6	79				
4 Mon	156	14.3	436		4 Thu	245	17.0	518		4 Sat	304	17.5	533		19 Sun	344	14.9	454	
	815	2.8	85			913	-0.1	-3			936	-1.1	-34			1006	1.1	34	
	1414	14.7	448			1512	16.8	512			1539	17.0	518			1619	14.3	436	
	2034	2.0	61		2129	0.2	6		2153	-0.1	-3		2222	2.3	70				
5 Tue	237	15.5	472		5 Fri	329	17.8	543		5 Sun	355	17.9	546		20 Mon	422	14.9	454	
	900	1.4	43			957	-1.1	-34			1022	-1.7	-52			1042	0.9	27	
	1457	15.8	482			1559	17.4	530			1631	17.3	527			1657	14.5	442	
	2116	0.8	24		2213	-0.5	-15		2242	2.0	61		2241	-0.4	-12				
6 Wed	317	16.6	506		6 Sat	415	18.3	558		6 Mon	447	17.9	546		21 Tue	500	14.9	454	
	941	0.2	6			1040	-1.6	-49			1109	-1.7	-52			1117	0.9	27	
	1539	16.7	509			1647	17.7	540			1724	17.4	530			1734	14.5	442	
	2157	-0.1	-3		2257	-0.6	-18		2317	2.3	70		2329	-0.3	-9				
7 Thu	359	17.4	530		7 Sun	503	18.3	558		7 Mon	519	15.3	466		22 Wed	538	14.7	448	
	1021	-0.8	-24			1124	-1.6	-49			1136	1.2	37			1153	1.1	34	
	1623	17.3	527			1737	17.6	536			1751	14.7	448			1817	17.1	521	
	2237	-0.7	-21		2343	-0.2	-6		2352	2.7	82								
8 Fri	441	17.9	546		8 Mon	553	17.9	546		8 Tue	555	14.9	454		23 Thu	14	2.5	76	
	1101	-1.3	-40			1211	-1.0	-30			1212	1.7	52			616	14.4	439	
	1708	17.5	533			1828	17.1	521			1827	14.3	436			1230	1.5	46	
	2318	-0.7	-21							1910	16.6	506		1847	14.4	439			
9 Sat	525	18.1	552		9 Tue	31	0.6	18		9 Wed	112	1.1	34		24 Fri	54	2.9	88	
	1143	-1.2	-37			644	17.1	521			728	16.0	488			654	14.1	430	
	1753	17.4	530			1301	0.0	0			1250	2.4	73			1310	2.0	61	
				1921	16.4	500		1904	13.9	424		2004	15.9	485					
10 Sun	0	-0.3	-9		10 Wed	126	1.6	49		10 Thu	113	3.9	119		25 Sat	138	3.2	98	
	611	17.7	540			739	16.0	488			710	13.8	421			734	13.7	418	
	1228	-0.7	-21			1358	1.2	37			1333	3.1	94			1354	2.5	76	
	1841	16.9	515		2018	15.4	469		1944	13.5	411		2101	15.1	460				
11 Mon	47	0.5	15		11 Thu	227	2.7	82		11 Fri	201	4.5	137		26 Sat	227	3.4	104	
	659	17.0	518			840	14.8	451			753	13.2	402			819	13.3	405	
	1318	0.3	9			1501	2.3	70			1422	3.7	113			1443	2.9	88	
	1932	16.0	488		2124	14.6	445		2029	13.2	402		2204	14.4	439				
12 Tue	139	1.7	52		12 Fri	336	3.5	107		12 Sat	257	4.8	146		27 Mon	321	3.4	104	
	750	15.9	485			951	13.8	421			845	12.7	387			913	12.9	393	
	1414	1.4	43			1609	3.1	94			1517	4.1	125			1537	3.2	98	
	2029	15.0	457		2238	14.1	430		2125	13.0	396		2310	14.0	427				
13 Wed	241	2.8	85		13 Sat	447	3.8	116		13 Sun	358	4.8	146		28 Tue	419	3.3	101	
	851	14.7	448			1112	13.4	408			950	12.5	381			1018	12.8	390	
	1519	2.5	76			1717	3.4	104			1617	4.2	128			1636	3.3	101	
	2137	14.0	427		2351	14.2	433		2231	13.2	402		2249	13.9	424				
14 Thu	351	3.7	113		14 Sun	557	3.7	113		14 Mon	500	4.3	131		29 Wed	521	2.9	88	
	1006	13.8	421			1224	13.5	411			1104	12.7	387			1128	13.0	396	
	1631	3.2	98			1822	3.4	104			1718	3.9	119			1738	3.1	94	
	2259	13.6	415						2337	13.8	421		2354	14.4	439				
15 Fri	506	4.0	122		15 Mon	52	14.5	442		15 Tue	602	3.5	107		30 Thu	625	2.2	67	
	1132	13.5	411			659	3.2	98			1210	13.4	408			1234	13.7	418	
	1744	3.4	104			1322	13.9	424			1820	3.3	101			1844	2.6	79	
				1921	3.2	98													
				31 Sun	543	5.0	152						31 Fri	55	15.1	460			
					1152	12.6	384							727	1.3	40			
				1805	4.3	131						1334	14.5	442					
												1947	1.9	58					

Canal de Panamá (HIAM)

Ayax Murillo Burgos



New Moon



First Quarter



Full Moon



Last Quarter