

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2018

January				February				March															
Hour	Height		Hour	Height		Hour	Height		Hour	Height		Hour	Height										
	h	m	ft	cm		h	m	ft	cm		h	m	ft	cm									
1 Mon ☉	229	16.5	503	16 Tue ●	320	14.1	430	1	406	16.9	515	16 Fri	416	14.3	436	1	301	15.7	479	16 Fri	310	13.6	415
	900	-0.6	-18		941	1.0	30		1023	-2.3	-70		1031	-0.1	-3		920	-1.2	-37		928	0.8	24
	1506	16.1	491		1553	14.0	427		1640	17.0	518		1642	14.7	448		1533	16.0	488		1533	14.3	436
	2123	0.1	3		2156	2.0	61		2248	-1.6	-49		2249	0.5	15		2146	-1.1	-34		2147	0.8	24
2 Tue	323	17.2	524	17 Wed	359	14.3	436	2	458	17.2	524	17 Sat	453	14.6	445	2 Fri	353	16.3	497	17 Sat	348	14.3	436
	950	-1.6	-49		1018	0.5	15		1109	-2.6	-79		1106	-0.4	-12		1007	-2.0	-61		1005	0.0	0
	1600	16.8	512		1631	14.4	439		1730	17.3	527		1717	15.1	460		1623	16.7	509		1610	15.1	460
	2213	-0.7	-21		2233	1.5	46		2334	-1.8	-55		2324	0.1	3		2232	-1.8	-55		2223	-0.1	-3
3 Wed	417	17.6	536	18 Thu	438	14.5	442	3	549	17.1	521	18 Sun	529	14.8	451	3 Sat	443	16.7	509	18 Sun	426	14.9	454
	1038	-2.2	-67		1053	0.2	6		1154	-2.3	-70		1141	-0.4	-12		1051	-2.3	-70		1040	-0.5	-15
	1653	17.3	527		1708	14.7	448		1818	17.2	524		1752	15.3	466		1710	17.0	518		1646	15.6	475
	2302	-1.1	-34		2310	1.2	37										2315	-2.0	-61		2259	-0.6	-18
4 Thu	511	17.7	540	19 Fri	515	14.6	445	4	20	-1.4	-43	19 Mon	0	0.0	0	4 Sun	530	16.7	509	19 Mon	504	15.3	466
	1125	-2.3	-70		1128	0.2	6		637	16.6	506		605	14.8	451		1133	-2.1	-64		1116	-0.7	-21
	1746	17.5	533		1744	14.9	454		1239	-1.6	-49		1216	-0.2	-6		1754	17.0	518		1722	16.0	488
	2350	-1.1	-34		2346	1.2	37		1903	16.7	509		1826	15.4	469		2358	-1.8	-55		2336	-0.9	-27
5 Fri	604	17.4	530	20 Sat	551	14.6	445	5	107	-0.7	-21	20 Tue	37	0.1	3	5 Mon	615	16.3	497	20 Tue	542	15.4	469
	1212	-1.9	-58		1204	0.3	9		723	15.8	482		641	14.7	448		1214	-1.5	-46		1152	-0.6	-18
	1837	17.3	527		1818	14.9	454		1325	-0.5	-15		1253	0.2	6		1836	16.5	503		1800	16.1	491
									1948	15.9	485		1902	15.2	463								
6 Sat	40	-0.6	-18	21 Sun	23	1.3	40	6	156	0.3	9	21 Wed	117	0.5	15	6 Tue	40	-1.1	-34	21 Wed	14	-0.8	-24
	655	16.8	512		626	14.4	439		809	14.7	448		719	14.3	436		657	15.6	475		621	15.4	469
	1301	-1.1	-34		1240	0.7	21		1413	0.7	21		1335	0.8	24		1256	-0.5	-15		1231	-0.2	-6
	1927	16.8	512		1852	14.8	451		2033	14.8	451		1940	14.9	454		1916	15.7	479		1838	15.9	485
7 Sun	132	0.2	6	22 Mon	101	1.5	46	7	248	1.3	40	22 Thu	203	0.9	27	7 Wed	124	-0.1	-3	22 Thu	55	-0.4	-12
	746	15.9	485		702	14.1	430		858	13.4	408		802	13.8	421		738	14.6	445		701	15.0	457
	1353	0.0	0		1318	1.2	37		1504	2.0	61		1422	1.5	46		1339	0.7	21		1314	0.4	12
	2017	16.0	488		1927	14.6	445		2122	13.7	418		2025	14.4	439		1956	14.6	445		1920	15.5	472
8 Mon	227	1.0	30	23 Tue	143	1.9	58	8	342	2.3	70	23 Fri	255	1.5	46	8 Thu	210	1.0	30	23 Fri	141	0.2	6
	839	14.8	451		740	13.7	418		953	12.3	375		853	13.1	399		821	13.4	408		746	14.4	439
	1447	1.2	37		1401	1.8	55		1559	3.0	91		1517	2.2	67		1426	2.0	61		1403	1.2	37
	2109	15.0	457		2006	14.4	439		2218	12.7	387		2120	13.8	421		2037	13.5	411		2007	14.8	451
9 Tue	325	1.9	58	24 Wed	230	2.2	67	9	440	3.0	91	24 Sat	355	1.9	58	9 Fri	300	2.1	64	24 Sat	234	0.9	27
	936	13.7	418		824	13.3	405		1059	11.6	354		958	12.6	384		908	12.3	375		839	13.7	418
	1544	2.2	67		1449	2.3	70		1658	3.8	116		1622	2.7	82		1517	3.2	98		1500	2.1	64
	2208	14.1	430		2052	14.0	427		2324	12.1	369		2230	13.3	405		2126	12.4	378		2103	14.0	427
10 Wed	425	2.6	79	25 Thu	324	2.4	73	10	542	3.4	104	25 Sun	503	2.0	61	10 Sat	355	3.0	91	25 Sun	336	1.6	49
	1040	12.8	390		917	12.8	390		1210	11.3	344		1118	12.5	381		1006	11.4	347		944	13.0	396
	1642	3.1	94		1544	2.7	82		1802	4.2	128		1734	2.8	85		1615	4.0	122		1607	2.7	82
	2311	13.5	411		2149	13.7	418						2349	13.4	408		2228	11.5	351		2215	13.3	405
11 Thu	526	3.0	91	26 Fri	423	2.5	76	11	30	12.0	366	26 Mon	615	1.8	55	11 Sun	456	3.6	110	26 Mon	444	2.0	61
	1149	12.4	378		1025	12.5	381		646	3.3	101		1236	13.0	396		1120	11.0	335		1105	12.8	390
	1743	3.6	110		1647	2.9	88		1312	11.6	354		1849	2.3	70		1720	4.5	137		1721	2.8	85
					2257	13.7	418		1907	4.1	125						2344	11.2	341		2337	13.2	402
12 Fri	14	13.2	402	27 Sat	529	2.3	70	12	127	12.2	372	27 Tue	101	14.0	427	12 Mon	602	3.7	113	27 Tue	557	2.0	61
	627	3.1	94		1141	12.7	387		745	2.8	85		726	1.0	30		1232	11.2	341		1224	13.2	402
	1251	12.4	378		1756	2.8	85		1404	12.2	372		1343	14.0	427		1829	4.4	134		1835	2.4	73
	1844	3.8	116						2005	3.5	107		1958	1.3	40								
13 Sat	109	13.2	402	28 Sun	9	14.0	427	13	215	12.7	387	28 Wed	204	14.8	451	13 Tue	51	11.5	351	28 Wed	51	13.7	418
	725	2.8	85		638	1.7	52		835	2.0	61		827	-0.1	-3		706	3.3	101		708	1.4	43
	1345	12.6	384		1252	13.4	408		1448	12.8	390		1440	15.1	460		1330	11.8	360		1330	14.2	433
	1942	3.6	110		1907	2.2	67		2054	2.7	82		2056	0.0	0		1933	3.8	116		1943	1.4	43
14 Sun	157	13.5	411	29 Mon	114	14.7	448	14	258	13.3	405	14 Wed	145	12.1	369	14 Wed	153	14.5	442				
	817	2.3	70		744	0.7	21		917	1.2	37		802	2.6	79		809	0.5	15				
	1431	13.1	399		1355	14.3	436		1528	13.5	411		1416	12.6	384		1426	15.1	460				
	2032	3.1	94		2012	1.2	37		2135	1.8	55		2025	2.8	85		2040	0.3	9				
15 Mon	240	13.7	418	30 Tue	214	15.6	475	15	338	13.8	421	15 Thu	230	12.9	393	15 Thu	248	15.3	466				
	901	1.6	49		843	-0.5	-15		955	0.5	15		848	1.7	52		902	-0.4	-12				
	1513	13.5	411		1452	15.4	469		1606	14.2	433		1456	13.5	411		1515	16.0	488				
	2116	2.5	76		2109	0.0	0		2213	1.0	30		2108	1.8	55		2129	-0.7	-21				
			31 Wed	311	16.3	497										31 Sat	338	15.9	485				
				935	-1.6	-49							948	-1.1	-34								
			1547	16.3	497										1602	16.5	503						
			2200	-1	-30										2213	-1.4	-43						

compiled by: EAAR-HM

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2018

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 Sun	424	16.3	497		16 Mon	356	15.3	466		1	445	15.8	482		16 Wed	411	16.2	494		1	541	15.0	457		16 Sat	534	17.2	524	
	1029	-1.4	-43			1012	-0.1	-3			1045	0.1	-3			1026	-0.1	-3			1137	1.9	58			1140	-0.3	-9	
	1646	16.8	512			1612	16.3	497			1658	16.2	494			1626	17.3	527			1747	15.1	460			1750	17.6	536	
	2254	-1.6	-49			2233	-0.9	-27			2309	-0.6	-18			2250	-1.4	-43											
2 Mon	508	16.3	497		17 Tue	437	15.8	482		2	525	15.6	475		17 Thu	458	16.6	506		2 Sat	0	0.9	27		17 Sun	5	-1.4	-43	
	1109	-1.2	-37			1050	-0.5	-15			1122	0.5	15			1110	-0.3	-9			620	14.8	451			626	17.2	524	
	1727	16.7	509			1653	16.7	509			1737	15.9	485			1714	17.4	530			1215	2.4	73			1231	0.1	3	
	2333	-1.4	-43			2312	-1.3	-40			2346	-0.2	-6			2334	-1.5	-46			1824	14.7	448			1844	17.2	524	
3 Tue	550	16.0	488		18 Wed	519	16.1	491		3	604	15.2	463		18 Fri	547	16.7	509		3 Sun	38	1.5	46		18 Mon	55	-0.8	-24	
	1148	-0.7	-21			1130	-0.6	-18			1200	1.1	34			1155	-0.1	-3			657	14.4	439			719	17.0	518	
	1806	16.2	494			1735	16.8	512			1814	15.3	466			1803	17.2	524			1256	3.0	91			1325	0.7	21	
						2352	-1.3	-40													1902	14.1	430			1938	16.5	503	
4 Wed	12	-0.8	-24		19 Thu	603	16.1	491		4	24	0.5	15		19 Sat	20	-1.1	-34		4 Mon	119	2.2	67		19 Tue	150	0.1	3	
	630	15.4	469			1211	-0.2	-6			643	14.7	448			638	16.6	506			736	14.0	427			813	16.4	500	
	1227	0.2	6			1819	16.6	506			1239	1.9	58			1244	0.4	12			1341	3.6	110			1423	1.4	43	
	1844	15.5	472								1850	14.6	445			1854	16.7	509			1940	13.5	411			2034	15.6	475	
5 Thu	52	0.1	3		20 Fri	36	-0.9	-27		5	104	1.4	43		20 Sun	110	-0.4	-12		5 Tue	204	2.9	88		20 Wed	247	1.0	30	
	709	14.6	445			648	15.8	482			721	14.0	427			730	16.1	491			816	13.6	415			910	15.7	479	
	1307	1.3	40			1257	0.4	12			1321	2.8	85			1339	1.1	34			1430	4.1	125			1525	2.0	61	
	1921	14.6	445			1905	16.1	491			1927	13.8	421			1948	15.9	485			2023	12.9	393			2135	14.7	448	
6 Fri	135	1.1	34		21 Sat	124	-0.2	-6		6	148	2.3	70		21 Mon	206	0.5	15		6 Wed	253	3.5	107		21 Thu	347	1.9	58	
	748	13.7	418			737	15.2	463			801	13.4	408			825	15.5	472			902	13.3	405			1012	15.1	460	
	1351	2.4	73			1350	1.2	37			1409	3.7	113			1439	1.9	58			1524	4.4	134			1628	2.4	73	
	1959	13.5	411			1956	15.3	466			2008	13.0	396			2047	15.0	457			2114	12.5	381			2243	14.0	427	
7 Sat	221	2.2	67		22 Sun	219	0.7	21		7	236	3.1	94		22 Tue	307	1.3	40		7 Thu	345	3.9	119		22 Fri	448	2.6	79	
	831	12.7	387			832	14.5	442			847	12.7	387			928	14.9	454			955	13.1	399			1118	14.8	451	
	1440	3.5	107			1450	2.1	64			1502	4.4	134			1545	2.4	73			1620	4.4	134			1731	2.7	82	
	2042	12.5	381			2055	14.4	439			2056	12.2	372			2155	14.2	433			2216	12.2	372			2351	13.7	418	
8 Sun	313	3.1	94		23 Mon	321	1.5	46		8	331	3.8	116		23 Wed	411	2.0	61		8 Fri	441	4.0	122		23 Sat	549	3.0	91	
	922	11.9	363			938	13.8	421			942	12.3	375			1038	14.5	442			1055	13.3	405			1220	14.7	448	
	1536	4.3	131			1558	2.6	79			1602	4.7	143			1652	2.6	79			1718	4.1	125			1833	2.7	82	
	2136	11.7	357			2206	13.6	415			2158	11.7	357			2308	13.9	424			2323	12.4	378						
9 Mon	411	3.8	116		24 Tue	429	2.1	64		9	429	4.1	125		24 Thu	516	2.4	73		9 Sat	538	3.9	119		24 Sun	53	13.7	418	
	1028	11.4	347			1054	13.6	415			1048	12.2	372			1148	14.6	445			1154	13.8	421			650	3.2	98	
	1640	4.7	143			1709	2.8	85			1704	4.7	143			1758	2.5	76			1816	3.5	107			1315	14.8	451	
	2250	11.2	341			2326	13.4	408			2311	11.7	357													1931	2.4	73	
10 Tue	515	4.0	122		25 Wed	539	2.2	67		10	529	4.1	125		25 Fri	18	13.9	424		10 Sun	24	13.0	396		25 Mon	147	13.9	424	
	1143	11.5	351			1210	13.9	424			1152	12.6	384			620	2.5	76			637	3.5	107			746	3.1	94	
	1747	4.7	143			1820	2.4	73			1805	4.2	128			1249	14.9	454			1247	14.6	445			1403	14.9	454	
																1901	2.1	64			1914	2.6	79			2022	2.0	61	
11 Wed	6	11.4	347		26 Thu	38	13.8	421		11	17	12.1	369		26 Sat	118	14.3	436		11 Mon	118	13.9	424		26 Tue	234	14.2	433	
	619	3.8	116			646	1.9	58			629	3.7	113			720	2.3	70			734	2.7	82			836	2.9	88	
	1245	12.0	366			1313	14.6	445			1245	13.3	405			1342	15.3	466			1336	15.5	472			1446	15.0	457	
	1852	4.1	125			1925	1.7	52			1903	3.4	104			1958	1.6	49			2007	1.4	43			2107	1.5	46	
12 Thu	106	12.0	366		27 Fri	139	14.5	442		12	110	12.9	393		27 Sun	210	14.6	445		12 Tue	208	14.8	451		27 Wed	318	14.4	439	
	719	3.2	98			747	1.4	43			724	3.1	94			814	2.0	61			828	1.8	55			920	2.6	79	
	1334	12.9	393			1406	15.3	466			1331	14.3	436			1428	15.6	475			1424	16.3	497			1527	15.1	460	
	1948	3.1	94			2021	0.8	24			1955	2.3	70			2046	1.0	30			2057	0.3	9			2147	1.2	37	
13 Fri	153	12.8	390		28 Sat	231	15.1	460		13	156	13.9	424		28 Mon	257	14.9	454		13 Wed	257	15.7	479		28 Thu	400	14.6	445	
	810	2.4	73			840	0.8	24			814	2.2	67			901	1.7	52			918	0.9	27			1001	2.3	70	
	1416	13.8	421			1453	15.9	485			1414	15.2	463			1511	15.8	482			1514	17.0	518			1607	15.2	463	
	2035	2.0	61			2109	0.0	0			2042	1.1	34			2129	0.6	18			2145	-0.7	-21			2225	0.9	27	
14 Sat	235	13.7	418		29 Sun	318	15.5	472		14	240	14.8	451		29 Tue	340	15.1	460		14 Thu	348	16.4	500		29 Fri	440	14.8	451	
	854	1.4	43			925	0.3	9			900	1.2	37			943	1.5	46			1005	0.2	6			1039	2.1	64	
	1454	14.8	451			1537	16.3	497			1457	16.1	491			1552	15.8	482			1605	17.5	533			1646	15.1	460	
	2116	0.8	24			2152	-0.5	-15			2126	0.0	0			2209	0.3	9			2231	-1.4	-43			2301	0.8	24	
15 Sun	315	14.6	445		30 Mon	403	15.8	482		15	325	15.6	475		30 Wed	422	15.2	463		15 Fri	441	17.0	518		30 Sat	519	14.9	454	
	934																												

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2018

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 Sun	557	14.9	454		16 Mon	611	17.8	543		1 Wed	26	1.3	40		16 Thu	103	-0.5	-15		1 Sat	113	1.8	55		16 Sun	208	2.4	73
	1154	2.3	70			1215	-0.6	-18			640	15.2	463			726	17.1	521			719	15.4	469			824	14.7	448
	1802	14.8	451			1830	17.6	536			1246	2.1	64			1333	0.3	9			1339	2.0	61			1938	14.5	442
2 Mon	14	1.3	40		17 Tue	37	-1.2	-37		2 Thu	103	1.8	55		17 Fri	152	0.7	21		2 Sun	157	2.5	76		17 Mon	302	3.7	113
	634	14.8	451			702	17.5	533			713	15.0	457			813	16.1	491			800	15.0	457			915	13.5	411
	1233	2.6	79			1306	0.0	0			1326	2.5	76			1425	1.4	43			1428	2.5	76			1539	3.6	110
3 Tue	53	1.8	55		18 Wed	128	-0.3	-9		3 Fri	143	2.3	70		18 Sat	244	2.0	61		3 Mon	249	3.1	94		18 Tue	401	4.6	140
	709	14.6	445			752	17.0	518			749	14.8	451			903	15.0	457			850	14.4	439			1019	12.6	384
	1314	3.0	91			1401	0.7	21			1410	2.8	85			1521	2.4	73			1525	2.9	88			1641	4.3	131
4 Wed	1915	14.1	430		19 Thu	2014	16.0	488		4 Sat	2004	13.8	421		19 Sun	2133	13.7	418		4 Tue	2024	13.9	424		19 Wed	2307	12.1	369
	133	2.4	73			222	0.7	21			227	2.9	88			340	3.2	98			350	3.6	110			507	5.1	155
	745	14.4	439			844	16.1	491			831	14.5	442			1000	13.9	424			954	14.0	427			1134	12.3	375
5 Thu	1358	3.4	104		20 Fri	1458	1.6	49		5 Sun	1459	3.1	94		20 Mon	1620	3.3	101		5 Wed	1630	3.1	94		20 Thu	1746	4.5	137
	1953	13.6	415			2109	14.9	454			2051	13.4	408			2238	12.8	390			2239	13.1	399			20	12.3	375
	217	2.9	88			318	1.8	55			318	3.3	101			439	4.1	125			500	3.7	113			614	5.1	155
6 Fri	824	14.1	430		21 Sat	940	15.2	463		6 Mon	921	14.2	433		21 Tue	1106	13.2	402		6 Thu	1112	13.9	424		21 Fri	1242	12.5	381
	1446	3.7	113			1557	2.3	70			1555	3.3	101			1722	3.8	116			1740	2.9	88			1418	13.8	421
	2036	13.2	402			2210	13.9	424			2151	13.0	396			2349	12.4	378			2359	13.5	411			1850	4.2	128
7 Sat	304	3.4	104		22 Sun	416	2.8	85		7 Tue	416	3.6	110		22 Wed	543	4.6	140		7 Fri	614	3.3	101		22 Sat	117	12.8	390
	909	13.9	424			1042	14.5	442			1023	14.0	427			1214	13.0	396			1227	14.5	442			716	4.5	137
	1538	3.8	116			1658	2.9	88			1657	3.2	98			1826	3.9	119			1851	2.2	67			1334	13.1	399
8 Sun	2128	12.8	390		23 Mon	2317	13.2	402		8 Wed	2303	13.0	396		23 Thu	54	12.5	381		8 Sat	614	3.3	101		23 Sun	1945	3.5	107
	356	3.7	113			515	3.5	107			522	3.6	110			647	4.6	140			825	1.1	34			852	2.7	82
	1003	13.8	421			1146	14.0	427			1134	14.3	436			1312	13.1	399			1429	16.4	500			1456	14.5	442
9 Mon	1634	3.7	113		24 Tue	1759	3.2	98		9 Thu	1804	2.8	85		24 Fri	1926	3.5	107		9 Sun	2051	0.0	0		24 Mon	2111	1.9	58
	2232	12.7	387			24	13.0	396			17	13.5	411			233	13.6	415			207	15.6	475			241	14.3	436
	453	3.8	116			617	3.9	119			631	3.2	98			647	4.6	140			825	1.1	34			852	2.7	82
10 Tue	1733	3.3	101		25 Wed	1246	13.9	424		10 Fri	1242	14.9	454		25 Sat	1401	13.5	411		10 Mon	1429	16.4	500		25 Tue	1456	14.5	442
	2340	13.0	396			1900	3.2	98			1911	1.9	58			2018	2.9	88			2051	0.0	0			2111	1.9	58
	554	3.6	110			122	13.1	399			122	14.4	439			233	13.6	415			301	16.7	509			317	15.1	460
11 Wed	1207	14.5	442		26 Thu	717	4.0	122		11 Sat	739	2.3	70		26 Sun	836	3.5	107		11 Tue	917	-0.1	-3		26 Wed	930	1.8	55
	1835	2.7	82			1338	14.0	427			1535	17.4	530			1444	14.0	427			1522	17.2	524			1533	15.1	460
	43	13.7	418			1956	2.8	85			2157	-1.3	-40			2101	2.2	67			2140	-1.0	-30			2148	1.2	37
12 Thu	658	3.0	91		27 Fri	212	13.4	408		12 Sun	220	15.5	472		27 Mon	313	14.2	433		12 Wed	301	16.7	509		27 Thu	317	15.1	460
	1305	15.3	466			812	3.7	113			839	1.2	37			919	2.7	82			917	-0.1	-3			930	1.8	55
	1936	1.7	52			1424	14.2	433			1440	16.6	506			1523	14.5	442			1522	17.2	524			1533	15.1	460
13 Fri	141	14.6	445		28 Sat	2044	2.3	70		13 Mon	2108	-0.4	-12		28 Tue	2140	1.5	46		13 Thu	2225	-1.5	-46		28 Fri	2223	0.7	21
	800	2.2	67			257	13.8	421			315	16.5	503			350	14.8	451			440	18.0	549			426	16.2	494
	1400	16.1	491			859	3.2	98			933	0.0	0			957	2.0	61			1050	-1.5	-46			1041	0.5	15
14 Sat	2033	0.6	18		29 Sun	1506	14.5	442		14 Tue	1535	17.4	530		29 Wed	1601	14.9	454		14 Fri	1702	17.9	546		29 Sat	2257	0.5	15
	236	15.6	475			2125	1.7	52			2157	-1.3	-40			2216	0.9	27			2309	-1.6	-49			2257	0.5	15
	856	1.2	37			338	14.3	436			409	17.4	530			426	15.3	466			527	18.1	552			501	16.5	503
15 Sun	1454	16.9	515		30 Mon	941	2.6	79		15 Wed	1022	-0.8	-24		30 Thu	1032	1.4	43		15 Sat	1134	-1.4	-43		30 Sun	1116	0.3	9
	2125	-0.6	-18			1546	14.7	448			1629	17.8	543			1637	15.3	466			1749	17.6	536			1720	16.0	488
	330	16.5	503			2204	1.2	37			2244	-1.9	-58			2250	0.6	18			2352	-1.1	-34			2332	0.6	18
16 Mon	948	0.2	6		31 Tue	417	14.7	448		16 Thu	501	17.9	546		31 Fri	500	15.6	475		16 Sun	612	17.7	540		31 Sat	537	16.5	503
	1548	17.5	533			1019	2.2	67			1109	-1.3	-40			1107	1.1	34			1218	-0.8	-24			1152	0.3	9
	2214	-1.4	-43			1625	14.9	454			1721	18.0	549			1713	15.4	469			1835	17.0	518			1757	15.9	485
17 Tue	425	17.2	524		31 Wed	2240	0.9	27		17 Fri	2330	-1.9	-58		31 Sat	2324	0.6	18		17 Sun	2324	0.6	18		31 Mon	1757	15.9	485
	1037	-0.5	-15			455	15.0	457			551	18.0	549			534	15.8	482			35	-0.1	-3			9	0.9	27
	1643	17.8	543			1055	1.9	58			1156	-1.2	-37			1142	1.0	30			656	17.0	518			614		

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2018

October					November					December																			
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 Mon	135	2.3	70		16 Tue	225	4.0	122		1 Thu	323	3.3	101		16 Fri	346	5.1	155		1 Sat	416	2.7	82		16 Sun	400	4.4	134	
	738	15.4	469			833	13.4	408			927	14.3	436			946	12.1	369			1028	14.1	430			954	12.0	366	
	1404	2.0	61			1458	3.8	116			1554	2.8	85			1613	4.6	140			1641	2.6	79			1620	4.2	128	
	2008	14.5	442			2112	12.9	393			2213	14.2	433			2233	12.6	384			2308	14.7	448			2232	12.9	393	
2 Tue	229	3.0	91		17 Wed	324	4.9	149		2 Fri	434	3.4	104		17 Sat	448	5.1	155		2 Sun	524	2.7	82		17 Mon	457	4.3	131	
	831	14.7	448			929	12.5	381			1046	14.0	427			1100	12.0	366			1143	14.1	430			1102	12.0	366	
	1503	2.7	82			1558	4.5	137			1703	2.9	88			1713	4.7	143			1747	2.7	82			1717	4.3	131	
	2108	13.8	421			2218	12.3	375			2331	14.4	439			2338	12.9	393			2333	13.2	402						
3 Wed	334	3.6	110		18 Thu	428	5.3	162		3 Sat	545	3.1	94		18 Sun	550	4.8	146		3 Mon	16	15.0	457		18 Tue	556	3.8	116	
	937	14.0	427			1044	12.0	366			1204	14.3	436			1206	12.3	375			629	2.3	70			1206	12.4	378	
	1610	3.1	94			1701	4.8	146			1812	2.7	82			1812	4.4	134			1249	14.4	439			1816	4.0	122	
	2225	13.5	411			2332	12.3	375			39	15.1	460			32	13.5	411			1850	2.5	76			28	13.8	421	
4 Thu	447	3.7	113		19 Fri	534	5.3	162		4 Sun	39	15.1	460		19 Mon	32	13.5	411		4 Tue	114	15.4	469		19 Wed	28	13.8	421	
	1059	13.8	421			1159	12.1	369			652	2.4	73			647	4.0	122			729	1.7	52			654	3.1	94	
	1722	3.0	91			1805	4.6	140			1308	15.0	457			1259	13.0	396			1345	14.9	454			1302	13.1	399	
	2347	13.9	424			1905	4.6	140			1916	2.1	64			1908	3.8	116			1948	2.2	67			1914	3.4	104	
5 Fri	600	3.3	101		20 Sat	34	12.8	390		5 Mon	135	15.9	485		20 Tue	118	14.3	436		5 Wed	204	15.8	482		20 Thu	118	14.6	445	
	1217	14.3	436			637	4.8	146			751	1.4	43			739	3.0	91			823	1.1	34			748	2.0	61	
	1833	2.5	76			1257	12.7	387			1402	15.7	479			1344	13.9	424			1434	15.3	466			1351	14.0	427	
						1903	4.1	125			2012	1.4	43			1958	3.0	91			2039	1.7	52			2009	2.5	76	
6 Sat	56	14.8	451		21 Sun	122	13.6	415		6 Tue	225	16.6	506		21 Wed	159	15.2	463		6 Thu	250	16.1	491		21 Fri	206	15.5	472	
	709	2.4	73			732	3.9	119			843	0.5	15			825	1.9	58			909	0.5	15			838	0.9	27	
	1322	15.3	466			1343	13.5	411			1451	16.3	497			1426	14.7	448			1520	15.5	472			1439	15.0	457	
	1937	1.6	49			1954	3.3	101			2100	0.7	21			2043	2.2	67			2124	1.4	43			2058	1.5	46	
7 Sun	153	15.9	485		22 Mon	202	14.5	442		7 Wed	310	17.1	521		22 Thu	239	16.0	488		7 Fri	333	16.2	494		22 Sat	253	16.3	497	
	809	1.2	37			819	2.9	88			928	-0.2	-6			908	0.9	27			951	0.1	3			925	-0.2	-6	
	1417	16.2	494			1423	14.3	436			1537	16.7	509			1507	15.5	472			1604	15.7	479			1527	15.8	482	
	2032	0.6	18			2037	2.5	76			2144	0.4	12			2125	1.3	40			2206	1.2	37			2145	0.6	18	
8 Mon	244	16.9	515		23 Tue	239	15.3	466		8 Thu	354	17.3	527		23 Fri	320	16.7	509		8 Sat	414	16.1	491		23 Sun	341	16.9	515	
	901	0.0	0			859	1.8	55			1010	-0.6	-18			948	-0.1	-3			1030	0.0	0			1010	-1.1	-34	
	1508	17.0	518			1500	15.1	460			1622	16.8	512			1549	16.2	494			1645	15.7	479			1616	16.5	503	
	2121	-0.3	-9			2117	1.7	52			2225	0.3	9			2207	0.7	21			2244	1.3	40			2231	-0.1	-3	
9 Tue	331	17.5	533		24 Wed	315	16.0	488		9 Fri	436	17.2	524		24 Sat	403	17.1	521		9 Sun	454	15.9	485		24 Mon	431	17.3	527	
	947	-0.8	-24			937	0.9	27			1049	-0.5	-15			1029	-0.7	-21			1107	0.2	6			1054	-1.6	-49	
	1556	17.4	530			1538	15.7	479			1704	16.6	506			1634	16.6	506			1726	15.5	472			1707	17.0	518	
	2205	-0.7	-21			2154	1.0	30			2304	0.6	18			2248	0.3	9			2322	1.5	46			2317	-0.5	-15	
10 Wed	417	17.9	546		25 Thu	352	16.6	506		10 Sat	517	16.8	512		25 Sun	448	17.3	527		10 Mon	534	15.5	472		25 Tue	523	17.4	530	
	1030	-1.2	-37			1014	0.1	3			1128	-0.1	-3			1110	-0.9	-27			1144	0.5	15			1140	-1.7	-52	
	1642	17.5	533			1616	16.2	494			1746	16.2	494			1720	16.8	512			1805	15.3	466			1757	17.1	521	
	2247	-0.8	-24			2231	0.6	18			2343	1.2	37			2331	0.3	9											
11 Thu	501	17.8	543		26 Fri	430	17.0	518		11 Sun	557	16.1	491		26 Mon	535	17.3	527		11 Tue	1	2.0	61		26 Wed	4	-0.4	-12	
	1111	-1.1	-34			1051	-0.3	-9			1207	0.6	18			1154	-0.8	-24			612	15.0	457			615	17.2	524	
	1726	17.2	524			1655	16.5	503			1827	15.6	475			1808	16.8	512			1222	1.1	34			1227	-1.3	-40	
	2327	-0.3	-9			2308	0.5	15													1843	14.9	454			1848	17.0	518	
12 Fri	544	17.4	530		27 Sat	509	17.1	521		12 Mon	23	2.0	61		27 Tue	17	0.6	18		12 Wed	41	2.6	79		27 Thu	55	0.0	0	
	1152	-0.5	-15			1129	-0.3	-9			636	15.4	469			624	16.9	515			649	14.4	439			707	16.6	506	
	1809	16.7	509			1737	16.5	503			1247	1.5	46			1241	-0.2	-6			1302	1.9	58			1318	-0.6	-18	
						2348	0.7	21			1907	14.9	454			1858	16.4	500			1921	14.4	439			1940	16.6	506	
13 Sat	8	0.5	15		28 Sun	551	16.9	515		13 Tue	106	3.0	91		28 Wed	108	1.2	37		13 Thu	124	3.2	98		28 Fri	150	0.6	18	
	625	16.6	506			1210	0.0	0			715	14.5	442			716	16.3	497			728	13.7	418			801	15.8	482	
	1233	0.4	12			1820	16.2	494			1331	2.5	76			1333	0.6	18			1346	2.7	82			1413	0.3	9	
	1852	15.8	482								1948	14.1	430			1951	15.9	485			2001	13.9	424			2034	15.9	485	
14 Sun	50	1.6	49		29 Mon	31	1.2	37		14 Wed	153	3.9	119		29 Thu	205	1.9	58		14 Fri	212	3.8	116		29 Sat	250	1.3	40	
	706	15.7	479			636	16.5	503			757	13.6	415			812	15.4	469			809	13.0	396			858	14.9	454	
	1317	1.6	49			1255	0.6	18			1419	3.4	104			1432	1.4	43			1433	3.4	104			1512	1.3	40	
	1934	14.8	451			1907	15.8	482			2034	13.4	408			2050	15.3	466			2044	13.4	408			2133	15.2	463	
15 Mon	135	2.9	88		30 Tue	120	2.0	61		15 Thu	247	4.7	143		30 Fri	309	2.5	76		15 Sat									