

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2012

January					February					March																																		
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	303	3.0	91		16 Mon	243	1.2	37		1 Wed	400	3.5	107		16 Thu	425	1.7	52		1 Thu	223	2.3	70		16 Fri	301	0.7	21																
	910	12.7	387			844	14.2	433			1002	11.1	338			1041	12.7	387			822	12.1	369			913	13.7	418																
	1521	3.3	101			1500	1.5	46			1619	4.3	131			1650	2.7	82			1440	3.3	101			1526	2.0	61		2139	13.6	415												
2 Mon	2136	13.5	411		17 Tue	2110	14.9	454		2 Thu	2226	11.9	363		17 Fri	2311	13.2	402		2 Fri	2038	12.5	381		17 Sat	2038	12.5	381		17 Sat	2139	13.6	415											
	357	3.6	110			342	1.6	49			459	3.8	116			536	2.0	61			312	3.1	94			406	1.7	52			406	1.7	52											
	1005	12.0	366			945	13.5	411			1115	10.8	329			1202	12.6	384			908	11.3	344			1027	12.9	393			1636	2.8	85		1027	12.9	393							
3 Tue	1614	4.0	122		18 Wed	1601	2.2	67		3 Fri	1722	4.7	143		18 Sat	1805	2.9	88		3 Sat	1534	4.1	125		18 Sun	2129	11.8	360		18 Sun	2258	12.8	390		18 Sun	1636	2.8	85		18 Sun	1750	3.0	91	
	2231	12.9	393			2214	14.3	436			2336	11.7	357			1918	2.5	76			2129	11.8	360			517	2.2	67			1147	12.7	387			1750	3.0	91						
	453	3.9	119			446	1.9	58			603	3.8	116			30	13.2	402			410	3.6	110			517	2.2	67			1014	10.8	329			1147	12.7	387						
4 Wed	1110	11.5	351		19 Thu	1059	13.1	399		4 Sat	1228	11.1	338		19 Sun	1314	13.1	399		4 Sun	1638	4.5	137		19 Mon	2240	11.3	344		19 Mon	1638	4.5	137		19 Mon	1750	3.0	91		19 Mon	1147	12.7	387	
	1711	4.5	137			1708	2.7	82			1831	4.5	137			1918	2.5	76			1014	10.8	329			628	2.2	67			1638	4.5	137			1147	12.7	387						
	2332	12.6	384			2328	14.0	427			3		3			2020	1.7	52			2240	11.3	344			1259	13.1	399			2240	11.3	344			1902	2.6	79						
5 Thu	552	3.9	119		20 Fri	555	1.9	58		5 Sun	708	3.2	98		20 Mon	233	14.2	433		5 Mon	2112	0.8	24		20 Tue	623	3.4	104		20 Tue	1245	11.6	354		20 Tue	1245	11.6	354		20 Tue	2003	1.9	58	
	1216	11.6	354			1215	13.2	402			804	2.3	70			848	0.4	12			1245	11.6	354			125	13.2	402			1245	11.6	354			733	1.8	55						
	1812	4.6	140			1820	2.7	82			1415	12.7	387			1504	14.7	448			1858	3.8	116			1356	13.8	421			1858	3.8	116			1356	13.8	421						
6 Fri	651	3.6	110		21 Sat	705	1.5	46		6 Mon	2029	2.8	85		21 Tue	2112	0.8	24		6 Tue	2112	0.8	24		21 Wed	1858	3.8	116		21 Wed	1858	3.8	116		21 Wed	2003	1.9	58		21 Wed	2003	1.9	58	
	1313	12.0	366			1323	13.8	421			225	13.5	411			323	14.8	451			103	12.3	375			827	1.2	37			103	12.3	375			827	1.2	37						
	1913	4.3	131			1930	2.3	70			852	1.2	37			934	-0.3	-9			726	2.6	79			1443	14.4	439			726	2.6	79			1443	14.4	439						
7 Sat	747	2.9	88		22 Sun	1423	14.5	442		7 Tue	2115	1.6	49		22 Wed	2155	0.0	0		7 Wed	1957	2.6	79		22 Thu	1957	2.6	79		22 Thu	2052	1.1	34		22 Thu	2052	1.1	34						
	1402	12.6	384			2032	1.5	46			311	14.4	439			408	15.1	460			156	13.3	405			305	14.2	433			156	13.3	405			305	14.2	433						
	2009	3.7	113			2125	0.6	18			935	0.1	3			1014	-0.8	-24			819	1.4	43			912	0.6	18			819	1.4	43			912	0.6	18						
8 Sun	208	13.6	415		23 Mon	1517	15.2	463		8 Wed	2157	0.4	12		23 Thu	2234	-0.5	-15		8 Thu	2047	1.2	37		23 Fri	1425	13.9	424		23 Fri	1425	13.9	424		23 Fri	1525	15.0	457						
	836	2.1	64			2125	0.6	18			1541	14.8	451			449	15.3	466			1425	13.9	424			346	14.6	445			1425	13.9	424			346	14.6	445						
	1446	13.3	405			2125	0.6	18			2157	0.4	12			1051	-0.9	-27			906	0.1	3			950	0.1	3			906	0.1	3			950	0.1	3						
9 Mon	252	14.2	433		24 Tue	1607	15.8	482		9 Thu	2237	-0.5	-15		24 Fri	2311	-0.6	-18		9 Fri	2131	-0.2	-6		24 Sat	2131	-0.2	-6		24 Sat	2211	-0.1	-3		24 Sat	2211	-0.1	-3						
	919	1.2	37			1607	15.8	482			438	15.8	482			527	15.2	463			329	15.4	469			424	14.8	451			329	15.4	469			424	14.8	451						
	1527	14.1	430			2211	0.0	0			1053	-1.4	-43			1127	-0.7	-21			949	-1.0	-30			1026	-0.1	-3			949	-1.0	-30			1026	-0.1	-3						
10 Tue	2139	2.0	61		25 Wed	2211	0.0	0		10 Fri	2317	-1.2	-37		25 Sat	2347	-0.4	-12		10 Sat	2213	-1.4	-43		25 Sun	2213	-1.4	-43		25 Sun	2246	-0.4	-12		25 Sun	2246	-0.4	-12						
	334	14.8	451			2254	-0.4	-12			1704	16.3	497			603	14.9	454			1553	16.2	494			1639	15.5	472			1553	16.2	494			1639	15.5	472						
	959	0.4	12			2254	-0.4	-12			2317	-1.2	-37			1819	15.4	469			2213	-1.4	-43			2246	-0.4	-12			2213	-1.4	-43			2246	-0.4	-12						
11 Wed	1608	14.8	451		26 Thu	1653	16.2	494		11 Sat	2317	-1.2	-37		26 Sun	2347	-0.4	-12		11 Sun	2213	-1.4	-43		26 Mon	2213	-1.4	-43		26 Mon	2246	-0.4	-12		26 Mon	2246	-0.4	-12						
	2219	1.2	37			1653	16.2	494			522	16.2	494			527	15.2	463			415	16.2	494			500	14.7	448			415	16.2	494			500	14.7	448						
	2219	1.2	37			2254	-0.4	-12			1133	-1.7	-52			1819	15.4	469			1030	-1.8	-55			1101	-0.1	-3			1030	-1.8	-55			1101	-0.1	-3						
12 Thu	416	15.2	463		27 Fri	1736	16.3	497		12 Sun	2358	-1.4	-43		27 Mon	2347	-0.4	-12		12 Tue	2255	-1.9	-64		27 Tue	2255	-1.9	-64		27 Tue	2320	-0.4	-12		27 Tue	2320	-0.4	-12						
	1037	-0.2	-6			1736	16.3	497			605	16.3	497			637	14.4	439			1637	16.9	515			1713	15.5	472			1637	16.9	515			1713	15.5	472						
	1648	15.4	469			2334	-0.4	-12			1214	-1.5	-46			1238	0.5	15			2255	-1.9	-64			2320	-0.4	-12			2255	-1.9	-64			2320	-0.4	-12						
13 Fri	2258	0.6	18		28 Sat	2334	-0.4	-12		13 Mon	2358	-1.4	-43		28 Tue	2347	-0.4	-12		13 Tue	2255	-1.9	-64		28 Wed	2255	-1.9	-64		28 Wed	2320	-0.4	-12		28 Wed	2320	-0.4	-12						
	459	15.6	475			54	0.6	18			1827	16.8	512			139	1.5	46			500	16.7	509			534	14.7	448			500	16.7	509			534	14.7	448						
	1115	-0.5	-15			708	14.5	442			1214	-1.5	-46			744	12.9	393			1111	-2.1	-64			1134	0.3	9			1111	-2.1	-64			1134	0.3	9						
14 Sat	1728	15.8	482		29 Sun	1815	16.1	491		14 Tue	1827	16.8	512		29 Wed	1924	14.2	433		14 Wed	2337	-2.4																						

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2012

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	432	3.7	113		16 Mon	600	2.7	82		1 Tue	457	3.3	101		16 Wed	29	12.8	390		1 Fri	17	14.0	427		16 Sat	133	12.8	390
	1045	11.5	351			1233	13.5	411			1114	13.2	402			623	3.4	104			627	2.5	76			730	4.1	125
	1710	4.3	131			1837	2.9	88			1739	3.4	104			1251	13.9	424			1241	15.4	469			1341	14.0	427
	2314	11.7	357				390		2346		12.9	393		1900		3.1	94		1910		1.5	46		2003		2.9	88	
2 Mon	538	3.5	107		17 Tue	103	13.0	396		2 Wed	601	2.9	88		17 Thu	123	13.1	399		2 Sat	117	14.8	451		17 Sun	217	13.2	402
	1159	12.1	369			703	2.6	79			1217	14.0	427			719	3.3	101			730	1.8	55			821	3.7	113
	1818	3.6	110			1328	13.9	424			1842	2.4	73			1337	14.2	433			1338	16.3	497			1423	14.3	436
		357			1936	2.4	73			393			1952	2.6	79			2009	0.4	12		2049	2.3	70				
3 Tue	25	12.4	378		18 Wed	155	13.4	408		3 Thu	48	13.8	421		18 Fri	208	13.4	408		3 Sun	213	15.7	479		18 Mon	259	13.7	418
	643	2.8	85			757	2.2	67			703	2.1	64			809	3.1	94			829	1.0	30			906	3.2	98
	1258	13.2	402			1414	14.4	439			1313	15.1	460			1418	14.5	442			1432	17.0	518			1504	14.6	445
	1920	2.5	76			2026	1.8	55			1941	1.2	37			2037	2.1	64			2104	-0.6	-18			2130	1.7	52
4 Wed	123	13.5	411		19 Thu	240	13.8	421		4 Fri	143	14.9	454		19 Sat	249	13.8	421		4 Mon	308	16.5	503		19 Tue	340	14.1	430
	742	1.7	52			843	1.8	55			800	1.1	34			852	2.7	82			923	0.2	6			947	2.7	82
	1349	14.4	439			1454	14.8	451			1404	16.2	494			1456	14.8	451			1526	17.4	530			1544	14.9	454
	2014	1.1	34			2107	1.1	34			2035	-0.1	-3			2117	1.5	46			2154	-1.4	-43			2208	1.2	37
5 Thu	213	14.6	445		20 Fri	319	14.2	433		5 Sat	235	15.9	485		20 Sun	327	14.1	430		5 Tue	403	17.0	518		20 Wed	420	14.5	442
	833	0.5	15			923	1.4	43			853	0.1	3			932	2.3	70			1014	-0.3	-9			1026	2.3	70
	1436	15.7	479			1530	15.1	460			1454	17.1	521			1533	15.0	457			1621	17.6	536			1624	15.1	460
	2103	-0.4	-12			2145	0.6	18			2124	-1.3	-40			2154	1.0	30			2242	-1.7	-52			2245	0.9	27
6 Fri	302	15.7	479		21 Sat	356	14.4	439		6 Sun	327	16.7	509		21 Mon	405	14.4	439		6 Wed	458	17.3	527		21 Thu	459	14.9	454
	921	-0.6	-18			959	1.1	34			943	-0.7	-21			1010	2.0	61			1102	-0.4	-12			1104	2.0	61
	1522	16.7	509			1606	15.2	463			1545	17.7	540			1610	15.1	460			1715	17.6	536			1705	15.2	463
	2148	-1.6	-49			2220	0.2	6			2212	-2.0	-61			2230	0.8	24			2329	-1.6	-49			2322	0.8	24
7 Sat	350	16.5	503		22 Sun	432	14.6	445		7 Mon	419	17.2	524		22 Tue	443	14.5	442		7 Thu	551	17.3	527		22 Fri	537	15.1	460
	1005	-1.5	-46			1035	1.0	30			1030	-1.1	-34			1047	1.9	58			1151	-0.2	-6			1142	2.0	61
	1610	17.4	530			1640	15.3	466			1637	17.9	546			1648	15.1	460			1808	17.2	524			1744	15.2	463
	2232	-2.4	-73			2254	0.1	3			2258	-2.3	-70			2306	0.7	21			1808	17.2	524			2359	0.9	27
8 Sun	439	17.1	521		23 Mon	507	14.6	445		8 Tue	512	17.4	530		23 Wed	521	14.6	445		8 Fri	17	-1.0	-30		23 Sat	614	15.3	466
	1050	-1.9	-58			1109	1.1	34			1117	-1.1	-34			1123	2.0	61			642	17.1	521			1221	2.0	61
	1658	17.8	543			1715	15.2	463			1729	17.7	540			1726	15.0	457			1241	0.4	12			1823	15.1	460
	2317	-2.7	-82			2329	0.3	9			2345	-2.0	-61			2342	0.9	27			1859	16.5	503					
9 Mon	528	17.2	524		24 Tue	542	14.5	442		9 Wed	604	17.2	524		24 Thu	558	14.6	445		9 Sat	106	-0.2	-6		24 Sun	37	1.1	34
	1135	-1.7	-52			1144	1.5	46			1206	-0.6	-18			1201	2.3	70			732	16.5	503			652	15.3	466
	1747	17.6	536			1749	14.9	454			1822	17.2	524			1803	14.8	451			1333	1.3	40			1302	2.2	67
			-82				9				-61			27			1950	15.6	475			1904	14.9	454				
10 Tue	2	-2.3	-70		25 Wed	4	0.7	21		10 Thu	34	-1.3	-40		25 Fri	19	1.3	40		10 Sun	157	0.9	27		25 Mon	119	1.5	46
	618	16.9	515			617	14.2	433			657	16.7	509			634	14.5	442			821	15.8	482			731	15.3	466
	1222	-1.1	-34			1221	2.1	64			1258	0.3	9			1240	2.7	82			1428	2.1	64			1348	2.4	73
	1836	17.1	521			1824	14.4	439			1915	16.3	497			1841	14.5	442			2041	14.6	445			1947	14.6	445
11 Wed	51	-1.5	-46		26 Thu	41	1.3	40		11 Fri	126	-0.2	-6		26 Sat	59	1.7	52		11 Mon	251	2.0	61		26 Tue	204	2.0	61
	709	16.3	497			652	13.8	421			750	16.0	488			712	14.4	439			913	15.0	457			813	15.2	463
	1312	-0.1	-3			1300	2.7	82			1353	1.3	40			1323	3.0	91			1525	2.9	88			1439	2.6	79
	1927	16.1	491			1900	13.9	424			2009	15.3	466			1921	14.1	430			2137	13.6	415			2035	14.2	433
12 Thu	144	-0.4	-12		27 Fri	121	2.0	61		12 Sat	223	0.9	27		27 Sun	142	2.2	67		12 Tue	346	2.9	88		27 Wed	255	2.4	73
	802	15.3	466			729	13.4	408			845	15.2	463			752	14.2	433			1009	14.3	436			903	15.0	457
	1409	1.1	34			1344	3.3	101			1454	2.2	67			1412	3.3	101			1622	3.4	104			1535	2.7	82
	2022	14.9	454			1939	13.4	408			2107	14.2	433			2006	13.7	418			2239	12.9	393			2132	13.9	424
13 Fri	243	0.8	24		28 Sat	206	2.6	79		13 Sun	322	1.9	58		28 Mon	230	2.7	82		13 Wed	442	3.6	110		28 Thu	352	2.7	82
	901	14.3	436			811	13.0	396			946	14.4	439			837	14.1	430			1108	13.8	421			1002	14.8	451
	1512	2.1	64			1435	3.8	116			1557	2.9	88			1506	3.5	107			1719	3.7	113			1635	2.7	82
	2126	13.8	421			2025	12.8	390			2213	13.3	405			2057	13.4	408			2343	12.5	381			2239	13.7	418
14 Sat	347	1.8	55		29 Sun	257	3.2	98		14 Mon	423	2.7	82		29 Tue	324	3.0	91		14 Thu	538	4.1	125		29 Fri	453	2.9	88
	1010	13.6	415			901	12.8	390			1051	13.9	424			931	14.0	427			1205	13.7	418			1109	14.9	454
	1620	2.9	88			1533	4.1	125			1700	3.3	101			1604	3.4	104			1817	3.7	113			1739	2.4	73
	2241	13.0	396			2123	12.4	378			2324	12.9	393			2200	13.2	402				381		2350		13.9	424	
15 Sun	454	2.5	76		30 Mon	355	3.4	104		15 Tue	524	3.2																

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2012

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	57	14.5	442		16 Mon	146	12.7	387		1 Wed	245	15.7	479		16 Thu	243	14.1	430		1 Sat	405	16.7	509		16 Sun	329	16.5	503	
	707	2.4	73			749	4.3	131			856	1.2	37			858	2.7	82			1012	0.1	3			952	0.0	0	
	1319	15.8	482			1353	13.7	418			1504	16.3	497			1454	14.7	448			1625	16.4	500			1550	16.6	506	
	1949	1.0	30			2019	2.9	88			2125	-0.1	-3			2118	1.4	43			2231	-0.3	-9			2208	-0.3	-9	
2 Mon	158	15.3	466		17 Tue	231	13.3	405		2 Thu	337	16.4	500		17 Fri	323	15.0	457		2 Sun	447	16.9	515		17 Mon	410	17.3	527	
	811	1.7	52			840	3.6	110			946	0.4	12			939	1.6	49			1051	-0.1	-3			1032	-0.8	-24	
	1417	16.4	500			1438	14.2	433			1556	16.7	509			1536	15.5	472			1706	16.3	497			1634	17.1	521	
	2047	0.1	3			2104	2.1	64			2211	-0.7	-21			2157	0.5	15			2309	-0.2	-6			2248	-0.8	-24	
3 Tue	255	16.0	488		18 Wed	313	14.0	427		3 Fri	427	16.9	515		18 Sat	402	15.8	482		3 Mon	525	16.8	512		18 Tue	453	17.7	540	
	908	0.9	27			924	2.8	85			1031	-0.1	-3			1018	0.7	21			1129	0.0	0			1112	-1.2	-37	
	1513	16.9	515			1520	14.8	451			1645	16.8	512			1617	16.1	491			1745	16.0	488			1718	17.3	527	
	2139	-0.7	-21			2145	1.3	40			2253	-0.9	-27			2234	-0.1	-3			2345	0.3	9			2329	-0.8	-24	
4 Wed	350	16.7	509		19 Thu	354	14.7	448		4 Sat	513	17.1	521		19 Sun	441	16.5	503		4 Tue	602	16.4	500		19 Wed	537	17.8	543	
	1000	0.2	6			1004	2.1	64			1114	-0.2	-6			1056	0.0	0			1206	0.5	15			1154	-1.1	-34	
	1608	17.2	524			1601	15.2	463			1731	16.7	509			1659	16.5	503			1822	15.5	472			1804	17.2	524	
	2227	-1.2	-37			2222	0.7	21			2334	-0.7	-21			2312	-0.5	-15			2312	9				2312	-24		
5 Thu	444	17.1	521		20 Fri	433	15.3	466		5 Sun	556	17.0	518		20 Mon	521	16.9	515		5 Wed	22	1.1	34		20 Thu	12	-0.3	-9	
	1048	-0.1	-3			1042	1.5	46			1155	0.1	3			1135	-0.3	-9			638	15.8	482			623	17.5	533	
	1701	17.2	524			1642	15.6	475			1814	16.3	497			1741	16.7	509			1244	1.3	40			1240	-0.5	-15	
	2312	-1.3	-40			2259	0.3	9			2259	-21				2351	-0.4	-12			1858	14.8	451			1852	16.7	509	
6 Fri	534	17.3	527		21 Sat	511	15.7	479		6 Mon	14	0.0	0		21 Tue	602	17.1	521		6 Thu	100	2.1	64		21 Fri	59	0.5	15	
	1134	-0.1	-3			1120	1.1	34			637	16.6	506			1216	-0.2	-6			713	15.0	457			711	16.8	512	
	1751	17.0	518			1723	15.8	482			1237	0.7	21			1824	16.5	503			1324	2.2	67			1331	0.4	12	
	2357	-0.9	-27			2336	0.2	6			1854	15.6	475			1977	-12				1934	13.9	424			1943	15.8	482	
7 Sat	622	17.2	524		22 Sun	549	16.1	491		7 Tue	55	0.8	24		22 Wed	33	0.0	0		7 Fri	142	3.1	94		22 Sat	153	1.5	46	
	1220	0.3	9			1159	0.9	27			715	16.0	488			644	16.9	515			749	14.2	433			804	15.8	482	
	1839	16.5	503			1803	15.9	485			1319	1.5	46			1301	0.2	6			1408	3.1	94			1428	1.4	43	
											1933	14.7	448			1908	16.1	491			2013	13.1	399			2040	14.9	454	
8 Sun	42	-0.1	-3		23 Mon	14	0.3	9		8 Wed	136	1.9	58		23 Thu	118	0.7	21		8 Sat	229	4.1	125		23 Sun	255	2.6	79	
	707	16.7	509			628	16.3	497			753	15.1	460			729	16.5	503			830	13.3	405			905	14.7	448	
	1307	1.0	30			1240	1.0	30			1404	2.4	73			1351	0.9	27			1459	4.0	122			1533	2.3	70	
	1924	15.7	479			1844	15.8	482			2013	13.8	421			1957	15.4	469			2100	12.3	375			2149	14.1	430	
9 Mon	127	0.8	24		24 Tue	55	0.7	21		9 Thu	221	3.0	91		24 Fri	210	1.6	49		9 Sun	324	4.9	149		24 Mon	404	3.3	101	
	751	16.0	488			708	16.2	494			833	14.2	433			819	15.7	479			921	12.5	381			1021	14.0	427	
	1355	1.8	55			1324	1.3	40			1452	3.3	101			1447	1.7	52			1557	4.5	137			1644	2.9	88	
	2009	14.7	448			1927	15.4	469			2056	12.8	390			2052	14.5	442			2205	11.7	357			2309	13.8	421	
10 Tue	215	1.9	58		25 Wed	140	1.2	37		10 Fri	310	4.0	122		25 Sat	309	2.5	76		10 Mon	427	5.3	162		25 Tue	517	3.5	107	
	834	15.2	463			750	15.9	485			918	13.4	408			918	14.8	451			1032	12.1	369			1143	13.8	481	
	1446	2.7	82			1414	1.7	52			1545	4.0	122			1550	2.3	70			1701	4.7	143			1755	2.9	88	
	2055	13.7	418			2014	14.9	454			2150	12.0	366			2200	13.8	421			2325	11.7	357						
11 Wed	304	2.9	88		26 Thu	230	1.9	58		11 Sat	405	4.7	143		26 Sun	415	3.2	98		11 Tue	535	5.3	162		26 Wed	24	14.2	433	
	921	14.3	436			839	15.5	472			1015	12.7	387			1031	14.2	433			1149	12.2	372			629	3.2	98	
	1538	3.4	104			1509	2.1	64			1643	4.4	134			1700	2.7	82			1807	4.5	137			1254	14.2	433	
	2147	12.8	390			2109	14.2	433			2301	11.6	354			2320	13.5	411			2357	357				1902	2.6	79	
12 Thu	356	3.8	116		27 Fri	327	2.5	76		12 Sun	507	5.2	158		27 Mon	528	3.4	104		12 Wed	33	12.3	375		27 Thu	125	14.8	451	
	1013	13.6	415			936	15.0	457			1123	12.4	378			1152	14.1	430			641	4.7	143			733	2.5	76	
	1633	3.9	119			1610	2.4	73			1746	4.5	137			1812	2.6	79			1251	12.9	393			1351	14.8	451	
	2248	12.2	372			2216	13.7	418					354					411			1908	3.7	113			1959	2.0	61	
13 Fri	451	4.5	137		28 Sat	431	3.0	91		13 Mon	13	11.7	357		28 Tue	36	13.9	424		13 Thu	124	13.3	405		28 Fri	215	15.5	472	
	1112	13.1	399			1046	14.6	445			613	5.1	155			641	3.1	94			738	3.7	113			826	1.7	52	
	1730	4.2	128			1717	2.5	76			1229	12.6	384			1303	14.5	442			1341	13.8	421			1440	15.4	469	
	2355	12.0	366			2332	13.6	415			1849	4.1	125			1920	2.1	64			2000	2.7	82			2048	1.3	40	
14 Sat	550	4.8	146		29 Sun	540	3.2	98		14 Tue	113	12.3	375		29 Wed	139	14.7	448		14 Fri	208	14.4	439		29 Sat	259	16.1	491	
	1212	13.1	399			1200	14.6	445			717	4.6	140			748	2.4	73			827	2.4	73			911	1.0	30	
	1830	4.1	125			1826	2.2	67			1324	13.2	402			1402	15.2	463			1425	14.9	454			1523	15.8	482	
											1947	3.4	104			2019	1.3	40			2046	1.6	49			2129	0.9	27	
15 Sun	55	12.2	372		30 Mon	44	14.1	430		15 Wed	201	13.2	402		30 Thu	233	15.5	4											

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2012

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 Mon	417	16.5	503		16 Tue	341	17.8	543		1 Thu	458	15.8	482		16 Fri	459	18.2	555		1 Sat	512	15.2	463		16 Sun	540	17.6	536	
	1027	0.2	6			1008	-1.2	-37			1112	0.8	24			1119	-1.8	-55			1127	1.0	30			1152	-1.7	-52	
	1640	15.9	485			1610	17.5	533			1727	15.2	463			1734	17.8	543			1744	15.0	457			1814	17.6	536	
	2243	0.7	21			2225	-0.7	-21			2329	2.0	61			2340	-0.4	-12			2346	2.3	70						
2 Tue	453	16.4	500		17 Wed	428	18.2	555		2 Fri	534	15.5	472		17 Sat	552	17.8	543		2 Sun	549	15.0	457		17 Mon	15	-0.4	-12	
	1102	0.3	9			1051	-1.6	-49			1147	1.2	37			1207	-1.3	-40			1203	1.3	40			632	17.0	518	
	1717	15.7	479			1658	17.8	543			1803	14.9	454			1827	17.5	533			1819	14.8	451			1240	-1.0	-30	
	2318	1.0	30			2309	-0.8	-24					61					-12					70			1904	17.2	524	
3 Wed	528	16.1	491		18 Thu	516	18.2	555		3 Sat	6	2.6	79		18 Sun	30	0.2	6		3 Mon	24	2.6	79		18 Tue	106	0.3	9	
	1137	0.6	18			1135	-1.5	-46			610	15.0	457			645	17.1	521			626	14.6	445			723	16.2	494	
	1752	15.4	469			1748	17.6	536			1224	1.8	55			1258	-0.4	-12			1241	1.8	55			1330	0.1	3	
	2353	1.6	49			2354	-0.4	-12			1838	14.5	442			1920	16.9	515			1855	14.6	445			1954	16.4	500	
4 Thu	603	15.7	479		19 Fri	606	17.8	543		4 Sun	44	3.2	98		19 Mon	124	1.1	34		4 Tue	105	3.1	94		19 Wed	200	1.2	37	
	1213	1.3	40			1222	-0.9	-27			646	14.4	439			740	16.2	494			704	14.2	433			815	15.2	463	
	1827	14.8	451			1839	17.2	524			1303	2.5	76			1352	0.7	21			1321	2.4	73			1423	1.2	37	
			49				-12				1915	14.0	427			2015	16.1	491			1932	14.4	439			2045	15.5	472	
5 Fri	30	2.4	73		20 Sat	44	0.4	12		5 Mon	128	3.9	119		20 Tue	224	2.0	61		5 Wed	150	3.4	104		20 Thu	256	2.1	64	
	637	15.0	457			657	17.0	518			725	13.8	421			838	15.1	460			745	13.8	421			909	14.0	427	
	1250	2.1	64			1314	0.1	3			1347	3.3	101			1452	1.8	55			1406	2.9	88			1519	2.3	70	
	1902	14.2	433			1932	16.4	500			1956	13.6	415			2114	15.3	466			2013	14.1	430			2139	14.6	445	
6 Sat	109	3.3	101		21 Sun	139	1.5	46		6 Tue	217	4.5	137		21 Wed	327	2.8	85		6 Thu	240	3.7	113		21 Fri	355	2.8	85	
	713	14.3	436			752	16.0	488			809	13.2	402			942	14.1	430			831	13.3	405			1011	13.1	399	
	1332	2.9	88			1411	1.2	37			1438	3.9	119			1554	2.7	82			1456	3.3	101			1616	3.2	98	
	1940	13.5	411			2030	15.5	472			2043	13.2	402			2219	14.6	445			2101	13.9	424			2240	13.9	424	
7 Sun	154	4.2	128		22 Mon	241	2.5	76		7 Wed	314	4.8	146		22 Thu	432	3.2	98		7 Fri	336	3.7	113		22 Sat	455	3.3	101	
	752	13.5	411			854	14.9	454			903	12.7	387			1054	13.5	411			928	13.0	396			1119	12.5	381	
	1419	3.8	116			1515	2.2	67			1534	4.3	131			1657	3.3	101			1552	3.6	110			1715	3.9	119	
	2023	12.8	390			2136	14.7	448			2141	13.1	399			2326	14.3	436			2200	13.9	424			2342	13.5	411	
8 Mon	247	4.9	149		23 Tue	349	3.2	98		8 Thu	415	4.7	143		23 Fri	536	3.4	104		8 Sat	436	3.5	107		23 Sun	555	3.5	107	
	840	12.7	387			1006	14.0	427			1011	12.6	384			1204	13.3	405			1036	13.0	396			1225	12.4	378	
	1515	4.4	134			1623	2.9	88			1635	4.3	131			1759	3.6	110			1652	3.5	107			1816	4.2	128	
	2119	12.3	375			2250	14.3	436			2249	13.3	405					436			2306	14.2	433			1816	4.2	128	
9 Tue	349	5.3	162		24 Wed	500	3.5	107		9 Fri	517	4.3	131		24 Sat	27	14.4	439		9 Sun	538	3.0	91		24 Mon	40	13.4	408	
	943	12.2	372			1126	13.7	418			1123	12.9	393			637	3.2	98			1146	13.4	408			654	3.4	104	
	1617	4.7	143			1731	3.2	98			1736	4.0	122			1303	13.5	411			1756	3.2	98			1321	12.6	384	
	2231	12.2	372				436				2353	14.0	427			1858	3.6	110				433				1915	4.1	125	
10 Wed	455	5.2	158		25 Thu	2	14.4	439		10 Sat	618	3.4	104		25 Sun	119	14.6	445		10 Mon	11	14.8	451		25 Tue	130	13.6	415	
	1101	12.2	372			608	3.3	101			1226	13.7	418			732	2.8	85			641	2.2	67			749	2.9	88	
	1721	4.6	140			1236	13.9	424			1837	3.3	101			1353	13.8	421			1250	14.2	433			1409	13.0	396	
	2344	12.7	387			1835	3.1	94				427				1951	3.4	104			1901	2.6	79			2008	3.7	113	
11 Thu	600	4.6	140		26 Fri	101	14.8	451		11 Sun	49	15.0	457		26 Mon	203	14.8	451		11 Tue	110	15.6	475		26 Wed	215	13.9	424	
	1210	12.8	390			710	2.8	85			716	2.3	70			820	2.3	70			742	1.1	34			836	2.3	70	
	1823	4.0	122			1332	14.4	439			1321	14.8	451			1436	14.1	430			1347	15.2	463			1452	13.4	408	
			387			1933	2.8	85			1935	2.3	70			2037	3.0	91			2002	1.7	52			2055	3.2	98	
12 Fri	41	13.6	415		27 Sat	151	15.3	466		12 Mon	139	16.1	491		27 Tue	243	15.1	460		12 Wed	205	16.5	503		27 Thu	256	14.2	433	
	700	3.6	110			803	2.2	67			810	1.0	30			902	1.7	52			838	-0.1	-3			918	1.6	49	
	1306	13.8	421			1419	14.8	451			1411	15.9	485			1515	14.5	442			1441	16.1	491			1532	13.9	424	
	1920	3.1	94			2022	2.4	73			2028	1.3	40			2118	2.6	79			2058	0.7	21			2136	2.6	79	
13 Sat	129	14.8	451		28 Sun	233	15.7	479		13 Tue	228	17.1	521		28 Wed	320	15.2	463		13 Thu	259	17.2	524		28 Fri	336	14.5	442	
	753	2.3	70			847	1.6	49			859	-0.3	-9			940	1.3	40			929	-1.1	-34			956	1.0	30	
	1353	15.0	457			1500	15.1	460			1500	16.8	512			1553	14.7	448			1535	16.9	515			1611	14.4	439	
	2011	1.9	58			2104	2.0	61			2118	0.3	9			2157	2.3	70			2149	-0.2	-6			2215	2.0	61	
14 Sun	213	16.0	488		29 Mon	311	15.9	485		14 Wed	317	17.8	543		29 Thu	357	15.3	466		14 Fri	353	17.6	536		29 Sat	415	14.8	451	
	840	1.0	30			927	1.1	34			947	-1.2	-37			1016	1.0	30			1017	-1.8	-55			1032	0.6	18	
	1439	16.0	488			1539	15.3	466			1551	17.4	530			1630	14.9	454			1629	17.4	530			1648	14.7	448	
	2057	0.8	24			2142	1.7	52			2205	-0.4	-12			2233	2.1	64			2238	-0.7	-21			2252	1.7	52	
15 Mon	257	17.0	518		30 Tue	348	16.0	488		15 Thu	407	18.2	555		30 Fri	435	15.3	466		15 Sat	447	17.7	540		30 Sun	453	14.9	454	
	925	-0.3	-9			1003	0.8	24			1033	-1.8	-55			1052	0.8	24			1105	-2.0	-61			1108	0.4	12	
	1524	16.9	515			1615	15.4	469			1642	17.8	543			1707	15.0	457			1722	17.7	540			1724	15.0		