

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2009

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 Thu	0035	2.2	67		16 Fri	0122	-0.1	-3		1 Sun	0128	1.1	34		16 Mon	0225	1.4	43		1 Sun	0023	-0.4	-12		16 Mon	0104	0.2	6	
	0638	14.2	433			0736	15.6	475			0727	13.9	424			0833	13.0	396			0628	14.8	451			0719	14.1	430	
	1252	1.5	46			1339	0.1	3			1342	1.5	46			1438	2.4	73			1238	0.2	6			1317	1.4	43	
	1905	14.7	448			2001	16.0	488			1949	14.7	448			2050	13.3	405			1846	15.6	475			1931	14.2	433	
2 Fri	0115	2.4	73		17 Sat	0212	0.8	24		2 Mon	0213	1.6	49		17 Tue	0316	2.5	76		2 Mon	0103	0.0	0		17 Tue	0147	1.3	40	
	0714	13.8	421			0823	14.5	442			0809	13.4	408			0923	11.8	360			0707	14.4	439			0759	13.0	396	
	1330	2.0	61			1428	1.3	40			1429	2.1	64			1530	3.6	110			1319	0.9	27			1401	2.6	79	
	1940	14.5	442			2047	14.9	454			2032	14.2				2140	12.2				1925	15.1	460			2009	13.1	399	
3 Sat	0158	2.6	79		18 Sun	0305	1.8	55		3 Tue	0305	2.0	61		18 Wed	0413	3.4	104		3 Tue	0148	0.7	21		18 Wed	0235	2.5	76	
	0752	13.4	408			0913	13.3	405			0900	12.7	387			1027	10.9	332			0750	13.7	418			0843	12.0	366	
	1413	2.5	76			1519	2.5	76			1524	2.8	85			1631	4.5	137			1407	1.7	52			1452	3.8	116	
	2019	14.3				2137	13.8	421			2127	13.6	415			2249	11.3	344			2011	14.3				2054	12.0	366	
4 Sun	0246	2.9	88		19 Mon	0401	2.7	82		4 Wed	0406	2.4	73		19 Thu	0518	3.9	119		4 Wed	0242	1.4	43		19 Thu	0330	3.4	104	
	0837	13.0	396			1012	12.2	372			1008	12.1	369			1148	10.6	323			0843	12.9	393			0940	11.1	338	
	1501	3.0	91			1614	3.6	110			1630	3.3	101			1740	4.9	149			1505	2.6	79			1552	4.6	140	
	2105	14.0	427			2236	12.8	390			2239	13.2	402								2107	13.5	411			2155	11.1	338	
5 Mon	0339	3.0	91		20 Tue	0500	3.3	101		5 Thu	0516	2.5	76		20 Fri	0008	11.1	338		5 Thu	0345	2.1	64		20 Fri	0433	4.0	122	
	0932	12.6	384			1121	11.5	351			1132	12.1	369			0627	3.9	119			0951	12.2	372			1058	10.7	326	
	1556	3.4	104			1715	4.3	131			1745	3.4	104			1301	11.0	335			1615	3.2	98			1702	5.0	152	
	2203	13.8	421			2343	12.3	375								1854	4.7	143			2223	12.8	390			2321	10.7	326	
6 Tue	0439	3.0	91		21 Wed	0603	3.6	110		6 Fri	0000	13.3	405		21 Sat	0115	11.5	351		6 Fri	0457	2.4	73		21 Sat	0542	4.2	128	
	1042	12.4	378			1232	11.4	347			0630	2.1	64			0732	3.4	104			1119	12.1	369			1217	11.0	335	
	1659	3.6	110			1821	4.7	143			1251	12.8	390			1355	11.7	357			1733	3.3	101			1814	4.8	146	
	2311	13.8	421								1903	2.8	85			1957	4.0	122			2350	12.8	390						
7 Wed	0545	2.7	82		22 Thu	0047	12.2	372		7 Sat	0113	13.9	424		22 Sun	0206	12.1	369		7 Sat	0613	2.2	67		22 Sun	0037	11.1	338	
	1157	12.7	387			0707	3.5	107			0741	1.2	37			0824	2.5	76			1241	12.8	390			0648	3.8	116	
	1809	3.4	104			1333	11.7	357			1357	13.8	421			1439	12.6	384			1851	2.6	79			1315	11.7	357	
						1927	4.5	137			2012	1.6	49			2046	2.9	88								1920	4.0	122	
8 Thu	0021	14.2	433		23 Fri	0142	12.4	378		8 Sun	0216	14.8	451		23 Mon	0250	12.8	390		8 Sun	0105	13.5	411		23 Mon	0132	11.8	360	
	0653	2.0	61			0805	2.9	88			0842	0.0	0			0907	1.6	49			0725	1.4	43			0745	3.0	91	
	1306	13.4	408			1423	12.3	375			1455	15.0	457			1517	13.4	408			1346	13.9	424			1359	12.7	387	
	1920	2.8	85			2023	3.9	119			2109	0.3	9			2126	1.9	58			1959	1.5	46			2012	3.0	91	
9 Fri	0125	14.9	454		24 Sat	0230	12.9	393		9 Mon	0313	15.7	479		24 Tue	0329	13.6	415		9 Mon	0207	14.4	439		24 Tue	0216	12.7	387	
	0758	1.0	30			0852	2.2	67			0933	-1.2	-37			0944	0.7	21			0825	0.3	9			0831	2.1	64	
	1408	14.4	439			1507	12.9	393			1547	16.1	491			1553	14.2	433			1440	15.0	457			1438	13.6	415	
	2024	1.7	52			2110	3.1	94			2159	-0.8	-24			2203	0.9				2054	0.2	6			2055	1.8	55	
10 Sat	0225	15.7	479		25 Sun	0313	13.3	405		10 Tue	0406	16.4	500		25 Wed	0406	14.2	433		10 Tue	0301	15.3	466		25 Wed	0255	13.5	411	
	0856	-0.2	-6			0933	1.4	43			1019	-1.9	-58			1019	0.0	0			0915	-0.7	-21			0912	1.1	34	
	1505	15.4	469			1547	13.6	415			1637	16.8	512			1627	14.9	454			1529	16.0	488			1514	14.5	442	
	2121	0.6	18			2150	2.2				2244	-1.6				2238	0.1	3			2142	-0.9				2133	0.7	21	
11 Sun	0322	16.4	500		26 Mon	0353	13.8	421		11 Wed	0456	16.7	509		26 Thu	0441	14.7	448		11 Wed	0350	15.9	485		26 Thu	0333	14.3	436	
	0947	-1.2	-37			1010	0.7	21			1102	-2.2	-67			1053	-0.4	-12			1000	-1.4	-43			0949	0.4	12	
	1600	16.3	497			1624	14.2	433			1723	17.2	524			1701	15.4	469			1615	16.6	506			1550	15.3	466	
	2212	-0.4	-12			2227	1.5	46			2328	-1.8	-55			2312	-0.3	-9			2225	-1.6	-49			2209	-0.3	-9	
12 Mon	0417	16.9	515		27 Tue	0431	14.2	433		12 Thu	0542	16.7	509		27 Fri	0517	14.9	454		12 Thu	0436	16.3	497		27 Fri	0411	14.9	454	
	1035	-1.9	-58			1044	0.3	9			1144	-2.0	-61			1127	-0.5	-15			1041	-1.7	-52			1025	-0.2	-6	
	1653	17.0	518			1659	14.7	448			1807	17.1	521			1735	15.7	479			1658	16.8	512			1626	15.9	485	
	2300	-1.0	-30			2302	1.0	30								2347	-0.5	-15			2305	-1.8	-55			2245	-0.9	-27	
13 Tue	0511	17.1	521		28 Wed	0507	14.5	442		13 Fri	0010	-1.5	-46		28 Sat	0552	15.0	457		13 Fri	0520	16.2	494		28 Sat	0449	15.3	466	
	1121	-2.1	-64			1118	0.1	3			0626	16.2	494			1201	-0.3	-9			1120	-1.5	-46			1101	-0.5	-15	
	1743	17.3	527			1733	15.0	457			1226	-1.3	-40			1809	15.8	482			1738	16.7	509			1704	16.2	494	
	2346	-1.1	-34			2337	0.7	21			1848	16.6	506								2345	-1.5	-46			2322	-1.1	-34	
14 Wed																													

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2009

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 Wed	0131	0.3	9		16 Thu	0201	2.6	79		1 Fri	0216	1.0	30		16 Sat	0220	3.3	101		1 Mon	0402	2.2	67		16 Tue	0321	3.8	116	
	0741	14.3	436			0814	12.6	384			0835	14.6	445			0833	13.0	396			1028	14.8	451			0928	13.6	415	
	1355	1.7	52			1422	4.0	122			1450	2.4	73			1449	4.4	134			1644	2.6	79			1557	4.0	122	
	2000	14.5	442			2020	12.3	375			2057	14.2	433			2041	12.3	375			2259	13.7	418			2149	12.4	378	
2 Thu	0227	1.2	37		17 Fri	0253	3.4	104		2 Sat	0319	1.8	55		17 Sun	0312	3.8	116		2 Tue	0503	2.7	82		17 Wed	0413	4.0	122	
	0837	13.5	411			0904	11.9	363			0940	14.1	430			0923	12.7	387			1133	14.7	448			1022	13.6	415	
	1457	2.6	79			1520	4.7	143			1559	2.8	85			1545	4.6	140			1746	2.6	79			1652	3.9	119	
	2100	13.6	415			2114	11.5	351			2209	13.5	411			2138	11.9	363			2253	12.4	378						
3 Fri	0332	2.0	61		18 Sat	0351	4.0	122		3 Sun	0426	2.3	70		18 Mon	0407	4.1	125		3 Wed	0007	13.6	415		18 Thu	0509	4.1	125	
	0947	12.9	393			1008	11.5	351			1054	13.9	424			1021	12.6	384			0604	3.1	94			1122	13.9	424	
	1608	3.1	94			1624	5.0	152			1708	2.8	85			1643	4.5	137			1232	14.7	448			1751	3.4	104	
	2217	12.9	393			2227	11.1	338			2325	13.4	408			2245	11.8	360			1847	2.5	76			2359	12.8	390	
4 Sat	0443	2.4	73		19 Sun	0454	4.3	131		4 Mon	0532	2.5	76		19 Tue	0503	4.2	128		4 Thu	0106	13.7	418		19 Fri	0610	3.9	119	
	1110	12.8	390			1120	11.6	354			1204	14.2	433			1121	13.0	396			0703	3.2	98			1221	14.5	442	
	1723	3.1	94			1730	4.8	146			1815	2.5	76			1741	4.1	125			1325	14.8	451			1852	2.7	82	
	2342	12.9	393			2345	11.3	344			1917	1.9	58			2350	12.2	372			1944	2.2	67						
5 Sun	0555	2.3	70		20 Mon	0556	4.1	125		5 Tue	0034	13.7	418		20 Wed	0600	4.0	122		5 Fri	0158	13.9	424		20 Sat	0059	13.5	411	
	1226	13.4	408			1222	12.2	372			0636	2.4	73			1216	13.6	415			0758	3.1	94			0713	3.3	101	
	1836	2.5	76			1832	4.1	125			1303	14.7	448			1838	3.4	104			1412	14.9	454			1317	15.2	463	
											1917	1.9	58								2034	1.8	55			1951	1.8	55	
6 Mon	0054	13.5	411		21 Tue	0046	11.9	363		6 Wed	0132	14.1	430		21 Thu	0046	12.8	390		6 Sat	0245	14.1	430		21 Sun	0155	14.4	439	
	0704	1.8	55			0655	3.6	110			0735	2.1	64			0657	3.5	107			0847	2.9	88			0813	2.5	76	
	1328	14.3	436			1310	13.1	399			1353	15.2	463			1305	14.4	439			1455	15.0	457			1411	15.9	485	
	1941	1.5	46			1928	3.2	98			2011	1.2	37			1933	2.4	73			2118	1.4				2047	0.7	21	
7 Tue	0153	14.3	436		22 Wed	0134	12.7	387		7 Thu	0222	14.6	445		22 Fri	0136	13.7	418		7 Sun	0329	14.3	436		22 Mon	0249	15.2	463	
	0803	1.0	30			0747	2.8	85			0827	1.7	52			0751	2.8	85			0931	2.6	79			0908	1.6	49	
	1419	15.2	463			1352	14.0	427			1438	15.6	475			1351	15.3	466			1536	15.0	457			1505	16.6	506	
	2035	0.5	15			2016	2.0	61			2058	0.6	18			2024	1.3	40			2158	1.1	34			2137	-0.3	-9	
8 Wed	0243	15.0	457		23 Thu	0216	13.7	418		8 Fri	0307	14.9	454		23 Sat	0223	14.5	442		8 Mon	0412	14.5	442		23 Tue	0344	16.0	488	
	0853	0.3	9			0833	1.9	58			0912	1.4	43			0842	1.9	58			1011	2.5	76			1000	0.7	21	
	1505	15.9	485			1432	15.0	457			1521	15.8	482			1437	16.0	488			1617	15.0	457			1600	17.1	521	
	2121	-0.4	-12			2059	0.9	27			2140	0.2				2111	0.3	9			2236	1.0	30			2226	-1.0	-30	
9 Thu	0330	15.5	472		24 Fri	0257	14.5	442		9 Sat	0350	15.0	457		24 Sun	0311	15.3	466		9 Tue	0453	14.6	445		24 Wed	0439	16.7	509	
	0937	-0.2	-6			0915	1.1	34			0953	1.2	37			0930	1.1	34			1050	2.4	73			1049	0.1	3	
	1548	16.3	497			1512	15.8	482			1601	15.7	479			1525	16.6	506			1657	14.8	451			1655	17.3	527	
	2203	-0.9	-27			2140	-0.1	-3			2219	0.1	3			2157	-0.5	-15			2312	1.0	30			2313	-1.3	-40	
10 Fri	0413	15.7	479		25 Sat	0339	15.2	463		10 Sun	0432	15.0	457		25 Mon	0401	15.9	485		10 Wed	0533	14.6	445		25 Thu	0533	17.2	524	
	1017	-0.4	-12			0956	0.4	12			1031	1.3	40			1016	0.5	15			1128	2.5	76			1138	-0.1	-3	
	1629	16.4	500			1553	16.4	500			1640	15.5	472			1615	17.0	518			1737	14.7	448			1750	17.4	530	
	2242	-1.1	-34			2220	-0.8	-24			2256	0.2	6			2242	-1.1	-34			2349	1.3	40						
11 Sat	0455	15.6	475		26 Sun	0423	15.7	479		11 Mon	0512	14.9	454		26 Tue	0452	16.3	497		11 Thu	0612	14.6	445		26 Fri	0001	-1.2	-37	
	1055	-0.2	-6			1036	0.0	0			1109	1.6	49			1102	0.3	9			1207	2.8	85			0625	17.3	527	
	1709	16.1	491			1637	16.7	509			1719	15.2	463			1707	17.1	521			1815	14.4	439			1228	0.0	0	
	2319	-0.8	-24			2300	-1.2	-37			2333	0.5	15			2327	-1.1	-34								1843	17.1	521	
12 Sun	0535	15.3	466		27 Mon	0508	15.9	485		12 Tue	0552	14.6	445		27 Wed	0545	16.6	506		12 Fri	0027	1.7	52		27 Sat	0050	-0.7	-21	
	1132	0.3	9			1118	0.0	0			1147	2.0	61			1150	0.3	9			0648	14.5	442			0716	17.2	524	
	1746	15.7	479			1723	16.7	509			1757	14.7	448			1800	16.9	515			1247	3.1	94			1321	0.5	15	
	2357	-0.2	-6			2343	-1.1	-34													1852	14.0	427			1935	16.4	500	
13 Mon	0614	14.8	451		28 Tue	0556	15.9	485		13 Wed	0010	1.1	34		28 Thu	0015	-0.8	-24		13 Sat	0106	2.2	67		28 Sun	0142	0.1	3	
	1210	1.1	34			1203	0.3	9			0631	14.3	436			0637	16.5	503			0725	14.3	436			0806	16.7	509	
	1823	15.0	457			1810	16.4	500			1226	2.7	82			1242	0.7	21			1330	3.5	107			1416	1.2	37	
											1835	14.2	433			1854	16.5	503			1930	13.6				2027	15.6	475	
14 Tue	0035	0.6	18		29 Wed	0028	-0.6	-18		14 Thu	0050	1.8	55		29 Fri	0107	-0.2	-6		14 Sun	0148	2.8	85		29 Mon	0236	1.1	34	
	0652	14.1	430			0645	15.6	475			0710	13.9	424			0730	16.2	494			0802	14.0	427			0858	16.0	488	
	1249	2.1	64			1252	0.9	27			1309	3.3	101			1337	1.3	40			1416	3.8	116			1514	1.9	58	
	1900	14.1	430			1901	15.8	482			1914	13.5				1949	15.8	482			2009	13.1	399			2124	14.6	445	
15 Wed	0116	1.6	49		30 Thu	0119	0.1	3		15 Fri	0133	2.6	79		30 Sat	0202	0.6	18		15 Mon	0233	3.3	101		30 Tue	0332	2.1	64	
	0731	13.4	408			0737	15.2	463			0750	13.4	408			0825	15.8	482			0842	13.8	421			0954	15.2	463	
	1332	3.1	94			1347	1.7	52			1356	4.0	122			1438	1.8	55			1505	4							

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2009

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 Wed	0429	3.0	91		16 Thu	0330	3.7	113		1 Sat	0007	12.2	372		16 Sun	0510	4.2	128		1 Tue	0140	12.7	387		16 Wed	0111	14.5	442	
	1056	14.5	442			0933	14.1	430			0558	4.9	149			1123	13.7	418			0739	4.6	140			0725	2.5	76	
	1713	3.0	91			1610	3.5	107			1228	13.0	396			1754	3.2	98			1354	13.0	396			1335	15.1	460	
	2333	13.1	399			2205	12.6	384			1844	3.9	119								2007	3.4	104			1952	1.5	46	
2 Thu	0529	3.7	113		17 Fri	0427	4.0	122		2 Sun	0112	12.4	378		17 Mon	0013	13.1	399		2 Wed	0223	13.4	408		17 Thu	0207	15.7	479	
	1158	14.1	430			1036	13.9	424			0704	4.9	149			0626	3.8	116			0828	3.7	113			0823	1.2	37	
	1814	3.2	98			1711	3.4	104			1326	13.1	399			1239	14.3	436			1436	13.7	418			1429	16.1	491	
3 Fri	0038	13.0	396		18 Sat	0533	4.1	125		3 Mon	0206	12.8	390		18 Tue	0123	14.1	430		3 Thu	0301	14.2	433		18 Fri	0257	16.8	512	
	0630	4.1	125			1146	14.2	433			0804	4.4	134			0738	2.7	82			0909	2.7	82			0914	-0.1	-3	
	1256	14.0	427			1818	3.0	91			1416	13.4	408			1344	15.2	463			1513	14.3	436			1519	16.9	515	
	1915	3.1	94								2035	2.9	88			2010	1.2	37			2128	1.8	55			2133	-0.5	-15	
4 Sat	0135	13.1	399		19 Sun	0031	13.2	402		4 Tue	0251	13.4	408		19 Wed	0222	15.3	466		4 Fri	0335	14.9	454		19 Sat	0344	17.6	536	
	0731	4.2	128			0644	3.7	113			0853	3.7	113			0839	1.4	43			0946	1.9	58			0959	-0.9	-27	
	1347	14.0	427			1252	14.7	448			1459	13.9	424			1441	16.2	494			1549	14.9	454			1607	17.4	530	
	2010	2.8	85			1926	2.2	67			2117	2.2	67			2105	0.0	0			2203	1.2	37			2216	-0.9	-27	
5 Sun	0225	13.3	405		20 Mon	0135	14.1	430		5 Wed	0331	14.0	427		20 Thu	0315	16.5	503		5 Sat	0409	15.5	472		20 Sun	0429	17.9	546	
	0825	3.9	119			0752	2.8	85			0934	3.0	91			0931	0.1	3			1020	1.2	37			1041	-1.3	-40	
	1434	14.2	433			1354	15.5	472			1539	14.3	436			1535	17.0	518			1623	15.3	466			1653	17.4	530	
	2057	2.3	70			2027	1.0	30			2155	1.6	49			2153	-1.0	-30			2236	0.8	24			2257	-0.9	-27	
6 Mon	0311	13.7	418		21 Tue	0234	15.2	463		6 Thu	0408	14.6	445		21 Fri	0406	17.4	530		6 Sun	0442	15.9	485		21 Mon	0512	17.8	543	
	0912	3.5	107			0852	1.6	49			1012	2.3	70			1018	-0.9	-27			1054	0.7	21			1122	-1.1	-34	
	1517	14.3	436			1452	16.4	500			1617	14.7	448			1626	17.6	536			1658	15.5	472			1737	17.1	521	
	2139	1.8	55			2121	-0.1	-3			2230	1.1	34			2238	-1.5	-46			2309	0.7	21			2338	-0.3	-9	
7 Tue	0354	14.1	430		22 Wed	0330	16.2	494		7 Fri	0444	15.1	460		22 Sat	0454	18.0	549		7 Mon	0515	16.2	494		22 Tue	0555	17.3	527	
	0954	3.0	91			0946	0.5	15			1047	1.7	52			1103	-1.3	-40			1128	0.6	18			1203	-0.4	-12	
	1559	14.5	442			1548	17.1	521			1653	15.0	457			1715	17.7	540			1732	15.5	472			1820	16.4	500	
	2217	1.4	43			2210	-1.1	-34			2304	0.9	27			2321	-1.5	-46			2342	0.9	27						
8 Wed	0434	14.5	442		23 Thu	0424	17.1	521		8 Sat	0517	15.4	469		23 Sun	0540	18.1	552		8 Tue	0548	16.2	494		23 Wed	0636	16.5	503	
	1032	2.6	79			1035	-0.4	-12			1121	1.5	46			1146	-1.2	-37			1203	0.7	21			1245	0.6	18	
	1639	14.7	448			1642	17.5	533			1727	15.1	460			1802	17.4	530			1807	15.4	469			1902	15.4	469	
	2253	1.2	37			2257	-1.6	-49			2337	0.9	27																
9 Thu	0512	14.8	451		24 Fri	0516	17.7	540		9 Sun	0550	15.6	475		24 Mon	0004	-1.0	-30		9 Wed	0017	1.3	40		24 Thu	0101	1.9	58	
	1109	2.3	70			1122	-0.8	-24			1156	1.4	43			0625	17.7	540			0623	16.0	488			0717	15.4	469	
	1717	14.7	448			1735	17.7	540			1801	15.0	457			1231	-0.6	-18			1240	1.2	37			1330	1.9	58	
	2328	1.1	34			2343	-1.6	-49								1847	16.7	509			1843	15.0	457			1946	14.3	436	
10 Fri	0548	15.0	457		25 Sat	0606	17.9	546		10 Mon	0010	1.2	37		25 Tue	0047	0.0	0		10 Thu	0055	2.0	61		25 Fri	0147	3.2	98	
	1146	2.3	70			1209	-0.7	-21			0621	15.6	475			0708	16.9	515			0700	15.6	475			0759	14.2	433	
	1753	14.7	448			1825	17.4	530			1231	1.6	49			1316	0.4	12			1322	1.8	55			1420	3.1	94	
											1834	14.8	451			1932	15.6	475			1924	14.4	439			2033	13.2	402	
11 Sat	0003	1.3	40		26 Sun	0029	-1.1	-34		11 Tue	0045	1.6	49		26 Wed	0132	1.3	40		11 Fri	0140	2.8	85		26 Sat	0240	4.4	134	
	0622	15.1	460			0653	17.7	540			0654	15.5	472			0751	15.8	482			0743	15.0	457			0848	13.0	396	
	1223	2.4	73			1258	-0.2	-6			1308	1.9	58			1405	1.7	52			1412	2.5	76			1517	4.1	125	
	1828	14.5	442			1913	16.7	509			1908	14.4	439			2017	14.4	439			2012	13.7	418			2132	12.3	375	
12 Sun	0039	1.7	52		27 Mon	0116	-0.1	-3		12 Wed	0122	2.2	67		27 Thu	0221	2.7	82		12 Sat	0235	3.5	107		27 Sun	0342	5.6	171	
	0655	15.0	457			0739	17.0	518			0728	15.2	463			0836	14.5	442			0836	14.2	433			0952	12.1	369	
	1301	2.6	79			1348	0.6	18			1350	2.4	73			1458	2.9	88			1512	3.1	94			1621	4.8	146	
	1903	14.2	433			2001	15.7	479			1947	13.9	424			2109	13.1	399			2115	13.1	399			2248	11.8	360	
13 Mon	0116	2.2	67		28 Tue	0205	1.0	30		13 Thu	0205	2.9	88		28 Fri	0315	4.0	122		13 Sun	0342	4.1	125		28 Mon	0451	5.6	171	
	0728	14.8	451			0826	16.1	491			0808	14.7	448			0929	13.3	405			0945	13.6	415			1115	11.7	357	
	1341	2.9	88			1441	1.6	49			1439	2.9	88			1557	3.8	116			1623	3.5	107			1728	4.9	149	
	1938	13.9	424			2051	14.5	442			2032	13.4	408			2213	12.2	372			2237	12.8	390						
14 Tue	0156	2.7	82		29 Wed	0257	2.3	70		14 Fri	0256	3.5	107		29 Sat	0417	4.9	149		14 Mon	0458	4.2	128		29 Tue	0005	12.1	369	
	0803	14.6	445			0916	14.9	454			0858	14.2	433			1038	12.4	378			1112	13.5	411			0601	5.4	165	
	1425	3.2	98			1537	2.6	79			1536	3.3																	

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2009

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 Thu	0145	13.6	415		16 Fri	0148	16.0	488		1 Sun	0215	15.3	466		16 Mon	0257	16.4	500		1 Tue	0218	15.6	475		16 Wed	0322	15.1	460	
	0755	3.8	116			0804	1.2	37			0841	1.9	58			0918	0.4	12			0852	1.1	34			0943	0.9	27	
	1404	13.5	411			1414	15.9	485			1441	14.8	451			1528	15.8	482			1452	15.0	457			1557	14.7	448	
	2014	3.1	94			2024	1.1	34			2057	2.2	67			2133	1.5	46			2111	2.0	61			2158	2.2	67	
2 Fri	0222	14.4	439		17 Sat	0235	16.8	512		2 Mon	0253	16.0	488		17 Tue	0340	16.4	500		2 Wed	0304	16.3	497		17 Thu	0405	15.1	460	
	0837	2.7	82			0854	0.2	6			0921	0.9	27			1000	0.2	6			0937	0.2	6			1022	0.7	21	
	1441	14.3	436			1501	16.5	503			1520	15.5	472			1612	15.8	482			1539	15.7	479			1640	14.9	454	
	2054	2.3	70			2111	0.5	15			2137	1.6	49			2214	1.4	43			2156	1.2	37			2237	2.0	61	
3 Sat	0257	15.2	463		18 Sun	0320	17.3	527		3 Tue	0331	16.5	503		18 Wed	0422	16.3	497		3 Thu	0351	16.7	509		18 Fri	0446	15.0	457	
	0915	1.7	52			0938	-0.4	-12			1000	0.2	6			1039	0.2	6			1020	-0.5	-15			1059	0.6	18	
	1516	15.0	457			1547	16.8	512			1601	15.9	485			1654	15.7	479			1627	16.2	494			1720	15.0	457	
	2131	1.6	49			2154	0.2	6			2216	1.1	34			2253	1.6	49			2241	0.7	21			2315	2.0	61	
4 Sun	0331	15.9	485		19 Mon	0403	17.4	530		4 Wed	0412	16.9	515		19 Thu	0503	15.9	485		4 Fri	0441	16.9	515		19 Sat	0525	14.8	451	
	0951	0.9	27			1019	-0.7	-21			1039	-0.2	-6			1116	0.5	15			1104	-0.8	-24			1135	0.8	24	
	1552	15.5	472			1631	16.8	512			1643	16.2	494			1736	15.4	469			1717	16.6	506			1758	14.9	454	
	2206	1.1	34			2234	0.2	6			2256	1.0	30			2332	2.0	61			2326	0.5	15			2353	2.2	67	
5 Mon	0405	16.4	500		20 Tue	0445	17.2	524		5 Thu	0456	16.9	515		20 Fri	0543	15.4	469		5 Sat	0532	16.9	515		20 Sun	0603	14.6	445	
	1026	0.3	9			1059	-0.5	-15			1119	-0.3	-9			1155	1.1	34			1149	-0.7	-21			1212	1.2	37	
	1628	15.9	485			1714	16.5	503			1728	16.2	494			1817	15.1	460			1808	16.7	509			1834	14.8	451	
	2241	0.8	24			2313	0.7	21			2338	1.1	34																
6 Tue	0441	16.6	506		21 Wed	0526	16.7	509		6 Fri	0542	16.7	509		21 Sat	0015	0.7	21		6 Sun	0015	0.7	21		21 Mon	0032	2.5	76	
	1101	0.1	3			1138	0.1	3			1202	0.1	3			0623	14.8	451			0624	16.6	506			0640	14.2	433	
	1705	16.0	488			1756	15.9	485			1816	16.1	491			1234	1.8	55			1238	-0.3	-9			1250	1.7	52	
	2317	0.9	27			2353	1.5	46								1856	14.6	445			1859	16.5	503			1909	14.5	442	
7 Wed	0518	16.7	509		22 Thu	0606	16.0	488		7 Sat	0024	1.6	49		22 Sun	0054	3.3	101		7 Mon	0107	1.1	34		22 Tue	0113	2.9	88	
	1138	0.2	6			1217	0.9	27			0631	16.3	497			0702	14.1	430			0717	16.1	491			0716	13.7	418	
	1744	15.9	485			1837	15.2	463			1249	0.7	21			1316	2.6	79			1330	0.4	12			1329	2.4	73	
	2355	1.3	40			1906	15.7	479			1906	15.7	479			1936	14.1				1951	16.2	494			1944	14.2	433	
8 Thu	0558	16.4	500		23 Fri	0033	2.5	76		8 Sun	0116	2.2	67		23 Mon	0140	4.0	122		8 Tue	0204	1.6	49		23 Wed	0156	3.3	101	
	1218	0.6	18			0646	15.0	457			0724	15.6	475			0743	13.3	405			0813	15.4	469			0753	13.1	399	
	1826	15.5	472			1259	2.0	61			1343	1.5	46			1402	3.4	104			1426	1.3	40			1412	3.0	91	
						1919	14.4	439			2001	15.2	463			2019	13.6	415			2047	15.7	479			2021	13.8	421	
9 Fri	0036	1.9	58		24 Sat	0118	3.5	107		9 Mon	0216	2.8	85		24 Tue	0232	4.5	137		9 Wed	0305	2.1	64		24 Thu	0243	3.7	113	
	0641	15.9	485			0727	14.0	427			0822	14.8	451			0828	12.7	387			0913	14.6	445			0834	12.6	384	
	1303	1.3	40			1345	3.1	94			1444	2.3	70			1453	4.1	125			1526	2.0	61			1458	3.6	110	
	1912	15.0	457			2003	13.6	415			2102	14.7	448			2106	13.1	399			2147	15.1	460			2103	13.4	408	
10 Sat	0125	2.7	82		25 Sun	0208	4.5	137		10 Tue	0323	3.2	98		25 Wed	0327	4.8	146		10 Thu	0408	2.4	73		25 Fri	0333	3.9	119	
	0729	15.2	463			0812	13.1	399			0930	14.1	430			0922	12.1	369			1020	13.9	424			0923	12.1	369	
	1355	2.1	64			1438	4.0	122			1550	2.8	85			1548	4.5	137			1628	2.7	82			1548	4.1	125	
	2004	14.3	436			2054	12.8	390			2213	14.5	442			2201	12.9	393			2254	14.7	448			2153	13.2	402	
11 Sun	0224	3.4	104		26 Mon	0307	5.2	158		11 Wed	0432	3.2	98		26 Thu	0425	4.8	146		11 Fri	0512	2.6	79		26 Sat	0428	3.9	119	
	0826	14.4	439			0908	12.2	372			1046	13.9	424			1027	11.9	363			1131	13.6	415			1025	11.8	360	
	1458	2.9	88			1537	4.7	143			1657	3.0	91			1644	4.7	143			1731	3.1	94			1643	4.3	131	
	2109	13.7	418			2157	12.4	378			2325	14.6	445			2301	13.0	396								2253	13.1	399	
12 Mon	0334	3.9	119		27 Tue	0412	5.5	168		12 Thu	0540	2.9	88		27 Fri	0523	4.6	140		12 Sat	0000	14.7	448		27 Sun	0526	3.7	113	
	0938	13.7	418			1020	11.8	360			1200	14.1	430			1134	12.1	369			0616	2.5	76			1134	12.0	366	
	1608	3.3	101			1640	5.0	152			1802	2.9	88			1741	4.6	140			1238	13.7	418			1744	4.3	131	
	2229	13.6	415			2307	12.4	378								2358	13.4	408			1834	3.2	98			2356	13.5	411	
13 Tue	0448	3.9	119		28 Wed	0516	5.3	162		13 Fri	0030	15.1	460		28 Sat	0620	4.0	122		13 Sun	0059	14.8	451		28 Mon	0628	3.2	98	
	1103	13.6	415			1136	11.9	363			0644	2.3	70			1232	12.6	384			0717	2.2	67			1238	12.5	381	
	1720	3.3	101			1741	4.9	149			1302	14.6	445			1838	4.3	131			1335	13.9	424			1849	3.9	119	
	2349	14.1	430								1904	2.6	79								1935	3.1	94						
14 Wed	0601	3.3	101		29 Thu	0009	12.9	393		14 Sat	0124	15.7	479		29 Sun	0048	14.1	430		14 Mon	0151	14.9	454		29 Tue	0055	14.1	430	
	1220	14.2	433			0617	4.8	146			0742	1.6	49			0714	3.2	98			0812	1.7	52			0729	2.3	70	
	1829	2.7	82			1236	12.4	378			1355	15.1	460			1321	13.4	408			1426	14.2	433			1336	13.4	408	
						1838	4.4	134			2000	2.1	64			1933	3.6	110			2029	2.8	85			1952	3.1	94	
15 Thu	0054	15.0	457		30 Fri	0057	13.6	415		15 Sun	0213	16.2	494		30 Mon	0134	14.9	454		15 Tue	0238	15.1	460		30 Wed	0150	14.8	451	
	0707	2.3	70			0711	3.9	119			0833	0.9	27			0805	2.2	67			0900	1.3	40			0826	1.2	37	
	1321	15.0	457																										