

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2014

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		h m	ft	cm					
1	449	16.7	509	16 Tue	425	15.3	466	1	513	16.0	488	16	442	16.2	494	1	614	15.1	460	16	604	17.3	527	
	1054	-1.7	-52			1037	0.0	0		1112	0.0	0		1053	0.1	3		1210	1.9	58		1209	-0.2	-6
	1708	17.3	527			1638	16.0	488		1726	16.4	500		1655	16.8	512		1822	15.0	457		1821	17.2	524
	2316	-2.1	-64			2300	-0.8	-24		2334	-0.7	-21		2319	-1.0	-30								
2	535	16.5	503	17 Wed	505	15.6	475	2	556	15.6	475	17	529	16.4	500	2	29	1.1	34	17	35	-1.0	-30	
	1135	-1.3	-40			1114	-0.1	-3		1153	0.6	18		1137	0.1	3		653	14.8	451		655	17.3	527
	1751	16.9	515			1718	16.2	494		1807	15.8	482		1743	16.8	512		1252	2.5	76		1300	0.2	6
	2358	-1.5	-46			2339	-0.9	-27		2009	13.3	405		2018	15.3	466		1901	14.5	442		1913	16.7	509
3	618	15.9	485	18 Thu	546	15.7	479	3	14	0.0	0	18	3	-0.9	-27	3	110	1.8	55	18	126	-0.3	-9	
	1217	-0.5	-15			1154	0.1	3		637	15.1	460		617	16.5	503		731	14.4	439		746	17.0	518
	1833	16.1	491			1759	16.1	491		1234	1.4	43		1223	0.4	12		1336	3.2	98		1355	0.8	24
										1847	15.1	460		1832	16.5	503		1940	13.8	421		2006	16.0	488
4	39	-0.6	-18	19 Fri	19	-0.6	-18	4	55	0.9	27	19	50	-0.4	-12	4	153	2.6	79	19	221	0.5	15	
	700	15.1	460			629	15.6	475		717	14.5	442		706	16.3	497		810	13.9	424		840	16.4	500
	1259	0.7	21			1237	0.5	15		1318	2.4	73		1314	0.9	27		1424	3.7	113		1454	1.4	43
	1915	15.2	463			1843	15.8	482		1927	14.2	433		1923	16.0	488		2021	13.2	402		2104	15.2	463
5	123	0.5	15	20 Sat	104	-0.1	-3	5	139	1.8	55	20	142	0.2	6	5	240	3.2	98	20	319	1.4	43	
	742	14.1	430			715	15.2	463		758	13.7	418		758	15.9	485		852	13.5	411		938	15.8	482
	1345	1.9	58			1325	1.1	34		1405	3.2	98		1410	1.5	46		1516	4.1	125		1555	1.9	58
	1956	14.0	427			1930	15.2	463		2009	13.3	405		2018	15.3	466		2109	12.6	384		2209	14.4	439
6	210	1.7	52	21 Sun	155	0.7	21	6	227	2.8	85	21	239	1.0	30	6	331	3.8	116	21	420	2.1	64	
	827	13.1	399			806	14.7	448		843	13.1	399		855	15.4	469		942	13.2	402		1042	15.2	463
	1436	3.0	91			1421	1.8	55		1459	4.0	122		1512	2.0	61		1610	4.3	131		1658	2.3	70
	2042	12.9	393			2024	14.5	442		2057	12.5	381		2119	14.5	442		2206	12.3	375		2319	13.9	424
7	302	2.7	82	22 Mon	254	1.4	43	7	319	3.5	107	22	341	1.6	49	7	424	4.1	125	22	522	2.7	82	
	918	12.2	372			904	14.2	433		935	12.5	381		959	15.0	457		1039	13.1	399		1147	15.0	457
	1533	3.9	119			1524	2.3	70		1556	4.4	134		1617	2.3	70		1707	4.2	128		1801	2.4	73
	2137	12.0	366			2129	13.8	421		2155	11.9	363		2230	14.0	427		2310	12.3	375				
8	400	3.5	107	23 Tue	358	1.9	58	8	416	4.0	122	23	444	2.1	64	8	520	4.2	128	23	26	13.8	421	
	1023	11.7	357			1014	13.9	424		1037	12.3	375		1107	14.9	454		1138	13.4	408		625	3.0	91
	1635	4.4	134			1632	2.5	76		1656	4.5	137		1722	2.3	70		1804	3.8	116		1248	15.0	457
	2246	11.4	347			2245	13.5	411		2303	11.8	360		2343	14.0	427						1904	2.3	70
9	501	3.9	119	24 Wed	505	2.1	64	9	514	4.1	125	24	549	2.3	70	9	11	12.7	387	24	126	14.0	427	
	1136	11.6	354			1128	14.1	430		1141	12.5	381		1213	15.1	460		618	3.9	119		726	2.9	88
	1741	4.4	134			1742	2.3	70		1756	4.2	128		1827	2.0	61		1232	13.9	424		1342	15.1	460
	2359	11.5	351															1901	3.1	94		2001	1.9	58
10	605	3.8	116	25 Thu	2	13.7	418	10	8	12.1	369	25	48	14.2	433	10	105	13.4	408	25	219	14.3	436	
	1238	12.0	366			613	1.9	58		612	3.9	119		652	2.2	67		716	3.4	104		821	2.7	82
	1844	4.0	122			1236	14.7	448		1235	13.1	399		1311	15.5	472		1322	14.7	448		1430	15.3	466
						1850	1.7	52		1853	3.6	110		1928	1.5	46		1955	2.1	64		2050	1.5	46
11	58	12.0	366	26 Fri	107	14.3	436	11	101	12.7	387	26	145	14.7	448	11	155	14.2	433	26	306	14.6	445	
	704	3.4	104			717	1.4	43		709	3.5	107		750	1.9	58		811	2.6	79		909	2.3	70
	1327	12.7	387			1334	15.4	469		1321	13.8	421		1403	15.8	482		1409	15.5	472		1515	15.4	469
	1939	3.2	98			1951	0.8	24		1945	2.7	82		2023	0.9	27		2045	1.0	30		2134	1.0	30
12	146	12.7	387	27 Sat	204	15.0	457	12	147	13.5	411	27	236	15.0	457	12	243	15.1	460	27	351	14.8	451	
	756	2.7	82			814	0.7	21		800	2.7	82		843	1.5	46		901	1.6	49		952	2.0	61
	1408	13.5	411			1425	16.1	491		1403	14.6	445		1450	16.1	491		1457	16.3	497		1558	15.4	469
	2026	2.2	67			2044	-0.1	-3		2032	1.6	49		2110	0.4	12		2131	0.0	0		2213	0.7	21
13	228	13.5	411	28 Sun	255	15.6	475	13	230	14.3	436	28	324	15.3	466	13	332	15.9	485	28	433	15.1	460	
	841	1.9	58			905	0.1	3		846	1.9	58		929	1.2	37		949	0.8	24		1032	1.8	55
	1446	14.3	436			1513	16.6	506		1444	15.4	469		1536	16.2	494		1546	16.8	512		1640	15.4	469
	2108	1.1	34			2131	-0.8	-24		2115	0.6	18		2153	0.1	3		2216	-0.8	-24		2251	0.6	18
14	307	14.2	433	29 Mon	343	16.0	488	14	313	15.0	457	29	409	15.5	472	14	422	16.6	506	29	513	15.2	463	
	921	1.1	34			950	-0.3	-9		930	1.1	34		1011	1.1	34		1035	0.1	3		1110	1.8	55
	1522	15.1	460			1558	16.8	512		1526	16.0	488		1619	16.1	491		1637	17.2	524		1719	15.3	466
	2146	0.2	6			2214	-1.1	-34		2156	-0.2	-6		2233	0.0	0		2301	-1.3	-40		2327	0.7	21
15	346	14.9	454	30 Tue	429	16.1	491	15	357	15.7	479	30	453	15.5	472	15	513	17.1	521	30	551	15.2	463	
	959	0.4	12			1032	-0.3	-9		1011	0.5	15		1052	1.2	37		1121	-0.2	-6		1148	1.9	58
	1600	15.6	475			1643	16.																	

Balboa, Pacific Ocean

Times and Heights of High and Low Waters - year 2014

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	4	1.0	30		16	17	-1.6	-49		1	50	1.7	52		16	133	0.0	0		1	138	2.6	79		16	251	3.0	91	
Tue	627	15.1	460		Wed	637	18.0	549		Fri	702	15.0	457		Sat	752	16.9	515		Mon	739	14.7	448		Tue	905	14.2	433	
	1227	2.2	67			1242	-0.6	-18			1316	2.3	70			1402	0.6	18			1409	2.7	82			1523	3.1	94	
	1834	14.8	451			1858	17.3	527			1916	14.3	436			2018	15.5	472			2006	13.8	421			2143	13.2	402	
2	42	1.5	46		17	106	-0.9	-27		2	128	2.3	70		17	226	1.3	40		2	226	3.2	98		17	352	4.1	125	
Wed	702	14.9	454		Thu	727	17.6	536		Sat	735	14.7	448		Sun	843	15.8	482		Tue	824	14.2	433		Wed	1008	13.2	402	
	1307	2.7	82			1334	0.0	0			1357	2.8	85			1458	1.7	52			1503	3.2	98			1625	3.9	119	
	1911	14.3	436			1949	16.5	503			1953	13.8	421			2113	14.3	436			2059	13.3	405			2256	12.5	381	
3	121	2.1	64		18	158	0.1	3		3	210	2.9	88		18	323	2.6	79		3	324	3.7	113		18	458	4.7	143	
Thu	736	14.6	445		Fri	818	16.9	515		Sun	812	14.3	436		Mon	939	14.6	445		Wed	922	13.7	418		Thu	1122	12.7	387	
	1350	3.1	94			1430	0.9	27			1444	3.3	101			1558	2.7	82			1605	3.4	104			1730	4.2	128	
	1948	13.8	421			2043	15.5	472			2036	13.3	405			2218	13.3	405			2208	13.0	396						
4	203	2.8	85		19	254	1.2	37		4	257	3.5	107		19	424	3.6	110		4	430	3.9	119		19	10	12.5	381	
Fri	812	14.2	433		Sat	912	16.0	488		Mon	857	13.9	424		Tue	1046	13.7	418		Thu	1038	13.5	411		Fri	605	4.7	143	
	1436	3.6	110			1529	1.7	52			1537	3.6	110			1701	3.4	104			1714	3.3	101			1231	12.8	390	
	2028	13.3	405			2142	14.4	439			2130	12.8	390			2332	12.7	387			2328	13.3	405			1834	4.1	125	
5	248	3.4	104		20	353	2.2	67		5	353	3.9	119		20	529	4.2	128		5	543	3.6	110		20	109	13.0	396	
Sat	853	13.8	421		Sun	1012	15.1	460		Tue	955	13.6	415		Wed	1157	13.3	405		Fri	1157	14.0	427		Sat	708	4.3	131	
	1526	3.9	119			1630	2.4	73			1637	3.6	110			1807	3.7	113			1824	2.7	82			1325	13.2	402	
	2116	12.8	390			2250	13.6	415			2238	12.7	387														1931	3.6	110
6	338	3.8	116		21	454	3.1	94		6	456	4.0	122		21	42	12.8	390		6	39	14.2	433		21	155	13.6	415	
Sun	942	13.6	415		Mon	1118	14.4	439		Wed	1106	13.7	418		Thu	636	4.3	131		Sat	654	2.7	82		Sun	800	3.5	107	
	1619	3.9	119			1733	2.9	88			1742	3.3	101			1300	13.4	408			1305	14.9	454			1410	13.8	421	
	2214	12.5	381								2353	13.1	399			1910	3.5	107			1930	1.6	49			2019	2.9	88	
7	433	4.1	125		22	1	13.2	402		7	605	3.7	113		22	139	13.2	402		7	139	15.4	469		22	234	14.3	436	
Mon	1042	13.5	411		Tue	558	3.6	110		Thu	1217	14.2	433		Fri	737	3.9	119		Sun	757	1.5	46		Mon	844	2.7	82	
	1717	3.8	116			1224	14.2	433			1849	2.6	79			1352	13.7	418			1403	16.0	488			1448	14.4	439	
	2321	12.6	384			1837	3.0	91							2004	2.9	88			2027	0.3	9			2059	2.1	64		
8	533	4.1	125		23	106	13.3	405		8	59	14.0	427		23	226	13.7	418		8	233	16.6	506		23	309	14.9	454	
Tue	1145	13.9	424		Wed	702	3.7	113		Fri	714	2.9	88		Sat	828	3.3	101		Mon	852	0.1	3		Tue	922	1.8	55	
	1819	3.3	101			1321	14.2	433			1320	15.1	460			1436	14.1	430			1457	17.0	518			1525	15.0	457	
						1937	2.8	85			1952	1.4	43			2049	2.3	70			2118	-0.8	-24			2136	1.5	46	
9	26	13.2	402		24	201	13.6	415		9	157	15.1	460		24	306	14.3	436		9	325	17.7	540		24	343	15.5	472	
Wed	636	3.7	113		Thu	800	3.5	107		Sat	816	1.7	52		Sun	911	2.5	76		10	942	-1.1	-34		Wed	958	1.1	34	
	1245	14.5	442			1412	14.4	439			1418	16.1	491			1516	14.6	445			1549	17.8	543			1600	15.4	469	
	1920	2.4	73			2029	2.3	70			2048	0.1	3			2129	1.6	49			2205	-1.6	-49			2211	1.0	30	
10	124	14.1	430		25	248	14.0	427		10	252	16.3	497		25	343	14.8	451		11	414	18.4	561		25	416	15.9	485	
Thu	739	2.9	88		Fri	850	3.0	91		Sun	910	0.3	9		Mon	949	1.8	55		12	1028	-1.8	-55		Thu	1033	0.7	21	
	1341	15.4	469			1457	14.7	448			1512	17.0	518			1553	15.0	457			1639	18.1	552			1635	15.7	479	
	2017	1.3	40			2113	1.7	52			2138	-1.0	-30			2204	1.1	34			2250	-1.9	-58			2246	0.8	24	
11	218	15.1	460		26	331	14.4	439		11	344	17.4	530		26	417	15.3	466		13	503	18.6	567		26	450	16.1	491	
Fri	837	1.8	55		Sat	933	2.4	73		Mon	1000	-0.8	-24		Tue	1025	1.3	40		14	1113	-2.0	-61		Fri	1107	0.5	15	
	1434	16.2	494			1538	14.9	454			1605	17.7	540			1629	15.3	466			1728	18.0	549			1711	15.8	482	
	2109	0.1	3			2153	1.2	37			2225	-1.9	-58			2239	0.7	21			2334	-1.7	-52			2320	0.9	27	
12	311	16.1	491		27	411	14.8	451		12	436	18.1	552		27	451	15.6	475		15	551	18.4	561		27	524	16.1	491	
Sat	929	0.7	21		Sun	1012	1.9	58		Tue	1047	-1.5	-46		Wed	1059	1.0	30		16	1158	-1.5	-46		Sat	1142	0.6	18	
	1528	17.0	518			1618	15.1	460			1658	18.1	552			1704	15.4	469			1816	17.5	533			1746	15.7	479	
	2157	-0.9	-27			2229	0.9	27			2311	-2.2	-67			2312	0.7	21								2355	1.2	37	
13	403	17.0	518		28	448	15.1	460		13	526	18.5	564		28	524	15.7	479		17	19	-0.9	-27		28	558	16.0	488	
Sun	1017	-0.3	-9		Mon	1049	1.6	49		Wed	1134	-1.7	-52		Thu	1133	1.0	30		18	637	17.7	540		Sun	1218	0.9	27	
	1621	17.5	533			1656	15.2	463			1749	18.0	549			1739	15.4	469			1244	-0.6	-18			1823	15.4	469	
	2243	-1.6	-49			2304	0.7	21			2356	-1.9																	

Balboa, Pacific Ocean
Times and Heights of High and Low Waters - year 2014

October					November					December													
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	204	3.0	91	16	318	4.3	131	1	358	3.3	101	16	446	2.5	76	16	447	4.3	131				
Wed	803	14.5	442	Thu	927	13.0	396	Sat	1005	13.9	424	Sun	1050	12.2	372	Mon	1103	14.0	427	Tue	1051	11.9	363
	1438	2.8	85		1545	4.1	125		1631	2.9	88		1657	4.6	140		1713	2.6	79		1700	4.4	134
	2041	13.9	424		2210	12.8	390		2249	14.5	442		2326	12.9	393		2336	15.1	460		2318	12.9	393
2	305	3.6	110	17	422	4.9	149	2	507	3.1	94	17	540	4.6	140	2	552	2.3	70	17	545	4.0	122
Thu	903	13.9	424	Fri	1036	12.4	378	Sun	1124	14.1	430	Mon	1156	12.3	375	Tue	1214	14.3	436	Wed	1156	12.2	372
	1542	3.2	98		1647	4.5	137		1738	2.7	82		1756	4.6	140		1819	2.5	76		1800	4.4	134
	2149	13.6	415		2323	12.6	384																
3	413	3.8	116	18	526	4.9	149	3	0	15.1	460	18	22	13.3	405	3	39	15.5	472	18	16	13.3	405
Fri	1020	13.6	415	Sat	1149	12.4	378	Mon	615	2.4	73	Tue	637	4.1	125	Wed	656	1.8	55	Thu	643	3.5	107
	1652	3.2	98		1749	4.6	140		1234	14.7	448		1251	12.9	393		1316	14.8	451		1252	12.7	387
	2308	13.8	421						1844	2.2	67		1853	4.2	128		1921	2.2	67		1859	3.9	119
4	525	3.4	104	19	26	12.9	393	4	101	15.9	485	19	109	13.9	424	4	135	16.0	488	19	107	13.9	424
Sat	1141	14.0	427	Sun	628	4.6	140	Tue	718	1.5	46	Wed	730	3.3	101	Thu	755	1.1	34	Fri	738	2.6	79
	1802	2.8	85		1248	12.8	390		1333	15.5	472		1337	13.6	415		1410	15.3	466		1342	13.5	411
					1848	4.2	128		1944	1.5	46		1944	3.5	107		2018	1.7	52		1954	3.2	98
5	21	14.6	445	20	114	13.6	415	5	155	16.7	509	20	150	14.6	445	5	226	16.3	497	20	154	14.7	448
Sun	635	2.6	79	Mon	723	3.8	116	Wed	815	0.5	15	Thu	817	2.4	73	Fri	847	0.4	12	Sat	828	1.6	49
	1251	14.9	454		1335	13.5	411		1426	16.3	497		1418	14.3	436		1500	15.7	479		1428	14.4	439
	1907	1.9	58		1940	3.6	110		2037	0.7	21		2031	2.8	85		2108	1.2	37		2045	2.2	67
6	121	15.8	482	21	155	14.3	436	6	244	17.3	527	21	230	15.3	466	6	313	16.5	503	21	240	15.5	472
Mon	739	1.4	43	Tue	810	2.9	88	Thu	905	-0.3	-9	Fri	859	1.4	43	Sat	933	-0.1	-3	Sun	914	0.5	15
	1349	15.9	485		1415	14.2	433		1515	16.8	512		1458	15.1	460		1548	16.0	488		1514	15.3	466
	2006	0.8	24		2025	2.8	85		2125	0.2	6		2113	2.0	61		2153	0.9	27		2131	1.2	37
7	215	16.9	515	22	231	15.0	457	7	331	17.7	540	22	309	15.9	485	7	359	16.6	506	22	326	16.1	491
Tue	834	0.1	3	Wed	851	2.0	61	Fri	950	-0.9	-27	Sat	939	0.6	18	Sun	1015	-0.3	-9	Mon	958	-0.4	-12
	1442	16.9	515		1453	14.8	451		1603	17.1	521		1539	15.7	479		1633	16.1	491		1601	16.1	491
	2058	-0.2	-6		2105	2.1	64		2210	-0.1	-3		2154	1.3	40		2235	0.8	24		2216	0.4	12
8	304	17.7	540	23	306	15.6	475	8	418	17.7	540	23	350	16.4	500		444	16.4	500	23	414	16.7	509
Wed	923	-0.9	-27	Thu	929	1.2	37	Sat	1033	-1.0	-30	Sun	1019	-0.1	-3		1055	-0.3	-9	Tue	1040	-1.1	-34
	1531	17.5	533		1530	15.4	469		1649	17.0	518		1622	16.2	494		1717	16.0	488		1649	16.7	509
	2145	-0.9	-27		2143	1.5	46		2252	0.1	3		2234	0.9	27	8	2315	1.0	30	Mon	2300	-0.2	-6
9	352	18.3	558	24	342	16.1	491	9	503	17.4	530	24	432	16.7	509		526	16.0	488	24	503	16.9	515
Thu	1009	-1.6	-49	Fri	1006	0.6	18	Sun	1114	-0.7	-21	Mon	1058	-0.4	-12		1134	0.1	3	Wed	1123	-1.4	-43
	1620	17.8	543		1607	15.8	482		1734	16.7	509		1705	16.5	503		1758	15.8	482		1737	17.1	521
	2229	-1.2	-37		2219	1.1	34		2334	0.6	18		2315	0.7	21	9	2355	1.4	43	Tue	2345	-0.4	-12
10	440	18.4	561	25	418	16.4	500	10	547	16.8	512	25	517	16.8	512		607	15.5	472	25	553	17.0	518
Fri	1052	-1.7	-52	Sat	1042	0.2	6	Mon	1155	0.0	0	Tue	1139	-0.4	-12		1213	0.7	21	Thu	1208	-1.3	-40
	1708	17.7	540		1645	16.1	491		1818	16.2	494		1751	16.6	506		1837	15.4	469		1825	17.2	524
	2312	-0.9	-27		2256	1.0	30						2359	0.8	24	10	2355	1.4	43	Wed			
11	526	18.1	552	26	455	16.5	503	11	16	1.4	43	26	604	16.6	506		36	2.0	61	26	32	-0.2	-6
Sat	1135	-1.2	-37	Sun	1118	0.1	3	Tue	630	16.0	488	Wed	1223	-0.1	-3		647	14.9	454	Fri	643	16.7	509
	1754	17.2	524		1724	16.1	491		1237	0.9	27		1838	16.5	503		1253	1.4	43		1256	-0.8	-24
	2355	-0.2	-6		2333	1.1	34		1901	15.5	472					11	1916	14.9	454	Thu	1914	17.0	518
12	611	17.4	530	27	534	16.4	500	12	101	2.3	70	27	46	1.1	34		119	2.7	82	27	123	0.2	6
Sun	1218	-0.4	-12	Mon	1157	0.4	12	Wed	713	15.1	460	Thu	652	16.2	494		726	14.2	433	Sat	734	16.1	491
	1840	16.5	503		1805	16.0	488		1321	1.9	58		1311	0.5	15		1335	2.2	67		1347	0.0	0
									1944	14.7	448		1927	16.2	494		1954	14.3	436		2005	16.5	503
13	40	0.9	27	28	13	1.4	43	13	149	3.3	101	28	138	1.6	49		206	3.4	104	28	219	0.8	24
Mon	656	16.4	500	Tue	616	16.1	491	Thu	757	14.1	430	Fri	744	15.6	475		807	13.4	408	Sun	828	15.3	466
	1303	0.8	24		1238	0.8	24		1409	3.0	91		1405	1.2	37		1421	3.0	91		1444	0.8	24
	1925	15.5	472		1848	15.7	479		2029	13.9	424		2020	15.8	482	13	2035	13.7	418	Sat	2059	15.8	482
14	127	2.2	67	29	58	2.0	61	14	242	4.1	125	29	237	2.1	64		256	3.9	119	29	319	1.4	43
Tue	741	15.2	463	Wed	701	15.6	475	Fri	845	13.2	402	Sat	842	14.9	454		852	12.7	387	Mon	928	14.4	439
	1352	2.1	64		1326	1.5	46		1502	3.8	116		1505	1.9	58		151						