

## Balboa, Pacific Ocean

### Times and Heights of High and Low Waters - year 2010

January				February				March															
Hour	Height			Hour	Height			Hour	Height			Hour	Height										
<b>1</b> Fri	h	m	ft	<b>16</b> Sat	h	m	ft	<b>1</b> Mon	h	m	ft	<b>16</b> Tue	h	m	ft	<b>1</b> Mon	h	m	ft				
	0337	16.5	503		0430	14.4	439		0508	17.3	527		0517	14.4	439		0400	16.7	509				
	1004	-1.1	-34		1040	0.4	12		1118	-2.7	-82		1123	0.0	0		1014	-2.3	-70	1024	0.2	6	
	1614	16.4	500		1700	14.7	448		1737	17.7	540		1737	15.1	460		1627	17.4	530	1631	15.0	457	
2227	-0.2	-6	2257	1.4	43	2344	-2.2	-67	2342	0.3	9	2240	-2.5	-76	2243	0.0	0						
<b>2</b> Sat	0430	17.0	518	<b>17</b> Sun	0507	14.5	442	<b>2</b> Tue	0557	17.3	527	<b>17</b> Wed	0549	14.4	439	<b>2</b> Tue	0450	17.2	524	<b>17</b> Wed	0449	14.5	442
	1050	-1.7	-52		1114	0.3	9		1202	-2.4	-73		1156	0.2	6		1058	-2.7	-82		1056	0.1	3
	1705	17.0	518		1734	14.9	454		1824	17.7	540		1807	15.1	460		1714	17.7	540		1703	15.3	466
	2314	-0.8	-24		2332	1.2	37										2324	-2.7	-82		2316	-0.3	-9
<b>3</b> Sun	0522	17.2	524	<b>18</b> Mon	0542	14.5	442	<b>3</b> Wed	0630	-1.9	-58	<b>18</b> Thu	0016	0.4	12	<b>3</b> Wed	0537	17.1	521	<b>18</b> Thu	0522	14.6	445
	1135	-1.9	-58		1148	0.4	12		0645	16.8	512		0621	14.2	433		1141	-2.4	-73		1129	0.2	6
	1755	17.4	530		1807	15.0	457		1248	-1.7	-52		1229	0.7	21		1759	17.6	536		1735	15.3	466
									1909	17.2	524		1837	14.9	454						2349	-0.2	-6
<b>4</b> Mon	0001	-0.9	-27	<b>19</b> Tue	0008	1.3	40	<b>4</b> Thu	0118	-1.1	-34	<b>19</b> Fri	0051	0.8	24	<b>4</b> Thu	0008	-2.4	-73	<b>19</b> Fri	0555	14.5	442
	0613	17.2	524		0616	14.3	436		0732	15.9	485		0653	13.8	421		0624	16.7	509		1203	0.5	15
	1222	-1.6	-49		1223	0.8	24		1336	-0.5	-15		1303	1.3	40		1224	-1.6	-49		1808	15.2	463
	1844	17.4	530		1839	14.9	454		1955	16.2	494		1909	14.5	442		1844	17.0	518				
<b>5</b> Tue	0051	-0.6	-18	<b>20</b> Wed	0044	1.5	46	<b>5</b> Fri	0210	0.0	0	<b>20</b> Sat	0129	1.3	40	<b>5</b> Fri	0053	-1.5	-46	<b>20</b> Sat	0024	0.1	3
	0704	16.7	509		0648	13.9	424		0821	14.7	448		0727	13.3	405		0709	15.7	479		0629	14.2	433
	1310	-0.9	-27		1258	1.3	40		1427	0.8	24		1342	2.0	61		1309	-0.4	-12		1238	1.1	34
	1932	17.0	518		1910	14.6	445		2044	15.0	457		1944	14.0	427		1928	15.9	485		1842	14.9	454
<b>6</b> Wed	0143	0.0	0	<b>21</b> Thu	0122	1.9	58	<b>6</b> Sat	0304	1.1	34	<b>21</b> Sun	0212	1.9	58	<b>6</b> Sat	0140	-0.3	-9	<b>21</b> Sun	0103	0.7	21
	0754	15.9	485		0721	13.5	411		0915	13.4	408		0806	12.7	387		0755	14.5	442		0706	13.8	421
	1402	0.1	3		1335	2.0	61		1522	2.2	67		1427	2.7	82		1357	1.0	30		1319	1.8	55
	2022	16.3	497		1942	14.2	433		2138	13.7	418		2026	13.4	408		2013	14.6	445		1921	14.3	436
<b>7</b> Thu	0238	0.8	24	<b>22</b> Fri	0202	2.4	73	<b>7</b> Sun	0404	2.2	67	<b>22</b> Mon	0303	2.4	73	<b>7</b> Sun	0232	1.1	34	<b>22</b> Mon	0147	1.4	43
	0847	14.8	451		0756	13.0	396		1019	12.2	372		0857	12.1	369		0845	13.2	402		0748	13.2	402
	1457	1.2	37		1415	2.7	82		1623	3.4	104		1523	3.4	104		1451	2.4	73		1407	2.5	76
	2115	15.3	466		2018	13.8	421		2245	12.6	384		2122	12.8	390		2103	13.2	402		2006	13.7	418
<b>8</b> Fri	0337	1.6	49	<b>23</b> Sat	0248	2.8	85	<b>8</b> Mon	0508	2.9	88	<b>23</b> Tue	0405	2.8	85	<b>8</b> Mon	0329	2.3	70	<b>23</b> Tue	0240	2.0	61
	0947	13.7	418		0837	12.4	378		1137	11.6	354		1006	11.7	357		0944	12.0	366		0840	12.7	387
	1555	2.3	70		1501	3.3	101		1731	4.1	125		1632	3.7	113		1551	3.6	110		1506	3.2	98
	2216	14.4	439		2101	13.3	405						2238	12.5	381		2207	12.0	366		2104	13.0	396
<b>9</b> Sat	0438	2.2	67	<b>24</b> Sun	0340	3.1	94	<b>9</b> Tue	0002	12.1	369	<b>24</b> Wed	0516	2.8	85	<b>9</b> Tue	0432	3.2	98	<b>24</b> Wed	0343	2.5	76
	1056	12.9	393		0931	11.8	360		0618	3.2	98		1133	11.8	360		1100	11.3	344		0950	12.2	372
	1656	3.2	98		1556	3.8	116		1252	11.6	354		1750	3.5	107		1659	4.4	134		1617	3.4	104
	2323	13.7	418		2159	12.9	393		1843	4.2	128						2327	11.3	344		2221	12.5	381
<b>10</b> Sun	0543	2.7	82	<b>25</b> Mon	0440	3.2	98	<b>10</b> Wed	0110	12.1	369	<b>25</b> Thu	0002	12.8	390	<b>10</b> Wed	0541	3.6	110	<b>25</b> Thu	0454	2.6	79
	1208	12.5	381		1042	11.6	354		0725	3.0	91		0631	2.2	67		1220	11.3	344		1114	12.4	378
	1802	3.7	113		1702	4.0	122		1352	12.1	369		1250	12.7	387		1812	4.5	137		1733	3.2	98
					2311	12.8	390		1949	3.8	116		1906	2.6	79						2346	12.8	390
<b>11</b> Mon	0031	13.4	408	<b>26</b> Tue	0548	3.0	91	<b>11</b> Thu	0206	12.5	381	<b>26</b> Fri	0114	13.7	418	<b>11</b> Thu	0043	11.4	347	<b>26</b> Fri	0607	2.2	67
	0649	2.7	82		1202	11.9	363		0820	2.4	73		0739	1.1	34		0650	3.5	107		1231	13.3	405
	1314	12.6	384		1815	3.8	116		1441	12.7	387		1353	14.0	427		1323	11.8	360		1846	2.3	70
	1909	3.8	116						2042	3.1	94		2011	1.2	37		1920	4.0	122				
<b>12</b> Tue	0130	13.4	408	<b>27</b> Wed	0025	13.3	405	<b>12</b> Fri	0252	13.0	396	<b>27</b> Sat	0214	14.8	451	<b>12</b> Fri	0141	11.9	363	<b>27</b> Sat	0058	13.7	418
	0750	2.4	73		0658	2.3	70		0905	1.6	49		0837	-0.2	-6		0748	2.9	88		0715	1.3	40
	1411	13.0	396		1311	12.8	390		1522	13.4	408		1447	15.4	469		1410	12.5	381		1332	14.5	442
	2010	3.5	107		1927	2.9	88		2124	2.2	67		2106	-0.4	-12		2015	3.2	98		1951	1.0	30
<b>13</b> Wed	0222	13.6	415	<b>28</b> Thu	0130	14.1	430	<b>13</b> Sat	0332	13.5	411	<b>28</b> Sun	0308	15.9	485	<b>13</b> Sat	0226	12.5	381	<b>28</b> Sun	0157	14.8	451
	0842	1.9	58		0802	1.1	34		0943	0.9	27		0928	-1.5	-46		0835	2.1	64		0814	0.2	6
	1459	13.4	408		1411	14.0	427		1558	14.0	427		1538	16.6	506		1449	13.3	405		1425	15.7	479
	2100	2.9	88		2030	1.6	49		2201	1.4	43		2154	-1.7	-52		2058	2.2	67		2046	-0.4	-12
<b>14</b> Thu	0308	13.9	424	<b>29</b> Fri	0228	15.1	460	<b>14</b> Sun	0409	13.9	424	<b>29</b> Mon	0305	13.2	402	<b>14</b> Sun	0250	15.8	482				
	0926	1.3	40		0858	-0.2	-6		1018	0.3	9		0915	1.4	43		0906	-0.8	-24				
	1543	13.9	424		1506	15.3	466		1633	14.5	442		1525	14.0	427		1515	16.7	509				
	2143	2.3	70		2123	0.2	6		2236	0.8	24		2135	1.2	37		2134	-1.6	-49				
<b>15</b> Fri	0350	14.1	430	<b>30</b> Sat	0323	16.1	491	<b>15</b> Mon	0444	14.3	436	<b>30</b> Tue	0341	13.8	421	<b>15</b> Mon	0341	16.5	503				
	1004	0.8	24		0947	-1.5	-46		1051	0.0	0		0950	0.7	21		0952	-1.6	-49				
	1623	14.3	436		1558	16.4	500		1705	14.9	454		1558	14.6	445		1602	17.3	527				
	2221	1.8	55		2212	-1.1	-34		2309	0.4	12		2209	0.5	15		2219	-2.3	-70				
			<b>31</b> Sun	0416	16.9	515							<b>31</b> Wed	0429	16.8	512							
				1033	-2.3	-70								1036	-1.8	-55							
				1648	17.3	527								1649	17.5	533							
				2258	-1.9	-58								2302	-2.4	-73							

## Balboa, Pacific Ocean

### Times and Heights of High and Low Waters - year 2010

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														
<b>1</b> Thu	0516	16.8	512		<b>16</b> Fri	0454	14.9	454		<b>1</b> Sat	0542	15.9	485		<b>16</b> Sun	0514	15.4	469		<b>1</b> Tue	0024	1.0	30		<b>16</b> Wed	0015	-0.5	-15					
	1118	-1.6	-49			1104	0.6	18			1139	0.4	12			1123	1.1	34			0650	14.9	454			0636	16.6	506					
	1734	17.2	524			1705	15.7	479			1754	16.0	488			1725	16.1	491			1244	2.6	79			1242	0.8	24		1852	16.4	500	
	2344	-2.0	-61			2325	-0.3	-9								2346	-0.2	-6			1857	14.4	439										
<b>2</b> Fri	0602	16.3	497		<b>17</b> Sat	0532	14.9	454		<b>2</b> Sun	0004	-0.3	-9		<b>17</b> Mon	0559	15.5	472		<b>2</b> Wed	0106	1.8	55		<b>17</b> Thu	0104	-0.1	-3					
	1200	-0.8	-24			1141	0.8	24			0627	15.3	466			1206	1.2	37			0730	14.5	442			0725	16.6	506					
	1818	16.5	503			1743	15.6	475			1221	1.3	40			1812	15.9	485			1329	3.2	98			1335	1.1	34		1938	13.7	418	
<b>3</b> Sat	0027	-1.1	-34		<b>18</b> Sun	0003	-0.1	-3		<b>3</b> Mon	0047	0.6	18		<b>18</b> Tue	0030	0.1	3		<b>3</b> Thu	0150	2.5	76		<b>18</b> Fri	0156	0.6	18					
	0647	15.5	472			0612	14.8	451			0711	14.6	445			0646	15.5	472			0810	14.0	427			0815	16.3	497					
	1244	0.3	9			1220	1.2	37			1306	2.3	70			1254	1.6	49			1418	3.8	116			1431	1.5	46					
	1901	15.5	472			1824	15.3	466			1920	14.3	436			1901	15.5	472			2020	13.1	399			2038	15.3	466					
<b>4</b> Sun	0112	0.1	3		<b>19</b> Mon	0044	0.4	12		<b>4</b> Tue	0133	1.7	52		<b>19</b> Wed	0118	0.6	18		<b>4</b> Fri	0238	3.3	101		<b>19</b> Sat	0252	1.3	40					
	0732	14.5	442			0654	14.5	442			0755	13.9	424			0735	15.3	466			0853	13.6	415			0910	15.8	482					
	1330	1.6	49			1304	1.8	55			1356	3.2	98			1348	2.0	61			1509	4.2	128			1531	1.9	58					
	1945	14.3	436			1908	14.8	451			2005	13.3	405			1953	15.0	457			2107	12.4	378			2138	14.6	445					
<b>5</b> Mon	0201	1.4	43		<b>20</b> Tue	0131	1.1	34		<b>5</b> Wed	0223	2.7	82		<b>20</b> Thu	0213	1.3	40		<b>5</b> Sat	0328	3.9	119		<b>20</b> Sun	0350	2.0	61					
	0819	13.4	408			0741	14.1	430			0842	13.2	402			0829	15.0	457			0942	13.2	402			1010	15.3	466					
	1422	2.9	88			1357	2.4	73			1451	4.0	122			1448	2.3	70			1603	4.4	134			1633	2.2	67					
	2032	13.0	396			1958	14.2	433			2054	12.4	378			2051	14.4	439			2202	12.0	366			2245	14.0	427					
<b>6</b> Tue	0255	2.6	79		<b>21</b> Wed	0225	1.7	52		<b>6</b> Thu	0317	3.5	107		<b>21</b> Fri	0312	1.8	55		<b>6</b> Sun	0420	4.3	131		<b>21</b> Mon	0451	2.6	79					
	0912	12.4	378			0835	13.7	418			0936	12.6	384			0929	14.7	448			1036	13.1	399			1116	15.0	457					
	1521	3.9	119			1458	2.9	88			1549	4.5	137			1552	2.5	76			1658	4.4	134			1736	2.3	70					
	2129	11.9	363			2057	13.5	411			2154	11.7	357			2157	13.9	424			2305	11.9	363			2354	13.8	421					
<b>7</b> Wed	0355	3.5	107		<b>22</b> Thu	0328	2.2	67		<b>7</b> Fri	0414	4.0	122		<b>22</b> Sat	0414	2.2	67		<b>7</b> Mon	0514	4.5	137		<b>22</b> Tue	0554	3.0	91					
	1019	11.7	357			0941	13.4	408			1038	12.3	375			1036	14.6	445			1132	13.2	402			1219	14.9	454					
	1626	4.5	137			1606	3.1	94			1650	4.6	140			1656	2.4	73			1754	4.1	125			1839	2.3	70					
	2243	11.3	344			2211	13.1	399			2304	11.5	351			2309	13.8	421															
<b>8</b> Thu	0459	3.9	119		<b>23</b> Fri	0435	2.5	76		<b>8</b> Sat	0512	4.2	128		<b>23</b> Sun	0518	2.4	73		<b>8</b> Tue	0006	12.1	369		<b>23</b> Wed	0058	13.9	424					
	1134	11.6	354			1057	13.5	411			1140	12.5	381			1143	14.9	454			0611	4.4	134			0658	3.1	94					
	1734	4.6	140			1716	2.8	85			1750	4.4	134			1801	2.1	64			1225	13.6	415			1318	15.0	457					
						2330	13.3	405													1850	3.6	110			1940	2.0	61					
<b>9</b> Fri	0001	11.2	341		<b>24</b> Sat	0543	2.3	70		<b>9</b> Sun	0009	11.7	357		<b>24</b> Mon	0017	14.1	430		<b>9</b> Wed	0100	12.7	387		<b>24</b> Thu	0156	14.2	433					
	0604	4.0	122			1208	14.2	433			0610	4.2	128			0621	2.4	73			0708	4.1	125			0758	3.0	91					
	1238	12.0	366			1825	2.1	64			1233	13.0	396			1244	15.3	466			1313	14.2	433			1411	15.2	463					
	1839	4.2	128								1846	3.8	116			1904	1.6	49			1944	2.8	85			2035	1.5	46					
<b>10</b> Sat	0102	11.7	357		<b>25</b> Sun	0039	13.9	424		<b>10</b> Mon	0101	12.3	375		<b>25</b> Tue	0118	14.5	442		<b>10</b> Thu	0148	13.3	405		<b>25</b> Fri	0248	14.5	442					
	0704	3.6	110			0649	1.8	55			0705	3.8	116			0722	2.1	64			0802	3.5	107			0852	2.6	79					
	1327	12.7	387			1309	15.0	457			1318	13.6	415			1338	15.7	479			1359	14.8	451			1500	15.3	466					
	1935	3.5	107			1928	1.1	34			1938	3.1	94			2001	1.0	30			2033	1.9	58			2123	1.1	34					
<b>11</b> Sun	0149	12.4	378		<b>26</b> Mon	0138	14.8	451		<b>11</b> Tue	0146	12.9	393		<b>26</b> Wed	0212	15.0	457		<b>11</b> Fri	0234	14.1	430		<b>26</b> Sat	0337	14.8	451					
	0755	2.9	88			0749	1.1	34			0755	3.2	98			0819	1.7	52			0852	2.7	82			0939	2.3	70					
	1407	13.4	408			1402	15.9	485			1358	14.3	436			1428	16.1	491			1444	15.4	469			1547	15.3	466					
	2022	2.5	76			2024	0.1	3			2024	2.2	67			2053	0.4	12			2119	1.0	30			2205	0.8	24					
<b>12</b> Mon	0229	13.1	399		<b>27</b> Tue	0231	15.5	472		<b>12</b> Wed	0227	13.6	415		<b>27</b> Thu	0302	15.3	466		<b>12</b> Sat	0321	14.8	451		<b>27</b> Sun	0423	15.0	457					
	0838	2.2	67			0842	0.3	9			0840	2.6	79			0909	1.4	43			0938	1.9	58			1022	2.0	61					
	1443	14.1	430			1451	16.6	506			1437	14.9	454			1516	16.2	494			1531	16.0	488			1632	15.3	466					
	2102	1.6	49			2113	-0.8	-24			2106	1.3	40			2139	0.0	0			2203	0.2	6			2245	0.6	18					
<b>13</b> Tue	0305	13.7	418		<b>28</b> Wed	0320	16.0	488		<b>13</b> Thu	0306	14.2	433		<b>28</b> Fri	0351	15.5	472		<b>13</b> Sun	0409	15.5	472		<b>28</b> Mon	0507	15.2	463					
	0917	1.5	46			0930	-0.2	-6			0922	2.0	61			0955	1.2	37			1023	1.3	40			1102	2.0	61					
	1518	14.8	451			1538	16.9	515			1516	15.4	469			1603	16.1	491			1620	16.4	500			1715	15.2	463					
	2139	0.7	21			2158	-1.3	-40			2146	0.5	15			2222	-0.2	-6			2246	-0.4	-12			2323	0.7	21					
<b>14</b> Wed	0341	14.2	433		<b>29</b> Thu	0																											

## Balboa, Pacific Ocean

### Times and Heights of High and Low Waters - year 2010

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 Thu	0038	1.5	46		16 Fri	0045	-0.9	-27	1 Sun	0121	2.4	73	16 Mon	0201	0.9	27	1 Wed	0207	3.7	113	16 Thu	0332	4.0	122				
	0701	15.0	457			0706	17.5	533			0730	14.7		448		0819		16.2	494			0806	14.0	427		0949	13.3	405
	1300	2.7	82			1315	0.0	0			1346	2.9		88		1437		1.3	40			1441	3.5	107		1612	3.7	113
	1909	14.2	433			1927	16.7	509			1943	13.6		415		2049		14.7	448			2034	12.8	390		2238	12.6	384
2 Fri	0117	2.1	64		17 Sat	0135	-0.1	-3	2 Mon	0200	3.1	94	17 Tue	0257	2.3	70	2 Thu	0301	4.4	134	17 Fri	0441	4.7	143				
	0736	14.7	448			0755	17.0	518			0804	14.3		436		0913		15.0	457			0857	13.4	408		1109	12.6	384
	1342	3.1	94			1409	0.6	18			1430	3.4		104		1537		2.4	73			1540	3.9	119		1721	4.2	128
	1945	13.7	418			2018	15.8	482			2022	13.0		396		2151		13.6	415			2137	12.3	375		2358	12.5	381
3 Sat	0158	2.8	85		18 Sun	0228	0.9	27	3 Tue	0244	3.8	116	18 Wed	0358	3.4	104	3 Fri	0407	4.7	143	18 Sat	0553	4.9	149				
	0811	14.3	436			0846	16.3	497			0844	13.8		421		1019		13.9	424			1008	13.0	396		1226	12.6	384
	1427	3.6	110			1506	1.4	43			1520	3.8		116		1642		3.2	98			1648	4.0	122		1829	4.1	125
	2023	13.1	399			2114	14.8	451			2109	12.4		378		2306		12.8	390			2301	12.3	375				
4 Sun	0242	3.5	107		19 Mon	0324	2.0	61	4 Wed	0336	4.4	134	19 Thu	0505	4.3	131	4 Sat	0521	4.6	140	19 Sun	0103	13.0	396				
	0850	13.9	424			0942	15.3	466			0936	13.3		405		1135		13.2	402			1132	13.2	402		0700	4.5	137
	1515	3.9	119			1606	2.1	64			1617	4.1		125		1751		3.6	110			1801	3.5	107		1325	13.0	396
	2107	12.5	381			2218	13.8	421			2213	12.0		366												1928	3.7	113
5 Mon	0330	4.1	125		20 Tue	0424	2.9	88	5 Thu	0437	4.8	146	20 Fri	0024	12.7	387	5 Sun	0020	13.1	399	20 Mon	0152	13.6	415				
	0935	13.5	411			1047	14.6	445			1043	13.1		399		0617		4.5	137			0635	3.8	116		0755	3.8	116
	1607	4.1	125			1709	2.7	82			1721	4.0		122		1247		13.2	402			1245	14.0	427		1410	13.6	415
	2201	12.1	369			2330	13.3	405			2332	12.1		369		1859		3.5	107			1909	2.6	79		2017	3.0	91
6 Tue	0421	4.5	137		21 Wed	0529	3.7	113	6 Fri	0546	4.7	143	21 Sat	0128	13.0	396	6 Mon	0123	14.4	439	21 Tue	0231	14.3	436				
	1030	13.3	405			1157	14.1	430			1157	13.4		408		0725		4.3	131			0741	2.5	76		0839	2.9	88
	1702	4.1	125			1815	3.0	91			1830	3.5		107		1346		13.5	411			1345	15.2	463		1449	14.2	433
	2307	12.0	366													1958		3.1	94			2008	1.2	37		2057	2.3	70
7 Wed	0519	4.7	143		22 Thu	0041	13.2	402	7 Sat	0044	12.9	393	22 Sun	0219	13.6	415	7 Tue	0217	15.8	482	22 Wed	0306	14.9	454				
	1131	13.4	408			0636	4.0	122			0658	4.0		122		0821		3.6	110			0837	1.0	30		0917	2.1	64
	1802	3.9	119			1302	14.1	430			1303	14.2		433		1434		13.9	424			1439	16.4	500		1524	14.7	448
						1921	2.8	85			1935	2.5		76		2046		2.4	73			2100	-0.1	-3		2133	1.7	52
8 Thu	0013	12.3	375		23 Fri	0143	13.4	408	8 Sun	0144	14.0	427	23 Mon	0302	14.2	433	8 Wed	0307	17.0	518	23 Thu	0339	15.4	469				
	0622	4.5	137			0742	3.8	116			0802	2.8		85		0905		2.9	88			0927	-0.5	-15		0952	1.4	43
	1232	13.8	421			1358	14.2	433			1402	15.2		463		1515		14.4	439			1529	17.4	530		1557	15.1	460
	1904	3.2	98			2018	2.4	73			2032	1.2		37		2126		1.8	55			2147	-1.1	-34		2207	1.3	40
9 Fri	0113	13.0	396		24 Sat	0236	13.9	424	9 Mon	0238	15.2	463	24 Tue	0339	14.8	451	9 Thu	0355	18.0	549	24 Fri	0411	15.8	482				
	0727	3.9	119			0838	3.3	101			0858	1.4		43		0944		2.1	64			1013	-1.5	-46		1025	0.9	27
	1327	14.5	442			1448	14.5	442			1456	16.2		494		1552		14.8	451			1619	18.0	549		1631	15.3	466
	2003	2.3	70			2106	1.9	58			2122	-0.1		-3		2201		1.2	37			2232	-1.7	-52		2239	1.1	34
10 Sat	0206	13.9	424		25 Sun	0323	14.3	436	10 Tue	0329	16.4	500	25 Wed	0414	15.3	466	10 Fri	0443	18.5	564	25 Sat	0443	15.9	485				
	0825	3.0	91			0924	2.8	85			0947	0.1		3		1019		1.5	46			1057	-2.0	-61		1058	0.7	21
	1420	15.3	466			1533	14.7	448			1548	17.1		521		1627		15.0	457			1708	18.1	552		1703	15.3	466
	2055	1.2	37			2148	1.3	40			2209	-1.1		-34		2235		0.9	27			2315	-1.7	-52		2312	1.3	40
11 Sun	0258	14.9	454		26 Mon	0405	14.8	451	11 Wed	0419	17.4	530	26 Thu	0447	15.6	475	11 Sat	0530	18.5	564	26 Sun	0515	15.9	485				
	0917	1.9	58			1005	2.2	67			1033	-0.9		-27		1052		1.2	37			1142	-1.8	-55		1131	0.8	24
	1512	16.1	491			1615	14.9	454			1639	17.7		540		1701		15.2	463			1756	17.8	543		1736	15.2	463
	2143	0.1	3			2225	1.0	30			2253	-1.7		-52		2307		0.8	24			2359	-1.1	-34		2345	1.6	49
12 Mon	0349	15.9	485		27 Tue	0444	15.1	460	12 Thu	0508	18.1	552	27 Fri	0519	15.7	479	12 Sun	0617	18.1	552	27 Mon	0548	15.7	479				
	1005	0.8	24			1042	1.8	55			1118	-1.4		-43		1126		1.1	34			1227	-1.1	-34		1205	1.2	37
	1604	16.7	509			1653	15.0	457			1729	17.9		546		1734		15.1	460			1844	17.1	521		1810	14.9	454
	2228	-0.8	-24			2300	0.8	24			2338	-1.8		-55		2340		1.1	34									
13 Tue	0440	16.7	509		28 Wed	0520	15.4	469	13 Fri	0556	18.3	558	28 Sat	0551	15.7	479	13 Mon	0045	-0.1	-3	28 Tue	0020	2.2	67				
	1051	0.0	0			1118	1.6	49			1204	-1.4		-43		1159		1.3	40			0704	17.1	521		0622	15.3	466
	1656	17.2	524			1730	15.0	457			1818	17.7		540		1805		14.9	454			1316	0.1	3		1242	1.8	55
	2313	-1.2	-37			2335	0.9	27														1932	16.0	488		1846	14.4	439
14 Wed	0530	17.3	527		29 Thu	0554	15.5	472	14 Sat	0023	-1.3	-40	29 Sun	0013	1.5	46	14 Tue	0135	1.3	40	29 Wed	0058	2.9	88				
	1138	-0.4	-12			1153	1.7	52			0643	18.0		549		0621		15.4	469			0752	15.9	485		0659	14.8	451
	1747	17.4	530			1804	14.9	454			1252	-0.8		-24		1233		1.7	52			1408	1.4	43		1323	2.5	76
	2358	-1.3	-40								1906	17.0		518		1837		14.5	442			2024	14.7	448		1926	13.9	424
15 Thu	0618	17.6	536		30 Fri</																							

## Balboa, Pacific Ocean

### Times and Heights of High and Low Waters - year 2010

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 Fri	0240	4.3	131		16 Sat	0411	4.9	149		1 Mon	0443	3.7	113		16 Tue	0533	4.7	143		1 Wed	0525	2.5	76		16 Thu	0535	4.3	131						
	0836	13.6	415			1031	12.4	378			1052	13.6	415			1156	12.2	372			1141	14.0	427			1151	11.8	360						
	1514	3.7	113			1643	4.5	137			1709	3.2	98			1753	4.7	143			1746	2.8	85			1752	4.7	143						
	2117	12.9	393			2317	12.7	387			2331	14.5	442																					
2 Sat	0349	4.5	137		17 Sun	0518	5.1	155		2 Tue	0551	3.0	91		17 Wed	0019	13.3	405		2 Thu	0009	15.2	463		17 Fri	0009	13.1	399		17 Sat	0632	3.9	119	
	0948	13.1	399			1148	12.3	375			1206	14.2	433			0630	2.0	61			0630	2.0	61			1249	12.2	372						
	1623	3.8	116			1747	4.6	140			1815	2.7	82			1251	12.6	384			1246	14.5	442			1851	4.5	137						
	2238	13.0	396													1848	4.4	134			1850	2.5	76											
3 Sun	0502	4.3	131		18 Mon	0022	13.0	396		3 Wed	0036	15.4	469		18 Thu	0105	13.8	421		3 Fri	0108	15.7	479		18 Sat	0100	13.5	411		18 Sun	0728	3.2	98	
	1113	13.3	405			0622	4.7	143			0655	2.0	61			0722	3.6	110			0731	1.3	40			0728	3.2	98						
	1735	3.5	107			1249	12.6	384			1307	15.1	460			1336	13.2	402			1343	15.1	460			1338	12.8	390						
	2357	13.8	421			1846	4.3	131			1917	2.0	61			1939	3.9	119			1950	2.0	61			1947	4.0	122						
4 Mon	0614	3.4	104		19 Tue	0112	13.6	415		4 Thu	0131	16.3	497		19 Fri	0146	14.4	439		4 Sat	0201	16.2	494		19 Sun	0147	14.1	430		19 Mon	0819	2.3	70	
	1227	14.1	430			0718	4.1	125			0753	0.9	27			0809	2.8	85			0827	0.6	18			1424	13.5	411						
	1843	2.6	79			1336	13.2	402			1401	16.0	488			1416	13.8	421			1436	15.6	475			2038	3.2	98						
						1937	3.8	116			2013	1.1	34			2025	3.3	101			2045	1.5	46											
5 Tue	0101	15.0	457		20 Wed	0152	14.2	433		5 Fri	0221	17.1	521		20 Sat	0224	14.9	454		5 Sun	0252	16.5	503		20 Mon	0231	14.7	448		20 Tue	0905	1.4	43	
	0719	2.2	67			0805	3.2	98			0845	-0.1	-3			0851	2.0	61			0916	0.0	0			0905	1.4	43						
	1327	15.3	466			1416	13.8	421			1452	16.7	509			1454	14.3	436			1527	16.0	488			1508	14.3	436						
	1943	1.5	46			2021	3.1	94			2103	0.4	12			2107	2.7	82			2134	1.1	34			2124	2.4	73						
6 Wed	0154	16.3	497		21 Thu	0228	14.8	451		6 Sat	0309	17.6	536		21 Sun	0301	15.4	469		6 Mon	0341	16.6	506		21 Tue	0316	15.3	466		21 Wed	0947	0.5	15	
	0816	0.7	21			0845	2.3	70			0933	-0.9	-27			0930	1.2	37			1002	-0.4	-12			1553	15.0	457						
	1420	16.4	500			1451	14.4	439			1541	17.1	521			1533	14.8	451			1616	16.1	491			2207	1.6	49						
	2037	0.4	12			2101	2.5	76			2150	0.0	0			2147	2.2	67			2219	0.9	27											
7 Thu	0243	17.4	530		22 Fri	0302	15.4	469		7 Sun	0357	17.8	543		22 Mon	0340	15.8	482		7 Tue	0429	16.5	503		22 Wed	0402	15.8	482		22 Thu	1028	-0.1	-3	
	0906	-0.6	-18			0922	1.6	49			1017	-1.2	-37			1009	0.7	21			1044	-0.4	-12			1638	15.6	475						
	1510	17.3	527			1526	14.9	454			1629	17.2	524			1613	15.2	463			1704	16.2	494			2249	0.9	27						
	2125	-0.6	-18			2137	2.0	61			2235	0.0	0			2226	1.8	55			2302	1.0	30											
8 Fri	0331	18.1	552		23 Sat	0335	15.8	482		8 Mon	0444	17.6	536		23 Tue	0420	16.0	488		8 Wed	0515	16.1	491		23 Thu	0449	16.1	491		23 Fri	1109	-0.5	-15	
	0952	-1.5	-46			0957	1.0	30			1101	-1.0	-30			1046	0.4	12			1126	-0.1	-3			1723	16.1	491						
	1559	17.8	543			1601	15.2	463			1718	16.9	515			1654	15.5	472			1749	16.0	488			2332	0.6	18						
	2210	-1.0	-30			2212	1.7	52			2318	0.5	15			2305	1.7	52			2345	1.4	43											
9 Sat	0418	18.4	561		24 Sun	0409	16.0	488		9 Tue	0532	17.0	518		24 Wed	0503	16.0	488		9 Thu	0600	15.6	475		24 Fri	0537	16.3	497		24 Sat	1152	-0.6	-18	
	1036	-1.8	-55			1032	0.7	21			1144	-0.4	-12			1125	0.3	9			1206	0.5	15			1809	16.4	500						
	1647	17.9	546			1636	15.4	469			1805	16.4	500			1737	15.6	475			1832	15.6	475											
	2254	-1.0	-30			2247	1.6	49								2345	1.7	52																
10 Sun	0506	18.3	558		25 Mon	0445	16.1	491		10 Wed	0002	1.2	37		25 Thu	0547	15.9	485		10 Fri	0027	1.9	58		25 Sat	0017	0.5	15		25 Sun	0624	16.2	494	
	1120	-1.6	-49			1107	0.6	18			0618	16.2	494			1206	0.6	18			0642	15.0	457			1236	-0.4	-12						
	1735	17.5	533			1712	15.4	469			1227	0.6	18			1821	15.7	479			1248	1.2	37			1855	16.5	503						
	2337	-0.4	-12			2322	1.8	55			1852	15.8	482								1913	15.1	460											
11 Mon	0553	17.7	540		26 Tue	0521	15.9	485		11 Thu	0048	2.2	67		26 Fri	0029	1.9	58		11 Sat	0112	2.6	79		26 Sun	0105	0.6	18		26 Mon	0713	15.9	485	
	1204	-0.8	-24			1143	0.9	27			0704	15.2	463			0634	15.6	475			0724	14.2	433			1324	0.2	6						
	1823	16.8	512			1750	15.2	463			1314	1.7	52			1251	1.0	30			1332	2.1	64			1942	16.2	494						
											1938	15.0	457			1907	15.5	472			1954	14.6	445											
12 Tue	0022	0.6	18		27 Wed	0000	2.2	67		12 Fri	0138	3.2	98		27 Sat	0119	2.3	70		12 Sun	0159	3.3	101		27 Mon	0157	1.0	30		27 Tue	0803	15.3	466	
	0639	16.7	509			0600	15.6	475			0751	14.2	433			0723	15.2	463			0805	13.4	408			1416	0.9	27						
	1250	0.3	9			1221	1.3	40			1404	2.8	85			1341	1.6	49			1418	3.0	91			2032	15.8	482						
	1911	15.9	485			1830	15.0	457			2026	14.1	430			1956	15.3	466			2035	13.9	424											
13 Wed	0110	1.9	58		28 Thu	0041	2.7	82		13 Sat	0233	4.1	125		28 Sun	0215	2.6	79		13 Mon	0249	3.8	116		28 Tue	0254	1.4	43		28 Wed	0859	14.5	442	
	0727	15.5	472			0642	15.2	463			0842	13.2	402			0816	14.7	448			0850	12.7	387			1513	1.7	52						
	1340	1.7	52			1305	1.9	58			1459	3.7	113			1437	2.1	64			1507	3.7	113			2128	15.2	463						
	2001	14.7	448			1914	14.6	445			2120	13.4	408			2051	15																	