

Balboa, Océano Pacífico año 2011

Horas y Niveles de Mareas Altas y Bajas

Enero				Febrero				Marzo															
Hora		Nivel		Hora		Nivel		Hora		Nivel		Hora		Nivel									
1 Sáb	h	m	pies	cm	16 Dom	h	m	pies	cm	1 Mar	h	m	pies	cm	16 Mié	h	m	pies	cm				
	48	14.5	442	14		12.6	384	232	13.8		421	141	13.6	415		124	12.5	381					
	710	1.8	55	645		3.3	101	848	1.2		37	810	1.2	37		734	2.4	73					
	1329	13.8	421	1300		12.0	366	1506	13.9		424	1417	13.9	424		1400	12.9	393					
	1932	2.7	82		1910	4.0	122		2109	1.9	58		2037	1.4	43		2002	2.9	88				
2 Dom	147	14.8	451	17 Lun	113	13.2	402	2 Mié	320	14.2	433	17 Jue	234	14.7	448	2 Mié	218	13.0	396	17 Jue	116	13.5	411
	811	1.2	37		745	2.4	73		933	0.5	15		901	-0.1	-3		828	1.7	52		739	1.3	40
	1426	14.3	436		1354	12.9	393		1551	14.5	442		1507	15.2	463		1447	13.5	411		1349	14.3	436
	2031	2.2	67		2010	3.1	94		2152	1.2	37		2127	-0.1	-3		2051	2.0	61		2011	1.0	30
3 Lun	241	15.1	460	18 Mar	205	14.1	430	3 Jue	403	14.5	442	18 Vie	325	15.8	482	3 Jue	303	13.5	411	18 Vie	212	14.8	451
	903	0.6	18		838	1.3	40		1011	0.0	0		947	-1.4	-43		911	1.0	30		834	0.0	0
	1517	14.8	451		1443	14.0	427		1630	14.9	454		1554	16.4	500		1527	14.1	430		1440	15.6	475
	2122	1.7	52		2101	1.9	58		2230	0.7	21		2212	-1.4	-43		2132	1.2	37		2103	-0.6	-18
4 Mar	330	15.3	466	19 Mié	255	15.0	457	4 Vie	443	14.7	448	19 Sáb	415	16.6	506	4 Vie	343	13.9	424	19 Sáb	304	15.9	485
	948	0.1	3		925	0.1	3		1047	-0.2	-6		1031	-2.3	-70		948	0.5	15		923	-1.3	-40
	1605	15.2	463		1531	15.0	457		1707	15.2	463		1642	17.2	524		1603	14.6	445		1529	16.8	512
	2207	1.2	37		2148	0.6	18		2306	0.4	12		2256	-2.3	-70		2207	0.5	15		2150	-1.9	-58
5 Mié	417	15.4	469	20 Jue	344	15.8	482	5 Sáb	519	14.7	448	20 Dom	503	17.1	521	5 Sáb	419	14.3	436	20 Dom	354	16.8	512
	1029	-0.2	-6		1009	-1.0	-30		1121	-0.2	-6		1114	-2.7	-82		1023	0.1	3		1008	-2.2	-67
	1650	15.5	472		1618	16.0	488		1741	15.3	466		1728	17.7	540		1637	15.0	457		1617	17.6	536
	2248	0.9	27		2232	-0.4	-12		2341	0.3	9		2340	-2.6	-79		2241	0.1	3		2235	-2.7	-82
6 Jue	501	15.4	469	21 Vie	433	16.4	500	6 Dom	553	14.6	445	21 Lun	551	17.2	524	6 Dom	453	14.5	442	21 Lun	443	17.3	527
	1108	-0.2	-6		1051	-1.7	-52		1155	0.0	0		1158	-2.5	-76		1056	-0.1	-3		1053	-2.5	-76
	1731	15.6	475		1704	16.8	512		1813	15.2	463		1814	17.7	540		1709	15.2	463		1705	17.9	546
	2327	0.9	27		2315	-1.1	-34										2314	-0.1	-3		2319	-3.0	-91
7 Vie	542	15.2	463	22 Sáb	522	16.8	512	7 Lun	15	0.6	18	22 Mar	25	-2.3	-70	7 Lun	525	14.5	442	22 Mar	532	17.3	527
	1145	0.0	0		1134	-2.0	-61		626	14.3	436		639	16.8	512		1128	0.0	0		1137	-2.3	-70
	1809	15.5	472		1750	17.2	524		1230	0.6	18		1243	-1.8	-55		1740	15.1	460		1752	17.8	543
					2359	-1.4	-43		1845	14.9	454		1901	17.1	521		2347	0.0	0				
8 Sáb	5	1.1	34	23 Dom	609	16.9	515	8 Mar	51	1.0	30	23 Mié	113	-1.5	-46	8 Mar	557	14.3	436	23 Mié	4	-2.6	-79
	620	14.8	451		1218	-1.8	-55		658	13.8	421		727	15.9	485		1201	0.4	12		620	16.9	515
	1222	0.5	15		1836	17.3	527		1305	1.3	40		1332	-0.6	-18		1811	14.9	454		1222	-1.5	-46
	1845	15.2	463						1915	14.4	439		1948	16.2	494						1840	17.1	521
9 Dom	44	1.5	46	24 Lun	46	-1.2	-37	9 Mié	129	1.6	49	24 Jue	205	-0.4	-12	9 Mié	21	0.4	12	24 Jue	52	-1.7	-52
	656	14.3	436		657	16.5	503		730	13.2	402		817	14.8	451		628	13.9	424		709	16.0	488
	1300	1.2	37		1304	-1.2	-37		1342	2.1	64		1425	0.7	21		1234	1.1	34		1311	-0.4	-12
	1919	14.8	451		1921	16.9	515		1947	13.8	421		2039	14.9	454		1841	14.5	442		1928	16.0	488
10 Lun	124	2.1	64	25 Mar	135	-0.6	-18	10 Jue	210	2.3	70	25 Vie	303	0.8	24	10 Jue	56	1.0	30	25 Vie	143	-0.4	-12
	731	13.7	418		745	15.8	482		805	12.5	381		915	13.5	411		700	13.4	408		800	14.9	454
	1340	2.0	61		1354	-0.2	-6		1423	2.9	88		1525	2.0	61		1310	1.9	58		1404	1.0	30
	1954	14.3	436		2009	16.2	494		2023	13.2	402		2140	13.6	415		1913	14.0	427		2019	14.7	448
11 Mar	207	2.7	82	26 Mié	229	0.2	6	11 Vie	256	2.9	88	26 Sáb	406	1.9	58	11 Vie	135	1.6	49	26 Sáb	239	0.9	27
	807	12.9	393		837	14.7	448		847	11.8	360		1025	12.4	378		734	12.9	393		856	13.7	418
	1422	2.8	85		1448	0.9	27		1512	3.7	113		1631	3.1	94		1350	2.7	82		1504	2.3	70
	2030	13.7	418		2102	15.2	463		2108	12.5	381		2255	12.6	384		1948	13.4	408		2117	13.3	405
12 Mié	254	3.2	98	27 Jue	328	1.1	34	12 Sáb	350	3.4	104	27 Dom	515	2.6	79	12 Sáb	219	2.3	70	27 Dom	341	2.1	64
	848	12.2	372		937	13.6	415		943	11.2	341		1147	12.0	366		814	12.2	372		1003	12.6	384
	1508	3.6	110		1548	2.0	61		1610	4.2	128		1744	3.6	110		1438	3.4	104		1610	3.3	101
	2112	13.1	399		2204	14.2	433		2210	12.0	366						2032	12.7	387		2230	12.3	375
13 Jue	344	3.6	110	28 Vie	432	1.8	55	13 Dom	453	3.6	110	28 Lun	15	12.3	375	13 Dom	312	2.9	88	28 Lun	448	2.9	88
	938	11.6	354		1048	12.8	390		1101	11.0	335		628	2.7	82		906	11.7	357		1121	12.2	372
	1600	4.2	128		1653	2.9	88		1720	4.4	134		1301	12.3	375		1537	4.0	122		1721	3.8	116
	2204	12.6	384		2317	13.4	408		2328	12.0	366		1858	3.5	107		2131	12.1	369		2351	11.9	363
14 Vie	440	3.9	119	29 Sáb	540	2.3	70	14 Lun	602	3.3	101	14 Lun	414	3.3	101	14 Lun	557	3.2	98	29 Mar	1233	12.3	375
	1044	11.2	341		1207	12.5	381		1220	11.5	351		1020	11.4	347		1233	12.3	375				
	1658	4.6	140		1804	3.3	101		1833	3.9	119		1647	4.1	125		1832	3.7	113				
	2308	12.4	378										2251	11.9	363								
15 Sáb	541	3.8	116	30 Dom	32	13.2	402	15 Mar	40	12.6	384	15 Mar	524	3.1	94	15 Mar	100	12.1	369				
	1156	11.4	347		650	2.3	70		710	2.5	76		1143	11.8	360		701	3.0	91				
	1803	4.5	137		1317	12.8	390		1323	12.6	384		1802	3.6	110		1330	12.8	390				
					1916	3.2	98		1941	2.8	85						1933	3.2	98				
			31 Lun	137	13.4	408							31 Jue	153	12.6	384							
				755	1.8	55								756	2.5	76							
				1416	13.3	405								1415	13.4	408							
				2019	2.6	79								2023	2.4	73							

recopilado por: EAAR-HM



Luna Nueva



Cuarto Creciente



Luna Llena



Cuarto Menguante

Balboa, Océano Pacífico año 2011

Horas y Niveles de Mareas Altas y Bajas

Julio				Agosto				Septiembre																														
Hora		Nivel		Hora		Nivel		Hora		Nivel		Hora		Nivel																								
	h	m	pies	cm		h	m	pies	cm		h	m	pies	cm		h	m	pies	cm																			
1 Vie	337	14.6	445		16 Sáb	428	15.9	485		1 Lun	440	16.7	509		16 Mar	524	16.1	491		1 Jue	545	18.2	555		16 Vie	554	15.7	479										
	951	2.2	67			1029	1.1	34			1054	0.0	0			1124	0.8	24			1158	-1.5	-46			1204	1.2	37		1814	14.8	451						
	1545	15.5	472			1642	16.0	488			1657	16.9	515			1738	15.5	472			1810	17.6	536			1810	17.6	536		1814	14.8	451		0				
	2213	0.6	18			2251	-0.1	-3			2312	-1.0	-30			2340	0.6	18			0		0			0		0		0		0						
2 Sáb	421	15.3	466		17 Dom	513	16.1	491		2 Mar	525	17.2	524		17 Mié	558	15.9	485		2 Vie	16	-1.0	-30		17 Sáb	19	2.0	61		18 Dom	55	2.8	85					
	1032	1.6	49			1110	1.0	30			1136	-0.5	-15			1200	1.1	34			632	17.9	546			626	15.2	463			659	14.6	445					
	1631	15.9	485			1726	15.9	485			1744	17.1	521			1813	15.1	460			1245	-0.9	-27			1240	1.9	58			1318	2.6	79		1402	3.4	104	
	2253	0.1	3			2330	0.1	3			2354	-1.0	-30			0		0			1858	17.0	518			1846	14.3	436			1921	13.6	415		0			
3 Dom	505	15.8	482		18 Lun	554	16.1	491		3 Mié	610	17.5	533		18 Jue	15	1.1	34		3 Sáb	104	-0.1	-3		18 Dom	55	2.8	85										
	1114	1.1	34			1150	1.1	34			1220	-0.5	-15			631	15.6	475			720	17.2	524			659	14.6	445		1318	2.6	79						
	1716	16.2	494			1807	15.6	475			1830	17.0	518			1236	1.6	49			1336	0.1	3			1318	2.6	79		1921	13.6	415						
	2333	-0.2	-6			0		0			-30		-30			1846	14.6	445			1949	16.0	488			1921	13.6	415		0								
4 Lun	548	16.3	497		19 Mar	8	0.5	15		4 Jue	38	-0.6	-18		19 Vie	51	1.9	58		4 Dom	157	1.1	34		19 Lun	135	3.7	113										
	1156	0.8	24			632	15.9	485			655	17.4	530			704	15.1	460			811	16.1	491			734	13.9	424		1402	3.4	104						
	1802	16.3	497			1230	1.5	46			1308	-0.1	-3			1314	2.2	67			1433	1.2	37			1402	3.4	104		2000	13.0	396						
	0		0			1845	15.1	460			1917	16.5	503			1919	14.0	427			2045	14.8	451			2000	13.0	396		0								
5 Mar	15	-0.1	-3		20 Mié	47	1.2	37		5 Vie	126	0.1	3		20 Sáb	128	2.7	82		5 Lun	256	2.4	73		20 Mar	222	4.5	137										
	632	16.5	503			709	15.5	472			741	16.9	515			736	14.5	442			910	14.9	454			816	13.2	402		816	13.2	402						
	1241	0.8	24			1310	2.1	64			1359	0.6	18			1355	2.9	88			1536	2.3	70			1454	4.1	125		1454	4.1	125						
	1848	16.2	494			1921	14.4	439			2007	15.7	479			1954	13.3	405			2152	13.8	421			2050	12.4	378		2050	12.4	378						
6 Mié	59	0.2	6		21 Jue	127	2.0	61		6 Sáb	218	1.1	34		21 Dom	210	3.6	110		6 Mar	402	3.4	104		21 Mié	321	5.0	152										
	716	16.5	503			744	15.0	457			832	16.1	491			812	13.8	421			1022	13.9	424			913	12.6	384		913	12.6	384						
	1329	1.0	30			1353	2.7	82			1456	1.4	43			1441	3.7	113			1645	3.0	91			1555	4.4	134		1555	4.4	134						
	1935	15.8	482			1958	13.7	418			2103	14.7	448			2035	12.5	381			2312	13.2	402			2159	12.1	369		2159	12.1	369						
7 Jue	148	0.8	24		22 Vie	209	2.9	88		7 Dom	316	2.1	64		22 Lun	259	4.4	134		7 Mié	514	3.9	119		22 Jue	429	5.2	158										
	802	16.3	497			821	14.3	436			930	15.2	463			856	13.1	399			1144	13.5	411			1030	12.4	378		1030	12.4	378						
	1422	1.4	43			1439	3.4	104			1558	2.1	64			1534	4.2	128			1757	3.3	101			1703	4.4	134		1703	4.4	134						
	2025	15.2	463			2037	12.9	393			2209	13.8	421			2129	11.9	363			0		0			2321	12.4	378		2321	12.4	378						
8 Vie	240	1.4	43		23 Sáb	254	3.7	113		8 Lun	419	3.0	91		23 Mar	356	5.0	152		8 Jue	29	13.4	408		23 Vie	540	4.7	143										
	853	15.8	482			901	13.7	418			1039	14.4	439			955	12.5	381			628	3.9	119			1150	12.9	393		1150	12.9	393						
	1519	1.8	55			1528	3.9	119			1705	2.6	79			1635	4.5	137			1256	13.7	418			1811	3.8	116		1811	3.8	116						
	2123	14.5	442			2124	12.2	372			2326	13.4	408			2243	11.6	354			1905	3.0	91			0		0		0								
9 Sáb	338	2.1	64		24 Dom	344	4.4	134		9 Mar	529	3.5	107		24 Mié	502	5.2	158		9 Vie	131	13.9	424		24 Sáb	30	13.4	408										
	952	15.3	466			949	13.1	399			1155	14.1	430			1110	12.4	378			734	3.4	104			647	3.7	113		647	3.7	113						
	1620	2.2	67			1622	4.3	131			1815	2.8	85			1742	4.4	134			1353	14.2	433			1254	13.9	424		1254	13.9	424						
	2229	14.0	427			2224	11.7	357			421		421			0		0			2002	2.5	76			1913	2.8	85		1913	2.8	85						
10 Dom	439	2.7	82		25 Lun	440	4.9	149		10 Mié	41	13.5	411		25 Jue	1	12.0	366		10 Sáb	221	14.6	445		25 Dom	125	14.6	445										
	1059	14.9	454			1050	12.8	390			641	3.6	110			612	4.9	149			827	2.6	79			746	2.3	70		746	2.3	70						
	1725	2.3	70			1721	4.4	134			1305	14.2	433			1222	12.9	393			1441	14.6	445			1348	15.2	463		1348	15.2	463						
	2341	13.8	421			2335	11.7	357			1923	2.4	73			1848	3.7	113			2049	1.8	55			2008	1.5	46		2008	1.5	46						
11 Lun	545	3.1	94		26 Mar	542	5.1	155		11 Jue	144	14.0	427		26 Vie	104	12.9	393		11 Dom	303	15.2	463		26 Lun	213	16.0	488										
	1208	14.9	454			1156	12.8	390			748	3.1	94			718	4.0	122			911	1.9	58			837	0.8	24		837	0.8	24						
	1832	2.2	67			1824	4.1	125			1404	14.6	445			1321	13.9	424			1522	15.0	457			1437	16.3	497		1437	16.3	497						
	0		0			0		0			2021	1.8	55			1947	2.6	79			2129	1.3	40			2057	0.2	6		2057	0.2	6						
12 Mar	51	14.0	427		27 Mié	41	12.1	369		12 Vie	238	14.7	448		27 Sáb	156	14.1	430		12 Lun	341	15.6	475		27 Mar	300	17.2	524										
	654	3.0	91			648	4.8	146			844	2.4	73			815	2.7	82			948	1.2	37			924	-0.6	-18		924	-0.6	-18						
	1312	15.1	460			1255	13.3	405			1455	15.1	460			1413	15.0	457			1559	15.3	466			1525	17.3	527		1525	17.3	527						
	1937	1.8	55			1925	3.5	107			2110	1.2	37			2038	1.4	43			2205	0.9	27			2142	-0.8	-24		2142	-0.8	-24						

