

## Balboa, Océano Pacífico 2019

### Horas y Niveles de Mareas Altas y Bajas

Enero					Febrero					Marzo													
Hora		Nivel			Hora		Nivel			Hora		Nivel			Hora		Nivel						
	h	m	pies	cm		h	m	pies	cm		h	m	pies	cm		h	m	pies	cm				
<b>1 Mar</b>	601	2.3	70	<b>16 Mié</b>	507	3.4	104	<b>1 Vie</b>	119	13.1	399	<b>16 Sáb</b>	9	13.1	399	<b>1 Vie</b>	558	3.1	94	<b>16 Sáb</b>	501	2.6	79
	1224	13.4	408		1111	11.8	360		736	2.4	73		640	2.1	64		1232	11.6	354		1116	12.1	369
	1821	3.0	91		1727	3.8	116		1358	12.6	384		1255	12.7	387		1824	4.1	125		1735	3.3	101
				2339	13.2	402				1956	3.3	101				79			2347	12.9	393		
<b>2 Mié</b>	48	14.4	439	<b>17 Jue</b>	609	2.9	88	<b>2 Sáb</b>	211	13.3	405	<b>17 Dom</b>	116	13.9	424	<b>2 Sáb</b>	53	12.0	366	<b>17 Dom</b>	614	2.2	67
	704	2.1	64		1220	12.3	375		829	1.9	58		747	1.0	30		705	3.0	91		1235	12.9	393
	1324	13.6	415		1833	3.5	107		1447	13.1	399		1357	13.9	424		1334	11.9	363		1851	2.5	76
	1922	2.9	88				2048	2.7	82		2016	1.4	43		1931	3.8	116						
<b>3 Jue</b>	142	14.5	442	<b>18 Vie</b>	41	13.8	421	<b>3 Dom</b>	257	13.6	415	<b>18 Lun</b>	216	15.0	457	<b>3 Dom</b>	150	12.3	375	<b>18 Lun</b>	100	13.7	418
	801	1.7	52		713	2.1	64		914	1.3	40		845	-0.3	-9		803	2.5	76		724	1.2	37
	1416	13.9	424		1321	13.2	402		1530	13.6	415		1453	15.1	460		1424	12.5	381		1339	14.1	430
	2018	2.7	82		1937	2.6	79		2131	2.1	64		2111	0.0	0		2026	3.1	94		1958	1.3	40
<b>4 Vie</b>	230	14.7	448	<b>19 Sáb</b>	138	14.6	445	<b>4 Lun</b>	339	13.9	424	<b>19 Mar</b>	312	16.0	488	<b>4 Lun</b>	237	12.8	390	<b>19 Mar</b>	202	14.8	451
	850	1.2	37		812	0.9	27		953	0.7	21		936	-1.5	-46		850	1.8	55		825	0.0	0
	1503	14.2	433		1416	14.2	433		1610	14.0	427		1546	16.2	494		1506	13.2	402		1435	15.3	466
	2106	2.3	70		2036	1.5	46	●	2210	1.5	46	○	2201	-1.3	-40	2110	2.2	67	2054	-0.2	-6		
<b>5 Sáb</b>	314	14.8	451	<b>20 Dom</b>	232	15.5	472	<b>5 Mar</b>	418	14.1	430	<b>20 Mié</b>	406	16.8	512	<b>5 Mar</b>	318	13.3	405	<b>20 Mié</b>	257	15.8	482
	933	0.8	24		905	-0.3	-9		1029	0.2	6		1023	-2.5	-76		930	1.0	30		917	-1.2	-37
	1547	14.4	439		1509	15.3	466		1647	14.4	439		1637	17.1	521		1544	13.8	421		1527	16.5	503
	2148	1.9	58		2128	0.3	9		2246	1.1	34		2248	-2.1	-64		2148	1.4	43		2144	-1.5	-46
<b>6 Dom</b>	355	14.9	454	<b>21 Lun</b>	326	16.3	497	<b>6 Mié</b>	455	14.3	436	<b>21 Jue</b>	458	17.2	524	<b>6 Mié</b>	356	13.8	421	<b>21 Jue</b>	349	16.7	509
	1012	0.4	12		953	-1.4	-43		1104	0.0	0		1108	-2.9	-88		1006	0.4	12		1004	-2.1	-64
	1628	14.6	445		1602	16.2	494		1722	14.7	448		1726	17.6	536		1619	14.4	439		1616	17.3	527
	2227	1.6	49	○	2217	-0.7	-21		2321	0.8	24		2334	-2.5	-76	●	2224	0.7	21	○	2230	-2.4	-73
<b>7 Lun</b>	435	14.9	454	<b>22 Mar</b>	419	16.9	515	<b>7 Jue</b>	530	14.4	439	<b>22 Vie</b>	547	17.3	527	<b>7 Jue</b>	431	14.2	433	<b>22 Vie</b>	440	17.2	524
	1048	0.3	9		1040	-2.2	-67		1138	0.0	0		1153	-2.7	-82		1040	0.0	0		1048	-2.5	-76
	1708	14.8	451		1654	16.9	515		1755	14.8	451		1814	17.6	536		1652	14.8	451		1704	17.7	540
	2304	1.5	46		2304	-1.3	-40		2356	0.8	24				2258	0.2	6		2314	-2.7	-82		
<b>8 Mar</b>	514	14.8	451	<b>23 Mié</b>	512	17.3	527	<b>8 Vie</b>	604	14.3	436	<b>23 Sáb</b>	20	-2.2	-67	<b>8 Vie</b>	506	14.5	442	<b>23 Sáb</b>	528	17.2	524
	1124	0.4	12		1126	-2.5	-76		1212	0.3	9		636	16.9	515		1113	-0.1	-3		1131	-2.4	-73
	1745	14.8	451		1745	17.4	530		1827	14.8	451		1239	-2.0	-61		1725	15.1	460		1750	17.6	536
	2341	1.6	49		2351	-1.5	-46				1900	17.1	521		2331	0.1	3		2358	-2.4	-73		
<b>9 Mié</b>	551	14.6	445	<b>24 Jue</b>	604	17.2	524	<b>9 Sáb</b>	32	1.0	30	<b>24 Dom</b>	107	-1.5	-46	<b>9 Sáb</b>	539	14.5	442	<b>24 Dom</b>	615	16.8	512
	1200	0.6	18		1212	-2.3	-70		637	14.0	427		723	16.1	491		1146	0.0	0		1215	-1.6	-49
	1821	14.7	448		1834	17.4	530		1247	0.8	24		1326	-0.9	-27		1756	15.1	460		1834	17.0	518
						1858	14.5	442				1946	16.2	494									
<b>10 Jue</b>	19	1.9	58	<b>25 Vie</b>	40	-1.3	-40	<b>10 Dom</b>	109	1.4	43	<b>25 Lun</b>	158	-0.4	-12	<b>10 Dom</b>	5	0.1	3	<b>25 Lun</b>	42	-1.6	-49
	627	14.2	433		654	16.8	512		710	13.7	418		811	14.9	454		611	14.4	439		700	16.0	488
	1237	1.1	34		1301	-1.6	-49		1324	1.4	43		1416	0.4	12		1220	0.4	12		1259	-0.5	-15
	1855	14.5	442		1923	17.0	518		1931	14.2	433		2033	15.0	457		1828	15.0	457		1918	16.1	491
<b>11 Vie</b>	58	2.3	70	<b>26 Sáb</b>	131	-0.6	-18	<b>11 Lun</b>	149	1.8	55	<b>26 Mar</b>	251	0.8	24	<b>11 Lun</b>	40	0.4	12	<b>26 Mar</b>	129	-0.4	-12
	702	13.8	421		744	16.0	488		745	13.2	402		903	13.6	415		644	14.1	430		745	14.9	454
	1316	1.7	52		1351	-0.6	-18		1403	2.1	64		1510	1.8	55		1255	1.0	30		1347	0.9	27
	1930	14.2	433		2012	16.2	494		2006	13.8	421	●	2126	13.7	418		2002	14.8	451				
<b>12 Sáb</b>	140	2.7	82	<b>27 Dom</b>	226	0.2	6	<b>12 Mar</b>	233	2.3	70	<b>27 Mié</b>	349	1.9	58	<b>12 Mar</b>	118	0.9	27	<b>27 Mié</b>	219	0.9	27
	738	13.3	405		836	14.9	454		825	12.6	384		1004	12.4	378		719	13.7	418		833	13.7	418
	1357	2.4	73		1446	0.6	18		1449	2.7	82		1609	3.0	91		1334	1.6	49		1438	2.2	67
	2006	13.8	421	●	2105	15.2	463	●	2049	13.3	405		2229	12.6	384		1936	14.3	436		2050	13.5	411
<b>13 Dom</b>	225	3.1	94	<b>28 Lun</b>	324	1.1	34	<b>13 Mié</b>	324	2.7	82	<b>28 Jue</b>	451	2.7	82	<b>13 Mié</b>	201	1.5	46	<b>28 Jue</b>	313	2.1	64
	817	12.7	387		934	13.8	421		915	12.1	369		1117	11.7	357		758	13.2	402		928	12.5	381
	1441	3.0	91		1543	1.8	55		1543	3.3	101		1714	3.8	116		1419	2.4	73		1536	3.4	104
	2046	13.4	408		2203	14.2	433		2143	12.9	393		2343	12.0	366		2018	13.7	418		2148	12.3	375
<b>14 Lun</b>	314	3.4	104	<b>29 Mar</b>	424	1.9	58	<b>14 Jue</b>	423	2.8	85	<b>15 Vie</b>	530	2.7	82	<b>14 Jue</b>	252	2.0	61	<b>29 Vie</b>	414	3.1	94
	903	12.2	372		1041	12.8	390		1023	11.7	357		1142	11.9	363		847	12.6	384		1037	11.7	357
	1531	3.5	107		1644	2.7	82		1646	3.5	107		1758	3.4	104		1514	3.0	91		1640	4.2	128
	2134	13.0	396		2310	13.4	408		2254	12.8	390		2224	12.7	387	●	2302	11.5	351				
<b>15 Mar</b>	408	3.5	107	<b>30 Mié</b>	528	2.4	73	<b>15 Vie</b>	530	2.7	82	<b>15 Vie</b>	953	12.1	369	<b>15 Vie</b>	352	2.5	76	<b>30 Sáb</b>	519	3.6	110
	1001	11.8	360		1153	12.3	375		1142	11.9	363		1620	3.4	104		953	12.1	369		1155	11.5	351
	1626	3.8	116		1748	3.4	104		1758	3.4	104		2224	12.7	387		1620	3.4	104		1750	4.5	137
	2233	12.9	393																				
				<b>31 Jue</b>	18	13.1	399																
					633	2.6	79																
					1300	12.3	375																
					1855	3.5	107																

recopilado por: AARH



Luna Nueva



Cuarto

## Balboa, Océano Pacífico 2019

### Horas y Niveles de Mareas Altas y Bajas

Abril					Mayo					Junio																			
Hora		Nivel			Hora		Nivel			Hora		Nivel			Hora		Nivel												
	h	m	pies	cm		h	m	pies	cm		h	m	pies	cm		h	m	pies	cm										
<b>1</b> <b>Lun</b>	120	11.9	363		<b>16</b> <b>Mar</b>	45	13.8	421		<b>1</b> <b>Mié</b>	128	12.4	378		<b>16</b> <b>Jue</b>	128	14.9	454		<b>1</b> <b>Sáb</b>	210	13.7	418		<b>16</b> <b>Dom</b>	254	15.3	466	
	727	3.2	98			701	1.6	49			734	3.3	101			738	1.4	43			824	2.8	85			900	1.6	49	
	1351	12.5	381			1320	14.7	448			1349	13.5	411			1353	16.0	488			1422	15.1	460			1508	16.2	494	
	1955	3.4	104			1938	1.3	40			2004	2.9	88			2014	0.5	15			2052	1.5	46			2130	0.3	9	
<b>2</b> <b>Mar</b>	208	12.5	381		<b>17</b> <b>Mié</b>	146	14.8	451		<b>2</b> <b>Jue</b>	211	13.1	399		<b>17</b> <b>Vie</b>	222	15.5	472		<b>2</b> <b>Dom</b>	251	14.4	439		<b>17</b> <b>Lun</b>	342	15.5	472	
	817	2.5	76			802	0.6	18			821	2.6	79			832	0.8	24			908	2.1	64			946	1.4	43	
	1432	13.3	405			1415	15.8	482			1427	14.3	436			1442	16.6	506			1502	15.7	479			1554	16.2	494	
	2041	2.5	76			2035	0.0	0			2047	2.0	61			2104	-0.3	-9			2133	0.7	21			2213	0.0	0	
<b>3</b> <b>Mié</b>	249	13.2	402		<b>18</b> <b>Jue</b>	240	15.8	482		<b>3</b> <b>Vie</b>	249	13.8	421		<b>18</b> <b>Sáb</b>	312	16.0	488		<b>3</b> <b>Lun</b>	333	15.0	457		<b>18</b> <b>Mar</b>	428	15.6	475	
	859	1.7	52			855	-0.4	-12			903	1.9	58			921	0.3	9			950	1.5	46			1028	1.4	43	
	1508	14.0	427			1505	16.7	509			1503	15.0	457			1529	16.9	515			1544	16.2	494			1639	16.0	488	
	2121	1.5	46			2124	-1.1	-34			2125	1.0	30			2149	-0.9	-27			2214	0.0	0			2253	0.1	3	
<b>4</b> <b>Jue</b>	326	13.8	421		<b>19</b> <b>Vie</b>	331	16.5	503		<b>4</b> <b>Sáb</b>	327	14.4	439		<b>19</b> <b>Dom</b>	400	16.3	497		<b>4</b> <b>Mar</b>	417	15.5	472		<b>19</b> <b>Mié</b>	513	15.5	472	
	937	1.0	30			942	-1.1	-34			941	1.3	40			1005	0.0	0			1031	1.0	30			1109	1.5	46	
	1543	14.7	448			1553	17.3	527			1539	15.5	472			1615	17.0	518			1628	16.5	503			1722	15.7	479	
	2157	0.7	21			2210	-1.9	-58			2202	0.3	9			2232	-1.0	-30			2254	-0.4	-12			2332	0.4	12	
<b>5</b> <b>Vie</b>	401	14.3	436		<b>20</b> <b>Sáb</b>	420	16.9	515		<b>5</b> <b>Dom</b>	404	14.9	454		<b>20</b> <b>Lun</b>	446	16.3	497		<b>5</b> <b>Mié</b>	503	15.9	485		<b>20</b> <b>Jue</b>	555	15.4	469	
	1012	0.5	15			1027	-1.4	-43			1017	0.9	27			1047	0.2	6			1113	0.8	24			1149	1.9	58	
	1617	15.2	463			1639	17.5	533			1616	15.9	485			1700	16.7	509			1715	16.6	506			1803	15.2	463	
	2231	0.1	3			2253	-2.1	-64			2239	-0.2	-6			2313	-0.8	-24			2336	-0.5	-15						
<b>6</b> <b>Sáb</b>	436	14.7	448		<b>21</b> <b>Dom</b>	507	16.9	515		<b>6</b> <b>Lun</b>	443	15.3	466		<b>21</b> <b>Mar</b>	532	16.0	488		<b>6</b> <b>Jue</b>	550	16.1	491		<b>21</b> <b>Vie</b>	12	0.9	27	
	1046	0.2	6			1109	-1.2	-37			1054	0.7	21			1129	0.6	18			1157	0.9	27			636	15.1	460	
	1651	15.5	472			1724	17.3	527			1654	16.1	491			1743	16.2	494			1803	16.5	503			1230	2.4	73	
	2305	-0.3	-9			2335	-1.8	-55			2315	-0.4	-12			2354	-0.2	-6			2354	-0.2	-6			1843	14.7	448	
<b>7</b> <b>Dom</b>	511	14.9	454		<b>22</b> <b>Lun</b>	553	16.5	503		<b>7</b> <b>Mar</b>	523	15.4	469		<b>22</b> <b>Mié</b>	616	15.6	475		<b>7</b> <b>Vie</b>	21	-0.3	-9		<b>22</b> <b>Sáb</b>	52	1.6	49	
	1120	0.2	6			1151	-0.6	-18			1132	0.8	24			1210	1.4	43			638	16.1	491			716	14.7	448	
	1724	15.6	475			1808	16.7	509			1734	16.1	491			1826	15.5	472			1245	1.2	37			1313	3.0	91	
	2339	-0.3	-9								2354	-0.2	-6								1852	16.1	491			1922	14.1	430	
<b>8</b> <b>Lun</b>	546	14.9	454		<b>23</b> <b>Mar</b>	17	-1.0	-30		<b>8</b> <b>Mié</b>	604	15.4	469		<b>23</b> <b>Jue</b>	35	0.6	18		<b>8</b> <b>Sáb</b>	109	0.3	9		<b>23</b> <b>Dom</b>	135	2.3	70	
	1154	0.5	15			637	15.9	485			1212	1.1	34			659	15.0	457			728	15.9	485			755	14.3	436	
	1759	15.6	475			1234	0.4	12			1816	15.9	485			1254	2.3	70			1338	1.7	52			1400	3.6	110	
						1851	15.8	482								1907	14.7	448			1945	15.6	475			2003	13.4	408	
<b>9</b> <b>Mar</b>	15	0.0	0		<b>24</b> <b>Mié</b>	101	0.1	3		<b>9</b> <b>Jue</b>	36	0.2	6		<b>24</b> <b>Vie</b>	119	1.6	49		<b>9</b> <b>Dom</b>	203	0.9	27		<b>24</b> <b>Lun</b>	221	3.0	91	
	622	14.7	448			721	14.9	454			647	15.2	463			741	14.3	436			821	15.5	472			836	13.8	421	
	1231	1.0	30			1319	1.6	49			1257	1.6	49			1341	3.2	98			1438	2.1	64			1450	4.1	125	
	1835	15.3	466			1933	14.7	448			1901	15.4	469			1950	13.8	421			2042	14.9	454			2047	12.8	390	
<b>10</b> <b>Mié</b>	54	0.4	12		<b>25</b> <b>Jue</b>	148	1.3	40		<b>10</b> <b>Vie</b>	123	0.8	24		<b>25</b> <b>Sáb</b>	207	2.5	76		<b>10</b> <b>Lun</b>	302	1.5	46		<b>25</b> <b>Mar</b>	310	3.6	110	
	700	14.4	439			806	13.9	424			735	14.8	451			826	13.6	415			920	15.2	463			922	13.4	408	
	1312	1.6	49			1408	2.8	85			1349	2.2	67			1433	4.0	122			1541	2.4	73			1543	4.4	134	
	1914	14.8	451			2018	13.5	411			1951	14.8	451			2036	12.9	393			2147	14.4	439			2138	12.3	375	
<b>11</b> <b>Jue</b>	138	1.1	34		<b>26</b> <b>Vie</b>	239	2.4	73		<b>11</b> <b>Sáb</b>	217	1.5	46		<b>26</b> <b>Dom</b>	258	3.4	104		<b>11</b> <b>Mar</b>	404	2.0	61		<b>26</b> <b>Mié</b>	401	4.1	125	
	743	13.9	424			856	13.0	396			828	14.4	439			916	13.0	396			1026	14.9	454			1014	13.2	402	
	1400	2.3	70			1504	3.9	119			1449	2.8	85			1529	4.5	137			1646	2.5	76			1637	4.4	134	
	2000	14.2	433			2110	12.4	378			2049	14.1	430			2130	12.2	372			2258	14.1	430			2239	12.1	369	
<b>12</b> <b>Vie</b>	230	1.7	52		<b>27</b> <b>Sáb</b>	336	3.4	104		<b>12</b> <b>Dom</b>	318	2.0	61		<b>27</b> <b>Lun</b>	353	4.0	122		<b>12</b> <b>Mié</b>	507	2.4	73		<b>27</b> <b>Jue</b>	455	4.3	131	
	834	13.3	405			956	12.2	372			932	14.0	427			1014	12.7	387			1134	15.0	457			1111	13.2	402	
	1458	3.0	91			1606	4.5	137			1556	3.0	91			1628	4.7	143			1750	2.3	70			1733	4.2	128	
	2056	13.5	411			2216	11.7	357			2200	13.6	415			2235	11.8	360								2343	12.2	372	
<b>13</b> <b>Sáb</b>	332	2.3	70		<b>28</b> <b>Dom</b>	437	3.9	119		<b>13</b> <b>Lun</b>	423	2.4	73		<b>28</b> <b>Mar</b>	450	4.3	131		<b>13</b> <b>Jue</b>	7	14.2	433		<b>28</b> <b>Vie</b>	551	4.3	131	
	940	12.9	393			1107	12.0	366			1045	14.0	427			1116	12.7	387			611	2.4	73			1206	13.6	415	
	1606	3.3	101			1711	4.8	146			1705	2.9	88			1727	4.6	140			1236	15.3	466			1830	3.7	113	
	2209	13.0	396			2332	11.5	351			2317	13.6	415			2342	11.9	363			1853	1.9	58						
<b>14</b> <b>Dom</b>	440	2.5	76		<b>29</b> <b>Lun</b>	540	4.1	125		<b>14</b> <b>Mar</b>	531	2.3	70		<b>29</b> <b>Mié</b>	548	4.3	131		<b>14</b> <b>Vie</b>	109	14.5	442		<b>29</b> <b>Sáb</b>	40	12.7	387	
	1100	12.9	393			1213	12.2	372			1157	14.5	442			1212	13.1	399			712	2.3	70			649	4.0	122	
	1720	3.2	98			1815	4.5	137			1813	2.3	70			1825	4.1	125			1331	15.7	479			1257	14.2	433	

## Balboa, Océano Pacífico 2019

### 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 Lun	218	14.2	433		16 Mar	326	14.7	448		1 Jue	335	16.1	491		16 Vie	430	15.1	460		1 Dom	456	18.2	555		16 Lun	506	15.8	482	
	837	2.6	79			929	2.3	70			953	0.5	15			1030	1.7	52			1108	-1.6	-49			1114	0.9	27	
	1431	15.6	475			1537	15.3	466			1552	17.0	518			1640	15.1	460			1718	18.1	552			1722	15.4	469	
	2106	0.9	27			2155	0.9	27			2217	-1.0	-30			2249	0.7	21			2327	-2.0	-61			2329	1.0	30	
2 Mar	306	15.0	457		17 Mié	411	15.0	457		2 Vie	426	16.9	515		17 Sáb	506	15.4	469		2 Lun	545	18.4	561		17 Mar	538	15.8	482	
	925	1.7	52			1011	2.0	61			1040	-0.3	-9			1106	1.5	46			1153	-1.6	-49			1148	1.1	34	
	1519	16.3	497			1620	15.3	466			1644	17.5	533			1716	15.1	460			1808	18.0	549			1754	15.2	463	
	2151	0.0	0			2234	0.6	18			2302	-1.6	-49			2323	0.8	24											
3 Mié	355	15.7	479		18 Jue	454	15.2	463		3 Sáb	517	17.5	533		18 Dom	540	15.5	472		3 Mar	13	-1.5	-46		18 Mié	3	1.4	43	
	1011	1.0	30			1050	1.8	55			1126	-0.8	-24			1141	1.5	46			633	18.1	552			610	15.6	475	
	1608	16.7	509			1702	15.3	466			1736	17.7	540			1751	15.0	457			1241	-1.1	-34			1222	1.4	43	
	2235	-0.7	-21			2311	0.6	18			2348	-1.6	-49			2357	1.0	30			1856	17.3	527			1827	14.9	454	
4 Jue	445	16.4	500		19 Vie	533	15.3	466		4 Dom	607	17.8	543		19 Lun	613	15.4	469		4 Mié	100	-0.6	-18		19 Jue	37	2.0	61	
	1056	0.4	12			1128	1.9	58			1214	-0.8	-24			1216	1.7	52			720	17.4	530			642	15.3	466	
	1659	17.0	518			1741	15.1	460			1827	17.5	533			1824	14.8	451			1331	-0.1	-3			1259	1.9	58	
	2319	-1.0	-30			2348	0.9	27													1946	16.3	497			1900	14.4	439	
5 Vie	535	16.8	512		20 Sáb	611	15.2	463		5 Lun	35	-1.2	-37		20 Mar	32	1.5	46		5 Jue	151	0.7	21		20 Vie	114	2.7	82	
	1143	0.2	6			1206	2.1	64			656	17.7	540			645	15.2	463			809	16.3	497			716	14.8	451	
	1751	17.1	521			1818	14.8	451			1304	-0.4	-12			1253	2.1	64			1425	1.1	34			1339	2.6	79	
											1917	17.0	518			1857	14.4	439			2038	15.1	460			1938	13.8	421	
6 Sáb	5	-0.9	-27		21 Dom	25	1.3	40		6 Mar	125	-0.4	-12		21 Mié	108	2.1	64		6 Vie	246	2.0	61		21 Sáb	157	3.5	107	
	625	17.0	518			646	15.1	460			745	17.2	524			717	14.8	451			903	15.1	460			756	14.3	436	
	1231	0.3	9			1245	2.4	73			1357	0.3	9			1332	2.6	79			1524	2.2	67			1427	3.2	98	
	1842	16.9	515			1854	14.4	439			2009	16.1	491			1931	13.9	424			2138	13.9	424			2023	13.3	405	
7 Dom	54	-0.5	-15		22 Lun	103	1.9	58		7 Mié	218	0.6	18		22 Jue	147	2.9	88		7 Sáb	346	3.3	101		22 Dom	250	4.1	125	
	715	16.9	515			721	14.8	451			837	16.3	497			751	14.4	439			1006	14.0	427			845	13.7	418	
	1324	0.7	21			1326	2.9	88			1454	1.2	37			1415	3.1	94			1628	3.1	94			1525	3.7	113	
	1934	16.4	500			1929	13.9	424			2104	15.0	457			2008	13.3	405			2251	13.0	396			2123	12.8	390	
8 Lun	146	0.2	6		23 Mar	144	2.5	76		8 Jue	314	1.7	52		23 Vie	231	3.6	110		8 Dom	452	4.1	125		23 Lun	354	4.5	137	
	806	16.5	503			756	14.4	439			933	15.4	469			831	13.9	424			1120	13.3	405			953	13.2	402	
	1420	1.2	37			1410	3.4	104			1554	2.0	61			1504	3.6	110			1735	3.6	110			1632	3.8	116	
	2028	15.7	479			2007	13.3	405			2207	14.0	427			2054	12.7	387								2242	12.7	387	
9 Mar	242	1.0	30		24 Mié	227	3.2	98		9 Vie	415	2.7	82		24 Sáb	322	4.1	125		9 Lun	7	12.8	390		24 Mar	506	4.4	134	
	901	16.0	488			834	13.9	424			1038	14.5	442			921	13.5	411			602	4.5	137			1115	13.3	405	
	1520	1.7	52			1457	3.8	116			1657	2.6	79			1600	3.9	119			1233	13.1	399			1744	3.5	107	
	2128	14.9	454			2049	12.8	390			2318	13.4	408			2155	12.3	375			1842	3.6	110						
10 Mié	341	1.8	55		25 Jue	314	3.8	116		10 Sáb	518	3.5	107		25 Dom	422	4.5	137		10 Mar	113	13.1	399		25 Mié	3	13.3	405	
	1001	15.4	469			918	13.6	415			1147	14.1	430			1026	13.2	402			709	4.3	131			620	3.8	116	
	1622	2.1	64			1548	4.0	122			1803	3.0	91			1703	3.9	119			1333	13.4	408			1231	14.1	430	
	2234	14.2	433			2140	12.3	375								2312	12.3	375			1943	3.2	98			1853	2.6	79	
11 Jue	442	2.4	73		26 Vie	405	4.2	128		11 Dom	29	13.2	402		26 Lun	530	4.4	134		11 Mié	205	13.6	415		26 Jue	109	14.5	442	
	1107	15.0	457			1011	13.3	405			625	3.8	116			1141	13.4	408			806	3.7	113			727	2.5	76	
	1725	2.4	73			1644	4.1	125			1252	14.0	427			1812	3.4	104			1421	13.9	424			1333	15.2	463	
	2344	13.9	424			2244	12.1	369			1908	2.9	88								2032	2.6	79			1955	1.4	43	
12 Vie	544	2.9	88		27 Sáb	502	4.4	134		12 Lun	131	13.4	408		27 Mar	26	13.0	396		12 Jue	248	14.2	433		27 Vie	204	15.8	482	
	1212	14.9	454			1113	13.4	408			730	3.7	113			641	3.8	116			852	2.9	88			825	1.1	34	
	1829	2.4	73			1744	3.8	116			1349	14.1	430			1249	14.2	433			1502	14.4	439			1427	16.4	500	
						2353	12.4	378			2006	2.5	76			1918	2.5	76			2113	1.9	58			2048	0.1	3	
13 Sáb	49	13.9	424		28 Dom	605	4.3	131		13 Mar	224	13.8	421		28 Mié	129	14.1	430		13 Vie	325	14.8	451		28 Sáb	255	17.1	521	
	648	3.1	94			1216	13.8	421			826	3.3	101			747	2.7	82			931	2.2	67			916	-0.4	-12	
	1311	14.9	454			1846	3.2	98			1438	14.4	439			1349	15.2	463			1539	14.8	451			1519	17.4	530	
	1930	2.1	64								2055	2.0	61			2018	1.2	37			2149	1.4	43			2137	-1.0	-30	
14 Dom	147	14.1	430		29 Lun	55	13.1	399		14 Mié	310	14.3	436		29 Jue	224	15.3	466		14 Sáb	400	15.3	466		29 Dom	344	18.0	549	
	748	3.0	91			710	3.7	113			912	2.7	82			844	1.3	40			1007	1.5	46			1003	-1.4	-43	
	1403	15.1	460			1313	14.5	442			1522	14.7	448			1443	16.3	497			1614	15.1	460			1609	18.1	552	
	2025	1.7	52			1946	2.3	70			2136	1.4	43			2110	-0.1	-3			2223	1.0	30			2222	-1.6	-49	
15 Lun	239	14.4	439		30 Mar	151	14.0	427		15 Jue	352	14.7	448		30 Vie	316	16.5	503		15 Dom	434	15.6	475		30 Lun	433	18.6	567	
	842	2.7	82			810	2.8	85			953	2.2	67			935	0.0	0			1041	1.1	34			1047	-2.0	-61	
	1452	15.2	463			1407	15.4	469			1602	14.9	454			1536	17.2</												

## Balboa, Océano Pacífico 2019

### Horas y Niveles de Mareas Altas y Bajas

Octubre				Noviembre				Diciembre																					
Hora		Nivel		Hora		Nivel		Hora		Nivel		Hora		Nivel															
1 Mar	h	m	pies	cm	16 Mié	h	m	pies	cm	1 Vie	h	m	pies	cm	16 Sáb	h	m	pies	cm	1 Dom	h	m	pies	cm	16 Lun	h	m	pies	cm
	520	18.6	567	505		16.2	494	12	0.5		15	552	16.0	488		36	1.8	55	20		1.2	37							
	1132	-1.9	-58	1121		0.6	18	629	16.9		515	1213	0.8	24		651	15.4	469	625		16.0	488							
	1747	18.0	549	1727		15.5	472	1239	0.1		3	1823	15.4	469		1301	1.2	37	1242		0.2	6							
2350	-1.2	-37	2336	1.5	46	1900	16.2	494				1924	15.1	460	1858	15.8	482												
2 Mié	607	18.2	555	538	16.0	488	59	1.7	52	33	2.2	67	123	2.8	85	109	1.5	46											
	1217	-1.2	-37	1155	0.9	27	715	15.8	482	635	15.6	475	736	14.4	439	714	15.6	475											
	1834	17.4	530	1801	15.3	466	1327	1.4	43	1256	1.3	40	1348	2.3	70	1331	0.8	24											
							1948	15.1	460				1907	15.1	460	2010	14.3	436	1947	15.5	472								
3 Jue	35	-0.2	-6	11	2.0	61	149	2.9	88	121	2.8	85	214	3.7	113	204	2.0	61											
	654	17.3	527	613	15.7	479	803	14.6	445	722	15.1	460	822	13.4	408	807	15.0	457											
	1304	-0.1	-3	1232	1.4	43	1420	2.6	79	1346	2.0	61	1439	3.2	98	1426	1.4	43											
1922	16.3	497	1838	14.9	454	2040	14.1	430	1956	14.7	448	2059	13.6	415	2041	15.2	463												
4 Vie	124	1.2	37	50	2.6	79	246	4.0	122	217	3.3	101	311	4.3	131	304	2.3	70											
	741	16.1	491	650	15.2	463	857	13.4	408	816	14.4	439	915	12.6	384	907	14.3	436											
	1355	1.2	37	1313	2.1	64	1518	3.7	113	1444	2.6	79	1535	4.0	122	1527	2.0	61											
2013	15.1	460	1918	14.4	439	2140	13.2	402	2055	14.3	436	2155	13.1	399	2143	14.8	451												
5 Sáb	217	2.6	79	134	3.3	101	350	4.8	146	321	3.6	110	410	4.7	143	408	2.4	73											
	832	14.8	451	733	14.6	445	1003	12.5	381	921	13.9	424	1019	12.0	366	1015	13.9	424											
	1452	2.5	76	1402	2.8	85	1620	4.3	131	1548	3.0	91	1632	4.4	134	1630	2.4	73											
2109	13.9	424	2005	13.9	424	2251	12.8	390	2204	14.2	433	2257	12.9	393	2251	14.7	448												
6 Dom	317	3.8	116	229	4.0	122	456	5.1	155	430	3.5	107	509	4.7	143	513	2.3	70											
	932	13.5	411	825	14.0	427	1120	12.2	372	1037	13.7	418	1128	11.9	363	1128	13.8	421											
	1554	3.6	110	1501	3.3	101	1724	4.6	140	1655	3.0	91	1730	4.5	137	1735	2.5	76											
2218	13.0	396	2105	13.4	408	2359	12.9	393	2318	14.5	442	2356	13.1	399	2359	14.9	454												
7 Lun	423	4.7	143	336	4.3	131	600	4.9	149	538	3.0	91	608	4.3	131	619	1.9	58											
	1047	12.7	387	933	13.5	411	1227	12.5	381	1153	14.1	430	1228	12.3	375	1236	14.2	433											
	1701	4.2	128	1608	3.6	110	1824	4.4	134	1802	2.7	82	1827	4.4	134	1840	2.4	73											
2336	12.7	387	2222	13.4	408																								
8 Mar	533	5.0	152	448	4.2	128	53	13.4	408	25	15.2	463	47	13.5	411	100	15.3	466											
	1205	12.6	384	1056	13.5	411	658	4.3	131	643	2.1	64	703	3.7	113	721	1.3	40											
	1808	4.3	131	1719	3.4	104	1318	13.0	396	1257	14.9	454	1317	12.8	390	1335	14.7	448											
			2342	13.9	424	1918	4.0	122	1905	2.0	61	1921	3.9	119	1941	2.0	61												
9 Mié	44	13.0	396	600	3.5	107	136	14.1	430	122	16.1	491	130	14.1	430	155	15.8	482											
	640	4.7	143	1213	14.2	433	748	3.5	107	743	1.1	34	753	2.9	88	818	0.6	18											
	1307	12.9	393	1828	2.7	82	1400	13.6	415	1353	15.7	479	1400	13.5	411	1429	15.2	463											
1909	3.9	119	2006	3.3	101	2006	3.3	101	2003	1.3	40	2010	3.3	101	2037	1.5	46												
10 Jue	135	13.6	415	48	15.0	457	214	14.7	448	213	16.9	515	210	14.7	448	245	16.1	491											
	738	4.0	122	706	2.3	70	831	2.6	79	837	0.1	3	837	2.0	61	908	0.0	0											
	1355	13.5	411	1316	15.2	463	1437	14.3	436	1444	16.4	500	1440	14.1	430	1519	15.6	475											
2000	3.3	101	1931	1.7	52	2047	2.6	79	2055	0.6	18	2054	2.6	79	2126	1.0	30												
11 Vie	216	14.2	433	144	16.2	494	249	15.3	466	302	17.4	530	249	15.3	466	333	16.2	494											
	825	3.2	98	805	1.0	30	910	1.7	52	925	-0.7	-21	918	1.1	34	954	-0.5	-15											
	1435	14.1	430	1410	16.3	497	1513	14.8	451	1533	16.8	512	1520	14.7	448	1608	15.8	482											
2043	2.6	79	2026	0.6	18	2125	2.0	61	2142	0.1	3	2135	1.9	58	2211	0.8	24												
12 Sáb	252	14.9	454	234	17.3	527	323	15.8	482	349	17.6	536	329	15.8	482	420	16.2	494											
	904	2.3	70	856	-0.3	-9	946	1.0	30	1009	-1.1	-34	958	0.4	12	1036	-0.6	-18											
	1511	14.7	448	1501	17.2	524	1549	15.3	466	1621	17.0	518	1601	15.2	463	1654	15.9	485											
2120	1.9	58	2115	-0.3	-9	2202	1.6	49	2226	0.0	0	2215	1.4	43	2253	0.8	24												
13 Dom	326	15.4	469	322	18.0	549	358	16.1	491	436	17.4	530	410	16.1	491	505	15.9	485											
	940	1.5	46	943	-1.3	-40	1022	0.5	15	1052	-1.1	-34	1036	-0.1	-3	1116	-0.4	-12											
	1545	15.1	460	1550	17.8	543	1625	15.5	472	1709	16.8	512	1643	15.6	475	1738	15.8	482											
2155	1.4	43	2201	-0.9	-27	2237	1.4	43	2309	0.3	9	2255	1.1	34	2334	1.0	30												
14 Lun	359	15.9	485	410	18.4	561	434	16.3	497	522	17.0	518	453	16.3	497	549	15.5	472											
	1014	0.9	27	1028	-1.7	-52	1057	0.3	9	1134	-0.6	-18	1116	-0.3	-9	1155	0.0	0											
	1619	15.4	469	1638	17.9	546	1703	15.7	479	1755	16.5	503	1727	15.9	485	1820	15.5	472											
2229	1.2	37	2245	-0.9	-27	2314	1.5	46	2352	1.0	30	2352	1.0	30	2336	1.0	30												
15 Mar	432	16.1	491	457	18.3	558	512	16.2	494	607	16.3	497	538	16.2	494	15	1.5	46											
	1047	0.6	18	1111	-1.6	-49	1134	0.4	12	1216	0.2	6	1157	-0.2	-6	630	15.0	457											
	1653	15.6	475	1726	17.7	540	1742	15.6	475	1840	15.8	482	1812	15.9	485	1236	0.7	21											
2302	1.2	37	2328	-0.4	-12	2351	1.7	52							1900	15.1	460												
			31 Jue	543	17.8	543										31 Mar	57	2.1	64										
				1154	-1.0	-30											709	14.3	436										
				1813	17.0	518											1317	1.5	46										
																	1939	14.5	442										

recopilado por: AARH



Luna Nueva



Cuarto Creciente



Luna Llena



Cuarto Menguante