

Amador, Pacific Ocean 2024

Times and Heights of High and Low Waters



Station ID: AMA / (8.917133 N/-79.535161 W) / Station type: Harmonic (primary) / Time Zone: UTC -5h / Datum: MLWS

January				February				March															
Hour	Height			Hour	Height			Hour	Height			Hour	Height										
	h	m	ft	h	m	ft	h	m	ft	h	m	ft	h	m	ft	h	m	ft					
1 Mon	111	2.9	88	16 Tue	117	0.0	0	1 Thu	154	2.4	73	16 Fri	233	0.3	9	1 Fri	117	1.3	40	16 Sat	203	0.2	6
	708	13.7	418		725	15.4	469		748	12.8	390		840	13.5	411		718	13.1	399		816	13.5	411
	1320	2.3	70		1335	-0.3	-9		1400	2.6	79		1454	1.5	46		1324	2.0	61		1427	1.9	58
	1939	13.7	418		1958	16.1	491		2011	13.4	408		2104	14.0	427		1933	13.6	415		2033	13.6	415
2 Tue	152	3.3	101	17 Wed	209	0.5	15	2 Fri	234	2.8	85	17 Sat	327	1.5	46	2 Sat	154	1.8	55	17 Sun	256	1.7	52
	744	13.1	399		813	14.6	445		827	12.1	369		941	12.2	372		754	12.4	378		913	12.1	369
	1400	3.0	91		1427	0.7	21		1443	3.2	98		1553	2.8	85		1404	2.7	82		1527	3.2	98
	2016	13.4	408		2046	15.4	469		2049	12.8	390		2203	12.7	387		2009	13.0	396		2132	12.2	372
3 Wed	236	3.7	113	18 Thu	303	1.1	34	3 Sat	320	3.2	98	18 Sun	428	2.5	76	3 Sun	237	2.5	76	18 Mon	358	3.0	91
	824	12.4	378		907	13.5	411		915	11.4	347		1102	11.4	347		837	11.7	357		1032	11.2	341
	1445	3.6	110		1524	1.8	55		1532	3.8	116		1659	3.7	113		1452	3.5	107		1636	4.2	128
	2057	13.0	396		2138	14.5	442		2137	12.2	372		2322	11.8	360		2053	12.2	372		2252	11.2	341
4 Thu	324	4.0	122	19 Fri	401	1.8	55	4 Sun	413	3.5	107	19 Mon	539	3.3	101	4 Mon	329	3.1	94	19 Tue	513	3.8	116
	911	11.8	360		1014	12.6	384		1022	10.8	329		1226	11.2	341		938	10.9	332		1200	10.9	332
	1534	4.1	125		1624	2.7	82		1628	4.2	128		1815	4.2	128		1549	4.1	125		1754	4.5	137
	2143	12.6	384		2240	13.6	415		2241	11.8	360		2156	11.6	354		2156	11.6	354		2156	11.6	354
5 Fri	415	4.2	128	20 Sat	501	2.4	73	5 Mon	515	3.7	113	20 Tue	43	11.6	354	5 Tue	435	3.6	110	20 Wed	21	11.1	338
	1012	11.3	344		1134	12.0	366		1145	10.8	329		700	3.3	101		1103	10.7	326		636	3.8	116
	1627	4.5	137		1728	3.4	104		1733	4.4	134		1335	11.5	351		1659	4.3	131		1311	11.3	344
	2239	12.3	375		2351	13.0	396		2359	11.8	360		1934	3.9	119		2322	11.4	347		1914	4.2	128
6 Sat	510	4.1	125	21 Sun	608	2.7	82	6 Tue	626	3.4	104	21 Wed	150	12.0	366	6 Wed	553	3.5	107	21 Thu	131	11.6	354
	1128	11.1	338		1249	12.1	369		1256	11.3	344		811	2.7	82		1224	11.3	344		747	3.3	101
	1723	4.6	140		1837	3.7	113		1846	4.1	125		1429	12.1	369		1821	4.1	125		1405	12.0	366
	2343	12.3	375		1947	3.5	107		2000	3.2	98		2038	3.2	98		2038	3.2	98		2016	3.5	107
7 Sun	609	3.8	116	22 Mon	101	12.9	393	7 Wed	109	12.4	378	22 Thu	244	12.6	384	7 Thu	44	12.0	366	22 Fri	223	12.2	372
	1237	11.5	351		718	2.7	82		739	2.6	79		903	1.9	58		713	2.7	82		837	2.5	76
	1822	4.5	137		1350	12.4	378		1354	12.3	375		1515	12.7	387		1330	12.4	378		1448	12.7	387
					1947	3.5	107		2000	3.2	98		2126	2.4	73		1942	3.0	91		2102	2.6	79
8 Mon	44	12.7	387	23 Tue	201	13.1	399	8 Thu	210	13.3	405	23 Fri	328	13.2	402	8 Fri	151	13.1	399	23 Sat	305	12.9	393
	710	3.3	101		824	2.2	67		840	1.3	40		943	1.2	37		817	1.3	40		916	1.8	55
	1333	12.2	372		1443	12.8	390		1448	13.4	408		1555	13.3	405		1426	13.8	421		1525	13.3	405
	1924	4.0	122		2049	3.0	91		2102	1.9	58		2205	1.7	52		2045	1.5	46		2140	1.8	55
9 Tue	139	13.3	405	24 Wed	254	13.4	408	9 Fri	305	14.4	439	24 Sat	406	13.6	415	9 Sat	248	14.4	439	24 Sun	341	13.4	408
	809	2.4	73		917	1.5	46		931	0.0	0		1018	0.7	21		909	-0.2	-6		949	1.3	40
	1422	13.0	396		1530	13.3	405		1539	14.6	445		1631	13.8	421		1517	15.2	463		1558	13.9	424
	2023	3.3	101		2140	2.4	73		2154	0.5	15		2240	1.1	34		2136	-0.2	-6		2213	1.1	34
10 Wed	231	14.0	427	25 Thu	341	13.8	421	10 Sat	357	15.4	469	25 Sun	441	14.0	427	10 Sun	340	15.5	472	25 Mon	414	13.9	424
	901	1.4	43		1000	0.9	27		1016	-1.3	-40		1049	0.4	12		954	-1.5	-46		1019	1.0	30
	1509	13.8	421		1613	13.6	415		1629	15.8	482		1703	14.2	433		1606	16.4	500		1629	14.4	439
	2117	2.3	70		2222	1.8	55		2240	-0.7	-21		2312	0.8	24		2221	-1.5	-46		2243	0.6	18
11 Thu	321	14.8	451	26 Fri	423	14.1	430	11 Sun	447	16.1	491	26 Mon	513	14.2	433	11 Mon	429	16.3	497	26 Tue	445	14.2	433
	948	0.3	9		1038	0.5	15		1059	-2.1	-64		1119	0.4	12		1037	-2.3	-70		1048	0.8	24
	1557	14.6	445		1653	13.9	424		1718	16.7	509		1733	14.4	439		1653	17.3	527		1659	14.7	448
	2207	1.3	40		2300	1.5	46		2325	-1.5	-46		2342	0.7	21		2305	-2.4	-73		2312	0.4	12
12 Fri	411	15.4	469	27 Sat	501	14.3	436	12 Mon	535	16.5	503	27 Tue	544	14.2	433	12 Tue	515	16.6	506	27 Wed	516	14.3	436
	1032	-0.6	-18		1113	0.4	12		1142	-2.3	-70		1147	0.5	15		1120	-2.4	-73		1117	0.8	24
	1646	15.3	466		1730	14.2	433		1804	17.1	521		1802	14.5	442		1737	17.6	536		1729	14.8	451
	2254	0.5	15		2336	1.4	43										2348	-2.6	-79		2342	0.3	9
13 Sat	501	15.9	485	28 Sun	536	14.3	436	13 Tue	10	-1.8	-55	28 Wed	12	0.7	21	13 Wed	559	16.5	503	28 Thu	547	14.2	433
	1116	-1.2	-37		1145	0.5	15		620	16.3	497		614	14.0	427		1203	-1.9	-58		1148	1.1	34
	1736	15.9	485		1803	14.3	436		1226	-2.0	-61		1217	0.9	27		1821	17.2	524		1759	14.7	448
	2340	0.0	0						1848	17.1	521		1832	14.4	439								
14 Sun	550	16.1	491	29 Mon	9	1.5	46	14 Wed	56	-1.5	-46	29 Thu	43	0.9	27	14 Thu	31	-2.1	-64	29 Fri	12	0.5	15
	1200	-1.3	-40		609	14.1	430		705	15.7	479		645	13.7	418		643	15.9	485		620	14.0	427
	1824	16.3	497		1217	0.9	27		1311	-1.1	-34		1249	1.4	43		1247	-0.9	-27		1220	1.5	46
					1835	14.3	436		1931	16.5	503		1902	14.1	430		1903	16.3	497		1831	14.4	439
15 Mon	28	-0.2	-6	30 Tue	43	1.7	52	15 Thu	143	-0.8	-24	15 Fri	115	-1.1	-34	15 Fri	115	-1.1	-34	30 Sat	46	0.9	27
	637	16.0	488		641	13.8	421		751	14.7	448		728	14.8	451		728	14.8	451		654	13.5	411
	1246	-1.0	-30		1248	1.3	40		1400	0.2	6		1335	0.5	15		1335	0.5	15		1256	2.1	64
	1911	16.4	500		1906	14.1	430		2015	15.4	469		1946	15.0	457		1946	15.0	457		1904	13.9	424
			31 Wed	117	2.0	61										31 Sun	123	1.5	46				
				714	13.4	408											731	12.9	393				
				1322	1.9	58											1337	2.8	85				
				1938	13.8	421											1942	13.2	402				

Amador, Pacific Ocean 2024

Times and Heights of High and Low Waters

Station ID: AMA / (8.917133 N/-79.535161 W) / Station type: Harmonic (primary) / Time Zone: UTC -5h / Datum: MLWS

April				May				June															
Hour	Height		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 Mon 	207	2.3	70	16 Tue	332	3.4	104	1 Wed 	248	3.1	94	16 Thu	407	4.2	128	1 Sat	445	3.0	91	16 Sun	509	4.8	146
	816	12.1	369		1002	11.6	354		911	12.6	384		1031	12.2	372		1105	14.4	439		1125	12.7	387
	1427	3.5	107		1613	4.5	137		1522	4.1	125		1648	4.9	149		1724	3.0	91		1749	4.6	140
	2028	12.5	381		2218	11.4	347		2123	12.5	381		2249	11.5	351		2339	13.2	402				
2 Tue	302	3.1	94	17 Wed	444	4.1	125	2 Thu	357	3.4	104	17 Fri	510	4.5	137	2 Sun	547	2.9	88	17 Mon	8	11.8	360
	917	11.5	351		1122	11.4	347		1022	12.7	387		1135	12.3	375		1207	14.9	454		601	4.8	146
	1529	4.1	125		1726	4.8	146		1635	4.1	125		1750	4.7	143		1826	2.4	73		1221	12.9	393
	2132	11.8	360		2344	11.1	338		2242	12.4	378										1843	4.2	128
3 Wed	411	3.6	110	18 Thu	559	4.2	128	3 Fri	509	3.3	101	18 Sat	4	11.6	354	3 Mon	48	13.7	418	18 Tue	105	12.2	372
	1038	11.4	347		1232	11.7	357		1133	13.3	405		609	4.5	137		648	2.6	79		653	4.7	143
	1643	4.3	131		1838	4.5	137		1747	3.5	107		1231	12.6	384		1305	15.4	469		1311	13.3	405
	2259	11.7	357										1848	4.3	131		1927	1.7	52		1936	3.7	113
4 Thu	530	3.5	107	19 Fri	56	11.5	351	4 Sat	3	12.8	390	19 Sun	105	12.0	366	4 Tue	146	14.4	439	19 Wed	152	12.7	387
	1158	12.0	366		704	3.9	119		617	2.7	82		702	4.3	131		747	2.2	67		745	4.4	134
	1805	3.9	119		1326	12.3	375		1237	14.3	436		1318	13.1	399		1358	15.8	482		1356	13.7	418
					1939	3.9	119		1855	2.5	76		1939	3.7	113		2023	0.9	27		2024	3.0	91
5 Fri	24	12.3	375	20 Sat	150	12.1	369	5 Sun	111	13.7	418	20 Mon	151	12.6	384	5 Wed	238	15.0	457	20 Thu	234	13.3	405
	646	2.7	82		756	3.4	104		718	1.9	58		749	3.9	119		842	1.8	55		834	3.9	119
	1305	13.2	402		1408	12.9	393		1332	15.3	466		1359	13.6	415		1449	16.0	488		1440	14.2	433
	1921	2.8	85		2027	3.1	94		1955	1.3	40		2024	3.0	91		2114	0.3	9		2109	2.3	70
6 Sat	132	13.3	405	21 Sun	232	12.8	390	6 Mon	207	14.6	445	21 Tue	231	13.2	402	6 Thu	327	15.4	469	21 Fri	316	13.8	421
	749	1.5	46		837	2.9	88		813	1.1	34		831	3.5	107		934	1.5	46		920	3.3	101
	1401	14.6	445		1445	13.6	415		1423	16.2	494		1436	14.1	430		1539	16.1	491		1524	14.7	448
	2022	1.2	37		2106	2.3	70		2047	0.0	0		2103	2.3	70		2202	0.0	0		2151	1.5	46
7 Sun	229	14.5	442	22 Mon	308	13.4	408	7 Tue	258	15.5	472	22 Wed	308	13.7	418	7 Fri	415	15.5	472	22 Sat	358	14.3	436
	842	0.2	6		913	2.4	73		904	0.4	12		909	3.1	94		1023	1.4	43		1005	2.7	82
	1451	15.9	485		1518	14.1	430		1511	16.8	512		1513	14.5	442		1628	16.0	488		1608	15.1	460
	2113	-0.4	-12		2140	1.6	49		2135	-0.9	-27		2139	1.6	49		2247	0.0	0		2231	1.0	30
8 Mon	319	15.6	475	23 Tue	342	13.9	424	8 Wed	345	16.0	488	23 Thu	344	14.1	430	8 Sat	502	15.4	469	23 Sun	443	14.7	448
	929	-0.9	-27		945	2.0	61		951	0.0	0		947	2.7	82		1109	1.5	46		1048	2.2	67
	1539	16.9	515		1551	14.5	442		1558	17.0	518		1550	14.8	451		1716	15.7	479		1655	15.4	469
	2159	-1.6	-49		2211	1.0	30		2220	-1.3	-40		2214	1.1	34		2330	0.3	9		2312	0.6	18
9 Tue	407	16.3	497	24 Wed	415	14.2	433	9 Thu	431	16.2	494	24 Fri	422	14.4	439	9 Sun	550	15.1	460	24 Mon	530	15.0	457
	1014	-1.4	-43		1017	1.7	52		1037	0.0	0		1024	2.4	73		1155	1.9	58		1132	1.9	58
	1625	17.5	533		1623	14.8	451		1645	16.8	512		1629	15.0	457		1802	15.2	463		1742	15.5	472
	2242	-2.3	-70		2242	0.6	18		2303	-1.2	-37		2250	0.8	24		2250	0.8	24		2354	0.5	15
10 Wed	453	16.6	506	25 Thu	448	14.4	439	10 Fri	517	16.0	488	25 Sat	501	14.6	445	10 Mon	13	0.9	27	25 Tue	618	15.3	466
	1057	-1.5	-46		1049	1.6	49		1123	0.4	12		1102	2.2	67		637	14.7	448		1218	1.8	55
	1710	17.4	530		1656	15.0	457		1732	16.3	497		1710	15.1	460		1240	2.5	76		1829	15.5	472
	2324	-2.3	-70		2314	0.4	12		2346	-0.7	-21		2327	0.8	24		1845	14.7	448				
11 Thu	537	16.4	500	26 Fri	522	14.4	439	11 Sat	604	15.4	469	26 Sun	542	14.6	445	11 Tue	57	1.7	52	26 Wed	39	0.7	21
	1141	-0.9	-27		1122	1.7	52		1208	1.2	37		1143	2.3	70		722	14.2	433		706	15.5	472
	1754	16.9	515		1731	14.9	454		1817	15.5	472		1752	15.0	457		1327	3.2	98		1308	1.9	58
					2347	0.6	18										1927	14.0	427		1916	15.2	463
12 Fri	7	-1.7	-52	27 Sat	558	14.3	436	12 Sun	30	0.3	9	27 Mon	7	1.0	30	12 Wed	142	2.6	79	27 Thu	128	1.1	34
	622	15.7	479		1158	2.0	61		651	14.7	448		627	14.5	442		806	13.8	421		754	15.6	475
	1226	0.0	0		1807	14.6	445		1256	2.1	64		1227	2.5	76		1416	3.8	116		1401	2.1	64
	1838	15.9	485						1903	14.6	445		1837	14.8	451		2010	13.3	405		2005	14.8	451
13 Sat	50	-0.6	-18	28 Sun	22	1.0	30	13 Mon	116	1.4	43	28 Tue	51	1.5	46	13 Thu	231	3.4	104	28 Fri	221	1.7	52
	707	14.8	451		637	13.9	424		740	13.8	421		715	14.3	436		850	13.4	408		843	15.4	469
	1313	1.3	40		1237	2.4	73		1347	3.1	94		1316	2.9	88		1508	4.3	131		1457	2.4	73
	1922	14.7	448		1846	14.2	433		1949	13.6	415		1924	14.4	439		2056	12.6	384		2058	14.1	430
14 Sun	137	0.8	24	29 Mon	103	1.6	49	14 Tue	207	2.6	79	29 Wed	141	2.0	61	14 Fri	322	4.0	122	29 Sat	318	2.2	67
	756	13.6	415		719	13.4	408		832	13.1	399		806	14.1	430		937	13.0	396		936	15.2	463
	1405	2.6	79		1322	3.0	91		1443	4.0	122		1412	3.3	101		1601	4.6	140		1556	2.5	76
	2009	13.4	408		1929	13.7	418		2039	12.7	387		2015	13.9	424		2151	12.0	366		2201	13.5	411
15 Mon	229	2.2	67	30 Tue	150	2.4	73	15 Wed	304	3.6	110	30 Thu	238	2.5	76	15 Sat	416	4.5	137	30 Sun	418	2.7	82
	852	12.4	378		810	12.9	393		928	12.5	381		902	14.1	430		1029	12.8	390		1034	14.9	454
	1505	3.7	113		1416	3.7	113		1545	4.6	140		1515	3.5	107		1655	4.7	143		1656	2.6	79
	2105	12.2	372		2019	13.0	396		2138	11.9	363		2114	13.4	408		2258	11.7	357		2315	13.2	402
									31 Fri	341	2.9	88											
										1002	14.1	430											
										1619	3.4	104											
										2224	13.1	399											

Source: Panama Canal (HIAM)

Jorge F. Rodríguez C



Amador, Pacific Ocean 2024

Times and Heights of High and Low Waters

Station ID: AMA / (8.917133 N/-79.535161 W) / Station type: Harmonic (primary) / Time Zone: UTC -5h / Datum: MLWS

July				August				September																					
Hour	Height			Hour	Height			Hour	Height			Hour	Height																
	h	m	ft	cm	Hour	h	m	ft	cm	Hour	h	m	ft	cm	Hour	h	m	ft	cm										
1 Mon	518	3.1	94		16 Tue	502	5.0	152		1 Thu	118	12.9	393		16 Fri	37	11.7	357		1 Sun	254	13.7	418		16 Mon	202	14.1	430	
	1138	14.6	445			1121	12.5	381			712	4.0	122			624	5.1	155			905	3.0	91			819	2.8	85	
	1757	2.6	79			1746	4.5	137			1333	13.7	418			1251	12.6	384			1510	14.2	433			1425	14.7	448	
2 Tue	27	13.3	405		17 Wed	15	11.6	354		2 Fri	215	13.4	408		17 Sat	136	12.5	381		2 Mon	336	14.3	436		17 Tue	251	15.6	475	
	621	3.3	101			559	5.1	155			821	3.6	110			738	4.4	134			946	2.3	70			910	1.2	37	
	1242	14.6	445			1224	12.7	387			1430	14.0	427			1351	13.5	411			1549	14.6	445			1514	15.9	485	
3 Wed	1901	2.4	73		1847	4.2	128		2053	2.2	67		18 Sun	227	13.6	415		3 Tue	413	14.8	451		18 Wed	337	16.9	515			
	129	13.7	418		114	12.1	369		307	13.8	421			841	3.3	101			1023	1.7	52			955	-0.3	-9			
	725	3.3	101		700	4.9	149		917	2.9	88			1444	14.5	442			1625	14.9	454			1601	16.8	512			
4 Thu	1341	14.7	448		1949	3.5	107		2141	1.5	46		19 Mon	316	14.8	451		4 Wed	446	15.1	460		19 Thu	422	17.8	543			
	204	2.0	61		203	12.8	390		354	14.3	436			1056	1.4	43			1038	-1.3	-40								
	224	14.1	430		803	4.3	131		1003	2.3	70			1534	15.5	472			1658	15.1	460								
5 Fri	1436	14.9	454		2043	2.6	79		2221	1.0	30		20 Tue	404	15.9	485		5 Thu	517	15.3	466		20 Fri	507	18.3	558			
	2101	1.5	46		1913	13.8	421		1606	14.8	451			2154	0.2	6			2304	1.2	37			1121	-1.8	-55			
	315	14.5	442		250	13.5	411		437	14.7	448			404	15.9	485			1128	1.3	40			1731	17.4	530			
6 Sat	924	2.5	76		2131	1.6	49		2258	0.8	24		21 Wed	451	16.9	515		6 Fri	547	15.2	463		21 Sat	552	18.1	552			
	1528	15.1	460		859	3.5	107		1044	1.9	58			1101	-0.4	-12			1158	1.4	43			1204	-1.5	-46			
	2151	1.0	30		1503	14.5	442		1647	15.0	457			1709	16.9	515			1800	14.8	451			1816	16.9	515			
7 Sun	1617	15.3	466		2214	0.7	21		2332	1.0	30		22 Thu	536	17.6	536		7 Sat	3	1.8	55		22 Sun	21	-0.3	-9			
	2235	0.7	21		338	14.3	436		516	14.9	454			616	15.1	460			636	17.4	530								
	451	14.8	451		949	2.5	76		1121	1.7	52			1228	1.8	55			1248	-0.7	-21								
8 Mon	1703	15.3	466		2256	-0.1	-3		1758	14.9	454		23 Fri	0	-1.1	-34		8 Sun	34	2.4	73		23 Mon	108	0.9	27			
	2316	0.7	21		426	15.1	460		5	1.3	40			621	17.8	543			646	14.7	448			722	16.2	494			
	451	14.8	451		1035	1.6	49		624	15.0	457			1229	-0.9	-27			1301	2.3	70			1336	0.6	18			
9 Tue	1745	15.1	460		1640	15.8	482		1831	14.6	445		24 Sat	44	-0.5	-15		9 Mon	108	3.1	94		24 Tue	201	2.3	70			
	2355	1.0	30		601	16.5	503		38	1.9	58			718	14.1	430			1429	2.1	64								
	618	14.8	451		1205	0.5	15		655	14.8	451			1315	-0.3	-9			1939	13.1	399			2050	13.4	408			
10 Wed	1824	14.8	451		1815	16.3	497		1904	14.1	430		25 Sun	132	0.6	18		10 Tue	147	3.8	116		25 Wed	302	3.6	110			
	33	1.5	46		22	-0.4	-12		111	2.6	79			753	13.5	411			911	13.3	405								
	656	14.7	448		647	16.8	512		726	14.4	439			1418	3.6	110			1533	3.5	107								
11 Thu	1302	2.7	82		1900	16.1	491		1937	13.5	411		26 Mon	225	1.9	58		11 Wed	233	4.6	140		26 Thu	413	4.6	140			
	1901	14.3	436		108	0.1	3		148	3.3	101			837	15.2	463			1509	4.3	131			1649	4.3	131			
	112	2.2	67		732	16.7	509		759	13.9	424			1457	1.8	55			2120	11.6	354			2335	12.1	369			
12 Fri	1937	13.7	418		1947	15.4	469		2015	12.8	390		27 Tue	324	3.1	94		12 Thu	331	5.2	158		27 Fri	532	5.0	152			
	151	3.0	91		158	0.9	27		229	4.0	122			936	13.9	424			937	12.1	369			1201	12.2	372			
	808	14.0	427		817	16.3	497		835	13.3	405			1558	3.0	91			1614	4.8	146			1811	4.4	134			
13 Sat	1425	3.7	113		2037	14.6	445		2101	12.0	366		28 Wed	431	4.1	125		13 Fri	440	5.4	165		28 Sat	49	12.5	381			
	2015	13.1	399		252	1.8	55		316	4.6	140			1103	11.9	363			1313	12.6	384								
	234	3.7	113		907	15.5	472		921	12.7	387			1709	3.8	116			1923	3.9	119								
14 Sun	2059	12.4	378		2136	13.6	415		2204	11.4	347		29 Thu	546	4.6	140		14 Sat	4	11.8	360		29 Sun	145	13.1	399			
	320	4.3	131		350	2.8	85		411	5.1	155			559	5.2	158			753	4.0	122								
	927	13.1	399		1004	14.5	442		1023	12.2	372			1225	12.4	378			1406	13.3	405								
15 Mon	1558	4.4	134		1626	2.6	79		1655	4.6	140		30 Fri	108	12.5	381		15 Sun	109	12.8	390		30 Mon	230	13.8	421			
	2153	11.8	360		2250	12.9	393		2325	11.3	344			705	4.5	137			717	4.3	131			842	3.1	94			
	410	4.7	143		453	3.5	107		513	5.3	162			1327	13.0	396			1330	13.5	411			1449	13.9	424			
31 Wed	1650	4.5	137		1731	3.1	94		1805	4.5	137		31 Sat	206	13.0	396		31 Sun	1953	2.8	85		31 Mon	2057	2.5	76			
	2304	11.5	351		10	12.7	387							206	13.0	396			206	13.0	396			2057	2.5	76			
					600	4.0	122							813	3.8	116			813	3.8	116								

Source: Panama Canal (HIAM)

Jorge F. Rodriguez C



New Moon



First Quarter



Full Moon



Last Quarter

Amador, Pacific Ocean 2024

Times and Heights of High and Low Waters

Station ID: AMA / (8.917133 N-79.535161 W) / Station type: Harmonic (primary) / Time Zone: UTC -5h / Datum: MLWS

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 Tue	307	14.4	439	16 Wed	221	16.3	497	1 Fri	335	15.0	457	16 Sat	329	17.4	530	1 Sun	337	14.6	445	16 Mon	404	16.2	494
	921	2.3	70		844	0.8	24		956	1.6	49		953	-1.0	-30		1001	1.5	46		1025	-0.5	-15
	1525	14.4	439		1451	16.0	488		1601	14.7	448		1604	16.7	509		1608	14.4	439		1640	15.7	479
	2132	2.1	64		2101	0.4	12		2204	2.5	76		2212	0.3	9		2212	2.8	85		2248	0.9	27
2 Wed	340	14.9	454	17 Thu	308	17.4	530	2 Sat	406	15.2	463	17 Sun	417	17.4	530	2 Mon	414	14.9	454	17 Tue	454	16.0	488
	956	1.7	52		931	-0.6	-18		1027	1.3	40		1038	-1.2	-37		1036	1.2	37		1110	-0.4	-12
	1558	14.8	451		1538	16.9	515		1633	14.9	454		1651	16.7	509		1645	14.6	445		1729	15.6	475
	2204	1.8	55		2146	-0.4	-12		2235	2.4	73		2259	0.4	12		2249	2.5	76		2335	1.1	34
3 Thu	411	15.2	463	18 Fri	354	18.1	552	3 Sun	439	15.2	463	18 Mon	506	17.0	518	3 Tue	453	15.0	457	18 Wed	542	15.7	479
	1027	1.3	40		1015	-1.5	-46		1058	1.2	37		1123	-0.8	-24		1111	1.0	30		1153	0.0	0
	1630	15.0	457		1624	17.3	527		1706	14.9	454		1739	16.3	497		1725	14.6	445		1817	15.3	466
	2234	1.7	52		2230	-0.7	-21		2307	2.5	76		2346	0.9	27		2327	2.5	76				
4 Fri	441	15.4	469	19 Sat	440	18.2	555	4 Mon	513	15.1	460	19 Tue	554	16.3	497	4 Wed	533	14.9	454	19 Thu	20	1.5	46
	1057	1.1	34		1058	-1.8	-55		1129	1.3	40		1207	0.0	0		1148	1.2	37		627	15.2	463
	1700	15.1	460		1709	17.3	527		1740	14.7	448		1829	15.6	475		1806	14.6	445		1237	0.7	21
	2303	1.9	58		2315	-0.4	-12		2341	2.7	82										1902	14.9	454
5 Sat	511	15.4	469	20 Sun	526	17.8	543	5 Tue	548	14.9	454	20 Wed	34	1.8	55	5 Thu	7	2.6	79	20 Fri	107	2.2	67
	1126	1.2	37		1141	-1.4	-43		1203	1.7	52		642	15.4	469		615	14.8	451		709	14.5	442
	1731	14.9	454		1755	16.8	512		1818	14.3	436		1254	1.1	34		1228	1.5	46		1321	1.6	49
	2333	2.1	64										1919	14.8	451		1851	14.5	442		1945	14.3	436
6 Sun	541	15.2	463	21 Mon	1	0.3	9	6 Wed	18	3.1	94	21 Thu	125	2.8	85	6 Fri	52	2.8	85	21 Sat	154	2.9	88
	1156	1.4	43		612	16.9	515		626	14.5	442		731	14.4	439		658	14.4	439		751	13.6	415
	1803	14.6	445		1225	-0.4	-12		1241	2.2	67		1344	2.2	67		1312	2.0	61		1407	2.5	76
					1843	15.9	485		1859	13.9	424		2011	14.0	427		1937	14.3	436		2027	13.8	421
7 Mon	4	2.6	79	22 Tue	49	1.5	46	7 Thu	100	3.7	113	22 Fri	221	3.7	113	7 Sat	142	3.2	98	22 Sun	244	3.5	107
	613	14.8	451		659	15.8	482		707	13.9	424		821	13.4	408		745	14.0	427		835	12.8	390
	1227	1.9	58		1312	1.0	30		1325	3.0	91		1441	3.3	101		1404	2.5	76		1457	3.4	104
	1836	14.1	430		1934	14.8	451		1946	13.4	408		2107	13.3	405		2027	14.2	433		2111	13.2	402
8 Tue	38	3.1	94	23 Wed	142	2.7	82	8 Fri	151	4.2	128	23 Sat	323	4.4	134	8 Sun	239	3.4	104	23 Mon	336	4.0	122
	646	14.3	436		750	14.5	442		754	13.4	408		918	12.5	381		837	13.5	411		925	11.9	363
	1302	2.6	79		1406	2.4	73		1418	3.7	113		1543	4.2	128		1502	2.9	88		1550	4.2	128
	1913	13.5	411		2031	13.6	415		2042	13.0	396		2207	12.8	390		2121	14.1	430		2200	12.7	387
9 Wed	117	3.8	116	24 Thu	243	3.9	119	9 Sat	253	4.7	143	24 Sun	426	4.7	143	9 Mon	341	3.4	104	24 Tue	430	4.3	131
	724	13.6	415		847	13.2	402		852	12.8	390		1028	11.9	363		938	13.0	396		1029	11.4	347
	1344	3.4	104		1509	3.7	113		1524	4.1	125		1647	4.6	140		1604	3.2	98		1644	4.7	143
	1957	12.8	390		2141	12.7	387		2147	13.0	396		2312	12.7	387		2221	14.2	433		2257	12.4	378
10 Thu	205	4.6	140	25 Fri	353	4.7	143	10 Sun	403	4.7	143	25 Mon	528	4.7	143	10 Tue	444	3.2	98	25 Wed	526	4.3	131
	808	12.9	393		1000	12.3	375		1004	12.5	381		1146	11.8	360		1052	12.8	390		1146	11.2	341
	1437	4.2	128		1622	4.5	137		1635	4.1	125		1748	4.8	146		1707	3.2	98		1739	4.9	149
	2055	12.2	372		2300	12.4	378		2257	13.4	408						2325	14.5	442		2359	12.3	375
11 Fri	306	5.1	155	26 Sat	506	5.0	152	11 Mon	514	4.2	128	26 Tue	12	12.8	390	11 Wed	548	2.7	82	26 Thu	623	4.2	128
	909	12.3	375		1126	12.0	366		1126	12.8	390		627	4.4	134		1209	13.2	402		1251	11.5	351
	1545	4.7	143		1737	4.7	143		1742	3.7	113		1252	12.1	369		1810	3.0	91		1835	4.9	149
	2212	11.9	363										1843	4.7	143								
12 Sat	419	5.3	162	27 Sun	12	12.6	384	12 Tue	2	14.3	436	27 Wed	103	13.2	402	12 Thu	27	14.9	454	27 Fri	56	12.5	381
	1031	12.1	369		616	4.8	146		621	3.3	101		721	3.9	119		650	2.0	61		720	3.8	116
	1703	4.7	143		1241	12.3	375		1239	13.6	415		1341	12.6	384		1314	13.9	424		1342	12.0	366
	2331	12.4	378		1843	4.4	134		1844	2.9	88		1933	4.4	134		1912	2.6	79		1932	4.6	140
13 Sun	538	4.9	149	28 Mon	108	13.1	399	13 Wed	100	15.3	466	28 Thu	146	13.6	415	13 Fri	126	15.4	469	28 Sat	145	12.9	393
	1158	12.6	384		718	4.2	128		722	2.1	64		808	3.3	101		751	1.2	37		813	3.1	94
	1817	4.0	122		1336	12.9	393		1338	14.6	445		1421	13.2	402		1409	14.6	445		1425	12.6	384
					1936	4.0	122		1941	2.0	61		2018	4.0	122		2012	2.1	64		2024	4.1	125
14 Mon	38	13.5	411	29 Tue	153	13.7	418	14 Thu	152	16.3	497	29 Fri	224	14.0	427	14 Sat	220	15.8	482	29 Sun	230	13.4	408
	651	3.9	119		807	3.5	107		817	0.8	24		849	2.6	79		847	0.4	12		858	2.4	73
	1306	13.6	415		1419	13.5	411		1429	15.6	475		1457	13.7	418		1500	15.2	463		1506	13.2	402
	1920	2.8	85		2020	3.5	107		2034	1.2	37		2058	3.6	110		2108	1.5	46		2111	3.4	104
15 Tue	132	14.9	454	30 Wed	230	14.2	433	15 Fri	241	17.0	518	30 Sat	300	14.3	436	15 Sun	312	16.1	491	30 Mon	313	13.9	424
	752	2.4	73		848	2.7	82		906	-0.3	-9		926	2.0	61		938	-0.2	-6		939	1.6	49
	1402	14.8	451		1456	14.0	427		1517	16.3	497		1532	14.1	430		1550	15.6	475		1546	13.7	418
	2013	1.5	46		2058	3.1	94		2124	0.6	18		2136	3.1	94		2200	1.1	34		2154	2.7	82
			31 Thu	303	14.7	448										31 Tue	356	14.4	439				
				924	2.1	64											1018	0.9	27				
				1529	14.5	442											1628	14.2	433				
				2132	2.7	82											2235	2.1	64				

Source: Panama Canal (HIAM)

Jorge F. Rodriguez C



New Moon