



**SECRETARIA DE MARINA ARMADA DE MEXICO
TABLAS NUMERICAS DE PREDICCION DE MAREAS**

[MENU](#) [MAPA](#)

| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | ENERO 2009 | | | |
|-----------|------------------|-------|--------|--------------------|------------------|-------|--------|------------|------------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 1 | 0422 | 12.21 | 3.72 | 11 | 0207 | 17.47 | 5.32 | 21 | 0018 | 10.74 | 3.27 |
| | 1035 | 1.84 | 0.56 | | 0818 | -1.51 | -0.46 | | 0636 | 3.57 | 1.09 |
| | 1626 | 9.61 | 2.93 | | 1405 | 13.74 | 4.19 | | 1146 | 7.79 | 2.37 |
| | 2222 | 1.19 | 0.36 | | 2014 | -5.51 | -1.68 | | 1758 | 0.86 | 0.26 |
| Viernes | | | | Lunes | | | | Jueves | | | |
| 2 | 0454 | 11.39 | 3.47 | 12 | 0248 | 17.35 | 5.29 | 22 | 0043 | 11.73 | 3.58 |
| | 1116 | 2.08 | 0.63 | | 0858 | -1.85 | -0.56 | | 0658 | 2.76 | 0.84 |
| | 1714 | 9.09 | 2.77 | | 1450 | 13.75 | 4.19 | | 1216 | 8.71 | 2.65 |
| | 2307 | 2.54 | 0.77 | | 2056 | -4.74 | -1.45 | | 1824 | -0.21 | -0.06 |
| Sábado | | | | Martes | | | | Viernes | | | |
| 3 | 0533 | 10.50 | 3.20 | 13 | 0327 | 16.56 | 5.05 | 23 | 0104 | 12.58 | 3.83 |
| | 1206 | 2.22 | 0.68 | | 0938 | -1.72 | -0.52 | | 0714 | 2.04 | 0.62 |
| | 1822 | 8.70 | 2.65 | | 1535 | 13.19 | 4.02 | | 1241 | 9.66 | 2.94 |
| | | | | | 2137 | -3.24 | -0.99 | | 1849 | -1.22 | -0.37 |
| Domingo | Cuarto Creciente | | | Miércoles | | | | Sábado | | | |
| 4 | 0010 | 3.89 | 1.18 | 14 | 0405 | 15.20 | 4.63 | 24 | 0125 | 13.33 | 4.06 |
| | 0626 | 9.59 | 2.92 | | 1017 | -1.15 | -0.35 | | 0731 | 1.31 | 0.40 |
| | 1311 | 2.13 | 0.65 | | 1619 | 12.15 | 3.70 | | 1307 | 10.60 | 3.23 |
| | 2002 | 8.89 | 2.71 | | 2217 | -1.20 | -0.37 | | 1913 | -2.08 | -0.63 |
| Lunes | | | | Jueves | | | | Domingo | | | |
| 5 | 0146 | 4.83 | 1.47 | 15 | 0441 | 13.45 | 4.10 | 25 | 0147 | 13.95 | 4.25 |
| | 0745 | 8.91 | 2.72 | | 1057 | -0.22 | -0.07 | | 0751 | 0.58 | 0.18 |
| | 1436 | 1.55 | 0.47 | | 1706 | 10.79 | 3.29 | | 1334 | 11.41 | 3.48 |
| | 2149 | 10.15 | 3.09 | | 2258 | 1.10 | 0.34 | | 1939 | -2.67 | -0.81 |
| Martes | | | | Viernes | | | | Lunes | Luna Nueva | | |
| 6 | 0353 | 4.56 | 1.39 | 16 | 0516 | 11.50 | 3.50 | 26 | 0211 | 14.39 | 4.39 |
| | 0921 | 8.94 | 2.73 | | 1138 | 0.93 | 0.28 | | 0814 | -0.04 | -0.01 |
| | 1600 | 0.26 | 0.08 | | 1801 | 9.33 | 2.84 | | 1402 | 11.99 | 3.65 |
| | 2259 | 12.06 | 3.68 | | 2345 | 3.41 | 1.04 | | 2005 | -2.89 | -0.88 |
| Miércoles | | | | Sábado | Cuarto Menguante | | | Martes | | | |
| 7 | 0511 | 3.31 | 1.01 | 17 | 0553 | 9.54 | 2.91 | 27 | 0235 | 14.57 | 4.44 |
| | 1038 | 9.77 | 2.98 | | 1228 | 2.14 | 0.65 | | 0839 | -0.47 | -0.14 |
| | 1704 | -1.46 | -0.44 | | 1923 | 8.11 | 2.47 | | 1431 | 12.28 | 3.74 |
| | 2352 | 14.01 | 4.27 | | | | | | 2032 | -2.68 | -0.82 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 8 | 0605 | 1.84 | 0.56 | 18 | 0106 | 5.42 | 1.65 | 28 | 0300 | 14.43 | 4.40 |
| | 1138 | 10.97 | 3.34 | | 0643 | 7.76 | 2.37 | | 0904 | -0.67 | -0.20 |
| | 1757 | -3.20 | -0.98 | | 1355 | 3.09 | 0.94 | | 1501 | 12.29 | 3.75 |
| | | | | | 2219 | 8.21 | 2.50 | | 2059 | -2.08 | -0.63 |
| Viernes | | | | Lunes | | | | Jueves | | | |
| 9 | 0040 | 15.69 | 4.78 | 19 | 0453 | 5.71 | 1.74 | 29 | 0324 | 14.01 | 4.27 |
| | 0652 | 0.44 | 0.13 | | 0849 | 6.58 | 2.01 | | 0930 | -0.66 | -0.20 |
| | 1230 | 12.19 | 3.72 | | 1618 | 2.92 | 0.89 | | 1531 | 12.06 | 3.68 |
| | 1845 | -4.62 | -1.41 | | 2341 | 9.54 | 2.91 | | 2127 | -1.13 | -0.35 |
| Sábado | Luna Llena | | | Martes | | | | Viernes | | | |
| 10 | 0125 | 16.89 | 5.15 | 20 | 0604 | 4.56 | 1.39 | 30 | 0348 | 13.34 | 4.07 |
| | 0736 | -0.72 | -0.22 | | 1058 | 6.94 | 2.12 | | 0958 | -0.48 | -0.15 |
| | 1319 | 13.18 | 4.02 | | 1723 | 1.93 | 0.59 | | 1604 | 11.63 | 3.54 |
| | 1931 | -5.46 | -1.66 | | | | | | 2158 | 0.12 | 0.04 |
| | | | | | | | | Sábado | | | |
| | | | | | | | | 31 | 0414 | 12.45 | 3.79 |
| | | | | | | | | | 1030 | -0.13 | -0.04 |
| | | | | | | | | | 1643 | 10.96 | 3.34 |
| | | | | | | | | | 2234 | 1.67 | 0.51 |



**SECRETARIA DE MARINA ARMADA DE MEXICO
TABLAS NUMERICAS DE PREDICCION DE MAREAS**

[MENU](#) [MAPA](#)

| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | FEBRERO 2009 | | | |
|-----------|------------------|-------|--------|--------------------|------------------|-------|--------|--------------|------------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Domingo | | | | Miércoles | | | | Sábado | | | |
| 1 | 0443 | 11.31 | 3.45 | 11 | 0257 | 16.50 | 5.03 | 21 | 0044 | 12.33 | 3.76 |
| | 1108 | 0.42 | 0.13 | | 0905 | -3.10 | -0.95 | | 0655 | 1.72 | 0.52 |
| | 1736 | 10.07 | 3.07 | | 1511 | 14.46 | 4.41 | | 1228 | 9.91 | 3.02 |
| | 2324 | 3.47 | 1.06 | | 2111 | -3.08 | -0.94 | | 1832 | -0.99 | -0.30 |
| Lunes | Cuarto Creciente | | | Jueves | | | | Domingo | | | |
| 2 | 0522 | 9.93 | 3.03 | 12 | 0327 | 15.14 | 4.61 | 22 | 0102 | 13.32 | 4.06 |
| | 1204 | 1.13 | 0.34 | | 0935 | -2.47 | -0.75 | | 0709 | 0.64 | 0.20 |
| | 1900 | 9.23 | 2.81 | | 1548 | 13.39 | 4.08 | | 1252 | 11.24 | 3.43 |
| | | | | | 2143 | -1.11 | -0.34 | | 1856 | -2.03 | -0.62 |
| Martes | | | | Viernes | | | | Lunes | | | |
| 3 | 0049 | 5.19 | 1.58 | 13 | 0355 | 13.42 | 4.09 | 23 | 0122 | 14.17 | 4.32 |
| | 0628 | 8.41 | 2.56 | | 1004 | -1.41 | -0.43 | | 0727 | -0.43 | -0.13 |
| | 1334 | 1.64 | 0.50 | | 1624 | 11.90 | 3.63 | | 1318 | 12.42 | 3.79 |
| | 2131 | 9.64 | 2.94 | | 2214 | 1.09 | 0.33 | | 1921 | -2.73 | -0.83 |
| Miércoles | | | | Sábado | | | | Martes | Luna Nueva | | |
| 4 | 0353 | 5.38 | 1.64 | 14 | 0420 | 11.53 | 3.51 | 24 | 0143 | 14.78 | 4.51 |
| | 0850 | 7.68 | 2.34 | | 1032 | -0.04 | -0.01 | | 0749 | -1.35 | -0.41 |
| | 1547 | 0.84 | 0.26 | | 1702 | 10.18 | 3.10 | | 1345 | 13.33 | 4.06 |
| | 2302 | 11.67 | 3.56 | | 2242 | 3.30 | 1.01 | | 1947 | -3.02 | -0.92 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 5 | 0522 | 3.63 | 1.10 | 15 | 0441 | 9.62 | 2.93 | 25 | 0206 | 15.07 | 4.59 |
| | 1042 | 8.89 | 2.71 | | 1100 | 1.49 | 0.45 | | 0811 | -2.03 | -0.62 |
| | 1704 | -1.10 | -0.34 | | 1750 | 8.43 | 2.57 | | 1413 | 13.91 | 4.24 |
| | 2354 | 13.85 | 4.22 | | 2309 | 5.38 | 1.64 | | 2013 | -2.88 | -0.88 |
| Viernes | | | | Lunes | Cuarto Menguante | | | Jueves | | | |
| 6 | 0611 | 1.65 | 0.50 | 16 | 0448 | 7.84 | 2.39 | 26 | 0229 | 15.01 | 4.58 |
| | 1143 | 10.74 | 3.27 | | 1133 | 3.02 | 0.92 | | 0835 | -2.42 | -0.74 |
| | 1758 | -3.10 | -0.94 | | | | | | 1442 | 14.15 | 4.31 |
| | | | | | | | | | 2039 | -2.33 | -0.71 |
| Sábado | | | | Martes | | | | Viernes | | | |
| 7 | 0037 | 15.68 | 4.78 | 17 | 0052 | 7.24 | 2.21 | 27 | 0252 | 14.62 | 4.45 |
| | 0650 | -0.18 | -0.05 | | 1538 | 4.25 | 1.30 | | 0859 | -2.52 | -0.77 |
| | 1232 | 12.54 | 3.82 | | 2356 | 8.80 | 2.68 | | 1511 | 14.04 | 4.28 |
| | 1843 | -4.65 | -1.42 | | | | | | 2108 | -1.38 | -0.42 |
| Domingo | | | | Miércoles | | | | Sábado | | | |
| 8 | 0115 | 16.94 | 5.16 | 18 | 0643 | 4.76 | 1.45 | 28 | 0316 | 13.90 | 4.24 |
| | 0726 | -1.68 | -0.51 | | 1119 | 5.93 | 1.81 | | 0926 | -2.30 | -0.70 |
| | 1315 | 13.96 | 4.26 | | 1717 | 2.96 | 0.90 | | 1544 | 13.52 | 4.12 |
| | 1923 | -5.47 | -1.67 | | | | | | 2139 | -0.04 | -0.01 |
| Lunes | Luna Llena | | | Jueves | | | | | | | |
| 9 | 0151 | 17.50 | 5.33 | 19 | 0014 | 10.12 | 3.08 | | | | |
| | 0801 | -2.71 | -0.83 | | 0638 | 3.68 | 1.12 | | | | |
| | 1355 | 14.80 | 4.51 | | 1147 | 7.22 | 2.20 | | | | |
| | 2001 | -5.45 | -1.66 | | 1747 | 1.58 | 0.48 | | | | |
| Martes | | | | Viernes | | | | | | | |
| 10 | 0225 | 17.33 | 5.28 | 20 | 0029 | 11.26 | 3.43 | | | | |
| | 0834 | -3.20 | -0.97 | | 0646 | 2.71 | 0.83 | | | | |
| | 1434 | 14.96 | 4.56 | | 1207 | 8.54 | 2.60 | | | | |
| | 2037 | -4.60 | -1.40 | | 1809 | 0.25 | 0.08 | | | | |



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TABLAS NUMERICAS DE PREDICCION DE MAREAS**

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| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | MARZO 2009 | | | |
|----------------------------|------|-------|--------|----------------------------|------|-------|--------|-------------------|------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Domingo | | | | Miércoles | | | | Sábado | | | |
| 1 | 0343 | 12.86 | 3.92 | 11 | 0156 | 16.46 | 5.02 | 21 | 0613 | 2.87 | 0.87 |
| | 0956 | -1.70 | -0.52 | | 0804 | -3.72 | -1.13 | | 1144 | 8.65 | 2.64 |
| | 1623 | 12.55 | 3.82 | | 1414 | 15.71 | 4.79 | | 1739 | 1.26 | 0.38 |
| | 2216 | 1.69 | 0.52 | | 2016 | -3.18 | -0.97 | | | | |
| Lunes | | | | Jueves | | | | Domingo | | | |
| 2 | 0412 | 11.47 | 3.50 | 12 | 0224 | 15.63 | 4.76 | 22 | 0007 | 11.94 | 3.64 |
| | 1034 | -0.65 | -0.20 | | 0831 | -3.58 | -1.09 | | 0620 | 1.62 | 0.49 |
| | 1714 | 11.15 | 3.40 | | 1448 | 15.22 | 4.64 | | 1205 | 10.31 | 3.14 |
| | 2304 | 3.74 | 1.14 | | 2047 | -1.84 | -0.56 | | 1804 | -0.03 | -0.01 |
| Martes | | | | Viernes | | | | Lunes | | | |
| 3 | 0450 | 9.74 | 2.97 | 13 | 0250 | 14.40 | 4.39 | 23 | 0026 | 13.03 | 3.97 |
| | 1128 | 0.77 | 0.24 | | 0857 | -2.93 | -0.89 | | 0634 | 0.28 | 0.09 |
| | 1839 | 9.70 | 2.96 | | 1520 | 14.21 | 4.33 | | 1229 | 11.92 | 3.63 |
| | | | | | 2116 | -0.18 | -0.05 | | 1830 | -1.10 | -0.34 |
| Miércoles Cuarto Creciente | | | | Sábado | | | | Martes | | | |
| 4 | 0039 | 5.68 | 1.73 | 14 | 0315 | 12.90 | 3.93 | 24 | 0046 | 13.95 | 4.25 |
| | 0557 | 7.84 | 2.39 | | 0922 | -1.89 | -0.57 | | 0654 | -1.01 | -0.31 |
| | 1313 | 2.00 | 0.61 | | 1552 | 12.80 | 3.90 | | 1255 | 13.36 | 4.07 |
| | 2134 | 9.91 | 3.02 | | 2143 | 1.62 | 0.49 | | 1857 | -1.84 | -0.56 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 5 | 0419 | 5.15 | 1.57 | 15 | 0338 | 11.27 | 3.43 | 25 | 0108 | 14.60 | 4.45 |
| | 0915 | 7.22 | 2.20 | | 0946 | -0.55 | -0.17 | | 0716 | -2.13 | -0.65 |
| | 1550 | 1.23 | 0.37 | | 1624 | 11.16 | 3.40 | | 1322 | 14.53 | 4.43 |
| | 2258 | 11.99 | 3.65 | | 2208 | 3.44 | 1.05 | | 1924 | -2.19 | -0.67 |
| Viernes | | | | Lunes | | | | Jueves Luna Nueva | | | |
| 6 | 0524 | 3.03 | 0.92 | 16 | 0355 | 9.63 | 2.93 | 26 | 0132 | 14.92 | 4.55 |
| | 1053 | 9.17 | 2.80 | | 1009 | 0.94 | 0.29 | | 0739 | -2.98 | -0.91 |
| | 1702 | -0.74 | -0.23 | | 1700 | 9.43 | 2.87 | | 1351 | 15.33 | 4.67 |
| | 2345 | 14.00 | 4.27 | | 2231 | 5.18 | 1.58 | | 1952 | -2.14 | -0.65 |
| Sábado | | | | Martes | | | | Viernes | | | |
| 7 | 0602 | 0.95 | 0.29 | 17 | 0356 | 8.11 | 2.47 | 27 | 0157 | 14.90 | 4.54 |
| | 1144 | 11.39 | 3.47 | | 1030 | 2.48 | 0.76 | | 0804 | -3.49 | -1.06 |
| | 1751 | -2.54 | -0.77 | | 1758 | 7.79 | 2.37 | | 1422 | 15.69 | 4.78 |
| | | | | | 2238 | 6.79 | 2.07 | | 2021 | -1.67 | -0.51 |
| Domingo | | | | Miércoles Cuarto Menguante | | | | Sábado | | | |
| 8 | 0022 | 15.55 | 4.74 | 18 | 0204 | 7.22 | 2.20 | 28 | 0223 | 14.51 | 4.42 |
| | 0635 | -0.89 | -0.27 | | 1040 | 4.00 | 1.22 | | 0831 | -3.60 | -1.10 |
| | 1226 | 13.33 | 4.06 | | 2325 | 8.24 | 2.51 | | 1455 | 15.55 | 4.74 |
| | 1832 | -3.76 | -1.15 | | | | | | 2053 | -0.76 | -0.23 |
| Lunes | | | | Jueves | | | | Domingo | | | |
| 9 | 0055 | 16.49 | 5.02 | 19 | 0720 | 4.95 | 1.51 | 29 | 0252 | 13.73 | 4.19 |
| | 0706 | -2.33 | -0.71 | | 1117 | 5.50 | 1.68 | | 0902 | -3.22 | -0.98 |
| | 1304 | 14.76 | 4.50 | | 1634 | 4.11 | 1.25 | | 1532 | 14.84 | 4.52 |
| | 1909 | -4.27 | -1.30 | | 2337 | 9.54 | 2.91 | | 2130 | 0.60 | 0.18 |
| Martes Luna Llena | | | | Viernes | | | | Lunes | | | |
| 10 | 0126 | 16.78 | 5.11 | 20 | 0612 | 3.99 | 1.21 | 30 | 0324 | 12.54 | 3.82 |
| | 0736 | -3.30 | -1.01 | | 1126 | 7.03 | 2.14 | | 0937 | -2.26 | -0.69 |
| | 1340 | 15.57 | 4.74 | | 1713 | 2.67 | 0.81 | | 1617 | 13.56 | 4.13 |
| | 1943 | -4.04 | -1.23 | | 2351 | 10.77 | 3.28 | | 2214 | 2.35 | 0.72 |
| | | | | | | | | Martes | | | |
| | | | | | | | | 31 | 0401 | 10.97 | 3.34 |
| | | | | | | | | | 1021 | -0.76 | -0.23 |
| | | | | | | | | | 1716 | 11.91 | 3.63 |
| | | | | | | | | | 2317 | 4.26 | 1.30 |



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TABLAS NUMERICAS DE PREDICCION DE MAREAS**

[MENU](#) [MAPA](#)

| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | ABRIL 2009 | | | |
|-----------|------------------|-------|--------|--------------------|------------------|-------|--------|------------|------------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Miércoles | | | | Sábado | | | | Martes | | | |
| 1 | 0452 | 9.12 | 2.78 | 11 | 0219 | 13.12 | 4.00 | 21 | 0551 | 0.41 | 0.13 |
| | 1125 | 1.06 | 0.32 | | 0826 | -2.47 | -0.75 | | 1159 | 12.32 | 3.76 |
| | 1851 | 10.52 | 3.21 | | 1459 | 14.48 | 4.41 | | 1758 | 0.52 | 0.16 |
| | | | | | 2058 | 1.17 | 0.36 | | | | |
| Jueves | Cuarto Creciente | | | Domingo | | | | Miércoles | | | |
| 2 | 0139 | 5.40 | 1.65 | 12 | 0245 | 11.99 | 3.66 | 22 | 0003 | 13.15 | 4.01 |
| | 0635 | 7.47 | 2.28 | | 0852 | -1.60 | -0.49 | | 0614 | -1.00 | -0.31 |
| | 1334 | 2.29 | 0.70 | | 1530 | 13.32 | 4.06 | | 1228 | 13.94 | 4.25 |
| | 2117 | 10.84 | 3.30 | | 2126 | 2.44 | 0.74 | | 1828 | -0.24 | -0.07 |
| Viernes | | | | Lunes | | | | Jueves | | | |
| 3 | 0402 | 4.13 | 1.26 | 13 | 0310 | 10.76 | 3.28 | 23 | 0029 | 13.80 | 4.21 |
| | 0931 | 8.03 | 2.45 | | 0918 | -0.49 | -0.15 | | 0640 | -2.25 | -0.69 |
| | 1540 | 1.49 | 0.45 | | 1602 | 11.96 | 3.65 | | 1258 | 15.28 | 4.66 |
| | 2233 | 12.37 | 3.77 | | 2154 | 3.74 | 1.14 | | 1900 | -0.69 | -0.21 |
| Sábado | | | | Martes | | | | Viernes | Luna Nueva | | |
| 4 | 0459 | 2.20 | 0.67 | 14 | 0333 | 9.49 | 2.89 | 24 | 0056 | 14.19 | 4.32 |
| | 1047 | 10.12 | 3.08 | | 0944 | 0.79 | 0.24 | | 0707 | -3.23 | -0.98 |
| | 1647 | 0.06 | 0.02 | | 1640 | 10.53 | 3.21 | | 1330 | 16.22 | 4.94 |
| | 2319 | 13.76 | 4.19 | | 2228 | 5.03 | 1.53 | | 1933 | -0.80 | -0.24 |
| Domingo | | | | Miércoles | | | | Sábado | | | |
| 5 | 0538 | 0.40 | 0.12 | 15 | 0352 | 8.22 | 2.51 | 25 | 0127 | 14.24 | 4.34 |
| | 1134 | 12.18 | 3.71 | | 1012 | 2.19 | 0.67 | | 0737 | -3.82 | -1.16 |
| | 1735 | -1.11 | -0.34 | | 1732 | 9.16 | 2.79 | | 1406 | 16.63 | 5.07 |
| | 2355 | 14.70 | 4.48 | | 2322 | 6.23 | 1.90 | | 2009 | -0.51 | -0.15 |
| Lunes | | | | Jueves | | | | Domingo | | | |
| 6 | 0610 | -1.11 | -0.34 | 16 | 0346 | 7.01 | 2.14 | 26 | 0200 | 13.92 | 4.24 |
| | 1213 | 13.87 | 4.23 | | 1052 | 3.65 | 1.11 | | 0811 | -3.88 | -1.18 |
| | 1816 | -1.80 | -0.55 | | 1940 | 8.28 | 2.52 | | 1445 | 16.44 | 5.01 |
| | | | | | | | | | 2049 | 0.21 | 0.06 |
| Martes | | | | Viernes | Cuarto Menguante | | | Lunes | | | |
| 7 | 0027 | 15.17 | 4.62 | 17 | 1329 | 4.84 | 1.47 | 27 | 0238 | 13.18 | 4.02 |
| | 0639 | -2.25 | -0.69 | | 2210 | 9.05 | 2.76 | | 0849 | -3.34 | -1.02 |
| | 1249 | 15.06 | 4.59 | | | | | | 1529 | 15.63 | 4.76 |
| | 1852 | -1.97 | -0.60 | | | | | | 2134 | 1.32 | 0.40 |
| Miércoles | | | | Sábado | | | | Martes | | | |
| 8 | 0056 | 15.17 | 4.62 | 18 | 0507 | 4.59 | 1.40 | 28 | 0321 | 12.04 | 3.67 |
| | 0707 | -2.96 | -0.90 | | 1029 | 7.00 | 2.13 | | 0933 | -2.18 | -0.66 |
| | 1323 | 15.69 | 4.78 | | 1608 | 3.92 | 1.20 | | 1622 | 14.36 | 4.38 |
| | 1926 | -1.66 | -0.51 | | 2248 | 10.17 | 3.10 | | 2230 | 2.65 | 0.81 |
| Jueves | Luna Llena | | | Domingo | | | | Miércoles | | | |
| 9 | 0125 | 14.79 | 4.51 | 19 | 0514 | 3.30 | 1.01 | 29 | 0413 | 10.61 | 3.23 |
| | 0735 | -3.21 | -0.98 | | 1104 | 8.75 | 2.67 | | 1028 | -0.55 | -0.17 |
| | 1356 | 15.77 | 4.81 | | 1652 | 2.70 | 0.82 | | 1729 | 12.93 | 3.94 |
| | 1958 | -0.97 | -0.30 | | 2315 | 11.27 | 3.43 | | 2351 | 3.80 | 1.16 |
| Viernes | | | | Lunes | | | | Jueves | | | |
| 10 | 0152 | 14.08 | 4.29 | 20 | 0530 | 1.88 | 0.57 | 30 | 0524 | 9.18 | 2.80 |
| | 0801 | -3.03 | -0.92 | | 1132 | 10.55 | 3.22 | | 1144 | 1.17 | 0.36 |
| | 1427 | 15.33 | 4.67 | | 1726 | 1.53 | 0.47 | | 1857 | 11.90 | 3.63 |
| | 2029 | 0.01 | 0.00 | | 2339 | 12.28 | 3.74 | | | | |



**SECRETARIA DE MARINA ARMADA DE MEXICO
TABLAS NUMERICAS DE PREDICCION DE MAREAS**

[MENU](#) [MAPA](#)

| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | MAYO 2009 | | | |
|-----------|------------------|-------|--------|--------------------|------------------|-------|--------|-----------|------------------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Viernes | Cuarto Creciente | | | Lunes | | | | Jueves | | | |
| 1 | 0142 | 3.99 | 1.22 | 11 | 0226 | 11.26 | 3.43 | 21 | 0530 | -0.53 | -0.16 |
| | 0715 | 8.46 | 2.58 | | 0833 | -1.02 | -0.31 | | 1158 | 14.09 | 4.29 |
| | 1335 | 2.18 | 0.67 | | 1517 | 13.63 | 4.16 | | 1800 | 1.56 | 0.47 |
| | 2034 | 11.75 | 3.58 | | 2119 | 2.99 | 0.91 | | 2349 | 12.75 | 3.88 |
| Sábado | | | | Martes | | | | Viernes | | | |
| 2 | 0315 | 3.06 | 0.93 | 12 | 0256 | 10.51 | 3.20 | 22 | 0603 | -1.89 | -0.58 |
| | 0912 | 9.27 | 2.82 | | 0902 | -0.27 | -0.08 | | 1235 | 15.54 | 4.74 |
| | 1513 | 2.09 | 0.64 | | 1551 | 12.73 | 3.88 | | 1840 | 0.91 | 0.28 |
| | 2149 | 12.24 | 3.73 | | 2151 | 3.72 | 1.13 | | | | |
| Domingo | | | | Miércoles | | | | Sábado | | | |
| 3 | 0417 | 1.73 | 0.53 | 13 | 0327 | 9.66 | 2.95 | 23 | 0026 | 13.28 | 4.05 |
| | 1026 | 10.90 | 3.32 | | 0934 | 0.70 | 0.21 | | 0639 | -2.99 | -0.91 |
| | 1623 | 1.52 | 0.46 | | 1629 | 11.73 | 3.57 | | 1314 | 16.58 | 5.05 |
| | 2241 | 12.78 | 3.89 | | 2230 | 4.47 | 1.36 | | 1921 | 0.52 | 0.16 |
| Lunes | | | | Jueves | | | | Domingo | Luna Nueva | | |
| 4 | 0502 | 0.47 | 0.14 | 14 | 0401 | 8.75 | 2.67 | 24 | 0106 | 13.56 | 4.13 |
| | 1117 | 12.51 | 3.81 | | 1009 | 1.86 | 0.57 | | 0719 | -3.67 | -1.12 |
| | 1716 | 1.00 | 0.30 | | 1715 | 10.74 | 3.27 | | 1356 | 17.08 | 5.21 |
| | 2322 | 13.12 | 4.00 | | 2324 | 5.16 | 1.57 | | 2004 | 0.45 | 0.14 |
| Martes | | | | Viernes | | | | Lunes | | | |
| 5 | 0539 | -0.56 | -0.17 | 15 | 0448 | 7.83 | 2.39 | 25 | 0149 | 13.51 | 4.12 |
| | 1159 | 13.81 | 4.21 | | 1054 | 3.14 | 0.96 | | 0802 | -3.81 | -1.16 |
| | 1800 | 0.70 | 0.21 | | 1818 | 9.91 | 3.02 | | 1442 | 17.02 | 5.19 |
| | 2357 | 13.23 | 4.03 | | | | | | 2051 | 0.71 | 0.22 |
| Miércoles | | | | Sábado | | | | Martes | | | |
| 6 | 0611 | -1.32 | -0.40 | 16 | 0059 | 5.48 | 1.67 | 26 | 0236 | 13.09 | 3.99 |
| | 1236 | 14.69 | 4.48 | | 0613 | 7.13 | 2.17 | | 0848 | -3.34 | -1.02 |
| | 1839 | 0.65 | 0.20 | | 1209 | 4.32 | 1.32 | | 1532 | 16.43 | 5.01 |
| | | | | | 1945 | 9.54 | 2.91 | | 2143 | 1.23 | 0.37 |
| Jueves | | | | Domingo | Cuarto Menguante | | | Miércoles | | | |
| 7 | 0029 | 13.13 | 4.00 | 17 | 0253 | 4.90 | 1.49 | 27 | 0328 | 12.35 | 3.76 |
| | 0642 | -1.79 | -0.55 | | 0836 | 7.40 | 2.25 | | 0939 | -2.30 | -0.70 |
| | 1310 | 15.16 | 4.62 | | 1418 | 4.77 | 1.45 | | 1626 | 15.46 | 4.71 |
| | 1914 | 0.83 | 0.25 | | 2108 | 9.82 | 2.99 | | 2242 | 1.86 | 0.57 |
| Viernes | Luna Llena | | | Lunes | | | | Jueves | | | |
| 8 | 0059 | 12.86 | 3.92 | 18 | 0349 | 3.77 | 1.15 | 28 | 0427 | 11.40 | 3.47 |
| | 0711 | -1.96 | -0.60 | | 1002 | 8.82 | 2.69 | | 1036 | -0.81 | -0.25 |
| | 1342 | 15.22 | 4.64 | | 1547 | 4.20 | 1.28 | | 1726 | 14.30 | 4.36 |
| | 1948 | 1.20 | 0.36 | | 2201 | 10.48 | 3.19 | | 2351 | 2.38 | 0.73 |
| Sábado | | | | Martes | | | | Viernes | | | |
| 9 | 0128 | 12.45 | 3.79 | 19 | 0426 | 2.41 | 0.73 | 29 | 0538 | 10.50 | 3.20 |
| | 0738 | -1.87 | -0.57 | | 1047 | 10.57 | 3.22 | | 1145 | 0.84 | 0.26 |
| | 1414 | 14.95 | 4.56 | | 1640 | 3.31 | 1.01 | | 1832 | 13.16 | 4.01 |
| | 2019 | 1.71 | 0.52 | | 2240 | 11.25 | 3.43 | | | | |
| Domingo | | | | Miércoles | | | | Sábado | Cuarto Creciente | | |
| 10 | 0157 | 11.91 | 3.63 | 20 | 0459 | 0.94 | 0.29 | 30 | 0105 | 2.59 | 0.79 |
| | 0806 | -1.55 | -0.47 | | 1123 | 12.38 | 3.77 | | 0701 | 9.99 | 3.04 |
| | 1445 | 14.39 | 4.39 | | 1721 | 2.39 | 0.73 | | 1306 | 2.27 | 0.69 |
| | 2049 | 2.32 | 0.71 | | 2315 | 12.04 | 3.67 | | 1941 | 12.22 | 3.72 |
| | | | | | | | | Domingo | | | |
| | | | | | | | | 31 | 0219 | 2.42 | 0.74 |
| | | | | | | | | | 0832 | 10.17 | 3.10 |
| | | | | | | | | | 1433 | 3.15 | 0.96 |
| | | | | | | | | | 2051 | 11.60 | 3.53 |



**SECRETARIA DE MARINA ARMADA DE MEXICO
TABLAS NUMERICAS DE PREDICCION DE MAREAS**

[MENU](#) [MAPA](#)

| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | JUNIO 2009 | | | |
|-----------|------------|-------|--------|--------------------|------------------|-------|--------|------------|------------------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Lunes | | | | Jueves | | | | Domingo | | | |
| 1 | 0327 | 1.93 | 0.59 | 11 | 0322 | 10.58 | 3.22 | 21 | 0008 | 12.70 | 3.87 |
| | 0956 | 11.03 | 3.36 | | 0925 | 0.33 | 0.10 | | 0624 | -2.66 | -0.81 |
| | 1554 | 3.41 | 1.04 | | 1612 | 13.01 | 3.97 | | 1306 | 16.77 | 5.11 |
| | 2155 | 11.32 | 3.45 | | 2217 | 3.47 | 1.06 | | 1916 | 1.27 | 0.39 |
| Martes | | | | Viernes | | | | Lunes | Luna Nueva | | |
| 2 | 0424 | 1.28 | 0.39 | 12 | 0358 | 10.01 | 3.05 | 22 | 0057 | 13.42 | 4.09 |
| | 1100 | 12.15 | 3.70 | | 1000 | 1.28 | 0.39 | | 0712 | -3.59 | -1.10 |
| | 1700 | 3.27 | 1.00 | | 1649 | 12.28 | 3.74 | | 1352 | 17.55 | 5.35 |
| | 2248 | 11.24 | 3.43 | | 2258 | 3.84 | 1.17 | | 2003 | 0.64 | 0.19 |
| Miércoles | | | | Sábado | | | | Martes | | | |
| 3 | 0510 | 0.64 | 0.20 | 13 | 0441 | 9.39 | 2.86 | 23 | 0146 | 13.88 | 4.23 |
| | 1149 | 13.15 | 4.01 | | 1038 | 2.43 | 0.74 | | 0759 | -3.98 | -1.21 |
| | 1753 | 3.02 | 0.92 | | 1729 | 11.50 | 3.51 | | 1438 | 17.78 | 5.42 |
| | 2332 | 11.26 | 3.43 | | 2348 | 4.14 | 1.26 | | 2050 | 0.29 | 0.09 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 4 | 0549 | 0.10 | 0.03 | 14 | 0537 | 8.85 | 2.70 | 24 | 0236 | 13.99 | 4.26 |
| | 1229 | 13.89 | 4.23 | | 1127 | 3.66 | 1.11 | | 0847 | -3.71 | -1.13 |
| | 1835 | 2.80 | 0.85 | | 1817 | 10.79 | 3.29 | | 1525 | 17.45 | 5.32 |
| | | | | | | | | | 2138 | 0.25 | 0.08 |
| Viernes | | | | Lunes | Cuarto Menguante | | | Jueves | | | |
| 5 | 0010 | 11.31 | 3.45 | 15 | 0048 | 4.19 | 1.28 | 25 | 0327 | 13.68 | 4.17 |
| | 0624 | -0.32 | -0.10 | | 0653 | 8.67 | 2.64 | | 0936 | -2.75 | -0.84 |
| | 1303 | 14.35 | 4.37 | | 1236 | 4.74 | 1.44 | | 1613 | 16.59 | 5.06 |
| | 1912 | 2.67 | 0.82 | | 1914 | 10.27 | 3.13 | | 2227 | 0.52 | 0.16 |
| Sábado | | | | Martes | | | | Viernes | | | |
| 6 | 0043 | 11.36 | 3.46 | 16 | 0159 | 3.82 | 1.16 | 26 | 0421 | 13.01 | 3.97 |
| | 0656 | -0.63 | -0.19 | | 0827 | 9.17 | 2.80 | | 1026 | -1.20 | -0.37 |
| | 1335 | 14.56 | 4.44 | | 1412 | 5.26 | 1.60 | | 1701 | 15.31 | 4.67 |
| | 1944 | 2.63 | 0.80 | | 2022 | 10.09 | 3.07 | | 2319 | 1.03 | 0.31 |
| Domingo | Luna Llena | | | Miércoles | | | | Sábado | | | |
| 7 | 0115 | 11.40 | 3.47 | 17 | 0307 | 2.93 | 0.89 | 27 | 0519 | 12.11 | 3.69 |
| | 0725 | -0.81 | -0.25 | | 0949 | 10.47 | 3.19 | | 1120 | 0.74 | 0.23 |
| | 1405 | 14.56 | 4.44 | | 1544 | 4.93 | 1.50 | | 1750 | 13.77 | 4.20 |
| | 2013 | 2.67 | 0.81 | | 2130 | 10.37 | 3.16 | | | | |
| Lunes | | | | Jueves | | | | Domingo | | | |
| 8 | 0145 | 11.38 | 3.47 | 18 | 0403 | 1.63 | 0.50 | 28 | 0014 | 1.67 | 0.51 |
| | 0754 | -0.86 | -0.26 | | 1047 | 12.17 | 3.71 | | 0624 | 11.18 | 3.41 |
| | 1435 | 14.41 | 4.39 | | 1647 | 4.10 | 1.25 | | 1222 | 2.78 | 0.85 |
| | 2041 | 2.75 | 0.84 | | 2228 | 11.01 | 3.36 | | 1843 | 12.16 | 3.71 |
| Martes | | | | Viernes | | | | Lunes | Cuarto Creciente | | |
| 9 | 0216 | 11.26 | 3.43 | 19 | 0451 | 0.14 | 0.04 | 29 | 0115 | 2.32 | 0.71 |
| | 0823 | -0.73 | -0.22 | | 1135 | 13.93 | 4.25 | | 0743 | 10.51 | 3.20 |
| | 1505 | 14.10 | 4.30 | | 1740 | 3.11 | 0.95 | | 1342 | 4.51 | 1.38 |
| | 2110 | 2.90 | 0.88 | | 2319 | 11.85 | 3.61 | | 1943 | 10.70 | 3.26 |
| Miércoles | | | | Sábado | | | | Martes | | | |
| 10 | 0248 | 11.00 | 3.35 | 20 | 0538 | -1.36 | -0.41 | 30 | 0228 | 2.73 | 0.83 |
| | 0853 | -0.34 | -0.10 | | 1220 | 15.52 | 4.73 | | 0922 | 10.53 | 3.21 |
| | 1537 | 13.63 | 4.15 | | 1828 | 2.13 | 0.65 | | 1527 | 5.35 | 1.63 |
| | 2141 | 3.13 | 0.95 | | | | | | 2102 | 9.73 | 2.97 |



**SECRETARIA DE MARINA ARMADA DE MEXICO
TABLAS NUMERICAS DE PREDICION DE MAREAS**

[MENU](#) [MAPA](#)

| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | JULIO 2009 | | | |
|-----------|------------|-------|--------|----------------------------|------|-------|--------|------------|------------------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Miércoles | | | | Sábado | | | | Martes | Luna Nueva | | |
| 1 | 0349 | 2.65 | 0.81 | 11 | 0341 | 11.72 | 3.57 | 21 | 0053 | 14.07 | 4.29 |
| | 1051 | 11.34 | 3.46 | | 0939 | 0.70 | 0.21 | | 0707 | -3.76 | -1.15 |
| | 1701 | 5.13 | 1.56 | | 1612 | 13.56 | 4.13 | | 1343 | 18.19 | 5.55 |
| | 2224 | 9.50 | 2.90 | | 2220 | 2.41 | 0.73 | | 1953 | -0.03 | -0.01 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 2 | 0454 | 2.15 | 0.65 | 12 | 0416 | 11.25 | 3.43 | 22 | 0141 | 15.04 | 4.59 |
| | 1149 | 12.33 | 3.76 | | 1012 | 1.83 | 0.56 | | 0752 | -4.26 | -1.30 |
| | 1800 | 4.55 | 1.39 | | 1640 | 12.77 | 3.89 | | 1424 | 18.54 | 5.65 |
| | 2323 | 9.77 | 2.98 | | 2255 | 2.71 | 0.83 | | 2034 | -0.75 | -0.23 |
| Viernes | | | | Lunes | | | | Jueves | | | |
| 3 | 0542 | 1.49 | 0.45 | 13 | 0457 | 10.73 | 3.27 | 23 | 0226 | 15.49 | 4.72 |
| | 1230 | 13.15 | 4.01 | | 1048 | 3.12 | 0.95 | | 0835 | -3.95 | -1.20 |
| | 1841 | 4.00 | 1.22 | | 1712 | 11.90 | 3.63 | | 1504 | 18.17 | 5.54 |
| | | | | | 2334 | 3.00 | 0.91 | | 2114 | -1.00 | -0.30 |
| Sábado | | | | Martes | | | | Viernes | | | |
| 4 | 0004 | 10.23 | 3.12 | 14 | 0550 | 10.26 | 3.13 | 24 | 0312 | 15.33 | 4.67 |
| | 0618 | 0.82 | 0.25 | | 1136 | 4.48 | 1.36 | | 0917 | -2.83 | -0.86 |
| | 1302 | 13.77 | 4.20 | | 1753 | 11.02 | 3.36 | | 1543 | 17.15 | 5.23 |
| | 1911 | 3.54 | 1.08 | | | | | | 2154 | -0.73 | -0.22 |
| Domingo | | | | Miércoles Cuarto Menguante | | | | Sábado | | | |
| 5 | 0037 | 10.74 | 3.27 | 15 | 0027 | 3.18 | 0.97 | 25 | 0358 | 14.59 | 4.45 |
| | 0648 | 0.19 | 0.06 | | 0704 | 10.03 | 3.06 | | 1000 | -1.04 | -0.32 |
| | 1329 | 14.23 | 4.34 | | 1249 | 5.71 | 1.74 | | 1621 | 15.60 | 4.75 |
| | 1937 | 3.15 | 0.96 | | 1852 | 10.20 | 3.11 | | 2234 | 0.02 | 0.01 |
| Lunes | | | | Jueves | | | | Domingo | | | |
| 6 | 0106 | 11.27 | 3.43 | 16 | 0140 | 3.07 | 0.94 | 26 | 0446 | 13.39 | 4.08 |
| | 0716 | -0.35 | -0.11 | | 0848 | 10.47 | 3.19 | | 1043 | 1.19 | 0.36 |
| | 1355 | 14.56 | 4.44 | | 1446 | 6.21 | 1.89 | | 1659 | 13.71 | 4.18 |
| | 2001 | 2.77 | 0.85 | | 2019 | 9.75 | 2.97 | | 2315 | 1.15 | 0.35 |
| Martes | Luna Llena | | | Viernes | | | | Lunes | | | |
| 7 | 0135 | 11.74 | 3.58 | 17 | 0313 | 2.30 | 0.70 | 27 | 0539 | 11.93 | 3.64 |
| | 0743 | -0.75 | -0.23 | | 1023 | 11.94 | 3.64 | | 1131 | 3.56 | 1.09 |
| | 1420 | 14.78 | 4.50 | | 1632 | 5.38 | 1.64 | | 1739 | 11.70 | 3.57 |
| | 2025 | 2.43 | 0.74 | | 2155 | 10.17 | 3.10 | | | | |
| Miércoles | | | | Sábado | | | | Martes | Cuarto Creciente | | |
| 8 | 0204 | 12.08 | 3.68 | 18 | 0429 | 0.81 | 0.25 | 28 | 0002 | 2.47 | 0.75 |
| | 0811 | -0.90 | -0.28 | | 1125 | 13.83 | 4.22 | | 0647 | 10.52 | 3.21 |
| | 1447 | 14.83 | 4.52 | | 1735 | 3.99 | 1.21 | | 1238 | 5.76 | 1.75 |
| | 2051 | 2.18 | 0.66 | | 2306 | 11.33 | 3.45 | | 1827 | 9.80 | 2.99 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 9 | 0236 | 12.20 | 3.72 | 19 | 0528 | -0.94 | -0.29 | 29 | 0109 | 3.73 | 1.14 |
| | 0839 | -0.73 | -0.22 | | 1215 | 15.67 | 4.78 | | 0846 | 9.75 | 2.97 |
| | 1515 | 14.65 | 4.46 | | 1825 | 2.49 | 0.76 | | 1520 | 6.92 | 2.11 |
| | 2119 | 2.08 | 0.63 | | | | | | 1951 | 8.33 | 2.54 |
| Viernes | | | | Lunes | | | | Jueves | | | |
| 10 | 0308 | 12.07 | 3.68 | 20 | 0003 | 12.75 | 3.89 | 30 | 0322 | 4.18 | 1.27 |
| | 0909 | -0.18 | -0.06 | | 0619 | -2.57 | -0.78 | | 1104 | 10.61 | 3.23 |
| | 1543 | 14.21 | 4.33 | | 1300 | 17.19 | 5.24 | | 1727 | 6.07 | 1.85 |
| | 2149 | 2.17 | 0.66 | | 1910 | 1.10 | 0.33 | | 2222 | 8.19 | 2.50 |
| | | | | | | | | Viernes | | | |
| | | | | | | | | 31 | 0455 | 3.42 | 1.04 |
| | | | | | | | | | 1158 | 11.81 | 3.60 |
| | | | | | | | | | 1814 | 5.06 | 1.54 |
| | | | | | | | | | 2329 | 8.99 | 2.74 |



**SECRETARIA DE MARINA ARMADA DE MEXICO
TABLAS NUMERICAS DE PREDICION DE MAREAS**

[MENU](#) [MAPA](#)

| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | AGOSTO 2009 | | | |
|----------------------|------|-------|--------|--------------------|------------------|-------|--------|-------------|------------------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Sábado | | | | Martes | | | | Viernes | | | |
| 1 | 0540 | 2.42 | 0.74 | 11 | 0421 | 12.48 | 3.80 | 21 | 0210 | 16.81 | 5.12 |
| | 1229 | 12.78 | 3.90 | | 1014 | 2.90 | 0.88 | | 0815 | -3.38 | -1.03 |
| | 1842 | 4.25 | 1.30 | | 1620 | 12.57 | 3.83 | | 1433 | 18.02 | 5.49 |
| | | | | | 2241 | 1.74 | 0.53 | | 2042 | -2.09 | -0.64 |
| Domingo | | | | Miércoles | | | | Sábado | | | |
| 2 | 0004 | 9.91 | 3.02 | 12 | 0506 | 11.68 | 3.56 | 22 | 0250 | 16.57 | 5.05 |
| | 0611 | 1.44 | 0.44 | | 1055 | 4.46 | 1.36 | | 0853 | -2.08 | -0.63 |
| | 1253 | 13.56 | 4.13 | | 1653 | 11.41 | 3.48 | | 1506 | 16.79 | 5.12 |
| | 1901 | 3.57 | 1.09 | | 2326 | 2.41 | 0.73 | | 2115 | -1.63 | -0.50 |
| Lunes | | | | Jueves | Cuarto Menguante | | | Domingo | | | |
| 3 | 0030 | 10.85 | 3.31 | 13 | 0615 | 10.81 | 3.29 | 23 | 0329 | 15.64 | 4.77 |
| | 0637 | 0.53 | 0.16 | | 1200 | 6.13 | 1.87 | | 0930 | -0.20 | -0.06 |
| | 1313 | 14.23 | 4.34 | | 1747 | 10.09 | 3.07 | | 1538 | 15.08 | 4.60 |
| | 1919 | 2.89 | 0.88 | | | | | | 2147 | -0.62 | -0.19 |
| Martes | | | | Viernes | | | | Lunes | | | |
| 4 | 0055 | 11.79 | 3.59 | 14 | 0041 | 3.08 | 0.94 | 24 | 0409 | 14.17 | 4.32 |
| | 0701 | -0.27 | -0.08 | | 0813 | 10.54 | 3.21 | | 1006 | 2.00 | 0.61 |
| | 1334 | 14.82 | 4.52 | | 1430 | 7.05 | 2.15 | | 1608 | 13.11 | 4.00 |
| | 1938 | 2.18 | 0.66 | | 1936 | 9.04 | 2.75 | | 2219 | 0.81 | 0.25 |
| Miércoles Luna Llena | | | | Sábado | | | | Martes | | | |
| 5 | 0121 | 12.65 | 3.86 | 15 | 0250 | 2.91 | 0.89 | 25 | 0453 | 12.37 | 3.77 |
| | 0726 | -0.85 | -0.26 | | 1021 | 11.98 | 3.65 | | 1043 | 4.30 | 1.31 |
| | 1356 | 15.28 | 4.66 | | 1642 | 5.70 | 1.74 | | 1637 | 11.06 | 3.37 |
| | 1959 | 1.52 | 0.46 | | 2156 | 9.66 | 2.94 | | 2253 | 2.47 | 0.75 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 6 | 0148 | 13.31 | 4.06 | 16 | 0428 | 1.21 | 0.37 | 26 | 0548 | 10.52 | 3.21 |
| | 0752 | -1.12 | -0.34 | | 1123 | 14.10 | 4.30 | | 1128 | 6.46 | 1.97 |
| | 1419 | 15.50 | 4.72 | | 1737 | 3.79 | 1.15 | | 1704 | 9.12 | 2.78 |
| | 2023 | 1.02 | 0.31 | | 2310 | 11.46 | 3.49 | | 2334 | 4.16 | 1.27 |
| Viernes | | | | Lunes | | | | Jueves | Cuarto Creciente | | |
| 7 | 0217 | 13.68 | 4.17 | 17 | 0526 | -0.82 | -0.25 | 27 | 0755 | 9.16 | 2.79 |
| | 0819 | -0.98 | -0.30 | | 1208 | 16.08 | 4.90 | | | | |
| | 1444 | 15.41 | 4.70 | | 1818 | 1.87 | 0.57 | | | | |
| | 2048 | 0.75 | 0.23 | | | | | | | | |
| Sábado | | | | Martes | | | | Viernes | | | |
| 8 | 0246 | 13.74 | 4.19 | 18 | 0002 | 13.43 | 4.09 | 28 | 0246 | 5.40 | 1.65 |
| | 0846 | -0.46 | -0.14 | | 0613 | -2.55 | -0.78 | | 1113 | 10.18 | 3.10 |
| | 1508 | 15.01 | 4.58 | | 1247 | 17.59 | 5.36 | | 1751 | 6.03 | 1.84 |
| | 2114 | 0.74 | 0.22 | | 1856 | 0.17 | 0.05 | | 2251 | 7.47 | 2.28 |
| Domingo | | | | Miércoles | | | | Sábado | | | |
| 9 | 0315 | 13.52 | 4.12 | 19 | 0047 | 15.13 | 4.61 | 29 | 0453 | 4.31 | 1.31 |
| | 0914 | 0.41 | 0.12 | | 0656 | -3.65 | -1.11 | | 1149 | 11.42 | 3.48 |
| | 1531 | 14.36 | 4.38 | | 1324 | 18.47 | 5.63 | | 1809 | 4.92 | 1.50 |
| | 2140 | 0.92 | 0.28 | | 1933 | -1.13 | -0.35 | | 2331 | 8.72 | 2.66 |
| Lunes | | | | Jueves | Luna Nueva | | | Domingo | | | |
| 10 | 0346 | 13.09 | 3.99 | 20 | 0129 | 16.31 | 4.97 | 30 | 0529 | 3.06 | 0.93 |
| | 0943 | 1.54 | 0.47 | | 0736 | -3.94 | -1.20 | | 1211 | 12.43 | 3.79 |
| | 1554 | 13.54 | 4.13 | | 1359 | 18.61 | 5.67 | | 1825 | 4.00 | 1.22 |
| | 2208 | 1.25 | 0.38 | | 2008 | -1.92 | -0.58 | | 2354 | 9.96 | 3.03 |
| | | | | | | | | Lunes | | | |
| | | | | | | | | 31 | 0554 | 1.90 | 0.58 |
| | | | | | | | | | 1228 | 13.32 | 4.06 |
| | | | | | | | | | 1837 | 3.12 | 0.95 |



**SECRETARIA DE MARINA ARMADA DE MEXICO
TABLAS NUMERICAS DE PREDICCIÓN DE MAREAS**

[MENU](#) [MAPA](#)

| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | SEPTIEMBRE 2009 | | | |
|-----------|------------|-------|--------|--------------------|------------------|-------|--------|-----------------|------------------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Martes | | | | Viernes | Cuarto Menguante | | | Lunes | | | |
| 1 | 0015 | 11.21 | 3.42 | 11 | 0556 | 11.16 | 3.40 | 21 | 0303 | 15.91 | 4.85 |
| | 0616 | 0.83 | 0.25 | | 1151 | 6.58 | 2.01 | | 0903 | 0.99 | 0.30 |
| | 1245 | 14.14 | 4.31 | | 1716 | 9.30 | 2.84 | | 1459 | 13.87 | 4.23 |
| | 1850 | 2.18 | 0.66 | | | | | | 2106 | -0.90 | -0.27 |
| Miércoles | | | | Sábado | | | | Martes | | | |
| 2 | 0037 | 12.45 | 3.80 | 12 | 0017 | 3.28 | 1.00 | 22 | 0339 | 14.38 | 4.38 |
| | 0639 | -0.06 | -0.02 | | 0822 | 10.77 | 3.28 | | 0937 | 2.87 | 0.87 |
| | 1304 | 14.87 | 4.53 | | 1525 | 6.77 | 2.06 | | 1525 | 12.09 | 3.68 |
| | 1908 | 1.21 | 0.37 | | 1959 | 8.31 | 2.53 | | 2134 | 0.58 | 0.18 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 3 | 0102 | 13.57 | 4.14 | 13 | 0300 | 3.12 | 0.95 | 23 | 0417 | 12.58 | 3.83 |
| | 0704 | -0.69 | -0.21 | | 1017 | 12.44 | 3.79 | | 1010 | 4.76 | 1.45 |
| | 1324 | 15.40 | 4.70 | | 1646 | 4.78 | 1.46 | | 1547 | 10.29 | 3.14 |
| | 1928 | 0.34 | 0.10 | | 2213 | 9.87 | 3.01 | | 2202 | 2.21 | 0.67 |
| Viernes | Luna Llena | | | Lunes | | | | Jueves | | | |
| 4 | 0128 | 14.44 | 4.40 | 14 | 0426 | 1.27 | 0.39 | 24 | 0501 | 10.71 | 3.27 |
| | 0729 | -0.95 | -0.29 | | 1110 | 14.42 | 4.40 | | 1047 | 6.53 | 1.99 |
| | 1346 | 15.65 | 4.77 | | 1727 | 2.67 | 0.81 | | 1558 | 8.63 | 2.63 |
| | 1951 | -0.30 | -0.09 | | 2312 | 12.13 | 3.70 | | 2229 | 3.87 | 1.18 |
| Sábado | | | | Martes | | | | Viernes | Cuarto Creciente | | |
| 5 | 0155 | 14.97 | 4.56 | 15 | 0518 | -0.61 | -0.19 | 25 | 0629 | 9.12 | 2.78 |
| | 0755 | -0.81 | -0.25 | | 1149 | 16.08 | 4.90 | | 2314 | 5.44 | 1.66 |
| | 1409 | 15.55 | 4.74 | | 1802 | 0.71 | 0.22 | | | | |
| | 2014 | -0.65 | -0.20 | | 2356 | 14.25 | 4.34 | | | | |
| Domingo | | | | Miércoles | | | | Sábado | | | |
| 6 | 0223 | 15.16 | 4.62 | 16 | 0601 | -2.01 | -0.61 | 26 | 1033 | 9.57 | 2.92 |
| | 0821 | -0.30 | -0.09 | | 1225 | 17.20 | 5.24 | | 1743 | 5.76 | 1.75 |
| | 1431 | 15.14 | 4.61 | | 1834 | -0.93 | -0.28 | | 2247 | 6.96 | 2.12 |
| | 2037 | -0.72 | -0.22 | | | | | | | | |
| Lunes | | | | Jueves | | | | Domingo | | | |
| 7 | 0251 | 15.02 | 4.58 | 17 | 0036 | 15.94 | 4.86 | 27 | 0421 | 5.06 | 1.54 |
| | 0849 | 0.54 | 0.16 | | 0640 | -2.73 | -0.83 | | 1109 | 10.68 | 3.26 |
| | 1453 | 14.47 | 4.41 | | 1258 | 17.69 | 5.39 | | 1742 | 4.68 | 1.43 |
| | 2102 | -0.54 | -0.16 | | 1906 | -2.10 | -0.64 | | 2311 | 8.39 | 2.56 |
| Martes | | | | Viernes | Luna Nueva | | | Lunes | | | |
| 8 | 0321 | 14.56 | 4.44 | 18 | 0114 | 17.00 | 5.18 | 28 | 0500 | 3.79 | 1.15 |
| | 0918 | 1.67 | 0.51 | | 0718 | -2.70 | -0.82 | | 1130 | 11.68 | 3.56 |
| | 1516 | 13.58 | 4.14 | | 1329 | 17.52 | 5.34 | | 1751 | 3.65 | 1.11 |
| | 2130 | -0.06 | -0.02 | | 1937 | -2.69 | -0.82 | | 2331 | 9.86 | 3.00 |
| Miércoles | | | | Sábado | | | | Martes | | | |
| 9 | 0356 | 13.73 | 4.18 | 19 | 0151 | 17.34 | 5.29 | 29 | 0525 | 2.58 | 0.79 |
| | 0952 | 3.10 | 0.95 | | 0754 | -1.97 | -0.60 | | 1148 | 12.62 | 3.85 |
| | 1543 | 12.43 | 3.79 | | 1400 | 16.75 | 5.11 | | 1801 | 2.56 | 0.78 |
| | 2204 | 0.78 | 0.24 | | 2008 | -2.66 | -0.81 | | 2352 | 11.34 | 3.46 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 10 | 0442 | 12.52 | 3.82 | 20 | 0227 | 16.95 | 5.17 | 30 | 0549 | 1.49 | 0.45 |
| | 1035 | 4.81 | 1.47 | | 0829 | -0.68 | -0.21 | | 1207 | 13.49 | 4.11 |
| | 1617 | 10.98 | 3.35 | | 1430 | 15.49 | 4.72 | | 1815 | 1.40 | 0.43 |
| | 2251 | 1.99 | 0.61 | | 2037 | -2.03 | -0.62 | | | | |



**SECRETARIA DE MARINA ARMADA DE MEXICO
TABLAS NUMERICAS DE PREDICION DE MAREAS**

[MENU](#) [MAPA](#)

| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | OCTUBRE 2009 | | | |
|-------------------|------|-------|--------|--------------------------|------|-------|--------|--------------------------|------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Jueves | | | | Domingo Cuarto Menguante | | | | Miércoles | | | |
| 1 | 0015 | 12.78 | 3.90 | 11 | 0032 | 3.23 | 0.99 | 21 | 0318 | 14.13 | 4.31 |
| | 0614 | 0.59 | 0.18 | | 0822 | 11.36 | 3.46 | | 0920 | 3.33 | 1.01 |
| | 1227 | 14.22 | 4.33 | | 1517 | 5.25 | 1.60 | | 1457 | 10.93 | 3.33 |
| | 1833 | 0.27 | 0.08 | | 2042 | 8.52 | 2.60 | | 2104 | 0.32 | 0.10 |
| Viernes | | | | Lunes | | | | Jueves | | | |
| 2 | 0039 | 14.06 | 4.28 | 12 | 0258 | 2.86 | 0.87 | 22 | 0353 | 12.63 | 3.85 |
| | 0639 | -0.03 | -0.01 | | 0952 | 12.66 | 3.86 | | 0954 | 4.64 | 1.41 |
| | 1248 | 14.73 | 4.49 | | 1623 | 3.33 | 1.01 | | 1523 | 9.56 | 2.91 |
| | 1854 | -0.70 | -0.21 | | 2211 | 10.51 | 3.20 | | 2132 | 1.69 | 0.51 |
| Sábado Luna Llena | | | | Martes | | | | Viernes | | | |
| 3 | 0105 | 15.07 | 4.59 | 13 | 0413 | 1.43 | 0.44 | 23 | 0434 | 11.09 | 3.38 |
| | 0705 | -0.31 | -0.09 | | 1043 | 14.04 | 4.28 | | 1034 | 5.84 | 1.78 |
| | 1311 | 14.95 | 4.56 | | 1704 | 1.41 | 0.43 | | 1546 | 8.24 | 2.51 |
| | 1916 | -1.43 | -0.44 | | 2303 | 12.68 | 3.86 | | 2203 | 3.12 | 0.95 |
| Domingo | | | | Miércoles | | | | Sábado | | | |
| 4 | 0132 | 15.75 | 4.80 | 14 | 0504 | 0.12 | 0.04 | 24 | 0534 | 9.70 | 2.96 |
| | 0732 | -0.25 | -0.07 | | 1122 | 15.07 | 4.59 | | 1208 | 6.79 | 2.07 |
| | 1334 | 14.87 | 4.53 | | 1737 | -0.27 | -0.08 | | 1559 | 7.00 | 2.13 |
| | 1940 | -1.86 | -0.57 | | 2345 | 14.55 | 4.44 | | 2248 | 4.57 | 1.39 |
| Lunes | | | | Jueves | | | | Domingo Cuarto Creciente | | | |
| 5 | 0201 | 16.05 | 4.89 | 15 | 0547 | -0.73 | -0.22 | 25 | 0800 | 9.02 | 2.75 |
| | 0800 | 0.15 | 0.05 | | 1157 | 15.64 | 4.77 | | 1636 | 5.83 | 1.78 |
| | 1358 | 14.50 | 4.42 | | 1809 | -1.58 | -0.48 | | 2056 | 6.32 | 1.93 |
| | 2005 | -1.97 | -0.60 | | | | | | | | |
| Martes | | | | Viernes | | | | Lunes | | | |
| 6 | 0231 | 15.93 | 4.85 | 16 | 0023 | 15.94 | 4.86 | 26 | 0221 | 5.56 | 1.69 |
| | 0830 | 0.89 | 0.27 | | 0625 | -1.05 | -0.32 | | 0947 | 9.61 | 2.93 |
| | 1424 | 13.84 | 4.22 | | 1229 | 15.74 | 4.80 | | 1650 | 4.70 | 1.43 |
| | 2034 | -1.69 | -0.52 | | 1839 | -2.44 | -0.74 | | 2223 | 7.76 | 2.36 |
| Miércoles | | | | Sábado Luna Nueva | | | | Martes | | | |
| 7 | 0305 | 15.34 | 4.67 | 17 | 0100 | 16.73 | 5.10 | 27 | 0406 | 4.65 | 1.42 |
| | 0905 | 1.98 | 0.60 | | 0702 | -0.86 | -0.26 | | 1029 | 10.46 | 3.19 |
| | 1454 | 12.86 | 3.92 | | 1300 | 15.38 | 4.69 | | 1702 | 3.54 | 1.08 |
| | 2107 | -0.96 | -0.29 | | 1909 | -2.78 | -0.85 | | 2255 | 9.34 | 2.85 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 8 | 0346 | 14.26 | 4.35 | 18 | 0135 | 16.88 | 5.14 | 28 | 0447 | 3.56 | 1.09 |
| | 0946 | 3.40 | 1.04 | | 0738 | -0.21 | -0.06 | | 1057 | 11.31 | 3.45 |
| | 1528 | 11.55 | 3.52 | | 1331 | 14.62 | 4.46 | | 1716 | 2.31 | 0.70 |
| | 2148 | 0.26 | 0.08 | | 1939 | -2.59 | -0.79 | | 2321 | 10.93 | 3.33 |
| Viernes | | | | Lunes | | | | Jueves | | | |
| 9 | 0440 | 12.81 | 3.90 | 19 | 0210 | 16.42 | 5.00 | 29 | 0517 | 2.55 | 0.78 |
| | 1043 | 5.00 | 1.52 | | 0813 | 0.78 | 0.24 | | 1122 | 12.10 | 3.69 |
| | 1614 | 9.94 | 3.03 | | 1401 | 13.56 | 4.13 | | 1735 | 1.03 | 0.31 |
| | 2246 | 1.86 | 0.57 | | 2008 | -1.93 | -0.59 | | 2347 | 12.47 | 3.80 |
| Sábado | | | | Martes | | | | Viernes | | | |
| 10 | 0606 | 11.45 | 3.49 | 20 | 0244 | 15.45 | 4.71 | 30 | 0546 | 1.67 | 0.51 |
| | 1238 | 6.17 | 1.88 | | 0847 | 2.01 | 0.61 | | 1146 | 12.77 | 3.89 |
| | 1746 | 8.36 | 2.55 | | 1430 | 12.29 | 3.75 | | 1757 | -0.20 | -0.06 |
| | | | | | 2036 | -0.92 | -0.28 | | | | |
| | | | | | | | | Sábado | | | |
| | | | | | | | | 31 | 0014 | 13.86 | 4.23 |
| | | | | | | | | | 0614 | 0.99 | 0.30 |
| | | | | | | | | | 1210 | 13.28 | 4.05 |
| | | | | | | | | | 1820 | -1.30 | -0.40 |



**SECRETARIA DE MARINA ARMADA DE MEXICO
TABLAS NUMERICAS DE PREDICION DE MAREAS**

[MENU](#) [MAPA](#)

| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | NOVIEMBRE 2009 | | | |
|-----------|------------------|-------|--------|--------------------|------------|-------|--------|----------------|------------------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Domingo | | | | Miércoles | | | | Sábado | | | |
| 1 | 0042 | 15.02 | 4.58 | 11 | 0350 | 2.11 | 0.64 | 21 | 0415 | 11.75 | 3.58 |
| | 0643 | 0.56 | 0.17 | | 1006 | 12.64 | 3.85 | | 1023 | 4.35 | 1.32 |
| | 1236 | 13.59 | 4.14 | | 1631 | 0.71 | 0.22 | | 1550 | 8.49 | 2.59 |
| | 1845 | -2.17 | -0.66 | | 2248 | 12.51 | 3.81 | | 2154 | 1.87 | 0.57 |
| Lunes | Luna Llena | | | Jueves | | | | Domingo | | | |
| 2 | 0112 | 15.86 | 4.83 | 12 | 0449 | 1.47 | 0.45 | 22 | 0458 | 10.68 | 3.25 |
| | 0713 | 0.41 | 0.13 | | 1051 | 13.02 | 3.97 | | 1114 | 4.91 | 1.50 |
| | 1304 | 13.66 | 4.16 | | 1711 | -0.51 | -0.15 | | 1634 | 7.56 | 2.30 |
| | 1913 | -2.75 | -0.84 | | 2334 | 13.98 | 4.26 | | 2235 | 3.16 | 0.96 |
| Martes | | | | Viernes | | | | Lunes | | | |
| 3 | 0144 | 16.28 | 4.96 | 13 | 0536 | 1.00 | 0.30 | 23 | 0555 | 9.72 | 2.96 |
| | 0746 | 0.58 | 0.18 | | 1131 | 13.18 | 4.02 | | 1241 | 5.19 | 1.58 |
| | 1335 | 13.44 | 4.10 | | 1746 | -1.43 | -0.44 | | 1800 | 6.80 | 2.07 |
| | 1944 | -2.92 | -0.89 | | | | | | 2341 | 4.44 | 1.35 |
| Miércoles | | | | Sábado | | | | Martes | Cuarto Creciente | | |
| 4 | 0221 | 16.21 | 4.94 | 14 | 0014 | 15.02 | 4.58 | 24 | 0721 | 9.13 | 2.78 |
| | 0823 | 1.08 | 0.33 | | 0618 | 0.79 | 0.24 | | 1436 | 4.76 | 1.45 |
| | 1410 | 12.90 | 3.93 | | 1206 | 13.11 | 4.00 | | 2037 | 7.04 | 2.15 |
| | 2020 | -2.59 | -0.79 | | 1819 | -2.01 | -0.61 | | | | |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 5 | 0302 | 15.61 | 4.76 | 15 | 0051 | 15.58 | 4.75 | 25 | 0155 | 5.17 | 1.58 |
| | 0906 | 1.92 | 0.58 | | 0657 | 0.86 | 0.26 | | 0850 | 9.16 | 2.79 |
| | 1450 | 12.00 | 3.66 | | 1240 | 12.83 | 3.91 | | 1541 | 3.76 | 1.15 |
| | 2102 | -1.71 | -0.52 | | 1851 | -2.22 | -0.68 | | 2201 | 8.36 | 2.55 |
| Viernes | | | | Lunes | Luna Nueva | | | Jueves | | | |
| 6 | 0350 | 14.56 | 4.44 | 16 | 0127 | 15.67 | 4.77 | 26 | 0344 | 4.74 | 1.44 |
| | 0958 | 2.97 | 0.90 | | 0733 | 1.18 | 0.36 | | 0947 | 9.60 | 2.93 |
| | 1538 | 10.79 | 3.29 | | 1313 | 12.37 | 3.77 | | 1619 | 2.55 | 0.78 |
| | 2153 | -0.34 | -0.10 | | 1922 | -2.10 | -0.64 | | 2244 | 9.92 | 3.02 |
| Sábado | | | | Martes | | | | Viernes | | | |
| 7 | 0450 | 13.26 | 4.04 | 17 | 0201 | 15.33 | 4.67 | 27 | 0438 | 3.91 | 1.19 |
| | 1110 | 3.95 | 1.20 | | 0808 | 1.69 | 0.51 | | 1027 | 10.19 | 3.11 |
| | 1642 | 9.46 | 2.88 | | 1344 | 11.76 | 3.58 | | 1650 | 1.24 | 0.38 |
| | 2301 | 1.25 | 0.38 | | 1951 | -1.70 | -0.52 | | 2317 | 11.52 | 3.51 |
| Domingo | | | | Miércoles | | | | Sábado | | | |
| 8 | 0612 | 12.17 | 3.71 | 18 | 0234 | 14.68 | 4.47 | 28 | 0517 | 3.00 | 0.92 |
| | 1254 | 4.24 | 1.29 | | 0840 | 2.32 | 0.71 | | 1100 | 10.84 | 3.30 |
| | 1826 | 8.61 | 2.62 | | 1415 | 11.04 | 3.37 | | 1719 | -0.11 | -0.03 |
| | | | | | 2020 | -1.08 | -0.33 | | 2349 | 13.06 | 3.98 |
| Lunes | Cuarto Menguante | | | Jueves | | | | Domingo | | | |
| 9 | 0042 | 2.47 | 0.75 | 19 | 0306 | 13.81 | 4.21 | 29 | 0552 | 2.14 | 0.65 |
| | 0748 | 11.82 | 3.60 | | 0912 | 3.01 | 0.92 | | 1133 | 11.48 | 3.50 |
| | 1432 | 3.47 | 1.06 | | 1445 | 10.25 | 3.12 | | 1749 | -1.42 | -0.43 |
| | 2028 | 9.16 | 2.79 | | 2049 | -0.27 | -0.08 | | | | |
| Martes | | | | Viernes | | | | Lunes | | | |
| 10 | 0230 | 2.65 | 0.81 | 20 | 0339 | 12.81 | 3.90 | 30 | 0022 | 14.43 | 4.40 |
| | 0908 | 12.14 | 3.70 | | 0945 | 3.69 | 1.13 | | 0627 | 1.40 | 0.43 |
| | 1542 | 2.12 | 0.65 | | 1516 | 9.40 | 2.86 | | 1208 | 12.05 | 3.67 |
| | 2152 | 10.77 | 3.28 | | 2120 | 0.71 | 0.22 | | 1821 | -2.56 | -0.78 |



**SECRETARIA DE MARINA ARMADA DE MEXICO
TABLAS NUMERICAS DE PREDICION DE MAREAS**

[MENU](#) [MAPA](#)

| ESTACIÓN | | | | PTO. PEÑASCO, SON. | | | | DICIEMBRE 2009 | | | |
|-----------|------------------|-------|--------|--------------------|------------|-------|--------|----------------|------------------|-------|--------|
| DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS | DÍA | HORA | PIES | METROS |
| Martes | | | | Viernes | | | | Lunes | | | |
| 1 | 0057 | 15.50 | 4.73 | 11 | 0438 | 3.08 | 0.94 | 21 | 0424 | 11.83 | 3.61 |
| | 0704 | 0.85 | 0.26 | | 1022 | 10.46 | 3.19 | | 1034 | 2.69 | 0.82 |
| | 1245 | 12.47 | 3.80 | | 1649 | 0.11 | 0.03 | | 1620 | 8.89 | 2.71 |
| | 1857 | -3.40 | -1.04 | | 2330 | 12.67 | 3.86 | | 2215 | 1.54 | 0.47 |
| Miércoles | Luna Llena | | | Sábado | | | | Martes | | | |
| 2 | 0136 | 16.17 | 4.93 | 12 | 0538 | 2.61 | 0.80 | 22 | 0458 | 10.88 | 3.32 |
| | 0743 | 0.56 | 0.17 | | 1114 | 10.53 | 3.21 | | 1116 | 3.09 | 0.94 |
| | 1326 | 12.64 | 3.85 | | 1734 | -0.61 | -0.19 | | 1706 | 8.15 | 2.48 |
| | 1937 | -3.80 | -1.16 | | | | | | 2255 | 2.91 | 0.89 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 3 | 0218 | 16.36 | 4.99 | 13 | 0015 | 13.59 | 4.14 | 23 | 0537 | 9.89 | 3.01 |
| | 0826 | 0.56 | 0.17 | | 0625 | 2.16 | 0.66 | | 1209 | 3.41 | 1.04 |
| | 1410 | 12.51 | 3.81 | | 1157 | 10.65 | 3.25 | | 1814 | 7.56 | 2.30 |
| | 2020 | -3.64 | -1.11 | | 1812 | -1.18 | -0.36 | | 2349 | 4.28 | 1.30 |
| Viernes | | | | Lunes | | | | Jueves | Cuarto Creciente | | |
| 4 | 0304 | 16.05 | 4.89 | 14 | 0053 | 14.17 | 4.32 | 24 | 0628 | 8.99 | 2.74 |
| | 0913 | 0.82 | 0.25 | | 0703 | 1.86 | 0.57 | | 1317 | 3.45 | 1.05 |
| | 1458 | 12.04 | 3.67 | | 1234 | 10.75 | 3.28 | | 2003 | 7.59 | 2.31 |
| | 2108 | -2.90 | -0.88 | | 1846 | -1.57 | -0.48 | | | | |
| Sábado | | | | Martes | | | | Viernes | | | |
| 5 | 0353 | 15.29 | 4.66 | 15 | 0127 | 14.42 | 4.39 | 25 | 0120 | 5.30 | 1.62 |
| | 1007 | 1.26 | 0.38 | | 0736 | 1.72 | 0.52 | | 0741 | 8.39 | 2.56 |
| | 1551 | 11.28 | 3.44 | | 1308 | 10.80 | 3.29 | | 1441 | 2.95 | 0.90 |
| | 2200 | -1.63 | -0.50 | | 1917 | -1.78 | -0.54 | | 2148 | 8.67 | 2.64 |
| Domingo | | | | Miércoles | Luna Nueva | | | Sábado | | | |
| 6 | 0448 | 14.21 | 4.33 | 16 | 0158 | 14.40 | 4.39 | 26 | 0336 | 5.26 | 1.60 |
| | 1109 | 1.70 | 0.52 | | 0806 | 1.71 | 0.52 | | 0906 | 8.38 | 2.55 |
| | 1655 | 10.38 | 3.16 | | 1338 | 10.79 | 3.29 | | 1551 | 1.85 | 0.56 |
| | 2302 | -0.02 | -0.01 | | 1945 | -1.82 | -0.55 | | 2246 | 10.29 | 3.14 |
| Lunes | | | | Jueves | | | | Domingo | | | |
| 7 | 0548 | 13.01 | 3.96 | 17 | 0227 | 14.19 | 4.33 | 27 | 0449 | 4.33 | 1.32 |
| | 1219 | 1.97 | 0.60 | | 0834 | 1.78 | 0.54 | | 1013 | 8.96 | 2.73 |
| | 1814 | 9.67 | 2.95 | | 1408 | 10.70 | 3.26 | | 1643 | 0.37 | 0.11 |
| | | | | | 2012 | -1.67 | -0.51 | | 2329 | 12.04 | 3.67 |
| Martes | Cuarto Menguante | | | Viernes | | | | Lunes | | | |
| 8 | 0017 | 1.60 | 0.49 | 18 | 0255 | 13.84 | 4.22 | 28 | 0537 | 3.15 | 0.96 |
| | 0655 | 11.87 | 3.62 | | 0900 | 1.90 | 0.58 | | 1105 | 9.87 | 3.01 |
| | 1332 | 1.94 | 0.59 | | 1438 | 10.50 | 3.20 | | 1727 | -1.26 | -0.38 |
| | 1947 | 9.57 | 2.92 | | 2040 | -1.30 | -0.40 | | | | |
| Miércoles | | | | Sábado | | | | Martes | | | |
| 9 | 0146 | 2.82 | 0.86 | 19 | 0323 | 13.33 | 4.06 | 29 | 0010 | 13.74 | 4.19 |
| | 0808 | 11.01 | 3.36 | | 0928 | 2.07 | 0.63 | | 0620 | 1.92 | 0.58 |
| | 1446 | 1.57 | 0.48 | | 1510 | 10.14 | 3.09 | | 1152 | 10.92 | 3.33 |
| | 2121 | 10.28 | 3.13 | | 2109 | -0.64 | -0.20 | | 1810 | -2.82 | -0.86 |
| Jueves | | | | Domingo | | | | Miércoles | | | |
| 10 | 0318 | 3.29 | 1.00 | 20 | 0353 | 12.66 | 3.86 | 30 | 0051 | 15.21 | 4.64 |
| | 0920 | 10.56 | 3.22 | | 0959 | 2.33 | 0.71 | | 0701 | 0.78 | 0.24 |
| | 1554 | 0.90 | 0.27 | | 1543 | 9.59 | 2.92 | | 1239 | 11.94 | 3.64 |
| | 2235 | 11.49 | 3.50 | | 2141 | 0.32 | 0.10 | | 1854 | -4.11 | -1.25 |
| | | | | | | | | Jueves | Luna Llena | | |
| | | | | | | | | 31 | 0133 | 16.32 | 4.97 |
| | | | | | | | | | 0743 | -0.17 | -0.05 |
| | | | | | | | | | 1325 | 12.76 | 3.89 |
| | | | | | | | | | 1937 | -4.90 | -1.49 |