

МУРМАНСК
шир.68°58' N долг.33°04' E
Время -3-го пояса **2015 г.**
время и высоты полных и малых вод

| А п р е л ь | | | М а й | | | И ю н ь | | |
|-------------|------------------------------|--------------------------|-------|------------------------------|--------------------------|---------|------------------------------|--------------------------|
| Ч | МИН | М | Ч | МИН | М | Ч | МИН | М |
| 1 | 0609 1214 1814 | 3.3 1.3 3.4 | 16 | 0521 1138 1737 | 3.7 1.0 3.9 | 1 | 0608 1219 1812 | 3.5 1.3 3.5 |
| 2 | 0035 0646 1253 1851 | 1.1 3.5 1.1 3.5 | 17 | 0005 0614 1232 1829 | 0.7 4.0 0.8 4.0 | 16 | 0554 1213 1809 | 4.0 0.9 3.9 |
| 3 | 0110 0719 1328 1924 | 0.9 3.6 1.0 3.6 | 18 | 0056 0701 1322 1917 | 0.4 4.2 0.6 4.2 | 1 | 0031 0639 1302 1851 | 0.9 3.7 1.1 3.5 |
| 4 | 0143 0750 1401 1958 | 0.8 3.7 0.9 3.7 | 19 | 0143 0747 1408 2005 | 0.3 4.3 0.9 4.2 | 16 | 0111 0716 1340 1930 | 0.8 3.8 0.9 3.6 |
| 5 | 0215 0822 1435 2030 | 0.7 3.8 0.9 3.7 | 20 | 0228 0832 1454 2052 | 0.3 4.4 0.4 4.2 | 17 | 0151 0754 1420 2011 | 0.7 3.9 0.8 3.6 |
| 6 | 0247 0853 1507 2103 | 0.7 3.8 0.9 3.7 | 21 | 0313 0916 1538 2138 | 0.3 4.3 0.9 4.1 | 18 | 0235 0837 1504 2105 | 0.6 3.9 0.6 3.6 |
| 7 | 0320 0925 1541 2137 | 0.7 3.9 0.9 3.7 | 22 | 0357 1000 1623 2224 | 0.5 4.2 0.6 3.9 | 19 | 0231 0833 1500 2054 | 0.7 3.9 0.7 3.7 |
| 8 | 0354 0958 1616 2211 | 0.7 3.8 0.9 3.6 | 23 | 0441 1044 1708 2313 | 0.7 4.0 0.8 3.7 | 20 | 0313 0914 1541 2137 | 0.7 3.9 0.7 3.7 |
| 9 | 0430 1033 1652 2249 | 0.8 3.7 1.0 3.5 | 24 | 0527 1130 1755 | 0.9 3.7 1.0 | 21 | 0355 0956 1624 2224 | 0.7 3.9 0.6 3.6 |
| 10 | 0508 1112 1733 2334 | 1.0 3.6 1.1 3.4 | 25 | 0615 1221 1847 | 1.1 3.9 1.2 | 22 | 0439 1041 1709 2315 | 0.8 3.9 0.6 3.6 |
| 11 | 0552 1200 1821 | 1.1 3.9 1.2 | 26 | 0711 1320 1949 | 1.2 4.0 1.4 | 23 | 0503 1105 1732 2342 | 1.0 3.7 0.9 3.4 |
| 12 | 0645 1300 1922 | 1.3 4.1 1.3 | 27 | 0819 1431 2102 | 1.4 4.2 1.5 | 24 | 0548 1150 1818 | 1.2 3.5 1.1 |
| 13 | 0752 1416 2038 | 1.4 4.4 1.3 | 28 | 0937 1543 2214 | 1.7 4.2 1.4 | 25 | 0635 1241 1909 | 1.4 4.4 1.2 |
| 14 | 0915 1532 2200 | 1.4 4.4 1.2 | 29 | 1045 1645 2310 | 1.8 4.3 1.3 | 26 | 0732 1339 2008 | 1.6 4.3 1.3 |
| 15 | 1033 1638 2308 | 1.5 4.5 0.9 | 30 | 1137 1731 2354 | 1.9 4.4 1.2 | 27 | 0838 1442 2112 | 1.7 4.1 1.4 |
| | | | | | | 28 | 0944 1553 2216 | 1.7 4.3 0.8 |
| | | | | | | 29 | 1054 1656 2319 | 1.8 4.4 0.7 |
| | | | | | | 30 | 1207 1727 2350 | 1.9 4.5 1.1 |
| | | | | | | 31 | 0602 1222 1810 | 3.5 1.2 3.4 |

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| И ю л ь | | | | А в г у с т | | | | С е н т я б р ь | | | |
|---------|------|-----|--|-------------|------|-----|--|-----------------|------|-----|--|
| Ч | МИН | М | | Ч | МИН | М | | Ч | МИН | М | |
| 1 | 0042 | 0.8 | | 16 | 0136 | 0.8 | | 1 | 0304 | 0.2 | |
| | 0647 | 3.7 | | | 0740 | 3.8 | | | 0902 | 4.2 | |
| | 1315 | 0.9 | | | 1406 | 0.7 | | | 1530 | 0.0 | |
| | 1905 | 3.5 | | | 2007 | 3.6 | | | 2133 | 4.1 | |
| 2 | 0127 | 0.7 | | 17 | 0218 | 0.8 | | 2 | 0350 | 0.2 | |
| | 0729 | 3.9 | | | 0820 | 3.8 | | | 0949 | 4.2 | |
| | 1351 | 0.7 | | | 1446 | 0.7 | | | 1615 | 0.0 | |
| | 1951 | 3.6 | | | 2048 | 3.6 | | | 2220 | 4.0 | |
| 3 | 0211 | 0.6 | | 18 | 0258 | 0.8 | | 3 | 0436 | 0.4 | |
| | 0812 | 4.0 | | | 0859 | 3.8 | | | 1037 | 4.0 | |
| | 1441 | 0.6 | | | 1525 | 0.7 | | | 1701 | 0.2 | |
| | 2037 | 3.7 | | | 2128 | 3.6 | | | 2309 | 3.9 | |
| 4 | 0255 | 0.5 | | 19 | 0336 | 0.8 | | 4 | 0524 | 0.5 | |
| | 0856 | 4.0 | | | 0937 | 3.8 | | | 1127 | 3.8 | |
| | 1525 | 0.9 | | | 1601 | 0.7 | | | 1750 | 0.5 | |
| | 2123 | 3.8 | | | 2207 | 3.5 | | | | | |
| 5 | 0340 | 0.5 | | 20 | 0413 | 0.9 | | 5 | 0001 | 3.6 | |
| | 0940 | 4.1 | | | 1014 | 3.7 | | | 0615 | 0.8 | |
| | 1609 | 0.4 | | | 1637 | 0.7 | | | 1225 | 0.9 | |
| | 2212 | 3.8 | | | 2245 | 3.5 | | | 1844 | 3.8 | |
| 6 | 0425 | 0.6 | | 21 | 0450 | 1.0 | | 6 | 0102 | 3.4 | |
| | 1026 | 4.0 | | | 1050 | 3.6 | | | 0716 | 1.0 | |
| | 1655 | 0.4 | | | 1714 | 0.8 | | | 1335 | 3.2 | |
| | 2302 | 3.7 | | | 2323 | 3.4 | | | 1948 | 1.0 | |
| 7 | 0512 | 0.7 | | 22 | 0527 | 1.1 | | 7 | 0215 | 3.2 | |
| | 1115 | 3.9 | | | 1128 | 3.9 | | | 0829 | 1.2 | |
| | 1743 | 0.9 | | | 1751 | 0.9 | | | 1459 | 1.2 | |
| | 2356 | 3.6 | | | | | | | 2106 | 1.2 | |
| 8 | 0602 | 0.9 | | 23 | 0004 | 3.3 | | 8 | 0334 | 3.1 | |
| | 1208 | 3.8 | | | 0606 | 1.1 | | | 0955 | 1.3 | |
| | 1835 | 0.6 | | | 1209 | 3.3 | | | 1621 | 1.2 | |
| | | | | | 1831 | 1.1 | | | 2226 | 1.2 | |
| 9 | 0057 | 3.5 | | 24 | 0050 | 3.2 | | 9 | 0445 | 3.2 | |
| | 0659 | 1.0 | | | 0651 | 1.4 | | | 1111 | 1.2 | |
| | 1310 | 0.8 | | | 1256 | 3.2 | | | 1725 | 3.1 | |
| | 1933 | 0.8 | | | 1917 | 1.2 | | | 2331 | 1.1 | |
| 10 | 0204 | 3.5 | | 25 | 0143 | 3.1 | | 10 | 0541 | 3.3 | |
| | 0804 | 1.2 | | | 0745 | 1.6 | | | 1205 | 1.0 | |
| | 1420 | 3.4 | | | 1352 | 3.1 | | | 1815 | 3.3 | |
| | 2040 | 0.9 | | | 2013 | 1.3 | | | | | |
| 11 | 0314 | 3.4 | | 26 | 0243 | 3.1 | | 11 | 0021 | 1.0 | |
| | 0919 | 3.3 | | | 0851 | 1.6 | | | 0626 | 3.4 | |
| | 1533 | 1.0 | | | 1456 | 3.0 | | | 1248 | 0.8 | |
| | 2152 | 1.0 | | | 2118 | 1.3 | | | 1856 | 3.4 | |
| 12 | 0420 | 3.5 | | 27 | 0344 | 3.2 | | 12 | 0101 | 0.9 | |
| | 1035 | 3.2 | | | 1003 | 1.5 | | | 0703 | 3.9 | |
| | 1642 | 0.4 | | | 1600 | 3.1 | | | 1325 | 0.7 | |
| | 2300 | 0.9 | | | 2225 | 1.2 | | | 1931 | 3.5 | |
| 13 | 0519 | 3.6 | | 28 | 0441 | 3.3 | | 13 | 0138 | 0.8 | |
| | 1141 | 1.1 | | | 1108 | 1.4 | | | 0738 | 3.6 | |
| | 1742 | 3.4 | | | 1659 | 3.2 | | | 1358 | 0.6 | |
| | | | | | 2324 | 1.1 | | | 2004 | 3.5 | |
| 14 | 0000 | 0.9 | | 29 | 0532 | 3.5 | | 14 | 0212 | 0.7 | |
| | 0611 | 3.7 | | | 1203 | 1.1 | | | 0811 | 0.6 | |
| | 1236 | 0.9 | | | 1753 | 3.4 | | | 1430 | 3.6 | |
| | 1836 | 3.5 | | | | | | | 2036 | 3.6 | |
| 15 | 0051 | 0.8 | | 30 | 0017 | 0.9 | | 15 | 0245 | 0.7 | |
| | 0657 | 3.8 | | | 0620 | 3.7 | | | 0844 | 0.6 | |
| | 1323 | 0.8 | | | 1251 | 3.6 | | | 1502 | 3.6 | |
| | 1923 | 3.6 | | | 1843 | 3.6 | | | 2107 | 3.6 | |
| | | | | 31 | 0105 | 0.7 | | | | | |
| | | | | | 0706 | 3.6 | | | | | |
| | | | | | 1339 | 0.6 | | | | | |
| | | | | | 1931 | 3.7 | | | | | |
| | | | | | | | | 31 | 0219 | 0.3 | |
| | | | | | | | | | 0816 | 4.3 | |
| | | | | | | | | | 1445 | 0.0 | |
| | | | | | | | | | 2046 | 4.1 | |

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| О к т я б р ь | | | Н о я б р ь | | | Д е к а б р ь | | |
|---------------|------|-----|-------------|------|-----|---------------|------|-----|
| Ч | МИН | М | Ч | МИН | М | Ч | МИН | М |
| 1 | 0331 | 0.2 | 16 | 0326 | 0.7 | 1 | 0514 | 0.6 |
| | 0930 | 4.1 | | 0922 | 3.5 | | 1122 | 3.3 |
| | 1553 | 0.0 | | 1538 | 0.6 | | 1730 | 0.9 |
| | 2157 | 4.1 | | 2142 | 3.6 | | 2330 | 3.5 |
| | | | | | | 16 | 0445 | 0.5 |
| | | | | | | | 1047 | 3.4 |
| | | | | | | | 1659 | 0.7 |
| | | | | | | | 2301 | 3.7 |
| 2 | 0417 | 0.3 | 17 | 0400 | 0.8 | 2 | 0600 | 0.8 |
| | 1017 | 3.9 | | 0955 | 3.4 | | 1215 | 3.2 |
| | 1640 | 0.2 | | 1613 | 0.7 | | 1818 | 1.2 |
| | 2244 | 3.9 | | 2215 | 3.5 | | | |
| | | | | | | 17 | 0530 | 0.6 |
| | | | | | | | 1138 | 3.4 |
| | | | | | | | 1746 | 0.9 |
| | | | | | | | 2351 | 3.6 |
| 3 | 0505 | 0.5 | 18 | 0435 | 0.8 | 3 | 0020 | 3.3 |
| | 1107 | 3.7 | | 1032 | 3.3 | | 0651 | 1.0 |
| | 1728 | 0.5 | | 1649 | 0.8 | | 1315 | 3.0 |
| | 2334 | 3.6 | | 2252 | 3.4 | | 1913 | 1.4 |
| | | | | | | 18 | 0620 | 0.7 |
| | | | | | | | 1237 | 3.3 |
| | | | | | | | 1840 | 1.0 |
| 4 | 0555 | 0.7 | 19 | 0514 | 0.9 | 4 | 0118 | 3.1 |
| | 1204 | 3.4 | | 1113 | 3.2 | | 0749 | 1.1 |
| | 1820 | 0.8 | | 1730 | 1.0 | | 1424 | 2.9 |
| | | | | 2336 | 3.3 | | 2018 | 1.5 |
| | | | | | | 19 | 0050 | 3.4 |
| | | | | | | | 0717 | 0.8 |
| | | | | | | | 1347 | 3.3 |
| | | | | | | | 1944 | 1.2 |
| 5 | 0030 | 3.4 | 20 | 0559 | 1.1 | 5 | 0224 | 3.0 |
| | 0652 | 1.0 | | 1205 | 3.1 | | 0854 | 1.2 |
| | 1313 | 3.1 | | 1819 | 1.1 | | 1530 | 3.0 |
| | 1921 | 1.1 | | | | | 2131 | 1.5 |
| | | | | | | 20 | 0200 | 3.3 |
| | | | | | | | 0824 | 0.8 |
| | | | | | | | 1459 | 3.2 |
| | | | | | | | 2100 | 1.2 |
| 6 | 0140 | 3.1 | 21 | 0032 | 3.2 | 6 | 0330 | 2.9 |
| | 0802 | 1.2 | | 0654 | 1.2 | | 0959 | 1.2 |
| | 1437 | 3.0 | | 1315 | 3.0 | | 1628 | 3.1 |
| | 2037 | 1.3 | | 1922 | 1.3 | | 2238 | 1.4 |
| | | | | | | 21 | 0313 | 3.3 |
| | | | | | | | 0937 | 0.8 |
| | | | | | | | 1606 | 3.4 |
| | | | | | | | 2218 | 1.1 |
| 7 | 0301 | 3.0 | 22 | 0144 | 3.1 | 7 | 0430 | 3.0 |
| | 0926 | 1.2 | | 0806 | 1.2 | | 1054 | 1.1 |
| | 1600 | 3.0 | | 1437 | 3.0 | | 1715 | 3.2 |
| | 2200 | 1.4 | | 2040 | 1.3 | | 2330 | 1.3 |
| | | | | | | 22 | 0422 | 3.4 |
| | | | | | | | 1046 | 0.7 |
| | | | | | | | 1706 | 3.0 |
| | | | | | | | 2325 | 1.0 |
| 8 | 0415 | 3.0 | 23 | 0300 | 3.2 | 8 | 0519 | 3.1 |
| | 1042 | 1.2 | | 0926 | 1.1 | | 1140 | 1.0 |
| | 1704 | 3.1 | | 1551 | 3.2 | | 1756 | 3.3 |
| | 2308 | 1.3 | | 2200 | 1.2 | | | |
| | | | | | | 23 | 0525 | 3.5 |
| | | | | | | | 1147 | 0.8 |
| | | | | | | | 1800 | 3.8 |
| 9 | 0514 | 3.2 | 24 | 0408 | 3.3 | 9 | 0015 | 1.1 |
| | 1137 | 1.0 | | 1037 | 0.8 | | 0603 | 3.2 |
| | 1753 | 3.2 | | 1652 | 3.4 | | 1221 | 0.8 |
| | 2358 | 1.1 | | 2308 | 1.0 | | 1832 | 3.5 |
| | | | | | | 24 | 0023 | 0.8 |
| | | | | | | | 0620 | 3.6 |
| | | | | | | | 1240 | 0.9 |
| | | | | | | | 1848 | 3.9 |
| 10 | 0559 | 3.3 | 25 | 0507 | 3.6 | 10 | 0053 | 1.0 |
| | 1220 | 0.9 | | 1136 | 0.9 | | 0642 | 3.3 |
| | 1832 | 3.4 | | 1745 | 3.7 | | 1300 | 0.7 |
| | | | | | | | 1907 | 3.6 |
| | | | | | | 25 | 0114 | 0.6 |
| | | | | | | | 0711 | 3.7 |
| | | | | | | | 1329 | 0.9 |
| | | | | | | | 1934 | 4.0 |
| 11 | 0038 | 1.0 | 26 | 0004 | 0.7 | 11 | 0130 | 0.8 |
| | 0637 | 3.4 | | 0600 | 3.8 | | 0721 | 3.4 |
| | 1255 | 0.7 | | 1228 | 0.9 | | 1337 | 0.6 |
| | 1905 | 3.5 | | 1834 | 4.0 | | 1943 | 3.7 |
| | | | | | | 26 | 0200 | 0.5 |
| | | | | | | | 0759 | 3.7 |
| | | | | | | | 1415 | 0.9 |
| | | | | | | | 2017 | 4.0 |
| 12 | 0114 | 0.9 | 27 | 0054 | 0.4 | 12 | 0207 | 0.7 |
| | 0711 | 3.9 | | 0649 | 4.0 | | 0759 | 3.4 |
| | 1328 | 0.6 | | 1315 | 0.1 | | 1416 | 0.8 |
| | 1936 | 3.6 | | 1920 | 4.1 | | 2020 | 3.8 |
| | | | | | | 27 | 0245 | 0.4 |
| | | | | | | | 0845 | 3.7 |
| | | | | | | | 1456 | 0.9 |
| | | | | | | | 2100 | 4.0 |
| 13 | 0147 | 0.8 | 28 | 0142 | 0.3 | 13 | 0245 | 0.6 |
| | 0743 | 3.9 | | 0737 | 4.1 | | 0838 | 3.8 |
| | 1400 | 0.6 | | 1402 | 0.0 | | 1459 | 0.9 |
| | 2007 | 3.6 | | 2005 | 4.2 | | 2056 | 3.8 |
| | | | | | | 28 | 0328 | 0.4 |
| | | | | | | | 0930 | 3.6 |
| | | | | | | | 1541 | 0.8 |
| | | | | | | | 2141 | 3.9 |
| 14 | 0220 | 0.7 | 29 | 0228 | 0.2 | 14 | 0323 | 0.6 |
| | 0816 | 3.6 | | 0824 | 4.1 | | 0919 | 3.8 |
| | 1432 | 0.6 | | 1447 | 0.0 | | 1535 | 0.9 |
| | 2037 | 3.7 | | 2050 | 4.2 | | 2136 | 3.8 |
| | | | | | | 29 | 0409 | 0.5 |
| | | | | | | | 1013 | 3.6 |
| | | | | | | | 1622 | 0.9 |
| | | | | | | | 2222 | 3.8 |
| 15 | 0253 | 0.7 | 30 | 0314 | 0.2 | 15 | 0403 | 0.5 |
| | 0848 | 3.5 | | 0912 | 4.0 | | 1002 | 3.8 |
| | 1505 | 0.9 | | 1535 | 0.2 | | 1615 | 0.9 |
| | 2109 | 3.7 | | 2135 | 4.1 | | 2217 | 3.8 |
| | | | | | | 30 | 0450 | 0.6 |
| | | | | | | | 1057 | 3.6 |
| | | | | | | | 1703 | 0.9 |
| | | | | | | | 2302 | 3.6 |
| | | | 31 | 0400 | 0.3 | | | |
| | | | | 1000 | 3.8 | | | |
| | | | | 1619 | 0.4 | | | |
| | | | | 2221 | 3.9 | | | |
| | | | | | | 31 | 0531 | 0.7 |
| | | | | | | | 1140 | 3.3 |
| | | | | | | | 1744 | 1.1 |
| | | | | | | | 2344 | 3.4 |