

# ENGLAND — PENZANCE (NEWLYN)

LAT 50°06'N LONG 5°33'W

TIME ZONE UT(GMT)

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

YEAR 2018

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0331 M 1557 O 2240	5.5 0.9 5.6 0.8	<b>16</b> 0416 TU 1634 O 2309	5.2 1.3 5.1 1.2	<b>1</b> 0502 TH 1727	5.8 0.4 5.7	<b>16</b> 0505 F 1720 O 2358	5.4 1.0 5.2 1.0	<b>1</b> 0402 TH 1048 O 2308	5.6 0.6 5.5 0.6	<b>16</b> 0405 F 1044 O 2300	5.2 1.0 5.1 1.0	<b>1</b> 0508 SU 1728	5.7 0.5 5.6	<b>16</b> 0442 M 1700 ● 2345	5.6 0.7 5.5 0.7
<b>2</b> 0423 TU 1649 O 2331	5.7 0.6 5.7 0.6	<b>17</b> 0452 W 1708 ● 2343	5.3 1.2 5.1 1.2	<b>2</b> 0009 F 1238 O 1811	0.5 5.9 0.4 5.7	<b>17</b> 0537 SA 1752	5.5 0.9 5.3	<b>2</b> 0448 F 1711 O 2353	5.8 0.4 5.6 0.4	<b>17</b> 0438 SA 1655 ● 2335	5.4 0.9 5.3 0.8	<b>2</b> 0011 M 1232 O 1803	0.5 5.7 0.6 5.6	<b>17</b> 0519 TU 1738	5.7 0.6 5.6
<b>3</b> 0513 W 1738	5.9 0.5 5.7	<b>18</b> 0525 TH 1740	5.4 1.1 5.2	<b>3</b> 0055 SA 1322 O 1853	0.5 5.9 0.5 5.5	<b>18</b> 0032 SU 1251 O 1824	0.9 5.5 0.9 5.3	<b>3</b> 0531 SA 1751	5.9 0.4 5.7	<b>18</b> 0511 SU 1727	5.5 0.7 5.4	<b>3</b> 0048 TU 1306 O 1838	0.6 5.6 0.7 5.4	<b>18</b> 0024 W 1242 O 1816	0.6 5.7 0.6 5.6
<b>4</b> 0021 TH 1251 O 1825	0.6 5.9 0.5 5.6	<b>19</b> 0016 F 1237 O 1812	1.1 5.4 1.1 5.1	<b>4</b> 0138 SU 1404 O 1934	0.6 5.7 0.7 5.3	<b>19</b> 0106 M 1325 O 1858	0.9 5.5 0.9 5.2	<b>4</b> 0034 SU 1259 O 1829	0.4 5.8 0.4 5.6	<b>19</b> 0010 M 1228 O 1801	0.7 5.6 0.7 5.5	<b>4</b> 0122 W 1339 O 1912	0.8 5.3 1.0 5.2	<b>19</b> 0103 TH 1321 O 1857	0.7 5.5 0.8 5.5
<b>5</b> 0109 F 1339 O 1912	0.7 5.8 0.6 5.5	<b>20</b> 0050 SA 1311 O 1845	1.1 5.4 1.1 5.1	<b>5</b> 0218 M 1444 O 2014	0.9 5.4 1.0 5.1	<b>20</b> 0140 TU 1400 O 1933	1.0 5.4 1.0 5.1	<b>5</b> 0114 M 1336 O 1906	0.6 5.7 0.6 5.4	<b>20</b> 0045 TU 1303 O 1836	0.7 5.6 0.7 5.4	<b>5</b> 0154 TH 1410 O 1947	1.1 5.1 1.3 5.0	<b>20</b> 0144 F 1402 O 1941	0.9 5.3 1.0 5.3
<b>6</b> 0156 SA 1426 O 1958	0.8 5.6 0.9 5.2	<b>21</b> 0124 SU 1345 O 1919	1.2 5.3 1.2 5.0	<b>6</b> 0258 TU 1525 O 2058	1.2 5.1 1.3 4.8	<b>21</b> 0216 W 1437 O 2012	1.1 5.2 1.2 5.0	<b>6</b> 0150 TU 1411 O 1942	0.8 5.4 0.9 5.2	<b>21</b> 0121 W 1339 O 1913	0.8 5.5 0.8 5.3	<b>6</b> 0226 F 1442 O 2025	1.4 4.8 1.6 4.7	<b>21</b> 0229 SA 1449 O 2032	1.1 5.1 1.3 5.0
<b>7</b> 0242 SU 1514 O 2046	1.1 5.4 1.1 4.9	<b>22</b> 0159 M 1422 O 1955	1.3 5.2 1.3 4.9	<b>7</b> 0341 W 1610 C 2148	1.5 4.8 1.7 4.5	<b>22</b> 0256 TH 1519 O 2058	1.3 5.0 1.4 4.8	<b>7</b> 0225 W 1446 O 2020	1.1 5.1 1.3 4.9	<b>22</b> 0158 TH 1417 O 1952	0.9 5.3 1.0 5.1	<b>7</b> 0303 SA 1521 O 2113	1.7 4.5 1.9 4.4	<b>22</b> 0322 SU 1546 D 2136	1.4 4.7 1.6 4.8
<b>8</b> 0330 M 1604 C 2139	1.4 5.1 1.4 4.7	<b>23</b> 0237 TU 1501 O 2037	1.4 5.1 1.4 4.8	<b>8</b> 0430 TH 1706 O 2254	1.8 4.5 1.9 4.3	<b>23</b> 0344 F 1614 D 2159	1.5 4.8 1.6 4.6	<b>8</b> 0301 TH 1522 O 2102	1.4 4.8 1.6 4.6	<b>23</b> 0239 F 1500 O 2040	1.2 5.1 1.3 4.9	<b>8</b> 0350 SU 1616 C 2224	2.0 4.1 2.2 4.2	<b>23</b> 0428 M 1659 O 2258	1.6 4.5 1.8 4.6
<b>9</b> 0423 TU 1701 O 2242	1.6 4.8 1.7 4.5	<b>24</b> 0320 W 1548 D 2128	1.6 4.9 1.6 4.6	<b>9</b> 0535 F 1818	2.1 4.2 2.1	<b>24</b> 0449 SA 1726 O 2319	1.7 4.6 1.8 4.5	<b>9</b> 0341 F 1606 C 2158	1.8 4.4 2.0 4.3	<b>24</b> 0328 SA 1554 D 2141	1.4 4.8 1.6 4.6	<b>9</b> 0500 M 1110 O 2356	2.2 3.9 2.3 4.1	<b>24</b> 0550 TU 1826	1.7 4.4 1.8
<b>10</b> 0525 W 1806 O 2354	1.9 4.6 1.8 4.4	<b>25</b> 0413 TH 1647 O 2231	1.7 4.7 1.7 4.5	<b>10</b> 0014 SA 1251 O 1933	4.2 2.1 4.2 2.0	<b>25</b> 0611 SU 1852	1.8 4.5 1.8	<b>10</b> 0435 SA 1712 O 2319	2.1 4.1 2.2 4.1	<b>25</b> 0433 SU 1707 O 2305	1.7 4.5 1.8 4.5	<b>10</b> 0633 TU 1912	2.2 4.0 2.2	<b>25</b> 0027 W 1312 O 1946	4.7 1.5 4.6 1.6
<b>11</b> 0634 TH 1224 O 1914	2.0 4.5 1.9	<b>26</b> 0520 F 1759 O 2349	1.8 4.6 1.7 4.5	<b>11</b> 0130 SU 1402 O 2039	4.3 4.3 1.9	<b>26</b> 0053 M 1335 O 2014	4.6 4.6 1.5	<b>11</b> 0557 SU 1843	2.2 4.0 2.3	<b>26</b> 0558 M 1838	1.8 4.4 1.8	<b>11</b> 0112 W 1351 O 2018	4.3 4.3 1.9	<b>26</b> 0139 TH 1415 O 2050	4.9 4.9 1.3
<b>12</b> 0105 F 1333 O 2016	4.5 1.9 4.5 1.8	<b>27</b> 0638 SA 1916	1.8 4.7 1.6	<b>12</b> 0230 M 1456 O 2131	4.6 1.8 4.6 1.6	<b>27</b> 0210 TU 1444 O 2122	4.9 1.3 5.0 1.2	<b>12</b> 0047 M 1329 O 2002	4.2 2.2 4.1 2.1	<b>27</b> 0042 TU 1328 O 2003	4.6 1.6 4.6 1.6	<b>12</b> 0208 TH 1438 O 2108	4.6 1.6 4.6 1.6	<b>27</b> 0237 F 1505 O 2142	5.2 1.0 5.1 1.0
<b>13</b> 0205 SA 1429 O 2109	4.6 1.8 4.6 1.6	<b>28</b> 0110 SU 1345 O 2028	4.7 1.6 4.9 1.4	<b>13</b> 0317 TU 1539 O 2213	4.8 1.5 4.8 1.4	<b>28</b> 0311 W 1539 O 2219	5.2 0.9 5.3 0.8	<b>13</b> 0157 TU 1430 O 2101	4.4 1.9 4.4 1.8	<b>28</b> 0159 W 1434 O 2110	4.9 1.2 4.9 1.2	<b>13</b> 0252 F 1516 O 2151	4.9 1.3 4.9 1.3	<b>28</b> 0324 SA 1547 O 2227	5.4 0.8 5.3 0.8
<b>14</b> 0255 SU 1517 O 2154	4.8 1.6 4.8 1.5	<b>29</b> 0221 M 1451 O 2132	5.0 1.2 5.1 1.1	<b>14</b> 0357 W 1616 O 2250	5.1 1.3 5.0 1.2	<b>14</b> 0248 W 1514 O 2146	4.7 4.7 1.5	<b>14</b> 0248 W 1514 O 2146	4.7 4.7 1.5	<b>29</b> 0258 TH 1525 O 2204	5.2 0.9 5.2 0.9	<b>14</b> 0330 SA 1550 O 2230	5.2 1.0 5.2 1.0	<b>29</b> 0406 SU 1626 O 2308	5.5 0.7 5.5 0.8
<b>15</b> 0338 M 1557 O 2233	5.0 1.4 4.9 1.3	<b>30</b> 0321 TU 1548 O 2229	5.3 0.9 5.4 0.8	<b>15</b> 0432 TH 1649 ● 2325	5.2 1.1 5.1 1.1	<b>15</b> 0329 TH 1550 O 2225	5.0 1.3 4.9 1.2	<b>15</b> 0329 TH 1550 O 2225	5.0 1.3 4.9 1.2	<b>30</b> 0346 F 1031 O 2250	5.5 0.6 5.4 0.7	<b>15</b> 0406 SU 1048 O 2308	5.4 0.8 5.4 0.8	<b>30</b> 0444 M 1128 O 2345	5.5 0.7 5.5 0.8
		<b>31</b> 0414 W 1639 O 2321	5.6 5.6 0.6					<b>31</b> 0429 SA 1650 O 2332	5.7 5.6 0.5						

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TIMES AND HEIGHTS OF HIGH AND LOW WATERS

YEAR 2018

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0520 1203 TU 1738	5.5 0.8 5.5	<b>16</b> 0455 1139 W 1716	5.6 0.6 5.7	<b>1</b> 0030 0606 F 1244 1824	1.1 5.1 1.2 5.2	<b>16</b> 0038 0614 SA 1258 1837	0.6 5.5 0.7 5.7	<b>1</b> 0046 0621 SU 1258 1840	1.2 5.0 1.3 5.2	<b>16</b> 0117 0652 M 1335 1914	0.5 5.5 0.7 5.7	<b>1</b> 0133 0706 W 1346 1925	1.2 5.0 1.3 5.2	<b>16</b> 0226 0757 TH 1442 2017	0.8 5.2 1.0 5.3
<b>2</b> 0020 0554 W 1237 1812	0.8 5.4 0.9 5.4	<b>17</b> 0004 0538 TH 1223 1800	0.6 5.6 0.7 5.7	<b>2</b> 0104 0639 SA 1317 1859	1.2 5.0 1.4 5.1	<b>17</b> 0128 0704 SU 1347 1927	0.7 5.4 0.9 5.5	<b>2</b> 0120 0655 M 1332 1915	1.3 4.9 1.4 5.1	<b>17</b> 0205 0739 TU 1422 2001	0.6 5.3 0.9 5.5	<b>2</b> 0207 0740 TH 1422 2001	1.3 4.9 1.4 5.0	<b>17</b> 0308 0840 F 1525 2101	1.2 5.0 1.4 4.9
<b>3</b> 0054 0627 TH 1309 1846	1.0 5.2 1.1 5.2	<b>18</b> 0049 0624 F 1307 1846	0.7 5.5 0.8 5.6	<b>3</b> 0138 0714 SU 1350 1935	1.4 4.8 1.5 4.9	<b>18</b> 0218 0755 M 1437 2019	0.8 5.2 1.1 5.3	<b>3</b> 0154 0730 TU 1408 1951	1.4 4.8 1.5 5.0	<b>18</b> 0253 0826 W 1510 2049	0.9 5.1 1.1 5.2	<b>3</b> 0243 0818 F 1501 2041	1.4 4.8 1.6 4.9	<b>18</b> 0352 0928 SA 1613 2153	1.5 4.7 1.7 4.6
<b>4</b> 0127 0700 F 1340 1920	1.2 5.0 1.3 5.1	<b>19</b> 0135 0712 SA 1354 1935	0.8 5.3 1.0 5.4	<b>4</b> 0214 0751 M 1427 2015	1.5 4.6 1.7 4.8	<b>19</b> 0310 0849 TU 1530 2114	1.0 5.0 1.3 5.1	<b>4</b> 0232 0808 W 1447 2031	1.5 4.7 1.6 4.8	<b>19</b> 0341 0916 TH 1559 2140	1.2 4.9 1.4 4.9	<b>4</b> 0325 0902 SA 1547 2130	1.6 4.6 1.7 4.7	<b>19</b> 0445 1029 SU 1713 2301	1.8 4.4 2.0 4.3
<b>5</b> 0159 0734 SA 1412 1957	1.4 4.8 1.6 4.8	<b>20</b> 0224 0803 SU 1444 2028	1.0 5.1 1.2 5.2	<b>5</b> 0255 0834 TU 1511 2103	1.7 4.4 1.9 4.6	<b>20</b> 0407 0948 W 1628 2216	1.3 4.7 1.5 4.9	<b>5</b> 0313 0851 TH 1531 2118	1.6 4.5 1.8 4.7	<b>20</b> 0433 1013 F 1656 2240	1.4 4.6 1.6 4.7	<b>5</b> 0416 0959 SU 1646 2232	1.7 4.5 1.8 4.6	<b>20</b> 0552 1147 M 1829	2.1 4.3 2.1
<b>6</b> 0235 0813 SU 1450 2041	1.6 4.5 1.8 4.6	<b>21</b> 0319 0901 M 1541 2130	1.2 4.8 1.5 4.9	<b>6</b> 0343 0928 W 1605 2201	1.9 4.3 2.0 4.5	<b>21</b> 0509 1056 TH 1734 2324	1.4 4.6 1.6 4.8	<b>6</b> 0401 0943 F 1625 2213	1.7 4.4 1.9 4.6	<b>21</b> 0533 1119 SA 1800 2350	1.7 4.5 1.8 4.5	<b>6</b> 0521 1110 M 1759 2349	1.8 4.5 1.9 4.6	<b>21</b> 0025 0708 TU 1306 1945	4.2 2.1 4.4 2.0
<b>7</b> 0319 0902 M 1538 2138	1.9 4.3 2.1 4.4	<b>22</b> 0422 1010 TU 1648 2243	1.4 4.6 1.7 4.8	<b>7</b> 0443 1035 TH 1711 2309	1.9 4.2 2.1 4.4	<b>22</b> 0616 1206 F 1842	1.5 4.6 1.6	<b>7</b> 0459 1046 SA 1729 2319	1.8 4.4 1.9 4.6	<b>22</b> 0639 1231 SU 1909	1.8 4.5 1.9	<b>7</b> 0637 1232 TU 1919	1.7 4.6 1.7	<b>22</b> 0141 0818 W 1410 2050	4.3 1.9 4.6 1.8
<b>8</b> 0417 1013 TU 1645 2256	2.1 4.1 2.2 4.2	<b>23</b> 0535 1130 W 1805	1.5 4.5 1.7	<b>8</b> 0551 1149 F 1823	1.9 4.3 2.0	<b>23</b> 0033 0720 SA 1312 1947	4.7 1.5 4.6 1.6	<b>8</b> 0605 1157 SU 1840	1.7 4.5 1.8	<b>23</b> 0101 0745 M 1337 2015	4.5 1.8 4.6 1.8	<b>8</b> 0109 0751 W 1347 2031	4.7 1.6 4.9 1.4	<b>23</b> 0239 0914 TH 1500 2140	4.5 1.7 4.8 1.6
<b>9</b> 0533 1144 W 1809	2.1 4.0 2.2	<b>24</b> 0001 0650 TH 1245 1918	4.8 1.5 4.6 1.6	<b>9</b> 0017 0659 SA 1254 1929	4.5 1.7 4.5 1.8	<b>24</b> 0137 0820 SU 1408 2045	4.8 1.5 4.8 1.5	<b>9</b> 0028 0713 M 1305 1948	4.7 1.6 4.7 1.6	<b>24</b> 0205 0845 TU 1433 2112	4.6 1.7 4.7 1.6	<b>9</b> 0219 0859 TH 1450 2136	5.0 1.3 5.2 1.1	<b>24</b> 0324 0959 F 1541 2221	4.8 1.5 5.1 1.4
<b>10</b> 0014 0652 TH 1256 1923	4.3 2.0 4.2 2.0	<b>25</b> 0111 0756 F 1347 2021	4.9 1.3 4.8 1.4	<b>10</b> 0116 0759 SU 1348 2027	4.8 1.5 4.8 1.5	<b>25</b> 0230 0912 M 1456 2136	4.8 1.4 4.9 1.4	<b>10</b> 0134 0817 TU 1407 2051	4.9 1.4 5.0 1.3	<b>25</b> 0257 0936 W 1520 2200	4.7 1.5 4.9 1.5	<b>10</b> 0319 1000 F 1546 2233	5.2 1.0 5.5 0.8	<b>25</b> 0402 1036 SA 1617 2257	5.0 1.3 5.3 1.2
<b>11</b> 0117 0755 F 1350 2021	4.5 1.7 4.5 1.7	<b>26</b> 0209 0853 SA 1438 2115	5.0 1.2 5.0 1.2	<b>11</b> 0209 0852 M 1437 2120	5.0 1.2 5.1 1.2	<b>26</b> 0317 0958 TU 1539 2220	4.9 1.3 5.1 1.3	<b>11</b> 0233 0916 W 1503 2149	5.1 1.1 5.3 1.0	<b>26</b> 0341 1019 TH 1601 2241	4.8 1.4 5.1 1.3	<b>11</b> 0413 1054 SA 1636 2325	5.5 0.7 5.8 0.5	<b>26</b> 0435 1111 SU 1650 2330	5.1 1.2 5.4 1.1
<b>12</b> 0206 0846 SA 1433 2110	4.8 1.4 4.8 1.4	<b>27</b> 0258 0941 SU 1522 2201	5.1 1.1 5.2 1.1	<b>12</b> 0258 0943 TU 1524 2210	5.3 1.0 5.3 0.9	<b>27</b> 0358 1038 W 1618 2259	5.0 1.2 5.2 1.2	<b>12</b> 0329 1012 TH 1556 2244	5.3 0.9 5.5 0.8	<b>27</b> 0420 1057 F 1638 2318	5.0 1.3 5.2 1.2	<b>12</b> 0502 1144 SU 1724	5.6 0.6 5.9	<b>27</b> 0507 1144 M 1722	5.2 1.1 5.5
<b>13</b> 0250 0932 SU 1513 2155	5.1 1.1 5.1 1.1	<b>28</b> 0341 1023 M 1601 2243	5.2 1.0 5.3 1.1	<b>13</b> 0347 1031 W 1612 2300	5.5 0.8 5.6 0.7	<b>28</b> 0437 1115 TH 1656 2336	5.1 1.2 5.3 1.2	<b>13</b> 0423 1106 F 1648 2337	5.5 0.7 5.7 0.6	<b>28</b> 0456 1132 SA 1713 2352	5.0 1.2 5.3 1.2	<b>13</b> 0014 0548 M 1232 1809	0.4 5.7 0.5 5.9	<b>28</b> 0003 0537 TU 1217 1753	1.0 5.3 1.0 5.5
<b>14</b> 0331 1015 M 1553 2238	5.4 0.9 5.4 0.9	<b>29</b> 0419 1102 TU 1639 2321	5.2 1.0 5.3 1.0	<b>14</b> 0436 1120 TH 1700 2349	5.6 0.7 5.7 0.6	<b>29</b> 0513 1150 F 1731	5.1 1.2 5.3	<b>14</b> 0514 1157 SA 1738	5.6 0.6 5.8	<b>29</b> 0529 1206 SU 1746	5.1 1.2 5.3	<b>14</b> 0100 0632 TU 1317 1853	0.4 5.6 0.6 5.8	<b>29</b> 0036 0608 W 1250 1825	1.0 5.3 1.0 5.5
<b>15</b> 0412 1057 TU 1634 2321	5.5 0.7 5.6 0.7	<b>30</b> 0456 1137 W 1715 2356	5.2 1.0 5.4 1.1	<b>15</b> 0525 1208 F 1748	5.6 0.7 5.7	<b>30</b> 0011 0547 SA 1225 1806	1.2 5.0 1.2 5.3	<b>15</b> 0028 0603 SU 1247 1826	0.5 5.6 0.6 5.8	<b>30</b> 0026 0601 M 1239 1819	1.1 5.1 1.2 5.3	<b>15</b> 0144 0715 W 1400 1935	0.6 5.5 0.8 5.6	<b>30</b> 0108 0640 TH 1323 1858	1.0 5.2 1.1 5.4
<b>31</b> 0532 1211 TH 1750	5.2 1.1 5.3							<b>31</b> 0059 0633 TU 1312 1851	1.1 5.1 1.2 5.3			<b>31</b> 0141 0713 F 1357 1932	1.1 5.1 1.2 5.2		

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YEAR 2018

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0216 0748 SA 1434 2010	1.3 5.0 1.4 5.0	<b>16</b> 0310 0846 SU 1530 2107	1.7 4.7 1.8 4.5	<b>1</b> 0233 0809 M 1459 2037	1.5 5.0 1.6 4.8	<b>16</b> 0310 0859 TU 1540 2124	2.1 4.5 2.2 4.2	<b>1</b> 0423 1019 TH 1713 2313	2.0 4.7 1.9 4.5	<b>16</b> 0430 1038 F 1720 2329	2.4 4.3 2.3 4.1	<b>1</b> 0528 1124 SA 1815	1.8 4.8 1.6	<b>16</b> 0446 1044 SU 1728 2327	2.2 4.4 2.1 4.2
<b>2</b> 0255 0830 SU 1518 2057	1.5 4.8 1.6 4.8	<b>17</b> 0355 0941 M 1624 2210	2.0 4.4 2.1 4.2	<b>2</b> 0323 0906 TU 1600 2144	1.7 4.7 1.9 4.6	<b>17</b> 0405 1008 W 1651 2254	2.3 4.3 2.4 4.0	<b>2</b> 0548 1151 F 1840	2.0 4.7 1.7	<b>17</b> 0554 1200 SA 1839	2.4 4.4 2.2	<b>2</b> 0011 0644 SU 1239 1925	4.6 1.7 4.9 1.5	<b>17</b> 0559 1156 M 1839	2.2 4.5 2.0
<b>3</b> 0344 0925 M 1616 2200	1.7 4.6 1.8 4.6	<b>18</b> 0458 1059 TU 1743 2345	2.3 4.2 2.3 4.1	<b>3</b> 0431 1025 W 1720 2318	2.0 4.5 2.0 4.4	<b>18</b> 0530 1141 TH 1823	2.5 4.2 2.4	<b>3</b> 0040 0712 SA 1309 1954	4.6 1.8 4.9 1.4	<b>18</b> 0046 0709 SU 1305 1942	4.3 2.2 4.6 1.9	<b>3</b> 0119 0751 M 1343 2026	4.8 1.6 5.1 1.3	<b>18</b> 0037 0709 TU 1259 1940	4.4 2.0 4.6 1.8
<b>4</b> 0449 1039 TU 1733 2325	1.9 4.5 1.9 4.5	<b>19</b> 0626 1229 W 1911	2.4 4.3 2.2	<b>4</b> 0559 1205 TH 1853	2.0 4.6 1.8	<b>19</b> 0034 0700 F 1300 1938	4.1 2.4 4.4 2.1	<b>4</b> 0147 0819 SU 1410 2053	4.9 1.5 5.2 1.1	<b>19</b> 0141 0807 M 1355 2032	4.5 1.9 4.8 1.6	<b>4</b> 0215 0849 TU 1436 2118	5.0 1.4 5.2 1.2	<b>19</b> 0133 0809 W 1353 2035	4.6 1.8 4.9 1.5
<b>5</b> 0612 1214 W 1902	1.9 4.5 1.8	<b>20</b> 0114 0746 TH 1341 2021	4.2 2.2 4.5 2.0	<b>5</b> 0055 0727 F 1328 2011	4.6 1.8 4.9 1.5	<b>20</b> 0141 0806 SA 1357 2034	4.4 2.1 4.7 1.8	<b>5</b> 0240 0914 M 1500 2142	5.2 1.2 5.5 0.9	<b>20</b> 0223 0855 TU 1437 2116	4.8 1.6 5.1 1.4	<b>5</b> 0302 0939 W 1522 2203	5.2 1.2 5.3 1.1	<b>20</b> 0222 0902 TH 1442 2124	4.9 1.5 5.1 1.2
<b>6</b> 0059 0737 TH 1337 2021	4.6 1.7 4.8 1.5	<b>21</b> 0216 0847 F 1434 2113	4.5 1.9 4.8 1.7	<b>6</b> 0205 0838 SA 1429 2113	4.9 1.4 5.3 1.1	<b>21</b> 0228 0855 SU 1441 2117	4.7 1.8 5.0 1.5	<b>6</b> 0325 1002 TU 1544 2226	5.4 1.0 5.6 0.8	<b>21</b> 0301 0938 W 1516 2157	5.1 1.3 5.3 1.1	<b>6</b> 0344 1024 TH 1603 2244	5.4 1.1 5.4 1.1	<b>21</b> 0308 0951 F 1528 2211	5.2 1.2 5.4 1.0
<b>7</b> 0213 0849 F 1442 2126	4.9 1.4 5.2 1.1	<b>22</b> 0301 0932 SA 1515 2154	4.7 1.6 5.1 1.4	<b>7</b> 0259 0935 SU 1520 2204	5.3 1.1 5.6 0.8	<b>22</b> 0305 0936 M 1517 2155	5.0 1.5 5.2 1.2	<b>7</b> 0405 1045 W 1624 2307	5.6 0.9 5.7 0.8	<b>22</b> 0338 1019 TH 1554 2237	5.4 1.1 5.5 1.0	<b>7</b> 0423 1104 F 1641 2322	5.5 1.1 5.4 1.1	<b>22</b> 0353 1039 SA 1615 2258	5.5 1.0 5.5 0.9
<b>8</b> 0312 0949 SA 1535 2221	5.2 1.0 5.6 0.7	<b>23</b> 0337 1010 SU 1551 2229	5.0 1.4 5.3 1.2	<b>8</b> 0345 1023 M 1605 2249	5.5 0.8 5.8 0.6	<b>23</b> 0338 1013 TU 1551 2231	5.2 1.2 5.4 1.1	<b>8</b> 0443 1125 TH 1701 2345	5.7 0.8 5.7 0.9	<b>23</b> 0415 1100 F 1634 2317	5.6 1.0 5.6 0.9	<b>8</b> 0501 1142 SA 1718 2358	5.5 1.1 5.3 1.1	<b>23</b> 0438 1126 SU 1702 2345	5.7 0.8 5.6 0.8
<b>9</b> 0401 1041 SU 1622 2309	5.5 0.7 5.8 0.5	<b>24</b> 0409 1045 M 1623 2303	5.2 1.2 5.5 1.0	<b>9</b> 0427 1107 TU 1646 2331	5.7 0.7 5.9 0.6	<b>24</b> 0409 1049 W 1624 2306	5.4 1.1 5.6 0.9	<b>9</b> 0520 1203 F 1737	5.7 0.9 5.6	<b>24</b> 0455 1142 SA 1715 2359	5.7 0.9 5.7 0.8	<b>9</b> 0537 1218 SU 1753	5.5 1.2 5.2	<b>24</b> 0525 1214 M 1750	5.8 0.7 5.6
<b>10</b> 0446 1128 M 1707 2354	5.7 0.6 6.0 0.4	<b>25</b> 0440 1118 TU 1655 2336	5.3 1.0 5.6 0.9	<b>10</b> 0506 1149 W 1724	5.8 0.6 5.9	<b>25</b> 0442 1125 TH 1659 2342	5.6 0.9 5.7 0.9	<b>10</b> 0020 0555 SA 1239 1812	1.0 5.6 1.1 5.4	<b>25</b> 0536 1224 SU 1759	5.7 0.9 5.6	<b>10</b> 0032 0612 M 1253 1827	1.3 5.4 1.3 5.1	<b>25</b> 0032 0613 TU 1302 1838	0.8 5.8 0.7 5.5
<b>11</b> 0529 1212 TU 1748	5.8 0.5 6.0	<b>26</b> 0510 1152 W 1726	5.4 1.0 5.6	<b>11</b> 0011 0543 TH 1228 1801	0.6 5.7 0.7 5.7	<b>26</b> 0516 1202 F 1735	5.6 0.9 5.7	<b>11</b> 0055 0630 SU 1314 1846	1.2 5.4 1.3 5.2	<b>26</b> 0041 0620 M 1309 1844	0.9 5.7 0.9 5.5	<b>11</b> 0106 0647 TU 1327 1902	1.4 5.3 1.4 4.9	<b>26</b> 0120 0701 W 1351 1928	0.9 5.7 0.8 5.4
<b>12</b> 0037 0609 W 1254 1828	0.5 5.7 0.6 5.8	<b>27</b> 0009 0541 TH 1226 1759	0.9 5.5 0.9 5.6	<b>12</b> 0049 0619 F 1305 1837	0.8 5.6 0.9 5.5	<b>27</b> 0018 0552 SA 1240 1812	0.9 5.6 0.9 5.6	<b>12</b> 0128 0706 M 1348 1921	1.5 5.2 1.5 4.9	<b>27</b> 0127 0707 TU 1357 1934	1.1 5.5 1.1 5.2	<b>12</b> 0139 0722 W 1402 1938	1.6 5.1 1.6 4.7	<b>27</b> 0209 0751 TH 1442 2019	1.0 5.5 1.0 5.1
<b>13</b> 0118 0647 TH 1333 1906	0.6 5.6 0.8 5.6	<b>28</b> 0043 0614 F 1300 1833	0.9 5.5 1.0 5.5	<b>13</b> 0124 0655 SA 1340 1911	1.1 5.4 1.2 5.2	<b>28</b> 0056 0631 SU 1319 1852	1.0 5.5 1.1 5.4	<b>13</b> 0201 0743 TU 1424 1959	1.7 5.0 1.8 4.6	<b>28</b> 0215 0758 W 1449 2029	1.3 5.3 1.3 5.0	<b>13</b> 0214 0801 TH 1441 2018	1.8 4.9 1.8 4.5	<b>28</b> 0300 0843 F 1535 2114	1.2 5.3 1.2 4.9
<b>14</b> 0156 0725 F 1411 1943	0.9 5.3 1.1 5.3	<b>29</b> 0117 0649 SA 1335 1908	1.0 5.4 1.2 5.4	<b>14</b> 0157 0731 SU 1415 1947	1.4 5.1 1.5 4.9	<b>29</b> 0136 0713 M 1402 1937	1.2 5.4 1.3 5.2	<b>14</b> 0238 0827 W 1507 2047	2.0 4.7 2.0 4.4	<b>29</b> 0310 0857 TH 1549 2134	1.6 5.1 1.5 4.7	<b>14</b> 0255 0845 F 1526 2107	1.9 4.7 2.0 4.3	<b>29</b> 0355 0941 SA 1634 2217	1.4 5.1 1.4 4.7
<b>15</b> 0232 0803 SA 1449 2022	1.3 5.0 1.4 4.9	<b>30</b> 0153 0726 SU 1414 1948	1.2 5.2 1.4 5.1	<b>15</b> 0231 0811 M 1453 2028	1.7 4.8 1.9 4.6	<b>30</b> 0220 0801 TU 1452 2031	1.5 5.1 1.5 4.9	<b>15</b> 0325 0922 TH 1604 2155	2.2 4.5 2.2 4.1	<b>30</b> 0413 1005 F 1659 2251	1.7 4.9 1.7 4.6	<b>15</b> 0344 0938 SA 1621 2209	2.1 4.5 2.1 4.2	<b>30</b> 0457 1046 SU 1740 2328	1.6 4.9 1.6 4.6
				<b>31</b> 0314 0901 W 1554 2140	1.7 4.9 1.8 4.6									<b>31</b> 0607 1158 M 1849	1.7 4.8 1.6