

2019 Tide Timetable

January - December



The tables show high tide times and heights in metres for **Milford Haven**.

Low tide is about 6 hours 10 minutes after high tide.

Adjust the times for different locations as follows:

| | |
|---------------------|--------------------|
| Dale | - 5 minutes |
| Little Haven | + 7 minutes |
| Newgale | + 30 minutes |
| Solva | + 10 minutes |
| Ramsey | + 5 minutes |
| Fishguard | + 1 hour 3 minutes |
| Poppit | + 1 hour 5 minutes |
| Llangwm | + 5 minutes |
| Stackpole | + 5 minutes |
| Tenby | - 15 minutes |
| Saundersfoot | - 13 minutes |

Tide times for Milford Haven at GMT

Exceptional tides for 2019

(1) Astronomical predictions for 2019 show that High Water levels of 7.3 metres and above occur on the following dates:

| Date | Time | Metres | Feet |
|-------------|-------|--------|------|
| 22 January | 06:51 | 7.47 | 24.5 |
| 22 January | 19:18 | 7.38 | 24.2 |
| 23 January | 07:39 | 7.59 | 24.9 |
| 23 January | 20:06 | 7.36 | 24.2 |
| 24 January | 08:26 | 7.54 | 24.7 |
| 25 January | 09:12 | 7.32 | 24.0 |
| 20 February | 06:39 | 7.57 | 24.8 |
| 20 February | 19:04 | 7.50 | 24.6 |
| 21 February | 07:24 | 7.74 | 25.4 |
| 21 February | 19:48 | 7.54 | 24.7 |
| 22 February | 08:08 | 7.71 | 25.3 |
| 22 February | 20:31 | 7.39 | 24.2 |
| 23 February | 08:51 | 7.47 | 24.5 |
| 21 March | 06:21 | 7.58 | 24.9 |
| 21 March | 18:45 | 7.53 | 24.7 |
| 22 March | 07:04 | 7.73 | 25.4 |
| 22 March | 19:26 | 7.57 | 24.8 |
| 23 March | 07:45 | 7.67 | 25.2 |
| 23 March | 20:06 | 7.42 | 24.4 |
| 24 March | 08:26 | 7.40 | 24.3 |
| 19 April | 05:58 | 7.41 | 24.3 |
| 19 April | 18:21 | 7.38 | 24.2 |
| 20 April | 06:41 | 7.50 | 24.6 |
| 20 April | 19:01 | 7.41 | 24.3 |
| 21 April | 07:21 | 7.41 | 24.3 |
| 02 August | 19:14 | 7.45 | 24.4 |

| Date | Time | Metres | Feet |
|--------------|-------|--------|------|
| 03 August | 20:01 | 7.50 | 24.6 |
| 04 August | 20:47 | 7.39 | 24.2 |
| 30 August | 18:11 | 7.48 | 24.5 |
| 31 August | 06:38 | 7.43 | 24.4 |
| 31 August | 18:57 | 7.72 | 25.3 |
| 01 September | 07:23 | 7.55 | 24.8 |
| 01 September | 19:42 | 7.77 | 25.5 |
| 02 September | 08:06 | 7.48 | 24.5 |
| 02 September | 20:26 | 7.61 | 25.0 |
| 28 September | 17:52 | 7.62 | 25.0 |
| 29 September | 06:18 | 7.57 | 24.8 |
| 29 September | 18:37 | 7.84 | 25.7 |
| 30 September | 07:00 | 7.68 | 25.2 |
| 30 September | 19:20 | 7.83 | 25.7 |
| 01 October | 07:42 | 7.58 | 24.9 |
| 01 October | 20:01 | 7.61 | 25.0 |
| 02 October | 08:22 | 7.31 | 24.0 |
| 27 October | 17:30 | 7.54 | 24.7 |
| 28 October | 05:55 | 7.51 | 24.6 |
| 28 October | 18:15 | 7.69 | 25.2 |
| 29 October | 06:37 | 7.59 | 24.9 |
| 29 October | 18:57 | 7.64 | 25.1 |
| 30 October | 07:18 | 7.51 | 24.6 |
| 30 October | 19:38 | 7.41 | 24.3 |
| 26 November | 17:54 | 7.30 | 23.9 |
| 27 November | 06:16 | 7.31 | 24.0 |

(2) Predicted Low Water will fall to levels of 0.5 metres or less on the following dates:

| Date | Time | Metres | Feet |
|-------------|-------|--------|------|
| 22 January | 13:17 | 0.48 | 1.6 |
| 23 January | 01:35 | 0.50 | 1.6 |
| 23 January | 14:04 | 0.40 | 1.3 |
| 24 January | 14:51 | 0.50 | 1.6 |
| 20 February | 00:35 | 0.45 | 1.5 |
| 20 February | 13:04 | 0.22 | 0.7 |
| 21 February | 01:21 | 0.23 | 0.8 |
| 21 February | 13:49 | 0.11 | 0.4 |
| 22 February | 02:04 | 0.20 | 0.7 |
| 22 February | 14:32 | 0.22 | 0.7 |
| 23 February | 02:46 | 0.37 | 1.2 |
| 20 March | 12:00 | 0.42 | 1.4 |
| 21 March | 00:18 | 0.37 | 1.2 |
| 21 March | 12:45 | 0.14 | 0.5 |
| 22 March | 01:01 | 0.15 | 0.5 |
| 22 March | 13:27 | 0.07 | 0.2 |
| 23 March | 01:43 | 0.14 | 0.5 |
| 23 March | 14:07 | 0.21 | 0.7 |
| 24 March | 02:22 | 0.33 | 1.1 |
| 18 April | 23:55 | 0.50 | 1.6 |
| 19 April | 12:21 | 0.33 | 1.1 |
| 20 April | 00:38 | 0.33 | 1.1 |
| 20 April | 13:03 | 0.31 | 1.0 |
| 21 April | 01:19 | 0.35 | 1.1 |
| 21 April | 13:41 | 0.47 | 1.5 |

| Date | Time | Metres | Feet |
|--------------|-------|--------|------|
| 03 August | 01:39 | 0.44 | 1.5 |
| 04 August | 02:26 | 0.43 | 1.4 |
| 31 August | 00:36 | 0.39 | 1.3 |
| 31 August | 12:54 | 0.40 | 1.3 |
| 01 September | 01:22 | 0.21 | 0.7 |
| 01 September | 13:39 | 0.30 | 1.0 |
| 02 September | 02:06 | 0.23 | 0.8 |
| 02 September | 14:21 | 0.39 | 1.3 |
| 03 September | 02:48 | 0.47 | 1.5 |
| 29 September | 00:18 | 0.32 | 1.0 |
| 29 September | 12:34 | 0.33 | 1.1 |
| 30 September | 01:01 | 0.19 | 0.6 |
| 30 September | 13:17 | 0.26 | 0.9 |
| 01 October | 01:42 | 0.27 | 0.9 |
| 01 October | 13:58 | 0.40 | 1.3 |
| 27 October | 23:55 | 0.48 | 1.6 |
| 28 October | 12:12 | 0.50 | 1.6 |
| 29 October | 00:37 | 0.42 | 1.4 |
| 29 October | 12:54 | 0.47 | 1.5 |

(2) Predicted High Water of 4.9 metres or less will occur on the following dates:

| Date | Time | Metres | Feet |
|----------|-------|--------|------|
| 28 April | 13:19 | 4.88 | 16.0 |

Warning: When the barometer is reading above 1016 millibars (30.00"), the water level is liable to drop below predicted heights.

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

JANUARY

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 | 02:09 | 5.77 | 18.9 | 3.65 | 12.0 | 9 | 01:58 | 1.45 | 4.8 | 5.07 | 16.6 |
| Tue | 08:35 | 2.11 | 6.9 | 3.65 | 12.0 | Wed | 08:04 | 6.69 | 22.0 | 5.24 | 17.2 |
| | 14:39 | 5.96 | 19.5 | 3.84 | 12.6 | | 14:19 | 1.45 | 4.8 | 5.24 | 17.2 |
| | 21:13 | 1.97 | 6.5 | 3.99 | 13.1 | | 20:20 | 6.40 | 21.0 | 4.95 | 16.2 |
| 2 | 03:15 | 5.94 | 19.5 | 3.97 | 13.0 | 10 | 02:30 | 1.56 | 5.1 | 4.84 | 15.9 |
| Wed | 09:38 | 1.96 | 6.4 | 3.98 | 13.1 | Thu | 08:38 | 6.55 | 21.5 | 4.99 | 16.4 |
| | 15:42 | 6.09 | 20.0 | 4.13 | 13.5 | | 14:52 | 1.58 | 5.2 | 4.97 | 16.3 |
| | 22:09 | 1.81 | 5.9 | 4.28 | 14.0 | | 20:52 | 6.23 | 20.4 | 4.65 | 15.3 |
| 3 | 04:12 | 6.18 | 20.3 | 4.37 | 14.4 | 11 | 03:02 | 1.73 | 5.7 | 4.50 | 14.8 |
| Thu | 10:32 | 1.77 | 5.8 | 4.42 | 14.5 | Fri | 09:12 | 6.36 | 20.9 | 4.64 | 15.2 |
| | 16:36 | 6.26 | 20.5 | 4.49 | 14.7 | | 15:27 | 1.76 | 5.8 | 4.61 | 15.1 |
| | 22:57 | 1.64 | 5.4 | 4.62 | 15.2 | | 21:27 | 6.02 | 19.7 | 4.26 | 14.0 |
| 4 | 05:00 | 6.42 | 21.1 | 4.78 | 15.7 | 12 | 03:36 | 1.93 | 6.3 | 4.09 | 13.4 |
| Fri | 11:18 | 1.59 | 5.2 | 4.83 | 15.8 | Sat | 09:48 | 6.13 | 20.1 | 4.20 | 13.8 |
| | 17:22 | 6.42 | 21.1 | 4.82 | 15.8 | | 16:03 | 1.97 | 6.5 | 4.16 | 13.6 |
| | 23:39 | 1.51 | 4.9 | 4.91 | 16.1 | | 22:04 | 5.78 | 19.0 | 3.81 | 12.5 |
| 5 | 05:42 | 6.61 | 21.7 | 5.11 | 16.8 | 13 | 04:15 | 2.17 | 7.1 | 3.61 | 11.9 |
| Sat | 12:00 | 1.46 | 4.8 | 5.15 | 16.9 | Sun | 10:29 | 5.88 | 19.3 | 3.71 | 12.2 |
| | 18:03 | 6.53 | 21.4 | 5.06 | 16.6 | | 16:46 | 2.19 | 7.2 | 3.69 | 12.1 |
| | | | | | | | 22:49 | 5.55 | 18.2 | 3.35 | 11.0 |
| 6 | 00:17 | 1.41 | 4.6 | 5.11 | 16.8 | 14 | 05:02 | 2.40 | 7.9 | 3.15 | 10.3 |
| Sun | 06:21 | 6.74 | 22.1 | 5.32 | 17.5 | Mon | 11:18 | 5.65 | 18.5 | 3.26 | 10.7 |
| ☉ | 12:37 | 1.38 | 4.5 | 5.35 | 17.6 | ☾ | 17:39 | 2.38 | 7.8 | 3.27 | 10.7 |
| | 18:39 | 6.58 | 21.6 | 5.20 | 17.1 | | 23:45 | 5.37 | 17.6 | 2.99 | 9.8 |
| 7 | 00:52 | 1.37 | 4.5 | 5.21 | 17.1 | 15 | 06:03 | 2.57 | 8.4 | 2.80 | 9.2 |
| Mon | 06:57 | 6.79 | 22.3 | 5.42 | 17.8 | Tue | 12:21 | 5.51 | 18.1 | 2.94 | 9.7 |
| | 13:12 | 1.35 | 4.4 | 5.44 | 17.8 | | 18:47 | 2.46 | 8.1 | 3.05 | 10.0 |
| | 19:15 | 6.58 | 21.6 | 5.23 | 17.1 | | | | | | |
| 8 | 01:26 | 1.38 | 4.5 | 5.19 | 17.0 | 16 | 00:55 | 5.33 | 17.5 | 2.87 | 9.4 |
| Tue | 07:31 | 6.77 | 22.2 | 5.39 | 17.7 | Wed | 07:21 | 2.57 | 8.4 | 2.76 | 9.1 |
| | 13:46 | 1.38 | 4.5 | 5.40 | 17.7 | | 13:33 | 5.54 | 18.2 | 2.97 | 9.7 |
| | 19:48 | 6.52 | 21.4 | 5.14 | 16.9 | | 20:03 | 2.35 | 7.7 | 3.19 | 10.5 |

ALL TIMES GMT

JANUARY - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 | 02:10 | 5.51 | 18.1 | 3.17 | 10.4 | 25 | 03:06 | 0.69 | 2.3 | 6.50 | 21.3 |
| Thu | 08:39 | 2.34 | 7.7 | 3.17 | 10.4 | Fri | 09:12 | 7.32 | 24.0 | 6.63 | 21.8 |
| | 14:45 | 5.77 | 18.9 | 3.43 | 11.2 | | 15:36 | 0.76 | 2.5 | 6.56 | 21.5 |
| | 21:14 | 2.05 | 6.7 | 3.72 | 12.2 | | 21:37 | 6.88 | 22.6 | 6.11 | 20.1 |
| 18 | 03:18 | 5.89 | 19.3 | 3.84 | 12.6 | 26 | 03:51 | 1.00 | 3.3 | 5.87 | 19.3 |
| Fri | 09:46 | 1.95 | 6.4 | 3.94 | 12.9 | Sat | 09:58 | 6.97 | 22.9 | 5.97 | 19.6 |
| | 15:48 | 6.15 | 20.2 | 4.20 | 13.8 | | 16:22 | 1.15 | 3.8 | 5.82 | 19.1 |
| | 22:14 | 1.65 | 5.4 | 4.50 | 14.8 | | 22:24 | 6.47 | 21.2 | 5.32 | 17.5 |
| 19 | 04:17 | 6.36 | 20.9 | 4.70 | 15.4 | 27 | 04:38 | 1.40 | 4.6 | 5.07 | 16.6 |
| Sat | 10:44 | 1.50 | 4.9 | 4.86 | 15.9 | Sun | 10:47 | 6.52 | 21.4 | 5.12 | 16.8 |
| | 16:46 | 6.58 | 21.6 | 5.08 | 16.7 | ☾ | 17:11 | 1.60 | 5.3 | 4.92 | 16.2 |
| | 23:09 | 1.24 | 4.1 | 5.33 | 17.5 | | 23:15 | 6.04 | 19.8 | 4.44 | 14.6 |
| 20 | 05:11 | 6.81 | 22.4 | 5.57 | 18.3 | 28 | 05:30 | 1.83 | 6.0 | 4.21 | 13.8 |
| Sun | 11:37 | 1.07 | 3.5 | 5.75 | 18.9 | Mon | 11:41 | 6.06 | 19.9 | 4.22 | 13.9 |
| | 17:39 | 6.96 | 22.8 | 5.89 | 19.3 | | 18:08 | 2.02 | 6.6 | 4.04 | 13.2 |
| | 23:59 | 0.89 | 2.9 | 6.07 | 19.9 | | | | | | |
| 21 | 06:02 | 7.20 | 23.6 | 6.31 | 20.7 | 29 | 00:14 | 5.67 | 18.6 | 3.64 | 12.0 |
| Mon | 12:28 | 0.71 | 2.3 | 6.49 | 21.3 | Tue | 06:35 | 2.20 | 7.2 | 3.47 | 11.4 |
| ○ | 18:30 | 7.24 | 23.7 | 6.53 | 21.4 | | 12:45 | 5.67 | 18.6 | 3.47 | 11.4 |
| | | | | | | | 19:19 | 2.31 | 7.6 | 3.36 | 11.0 |
| 22 | 00:48 | 0.63 | 2.1 | 6.61 | 21.7 | 30 | 01:24 | 5.46 | 17.9 | 3.14 | 10.3 |
| Tue | 06:51 | 7.47 | 24.5 | 6.84 | 22.4 | Wed | 07:54 | 2.38 | 7.8 | 3.07 | 10.1 |
| | 13:17 | 0.48 | 1.6 | 6.99 | 22.9 | | 14:00 | 5.49 | 18.0 | 3.11 | 10.2 |
| | 19:18 | 7.38 | 24.2 | 6.90 | 22.7 | | 20:38 | 2.36 | 7.7 | 3.13 | 10.3 |
| 23 | 01:35 | 0.50 | 1.6 | 6.88 | 22.6 | 31 | 02:42 | 5.50 | 18.0 | 3.14 | 10.3 |
| Wed | 07:39 | 7.59 | 24.9 | 7.09 | 23.3 | Thu | 09:11 | 2.31 | 7.6 | 3.19 | 10.5 |
| | 14:04 | 0.40 | 1.3 | 7.19 | 23.6 | | 15:16 | 5.57 | 18.3 | 3.25 | 10.7 |
| | 20:06 | 7.36 | 24.2 | 6.96 | 22.8 | | 21:46 | 2.20 | 7.2 | 3.37 | 11.1 |
| 24 | 02:21 | 0.52 | 1.7 | 6.84 | 22.5 | | | | | | |
| Thu | 08:26 | 7.54 | 24.7 | 7.02 | 23.0 | | | | | | |
| | 14:51 | 0.50 | 1.6 | 7.04 | 23.1 | | | | | | |
| | 20:51 | 7.19 | 23.6 | 6.69 | 22.0 | | | | | | |

ALL TIMES GMT

FEBRUARY

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|----------------------|-------|--------|------|-------|-------|-----------------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 Fri | 03:51 | 5.76 | 18.9 | 3.56 | 11.7 | 9 Sat | 02:40 | 1.32 | 4.3 | 5.17 | 17.0 |
| | 10:13 | 2.09 | 6.8 | 3.67 | 12.0 | | 08:47 | 6.61 | 21.7 | 5.29 | 17.4 |
| | 16:19 | 5.80 | 19.0 | 3.72 | 12.2 | | 15:01 | 1.36 | 4.4 | 5.26 | 17.3 |
| | 22:40 | 1.95 | 6.4 | 3.86 | 12.7 | | 21:00 | 6.34 | 20.8 | 4.98 | 16.3 |
| 2 Sat | 04:45 | 6.08 | 19.9 | 4.13 | 13.6 | 10 Sun | 03:12 | 1.50 | 4.9 | 4.84 | 15.9 |
| | 11:04 | 1.81 | 6.0 | 4.27 | 14.0 | | 09:18 | 6.41 | 21.0 | 4.92 | 16.1 |
| | 17:08 | 6.08 | 19.9 | 4.27 | 14.0 | | 15:33 | 1.56 | 5.1 | 4.85 | 15.9 |
| | 23:24 | 1.69 | 5.5 | 4.39 | 14.4 | | 21:32 | 6.13 | 20.1 | 4.57 | 15.0 |
| 3 Sun | 05:28 | 6.38 | 20.9 | 4.69 | 15.4 | 11 Mon | 03:45 | 1.74 | 5.7 | 4.39 | 14.4 |
| | 11:46 | 1.57 | 5.1 | 4.81 | 15.8 | | 09:54 | 6.16 | 20.2 | 4.43 | 14.5 |
| | 17:48 | 6.31 | 20.7 | 4.74 | 15.6 | | 16:09 | 1.82 | 6.0 | 4.35 | 14.3 |
| | | | | | 22:09 | | 5.88 | 19.3 | 4.06 | 13.3 | |
| 4 Mon ● | 00:03 | 1.48 | 4.9 | 4.83 | 15.9 | 12 Tue ☾ | 04:23 | 2.01 | 6.6 | 3.86 | 12.7 |
| | 06:06 | 6.60 | 21.7 | 5.12 | 16.8 | | 10:35 | 5.88 | 19.3 | 3.87 | 12.7 |
| | 12:23 | 1.38 | 4.5 | 5.22 | 17.1 | | 16:51 | 2.09 | 6.9 | 3.79 | 12.4 |
| | 18:24 | 6.48 | 21.3 | 5.10 | 16.7 | | 22:56 | 5.61 | 18.4 | 3.52 | 11.5 |
| 5 Tue | 00:37 | 1.33 | 4.4 | 5.15 | 16.9 | 13 Wed | 05:12 | 2.29 | 7.5 | 3.32 | 10.9 |
| | 06:42 | 6.74 | 22.1 | 5.42 | 17.8 | | 11:30 | 5.60 | 18.4 | 3.31 | 10.9 |
| | 12:57 | 1.25 | 4.1 | 5.50 | 18.0 | | 17:48 | 2.34 | 7.7 | 3.26 | 10.7 |
| | 18:58 | 6.58 | 21.6 | 5.33 | 17.5 | | | | | | |
| 6 Wed | 01:09 | 1.23 | 4.0 | 5.34 | 17.5 | 14 Thu | 00:00 | 5.38 | 17.7 | 3.04 | 10.0 |
| | 07:14 | 6.81 | 22.3 | 5.58 | 18.3 | | 06:21 | 2.49 | 8.2 | 2.89 | 9.5 |
| | 13:28 | 1.17 | 3.8 | 5.64 | 18.5 | | 12:43 | 5.41 | 17.8 | 2.93 | 9.6 |
| | 19:29 | 6.61 | 21.7 | 5.44 | 17.8 | | 19:09 | 2.44 | 8.0 | 2.97 | 9.8 |
| 7 Thu | 01:40 | 1.20 | 3.9 | 5.41 | 17.8 | 15 Fri | 01:24 | 5.35 | 17.6 | 2.91 | 9.5 |
| | 07:45 | 6.81 | 22.4 | 5.62 | 18.4 | | 07:57 | 2.44 | 8.0 | 2.91 | 9.6 |
| | 14:00 | 1.16 | 3.8 | 5.65 | 18.5 | | 14:09 | 5.50 | 18.0 | 3.06 | 10.0 |
| | 20:00 | 6.58 | 21.6 | 5.42 | 17.8 | | 20:40 | 2.25 | 7.4 | 3.25 | 10.7 |
| 8 Fri | 02:10 | 1.22 | 4.0 | 5.36 | 17.6 | 16 Sat | 02:48 | 5.64 | 18.5 | 3.39 | 11.1 |
| | 08:16 | 6.75 | 22.1 | 5.53 | 18.1 | | 09:21 | 2.07 | 6.8 | 3.57 | 11.7 |
| | 14:30 | 1.22 | 4.0 | 5.53 | 18.1 | | 15:27 | 5.87 | 19.3 | 3.80 | 12.5 |
| | 20:29 | 6.49 | 21.3 | 5.27 | 17.3 | | 21:54 | 1.81 | 5.9 | 4.05 | 13.3 |

ALL TIMES GMT

FEBRUARY - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 | 03:58 | 6.14 | 20.2 | 4.33 | 14.2 | 25 | 04:07 | 1.20 | 3.9 | 5.42 | 17.8 |
| Sun | 10:28 | 1.53 | 5.0 | 4.62 | 15.1 | Mon | 10:15 | 6.53 | 21.4 | 5.33 | 17.5 |
| | 16:32 | 6.38 | 20.9 | 4.85 | 15.9 | | 16:33 | 1.53 | 5.0 | 5.00 | 16.4 |
| | 22:54 | 1.30 | 4.3 | 5.08 | 16.7 | | 22:37 | 6.11 | 20.1 | 4.58 | 15.0 |
| 18 | 04:57 | 6.71 | 22.0 | 5.41 | 17.7 | 26 | 04:51 | 1.74 | 5.7 | 4.37 | 14.3 |
| Mon | 11:25 | 0.98 | 3.2 | 5.73 | 18.8 | Tue | 11:01 | 5.96 | 19.6 | 4.22 | 13.8 |
| | 17:27 | 6.88 | 22.6 | 5.90 | 19.4 | ☾ | 17:19 | 2.07 | 6.8 | 3.89 | 12.8 |
| | 23:46 | 0.82 | 2.7 | 6.06 | 19.9 | | 23:29 | 5.62 | 18.4 | 3.55 | 11.6 |
| 19 | 05:50 | 7.21 | 23.6 | 6.39 | 21.0 | 27 | 05:45 | 2.25 | 7.4 | 3.37 | 11.1 |
| Tue | 12:16 | 0.52 | 1.7 | 6.69 | 21.9 | Wed | 11:59 | 5.44 | 17.8 | 3.19 | 10.5 |
| ○ | 18:18 | 7.27 | 23.9 | 6.75 | 22.1 | | 18:22 | 2.51 | 8.2 | 2.93 | 9.6 |
| 20 | 00:35 | 0.45 | 1.5 | 6.82 | 22.4 | 28 | 00:37 | 5.25 | 17.2 | 2.73 | 9.0 |
| Wed | 06:39 | 7.57 | 24.8 | 7.12 | 23.4 | Thu | 07:05 | 2.59 | 8.5 | 2.66 | 8.7 |
| | 13:04 | 0.22 | 0.7 | 7.35 | 24.1 | | 13:18 | 5.12 | 16.8 | 2.53 | 8.3 |
| | 19:04 | 7.50 | 24.6 | 7.28 | 23.9 | | 19:56 | 2.69 | 8.8 | 2.42 | 8.0 |
| 21 | 01:21 | 0.23 | 0.8 | 7.27 | 23.8 | | | | | | |
| Thu | 07:24 | 7.74 | 25.4 | 7.51 | 24.6 | | | | | | |
| | 13:49 | 0.11 | 0.4 | 7.63 | 25.0 | | | | | | |
| | 19:48 | 7.54 | 24.7 | 7.43 | 24.4 | | | | | | |
| 22 | 02:04 | 0.20 | 0.7 | 7.34 | 24.1 | | | | | | |
| Fri | 08:08 | 7.71 | 25.3 | 7.51 | 24.6 | | | | | | |
| | 14:32 | 0.22 | 0.7 | 7.49 | 24.6 | | | | | | |
| | 20:31 | 7.39 | 24.2 | 7.17 | 23.5 | | | | | | |
| 23 | 02:46 | 0.37 | 1.2 | 7.01 | 23.0 | | | | | | |
| Sat | 08:51 | 7.47 | 24.5 | 7.10 | 23.3 | | | | | | |
| | 15:12 | 0.53 | 1.7 | 6.95 | 22.8 | | | | | | |
| | 21:12 | 7.06 | 23.2 | 6.54 | 21.5 | | | | | | |
| 24 | 03:27 | 0.72 | 2.4 | 6.34 | 20.8 | | | | | | |
| Sun | 09:33 | 7.06 | 23.2 | 6.34 | 20.8 | | | | | | |
| | 15:52 | 0.99 | 3.2 | 6.07 | 19.9 | | | | | | |
| | 21:54 | 6.62 | 21.7 | 5.63 | 18.5 | | | | | | |

ALL TIMES GMT

MARCH

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|----------------------|-------|--------|------|-------|-------|-----------------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 Fri | 02:05 | 5.17 | 17.0 | 2.48 | 8.1 | 9 Sat | 01:47 | 0.98 | 3.2 | 5.78 | 19.0 |
| | 08:40 | 2.59 | 8.5 | 2.58 | 8.5 | | 07:51 | 6.89 | 22.6 | 5.91 | 19.4 |
| | 14:49 | 5.16 | 16.9 | 2.57 | 8.4 | | 14:05 | 0.97 | 3.2 | 5.92 | 19.4 |
| | 21:21 | 2.52 | 8.3 | 2.64 | 8.7 | | 20:03 | 6.72 | 22.1 | 5.76 | 18.9 |
| 2 Sat | 03:27 | 5.44 | 17.8 | 2.92 | 9.6 | 10 Sun | 02:17 | 1.04 | 3.4 | 5.68 | 18.6 |
| | 09:53 | 2.30 | 7.5 | 3.14 | 10.3 | | 08:21 | 6.79 | 22.3 | 5.75 | 18.9 |
| | 16:00 | 5.48 | 18.0 | 3.18 | 10.4 | | 14:35 | 1.08 | 3.5 | 5.71 | 18.7 |
| | 22:21 | 2.17 | 7.1 | 3.32 | 10.9 | | 20:33 | 6.61 | 21.7 | 5.53 | 18.1 |
| 3 Sun | 04:24 | 5.85 | 19.2 | 3.68 | 12.1 | 11 Mon | 02:48 | 1.20 | 3.9 | 5.40 | 17.7 |
| | 10:45 | 1.93 | 6.3 | 3.91 | 12.8 | | 08:51 | 6.61 | 21.7 | 5.41 | 17.7 |
| | 16:50 | 5.87 | 19.3 | 3.94 | 12.9 | | 15:06 | 1.29 | 4.2 | 5.32 | 17.5 |
| | 23:06 | 1.80 | 5.9 | 4.06 | 13.3 | | 21:04 | 6.41 | 21.0 | 5.12 | 16.8 |
| 4 Mon | 05:09 | 6.23 | 20.4 | 4.42 | 14.5 | 12 Tue | 03:19 | 1.45 | 4.7 | 4.96 | 16.3 |
| | 11:27 | 1.59 | 5.2 | 4.63 | 15.2 | | 09:25 | 6.36 | 20.9 | 4.91 | 16.1 |
| | 17:29 | 6.20 | 20.3 | 4.61 | 15.1 | | 15:39 | 1.57 | 5.1 | 4.79 | 15.7 |
| | 23:43 | 1.50 | 4.9 | 4.70 | 15.4 | | 21:39 | 6.14 | 20.2 | 4.57 | 15.0 |
| 5 Tue | 05:45 | 6.52 | 21.4 | 5.02 | 16.5 | 13 Wed | 03:56 | 1.75 | 5.7 | 4.39 | 14.4 |
| | 12:03 | 1.32 | 4.3 | 5.20 | 17.1 | | 10:04 | 6.03 | 19.8 | 4.28 | 14.0 |
| | 18:03 | 6.45 | 21.2 | 5.12 | 16.8 | | 16:18 | 1.90 | 6.2 | 4.13 | 13.6 |
| | | | | | 22:24 | | 5.82 | 19.1 | 3.92 | 12.9 | |
| 6 Wed ● | 00:17 | 1.27 | 4.2 | 5.18 | 17.0 | 14 Thu ☾ | 04:42 | 2.08 | 6.8 | 3.73 | 12.2 |
| | 06:19 | 6.72 | 22.1 | 5.46 | 17.9 | | 10:56 | 5.66 | 18.6 | 3.58 | 11.7 |
| | 12:35 | 1.13 | 3.7 | 5.60 | 18.4 | | 17:12 | 2.24 | 7.3 | 3.42 | 11.2 |
| | 18:36 | 6.62 | 21.7 | 5.49 | 18.0 | | 23:24 | 5.48 | 18.0 | 3.25 | 10.6 |
| 7 Thu | 00:48 | 1.10 | 3.6 | 5.51 | 18.1 | 15 Fri | 05:48 | 2.38 | 7.8 | 3.11 | 10.2 |
| | 06:51 | 6.85 | 22.5 | 5.75 | 18.9 | | 12:10 | 5.36 | 17.6 | 2.98 | 9.8 |
| | 13:06 | 1.00 | 3.3 | 5.85 | 19.2 | | 18:32 | 2.47 | 8.1 | 2.89 | 9.5 |
| | 19:06 | 6.72 | 22.0 | 5.72 | 18.8 | | | | | | |
| 8 Fri | 01:18 | 1.00 | 3.3 | 5.71 | 18.7 | 16 Sat | 00:51 | 5.32 | 17.5 | 2.85 | 9.4 |
| | 07:21 | 6.90 | 22.6 | 5.90 | 19.4 | | 07:30 | 2.42 | 7.9 | 2.90 | 9.5 |
| | 13:35 | 0.94 | 3.1 | 5.96 | 19.6 | | 13:45 | 5.35 | 17.6 | 2.93 | 9.6 |
| | 19:34 | 6.75 | 22.2 | 5.81 | 19.1 | | 20:16 | 2.35 | 7.7 | 3.01 | 9.9 |

ALL TIMES GMT

MARCH - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 | 02:26 | 5.55 | 18.2 | 3.21 | 10.5 | 25 | 03:00 | 0.70 | 2.3 | 6.41 | 21.0 |
| Sun | 09:04 | 2.04 | 6.7 | 3.51 | 11.5 | Mon | 09:04 | 6.97 | 22.9 | 6.27 | 20.6 |
| | 15:12 | 5.74 | 18.8 | 3.69 | 12.1 | | 15:21 | 1.02 | 3.4 | 5.95 | 19.5 |
| | 21:36 | 1.87 | 6.1 | 3.87 | 12.7 | | 21:23 | 6.67 | 21.9 | 5.64 | 18.5 |
| 18 | 03:42 | 6.09 | 20.0 | 4.22 | 13.8 | 26 | 03:38 | 1.20 | 3.9 | 5.47 | 18.0 |
| Mon | 10:13 | 1.46 | 4.8 | 4.63 | 15.2 | Tue | 09:43 | 6.44 | 21.1 | 5.24 | 17.2 |
| | 16:18 | 6.31 | 20.7 | 4.85 | 15.9 | | 15:57 | 1.57 | 5.2 | 4.87 | 16.0 |
| | 22:38 | 1.30 | 4.3 | 5.02 | 16.5 | | 22:03 | 6.16 | 20.2 | 4.59 | 15.1 |
| 19 | 04:42 | 6.70 | 22.0 | 5.40 | 17.7 | 27 | 04:18 | 1.75 | 5.7 | 4.41 | 14.5 |
| Tue | 11:10 | 0.88 | 2.9 | 5.82 | 19.1 | Wed | 10:24 | 5.86 | 19.2 | 4.12 | 13.5 |
| | 17:12 | 6.86 | 22.5 | 5.98 | 19.6 | | 16:37 | 2.12 | 7.0 | 3.74 | 12.3 |
| | 23:30 | 0.77 | 2.5 | 6.10 | 20.0 | | 22:48 | 5.65 | 18.5 | 3.53 | 11.6 |
| 20 | 05:33 | 7.22 | 23.7 | 6.45 | 21.2 | 28 | 05:06 | 2.27 | 7.5 | 3.37 | 11.1 |
| Wed | 12:00 | 0.42 | 1.4 | 6.80 | 22.3 | Thu | 11:15 | 5.32 | 17.5 | 3.05 | 10.0 |
| | 18:00 | 7.28 | 23.9 | 6.86 | 22.5 | ☾ | 17:31 | 2.60 | 8.5 | 2.72 | 8.9 |
| | | | | | | | 23:51 | 5.21 | 17.1 | 2.62 | 8.6 |
| 21 | 00:18 | 0.37 | 1.2 | 6.91 | 22.7 | 29 | 06:17 | 2.67 | 8.8 | 2.54 | 8.3 |
| Thu | 06:21 | 7.58 | 24.9 | 7.21 | 23.6 | Fri | 12:32 | 4.94 | 16.2 | 2.27 | 7.4 |
| ○ | 12:45 | 0.14 | 0.5 | 7.44 | 24.4 | | 19:02 | 2.87 | 9.4 | 2.07 | 6.8 |
| | 18:45 | 7.53 | 24.7 | 7.38 | 24.2 | | | | | | |
| 22 | 01:01 | 0.15 | 0.5 | 7.37 | 24.2 | 30 | 01:22 | 5.04 | 16.5 | 2.17 | 7.1 |
| Fri | 07:04 | 7.73 | 25.4 | 7.58 | 24.9 | Sat | 08:00 | 2.73 | 9.0 | 2.31 | 7.6 |
| | 13:27 | 0.07 | 0.2 | 7.66 | 25.1 | | 14:12 | 4.93 | 16.2 | 2.20 | 7.2 |
| | 19:26 | 7.57 | 24.8 | 7.50 | 24.6 | | 20:45 | 2.73 | 9.0 | 2.20 | 7.2 |
| 23 | 01:43 | 0.14 | 0.5 | 7.43 | 24.4 | 31 | 02:51 | 5.26 | 17.3 | 2.53 | 8.3 |
| Sat | 07:45 | 7.67 | 25.2 | 7.53 | 24.7 | Sun | 09:20 | 2.44 | 8.0 | 2.82 | 9.3 |
| | 14:07 | 0.21 | 0.7 | 7.45 | 24.5 | BST | 15:30 | 5.28 | 17.3 | 2.84 | 9.3 |
| | 20:06 | 7.42 | 24.4 | 7.21 | 23.7 | starts | 21:49 | 2.35 | 7.7 | 2.92 | 9.6 |
| 24 | 02:22 | 0.33 | 1.1 | 7.10 | 23.3 | | | | | | |
| Sun | 08:26 | 7.40 | 24.3 | 7.07 | 23.2 | | | | | | |
| | 14:45 | 0.55 | 1.8 | 6.85 | 22.5 | | | | | | |
| | 20:45 | 7.11 | 23.3 | 6.56 | 21.5 | | | | | | |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

APRIL

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|-----------------|-------|--------|------|-------|------|------------------|---------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 Mon | 03:53 | 5.68 | 18.6 | 3.32 | 10.9 | 9 Tue | 02:26 | 1.07 | 3.5 | 5.72 | 18.8 |
| | 10:15 | 2.04 | 6.7 | 3.64 | 11.9 | | 08:28 | 6.72 | 22.0 | 5.65 | 18.5 |
| | 16:21 | 5.70 | 18.7 | 3.67 | 12.0 | | 14:43 | 1.17 | 3.8 | 5.55 | 18.2 |
| | 22:36 | 1.94 | 6.4 | 3.76 | 12.3 | | 20:42 | 6.61 | 21.7 | 5.44 | 17.8 |
| 2 Tue | 04:38 | 6.08 | 20.0 | 4.14 | 13.6 | 10 Wed | 03:00 | 1.31 | 4.3 | 5.30 | 17.4 |
| | 10:57 | 1.65 | 5.4 | 4.43 | 14.5 | | 09:04 | 6.46 | 21.2 | 5.15 | 16.9 |
| | 17:00 | 6.09 | 20.0 | 4.44 | 14.6 | | 15:18 | 1.46 | 4.8 | 4.99 | 16.4 |
| | 23:15 | 1.58 | 5.2 | 4.51 | 14.8 | | 21:20 | 6.33 | 20.8 | 4.86 | 16.0 |
| 3 Wed | 05:15 | 6.42 | 21.1 | 4.83 | 15.9 | 11 Thu | 03:39 | 1.62 | 5.3 | 4.71 | 15.4 |
| | 11:33 | 1.34 | 4.4 | 5.08 | 16.7 | | 09:46 | 6.10 | 20.0 | 4.48 | 14.7 |
| | 17:34 | 6.39 | 21.0 | 5.05 | 16.6 | | 16:00 | 1.82 | 6.0 | 4.29 | 14.1 |
| | 23:48 | 1.30 | 4.3 | 5.10 | 16.7 | | 22:06 | 5.97 | 19.6 | 4.16 | 13.6 |
| 4 Thu | 05:50 | 6.66 | 21.9 | 5.36 | 17.6 | 12 Fri | 04:28 | 1.96 | 6.4 | 4.01 | 13.2 |
| | 12:06 | 1.11 | 3.6 | 5.55 | 18.2 | | 10:41 | 5.70 | 18.7 | 3.74 | 12.3 |
| | 18:06 | 6.62 | 21.7 | 5.51 | 18.1 | | ☾ 16:56 | 2.18 | 7.2 | 3.52 | 11.6 |
| 5 Fri | 00:20 | 1.09 | 3.6 | 5.53 | 18.1 | 13 Sat | 05:37 | 2.25 | 7.4 | 3.36 | 11.0 |
| | 06:21 | 6.83 | 22.4 | 5.74 | 18.8 | | 11:57 | 5.39 | 17.7 | 3.13 | 10.3 |
| | 12:36 | 0.95 | 3.1 | 5.88 | 19.3 | | 18:17 | 2.42 | 7.9 | 2.97 | 9.7 |
| | 18:36 | 6.78 | 22.2 | 5.83 | 19.1 | | | | | | |
| 6 Sat | 00:51 | 0.95 | 3.1 | 5.83 | 19.1 | 14 Sun | 00:36 | 5.45 | 17.9 | 3.03 | 9.9 |
| | 06:52 | 6.93 | 22.7 | 5.98 | 19.6 | | 07:18 | 2.28 | 7.5 | 3.17 | 10.4 |
| | 13:07 | 0.86 | 2.8 | 6.06 | 19.9 | | 13:30 | 5.39 | 17.7 | 3.11 | 10.2 |
| | 19:06 | 6.87 | 22.5 | 6.01 | 19.7 | | 19:59 | 2.29 | 7.5 | 3.10 | 10.2 |
| 7 Sun | 01:22 | 0.89 | 2.9 | 5.98 | 19.6 | 15 Mon | 02:08 | 5.67 | 18.6 | 3.37 | 11.1 |
| | 07:24 | 6.95 | 22.8 | 6.06 | 19.9 | | 08:48 | 1.91 | 6.3 | 3.75 | 12.3 |
| | 13:39 | 0.86 | 2.8 | 6.09 | 20.0 | | 14:54 | 5.77 | 18.9 | 3.86 | 12.7 |
| | 19:37 | 6.88 | 22.6 | 6.02 | 19.7 | | 21:17 | 1.84 | 6.0 | 3.93 | 12.9 |
| 8 Mon | 01:54 | 0.93 | 3.1 | 5.95 | 19.5 | 16 Tue | 03:23 | 6.16 | 20.2 | 4.32 | 14.2 |
| | 07:55 | 6.89 | 22.6 | 5.95 | 19.5 | | 09:54 | 1.39 | 4.5 | 4.77 | 15.7 |
| | 14:10 | 0.97 | 3.2 | 5.92 | 19.4 | | 16:00 | 6.31 | 20.7 | 4.93 | 16.2 |
| | 20:08 | 6.80 | 22.3 | 5.83 | 19.1 | | 22:18 | 1.30 | 4.3 | 5.01 | 16.4 |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

APRIL - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 | 04:22 | 6.70 | 22.0 | 5.40 | 17.7 | 25 | 03:50 | 1.79 | 5.9 | 4.41 | 14.5 |
| Wed | 10:50 | 0.89 | 2.9 | 5.81 | 19.1 | Thu | 09:54 | 5.82 | 19.1 | 4.03 | 13.2 |
| | 16:52 | 6.81 | 22.3 | 5.92 | 19.4 | | 16:05 | 2.14 | 7.0 | 3.68 | 12.1 |
| | 23:09 | 0.83 | 2.7 | 5.98 | 19.6 | | 22:17 | 5.75 | 18.9 | 3.61 | 11.9 |
| 18 | 05:12 | 7.14 | 23.4 | 6.31 | 20.7 | 26 | 04:35 | 2.25 | 7.4 | 3.50 | 11.5 |
| Thu | 11:38 | 0.52 | 1.7 | 6.62 | 21.7 | Fri | 10:42 | 5.35 | 17.6 | 3.10 | 10.2 |
| | 17:38 | 7.18 | 23.6 | 6.66 | 21.8 | ☾ | 16:53 | 2.56 | 8.4 | 2.79 | 9.2 |
| | 23:55 | 0.50 | 1.6 | 6.68 | 21.9 | | 23:12 | 5.35 | 17.5 | 2.79 | 9.1 |
| 19 | 05:58 | 7.41 | 24.3 | 6.91 | 22.7 | 27 | 05:36 | 2.60 | 8.5 | 2.74 | 9.0 |
| Fri | 12:21 | 0.33 | 1.1 | 7.08 | 23.2 | Sat | 11:46 | 4.98 | 16.4 | 2.38 | 7.8 |
| ○ | 18:21 | 7.38 | 24.2 | 7.06 | 23.1 | | 18:07 | 2.85 | 9.3 | 2.13 | 7.0 |
| 20 | 00:38 | 0.33 | 1.1 | 7.05 | 23.1 | 28 | 00:30 | 5.11 | 16.8 | 2.26 | 7.4 |
| Sat | 06:41 | 7.50 | 24.6 | 7.16 | 23.5 | Sun | 07:04 | 2.72 | 8.9 | 2.39 | 7.8 |
| | 13:03 | 0.31 | 1.0 | 7.19 | 23.6 | | 13:19 | 4.88 | 16.0 | 2.16 | 7.1 |
| | 19:01 | 7.41 | 24.3 | 7.10 | 23.3 | | 19:46 | 2.83 | 9.3 | 2.05 | 6.7 |
| 21 | 01:19 | 0.35 | 1.1 | 7.07 | 23.2 | 29 | 02:00 | 5.20 | 17.1 | 2.37 | 7.8 |
| Sun | 07:21 | 7.41 | 24.3 | 7.06 | 23.2 | Mon | 08:30 | 2.53 | 8.3 | 2.67 | 8.8 |
| | 13:41 | 0.47 | 1.5 | 6.94 | 22.8 | | 14:42 | 5.13 | 16.8 | 2.60 | 8.5 |
| | 19:40 | 7.29 | 23.9 | 6.82 | 22.4 | | 21:02 | 2.53 | 8.3 | 2.60 | 8.5 |
| 22 | 01:57 | 0.54 | 1.8 | 6.75 | 22.1 | 30 | 03:06 | 5.52 | 18.1 | 2.99 | 9.8 |
| Mon | 08:00 | 7.16 | 23.5 | 6.62 | 21.7 | Tue | 09:30 | 2.18 | 7.1 | 3.35 | 11.0 |
| | 14:18 | 0.77 | 2.5 | 6.38 | 20.9 | | 15:38 | 5.52 | 18.1 | 3.35 | 11.0 |
| | 20:18 | 7.02 | 23.0 | 6.24 | 20.5 | | 21:54 | 2.14 | 7.0 | 3.38 | 11.1 |
| 23 | 02:35 | 0.88 | 2.9 | 6.14 | 20.1 | | | | | | |
| Tue | 08:37 | 6.77 | 22.2 | 5.90 | 19.4 | | | | | | |
| | 14:53 | 1.19 | 3.9 | 5.58 | 18.3 | | | | | | |
| | 20:55 | 6.64 | 21.8 | 5.45 | 17.9 | | | | | | |
| 24 | 03:12 | 1.31 | 4.3 | 5.33 | 17.5 | | | | | | |
| Wed | 09:15 | 6.31 | 20.7 | 5.00 | 16.4 | | | | | | |
| | 15:27 | 1.66 | 5.5 | 4.65 | 15.3 | | | | | | |
| | 21:33 | 6.20 | 20.3 | 4.54 | 14.9 | | | | | | |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

MAY

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|----------------------|-------|--------|------|-------|------|-----------------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 Wed | 03:56 | 5.90 | 19.4 | 3.76 | 12.3 | 9 Thu | 02:49 | 1.23 | 4.0 | 5.51 | 18.1 |
| | 10:16 | 1.80 | 5.9 | 4.09 | 13.4 | | 08:52 | 6.51 | 21.4 | 5.28 | 17.3 |
| | 16:21 | 5.92 | 19.4 | 4.11 | 13.5 | | 15:07 | 1.40 | 4.6 | 5.11 | 16.8 |
| | 22:36 | 1.77 | 5.8 | 4.15 | 13.6 | | 21:10 | 6.47 | 21.2 | 5.07 | 16.6 |
| 2 Thu | 04:37 | 6.24 | 20.5 | 4.47 | 14.7 | 10 Fri | 03:33 | 1.51 | 4.9 | 4.97 | 16.3 |
| | 10:55 | 1.48 | 4.9 | 4.76 | 15.6 | | 09:40 | 6.17 | 20.3 | 4.67 | 15.3 |
| | 16:57 | 6.26 | 20.6 | 4.79 | 15.7 | | 15:54 | 1.73 | 5.7 | 4.44 | 14.6 |
| | 23:13 | 1.45 | 4.8 | 4.81 | 15.8 | | 22:02 | 6.15 | 20.2 | 4.42 | 14.5 |
| 3 Fri | 05:13 | 6.52 | 21.4 | 5.07 | 16.6 | 11 Sat | 04:27 | 1.80 | 5.9 | 4.35 | 14.3 |
| | 11:30 | 1.22 | 4.0 | 5.30 | 17.4 | | 10:39 | 5.82 | 19.1 | 4.01 | 13.2 |
| | 17:31 | 6.55 | 21.5 | 5.33 | 17.5 | | 16:52 | 2.05 | 6.7 | 3.77 | 12.4 |
| | 23:48 | 1.21 | 4.0 | 5.34 | 17.5 | | 23:07 | 5.86 | 19.2 | 3.81 | 12.5 |
| 4 Sat ● | 05:48 | 6.74 | 22.1 | 5.53 | 18.1 | 12 Sun ☾ | 05:37 | 2.03 | 6.7 | 3.83 | 12.6 |
| | 12:05 | 1.03 | 3.4 | 5.71 | 18.7 | | 11:51 | 5.57 | 18.3 | 3.54 | 11.6 |
| | 18:04 | 6.77 | 22.2 | 5.74 | 18.8 | | 18:09 | 2.23 | 7.3 | 3.34 | 11.0 |
| 5 Sun | 00:21 | 1.03 | 3.4 | 5.74 | 18.8 | 13 Mon | 00:25 | 5.73 | 18.8 | 3.51 | 11.5 |
| | 06:22 | 6.88 | 22.6 | 5.85 | 19.2 | | 07:05 | 2.03 | 6.7 | 3.70 | 12.1 |
| | 12:39 | 0.91 | 3.0 | 5.97 | 19.6 | | 13:13 | 5.58 | 18.3 | 3.54 | 11.6 |
| | 18:38 | 6.91 | 22.7 | 6.00 | 19.7 | | 19:38 | 2.13 | 7.0 | 3.45 | 11.3 |
| 6 Mon | 00:57 | 0.93 | 3.1 | 5.98 | 19.6 | 14 Tue | 01:46 | 5.88 | 19.3 | 3.75 | 12.3 |
| | 06:57 | 6.95 | 22.8 | 6.02 | 19.7 | | 08:24 | 1.78 | 5.8 | 4.10 | 13.5 |
| | 13:14 | 0.88 | 2.9 | 6.07 | 19.9 | | 14:30 | 5.85 | 19.2 | 4.08 | 13.4 |
| | 19:12 | 6.96 | 22.9 | 6.08 | 20.0 | | 20:52 | 1.79 | 5.9 | 4.06 | 13.3 |
| 7 Tue | 01:32 | 0.93 | 3.1 | 6.03 | 19.8 | 15 Wed | 02:57 | 6.22 | 20.4 | 4.43 | 14.5 |
| | 07:33 | 6.91 | 22.7 | 5.98 | 19.6 | | 09:30 | 1.41 | 4.6 | 4.81 | 15.8 |
| | 13:49 | 0.95 | 3.1 | 5.96 | 19.6 | | 15:33 | 6.26 | 20.5 | 4.85 | 15.9 |
| | 19:48 | 6.91 | 22.7 | 5.95 | 19.5 | | 21:53 | 1.39 | 4.6 | 4.87 | 16.0 |
| 8 Wed | 02:09 | 1.03 | 3.4 | 5.88 | 19.3 | 16 Thu | 03:57 | 6.59 | 21.6 | 5.20 | 17.1 |
| | 08:11 | 6.77 | 22.2 | 5.74 | 18.8 | | 10:24 | 1.07 | 3.5 | 5.52 | 18.1 |
| | 14:27 | 1.13 | 3.7 | 5.63 | 18.5 | | 16:27 | 6.64 | 21.8 | 5.57 | 18.3 |
| | 20:27 | 6.74 | 22.1 | 5.60 | 18.4 | | 22:45 | 1.05 | 3.4 | 5.59 | 18.3 |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

MAY - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|-----------------------|-------|--------|------|-------|------|-----------------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 Fri | 04:48 | 6.89 | 22.6 | 5.84 | 19.2 | 25 Sat | 04:09 | 2.11 | 6.9 | 3.80 | 12.5 |
| | 11:12 | 0.83 | 2.7 | 6.06 | 19.9 | | 10:13 | 5.51 | 18.1 | 3.39 | 11.1 |
| | 17:14 | 6.92 | 22.7 | 6.09 | 20.0 | | 16:23 | 2.38 | 7.8 | 3.12 | 10.2 |
| | 23:31 | 0.82 | 2.7 | 6.11 | 20.0 | | 22:40 | 5.59 | 18.3 | 3.20 | 10.5 |
| 18 Sat ○ | 05:34 | 7.06 | 23.2 | 6.24 | 20.5 | 26 Sun ☾ | 05:00 | 2.39 | 7.9 | 3.19 | 10.5 |
| | 11:57 | 0.72 | 2.3 | 6.34 | 20.8 | | 11:06 | 5.20 | 17.1 | 2.81 | 9.2 |
| | 17:57 | 7.08 | 23.2 | 6.37 | 20.9 | | 17:20 | 2.64 | 8.7 | 2.56 | 8.4 |
| | | | | | | | 23:40 | 5.34 | 17.5 | 2.70 | 8.9 |
| 19 Sun | 00:15 | 0.71 | 2.3 | 6.37 | 20.9 | 27 Mon | 06:08 | 2.56 | 8.4 | 2.79 | 9.1 |
| | 06:18 | 7.10 | 23.3 | 6.39 | 21.0 | | 12:15 | 5.02 | 16.5 | 2.47 | 8.1 |
| | 12:37 | 0.72 | 2.4 | 6.38 | 20.9 | | 18:36 | 2.74 | 9.0 | 2.28 | 7.5 |
| | 18:38 | 7.12 | 23.4 | 6.40 | 21.0 | | | | | | |
| 20 Mon | 00:56 | 0.73 | 2.4 | 6.39 | 21.0 | 28 Tue | 00:54 | 5.27 | 17.3 | 2.52 | 8.3 |
| | 06:58 | 7.02 | 23.0 | 6.29 | 20.6 | | 07:22 | 2.53 | 8.3 | 2.74 | 9.0 |
| | 13:15 | 0.84 | 2.8 | 6.18 | 20.3 | | 13:34 | 5.08 | 16.7 | 2.55 | 8.4 |
| | 19:17 | 7.04 | 23.1 | 6.20 | 20.3 | | 19:54 | 2.62 | 8.6 | 2.45 | 8.0 |
| 21 Tue | 01:35 | 0.87 | 2.9 | 6.17 | 20.2 | 29 Wed | 02:06 | 5.41 | 17.7 | 2.78 | 9.1 |
| | 07:36 | 6.84 | 22.4 | 5.96 | 19.6 | | 08:30 | 2.32 | 7.6 | 3.09 | 10.1 |
| | 13:53 | 1.06 | 3.5 | 5.77 | 18.9 | | 14:40 | 5.34 | 17.5 | 3.02 | 9.9 |
| | 19:54 | 6.86 | 22.5 | 5.79 | 19.0 | | 20:57 | 2.35 | 7.7 | 2.99 | 9.8 |
| 22 Wed | 02:12 | 1.12 | 3.7 | 5.74 | 18.8 | 30 Thu | 03:03 | 5.68 | 18.7 | 3.34 | 11.0 |
| | 08:14 | 6.56 | 21.5 | 5.44 | 17.9 | | 09:24 | 2.02 | 6.6 | 3.67 | 12.0 |
| | 14:28 | 1.36 | 4.5 | 5.20 | 17.1 | | 15:31 | 5.70 | 18.7 | 3.68 | 12.1 |
| | 20:32 | 6.58 | 21.6 | 5.22 | 17.1 | | 21:48 | 2.01 | 6.6 | 3.68 | 12.1 |
| 23 Thu | 02:50 | 1.44 | 4.7 | 5.15 | 16.9 | 31 Fri | 03:51 | 6.00 | 19.7 | 3.99 | 13.1 |
| | 08:51 | 6.23 | 20.4 | 4.79 | 15.7 | | 10:10 | 1.70 | 5.6 | 4.30 | 14.1 |
| | 15:03 | 1.71 | 5.6 | 4.52 | 14.8 | | 16:14 | 6.06 | 19.9 | 4.36 | 14.3 |
| | 21:10 | 6.26 | 20.5 | 4.55 | 14.9 | | 22:32 | 1.68 | 5.5 | 4.38 | 14.4 |
| 24 Fri | 03:27 | 1.78 | 5.8 | 4.48 | 14.7 | | | | | | |
| | 09:30 | 5.86 | 19.2 | 4.08 | 13.4 | | | | | | |
| | 15:40 | 2.06 | 6.8 | 3.80 | 12.5 | | | | | | |
| | 21:52 | 5.91 | 19.4 | 3.85 | 12.6 | | | | | | |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

JUNE

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|-------------------|-------|--------|------|-------|-------|--------------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 Sat | 04:33 | 6.31 | 20.7 | 4.63 | 15.2 | 9 Sun | 04:27 | 1.51 | 4.9 | 4.94 | 16.2 |
| | 10:52 | 1.42 | 4.7 | 4.90 | 16.1 | | 10:35 | 6.08 | 19.9 | 4.57 | 15.0 |
| | 16:54 | 6.40 | 21.0 | 4.99 | 16.4 | | 16:48 | 1.75 | 5.8 | 4.32 | 14.2 |
| | 23:13 | 1.40 | 4.6 | 5.01 | 16.4 | | 23:01 | 6.21 | 20.4 | 4.45 | 14.6 |
| 2 Sun | 05:13 | 6.58 | 21.6 | 5.19 | 17.0 | 10 Mon ☾ | 05:30 | 1.71 | 5.6 | 4.50 | 14.8 |
| | 11:32 | 1.18 | 3.9 | 5.40 | 17.7 | | 11:39 | 5.85 | 19.2 | 4.15 | 13.6 |
| | 17:33 | 6.69 | 21.9 | 5.50 | 18.1 | | 17:55 | 1.93 | 6.3 | 3.92 | 12.9 |
| | 23:53 | 1.16 | 3.8 | 5.52 | 18.1 | | | | | | |
| 3 Mon ● | 05:54 | 6.79 | 22.3 | 5.62 | 18.4 | 11 Tue | 00:08 | 6.05 | 19.8 | 4.12 | 13.5 |
| | 12:12 | 1.02 | 3.3 | 5.77 | 18.9 | | 06:43 | 1.80 | 5.9 | 4.25 | 13.9 |
| | 18:12 | 6.89 | 22.6 | 5.88 | 19.3 | | 12:48 | 5.77 | 18.9 | 3.97 | 13.0 |
| | | | | | 19:10 | | 1.95 | 6.4 | 3.82 | 12.5 | |
| 4 Tue | 00:34 | 1.01 | 3.3 | 5.89 | 19.3 | 12 Wed | 01:18 | 6.03 | 19.8 | 4.07 | 13.4 |
| | 06:34 | 6.91 | 22.7 | 5.90 | 19.4 | | 07:55 | 1.74 | 5.7 | 4.28 | 14.1 |
| | 12:52 | 0.93 | 3.1 | 5.98 | 19.6 | | 13:59 | 5.86 | 19.2 | 4.12 | 13.5 |
| | 18:53 | 7.00 | 23.0 | 6.07 | 19.9 | | 20:21 | 1.82 | 6.0 | 4.04 | 13.3 |
| 5 Wed | 01:15 | 0.93 | 3.1 | 6.07 | 19.9 | 13 Thu | 02:27 | 6.14 | 20.1 | 4.32 | 14.2 |
| | 07:17 | 6.93 | 22.7 | 5.99 | 19.7 | | 09:00 | 1.59 | 5.2 | 4.55 | 14.9 |
| | 13:33 | 0.94 | 3.1 | 5.98 | 19.6 | | 15:03 | 6.08 | 20.0 | 4.49 | 14.7 |
| | 19:35 | 7.00 | 23.0 | 6.06 | 19.9 | | 21:25 | 1.61 | 5.3 | 4.48 | 14.7 |
| 6 Thu | 01:58 | 0.96 | 3.1 | 6.05 | 19.8 | 14 Fri | 03:30 | 6.32 | 20.7 | 4.71 | 15.5 |
| | 08:00 | 6.83 | 22.4 | 5.88 | 19.3 | | 09:58 | 1.41 | 4.6 | 4.91 | 16.1 |
| | 14:16 | 1.05 | 3.5 | 5.78 | 19.0 | | 16:00 | 6.34 | 20.8 | 4.93 | 16.2 |
| | 20:19 | 6.89 | 22.6 | 5.84 | 19.2 | | 22:20 | 1.39 | 4.6 | 4.95 | 16.2 |
| 7 Fri | 02:43 | 1.08 | 3.5 | 5.82 | 19.1 | 15 Sat | 04:24 | 6.49 | 21.3 | 5.10 | 16.7 |
| | 08:48 | 6.64 | 21.8 | 5.56 | 18.2 | | 10:48 | 1.26 | 4.1 | 5.23 | 17.2 |
| | 15:02 | 1.25 | 4.1 | 5.39 | 17.7 | | 16:51 | 6.57 | 21.5 | 5.31 | 17.4 |
| | 21:08 | 6.70 | 22.0 | 5.45 | 17.9 | | 23:09 | 1.23 | 4.0 | 5.34 | 17.5 |
| 8 Sat | 03:32 | 1.27 | 4.2 | 5.42 | 17.8 | 16 Sun | 05:14 | 6.61 | 21.7 | 5.39 | 17.7 |
| | 09:38 | 6.37 | 20.9 | 5.09 | 16.7 | | 11:34 | 1.17 | 3.8 | 5.45 | 17.9 |
| | 15:51 | 1.50 | 4.9 | 4.86 | 16.0 | | 17:36 | 6.72 | 22.1 | 5.56 | 18.2 |
| | 22:01 | 6.45 | 21.2 | 4.95 | 16.2 | | 23:54 | 1.13 | 3.7 | 5.59 | 18.3 |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

JUNE - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 | 05:58 | 6.67 | 21.9 | 5.54 | 18.2 | 25 | 05:15 | 2.29 | 7.5 | 3.35 | 11.0 |
| Mon | 12:15 | 1.14 | 3.7 | 5.53 | 18.1 | Tue | 11:19 | 5.29 | 17.4 | 3.00 | 9.8 |
| ○ | 18:18 | 6.80 | 22.3 | 5.67 | 18.6 | ☾ | 17:33 | 2.51 | 8.2 | 2.79 | 9.1 |
| | | | | | | | 23:51 | 5.46 | 17.9 | 2.95 | 9.7 |
| 18 | 00:36 | 1.11 | 3.7 | 5.69 | 18.7 | 26 | 06:15 | 2.41 | 7.9 | 3.05 | 10.0 |
| Tue | 06:39 | 6.66 | 21.8 | 5.54 | 18.2 | Wed | 12:20 | 5.19 | 17.0 | 2.78 | 9.1 |
| | 12:54 | 1.18 | 3.9 | 5.48 | 18.0 | | 18:42 | 2.58 | 8.5 | 2.60 | 8.5 |
| | 18:58 | 6.80 | 22.3 | 5.63 | 18.5 | | | | | | |
| 19 | 01:16 | 1.17 | 3.8 | 5.64 | 18.5 | 27 | 00:54 | 5.40 | 17.7 | 2.82 | 9.2 |
| Wed | 07:18 | 6.58 | 21.6 | 5.41 | 17.8 | Thu | 07:22 | 2.39 | 7.9 | 3.01 | 9.9 |
| | 13:32 | 1.28 | 4.2 | 5.30 | 17.4 | | 13:29 | 5.25 | 17.2 | 2.85 | 9.4 |
| | 19:36 | 6.72 | 22.1 | 5.44 | 17.9 | | 19:52 | 2.49 | 8.2 | 2.76 | 9.0 |
| 20 | 01:54 | 1.28 | 4.2 | 5.44 | 17.9 | 28 | 02:00 | 5.50 | 18.1 | 3.01 | 9.9 |
| Thu | 07:55 | 6.43 | 21.1 | 5.15 | 16.9 | Fri | 08:26 | 2.23 | 7.3 | 3.27 | 10.7 |
| | 14:08 | 1.44 | 4.7 | 5.00 | 16.4 | | 14:33 | 5.49 | 18.0 | 3.26 | 10.7 |
| | 20:13 | 6.57 | 21.6 | 5.14 | 16.9 | | 20:56 | 2.25 | 7.4 | 3.23 | 10.6 |
| 21 | 02:30 | 1.45 | 4.8 | 5.12 | 16.8 | 29 | 03:00 | 5.75 | 18.9 | 3.50 | 11.5 |
| Fri | 08:32 | 6.24 | 20.5 | 4.79 | 15.7 | Sat | 09:24 | 1.96 | 6.4 | 3.79 | 12.4 |
| | 14:42 | 1.64 | 5.4 | 4.60 | 15.1 | | 15:29 | 5.84 | 19.1 | 3.87 | 12.7 |
| | 20:50 | 6.37 | 20.9 | 4.73 | 15.5 | | 21:51 | 1.93 | 6.3 | 3.90 | 12.8 |
| 22 | 03:06 | 1.66 | 5.4 | 4.71 | 15.5 | 30 | 03:54 | 6.07 | 19.9 | 4.14 | 13.6 |
| Sat | 09:08 | 6.01 | 19.7 | 4.35 | 14.3 | Sun | 10:15 | 1.65 | 5.4 | 4.41 | 14.5 |
| | 15:18 | 1.86 | 6.1 | 4.14 | 13.6 | | 16:18 | 6.22 | 20.4 | 4.56 | 15.0 |
| | 21:28 | 6.13 | 20.1 | 4.27 | 14.0 | | 22:41 | 1.59 | 5.2 | 4.63 | 15.2 |
| 23 | 03:44 | 1.88 | 6.2 | 4.26 | 14.0 | | | | | | |
| Sun | 09:46 | 5.75 | 18.9 | 3.88 | 12.7 | | | | | | |
| | 15:55 | 2.10 | 6.9 | 3.65 | 12.0 | | | | | | |
| | 22:09 | 5.88 | 19.3 | 3.78 | 12.4 | | | | | | |
| 24 | 04:26 | 2.10 | 6.9 | 3.78 | 12.4 | | | | | | |
| Mon | 10:29 | 5.50 | 18.1 | 3.41 | 11.2 | | | | | | |
| | 16:39 | 2.33 | 7.6 | 3.18 | 10.4 | | | | | | |
| | 22:56 | 5.64 | 18.5 | 3.32 | 10.9 | | | | | | |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

JULY

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|----------------------|-------|--------|------|-------|------|-----------------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 Mon | 04:43 | 6.39 | 21.0 | 4.80 | 15.8 | 9 Tue ☾ | 05:12 | 1.43 | 4.7 | 5.11 | 16.8 |
| | 11:03 | 1.36 | 4.4 | 5.04 | 16.5 | | 11:16 | 6.11 | 20.0 | 4.68 | 15.3 |
| | 17:06 | 6.57 | 21.6 | 5.22 | 17.1 | | 17:32 | 1.68 | 5.5 | 4.43 | 14.5 |
| | 23:29 | 1.28 | 4.2 | 5.30 | 17.4 | | 23:42 | 6.25 | 20.5 | 4.57 | 15.0 |
| 2 Tue ● | 05:30 | 6.68 | 21.9 | 5.40 | 17.7 | 10 Wed | 06:12 | 1.70 | 5.6 | 4.55 | 14.9 |
| | 11:50 | 1.10 | 3.6 | 5.58 | 18.3 | | 12:17 | 5.87 | 19.3 | 4.17 | 13.7 |
| | 17:52 | 6.87 | 22.5 | 5.76 | 18.9 | | 18:37 | 1.89 | 6.2 | 3.98 | 13.0 |
| 3 Wed | 00:16 | 1.02 | 3.3 | 5.85 | 19.2 | 11 Thu | 00:46 | 6.01 | 19.7 | 4.12 | 13.5 |
| | 06:18 | 6.89 | 22.6 | 5.87 | 19.3 | | 07:20 | 1.88 | 6.2 | 4.13 | 13.5 |
| | 12:36 | 0.92 | 3.0 | 5.97 | 19.6 | | 13:24 | 5.75 | 18.9 | 3.88 | 12.7 |
| | 18:38 | 7.07 | 23.2 | 6.15 | 20.2 | | 19:48 | 1.98 | 6.5 | 3.77 | 12.4 |
| 4 Thu | 01:03 | 0.83 | 2.7 | 6.24 | 20.5 | 12 Fri | 01:55 | 5.89 | 19.3 | 3.91 | 12.8 |
| | 07:05 | 7.00 | 23.0 | 6.17 | 20.2 | | 08:29 | 1.92 | 6.3 | 3.97 | 13.0 |
| | 13:21 | 0.83 | 2.7 | 6.18 | 20.3 | | 14:33 | 5.81 | 19.0 | 3.89 | 12.8 |
| | 19:25 | 7.17 | 23.5 | 6.35 | 20.8 | | 20:58 | 1.93 | 6.3 | 3.87 | 12.7 |
| 5 Fri | 01:50 | 0.75 | 2.5 | 6.43 | 21.1 | 13 Sat | 03:03 | 5.92 | 19.4 | 3.99 | 13.1 |
| | 07:53 | 7.01 | 23.0 | 6.26 | 20.5 | | 09:33 | 1.83 | 6.0 | 4.09 | 13.4 |
| | 14:08 | 0.83 | 2.7 | 6.17 | 20.2 | | 15:37 | 5.99 | 19.6 | 4.16 | 13.6 |
| | 20:13 | 7.16 | 23.5 | 6.33 | 20.8 | | 22:00 | 1.78 | 5.9 | 4.21 | 13.8 |
| 6 Sat | 02:38 | 0.78 | 2.5 | 6.38 | 20.9 | 14 Sun | 04:05 | 6.05 | 19.9 | 4.27 | 14.0 |
| | 08:41 | 6.89 | 22.6 | 6.12 | 20.1 | | 10:29 | 1.69 | 5.5 | 4.36 | 14.3 |
| | 14:55 | 0.94 | 3.1 | 5.95 | 19.5 | | 16:33 | 6.23 | 20.4 | 4.54 | 14.9 |
| | 21:02 | 7.04 | 23.1 | 6.09 | 20.0 | | 22:54 | 1.61 | 5.3 | 4.62 | 15.1 |
| 7 Sun | 03:27 | 0.92 | 3.0 | 6.12 | 20.1 | 15 Mon | 04:58 | 6.22 | 20.4 | 4.61 | 15.1 |
| | 09:30 | 6.68 | 21.9 | 5.76 | 18.9 | | 11:17 | 1.54 | 5.1 | 4.68 | 15.3 |
| | 15:43 | 1.14 | 3.8 | 5.53 | 18.2 | | 17:21 | 6.44 | 21.1 | 4.90 | 16.1 |
| | 21:52 | 6.82 | 22.4 | 5.68 | 18.6 | | 23:40 | 1.46 | 4.8 | 4.99 | 16.4 |
| 8 Mon | 04:17 | 1.15 | 3.8 | 5.67 | 18.6 | 16 Tue ○ | 05:45 | 6.36 | 20.9 | 4.90 | 16.1 |
| | 10:21 | 6.40 | 21.0 | 5.25 | 17.2 | | 12:00 | 1.43 | 4.7 | 4.93 | 16.2 |
| | 16:35 | 1.40 | 4.6 | 5.00 | 16.4 | | 18:04 | 6.60 | 21.7 | 5.18 | 17.0 |
| | 22:45 | 6.54 | 21.5 | 5.13 | 16.8 | | | | | | |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

JULY - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 | 00:22 | 1.35 | 4.4 | 5.25 | 17.2 | 25 | 05:15 | 2.24 | 7.4 | 3.44 | 11.3 |
| Wed | 06:25 | 6.44 | 21.1 | 5.09 | 16.7 | Thu | 11:21 | 5.40 | 17.7 | 3.16 | 10.4 |
| | 12:38 | 1.36 | 4.5 | 5.09 | 16.7 | ☾ | 17:36 | 2.46 | 8.1 | 2.94 | 9.7 |
| | 18:43 | 6.69 | 21.9 | 5.33 | 17.5 | | 23:52 | 5.48 | 18.0 | 3.03 | 9.9 |
| 18 | 01:00 | 1.30 | 4.3 | 5.39 | 17.7 | 26 | 06:15 | 2.40 | 7.9 | 3.08 | 10.1 |
| Thu | 07:03 | 6.47 | 21.2 | 5.18 | 17.0 | Fri | 12:23 | 5.28 | 17.3 | 2.88 | 9.5 |
| | 13:14 | 1.34 | 4.4 | 5.13 | 16.8 | | 18:46 | 2.56 | 8.4 | 2.72 | 8.9 |
| | 19:20 | 6.70 | 22.0 | 5.36 | 17.6 | | | | | | |
| 19 | 01:36 | 1.30 | 4.3 | 5.41 | 17.7 | 27 | 00:59 | 5.40 | 17.7 | 2.84 | 9.3 |
| Fri | 07:37 | 6.45 | 21.1 | 5.15 | 16.9 | Sat | 07:27 | 2.41 | 7.9 | 2.99 | 9.8 |
| | 13:48 | 1.38 | 4.5 | 5.07 | 16.6 | | 13:36 | 5.35 | 17.5 | 2.93 | 9.6 |
| | 19:54 | 6.65 | 21.8 | 5.28 | 17.3 | | 20:05 | 2.46 | 8.1 | 2.89 | 9.5 |
| 20 | 02:10 | 1.35 | 4.4 | 5.31 | 17.4 | 28 | 02:12 | 5.52 | 18.1 | 3.06 | 10.0 |
| Sat | 08:11 | 6.36 | 20.9 | 5.02 | 16.5 | Sun | 08:40 | 2.23 | 7.3 | 3.29 | 10.8 |
| | 14:21 | 1.47 | 4.8 | 4.90 | 16.1 | | 14:48 | 5.63 | 18.5 | 3.40 | 11.2 |
| | 20:28 | 6.55 | 21.5 | 5.08 | 16.7 | | 21:16 | 2.16 | 7.1 | 3.47 | 11.4 |
| 21 | 02:43 | 1.45 | 4.7 | 5.10 | 16.7 | 29 | 03:20 | 5.83 | 19.1 | 3.67 | 12.0 |
| Sun | 08:43 | 6.23 | 20.4 | 4.78 | 15.7 | Mon | 09:45 | 1.89 | 6.2 | 3.94 | 12.9 |
| | 14:53 | 1.60 | 5.3 | 4.63 | 15.2 | | 15:50 | 6.05 | 19.8 | 4.16 | 13.6 |
| | 21:02 | 6.38 | 20.9 | 4.78 | 15.7 | | 22:17 | 1.74 | 5.7 | 4.30 | 14.1 |
| 22 | 03:16 | 1.60 | 5.2 | 4.78 | 15.7 | 30 | 04:20 | 6.23 | 20.4 | 4.48 | 14.7 |
| Mon | 09:17 | 6.05 | 19.8 | 4.45 | 14.6 | Tue | 10:41 | 1.50 | 4.9 | 4.73 | 15.5 |
| | 15:26 | 1.78 | 5.9 | 4.26 | 14.0 | | 16:45 | 6.50 | 21.3 | 5.01 | 16.4 |
| | 21:36 | 6.17 | 20.3 | 4.39 | 14.4 | | 23:11 | 1.31 | 4.3 | 5.20 | 17.0 |
| 23 | 03:51 | 1.80 | 5.9 | 4.38 | 14.4 | 31 | 05:14 | 6.63 | 21.8 | 5.32 | 17.5 |
| Tue | 09:52 | 5.83 | 19.1 | 4.04 | 13.2 | Wed | 11:33 | 1.12 | 3.7 | 5.51 | 18.1 |
| | 16:02 | 2.00 | 6.6 | 3.83 | 12.6 | | 17:36 | 6.92 | 22.7 | 5.80 | 19.0 |
| | 22:14 | 5.93 | 19.5 | 3.93 | 12.9 | | | | | | |
| 24 | 04:30 | 2.02 | 6.6 | 3.91 | 12.8 | | | | | | |
| Wed | 10:32 | 5.61 | 18.4 | 3.58 | 11.8 | | | | | | |
| | 16:44 | 2.24 | 7.4 | 3.36 | 11.0 | | | | | | |
| | 22:58 | 5.69 | 18.7 | 3.44 | 11.3 | | | | | | |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

AUGUST

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 | 00:02 | 0.92 | 3.0 | 6.00 | 19.7 | 9 | 00:11 | 5.83 | 19.1 | 3.85 | 12.6 |
| Thu | 06:05 | 6.97 | 22.9 | 6.05 | 19.8 | Fri | 06:40 | 2.15 | 7.1 | 3.68 | 12.1 |
| ☉ | 12:22 | 0.82 | 2.7 | 6.15 | 20.2 | | 12:48 | 5.58 | 18.3 | 3.42 | 11.2 |
| | 18:26 | 7.25 | 23.8 | 6.43 | 21.1 | | 19:14 | 2.27 | 7.4 | 3.31 | 10.8 |
| 2 | 00:51 | 0.62 | 2.0 | 6.63 | 21.8 | 10 | 01:22 | 5.54 | 18.2 | 3.27 | 10.7 |
| Fri | 06:54 | 7.19 | 23.6 | 6.58 | 21.6 | Sat | 07:58 | 2.33 | 7.6 | 3.21 | 10.5 |
| | 13:09 | 0.61 | 2.0 | 6.58 | 21.6 | | 14:04 | 5.51 | 18.1 | 3.18 | 10.4 |
| | 19:14 | 7.45 | 24.4 | 6.84 | 22.4 | | 20:36 | 2.31 | 7.6 | 3.20 | 10.5 |
| 3 | 01:39 | 0.44 | 1.5 | 7.00 | 23.0 | 11 | 02:41 | 5.51 | 18.1 | 3.20 | 10.5 |
| Sat | 07:41 | 7.28 | 23.9 | 6.84 | 22.4 | Sun | 09:14 | 2.26 | 7.4 | 3.25 | 10.7 |
| | 13:56 | 0.53 | 1.7 | 6.75 | 22.1 | | 15:19 | 5.69 | 18.7 | 3.43 | 11.3 |
| | 20:01 | 7.50 | 24.6 | 6.97 | 22.9 | | 21:46 | 2.13 | 7.0 | 3.56 | 11.7 |
| 4 | 02:26 | 0.43 | 1.4 | 7.07 | 23.2 | 12 | 03:52 | 5.70 | 18.7 | 3.57 | 11.7 |
| Sun | 08:27 | 7.21 | 23.7 | 6.78 | 22.2 | Mon | 10:15 | 2.03 | 6.7 | 3.67 | 12.0 |
| | 14:42 | 0.60 | 2.0 | 6.61 | 21.7 | | 16:21 | 6.01 | 19.7 | 3.98 | 13.1 |
| | 20:47 | 7.39 | 24.2 | 6.79 | 22.3 | | 22:42 | 1.87 | 6.1 | 4.14 | 13.6 |
| 5 | 03:12 | 0.60 | 2.0 | 6.80 | 22.3 | 13 | 04:48 | 5.98 | 19.6 | 4.11 | 13.5 |
| Mon | 09:12 | 7.00 | 23.0 | 6.40 | 21.0 | Tue | 11:04 | 1.77 | 5.8 | 4.21 | 13.8 |
| | 15:27 | 0.82 | 2.7 | 6.18 | 20.3 | | 17:09 | 6.32 | 20.7 | 4.55 | 14.9 |
| | 21:33 | 7.12 | 23.4 | 6.30 | 20.7 | | 23:28 | 1.61 | 5.3 | 4.71 | 15.5 |
| 6 | 03:57 | 0.91 | 3.0 | 6.21 | 20.4 | 14 | 05:31 | 6.23 | 20.4 | 4.62 | 15.2 |
| Tue | 09:58 | 6.67 | 21.9 | 5.75 | 18.9 | Wed | 11:45 | 1.55 | 5.1 | 4.68 | 15.4 |
| | 16:12 | 1.16 | 3.8 | 5.50 | 18.0 | | 17:50 | 6.57 | 21.5 | 5.01 | 16.4 |
| | 22:21 | 6.73 | 22.1 | 5.56 | 18.3 | | | | | | |
| 7 | 04:43 | 1.33 | 4.4 | 5.40 | 17.7 | 15 | 00:07 | 1.42 | 4.6 | 5.15 | 16.9 |
| Wed | 10:47 | 6.26 | 20.6 | 4.93 | 16.2 | Thu | 06:09 | 6.42 | 21.1 | 5.00 | 16.4 |
| ☾ | 17:02 | 1.58 | 5.2 | 4.68 | 15.4 | ○ | 12:21 | 1.39 | 4.6 | 5.02 | 16.5 |
| | 23:12 | 6.27 | 20.6 | 4.69 | 15.4 | | 18:26 | 6.72 | 22.1 | 5.33 | 17.5 |
| 8 | 05:36 | 1.78 | 5.8 | 4.49 | 14.7 | 16 | 00:42 | 1.28 | 4.2 | 5.44 | 17.8 |
| Thu | 11:42 | 5.87 | 19.3 | 4.09 | 13.4 | Fri | 06:44 | 6.53 | 21.4 | 5.25 | 17.2 |
| | 18:00 | 1.99 | 6.5 | 3.88 | 12.7 | | 12:55 | 1.30 | 4.2 | 5.23 | 17.2 |
| | | | | | | | 19:00 | 6.80 | 22.3 | 5.50 | 18.1 |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

AUGUST - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 | 01:15 | 1.21 | 4.0 | 5.59 | 18.3 | 25 | 00:09 | 5.36 | 17.6 | 2.77 | 9.1 |
| Sat | 07:16 | 6.58 | 21.6 | 5.37 | 17.6 | Sun | 06:33 | 2.56 | 8.4 | 2.79 | 9.2 |
| | 13:26 | 1.26 | 4.1 | 5.32 | 17.5 | | 12:48 | 5.29 | 17.4 | 2.73 | 8.9 |
| | 19:31 | 6.80 | 22.3 | 5.55 | 18.2 | | 19:21 | 2.62 | 8.6 | 2.67 | 8.8 |
| 18 | 01:45 | 1.19 | 3.9 | 5.61 | 18.4 | 26 | 01:34 | 5.35 | 17.5 | 2.72 | 8.9 |
| Sun | 07:46 | 6.56 | 21.5 | 5.37 | 17.6 | Mon | 08:06 | 2.47 | 8.1 | 2.88 | 9.4 |
| | 13:57 | 1.28 | 4.2 | 5.28 | 17.3 | | 14:15 | 5.49 | 18.0 | 3.03 | 9.9 |
| | 20:02 | 6.75 | 22.1 | 5.47 | 18.0 | | 20:51 | 2.32 | 7.6 | 3.17 | 10.4 |
| 19 | 02:16 | 1.24 | 4.1 | 5.51 | 18.1 | 27 | 02:57 | 5.65 | 18.6 | 3.33 | 10.9 |
| Mon | 08:16 | 6.49 | 21.3 | 5.24 | 17.2 | Tue | 09:23 | 2.08 | 6.8 | 3.57 | 11.7 |
| | 14:26 | 1.37 | 4.5 | 5.12 | 16.8 | | 15:29 | 5.97 | 19.6 | 3.88 | 12.7 |
| | 20:33 | 6.62 | 21.7 | 5.26 | 17.3 | | 22:00 | 1.81 | 5.9 | 4.16 | 13.6 |
| 20 | 02:46 | 1.37 | 4.5 | 5.26 | 17.2 | 28 | 04:04 | 6.16 | 20.2 | 4.35 | 14.3 |
| Tue | 08:45 | 6.35 | 20.8 | 4.98 | 16.3 | Wed | 10:24 | 1.58 | 5.2 | 4.58 | 15.0 |
| | 14:57 | 1.53 | 5.0 | 4.82 | 15.8 | | 16:30 | 6.54 | 21.4 | 4.96 | 16.3 |
| | 21:03 | 6.43 | 21.1 | 4.90 | 16.1 | | 22:57 | 1.25 | 4.1 | 5.29 | 17.3 |
| 21 | 03:18 | 1.57 | 5.1 | 4.86 | 16.0 | 29 | 05:00 | 6.69 | 21.9 | 5.44 | 17.8 |
| Wed | 09:17 | 6.15 | 20.2 | 4.58 | 15.0 | Thu | 11:18 | 1.08 | 3.5 | 5.61 | 18.4 |
| | 15:29 | 1.77 | 5.8 | 4.39 | 14.4 | | 17:22 | 7.07 | 23.2 | 5.99 | 19.6 |
| | 21:36 | 6.18 | 20.3 | 4.42 | 14.5 | | 23:48 | 0.75 | 2.5 | 6.31 | 20.7 |
| 22 | 03:51 | 1.83 | 6.0 | 4.35 | 14.3 | 30 | 05:51 | 7.13 | 23.4 | 6.38 | 20.9 |
| Thu | 09:51 | 5.91 | 19.4 | 4.08 | 13.4 | Fri | 12:07 | 0.67 | 2.2 | 6.46 | 21.2 |
| | 16:04 | 2.05 | 6.7 | 3.86 | 12.7 | ● | 18:11 | 7.48 | 24.5 | 6.81 | 22.3 |
| | 22:14 | 5.89 | 19.3 | 3.84 | 12.6 | | | | | | |
| 23 | 04:30 | 2.12 | 6.9 | 3.78 | 12.4 | 31 | 00:36 | 0.39 | 1.3 | 7.09 | 23.3 |
| Fri | 10:33 | 5.64 | 18.5 | 3.53 | 11.6 | Sat | 06:38 | 7.43 | 24.4 | 7.04 | 23.1 |
| ☾ | 16:48 | 2.34 | 7.7 | 3.30 | 10.8 | | 12:54 | 0.40 | 1.3 | 7.03 | 23.1 |
| | 23:02 | 5.59 | 18.4 | 3.25 | 10.7 | | 18:57 | 7.72 | 25.3 | 7.33 | 24.0 |
| 24 | 05:20 | 2.39 | 7.8 | 3.20 | 10.5 | | | | | | |
| Sat | 11:30 | 5.40 | 17.7 | 3.00 | 9.9 | | | | | | |
| | 17:51 | 2.59 | 8.5 | 2.81 | 9.2 | | | | | | |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

SEPTEMBER

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|----------------------|-------|--------|------|-------|------|-----------------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 Sun | 01:22 | 0.21 | 0.7 | 7.52 | 24.7 | 9 Mon | 02:22 | 5.20 | 17.0 | 2.55 | 8.4 |
| | 07:23 | 7.55 | 24.8 | 7.34 | 24.1 | | 08:57 | 2.61 | 8.5 | 2.59 | 8.5 |
| | 13:39 | 0.30 | 1.0 | 7.25 | 23.8 | | 15:03 | 5.51 | 18.1 | 2.90 | 9.5 |
| | 19:42 | 7.77 | 25.5 | 7.48 | 24.5 | | 21:33 | 2.38 | 7.8 | 3.13 | 10.3 |
| 2 Mon | 02:06 | 0.23 | 0.8 | 7.54 | 24.7 | 10 Tue | 03:39 | 5.50 | 18.0 | 3.12 | 10.2 |
| | 08:06 | 7.48 | 24.5 | 7.25 | 23.8 | | 10:00 | 2.27 | 7.5 | 3.23 | 10.6 |
| | 14:21 | 0.39 | 1.3 | 7.09 | 23.3 | | 16:05 | 5.92 | 19.4 | 3.65 | 12.0 |
| | 20:26 | 7.61 | 25.0 | 7.22 | 23.7 | | 22:28 | 2.01 | 6.6 | 3.90 | 12.8 |
| 3 Tue | 02:48 | 0.47 | 1.5 | 7.14 | 23.4 | 11 Wed | 04:32 | 5.89 | 19.3 | 3.88 | 12.7 |
| | 08:48 | 7.22 | 23.7 | 6.76 | 22.2 | | 10:48 | 1.91 | 6.3 | 3.98 | 13.1 |
| | 15:03 | 0.67 | 2.2 | 6.55 | 21.5 | | 16:51 | 6.31 | 20.7 | 4.40 | 14.4 |
| | 21:09 | 7.25 | 23.8 | 6.58 | 21.6 | | 23:10 | 1.68 | 5.5 | 4.63 | 15.2 |
| 4 Wed | 03:30 | 0.88 | 2.9 | 6.37 | 20.9 | 12 Thu | 05:13 | 6.23 | 20.5 | 4.56 | 15.0 |
| | 09:30 | 6.83 | 22.4 | 5.94 | 19.5 | | 11:26 | 1.61 | 5.3 | 4.62 | 15.2 |
| | 15:45 | 1.12 | 3.7 | 5.71 | 18.7 | | 17:29 | 6.61 | 21.7 | 5.00 | 16.4 |
| | 21:52 | 6.75 | 22.2 | 5.63 | 18.5 | | 23:46 | 1.41 | 4.6 | 5.19 | 17.0 |
| 5 Thu | 04:11 | 1.41 | 4.6 | 5.34 | 17.5 | 13 Fri | 05:48 | 6.49 | 21.3 | 5.07 | 16.6 |
| | 10:15 | 6.34 | 20.8 | 4.93 | 16.2 | | 12:00 | 1.39 | 4.6 | 5.10 | 16.7 |
| | 16:30 | 1.65 | 5.4 | 4.69 | 15.4 | | 18:03 | 6.80 | 22.3 | 5.42 | 17.8 |
| | 22:38 | 6.18 | 20.3 | 4.52 | 14.8 | | | | | | |
| 6 Fri ☾ | 04:57 | 1.97 | 6.5 | 4.20 | 13.8 | 14 Sat ○ | 00:19 | 1.23 | 4.0 | 5.57 | 18.3 |
| | 11:06 | 5.84 | 19.1 | 3.86 | 12.7 | | 06:20 | 6.65 | 21.8 | 5.42 | 17.8 |
| | 17:24 | 2.18 | 7.2 | 3.65 | 12.0 | | 12:31 | 1.24 | 4.1 | 5.41 | 17.7 |
| | 23:34 | 5.62 | 18.4 | 3.43 | 11.3 | | 18:35 | 6.91 | 22.7 | 5.67 | 18.6 |
| 7 Sat | 05:57 | 2.47 | 8.1 | 3.15 | 10.3 | 15 Sun | 00:49 | 1.13 | 3.7 | 5.79 | 19.0 |
| | 12:11 | 5.43 | 17.8 | 2.96 | 9.7 | | 06:50 | 6.74 | 22.1 | 5.62 | 18.4 |
| | 18:39 | 2.58 | 8.5 | 2.84 | 9.3 | | 13:01 | 1.16 | 3.8 | 5.58 | 18.3 |
| | | | | | | 19:05 | 6.95 | 22.8 | 5.79 | 19.0 | |
| 8 Sun | 00:49 | 5.23 | 17.2 | 2.65 | 8.7 | 16 Mon | 01:18 | 1.09 | 3.6 | 5.86 | 19.2 |
| | 07:27 | 2.72 | 8.9 | 2.50 | 8.2 | | 07:18 | 6.77 | 22.2 | 5.69 | 18.7 |
| | 13:36 | 5.29 | 17.3 | 2.56 | 8.4 | | 13:30 | 1.16 | 3.8 | 5.62 | 18.4 |
| | 20:16 | 2.64 | 8.7 | 2.64 | 8.7 | | 19:34 | 6.92 | 22.7 | 5.76 | 18.9 |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

SEPTEMBER - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 | 01:48 | 1.12 | 3.7 | 5.80 | 19.0 | 25 | 02:40 | 5.62 | 18.4 | 3.26 | 10.7 |
| Tue | 07:47 | 6.73 | 22.1 | 5.61 | 18.4 | Wed | 09:06 | 2.18 | 7.2 | 3.44 | 11.3 |
| | 13:59 | 1.23 | 4.0 | 5.51 | 18.1 | | 15:12 | 6.02 | 19.7 | 3.83 | 12.6 |
| | 20:03 | 6.81 | 22.4 | 5.59 | 18.3 | | 21:45 | 1.77 | 5.8 | 4.24 | 13.9 |
| 18 | 02:17 | 1.24 | 4.1 | 5.57 | 18.3 | 26 | 03:50 | 6.20 | 20.3 | 4.43 | 14.5 |
| Wed | 08:15 | 6.62 | 21.7 | 5.38 | 17.7 | Thu | 10:09 | 1.60 | 5.2 | 4.60 | 15.1 |
| | 14:29 | 1.39 | 4.6 | 5.23 | 17.2 | | 16:14 | 6.65 | 21.8 | 5.05 | 16.6 |
| | 20:33 | 6.63 | 21.8 | 5.24 | 17.2 | | 22:42 | 1.16 | 3.8 | 5.48 | 18.0 |
| 19 | 02:47 | 1.45 | 4.8 | 5.18 | 17.0 | 27 | 04:45 | 6.79 | 22.3 | 5.63 | 18.5 |
| Thu | 08:45 | 6.44 | 21.1 | 4.98 | 16.3 | Fri | 11:01 | 1.04 | 3.4 | 5.75 | 18.9 |
| | 15:00 | 1.64 | 5.4 | 4.79 | 15.7 | | 17:05 | 7.21 | 23.7 | 6.17 | 20.2 |
| | 21:04 | 6.37 | 20.9 | 4.73 | 15.5 | | 23:31 | 0.65 | 2.1 | 6.56 | 21.5 |
| 20 | 03:18 | 1.73 | 5.7 | 4.64 | 15.2 | 28 | 05:33 | 7.27 | 23.8 | 6.61 | 21.7 |
| Fri | 09:18 | 6.18 | 20.3 | 4.44 | 14.6 | Sat | 11:49 | 0.60 | 2.0 | 6.66 | 21.9 |
| | 15:34 | 1.95 | 6.4 | 4.23 | 13.9 | ● | 17:52 | 7.62 | 25.0 | 7.02 | 23.0 |
| | 21:40 | 6.05 | 19.9 | 4.10 | 13.5 | | | | | | |
| 21 | 03:55 | 2.07 | 6.8 | 3.99 | 13.1 | 29 | 00:18 | 0.32 | 1.0 | 7.31 | 24.0 |
| Sat | 09:58 | 5.87 | 19.2 | 3.80 | 12.5 | Sun | 06:18 | 7.57 | 24.8 | 7.25 | 23.8 |
| | 16:16 | 2.29 | 7.5 | 3.57 | 11.7 | | 12:34 | 0.33 | 1.1 | 7.24 | 23.7 |
| | 22:27 | 5.69 | 18.7 | 3.40 | 11.2 | | 18:37 | 7.84 | 25.7 | 7.50 | 24.6 |
| 22 | 04:43 | 2.41 | 7.9 | 3.28 | 10.8 | 30 | 01:01 | 0.19 | 0.6 | 7.65 | 25.1 |
| Sun | 10:53 | 5.54 | 18.2 | 3.13 | 10.3 | Mon | 07:00 | 7.68 | 25.2 | 7.49 | 24.6 |
| ☾ | 17:18 | 2.60 | 8.5 | 2.94 | 9.6 | | 13:17 | 0.26 | 0.9 | 7.41 | 24.3 |
| | 23:35 | 5.36 | 17.6 | 2.76 | 9.1 | | 19:20 | 7.83 | 25.7 | 7.57 | 24.8 |
| 23 | 05:56 | 2.67 | 8.8 | 2.68 | 8.8 | | | | | | |
| Mon | 12:15 | 5.33 | 17.5 | 2.66 | 8.7 | | | | | | |
| | 18:54 | 2.69 | 8.8 | 2.64 | 8.6 | | | | | | |
| 24 | 01:09 | 5.28 | 17.3 | 2.58 | 8.5 | | | | | | |
| Tue | 07:42 | 2.62 | 8.6 | 2.66 | 8.7 | | | | | | |
| | 13:53 | 5.49 | 18.0 | 2.87 | 9.4 | | | | | | |
| | 20:35 | 2.36 | 7.7 | 3.14 | 10.3 | | | | | | |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

OCTOBER

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 | 01:42 | 0.27 | 0.9 | 7.56 | 24.8 | 9 | 03:15 | 5.37 | 17.6 | 2.81 | 9.2 |
| Tue | 07:42 | 7.58 | 24.9 | 7.31 | 24.0 | Wed | 09:35 | 2.48 | 8.1 | 2.89 | 9.5 |
| | 13:58 | 0.40 | 1.3 | 7.18 | 23.6 | | 15:38 | 5.83 | 19.1 | 3.35 | 11.0 |
| | 20:01 | 7.61 | 25.0 | 7.21 | 23.6 | | 22:01 | 2.15 | 7.1 | 3.68 | 12.1 |
| 2 | 02:22 | 0.57 | 1.9 | 7.04 | 23.1 | 10 | 04:06 | 5.81 | 19.1 | 3.66 | 12.0 |
| Wed | 08:22 | 7.31 | 24.0 | 6.74 | 22.1 | Thu | 10:21 | 2.07 | 6.8 | 3.74 | 12.3 |
| | 14:39 | 0.74 | 2.4 | 6.57 | 21.5 | | 16:23 | 6.25 | 20.5 | 4.17 | 13.7 |
| | 20:42 | 7.20 | 23.6 | 6.46 | 21.2 | | 22:42 | 1.77 | 5.8 | 4.47 | 14.7 |
| 3 | 03:01 | 1.03 | 3.4 | 6.17 | 20.2 | 11 | 04:45 | 6.20 | 20.3 | 4.43 | 14.5 |
| Thu | 09:02 | 6.89 | 22.6 | 5.85 | 19.2 | Fri | 10:59 | 1.72 | 5.7 | 4.48 | 14.7 |
| | 15:18 | 1.23 | 4.0 | 5.65 | 18.6 | | 17:00 | 6.58 | 21.6 | 4.85 | 15.9 |
| | 21:23 | 6.66 | 21.9 | 5.43 | 17.8 | | 23:18 | 1.48 | 4.8 | 5.10 | 16.7 |
| 4 | 03:39 | 1.59 | 5.2 | 5.07 | 16.6 | 12 | 05:20 | 6.50 | 21.3 | 5.02 | 16.5 |
| Fri | 09:44 | 6.38 | 20.9 | 4.78 | 15.7 | Sat | 11:33 | 1.46 | 4.8 | 5.04 | 16.5 |
| | 16:00 | 1.80 | 5.9 | 4.57 | 15.0 | | 17:34 | 6.80 | 22.3 | 5.34 | 17.5 |
| | 22:06 | 6.06 | 19.9 | 4.26 | 14.0 | | 23:50 | 1.27 | 4.2 | 5.54 | 18.2 |
| 5 | 04:21 | 2.17 | 7.1 | 3.89 | 12.7 | 13 | 05:51 | 6.71 | 22.0 | 5.45 | 17.9 |
| Sat | 10:31 | 5.85 | 19.2 | 3.67 | 12.0 | Sun | 12:03 | 1.28 | 4.2 | 5.43 | 17.8 |
| ☾ | 16:51 | 2.36 | 7.8 | 3.48 | 11.4 | ○ | 18:06 | 6.94 | 22.8 | 5.67 | 18.6 |
| | 22:59 | 5.49 | 18.0 | 3.12 | 10.2 | | | | | | |
| 6 | 05:16 | 2.69 | 8.8 | 2.80 | 9.2 | 14 | 00:20 | 1.14 | 3.7 | 5.81 | 19.1 |
| Sun | 11:34 | 5.40 | 17.7 | 2.71 | 8.9 | Mon | 06:21 | 6.85 | 22.5 | 5.71 | 18.7 |
| | 18:04 | 2.79 | 9.1 | 2.61 | 8.6 | | 12:33 | 1.17 | 3.8 | 5.68 | 18.6 |
| | | | | | | | 18:36 | 7.01 | 23.0 | 5.84 | 19.2 |
| 7 | 00:13 | 5.07 | 16.6 | 2.28 | 7.5 | 15 | 00:50 | 1.08 | 3.5 | 5.93 | 19.5 |
| Mon | 06:48 | 2.99 | 9.8 | 2.08 | 6.8 | Tue | 06:50 | 6.92 | 22.7 | 5.84 | 19.2 |
| | 13:03 | 5.20 | 17.1 | 2.22 | 7.3 | | 13:03 | 1.14 | 3.7 | 5.78 | 19.0 |
| | 19:48 | 2.85 | 9.4 | 2.35 | 7.7 | | 19:06 | 7.01 | 23.0 | 5.86 | 19.2 |
| 8 | 01:54 | 5.03 | 16.5 | 2.18 | 7.1 | 16 | 01:20 | 1.10 | 3.6 | 5.91 | 19.4 |
| Tue | 08:30 | 2.86 | 9.4 | 2.17 | 7.1 | Wed | 07:18 | 6.92 | 22.7 | 5.81 | 19.1 |
| | 14:34 | 5.42 | 17.8 | 2.56 | 8.4 | | 13:34 | 1.20 | 3.9 | 5.72 | 18.8 |
| | 21:08 | 2.56 | 8.4 | 2.86 | 9.4 | | 19:36 | 6.93 | 22.7 | 5.73 | 18.8 |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

OCTOBER - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 | 01:51 | 1.21 | 4.0 | 5.71 | 18.7 | 25 | 03:30 | 6.26 | 20.5 | 4.55 | 14.9 |
| Thu | 07:48 | 6.83 | 22.4 | 5.61 | 18.4 | Fri | 09:48 | 1.61 | 5.3 | 4.65 | 15.3 |
| | 14:05 | 1.35 | 4.4 | 5.48 | 18.0 | | 15:53 | 6.71 | 22.0 | 5.10 | 16.7 |
| | 20:07 | 6.76 | 22.2 | 5.40 | 17.7 | | 22:21 | 1.16 | 3.8 | 5.55 | 18.2 |
| 18 | 02:22 | 1.42 | 4.7 | 5.34 | 17.5 | 26 | 04:24 | 6.81 | 22.3 | 5.65 | 18.5 |
| Fri | 08:21 | 6.65 | 21.8 | 5.23 | 17.2 | Sat | 10:41 | 1.10 | 3.6 | 5.71 | 18.7 |
| | 14:38 | 1.59 | 5.2 | 5.06 | 16.6 | | 16:44 | 7.21 | 23.6 | 6.11 | 20.0 |
| | 20:41 | 6.50 | 21.3 | 4.91 | 16.1 | | 23:10 | 0.74 | 2.4 | 6.47 | 21.2 |
| 19 | 02:55 | 1.70 | 5.6 | 4.79 | 15.7 | 27 | 05:11 | 7.24 | 23.8 | 6.50 | 21.3 |
| Sat | 08:56 | 6.38 | 20.9 | 4.68 | 15.4 | Sun | 11:28 | 0.71 | 2.3 | 6.53 | 21.4 |
| | 15:15 | 1.89 | 6.2 | 4.49 | 14.7 | GMT | 17:30 | 7.54 | 24.7 | 6.83 | 22.4 |
| | 21:20 | 6.16 | 20.2 | 4.26 | 14.0 | | 23:55 | 0.48 | 1.6 | 7.06 | 23.2 |
| 20 | 03:34 | 2.04 | 6.7 | 4.11 | 13.5 | 28 | 05:55 | 7.51 | 24.6 | 7.02 | 23.0 |
| Sun | 09:39 | 6.05 | 19.9 | 4.01 | 13.1 | Mon | 12:12 | 0.50 | 1.6 | 7.01 | 23.0 |
| | 16:01 | 2.23 | 7.3 | 3.82 | 12.5 | ● | 18:15 | 7.69 | 25.2 | 7.19 | 23.6 |
| | 22:09 | 5.77 | 18.9 | 3.54 | 11.6 | | | | | | |
| 21 | 04:25 | 2.40 | 7.9 | 3.37 | 11.1 | 29 | 00:37 | 0.42 | 1.4 | 7.27 | 23.9 |
| Mon | 10:36 | 5.70 | 18.7 | 3.30 | 10.8 | Tue | 06:37 | 7.59 | 24.9 | 7.18 | 23.5 |
| ☾ | 17:05 | 2.53 | 8.3 | 3.17 | 10.4 | | 12:54 | 0.47 | 1.5 | 7.13 | 23.4 |
| | 23:20 | 5.43 | 17.8 | 2.90 | 9.5 | | 18:57 | 7.64 | 25.1 | 7.18 | 23.5 |
| 22 | 05:39 | 2.67 | 8.8 | 2.76 | 9.1 | 30 | 01:18 | 0.54 | 1.8 | 7.10 | 23.3 |
| Tue | 12:00 | 5.49 | 18.0 | 2.82 | 9.3 | Wed | 07:18 | 7.51 | 24.6 | 6.97 | 22.9 |
| | 18:42 | 2.60 | 8.5 | 2.89 | 9.5 | | 13:36 | 0.62 | 2.0 | 6.88 | 22.6 |
| | | | | | | | 19:38 | 7.41 | 24.3 | 6.79 | 22.3 |
| 23 | 00:54 | 5.37 | 17.6 | 2.77 | 9.1 | 31 | 01:57 | 0.82 | 2.7 | 6.59 | 21.6 |
| Wed | 07:24 | 2.61 | 8.6 | 2.76 | 9.1 | Thu | 07:57 | 7.26 | 23.8 | 6.43 | 21.1 |
| | 13:33 | 5.65 | 18.5 | 3.04 | 10.0 | | 14:15 | 0.94 | 3.1 | 6.31 | 20.7 |
| | 20:17 | 2.26 | 7.4 | 3.39 | 11.1 | | 20:18 | 7.03 | 23.1 | 6.08 | 20.0 |
| 24 | 02:23 | 5.71 | 18.7 | 3.45 | 11.3 | | | | | | |
| Thu | 08:47 | 2.17 | 7.1 | 3.53 | 11.6 | | | | | | |
| | 14:52 | 6.14 | 20.1 | 3.96 | 13.0 | | | | | | |
| | 21:26 | 1.71 | 5.6 | 4.42 | 14.5 | | | | | | |

ALL TIMES GMT: From 31st March to 26th October add 1 hour for British Summer Time

NOVEMBER

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|----------------------|-------|--------|------|-------|------|-----------------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 Fri | 02:35 | 1.24 | 4.1 | 5.78 | 19.0 | 9 Sat | 04:09 | 6.02 | 19.7 | 4.03 | 13.2 |
| | 08:37 | 6.88 | 22.6 | 5.63 | 18.5 | | 10:24 | 1.96 | 6.4 | 4.06 | 13.3 |
| | 14:55 | 1.40 | 4.6 | 5.48 | 18.0 | | 16:24 | 6.37 | 20.9 | 4.42 | 14.5 |
| | 20:58 | 6.54 | 21.4 | 5.14 | 16.9 | | 22:42 | 1.67 | 5.5 | 4.70 | 15.4 |
| 2 Sat | 03:12 | 1.75 | 5.7 | 4.79 | 15.7 | 10 Sun | 04:45 | 6.35 | 20.8 | 4.68 | 15.4 |
| | 09:18 | 6.42 | 21.1 | 4.68 | 15.3 | | 11:00 | 1.66 | 5.4 | 4.69 | 15.4 |
| | 15:36 | 1.90 | 6.2 | 4.52 | 14.8 | | 17:00 | 6.63 | 21.8 | 4.98 | 16.3 |
| | 21:40 | 6.01 | 19.7 | 4.10 | 13.5 | | 23:17 | 1.43 | 4.7 | 5.21 | 17.1 |
| 3 Sun | 03:52 | 2.25 | 7.4 | 3.75 | 12.3 | 11 Mon | 05:18 | 6.62 | 21.7 | 5.20 | 17.0 |
| | 10:03 | 5.94 | 19.5 | 3.69 | 12.1 | | 11:33 | 1.44 | 4.7 | 5.19 | 17.0 |
| | 16:23 | 2.39 | 7.8 | 3.55 | 11.7 | | 17:34 | 6.82 | 22.4 | 5.39 | 17.7 |
| | 22:28 | 5.50 | 18.1 | 3.11 | 10.2 | | 23:50 | 1.26 | 4.1 | 5.56 | 18.3 |
| 4 Mon ☾ | 04:42 | 2.71 | 8.9 | 2.80 | 9.2 | 12 Tue ○ | 05:51 | 6.82 | 22.4 | 5.56 | 18.2 |
| | 11:00 | 5.52 | 18.1 | 2.82 | 9.2 | | 12:06 | 1.29 | 4.2 | 5.54 | 18.2 |
| | 17:27 | 2.77 | 9.1 | 2.75 | 9.0 | | 18:07 | 6.94 | 22.8 | 5.66 | 18.6 |
| | 23:33 | 5.12 | 16.8 | 2.34 | 7.7 | | | | | | |
| 5 Tue | 05:57 | 3.01 | 9.9 | 2.10 | 6.9 | 13 Wed | 00:22 | 1.17 | 3.8 | 5.78 | 19.0 |
| | 12:18 | 5.28 | 17.3 | 2.27 | 7.4 | | 06:22 | 6.95 | 22.8 | 5.78 | 19.0 |
| | 18:57 | 2.90 | 9.5 | 2.38 | 7.8 | | 12:39 | 1.21 | 4.0 | 5.74 | 18.8 |
| | | | | | | | 18:40 | 6.99 | 22.9 | 5.77 | 18.9 |
| 6 Wed | 01:04 | 5.00 | 16.4 | 2.10 | 6.9 | 14 Thu | 00:55 | 1.15 | 3.8 | 5.84 | 19.2 |
| | 07:37 | 3.00 | 9.8 | 2.00 | 6.6 | | 06:54 | 7.00 | 23.0 | 5.85 | 19.2 |
| | 13:45 | 5.36 | 17.6 | 2.36 | 7.7 | | 13:13 | 1.22 | 4.0 | 5.77 | 18.9 |
| | 20:21 | 2.70 | 8.9 | 2.65 | 8.7 | | 19:14 | 6.95 | 22.8 | 5.73 | 18.8 |
| 7 Thu | 02:28 | 5.23 | 17.2 | 2.53 | 8.3 | 15 Fri | 01:30 | 1.22 | 4.0 | 5.73 | 18.8 |
| | 08:51 | 2.70 | 8.9 | 2.53 | 8.3 | | 07:29 | 6.95 | 22.8 | 5.73 | 18.8 |
| | 14:54 | 5.67 | 18.6 | 2.97 | 9.7 | | 13:48 | 1.32 | 4.3 | 5.63 | 18.5 |
| | 21:20 | 2.35 | 7.7 | 3.32 | 10.9 | | 19:49 | 6.81 | 22.4 | 5.49 | 18.0 |
| 8 Fri | 03:26 | 5.62 | 18.4 | 3.27 | 10.7 | 16 Sat | 02:05 | 1.38 | 4.5 | 5.44 | 17.8 |
| | 09:42 | 2.32 | 7.6 | 3.31 | 10.8 | | 08:05 | 6.80 | 22.3 | 5.42 | 17.8 |
| | 15:44 | 6.04 | 19.8 | 3.72 | 12.2 | | 14:26 | 1.50 | 4.9 | 5.30 | 17.4 |
| | 22:05 | 1.98 | 6.5 | 4.06 | 13.3 | | 20:28 | 6.58 | 21.6 | 5.08 | 16.7 |

ALL TIMES GMT

NOVEMBER - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 | 02:43 | 1.62 | 5.3 | 4.96 | 16.3 | 25 | 04:48 | 6.99 | 22.9 | 5.96 | 19.6 |
| Sun | 08:45 | 6.56 | 21.5 | 4.94 | 16.2 | Mon | 11:06 | 1.00 | 3.3 | 5.98 | 19.6 |
| | 15:08 | 1.75 | 5.7 | 4.81 | 15.8 | | 17:09 | 7.20 | 23.6 | 6.19 | 20.3 |
| | 21:12 | 6.27 | 20.6 | 4.52 | 14.8 | | 23:33 | 0.85 | 2.8 | 6.35 | 20.8 |
| 18 | 03:27 | 1.92 | 6.3 | 4.35 | 14.3 | 26 | 05:33 | 7.22 | 23.7 | 6.37 | 20.9 |
| Mon | 09:33 | 6.26 | 20.6 | 4.34 | 14.2 | Tue | 11:52 | 0.84 | 2.7 | 6.38 | 20.9 |
| | 15:58 | 2.03 | 6.7 | 4.23 | 13.9 | ● | 17:54 | 7.30 | 23.9 | 6.46 | 21.2 |
| | 22:06 | 5.92 | 19.4 | 3.89 | 12.8 | | | | | | |
| 19 | 04:21 | 2.23 | 7.3 | 3.69 | 12.1 | 27 | 00:16 | 0.80 | 2.6 | 6.50 | 21.3 |
| Tue | 10:33 | 5.97 | 19.6 | 3.74 | 12.3 | Wed | 06:16 | 7.31 | 24.0 | 6.51 | 21.4 |
| ☾ | 17:02 | 2.27 | 7.4 | 3.70 | 12.1 | | 12:35 | 0.81 | 2.6 | 6.51 | 21.3 |
| | 23:15 | 5.64 | 18.5 | 3.38 | 11.1 | | 18:38 | 7.26 | 23.8 | 6.45 | 21.2 |
| 20 | 05:31 | 2.45 | 8.0 | 3.20 | 10.5 | 28 | 00:57 | 0.89 | 2.9 | 6.38 | 20.9 |
| Wed | 11:48 | 5.80 | 19.0 | 3.35 | 11.0 | Thu | 06:58 | 7.28 | 23.9 | 6.39 | 21.0 |
| | 18:27 | 2.32 | 7.6 | 3.48 | 11.4 | | 13:17 | 0.92 | 3.0 | 6.36 | 20.9 |
| | | | | | | | 19:19 | 7.09 | 23.3 | 6.18 | 20.3 |
| 21 | 00:35 | 5.58 | 18.3 | 3.26 | 10.7 | 29 | 01:36 | 1.09 | 3.6 | 6.01 | 19.7 |
| Thu | 07:00 | 2.42 | 7.9 | 3.16 | 10.4 | Fri | 07:38 | 7.11 | 23.3 | 6.03 | 19.8 |
| | 13:09 | 5.88 | 19.3 | 3.46 | 11.4 | | 13:57 | 1.15 | 3.8 | 5.97 | 19.6 |
| | 19:51 | 2.10 | 6.9 | 3.78 | 12.4 | | 19:59 | 6.82 | 22.4 | 5.67 | 18.6 |
| 22 | 01:56 | 5.81 | 19.0 | 3.70 | 12.2 | 30 | 02:14 | 1.38 | 4.5 | 5.43 | 17.8 |
| Fri | 08:19 | 2.12 | 6.9 | 3.69 | 12.1 | Sat | 08:18 | 6.84 | 22.5 | 5.46 | 17.9 |
| | 14:24 | 6.20 | 20.3 | 4.08 | 13.4 | | 14:36 | 1.47 | 4.8 | 5.37 | 17.6 |
| | 21:00 | 1.72 | 5.6 | 4.48 | 14.7 | | 20:39 | 6.46 | 21.2 | 4.99 | 16.4 |
| 23 | 03:03 | 6.21 | 20.4 | 4.49 | 14.7 | | | | | | |
| Sat | 09:23 | 1.70 | 5.6 | 4.51 | 14.8 | | | | | | |
| | 15:27 | 6.60 | 21.7 | 4.90 | 16.1 | | | | | | |
| | 21:57 | 1.33 | 4.4 | 5.27 | 17.3 | | | | | | |
| 24 | 03:59 | 6.64 | 21.8 | 5.31 | 17.4 | | | | | | |
| Sun | 10:18 | 1.30 | 4.3 | 5.34 | 17.5 | | | | | | |
| | 16:21 | 6.96 | 22.8 | 5.65 | 18.6 | | | | | | |
| | 22:47 | 1.03 | 3.4 | 5.93 | 19.5 | | | | | | |

ALL TIMES GMT

DECEMBER

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|----------------------|-------|--------|------|-------|-------|-----------------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 1 Sun | 02:51 | 1.74 | 5.7 | 4.72 | 15.5 | 9 Mon | 04:05 | 6.03 | 19.8 | 4.06 | 13.3 |
| | 08:58 | 6.50 | 21.3 | 4.76 | 15.6 | | 10:22 | 1.96 | 6.4 | 4.07 | 13.4 |
| | 15:17 | 1.84 | 6.1 | 4.65 | 15.3 | | 16:23 | 6.29 | 20.6 | 4.33 | 14.2 |
| | 21:18 | 6.06 | 19.9 | 4.22 | 13.8 | | 22:42 | 1.69 | 5.6 | 4.60 | 15.1 |
| 2 Mon | 03:30 | 2.13 | 7.0 | 3.94 | 12.9 | 10 Tue | 04:44 | 6.36 | 20.9 | 4.67 | 15.3 |
| | 09:40 | 6.13 | 20.1 | 4.01 | 13.1 | | 11:02 | 1.68 | 5.5 | 4.69 | 15.4 |
| | 15:59 | 2.21 | 7.2 | 3.92 | 12.9 | | 17:02 | 6.55 | 21.5 | 4.87 | 16.0 |
| | 22:02 | 5.68 | 18.6 | 3.47 | 11.4 | | 23:20 | 1.46 | 4.8 | 5.09 | 16.7 |
| 3 Tue | 04:12 | 2.48 | 8.1 | 3.20 | 10.5 | 11 Wed | 05:21 | 6.65 | 21.8 | 5.19 | 17.0 |
| | 10:28 | 5.78 | 19.0 | 3.30 | 10.8 | | 11:40 | 1.45 | 4.8 | 5.20 | 17.0 |
| | 16:49 | 2.52 | 8.3 | 3.27 | 10.7 | | 17:40 | 6.75 | 22.1 | 5.30 | 17.4 |
| | 22:53 | 5.34 | 17.5 | 2.83 | 9.3 | | 23:57 | 1.28 | 4.2 | 5.47 | 17.9 |
| 4 Wed) | 05:06 | 2.76 | 9.1 | 2.58 | 8.5 | 12 Thu ○ | 05:58 | 6.86 | 22.5 | 5.58 | 18.3 |
| | 11:26 | 5.51 | 18.1 | 2.74 | 9.0 | | 12:18 | 1.29 | 4.2 | 5.58 | 18.3 |
| | 17:54 | 2.71 | 8.9 | 2.79 | 9.2 | | 18:19 | 6.88 | 22.6 | 5.60 | 18.4 |
| | 23:58 | 5.13 | 16.8 | 2.41 | 7.9 | | | | | | |
| 5 Thu | 06:20 | 2.91 | 9.5 | 2.22 | 7.3 | 13 Fri | 00:36 | 1.18 | 3.9 | 5.71 | 18.7 |
| | 12:37 | 5.38 | 17.7 | 2.47 | 8.1 | | 06:36 | 6.99 | 22.9 | 5.82 | 19.1 |
| | 19:09 | 2.73 | 8.9 | 2.65 | 8.7 | | 12:58 | 1.19 | 3.9 | 5.80 | 19.0 |
| | | | | | 18:59 | | 6.93 | 22.7 | 5.74 | 18.8 | |
| 6 Fri | 01:18 | 5.12 | 16.8 | 2.40 | 7.9 | 14 Sat | 01:15 | 1.15 | 3.8 | 5.78 | 19.0 |
| | 07:40 | 2.84 | 9.3 | 2.29 | 7.5 | | 07:16 | 7.03 | 23.1 | 5.88 | 19.3 |
| | 13:51 | 5.47 | 17.9 | 2.63 | 8.6 | | 13:39 | 1.18 | 3.9 | 5.85 | 19.2 |
| | 20:18 | 2.55 | 8.4 | 2.91 | 9.6 | | 19:40 | 6.88 | 22.6 | 5.70 | 18.7 |
| 7 Sat | 02:27 | 5.34 | 17.5 | 2.79 | 9.2 | 15 Sun | 01:55 | 1.21 | 4.0 | 5.67 | 18.6 |
| | 08:47 | 2.59 | 8.5 | 2.75 | 9.0 | | 07:57 | 6.97 | 22.9 | 5.76 | 18.9 |
| | 14:51 | 5.70 | 18.7 | 3.11 | 10.2 | | 14:21 | 1.25 | 4.1 | 5.72 | 18.8 |
| | 21:15 | 2.27 | 7.5 | 3.43 | 11.3 | | 20:24 | 6.74 | 22.1 | 5.48 | 18.0 |
| 8 Sun | 03:21 | 5.67 | 18.6 | 3.40 | 11.2 | 16 Mon | 02:38 | 1.36 | 4.5 | 5.38 | 17.6 |
| | 09:39 | 2.27 | 7.5 | 3.40 | 11.2 | | 08:42 | 6.82 | 22.4 | 5.46 | 17.9 |
| | 15:40 | 6.00 | 19.7 | 3.73 | 12.2 | | 15:06 | 1.40 | 4.6 | 5.42 | 17.8 |
| | 22:01 | 1.97 | 6.5 | 4.03 | 13.2 | | 21:11 | 6.51 | 21.3 | 5.10 | 16.7 |

ALL TIMES GMT

DECEMBER - (Continued)

| Date | Time | Height | | Range | | Date | Time | Height | | Range | |
|------------|-------|--------|------|-------|------|------------|-------|--------|------|-------|------|
| | | m | ft | m | ft | | | m | ft | m | ft |
| 17 | 03:24 | 1.57 | 5.2 | 4.93 | 16.2 | 25 | 05:17 | 6.80 | 22.3 | 5.53 | 18.1 |
| Tue | 09:32 | 6.60 | 21.7 | 5.03 | 16.5 | Wed | 11:36 | 1.22 | 4.0 | 5.58 | 18.3 |
| | 15:57 | 1.61 | 5.3 | 5.00 | 16.4 | | 17:40 | 6.81 | 22.3 | 5.59 | 18.3 |
| | 22:03 | 6.23 | 20.4 | 4.63 | 15.2 | | | | | | |
| 18 | 04:15 | 1.81 | 6.0 | 4.42 | 14.5 | 26 | 00:00 | 1.18 | 3.9 | 5.63 | 18.5 |
| Wed | 10:27 | 6.36 | 20.9 | 4.55 | 14.9 | Thu | 06:02 | 6.96 | 22.8 | 5.78 | 19.0 |
| | 16:54 | 1.82 | 6.0 | 4.55 | 14.9 | ● | 12:21 | 1.13 | 3.7 | 5.83 | 19.1 |
| | 23:03 | 5.97 | 19.6 | 4.16 | 13.6 | | 18:24 | 6.85 | 22.5 | 5.72 | 18.8 |
| 19 | 05:16 | 2.03 | 6.7 | 3.95 | 12.9 | 27 | 00:41 | 1.16 | 3.8 | 5.69 | 18.7 |
| Thu | 11:30 | 6.16 | 20.2 | 4.13 | 13.5 | Fri | 06:45 | 7.01 | 23.0 | 5.85 | 19.2 |
| ☾ | 18:03 | 1.96 | 6.4 | 4.19 | 13.8 | | 13:03 | 1.13 | 3.7 | 5.88 | 19.3 |
| | | | | | | | 19:06 | 6.80 | 22.3 | 5.67 | 18.6 |
| 20 | 00:09 | 5.81 | 19.1 | 3.85 | 12.6 | 28 | 01:21 | 1.23 | 4.0 | 5.58 | 18.3 |
| Fri | 06:29 | 2.14 | 7.0 | 3.68 | 12.1 | Sat | 07:24 | 6.97 | 22.9 | 5.75 | 18.8 |
| | 12:39 | 6.06 | 19.9 | 3.92 | 12.9 | | 13:43 | 1.22 | 4.0 | 5.75 | 18.9 |
| | 19:17 | 1.98 | 6.5 | 4.08 | 13.4 | | 19:45 | 6.68 | 21.9 | 5.45 | 17.9 |
| 21 | 01:21 | 5.82 | 19.1 | 3.84 | 12.6 | 29 | 01:57 | 1.36 | 4.5 | 5.31 | 17.4 |
| Sat | 07:44 | 2.08 | 6.8 | 3.75 | 12.3 | Sun | 08:03 | 6.84 | 22.4 | 5.47 | 18.0 |
| | 13:51 | 6.11 | 20.0 | 4.03 | 13.2 | | 14:21 | 1.39 | 4.6 | 5.45 | 17.9 |
| | 20:27 | 1.85 | 6.1 | 4.26 | 14.0 | | 20:21 | 6.48 | 21.3 | 5.09 | 16.7 |
| 22 | 02:30 | 6.00 | 19.7 | 4.14 | 13.6 | 30 | 02:33 | 1.56 | 5.1 | 4.92 | 16.1 |
| Sun | 08:54 | 1.88 | 6.2 | 4.12 | 13.5 | Mon | 08:40 | 6.63 | 21.8 | 5.07 | 16.6 |
| | 14:58 | 6.28 | 20.6 | 4.40 | 14.4 | | 14:57 | 1.60 | 5.3 | 5.03 | 16.5 |
| | 21:30 | 1.65 | 5.4 | 4.63 | 15.2 | | 20:58 | 6.23 | 20.5 | 4.63 | 15.2 |
| 23 | 03:33 | 6.28 | 20.6 | 4.62 | 15.2 | 31 | 03:08 | 1.80 | 5.9 | 4.43 | 14.5 |
| Mon | 09:54 | 1.62 | 5.3 | 4.65 | 15.3 | Tue | 09:18 | 6.38 | 20.9 | 4.57 | 15.0 |
| | 15:58 | 6.49 | 21.3 | 4.87 | 16.0 | | 15:33 | 1.85 | 6.1 | 4.53 | 14.9 |
| | 22:26 | 1.44 | 4.7 | 5.05 | 16.6 | | 21:35 | 5.96 | 19.5 | 4.11 | 13.5 |
| 24 | 04:27 | 6.56 | 21.5 | 5.12 | 16.8 | | | | | | |
| Tue | 10:48 | 1.39 | 4.6 | 5.18 | 17.0 | | | | | | |
| | 16:52 | 6.68 | 21.9 | 5.29 | 17.4 | | | | | | |
| | 23:15 | 1.28 | 4.2 | 5.41 | 17.7 | | | | | | |

ALL TIMES GMT