

Royal West Norfolk Golf Club

Tide Times 2010

How to use the tide table

1. Look at the date and time you are hoping to play.
2. If the tide height is less than 8.2 metres, then the access road to the Club should not flood.
3. If the tide height is 8.2 metres or greater, then the road is likely to flood. Indeed, the higher the tide, the deeper the road will flood, and the longer it will remain flooded.

Please be aware that these are only predictions which can be dramatically affected by wind speed and direction.

Time Zone **GMT/BST**

Tidal Predictions : **HIGH WATERS 2010**

Units **METRES**

Datum of Predictions = **5.12 metres below Ordnance Datum (Newlyn) : 1.22 metres below Chart Datum**

Data Adjusted for British Summer Time : 28th March to 31st October

HULL
(ALBERT DOCK)
(OUTER SILL)

HULL
(ALBERT DOCK)
(OUTER SILL)

HULL
(ALBERT DOCK)
(OUTER SILL)

HULL
(ALBERT DOCK)
(OUTER SILL)

| D A T E | D A Y | Morning | | Afternoon | |
|------------------|-------------|---------|-----|-----------|-----|
| | | hr min | m | hr min | m |
| 1 | F | 06 22 | 8.5 | 18 37 | 8.7 |
| 2 | Sa | 07 10 | 8.8 | 19 21 | 8.9 |
| 3 | Su | 07 55 | 8.9 | 20 02 | 9.1 |
| 4 | M | 08 40 | 8.8 | 20 45 | 9.1 |
| 5 | Tu | 09 25 | 8.6 | 21 29 | 8.9 |
| 6 | W | 10 11 | 8.2 | 22 17 | 8.6 |
| 7 | Th | 11 03 | 7.9 | 23 10 | 8.3 |
| 8 | F | ** ** | ** | 12 04 | 7.5 |
| 9 | Sa | 00 15 | 7.9 | 13 14 | 7.4 |
| 10 | Su | 01 32 | 7.6 | 14 26 | 7.3 |
| 11 | M | 02 52 | 7.4 | 15 34 | 7.5 |
| 12 | Tu | 04 07 | 7.5 | 16 32 | 7.7 |
| 13 | W | 05 06 | 7.6 | 17 20 | 7.9 |
| 14 | Th | 05 52 | 7.7 | 18 01 | 8.1 |
| 15 | F | 06 32 | 7.8 | 18 36 | 8.2 |
| 16 | Sa | 07 07 | 7.9 | 19 07 | 8.4 |
| 17 | Su | 07 36 | 8.0 | 19 35 | 8.6 |
| 18 | M | 08 04 | 8.1 | 20 06 | 8.7 |
| 19 | Tu | 08 34 | 8.1 | 20 38 | 8.6 |
| 20 | W | 09 08 | 8.1 | 21 13 | 8.4 |
| 21 | Th | 09 41 | 7.9 | 21 50 | 8.2 |
| 22 | F | 10 18 | 7.6 | 22 29 | 7.9 |
| 23 | Sa | 10 59 | 7.3 | 23 17 | 7.6 |
| 24 | Su | 11 52 | 7.1 | ** ** | ** |
| 25 | M | 00 20 | 7.3 | 13 08 | 7.0 |
| 26 | Tu | 01 45 | 7.2 | 14 35 | 7.1 |
| 27 | W | 03 11 | 7.4 | 15 50 | 7.4 |
| 28 | Th | 04 24 | 7.8 | 16 49 | 7.9 |
| 29 | F | 05 23 | 8.2 | 17 38 | 8.4 |
| 30 | Sa | 06 12 | 8.6 | 18 22 | 8.8 |
| 31 | Su | 06 56 | 8.9 | 19 03 | 9.3 |

| D A T E | D A Y | Morning | | Afternoon | |
|------------------|-------------|---------|-----|-----------|-----|
| | | hr min | m | hr min | m |
| 1 | M | 07 38 | 9.1 | 19 43 | 9.5 |
| 2 | Tu | 08 20 | 9.0 | 20 26 | 9.5 |
| 3 | W | 09 01 | 8.8 | 21 08 | 9.3 |
| 4 | Th | 09 43 | 8.5 | 21 53 | 8.9 |
| 5 | F | 10 28 | 8.0 | 22 42 | 8.3 |
| 6 | Sa | 11 19 | 7.6 | 23 41 | 7.7 |
| 7 | Su | ** ** | ** | 12 20 | 7.2 |
| 8 | M | 00 56 | 7.2 | 13 36 | 7.0 |
| 9 | Tu | 02 30 | 6.9 | 15 02 | 7.1 |
| 10 | W | 03 56 | 7.0 | 16 11 | 7.4 |
| 11 | Th | 04 53 | 7.3 | 17 02 | 7.7 |
| 12 | F | 05 37 | 7.6 | 17 41 | 8.0 |
| 13 | Sa | 06 13 | 7.8 | 18 15 | 8.3 |
| 14 | Su | 06 44 | 8.0 | 18 44 | 8.6 |
| 15 | M | 07 11 | 8.2 | 19 12 | 8.8 |
| 16 | Tu | 07 38 | 8.4 | 19 43 | 8.8 |
| 17 | W | 08 07 | 8.4 | 20 14 | 8.8 |
| 18 | Th | 08 38 | 8.3 | 20 47 | 8.6 |
| 19 | F | 09 09 | 8.1 | 21 20 | 8.3 |
| 20 | Sa | 09 43 | 7.8 | 21 57 | 8.0 |
| 21 | Su | 10 19 | 7.5 | 22 43 | 7.7 |
| 22 | M | 11 09 | 7.2 | 23 44 | 7.3 |
| 23 | Tu | ** ** | ** | 12 20 | 6.9 |
| 24 | W | 01 15 | 7.1 | 14 04 | 6.9 |
| 25 | Th | 02 58 | 7.3 | 15 30 | 7.3 |
| 26 | F | 04 14 | 7.8 | 16 31 | 7.9 |
| 27 | Sa | 05 10 | 8.2 | 17 19 | 8.5 |
| 28 | Su | 05 55 | 8.7 | 18 01 | 9.0 |

| D A T E | D A Y | Morning | | Afternoon | |
|------------------|-------------|---------|-----|-----------|-----|
| | | hr min | m | hr min | m |
| 1 | M | 06 37 | 9.0 | 18 40 | 9.4 |
| 2 | Tu | 07 15 | 9.1 | 19 21 | 9.6 |
| 3 | W | 07 55 | 9.1 | 20 03 | 9.6 |
| 4 | Th | 08 34 | 8.9 | 20 47 | 9.3 |
| 5 | F | 09 15 | 8.5 | 21 30 | 8.7 |
| 6 | Sa | 09 56 | 8.1 | 22 18 | 8.0 |
| 7 | Su | 10 41 | 7.6 | 23 13 | 7.3 |
| 8 | M | 11 35 | 7.1 | ** ** | ** |
| 9 | Tu | 00 26 | 6.8 | 12 47 | 6.8 |
| 10 | W | 02 04 | 6.5 | 14 17 | 6.8 |
| 11 | Th | 03 36 | 6.7 | 15 40 | 7.1 |
| 12 | F | 04 31 | 7.1 | 16 32 | 7.6 |
| 13 | Sa | 05 13 | 7.5 | 17 13 | 8.0 |
| 14 | Su | 05 47 | 7.8 | 17 47 | 8.4 |
| 15 | M | 06 16 | 8.1 | 18 16 | 8.6 |
| 16 | Tu | 06 43 | 8.3 | 18 46 | 8.8 |
| 17 | W | 07 10 | 8.5 | 19 18 | 8.8 |
| 18 | Th | 07 39 | 8.5 | 19 50 | 8.7 |
| 19 | F | 08 10 | 8.4 | 20 23 | 8.5 |
| 20 | Sa | 08 41 | 8.2 | 20 58 | 8.3 |
| 21 | Su | 09 13 | 7.9 | 21 36 | 8.0 |
| 22 | M | 09 51 | 7.6 | 22 25 | 7.6 |
| 23 | Tu | 10 43 | 7.3 | 23 30 | 7.3 |
| 24 | W | 11 55 | 7.0 | ** ** | ** |
| 25 | Th | 01 04 | 7.1 | 13 38 | 7.0 |
| 26 | F | 02 45 | 7.4 | 15 05 | 7.4 |
| 27 | Sa | 03 57 | 7.8 | 16 05 | 8.0 |
| 28 | Su | 05 50 | 8.3 | 17 55 | 8.5 |
| 29 | M | 06 34 | 8.6 | 18 37 | 9.0 |
| 30 | Tu | 07 13 | 8.9 | 19 18 | 9.3 |
| 31 | W | 07 51 | 9.0 | 20 00 | 9.4 |

| D A T E | D A Y | Morning | | Afternoon | |
|------------------|-------------|---------|-----|-----------|-----|
| | | hr min | m | hr min | m |
| 1 | Th | 08 29 | 9.0 | 20 43 | 9.3 |
| 2 | F | 09 09 | 8.8 | 21 27 | 8.9 |
| 3 | Sa | 09 48 | 8.4 | 22 12 | 8.3 |
| 4 | Su | 10 27 | 8.0 | 23 00 | 7.7 |
| 5 | M | 11 10 | 7.6 | 23 52 | 7.1 |
| 6 | Tu | 11 57 | 7.2 | ** ** | ** |
| 7 | W | 00 55 | 6.6 | 13 02 | 6.9 |
| 8 | Th | 02 18 | 6.4 | 14 19 | 6.7 |
| 9 | F | 03 56 | 6.5 | 15 48 | 7.0 |
| 10 | Sa | 04 56 | 6.9 | 16 51 | 7.4 |
| 11 | Su | 05 38 | 7.4 | 17 35 | 7.8 |
| 12 | M | 06 11 | 7.8 | 18 11 | 8.2 |
| 13 | Tu | 06 41 | 8.1 | 18 45 | 8.5 |
| 14 | W | 07 11 | 8.3 | 19 18 | 8.6 |
| 15 | Th | 07 40 | 8.4 | 19 53 | 8.6 |
| 16 | F | 08 12 | 8.4 | 20 28 | 8.5 |
| 17 | Sa | 08 45 | 8.3 | 21 04 | 8.4 |
| 18 | Su | 09 19 | 8.1 | 21 44 | 8.2 |
| 19 | M | 09 56 | 7.9 | 22 27 | 7.9 |
| 20 | Tu | 10 39 | 7.7 | 23 19 | 7.6 |
| 21 | W | 11 34 | 7.4 | ** ** | ** |
| 22 | Th | 00 26 | 7.4 | 12 42 | 7.2 |
| 23 | F | 01 56 | 7.3 | 14 11 | 7.2 |
| 24 | Sa | 03 24 | 7.5 | 15 33 | 7.6 |
| 25 | Su | 04 32 | 7.9 | 16 36 | 8.0 |
| 26 | M | 05 25 | 8.2 | 17 28 | 8.4 |
| 27 | Tu | 06 09 | 8.5 | 18 14 | 8.7 |
| 28 | W | 06 49 | 8.6 | 18 58 | 8.9 |
| 29 | Th | 07 27 | 8.7 | 19 43 | 8.9 |
| 30 | F | 08 07 | 8.7 | 20 28 | 8.7 |

Time Zone **GMT/BST**

Tidal Predictions : **HIGH WATERS 2010**

Units **METRES**

Datum of Predictions = **5.12 metres below Ordnance Datum (Newlyn) : 1.22 metres below Chart Datum**

Data Adjusted for British Summer Time : 28th March to 31st October

HULL
(ALBERT DOCK)
(OUTER SILL)

HULL
(ALBERT DOCK)
(OUTER SILL)

HULL
(ALBERT DOCK)
(OUTER SILL)

HULL
(ALBERT DOCK)
(OUTER SILL)

| May | | | | | June | | | | | July | | | | | August | | | | | | | | | | | | | | | | |
|------------------|-------------|---------|-----|-----------|------|------------------|-------------|---------|----|-----------|-----|------------------|-------------|---------|--------|-----------|----|------------------|-------------|---------|-----|-----------|-----|-----|----|----|-----|-----|----|----|-----|
| D A T E | D A Y | Morning | | Afternoon | | D A T E | D A Y | Morning | | Afternoon | | D A T E | D A Y | Morning | | Afternoon | | D A T E | D A Y | Morning | | Afternoon | | | | | | | | | |
| | | hr | min | m | hr | | | min | m | hr | min | | | m | hr | min | m | | | hr | min | m | hr | min | m | hr | min | m | | | |
| 1 | Sa | 08 | 46 | 8.5 | 21 | 13 | 8.3 | 1 | Tu | 09 | 42 | 8.1 | 22 | 22 | 7.5 | 1 | Th | 09 | 55 | 8.3 | 22 | 29 | 7.7 | 1 | Su | 10 | 39 | 8.1 | 23 | 05 | 7.6 |
| 2 | Su | 09 | 26 | 8.3 | 21 | 58 | 7.9 | 2 | W | 10 | 19 | 7.9 | 23 | 00 | 7.3 | 2 | F | 10 | 32 | 8.1 | 23 | 05 | 7.6 | 2 | M | 11 | 17 | 7.7 | 23 | 43 | 7.3 |
| 3 | M | 10 | 04 | 8.0 | 22 | 43 | 7.5 | 3 | Th | 10 | 58 | 7.7 | 23 | 42 | 7.1 | 3 | Sa | 11 | 11 | 7.9 | 23 | 46 | 7.3 | 3 | Tu | ** | ** | ** | 12 | 00 | 7.4 |
| 4 | Tu | 10 | 43 | 7.7 | 23 | 28 | 7.1 | 4 | F | 11 | 45 | 7.5 | ** | ** | ** | 4 | Su | 11 | 56 | 7.6 | ** | ** | ** | 4 | W | 00 | 31 | 7.1 | 12 | 59 | 7.1 |
| 5 | W | 11 | 26 | 7.4 | ** | ** | ** | 5 | Sa | 00 | 31 | 6.9 | 12 | 41 | 7.3 | 5 | M | 00 | 33 | 7.1 | 12 | 49 | 7.3 | 5 | Th | 01 | 41 | 6.9 | 14 | 25 | 7.0 |
| 6 | Th | 00 | 20 | 6.7 | 12 | 21 | 7.1 | 6 | Su | 01 | 30 | 6.8 | 13 | 46 | 7.1 | 6 | Tu | 01 | 32 | 7.0 | 13 | 57 | 7.1 | 6 | F | 03 | 11 | 7.0 | 15 | 51 | 7.1 |
| 7 | F | 01 | 23 | 6.5 | 13 | 29 | 6.9 | 7 | M | 02 | 36 | 6.9 | 14 | 53 | 7.2 | 7 | W | 02 | 42 | 7.0 | 15 | 09 | 7.2 | 7 | Sa | 04 | 26 | 7.3 | 17 | 03 | 7.5 |
| 8 | Sa | 02 | 38 | 6.5 | 14 | 42 | 7.0 | 8 | Tu | 03 | 38 | 7.1 | 15 | 54 | 7.4 | 8 | Th | 03 | 49 | 7.2 | 16 | 16 | 7.3 | 8 | Su | 05 | 26 | 7.7 | 18 | 02 | 7.9 |
| 9 | Su | 03 | 54 | 6.8 | 15 | 49 | 7.3 | 9 | W | 04 | 33 | 7.4 | 16 | 50 | 7.6 | 9 | F | 04 | 50 | 7.4 | 17 | 18 | 7.6 | 9 | M | 06 | 16 | 8.1 | 18 | 51 | 8.4 |
| 10 | M | 04 | 47 | 7.2 | 16 | 46 | 7.6 | 10 | Th | 05 | 22 | 7.7 | 17 | 41 | 7.8 | 10 | Sa | 05 | 45 | 7.7 | 18 | 14 | 7.9 | 10 | Tu | 06 | 59 | 8.6 | 19 | 34 | 8.7 |
| 11 | Tu | 05 | 26 | 7.6 | 17 | 31 | 7.9 | 11 | F | 06 | 09 | 7.9 | 18 | 28 | 8.0 | 11 | Su | 06 | 34 | 8.0 | 19 | 05 | 8.2 | 11 | W | 07 | 40 | 9.0 | 20 | 17 | 9.0 |
| 12 | W | 06 | 02 | 7.9 | 18 | 11 | 8.2 | 12 | Sa | 06 | 51 | 8.1 | 19 | 16 | 8.2 | 12 | M | 07 | 19 | 8.4 | 19 | 51 | 8.5 | 12 | Th | 08 | 21 | 9.3 | 20 | 57 | 9.1 |
| 13 | Th | 06 | 37 | 8.1 | 18 | 51 | 8.3 | 13 | Su | 07 | 34 | 8.2 | 20 | 01 | 8.4 | 13 | Tu | 08 | 01 | 8.7 | 20 | 35 | 8.7 | 13 | F | 09 | 03 | 9.4 | 21 | 38 | 9.0 |
| 14 | F | 07 | 13 | 8.3 | 19 | 32 | 8.4 | 14 | M | 08 | 15 | 8.4 | 20 | 46 | 8.5 | 14 | W | 08 | 42 | 8.9 | 21 | 19 | 8.8 | 14 | Sa | 09 | 45 | 9.3 | 22 | 22 | 8.7 |
| 15 | Sa | 07 | 50 | 8.3 | 20 | 12 | 8.4 | 15 | Tu | 08 | 57 | 8.5 | 21 | 33 | 8.5 | 15 | Th | 09 | 24 | 9.0 | 22 | 02 | 8.7 | 15 | Su | 10 | 30 | 8.9 | 23 | 07 | 8.2 |
| 16 | Su | 08 | 28 | 8.3 | 20 | 53 | 8.3 | 16 | W | 09 | 40 | 8.5 | 22 | 18 | 8.4 | 16 | F | 10 | 08 | 9.0 | 22 | 47 | 8.5 | 16 | M | 11 | 21 | 8.4 | 23 | 56 | 7.8 |
| 17 | M | 09 | 07 | 8.2 | 21 | 38 | 8.2 | 17 | Th | 10 | 25 | 8.4 | 23 | 07 | 8.2 | 17 | Sa | 10 | 53 | 8.7 | 23 | 35 | 8.1 | 17 | Tu | ** | ** | ** | 12 | 19 | 7.8 |
| 18 | Tu | 09 | 48 | 8.1 | 22 | 25 | 8.0 | 18 | F | 11 | 12 | 8.3 | ** | ** | ** | 18 | Su | 11 | 43 | 8.4 | ** | ** | ** | 17 | W | 00 | 58 | 7.4 | 13 | 36 | 7.2 |
| 19 | W | 10 | 34 | 7.9 | 23 | 17 | 7.8 | 19 | Sa | 00 | 02 | 7.9 | 12 | 07 | 8.1 | 19 | M | 00 | 31 | 7.8 | 12 | 44 | 8.0 | 18 | Th | 02 | 12 | 7.2 | 15 | 09 | 7.0 |
| 20 | Th | 11 | 26 | 7.8 | ** | ** | ** | 20 | Su | 01 | 05 | 7.7 | 13 | 12 | 7.9 | 20 | Tu | 01 | 37 | 7.5 | 13 | 58 | 7.6 | 20 | F | 03 | 37 | 7.2 | 16 | 36 | 7.1 |
| 21 | F | 00 | 19 | 7.6 | 12 | 27 | 7.6 | 21 | M | 02 | 17 | 7.6 | 14 | 26 | 7.8 | 21 | W | 02 | 49 | 7.4 | 15 | 20 | 7.4 | 21 | Sa | 04 | 50 | 7.4 | 17 | 38 | 7.3 |
| 22 | Sa | 01 | 36 | 7.5 | 13 | 41 | 7.6 | 22 | Tu | 03 | 24 | 7.6 | 15 | 40 | 7.8 | 22 | Th | 04 | 01 | 7.5 | 16 | 41 | 7.4 | 22 | Su | 05 | 43 | 7.8 | 18 | 24 | 7.6 |
| 23 | Su | 02 | 53 | 7.6 | 14 | 59 | 7.8 | 23 | W | 04 | 27 | 7.8 | 16 | 49 | 7.9 | 23 | F | 05 | 07 | 7.6 | 17 | 46 | 7.5 | 23 | M | 06 | 24 | 8.1 | 19 | 01 | 7.8 |
| 24 | M | 03 | 59 | 7.8 | 16 | 06 | 8.0 | 24 | Th | 05 | 24 | 7.9 | 17 | 50 | 7.9 | 24 | Sa | 06 | 00 | 7.8 | 18 | 38 | 7.7 | 24 | Tu | 07 | 01 | 8.3 | 19 | 33 | 8.0 |
| 25 | Tu | 04 | 56 | 8.0 | 17 | 04 | 8.2 | 25 | F | 06 | 14 | 8.0 | 18 | 44 | 7.9 | 25 | Su | 06 | 45 | 8.0 | 19 | 20 | 7.8 | 25 | W | 07 | 32 | 8.5 | 20 | 03 | 8.2 |
| 26 | W | 05 | 45 | 8.2 | 17 | 57 | 8.4 | 26 | Sa | 06 | 58 | 8.1 | 19 | 30 | 7.9 | 26 | M | 07 | 22 | 8.2 | 19 | 57 | 7.9 | 26 | Th | 08 | 01 | 8.7 | 20 | 29 | 8.3 |
| 27 | Th | 06 | 30 | 8.3 | 18 | 47 | 8.4 | 27 | Su | 07 | 39 | 8.2 | 20 | 12 | 7.9 | 27 | Tu | 07 | 56 | 8.3 | 20 | 29 | 8.0 | 27 | F | 08 | 31 | 8.7 | 20 | 56 | 8.3 |
| 28 | F | 07 | 11 | 8.3 | 19 | 34 | 8.3 | 28 | M | 08 | 15 | 8.2 | 20 | 49 | 7.8 | 28 | W | 08 | 26 | 8.5 | 20 | 57 | 8.1 | 28 | Sa | 09 | 02 | 8.7 | 21 | 26 | 8.3 |
| 29 | Sa | 07 | 51 | 8.3 | 20 | 19 | 8.1 | 29 | Tu | 08 | 49 | 8.2 | 21 | 24 | 7.8 | 29 | Th | 08 | 57 | 8.6 | 21 | 27 | 8.1 | 29 | Su | 09 | 34 | 8.4 | 21 | 56 | 8.1 |
| 30 | Su | 08 | 29 | 8.3 | 21 | 03 | 7.9 | 30 | W | 09 | 21 | 8.3 | 21 | 56 | 7.8 | 30 | F | 09 | 28 | 8.5 | 21 | 58 | 8.1 | 30 | M | 10 | 08 | 8.1 | 22 | 27 | 7.8 |
| 31 | M | 09 | 07 | 8.2 | 21 | 44 | 7.7 | 31 | Sa | 10 | 02 | 8.4 | 22 | 30 | 7.9 | 31 | Sa | 10 | 02 | 8.4 | 22 | 30 | 7.9 | 31 | Tu | 10 | 41 | 7.8 | 23 | 03 | 7.5 |

Time Zone **GMT/BST**

Tidal Predictions : **HIGH WATERS 2010**

Units **METRES**

Datum of Predictions = **5.12 metres below Ordnance Datum (Newlyn) : 1.22 metres below Chart Datum**

Data Adjusted for British Summer Time : 28th March to 31st October

HULL
(ALBERT DOCK)
(OUTER SILL)

HULL
(ALBERT DOCK)
(OUTER SILL)

HULL
(ALBERT DOCK)
(OUTER SILL)

HULL
(ALBERT DOCK)
(OUTER SILL)

| D A T E | September | | | |
|------------------|-----------|-----|-----------|-----------|
| | Morning | | Afternoon | |
| | hr | min | hr | min |
| 1 W | 11 | 24 | 7.4 | 23 46 7.2 |
| 2 Th | ** | ** | ** | 12 21 7.1 |
| 3 F | 00 | 51 | 6.9 | 13 47 6.9 |
| 4 Sa | 02 | 35 | 6.9 | 15 33 7.1 |
| 5 Su | 04 | 01 | 7.2 | 16 49 7.6 |
| 6 M | 05 | 04 | 7.7 | 17 45 8.1 |
| 7 Tu | 05 | 53 | 8.3 | 18 33 8.5 |
| 8 W | 06 | 37 | 8.8 | 19 13 8.9 |
| 9 Th | 07 | 16 | 9.3 | 19 53 9.1 |
| 10 F | 07 | 57 | 9.5 | 20 32 9.2 |
| 11 Sa | 08 | 39 | 9.6 | 21 11 9.0 |
| 12 Su | 09 | 24 | 9.3 | 21 54 8.7 |
| 13 M | 10 | 11 | 8.8 | 22 37 8.3 |
| 14 Tu | 11 | 00 | 8.1 | 23 25 7.8 |
| 15 W | 11 | 59 | 7.4 | ** ** * |
| 16 Th | 00 | 21 | 7.3 | 13 13 6.9 |
| 17 F | 01 | 32 | 7.0 | 14 53 6.6 |
| 18 Sa | 03 | 00 | 7.0 | 16 20 6.8 |
| 19 Su | 04 | 23 | 7.2 | 17 17 7.2 |
| 20 M | 05 | 17 | 7.6 | 17 59 7.5 |
| 21 Tu | 05 | 57 | 8.0 | 18 34 7.9 |
| 22 W | 06 | 33 | 8.4 | 19 05 8.1 |
| 23 Th | 07 | 04 | 8.6 | 19 32 8.3 |
| 24 F | 07 | 33 | 8.7 | 19 57 8.4 |
| 25 Sa | 08 | 04 | 8.7 | 20 25 8.4 |
| 26 Su | 08 | 35 | 8.6 | 20 55 8.3 |
| 27 M | 09 | 07 | 8.4 | 21 26 8.1 |
| 28 Tu | 09 | 41 | 8.1 | 21 55 7.9 |
| 29 W | 10 | 18 | 7.8 | 22 30 7.6 |
| 30 Th | 11 | 03 | 7.5 | 23 17 7.3 |

| D A T E | October | | | |
|------------------|---------|-----|-----------|-----------|
| | Morning | | Afternoon | |
| | hr | min | hr | min |
| 1 F | ** | ** | ** | 12 00 7.2 |
| 2 Sa | 00 | 21 | 7.0 | 13 26 7.0 |
| 3 Su | 01 | 57 | 6.9 | 15 13 7.2 |
| 4 M | 03 | 30 | 7.3 | 16 26 7.7 |
| 5 Tu | 04 | 34 | 7.8 | 17 22 8.2 |
| 6 W | 05 | 26 | 8.4 | 18 09 8.6 |
| 7 Th | 06 | 11 | 8.9 | 18 49 8.9 |
| 8 F | 06 | 54 | 9.2 | 19 27 9.0 |
| 9 Sa | 07 | 36 | 9.4 | 20 07 9.1 |
| 10 Su | 08 | 21 | 9.3 | 20 48 8.9 |
| 11 M | 09 | 06 | 9.0 | 21 28 8.6 |
| 12 Tu | 09 | 54 | 8.5 | 22 12 8.2 |
| 13 W | 10 | 44 | 7.8 | 22 56 7.8 |
| 14 Th | 11 | 38 | 7.2 | 23 46 7.4 |
| 15 F | ** | ** | ** | 12 44 6.7 |
| 16 Sa | 00 | 48 | 7.0 | 14 10 6.5 |
| 17 Su | 02 | 04 | 6.9 | 15 44 6.6 |
| 18 M | 03 | 34 | 7.1 | 16 43 7.0 |
| 19 Tu | 04 | 37 | 7.4 | 17 25 7.4 |
| 20 W | 05 | 22 | 7.8 | 18 00 7.8 |
| 21 Th | 05 | 59 | 8.2 | 18 30 8.1 |
| 22 F | 06 | 33 | 8.4 | 18 58 8.3 |
| 23 Sa | 07 | 05 | 8.6 | 19 26 8.4 |
| 24 Su | 07 | 39 | 8.6 | 19 57 8.4 |
| 25 M | 08 | 12 | 8.5 | 20 29 8.3 |
| 26 Tu | 08 | 48 | 8.3 | 21 02 8.2 |
| 27 W | 09 | 24 | 8.1 | 21 35 8.0 |
| 28 Th | 10 | 05 | 7.9 | 22 15 7.8 |
| 29 F | 10 | 53 | 7.6 | 23 03 7.5 |
| 30 Sa | 11 | 50 | 7.4 | ** ** * |
| 31 Su | 00 | 04 | 7.3 | 12 08 7.2 |

| D A T E | November | | | |
|------------------|----------|-----|-----------|-----------|
| | Morning | | Afternoon | |
| | hr | min | hr | min |
| 1 M | 00 | 25 | 7.2 | 13 42 7.4 |
| 2 Tu | 01 | 53 | 7.5 | 14 55 7.7 |
| 3 W | 03 | 01 | 7.9 | 15 54 8.1 |
| 4 Th | 03 | 58 | 8.4 | 16 42 8.5 |
| 5 F | 04 | 49 | 8.7 | 17 26 8.7 |
| 6 Sa | 05 | 35 | 9.0 | 18 06 8.8 |
| 7 Su | 06 | 22 | 9.0 | 18 47 8.8 |
| 8 M | 07 | 08 | 8.9 | 19 28 8.7 |
| 9 Tu | 07 | 55 | 8.5 | 20 09 8.5 |
| 10 W | 08 | 41 | 8.1 | 20 49 8.2 |
| 11 Th | 09 | 27 | 7.7 | 21 30 8.0 |
| 12 F | 10 | 14 | 7.3 | 22 12 7.6 |
| 13 Sa | 11 | 03 | 6.9 | 23 03 7.3 |
| 14 Su | ** | ** | ** | 12 02 6.6 |
| 15 M | 00 | 05 | 7.1 | 13 19 6.6 |
| 16 Tu | 01 | 18 | 7.1 | 14 42 6.8 |
| 17 W | 02 | 34 | 7.2 | 15 37 7.1 |
| 18 Th | 03 | 33 | 7.6 | 16 17 7.5 |
| 19 F | 04 | 19 | 7.9 | 16 52 7.9 |
| 20 Sa | 05 | 00 | 8.1 | 17 26 8.1 |
| 21 Su | 05 | 38 | 8.3 | 17 59 8.3 |
| 22 M | 06 | 16 | 8.4 | 18 34 8.3 |
| 23 Tu | 06 | 54 | 8.4 | 19 10 8.4 |
| 24 W | 07 | 35 | 8.3 | 19 46 8.3 |
| 25 Th | 08 | 16 | 8.3 | 20 26 8.2 |
| 26 F | 08 | 59 | 8.1 | 21 06 8.1 |
| 27 Sa | 09 | 47 | 8.0 | 21 54 8.0 |
| 28 Su | 10 | 39 | 7.7 | 22 48 7.8 |
| 29 M | 11 | 44 | 7.5 | 23 54 7.7 |
| 30 Tu | ** | ** | ** | 13 04 7.5 |

| D A T E | December | | | |
|------------------|----------|-----|-----------|-----------|
| | Morning | | Afternoon | |
| | hr | min | hr | min |
| 1 W | 01 | 12 | 7.7 | 14 19 7.7 |
| 2 Th | 02 | 27 | 7.9 | 15 22 7.9 |
| 3 F | 03 | 32 | 8.2 | 16 18 8.2 |
| 4 Sa | 04 | 32 | 8.4 | 17 06 8.4 |
| 5 Su | 05 | 26 | 8.5 | 17 51 8.5 |
| 6 M | 06 | 15 | 8.5 | 18 33 8.5 |
| 7 Tu | 07 | 01 | 8.4 | 19 12 8.5 |
| 8 W | 07 | 46 | 8.2 | 19 52 8.5 |
| 9 Th | 08 | 27 | 8.0 | 20 28 8.4 |
| 10 F | 09 | 06 | 7.8 | 21 05 8.3 |
| 11 Sa | 09 | 43 | 7.5 | 21 41 8.1 |
| 12 Su | 10 | 22 | 7.3 | 22 24 7.8 |
| 13 M | 11 | 06 | 7.1 | 23 13 7.5 |
| 14 Tu | 11 | 59 | 6.9 | ** ** * |
| 15 W | 00 | 15 | 7.3 | 13 07 6.8 |
| 16 Th | 01 | 26 | 7.2 | 14 17 6.9 |
| 17 F | 02 | 34 | 7.3 | 15 19 7.2 |
| 18 Sa | 03 | 36 | 7.5 | 16 10 7.6 |
| 19 Su | 04 | 28 | 7.8 | 16 55 7.9 |
| 20 M | 05 | 14 | 8.0 | 17 37 8.1 |
| 21 Tu | 05 | 59 | 8.2 | 18 16 8.3 |
| 22 W | 06 | 41 | 8.4 | 18 56 8.5 |
| 23 Th | 07 | 25 | 8.5 | 19 35 8.6 |
| 24 F | 08 | 07 | 8.6 | 20 16 8.7 |
| 25 Sa | 08 | 49 | 8.5 | 20 56 8.7 |
| 26 Su | 09 | 34 | 8.4 | 21 40 8.6 |
| 27 M | 10 | 22 | 8.1 | 22 29 8.4 |
| 28 Tu | 11 | 17 | 7.8 | 23 27 8.1 |
| 29 W | ** | ** | ** | 12 23 7.6 |
| 30 Th | 00 | 36 | 7.9 | 13 39 7.5 |
| 31 F | 01 | 56 | 7.8 | 14 51 7.7 |