

# Zeiten des Hoch- und Niedrigwassers in Cuxhaven 1930

Die folgenden Tafeln enthalten die Angaben der mitteleuropäischen Zeiten des Hoch- und Niedrigwassers in Cuxhaven für jeden Tag im Jahre 1930. Die Zeit des Hochwassers (Flut) ist der Augenblick, wo das Wasser seinen höchsten Stand erreicht hat und wieder zu fallen beginnt; die Zeit des Niedrigwassers (Ebbe) ist der Augenblick, wo das Wasser seinen tiefsten Stand erreicht hat und wieder zu steigen beginnt.

| Datum | Januar         |                 |                |                 | Februar        |                 |                |                 | März           |                 |                |                 | April          |                 |                |                 | Mai            |                 |                |                 | Juni           |                 |                |                 |       |
|-------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|-------|
|       | Hochwasser     |                 | Niedrigwasser  |                 | Hochwasser     |                 | Niedrigwasser  |                 | Hochwasser     |                 | Niedrigwasser  |                 | Hochwasser     |                 | Niedrigwasser  |                 | Hochwasser     |                 | Niedrigwasser  |                 | Hochwasser     |                 | Niedrigwasser  |                 |       |
|       | Vor-<br>Mittag | Nach-<br>Mittag | Vor-<br>Mittag | Nach-<br>Mittag | Vor-<br>Mittag | Nach-<br>Mittag | Vor-<br>Mittag | Nach-<br>Mittag | Vor-<br>Mittag | Nach-<br>Mittag | Vor-<br>Mittag | Nach-<br>Mittag | Vor-<br>Mittag | Nach-<br>Mittag | Vor-<br>Mittag | Nach-<br>Mittag | Vor-<br>Mittag | Nach-<br>Mittag | Vor-<br>Mittag | Nach-<br>Mittag | Vor-<br>Mittag | Nach-<br>Mittag | Vor-<br>Mittag | Nach-<br>Mittag |       |
| 1     | 157            | 14 17           | 8 51           | 21 8            | 2 48           | 15 16           | 9 50           | 21 51           | 1 50           | 14 21           | 8 55           | 20 57           | 2 25           | 14 55           | 9 30           | 21 32           | 2 31           | 15 2            | 9 36           | 21 46           | 3 48           | 16 11           | 10 48          | 23 9            |       |
| 2     | 233            | 14 55           | 9 29           | 21 89           | 3 17           | 15 46           | 10 20          | 22 21           | 2 23           | 14 52           | 9 27           | 21 26           | 2 58           | 15 28           | 10 2           | 22 5            | 3 12           | 15 41           | 10 15          | 22 29           | 4 38           | 16 57           | 11 25          | 23 54           |       |
| 3     | 3 5            | 15 23           | 10 3           | 22 7            | 3 47           | 16 16           | 10 49          | 22 49           | 2 52           | 15 21           | 9 55           | 21 57           | 3 81           | 16 1            | 10 85          | 22 42           | 3 56           | 16 22           | 10 54          | 23 14           | 5 29           | 17 45           | —              | 12 8            |       |
| 4     | 8 38           | 16 1            | 10 34          | 22 37           | 4 17           | 16 47           | 11 18          | 23 21           | 3 23           | 15 53           | 10 27          | 22 28           | 4 9            | 16 89           | 11 11          | 23 22           | 4 43           | 17 7            | 11 34          | 23 55           | 6 24           | 18 42           | 0 44           | 12 59           |       |
| 5     | 4 5            | 16 34           | 11 5           | 23 7            | 4 51           | 17 25           | 11 53          | 23 57           | 3 55           | 16 27           | 11 9           | 23 3            | 4 52           | 17 22           | 11 49          | —               | 5 31           | 17 56           | —              | 12 18           | 7 32           | 19 58           | 1 45           | 14 9            |       |
| 6     | 4 38           | 17 11           | 11 38          | 23 41           | 5 32           | 18 7            | —              | 12 31           | 4 31           | 17 3            | 11 34          | 23 39           | 5 41           | 18 6            | 0 5            | 12 28           | 6 32           | 19 3            | 0 51           | 13 19           | 8 51           | 21 16           | 3 2            | 15 32           |       |
| 7     | 5 16           | 17 49           | —              | —               | —              | —               | —              | —               | —              | —               | —              | —               | —              | —               | —              | —               | —              | —               | —              | —               | —              | —               | —              | —               |       |
| 8     | 5 57           | 18 36           | 0 19           | 12 56           | 7 9            | 19 51           | 1 27           | 14 6            | 5 53           | 18 26           | 0 17           | 12 48           | 7 56           | 20 38           | 2 7            | 14 49           | 9 21           | 21 50           | 3 36           | 16 7            | 11 7           | 23 19           | 5 27           | 17 42           |       |
| 9     | 6 48           | 19 32           | 1 6            | 18 47           | 8 18           | 21 6            | 2 29           | 15 17           | 6 46           | 19 21           | 1 5            | 13 38           | 9 30           | 22 6            | 3 46           | 16 24           | 10 38          | 22 56           | 4 57           | 17 16           | 11 57          | —               | 6 23           | 18 35           |       |
| 10    | 7 51           | 20 41           | 2 2            | 14 52           | 9 44           | 22 30           | 4 0            | 16 48           | 8 0            | 20 46           | 2 12           | 14 57           | 10 56          | 23 16           | 5 15           | 17 39           | 11 36          | 23 47           | 6 0            | 18 14           | 0 7            | 12 42           | 7 11           | 19 23           |       |
| 11    | 9 4            | 21 53           | 3 16           | 16 9            | 11 8           | 23 44           | 5 27           | 18 7            | 9 31           | 22 15           | 3 46           | 16 33           | 11 58          | —               | 6 25           | 18 41           | —              | 12 26           | 6 55           | 19 6            | 0 52           | 18 25           | 7 57           | 20 10           |       |
| 12    | 10 19          | 23 1            | 4 37           | 17 20           | —              | 12 19           | 6 47           | 19 19           | 10 59          | 22 31           | 5 18           | 17 54           | 0 12           | 12 51           | 7 21           | 19 30           | 0 36           | 18 10           | 7 41           | 19 47           | 1 37           | 14 2            | 8 36           | 20 52           |       |
| 13    | 11 23          | —               | 5 45           | 18 27           | 0 49           | 13 21           | 7 52           | 20 14           | —              | 12 13           | 6 40           | 19 2            | 0 59           | 13 34           | 8 7            | 20 14           | 1 15           | 18 48           | 8 22           | 20 28           | 2 18           | 14 38           | 9 13           | 21 29           |       |
| 14    | 0 1            | 12 28           | 6 57           | 19 32           | 1 41           | 14 15           | 8 49           | 21 2            | 0 33           | 13 11           | 7 42           | 19 55           | 1 40           | 14 14           | 8 48           | 20 55           | 1 54           | 14 25           | 9 0            | 21 8            | 2 55           | 15 11           | 9 45           | 22 5            |       |
| 15    | 1 1            | 13 29           | 8 1            | 20 28           | 2 27           | 15 0            | 9 35           | 21 42           | 1 23           | 13 58           | 8 32           | 20 29           | 2 20           | 14 58           | 9 28           | 21 31           | 2 33           | 15 0            | 9 34           | 21 45           | 3 31           | 15 42           | 10 15          | 22 40           |       |
| 16    | 1 54           | 14 22           | 8 56           | 21 18           | 3 8            | 15 43           | 10 17          | 22 24           | 2 5            | 14 39           | 9 14           | 21 20           | 2 57           | 15 28           | 10 2           | 22 7            | 3 11           | 15 34           | 10 2           | 22 21           | 4 8            | 16 16           | 10 47          | 23 15           |       |
| 17    | 2 48           | 15 13           | 9 4            | 22 1            | 3 50           | 16 24           | 10 57          | 23 2            | 2 45           | 15 19           | 9 53           | 21 58           | 3 33           | 16 2            | 10 35          | 22 42           | 3 48           | 16 5            | 10 37          | 22 58           | 4 46           | 16 53           | 11 20          | 23 49           |       |
| 18    | 3 27           | 16 0            | 10 34          | 22 45           | 4 30           | 17 4            | 11 35          | 23 39           | 3 24           | 15 57           | 10 31          | 22 5            | 4 10           | 16 37           | 11 8           | 23 18           | 4 22           | 16 40           | 11 8           | 23 32           | 5 25           | 17 32           | 11 55          | —               |       |
| 19    | 4 12           | 16 45           | 11 16          | 23 23           | 5 10           | 17 44           | —              | 12 11           | 4 2            | 16 35           | 11 7           | 23 10           | 4 49           | 17 10           | 11 36          | 23 51           | 5 8            | 17 22           | 11 46          | —               | 6 8            | 18 16           | 0 29           | 12 35           |       |
| 20    | 4 53           | 17 28           | 11 55          | —               | 5 50           | 18 25           | 0 14           | 12 48           | 4 39           | 17 10           | 11 39          | 23 46           | 5 27           | 17 49           | —              | —               | 12 11          | 6 55            | 18 10          | 0 17            | 12 29          | 6 58            | 19 13          | 1 15            | 13 27 |
| 21    | 5 35           | 18 11           | 0 0            | 13 34           | 6 35           | 19 9            | 0 55           | 13 27           | 5 19           | 17 49           | —              | 12 13           | 6 19           | 18 48           | 0 38           | 13 5            | 6 50           | 19 9            | 1 7            | 13 22           | 8 0            | 20 19           | 2 11           | 14 30           |       |
| 22    | 6 20           | 18 59           | 0 41           | 13 18           | 7 25           | 20 10           | 1 40           | 14 21           | 6 0            | 18 28           | 0 23           | 12 48           | 7 31           | 20 2            | 1 43           | 14 13           | 7 58           | 20 19           | 2 9            | 14 30           | 9 6            | 21 25           | 3 18           | 15 41           |       |
| 23    | 7 13           | 19 58           | 1 30           | 14 11           | 8 43           | 21 25           | 2 54           | 15 39           | 6 52           | 19 26           | 1 10           | 14 30           | 8 51           | 21 17           | 3 3            | 15 33           | 9 7            | 21 27           | 3 21           | 15 44           | 10 14          | 22 33           | 4 31           | 16 51           |       |
| 24    | 8 18           | 21 8            | 2 29           | 15 14           | 10 5           | 22 42           | 4 22           | 17 0            | 8 0            | 20 44           | 2 17           | 14 55           | 10 7           | 22 26           | 4 24           | 16 45           | 10 14          | 22 32           | 4 32           | 16 51           | 11 13          | 23 27           | 5 33           | 17 50           |       |
| 25    | 9 28           | 22 15           | 3 48           | 16 32           | 11 17          | 23 45           | 5 37           | 18 8            | 9 30           | 22 2            | 3 46           | 16 19           | 11 9           | 23 22           | 5 29           | 17 46           | 11 12          | 23 22           | 5 32           | 17 45           | —              | 12 4            | 13 52          | 7 22            | 19 44 |
| 26    | 10 41          | 23 18           | 4 59           | 17 38           | —              | 12 19           | 6 46           | 19 8            | 10 49          | 23 11           | 5 8            | 17 31           | —              | 12 9            | 6 38           | 18 37           | 11 57          | —               | 6 23           | 18 32           | 0 20           | 12 53           | 7 22           | 19 44           |       |
| 27    | 11 45          | —               | 6 8            | 18 40           | 0 34           | 18 9            | 7 59           | 19 47           | 11 49          | —               | 6 13           | 18 29           | 0 9            | 12 42           | 7 11           | 19 17           | 0 4            | 12 38           | 7 7            | 19 12           | 1 12           | 13 40           | 8 18           | 20 38           |       |
| 28    | 0 13           | 12 40           | 7 9            | 19 31           | 1 16           | 18 45           | 8 19           | 20 24           | 0 2            | 12 38           | 7 7            | 19 15           | 0 47           | 13 18           | 7 50           | 19 54           | 0 47           | 13 20           | 7 52           | 20 3            | 2 4            | 14 29           | 9 4            | 21 29           |       |
| 29    | 1 1            | 13 25           | 7 56           | 20 11           | —              | —               | —              | —               | 0 45           | 13 18           | 7 49           | 19 53           | 1 21           | 13 51           | 8 25           | 20 27           | 1 30           | 14 0            | 8 34           | 20 48           | 2 55           | 15 16           | 9 50           | 22 19           |       |
| 30    | 1 38           | 14 6            | 8 40           | 20 49           | —              | —               | —              | —               | 1 21           | 13 51           | 8 24           | 20 27           | 1 53           | 14 24           | 8 58           | 21 6            | 2 14           | 14 42           | 9 17           | 21 35           | 3 45           | 16 2            | 10 35          | 23 7            |       |
| 31    | 2 15           | 14 43           | 9 18           | 21 23           | —              | —               | —              | —               | 1 53           | 14 23           | 8 57           | 21 00           | —              | —               | —              | —               | 3 1            | 15 24           | 9 58           | 22 21           | —              | —               | —              | —               | —     |

| Datum | Juli                    |                 |                         |                 | August                  |                 |                         |                 | September               |                 |                         |                 | Oktober                 |                 |                         |                 | November                |                 |                         |                 | Dezember                |                 |               |       |
|-------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|-----------------|---------------|-------|
|       | Hochwasser              |                 | Niedrigwasser           |                 | Hochwasser              |                 | Niedrigwasser           |                 | Hochwasser              |                 | Niedrigwasser           |                 | Hochwasser              |                 | Niedrigwasser           |                 | Hochwasser              |                 | Niedrigwasser           |                 | Hochwasser              |                 | Niedrigwasser |       |
|       | Vor-<br>Nach-<br>Mittag | Nach-<br>Mittag | Vor-<br>Nach-<br>Mittag | Nach-<br>Mittag | Vor-<br>Nach-<br>Mittag | Nach-<br>Mittag | Vor-<br>Nach-<br>Mittag | Nach-<br>Mittag | Vor-<br>Nach-<br>Mittag | Nach-<br>Mittag | Vor-<br>Nach-<br>Mittag | Nach-<br>Mittag | Vor-<br>Nach-<br>Mittag | Nach-<br>Mittag | Vor-<br>Nach-<br>Mittag | Nach-<br>Mittag | Vor-<br>Nach-<br>Mittag | Nach-<br>Mittag | Vor-<br>Nach-<br>Mittag | Nach-<br>Mittag | Vor-<br>Nach-<br>Mittag | Nach-<br>Mittag |               |       |
| 1     | 4 35                    | 16 46           | 11 16                   | 23 46           | 5 48                    | 17 57           | 0 13                    | 12 20           | 6 49                    | 19 8            | 1 8                     | 13 24           | 7 12                    | 19 54           | 1 25                    | 14 5            | 9 4                     | 21 54           | 3 20                    | 16 12           | 9 8                     | 21 55           | 3 24          | 16 12 |
| 2     | 5 19                    | 17 27           | 11 51                   | —               | 6 35                    | 18 46           | 0 56                    | 13 5            | 7 48                    | 20 25           | 2 0                     | 14 36           | 8 33                    | 21 21           | 2 45                    | 15 37           | 10 13                   | 22 56           | 4 32                    | 17 16           | 10 10                   | 22 49           | 4 38          | 17 8  |
| 3     | 6 5                     | 18 17           | 0 27                    | 12 37           | 7 27                    | 19 47           | 1 44                    | 13 59           | 9 8                     | 21 48           | 3 22                    | 16 5            | 9 52                    | 22 39           | 4 10                    | 16 58           | 11 7                    | 23 43           | 5 30                    | 18 9            | 10 59                   | 22 37           | 5 20          | 18 1  |
| 4     | 7 1                     | 19 20           | 1 19                    | 13 35           | 8 33                    | 20 58           | 2 44                    | 15 10           | 10 26                   | 23 5            | 4 44                    | 15 25           | 10 57                   | 23 37           | 5 18                    | 18 1            | 11 50                   | —               | 6 18                    | 18 53           | 11 47                   | —               | 6 14          | 18 50 |
| 5     | 8 7                     | 20 28           | 2 18                    | 14 39           | 9 43                    | 22 16           | 3 59                    | 16 34           | 11 29                   | —               | 5 52                    | 18 34           | 11 48                   | —               | 6 15                    | 18 54           | 0 24                    | 12 29           | 6 59                    | 19 31           | 0 21                    | 12 29           | 6 59          | 19 28 |
| 6     | 9 18                    | 21 41           | 3 31                    | 15 58           | 10 56                   | 23 27           | 5 15                    | 17 48           | 0 7                     | 12 21           | 6 50                    | 19 24           | 0 25                    | 12 31           | 7 1                     | 19 36           | 1 0                     | 13 2            | 7 34                    | 20 5            | 0 57                    | 13 10           | 7 42          | 20 13 |
| 7     | 10 29                   | 22 48           | 4 47                    | 17 7            | 11 56                   | —               | 6 22                    | 18 52           | 0 54                    | 13 1            | 7 32                    | 20 5            | 1 5                     | 13 6            | 7 38                    | 20 8            | 1 32                    | 18 36           | 8 10                    | 20 39           | 1 39                    | 13 56           | 8 30          | 20 56 |
| 8     | 11 28                   | 23 46           | 5 49                    | 18 11           | 0 24                    | 12 46           | 7 16                    | 19 45           | 1 33                    | 13 36           | 8 10                    | 20 40           | 1 35                    | 13 36           | 8 10                    | 20 38           | 2 5                     | 14 11           | 8 46                    | 21 12           | 2 21                    | 14 42           | 9 16          | 21 38 |
| 9     | —                       | 12 19           | 6 47                    | 19 9            | 1 14                    | 13 26           | 7 58                    | 20 28           | 2 6                     | 14 7            | 8 41                    | 21 0            | 2 4                     | 14 5            | 8 40                    | 21 10           | 2 38                    | 14 49           | 9 23                    | 21 49           | 3 4                     | 15 28           | 10 2          | 22 21 |
| 10    | 0 40                    | 13 5            | 7 36                    | 19 58           | 1 54                    | 14 1            | 8 35                    | 21 5            | 2 35                    | 14 35           | 9 9                     | 21 37           | 2 35                    | 14 37           | 9 11                    | 21 40           | 3 15                    | 15 33           | 10 7                    | 22 29           | 3 48                    | 16 16           | 10 48         | 23 2  |
| 11    | 1 26                    | 13 44           | 8 17                    | 20 39           | 2 31                    | 14 34           | 9 9                     | 21 37           | 3 3                     | 15 3            | 9 37                    | 22 6            | 3 6                     | 15 11           | 9 45                    | 22 18           | 3 56                    | 16 16           | 10 47                   | 23 8            | 4 32                    | 17 5            | 11 32         | 23 42 |
| 12    | 2 5                     | 14 20           | 8 55                    | 21 21           | 3 3                     | 15 3            | 9 37                    | 22 5            | 3 32                    | 15 33           | 0 7                     | 22 36           | 3 39                    | 15 47           | 10 20                   | 22 46           | 4 39                    | 17 5            | 11 31                   | 23 50           | 5 18                    | 17 55           | —             | 12 17 |
| 13    | 2 46                    | 14 58           | 9 27                    | 21 54           | 3 31                    | 15 31           | 10 5                    | 22 33           | 4 3                     | 16 7            | 10 39                   | 23 9            | 4 14                    | 16 25           | 10 56                   | 23 18           | 5 27                    | 18 3            | —                       | 12 24           | 6 8                     | 18 53           | 0 28          | 13 0  |
| 14    | 3 20                    | 15 24           | 9 58                    | 22 25           | 4 0                     | 16 1            | 11 34                   | 23 3            | 4 38                    | 16 46           | 11 15                   | 23 44           | 4 50                    | 17 11           | 11 36                   | 23 58           | 6 29                    | 19 18           | 0 47                    | 13 52           | 7 12                    | 20 24           | 1 16          | 14 5  |
| 15    | 3 52                    | 15 54           | 10 27                   | 23 56           | 4 30                    | 16 33           | 11 4                    | 23 34           | 5 17                    | 17 29           | 11 54                   | —               | 4 55                    | 18 5            | —                       | 12 25           | 7 46                    | 20 40           | 1 57                    | 14 32           | 8 29                    | 21 22           | 2 40          | 15 37 |
| 16    | 4 24                    | 1 26            | 10 57                   | 23 25           | 5 5                     | 17 11           | 11 38                   | —               | 5 59                    | 18 17           | 0 22                    | 12 37           | 6 36                    | 19 21           | 0 55                    | 13 33           | 9 7                     | 22 0            | 3 23                    | 16 18           | 9 43                    | 23 30           | 4 0           | 16 48 |
| 17    | 4 56                    | 17 1            | 11 28                   | 23 59           | 5 44                    | 17 52           | 0 9                     | 12 15           | 6 51                    | 19 27           | 1 9                     | 13 40           | 8 4                     | 20 58           | 2 15                    | 15 12           | 10 20                   | 23 2            | 4 39                    | 17 28           | 10 46                   | 23 30           | 5 5           | 17 52 |
| 18    | 5 34                    | 17 41           | —                       | 12 4            | 6 25                    | 18 41           | 0 46                    | 13 0            | 8 12                    | 21 0            | 2 28                    | 15 13           | 9 32                    | 22 24           | 3 49                    | 16 43           | 11 15                   | 23 54           | 5 39                    | 18 21           | 11 43                   | —               | 6 9           | 18 46 |
| 19    | 6 17                    | 18 25           | 0 39                    | 12 45           | 7 19                    | 19 47           | 1 36                    | 13 59           | 9 44                    | 22 32           | 4 1                     | 16 51           | 10 44                   | 23 27           | 5 4                     | 17 51           | —                       | 12 4            | 6 38                    | 19 10           | 0 18                    | 12 30           | 7 0           | 19 33 |
| 20    | 7 3                     | 19 18           | 1 21                    | 13 38           | 8 38                    | 21 12           | 2 44                    | 16 25           | 11 0                    | 23 43           | 5 21                    | 18 9            | 0 42                    | —               | 6 10                    | 18 51           | 0 40                    | 12 48           | 7 20                    | 19 57           | 1 2                     | 14 17           | 7 49          | 20 18 |
| 21    | 8 4                     | 20 23           | 2 15                    | 14 39           | 9 58                    | 22 40           | 4 15                    | 16 59           | —                       | 12 8            | 6 31                    | 19 18           | 0 22                    | 12 31           | 7 2                     | 19 38           | 1 24                    | 13 33           | 8 7                     | 20 39           | 1 44                    | 14 3            | 8 37          | 20 59 |
| 22    | 9 16                    | 21 43           | 3 28                    | 16 0            | 11 14                   | 23 51           | 5 35                    | 18 17           | 0 43                    | 12 55           | 7 27                    | 20 5            | 1 6                     | 13 13           | 7 46                    | 20 22           | 2 5                     | 14 14           | 8 49                    | 21 16           | 2 24                    | 14 45           | 9 19          | 21 35 |
| 23    | 10 29                   | 22 57           | 4 47                    | 17 16           | —                       | 12 20           | 6 49                    | 19 29           | 1 32                    | 13 39           | 8 13                    | 20 48           | 1 48                    | 13 55           | 8 29                    | 21 4            | 2 42                    | 14 54           | 9 28                    | 21 51           | 3 1                     | 15 23           | 9 57          | 22 7  |
| 24    | 11 38                   | —               | 5 56                    | 18 28           | 0 58                    | 13 15           | 7 47                    | 20 24           | 2 14                    | 14 20           | 8 55                    | 21 28           | 2 29                    | 14 35           | 9 9                     | 21 42           | 3 17                    | 15 35           | 10 8                    | 22 26           | 3 38                    | 15 45           | 10 32         | 23 8  |
| 25    | 0 1                     | 12 33           | 7 2                     | 19 35           | 1 50                    | 14 8            | 8 37                    | 21 11           | 2 54                    | 15 0            | 9 34                    | 22 8            | 3 8                     | 15 15           | 9 49                    | 22 17           | 3 54                    | 16 14           | 10 45                   | 22 59           | 4 5                     | 16 35           | 11 5          | 23 8  |
| 26    | 1 4                     | 13 29           | 8 2                     | 20 32           | 2 36                    | 14 44           | 9 18                    | 21 52           | 3 34                    | 15 40           | 10 14                   | 22 47           | 4 44                    | 15 58           | 10 26                   | 22 50           | 4 30                    | 16 55           | 11 21                   | 23 33           | 4 40                    | 17 13           | 11 39         | 23 42 |
| 27    | 1 58                    | 14 18           | 8 52                    | 21 32           | 3 18                    | 15 24           | 9 58                    | 22 33           | 4 16                    | 16 21           | 10 58                   | 23 28           | 4 57                    | 16 17           | 11 20                   | 23 23           | 5 56                    | 18 37           | 12 6                    | 12 54           | 5 69                    | 18 37           | 0 20          | 12 56 |
| 28    | 2 51                    | 15 4            | 9 38                    | 22 11           | 3 59                    | 16 6            | 10 39                   | 23 13           | 4 53                    | 17 2            | 11 29                   | 23 55           | 4 47                    | 17 16           | 11 40                   | 23 59           | 5 56                    | 19 55           | 13 6                    | 13 54           | 6 51                    | 19 33           | 1 8           | 13 47 |
| 29    | 3 37                    | 15 47           | 10 21                   | 22 55           | 4 41                    | 16 48           | 11 18                   | 23 51           | 5 30                    | 17 44           | —                       | 12 7            | 5 37                    | 18 9            | —                       | 12 28           | 6 53                    | 19 38           | 1 18                    | 13 49           | 6 51                    | 20 37           | 1 8           | 13 47 |
| 30    | 4 22                    | 16 28           | 10 59                   | 23 33           | 5 23                    | 17 30           | 11 55                   | —               | 6 10                    | 18 34           | 0 30                    | 12 51           | 6 35                    | 19 23           | 0 51                    | 13 35           | 8 0                     | 20 49           | 2 11                    | 15 1            | 7 51                    | 20 37           | 2 2           | 14 48 |
| 31    | 5 3                     | 17 11           | 11 38                   | —               | 6 4                     | 18 14           | 0 27                    | 12 35           | —                       | —               | —                       | —               | —                       | —               | —                       | —               | 7 50                    | 20 40           | 2 1                     | 14 52           | —                       | —               | —             | —     |
|       |                         |                 |                         |                 |                         |                 |                         |                 |                         |                 |                         |                 |                         |                 |                         |                 |                         |                 |                         |                 | 8 55                    | 21 41           | 8 7           | 15 37 |