

# THE HORIZONTAL COMPONENT OF MAGNETIC INTENSITY AT OSLO OBSERVATORY 1843—1930

(DAILY VALUES FOR 9 AND 14 O'CLOCK)

$$\varphi = 59^{\circ} 54'.7 \text{ N} \qquad \lambda = 10^{\circ} 43'.4 \text{ E}$$

BY

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The present publication will give the tables containing daily values for Horizontal Intensity for the two hours in question: 9 and 14 o'clock for the entire interval 1843—1930. I intend to publish later more complete informations on the observations and the reduction constants and a more complete discussion of the results.

## Oslo Magnetic Observatory.

The Magnetic Observatory of Oslo was founded by Professor *Christopher Hansteen*. The geographical co-ordinates of the station being:

$$\varphi = 59^{\circ} 54'.7 \text{ N} \qquad \lambda = 10^{\circ} 43'.4 \text{ E}$$

The results published in this paper are based on magnetic data left by Hansteen and continued by his successors in charge of the Observatory. The large bifilar magnet was mounted in May 1841. It is suspended from a 9 metres long steel wire, which is solidly fixed to the vault of the central hall of the building. The magnet is left free to oscillate inside a wooden box, resting on four legs of 30 cm height. The box is covered with glass, in the middle of which an opening is cut, and through this pass the mirror and the brass roll, which rests on the suspension thread. Two Reaumur thermometers are placed inside the box, above the poles of the magnet, so as to allow correction for temperature influence in the magnetic moment of the magnet, as well as that of the suspension thread.

The eye-readings for observations are made by means of a telescope mounted on a marble pier, standing in the west wing of the building. To the pier, near the wooden floor of the room, is fixed a large scale with a 2-millimetre division. The distance between the scale and the mirror is 985.0 cm. In order to get a fixed mark of reference for the readings, a plumb line is fixed to the pier. It is suspended in

the immediate front of the scale so that the vertical plane through the line, perpendicular to the scale, coincides with the optical axis of the telescope.

The regular readings of the variometer instrument began the 1st of January 1843. Two observations were taken daily—one at 9<sup>h</sup>, and one at 14<sup>h</sup>, local mean time. These observations were continued up to 1931. When in 1894 the zonal time reckoning was introduced into Norway, the observations were still taken at L.M.T.—which at present means at 9<sup>h</sup> 10<sup>m</sup> and 14<sup>h</sup> 10<sup>m</sup>, M.E.T.

After the magnet was mounted in May 1841, nothing was altered till August 1876, when the thread broke by accident—a mason, mending the vault, struck the thread with a heavy wooden beam and the magnet fell down. Shortly afterwards the magnet was remounted, but regular readings were not taken till February 1878. The missing readings in such a long series is not very serious, and it seems possible to interpolate comparatively exact data for monthly values by aid of absolute measurements.

## The Reduction Constants.

*Scale Value:* Only two observations have been made for direct determination of the scale value. The first observation was made by *Hansteen* in April 1842, the second by *Fearnley* in January 1878. The observations and the determinations of the scale value were made according to a method described by *Gauss*.<sup>1)</sup>

As results for these two determinations we have:

$$\varepsilon_h = 0.971 \gamma \text{ per one scale division for 1842.}$$

$$\varepsilon_h = 1.005 \gamma \text{ » » » » » 1878.}$$

<sup>1)</sup> Carl Friedrich Gauss and Wilhelm Weber: Resultate aus den Beobachtungen der Magnetischen Vereins 1837 and 1840. Liznar, J.: Anleitung zur Messung und Beobachtung der Elemente des Erdmagnetism, Wien 1883.

In these two determinations the possible influence of torsion in the individual threads has been neglected. As the suspension consists of a double thread, it is very probable that the torsional effect of the threads will be considerable. By aid of data, found in the old documents, left by Hansteen, it has been possible to get an idea of how this torsional effect in the individual threads influences above determination for  $\epsilon_h$ . The result of the examination shows, however, that said influence is so small, that it may be ignored. As corrected data for  $\epsilon_h$  expressed in  $\gamma$  per pars (p), we get: 0.989 for 1842 and 1.005 for 1878, or practically the same as before.

According to what has been stated above a reduction with  $\epsilon_h = 0.989$  ought to be safe—at least for the first years after 1843. However, as no further observation for  $\epsilon_h$  was taken until after the magnet fell down in 1876, it is possible that  $\epsilon_h$  has changed during this long interval. In order, therefore, to control  $\epsilon_h$  during this interval we have made use of the material at hand according to the well-known method of a graphical comparison between absolute and relative data for H.

The way to proceed, consists, as we know, in selecting corresponding data for the observed absolute values, H and the relative, h where the range in H is largest possible within the shortest possible time-interval. During the years 1860—66 Hansteen took absolute observations very frequently, so that during this interval we found several series well adapted for an examination of  $\epsilon_h$ . The series we made use of will be found in Table I.

Table I. Results for control-values for  $\epsilon_h$ .

| No. | From  |         | To   |         | Referred to |       | $\epsilon_h$ | Range        | Number of data |
|-----|-------|---------|------|---------|-------------|-------|--------------|--------------|----------------|
|     | Year  | Date    | Year | Date    | Year        | Month |              |              |                |
| I   | 1860  | May 28  | 1861 | Jul. 31 | 1861        | Jan.  | 1.17         | 97 $\gamma$  | 13             |
| II  | 1861  | Nov. 24 | 1863 | Apr. 9  | 1862        | Aug.  | 1.13         | 122 $\gamma$ | 21             |
| III | 1864  | Apr. 3  | 1864 | Dec. 21 | 1864        | Aug.  | 0.97         | 142 $\gamma$ | 22             |
| IV  | 1865  | Feb. 26 | 1865 | Jul. 22 | 1865        | May   | 1.00         | 130 $\gamma$ | 18             |
| V   | 1865  | Sep. 8  | 1865 | Dec. 18 | 1865        | Nov.  | 0.96         | 98 $\gamma$  | 16             |
| VI  | 1866  | Apr. 25 | 1866 | Nov. 6  | 1866        | Aug.  | 0.98         | 124 $\gamma$ | 21             |
| M   | ..... |         |      |         | 1864        | Feb.  | 1.04         | 119 $\gamma$ | 111            |

The first five columns indicate number and the beginning and end for each series, and the next two columns give the year and month to which each result is referred. Under the heading  $\epsilon_h$  we find the resulting scale value, followed by range within each series and finally we find, in the last column the number of data used for each series. In Fig. 1 we have drawn the curve for  $\epsilon_h$  for the first period 1843—76.

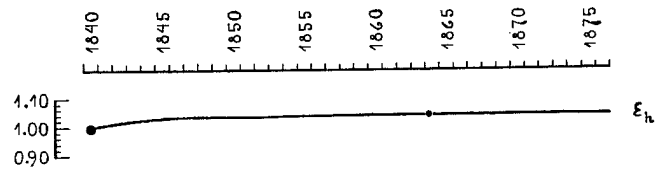


Fig. 1. Curve for the value of  $\epsilon_h$  used in the final reduction of the eye-readings for the interval 1843—76.

During the second period, 1878—1930 there are generally long intervals between the observations and many changes in the "base line values". On the whole we have only found four short series of observations suitable for extracting control values for  $\epsilon_h$ . Results for these four series will be found in Table II.

Table II. Results for control-values for  $\epsilon_h$ .

| No. | From  |         | To   |         | Referred to |       | $\epsilon_h$ | Range       | Number of data |
|-----|-------|---------|------|---------|-------------|-------|--------------|-------------|----------------|
|     | Year  | Date    | Year | Date    | Year        | Month |              |             |                |
| I   | 1891  | Sep. 8  | 1891 | Sep. 23 | 1891        | Sep.  | 1.04         | 34 $\gamma$ | 10             |
| II  | 1896  | Aug. 13 | 1897 | Jul. 16 | 1897        | Feb.  | 0.96         | 44 $\gamma$ | 8              |
| III | 1902  | Jun. 21 | 1903 | Aug. 14 | 1903        | Jan.  | 0.98         | 67 $\gamma$ | 6              |
| IV  | 1905  | Sep. 1  | 1906 | Aug. 3  | 1906        | Apr.  | 1.00         | 48 $\gamma$ | 6              |
| M   | ..... |         |      |         | 1899        | Marz  | 0.99         | 48 $\gamma$ | 30             |

In Fig. 2 we have drawn the curve for  $\epsilon_h$  for the second period, 1878—1930. In spite of the fact that the mean for these four tests is 0.99, we have also here drawn the curve so that the value increases slightly during the first years, after which it becomes constant with a value of  $\epsilon_h = 1.04$ , in agreement with the value the instrument had, when it fell down in 1876.

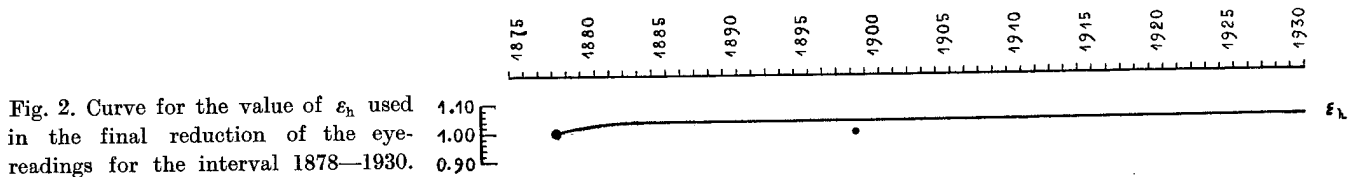


Fig. 2. Curve for the value of  $\epsilon_h$  used in the final reduction of the eye-readings for the interval 1878—1930.

*The Temperature Coefficient:* The temperature coefficient for the bifilar magnet was determined through a series of observations made by *Hansteen* in April 1841. The method used to produce the necessary material for the determination of this constant has been described in detail by *Hansteen*. The following value was found:

$$H_0 = H + a(t - t_0) + \beta(t - t_0)^2$$

whereby:  $a = 12.305 \cdot 10^{-5}$ ,  $\beta = 0.124 \cdot 10^{-5}$ , and  $t_0 = 5^\circ.0$  R. It appears that this determination has been worked out with the utmost care and it has, therefore, been used for the entire interval 1843—1930.

Using *Hansteen's* temperature coefficient for determination of the zero-line of the eye-readings—"the base line value", B. L.—it was soon found, that  $B_h$  varied considerably. In many cases this variation could be explained by accounting for the various abrupt changes in the "base line value", or more correct: in the relation between the scale and the mirror, but even corrected for these changes,  $B_h$  showed a variation the nature of which pointed in the direction of inexactness in the temperature coefficient.

As there was no reason to doubt the correctness of the temperature coefficient found by *Hansteen*, it was clear that the variation in  $B_h$  was due to the temperature influence in the torsional force of the suspension threads. A theoretical examination brought about the fact, that a comparatively large temperature influence might be expected. We will define this extra temperature coefficient,  $\lambda$ , by the following equation:

$$H_0 = H_1 [1 + \lambda(t - t)]$$

where:  $H_0$  is the observed value, reduced to standard temperature both for the "magnet" and for the "suspension", while  $H_1$  is the obtained value, reduced only to standard temperature for the "magnet".

Table III. Results for the determination of the constant  $\lambda$ .

| No. | From |         | To   |         | Referred to |       | $\lambda$ | Temp. range | Number of data |
|-----|------|---------|------|---------|-------------|-------|-----------|-------------|----------------|
|     | Year | Date    | Year | Date    | Year        | Month |           |             |                |
| I   | 1844 | May 21  | 1851 | Sep. 4  | 1848        | Jan.  | 2.6       | 17.8        | 14             |
| II  | 1855 | Apr. 8  | 1855 | Oct. 11 | 1855        | Jun.  | 3.2       | 13.5        | 7              |
| III | 1861 | Nov. 24 | 1863 | May 20  | 1862        | Oct.  | 3.2       | 14.3        | 23             |
| IV  | 1864 | Apr. 3  | 1864 | Dec. 23 | 1864        | Aug.  | 3.4       | 16.4        | 22             |
| V   | 1865 | Feb. 26 | 1865 | Jul. 22 | 1865        | May   | [4.9]     | 17.6        | 18             |
| VI  | 1865 | Sep. 8  | 1865 | Dec. 18 | 1865        | Nov.  | 2.6       | 11.2        | 16             |
| VII | 1866 | Apr. 25 | 1866 | Nov. 6  | 1866        | Jul.  | 4.0       | 11.0        | 21             |

The method according to which the value for  $\lambda$  was extracted is analogous to that used for control of the scale value. Series were selected of corresponding data for  $B_h$  and  $t$ , where the range in  $t$  was chosen as high as possible, within the shortest possible time-interval.

As final results for this examination for the first period, 1843—76, we give Table III, where the meaning of the headings will be understood by what has already been explained for Table I. In Fig. 3 we give the curve for  $\lambda$  used in the final reduction.

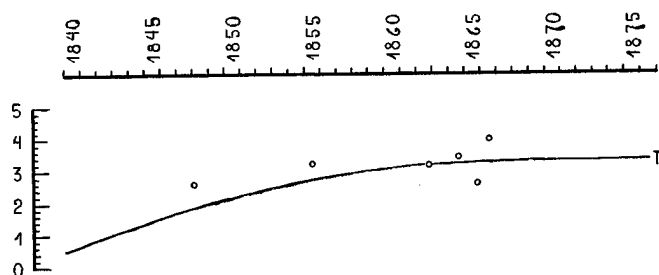


Fig. 3. Curve for the value of  $\lambda$  actually used in the final reduction of the eye-readings for the interval 1843—76.

During the entire interval 1878—1930 there seems to be only one single, small series of data suitable for control of the value of  $\lambda$  for this period. The series comprises only 6 data during the year 1900—from Jul. 2 to Nov. 19, and the relation between  $B_h$  and  $t$ , indicated by the average line through the points plotted graphically, may be put at 3.9. Investigations of reduction results with varying values for  $\lambda$  seem to point in the direction that the most probable value for  $\lambda$  is just the one, which—according to the curve in Fig. 3—was used for the final reduction of the last years before the magnet fell down in 1876. This value was:  $\lambda = 3.3 \gamma$  per  $1.0^\circ$  R.

### The Absolute Observations and the Base Line Values.

The absolute observations were all taken on a pier standing in the old park of the Observatory. The geographical co-ordinates being those mentioned on page 3:

$$\varphi = 59^\circ 54'.7 \text{ N}, \quad \lambda = 10^\circ 43'.4 \text{ E}$$

Up to the year 1867 all the absolute observations were taken by *Hansteen* by use of the oscillation

box constructed by him. One and the same magnet was used the whole time—"Dollond's Steel Cylinder". The reduction constants of this magnet were determined by *Hansteen*, and depend on observations of comparison taken at *Göttingen* in 1829, where about 100 observations were taken. New series of comparisons were taken in 1831, 1834 and 1839 in *Göttingen*, and in 1845 in *Copenhagen*.

The absolute observations for the second period, 1878—1930, are also taken on the above mentioned pier in the park of the Observatory. The instrument used was *Elliott No. 38*—now in use at the magnetic station at *Dombås*. The first observation with *Elliott No. 38* was taken by *C. Wille* the 2nd of

October 1876 and the last was taken in February the 16th, 1927.

The constants of this instrument were determined at *Kew* in 1875 and controlled at *Pawlovska* in 1892 and at *Rude Skov* in 1923.

As mentioned above, there occurred several changes in the relation between the scale and the mirror—corresponding to abrupt changes in the base line values. These changes were partly made on purpose, but mostly they may be said to have been accidental. Several of these last changes were difficult to locate, but, judged by the results of the reduction, these difficulties seem to have been fairly well overcome.

### The Tables.

In the following tables are given the complete series of reduced values for Horizontal Intensity for the two hours in question: 9 and 14 o'clock for the interval 1843 to 1930.

In order to mark out when a change in the base line value occurs we have printed the last figure of each series in fat type.

### Errata :

The mean values below the table for 1843 (14 o'clock) are erroneous. They should be:

| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 498 | 499 | 501 | 506 | 503 | 504 | 499 | 521 | 514 | 506 | 525 | 527 |

The mean value below for March, 1865 (14 o'clock) on page 18 reads 800 — should be: 806.



9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1843 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|
| 1    | 497  | 502  | 501  | 485  | 498 | 474  | 457  | 492  | 505  | 482  | 510  | 524  | 487  | 505  | 500  | 510  | 515 | 505  | 481  | 512  | 545  | 505  | 511  | 523  |
| 2    | 478  | 503  | 502  | 487  | 497 | 492  | 466  | 486  | 499  | 497  | 516  | 519  | 481  | 508  | 498  | 505  | 513 | 511  | 495  | 500  | 505  | 503  | 508  | 512  |
| 3    | 476  | 498  | 499  | 488  | 494 | 438  | 463  | 497  | 495  | 497  | 502  | 522  | 493  | 506  | 498  | 505  | 515 | 505  | 504  | 500  | 489  | 505  | 512  | 517  |
| 4    | 491  | 504  | 500  | 480  | 504 | 471  | 473  | 494  | 497  | 478  | 508  | 522  | 490  | 509  | 505  | 502  | 524 | 508  | 485  | 518  | 508  | 511  | 529  | 525  |
| 5    | 495  | 479  | 489  | 494  | 489 | 487  | 483  | 472  | 483  | 487  | 519  | 524  | 494  | 502  | 506  | 525  | 513 | 509  | 483  | 511  | 498  | 500  | 525  | 523  |
| 6    | 506  | 500  | 500  | 451  | 491 | 499  | 481  | 486  | 488  | 480  | 518  | 530  | 499  | 495  | 503  | 540  | 513 | 510  | 491  | 523  | 512  | 509  | 521  | 522  |
| 7    | 505  | 501  | 480  | 480  | 454 | 486  | 480  | 502  | 490  | 494  | 519  | 529  | 505  | 492  | 521  | 494  | 458 | 510  | 515  | 511  | 500  | 497  | 524  | 533  |
| 8    | 497  | 491  | 483  | 470  | 452 | 489  | 477  | 501  | 502  | 496  | 518  | 538  | 496  | 502  | 496  | 490  | 483 | 507  | 493  | 502  | 503  | 495  | 525  | 532  |
| 9    | 497  | 496  | 488  | 477  | 465 | 487  | 480  | 497  | 483  | 479  | 526  | 531  | 502  | 500  | 504  | 510  | 488 | 507  | 518  | 507  | 509  | 497  | 518  | 529  |
| 10   | 493  | 497  | 484  | 461  | 482 | 517  | 483  | 493  | 502  | 494  | 525  | 503  | 498  | 493  | 497  | 493  | 542 | 514  | 497  | 522  | 507  | 514  | 532  | 523  |
| 11   | 502  | 494  | 490  | 466  | 464 | 493  | 482  | 495  | 490  | 491  | 512  | 520  | 507  | 498  | 502  | 506  | 508 | 536  | 518  | 519  | 520  | 509  | 525  | 524  |
| 12   | 491  | 494  | 502  | 478  | 477 | 490  | 475  | 507  | 511  | 500  | 521  | 523  | 496  | 499  | 508  | 508  | 498 | 516  | 505  | 534  | 525  | 496  | 530  | 526  |
| 13   | 494  | 503  | 453  | 466  | 465 | 488  | 476  | 506  | 514  | 496  | 526  | 522  | 495  | 494  | 492  | 506  | 485 | 550  | 505  | 514  | 527  | 504  | 535  | 526  |
| 14   | 498  | 494  | 487  | 479  | 476 | 496  | 486  | 502  | 515  | 476  | 505  | 518  | 499  | 491  | 493  | 493  | 487 | 516  | 518  | 543  | 529  | 507  | 518  | 517  |
| 15   | 481  | 494  | 485  | 468  | 476 | 487  | 487  | 504  | 520  | 498  | 511  | 523  | 500  | 494  | 497  | 500  | 508 | 507  | 502  | 527  | 518  | 507  | 522  | 542  |
| 16   | 504  | 493  | 476  | 478  | 478 | 491  | 475  | 516  | 514  | 481  | 518  | 530  | 510  | 502  | 508  | 494  | 500 | 520  | 498  | 527  | 528  | 490  | 521  | 534  |
| 17   | 493  | 490  | 481  | 477  | 470 | 496  | 490  | 514  | 515  | 490  | 521  | 529  | 502  | 498  | 496  | 508  | 501 | 502  | 501  | 535  | 524  | 502  | 526  | 531  |
| 18   | 501  | 498  | 490  | 479  | 472 | 492  | 475  | 520  | 509  | 485  | 521  | 527  | 502  | 498  | 503  | 503  | 496 | 504  | 485  | 533  | 538  | 514  | 527  | 528  |
| 19   | 507  | 494  | 479  | 477  | 482 | 469  | 501  | 514  | 504  | 491  | 516  | 532  | 497  | 501  | 502  | 500  | 496 | 498  | 497  | 540  | 536  | 510  | 528  | 530  |
| 20   | 497  | 495  | 479  | 498  | 479 | 474  | 482  | 523  | 475  | 492  | 522  | 524  | 495  | 490  | 495  | 503  | 487 | 485  | 481  | 519  | 530  | 511  | 529  | 514  |
| 21   | 504  | 487  | 485  | 495  | 475 | 466  | 496  | 507  | 505  | 492  | 516  | 525  | 506  | 494  | 494  | 511  | 506 | 501  | 488  | 539  | 514  | 502  | 528  | 528  |
| 22   | 508  | 487  | 489  | 491  | 485 | 484  | 490  | 512  | 503  | 492  | 525  | 528  | 508  | 501  | 513  | 507  | 525 | 500  | 479  | 500  | 520  | 500  | 515  | 531  |
| 23   | 493  | 495  | 498  | 500  | 474 | 479  | 487  | 483  | 494  | 501  | 525  | 524  | 501  | 500  | 502  | 502  | 502 | 478  | 505  | 516  | 509  | 514  | 527  | 530  |
| 24   | 501  | 488  | 487  | 497  | 483 | 487  | 492  | 487  | 494  | 497  | 530  | 530  | 501  | 495  | 495  | 513  | 496 | 493  | 497  | 524  | 512  | 502  | 522  | 534  |
| 25   | 501  | 488  | 495  | 493  | 484 | 482  | 452  | 496  | 497  | 505  | 530  | 538  | 498  | 496  | 495  | 513  | 502 | 464  | 544  | 521  | 522  | 520  | 523  | 528  |
| 26   | 501  | 489  | 490  | 492  | 494 | 471  | 470  | 505  | 497  | 505  | 529  | 531  | 503  | 497  | 506  | 506  | 513 | 506  | 487  | 525  | 512  | 514  | 524  | 531  |
| 27   | 505  | 496  | 494  | 483  | 476 | 458  | 471  | 515  | 492  | 505  | 530  | 532  | 512  | 505  | 506  | 497  | 512 | 490  | 505  | 525  | 502  | 514  | 532  | 534  |
| 28   | 507  | 487  | 491  | 493  | 486 | 461  | 485  | 510  | 495  | 502  | 525  | 530  | 504  | 508  | 500  | 515  | 512 | 485  | 486  | 521  | 491  | 510  | 532  | 508  |
| 29   | 501  |      | 500  | 491  | 487 | 454  | 479  | 501  | 495  | 505  | 527  | 528  | 490  | 490  | 514  | 483  | 489 | 493  | 527  | 504  | 516  | 524  | 528  |      |
| 30   | 496  |      | 476  | 496  | 483 | 473  | 476  | 502  | 489  | 510  | 524  | 534  | 483  | 492  | 519  | 502  | 497 | 498  | 523  | 487  | 504  | 528  | 527  |      |
| 31   | 493  |      | 476  |      | 487 |      | 483  | 508  |      |      | 514  | 534  | 492  | 494  | 494  | 517  |     | 507  | 520  |      | 507  | 527  | 532  |      |
| Mean | 497  | 494  | 488  | 482  | 480 | 481  | 479  | 502  | 499  | 494  | 520  | 527  | 497  | 494  | 488  | 482  | 480 | 481  | 479  | 502  | 499  | 494  | 520  | 527  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1844 | Jan. | Feb. | Marz  | Apr. | May | June | July | Aug. | Sep. | Oct.  | Nov.  | Dec. | Jan. | Feb. | Marz | Apr.  | May | June | July | Aug.  | Sep. | Oct. | Nov.  | Dec. |
|------|------|------|-------|------|-----|------|------|------|------|-------|-------|------|------|------|------|-------|-----|------|------|-------|------|------|-------|------|
| 1    | 541  | 534  | 513   | 492  | 470 | 488  | 467  | 501  | 482  | (430) | 519   | 523  | 528  | 505  | 530  | 515   | 533 | 524  | 511  | 497   | 521  | 494  | 527   | 538  |
| 2    | 532  | 527  | 506   | 494  | 498 | 483  | 500  | 466  | 481  | 508   | 502   | 520  | 520  | 527  | 518  | 523   | 522 | 538  | 516  | 522   | 512  | 509  | 511   | 528  |
| 3    | 531  | 525  | 516   | 458  | 500 | 485  | 500  | 471  | 496  | 501   | 508   | 520  | 531  | 518  | 520  | 518   | 518 | 513  | 528  | 520   | 522  | 522  | 515   | 514  |
| 4    | 536  | 520  | 500   | 487  | 496 | 490  | 503  | 471  | 510  | 507   | 510   | 525  | 546  | 528  | 526  | 512   | 507 | 514  | 525  | (594) | 532  | 518  | 510   | 510  |
| 5    | 529  | 529  | 492   | 515  | 492 | 490  | 498  | 481  | 500  | 495   | 510   | 515  | 540  | 566  | 547  | 532   | 516 | 505  | 518  | 521   | 524  | 513  | 511   | 520  |
| 6    | 523  | 502  | 510   | 504  | 503 | 493  | 500  | 484  | 494  | 504   | 523   | 517  | 531  | 526  | 531  | 521   | 539 | 503  | 514  | 513   | 517  | 522  | 510   | 525  |
| 7    | 520  | 522  | 506   | 509  | 504 | 489  | 500  | 483  | 516  | 502   | 512   | 520  | 532  | 528  | 525  | 526   | 520 | 501  | 528  | 507   | 516  | 506  | 514   | 526  |
| 8    | 526  | 520  | (451) | 508  | 497 | 483  | 511  | 495  | 513  | 503   | 511   | 523  | 527  | 533  | 516  | 525   | 495 | 501  | 516  | 520   | 542  | 522  | 514   | 526  |
| 9    | 523  | 520  | 501   | 521  | 495 | 498  | 489  | 508  | 506  | 502   | 510   | 524  | 519  | 529  | 518  | 521   | 522 | 526  | 523  | 506   | 515  | 522  | 516   | 530  |
| 10   | 527  | 526  | 513   | 512  | 502 | 512  | 500  | 450  | 498  | 504   | 519   | 531  | 519  | 523  | 520  | 529   | 526 | 524  | 510  | 514   | 520  | 509  | 527   | 527  |
| 11   | 523  | 512  | 502   | 511  | 502 | 488  | 505  | 497  | 489  | 503   | 516   | 532  | 507  | 529  | 516  | 521   | 525 | 522  | 540  | 530   | 522  | 522  | 521   | 523  |
| 12   | 521  | 525  | 513   | 520  | 502 | 504  | 518  | 486  | 482  | 510   | 510   | 533  | 525  | 529  | 522  | 533   | 526 | 517  | 537  | 519   | 521  | 522  | 509   | 527  |
| 13   | 530  | 527  | 507   | 513  | 501 | 513  | 517  | 496  | 489  | 510   | 501   | 527  | 528  | 527  | 524  | 525   | 538 | 531  | 544  | 519   | 514  | 527  | 508   | 526  |
| 14   | 527  | 530  | 514   | 500  | 509 | 511  | 493  | 493  | 486  | 511   | (555) | 545  | 535  | 527  | 524  | 519   | 504 | 548  | 538  | 516   | 506  | 523  | 526   | 535  |
| 15   | 534  | 537  | 518   | 506  | 513 | 503  | 514  | 492  | 471  | 508   | (560) | 525  | 538  | 526  | 525  | 525   | 514 | 516  | 543  | 521   | 511  | 520  | 524   | 487  |
| 16   | 529  | 528  | 514   | 505  | 502 | 506  | 503  | 498  | 469  | 518   | 510   | 519  | 541  | 537  | 529  | 515   | 515 | 531  | 528  | 530   | 503  | 523  | (570) | 519  |
| 17   | 528  | 535  | 518   | 527  | 495 | 485  | 504  | 477  | 484  | 518   | 501   | 522  | 538  | 542  | 525  | (579) | 512 | 521  | 531  | 535   | 516  | 520  | 502   | 522  |
| 18   | 536  | 535  | 519   | 500  | 494 | 500  | 502  | 493  | 474  | 519   | 536   | 517  | 539  | 539  | 527  | 517   | 510 | 538  | 506  | 535   | 501  | 535  | 517   | 531  |
| 19   | 527  | 534  | 503   | 502  | 506 | 500  | 487  | 490  | 489  | 521   | 507   | 514  | 538  | 547  | 525  | 510   | 532 | 546  | 525  | 520   | 486  | 531  | 513   | 527  |
| 20   | 524  | 534  | 514   | 493  | 505 | 500  | 495  | 495  | 500  | 506   | 508   | 522  | 537  | 543  | 517  | 554   | 519 | 517  | 536  | 525   | 502  | 538  | 510   | 526  |
| 21   | 537  | 537  | 505   | 507  | 580 | 500  | 496  | 500  | 482  | 471   | 513   | 524  | 534  | 537  | 517  | 530   | 517 | 537  | 532  | 515   | 419  | 553  | 519   | 519  |
| 22   | 531  | 493  | 511   | 505  | 498 | 497  | 500  | 493  | 500  | 497   | 524   | 530  | 527  | 532  | 516  | 521   | 525 | 521  | 517  | 535   | 521  | 521  | 513   | 516  |
| 23   | 536  | 523  | 509   | 513  | 478 | 501  | 517  | 480  | 488  | 502   | 490   | 528  | 538  | 535  | 509  | 531   | 522 | 532  | 527  | 519   | 512  | 512  | 507   | 523  |
| 24   | 530  | 549  | 503   | 509  | 482 | 506  | 518  | 480  | 503  | 507   | 520   | 527  | 531  | 530  | 511  | 537   | 503 | 521  | 534  | 523   | 524  | 507  | 497   | 526  |
| 25   | 510  | 528  | 509   | 533  | 494 | 503  | 519  | 489  | 512  | 474   | 516   | 527  | 517  | 545  | 521  | 541   | 525 | 519  | 540  | 515   | 513  | 534  | 518   | 528  |
| 26   | 530  | 530  | 506   | 495  | 489 |      |      |      |      |       |       |      |      |      |      |       |     |      |      |       |      |      |       |      |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1845 | Jan. | Feb. | Marz | Apr.  | May | June | July | Aug.  | Sep.  | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug.  | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|-------|-----|------|------|-------|-------|------|------|------|------|------|------|------|-----|------|------|-------|------|------|------|------|
| 1    | 520  | 535  | 515  | 532   | 477 | 508  | 488  | 490   | 489   | 494  | 516  | 513  | 516  | 533  | 528  | 508  | 534 | 529  | 542  | (488) | 531  | 497  | 494  | 518  |
| 2    | 503  | 541  | 512  | 510   | 497 | 504  | 486  | 490   | 480   | 508  | 494  | 517  | 512  | 531  | 523  | 523  | 506 | 545  | 531  | 533   | 541  | 500  | 506  | 511  |
| 3    | 527  | 534  | 516  | 503   | 493 | 494  | 488  | 477   | 484   | 493  | 483  | 518  | 523  | 533  | 530  | 520  | 501 | 535  | 524  | 527   | 528  | 493  | 502  | 533  |
| 4    | 524  | 538  | 517  | 513   | 487 | 510  | 497  | (445) | 477   | 489  | 497  | 498  | 524  | 533  | 524  | 507  | 512 | 532  | 531  | 522   | 515  | 493  | 508  | 510  |
| 5    | 533  | 537  | 519  | 499   | 489 | 488  | 506  | 493   | 486   | 489  | 504  | 502  | 528  | 546  | 525  | 519  | 513 | 535  | 520  | 507   | 516  | 506  | 506  | 500  |
| 6    | 523  | 523  | 521  | 504   | 494 | 497  | 487  | 493   | 474   | 493  | 500  | 503  | 542  | 527  | 527  | 545  | 525 | 522  | 551  | 529   | 525  | 511  | 504  | 508  |
| 7    | 533  | 531  | 515  | 501   | 483 | 495  | 492  | 495   | 476   | 493  | 488  | 515  | 538  | 540  | 517  | 529  | 524 | 529  | 534  | 519   | 500  | 504  | 500  | 506  |
| 8    | 524  | 535  | 519  | 497   | 492 | 505  | 496  | 472   | 443   | 484  | 501  | 509  | 530  | 543  | 514  | 518  | 519 | 539  | 537  | 519   | 500  | 502  | 511  | 510  |
| 9    | 531  | 542  | 522  | 500   | 486 | 505  | 493  | 500   | 483   | 495  | 509  | 506  | 514  | 545  | 514  | 522  | 520 | 538  | 511  | 541   | 494  | 508  | 507  | 512  |
| 10   | 523  | 535  | 516  | 506   | 500 | 508  | 487  | 509   | 480   | 457  | 510  | 514  | 529  | 534  | 517  | 523  | 510 | 541  | 536  | 506   | 521  | 506  | 508  | 505  |
| 11   | 526  | 533  | 513  | 488   | 493 | 497  | 483  | 498   | 489   | 484  | 514  | 511  | 528  | 537  | 523  | 518  | 529 | 547  | 514  | 523   | 504  | 487  | 519  | 518  |
| 12   | 529  | 535  | 516  | 520   | 501 | 494  | 505  | 497   | 490   | 500  | 510  | 513  | 521  | 520  | 526  | 525  | 539 | 511  | 512  | 515   | 522  | 495  | 524  | 515  |
| 13   | 529  | 503  | 502  | 520   | 492 | 496  | 513  | 507   | 475   | 489  | 517  | 515  | 525  | 529  | 515  | 530  | 543 | 524  | 525  | 529   | 497  | 506  | 525  | 500  |
| 14   | 528  | 529  | 480  | 490   | 490 | 496  | 485  | 493   | 489   | 491  | 518  | 498  | 531  | 531  | 525  | 509  | 525 | 543  | 520  | 534   | 504  | 503  | 519  | 507  |
| 15   | 526  | 533  | 505  | 503   | 503 | 505  | 498  | 492   | 495   | 497  | 512  | 510  | 527  | 533  | 521  | 526  | 526 | 522  | 519  | 565   | 509  | 518  | 521  | 497  |
| 16   | 532  | 534  | 508  | 504   | 511 | 495  | 492  | 478   | 498   | 498  | 514  | 507  | 529  | 526  | 521  | 515  | 552 | 521  | 523  | 551   | 518  | 505  | 545  | 508  |
| 17   | 536  | 536  | 503  | 496   | 500 | 485  | 506  | 502   | 497   | 500  | 510  | 495  | 530  | 537  | 517  | 514  | 540 | 517  | 532  | 535   | 502  | 513  | 512  | 508  |
| 18   | 540  | 535  | 507  | 501   | 503 | 487  | 491  | 492   | 460   | 494  | 503  | 505  | 529  | 533  | 521  | 531  | 534 | 524  | 533  | 531   | 510  | 525  | 488  | 497  |
| 19   | 545  | 529  | 503  | 503   | 505 | 492  | 500  | 493   | 491   | 495  | 486  | 509  | 528  | 548  | 524  | 521  | 549 | 525  | 534  | 534   | 521  | 523  | 490  | 508  |
| 20   | 519  | 539  | 502  | (448) | 489 | 495  | 500  | 491   | 478   | 522  | 516  | 511  | 532  | 538  | 517  | 512  | 557 | 524  | 554  | 511   | 504  | 521  | 495  | 518  |
| 21   | 550  | 514  | 508  | 475   | 509 | 480  | 500  | 484   | 498   | 500  | 519  | 523  | 526  | 529  | 527  | 506  | 530 | 521  | 511  | 519   | 503  | 508  | 508  | 517  |
| 22   | 538  | 489  | 509  | 480   | 503 | 491  | 511  | 496   | 489   | 493  | 524  | 524  | 534  | 528  | 516  | 518  | 522 | 513  | 529  | 534   | 510  | 508  | 517  | 525  |
| 23   | 533  | 513  | 505  | 456   | 501 | 477  | 512  | 502   | 490   | 497  | 525  | 518  | 528  | 500  | 527  | 526  | 532 | 520  | 514  | 519   | 514  | 506  | 502  | 526  |
| 24   | 512  | 512  | 503  | 509   | 469 | 480  | 506  | 502   | 495   | 498  | 528  | 520  | 531  | 522  | 537  | 544  | 537 | 506  | 515  | 520   | 517  | 515  | 513  | 521  |
| 25   | 533  | 495  | 494  | 509   | 488 | 494  | 457  | 497   | (434) | 481  | 529  | 517  | 527  | 528  | 531  | 523  | 541 | 519  | 532  | 521   | 491  | 508  | 515  | 526  |
| 26   | 537  | 517  | 502  | 490   | 500 | 481  | 494  | 498   | 487   | 496  | 522  | 525  | 547  | 512  | 532  | 519  | 532 | 504  | 529  | 523   | 500  | 509  | 520  | 530  |
| 27   | 533  | 512  | 516  | 498   | 519 | 491  | 491  | 490   | 491   | 504  | 526  | 522  | 523  | 533  | 515  | 520  | 527 | 509  | 518  | 516   | 504  | 504  | 531  | 521  |
| 28   | 535  | 508  | 509  | 477   | 505 | 493  | 486  | 496   | 466   | 502  | 493  | 522  | 542  | 519  | 508  | 537  | 527 | 520  | 508  | 525   | 522  | 508  | 502  | 516  |
| 29   | 522  |      | 505  | 493   | 506 | 472  | 487  | 485   | 483   | 496  | 513  | 519  | 540  |      | 526  | 512  | 525 | 519  | 510  | (583) | 489  | 509  | 485  | 523  |
| 30   | 531  |      | 511  | 491   | 501 | 475  | 508  | 469   | 487   | 507  | 494  | 514  | 533  |      | 534  | 522  | 530 | 530  | 531  | 539   | 511  | 514  | 507  | 511  |
| 31   | 532  |      | 505  |       | 464 |      | 483  | 505   |       | 503  |      | 516  | 522  |      | 521  |      | 536 |      | 532  | 533   |      | 508  |      | 511  |
| Mean | 529  | 526  | 509  | 499   | 495 | 493  | 494  | 493   | 483   | 495  | 509  | 513  | 529  | 531  | 523  | 521  | 529 | 525  | 526  | 527   | 511  | 507  | 509  | 513  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1846 | Jan. | Feb. | Marz | Apr. | May   | June | July  | Aug. | Sep.  | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr.  | May   | June  | July  | Aug.  | Sep.  | Oct.  | Nov. | Dec. |
|------|------|------|------|------|-------|------|-------|------|-------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 1    | 517  | 508  | 502  | 514  | (414) | 497  | 475   | 496  | 502   | 494  | 516  | 521  | 522  | 521  | 520  | 536   | 510   | 514   | 512   | 526   | 551   | 530   | 512  | 530  |
| 2    | 521  | 505  | 496  | 488  | 506   | 481  | 458   | 508  | 507   | 500  | 508  | 524  | 516  | 520  | 529  | 517   | 504   | 541   | 517   | 525   | 536   | 519   | 495  | 512  |
| 3    | 509  | 513  | 513  | 516  | 508   | 483  | 480   | 500  | 497   | 487  | 497  | 522  | 517  | 517  | 532  | 520   | 562   | 529   | 531   | 540   | 530   | 510   | 514  | 512  |
| 4    | 513  | 517  | 514  | 512  | 514   | 474  | 470   | 523  | 469   | 510  | 510  | 527  | 523  | 516  | 530  | 527   | 541   | 540   | 523   | 547   | 519   | 510   | 524  | 521  |
| 5    | 516  | 516  | 523  | 504  | 496   | 494  | 491   | 534  | 498   | 497  | 510  | 529  | 516  | 512  | 546  | 525   | 519   | 527   | 540   | 550   | 498   | 517   | 528  | 529  |
| 6    | 517  | 516  | 521  | 524  | 477   | 504  | 489   | 520  | 489   | 500  | 516  | 525  | 519  | 515  | 526  | (589) | 519   | 546   | (588) | 554   | 509   | 509   | 525  | 516  |
| 7    | 526  | 512  | 530  | 497  | 489   | 501  | 491   | 516  | 496   | 507  | 513  | 530  | 521  | 516  | 542  | 519   | 529   | 556   | 546   | 518   | 518   | 511   | 523  | 528  |
| 8    | 501  | 523  | 530  | 484  | 502   | 498  | 473   | 483  | 467   | 463  | 516  | 530  | 508  | 517  | 533  | 523   | 523   | 528   | 506   | (619) | (565) | (665) | 513  | 531  |
| 9    | 520  | 511  | 523  | 502  | 492   | 463  | 486   | 491  | 490   | 496  | 521  | 526  | 522  | 519  | 532  | 512   | 548   | 527   | 518   | 581   | 537   | 503   | 512  | 529  |
| 10   | 522  | 526  | 631  | 507  | 493   | 475  | 476   | 490  | 489   | 475  | 512  | 529  | 528  | 531  | 541  | 520   | (483) | 558   | 519   | 567   | 513   | 546   | 518  | 521  |
| 11   | 527  | 530  | 529  | 504  | 483   | 485  | 488   | 506  | 493   | 501  | 519  | 521  | 523  | 527  | 533  | 524   | 527   | (605) | 560   | 502   | 506   | 525   | 522  | 522  |
| 12   | 528  | 530  | 528  | 498  | 480   | 495  | 453   | 511  | (439) | 470  | 512  | 522  | 524  | 520  | 548  | 533   | (485) | 528   | 575   | 571   | 551   | 513   | 521  | 527  |
| 13   | 518  | 522  | 523  | 504  | 485   | 514  | (439) | 470  | 486   | 510  | 519  | 530  | 515  | 517  | 546  | 548   | 525   | 494   | 539   | 559   | 516   | 507   | 525  | 531  |
| 14   | 517  | 530  | 507  | 506  | 486   | 508  | 480   | 494  | (447) | 505  | 516  | 523  | 512  | 519  | 512  | 534   | 559   | 525   | 524   | 555   | 540   | 496   | 516  | 530  |
| 15   | 513  | 537  | 508  | 509  | 494   | 488  | 501   | 488  | 475   | 504  | 510  | 528  | 515  | 527  | 522  | 540   | 529   | 529   | 538   | 562   | 474   | 512   | 522  | 528  |
| 16   | 520  | 518  | 521  | 485  | 483   | 483  | 491   | 494  | 471   | 518  | 520  | 522  | 533  | 502  | 551  | 550   | 516   | 526   | 519   | 529   | 485   | 500   | 524  | 529  |
| 17   | 495  | 509  | 512  | 460  | 495   | 485  | 488   | 484  | 480   | 514  | 527  | 522  | 527  | 524  | 549  | 532   | 506   | 534   | 528   | 521   | 488   | 512   | 521  | 532  |
| 18   | 511  | 512  | 492  | 509  | 500   | 491  | 494   | 512  | 458   | 532  | 497  | 526  | 521  | 524  | 526  | 506   | 524   | 531   | 536   | 533   | 489   | 531   | 504  | 528  |
| 19   | 508  | 513  | 536  | 509  | 496   | 521  | 496   | 496  | 476   | 513  | 508  | 527  | 527  | 518  | 526  | 519   | 538   | 539   | 505   | 543   | 491   | 527   | 516  | 528  |
| 20   | 515  | 513  | 512  | 529  | 490   | 491  | 485   | 494  | 473   | 508  | 518  | 527  | 520  | 526  | 519  | 515   | 533   | 529   | 542   | 542   | 494   | 527   | 525  | 534  |
| 21   | 518  | 517  | 511  | 507  | 497   | 491  | 500   | 498  | 474   | 516  | 515  | 529  | 526  | 525  | 523  | 526   | 531   | 572   | 552   | 516   | 491   | 521   | 531  | 531  |
| 22   | 516  | 511  | 505  | 512  | 468   | 477  | 503   | 496  | 472   | 511  | 508  | 527  | 523  | 525  | 533  | 519   | (591) | 575   | 526   | 548   | (824) | 523   | 527  | 530  |
| 23   | 515  | 524  | 502  | 496  | 481   | 467  | 510   | 510  | 448   | 490  | 531  | 533  | 518  | 524  | 516  | 539   | 549   | 528   | 560   | 538   | 472   | 516   | 531  | 529  |
| 24   | 595  | 520  | 513  | 512  | 480   | 476  | 507   | 510  | 461   | 512  | 527  | 522  | 523  | 534  | 523  | 519   | 540   | 523   | 545   | 527   | 494   | 524   | 529  | 529  |
| 25   | 515  | 518  | 509  | 502  | 505   | 466  | 491   | 495  | 461   | 515  | 531  | 528  | 514  | 534  | 525  | 521   | 511   | 500   | 537   | 550   | 494   | 507   | 537  | 516  |
| 26   | 514  | 505  | 5    |      |       |      |       |      |       |      |      |      |      |      |      |       |       |       |       |       |       |       |      |      |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1847 | Jan. | Feb. | Marz | Apr.  | May | June | July | Aug.  | Sep.  | Oct.  | Nov. | Dec. | Jan. | Feb. | Marz  | Apr.  | May   | June | July | Aug. | Sep.  | Oct.  | Nov.  | Dec.  |
|------|------|------|------|-------|-----|------|------|-------|-------|-------|------|------|------|------|-------|-------|-------|------|------|------|-------|-------|-------|-------|
| 1    | 533  | 518  | 517  | 519   | 503 | 518  | 496  | 522   | 484   | 478   | 504  | 507  | 541  | 518  | (587) | 521   | 547   | 561  | 577  | 536  | 514   | 474   | 552   | 528   |
| 2    | 534  | 519  | 498  | 516   | 491 | 518  | 516  | 525   | 485   | 486   | 472  | 524  | 526  | 530  | 520   | 529   | 554   | 544  | 543  | 547  | 522   | 500   | 500   | 538   |
| 3    | 531  | 523  | 513  | 517   | 509 | 506  | 526  | 535   | 482   | 481   | 497  | 504  | 530  | 516  | 535   | 577   | 547   | 531  | 568  | 545  | 524   | 500   | 492   | 509   |
| 4    | 533  | 531  | 517  | 488   | 506 | 524  | 505  | 544   | 480   | 488   | 494  | 514  | 534  | 520  | 529   | 546   | 527   | 558  | 550  | 533  | 516   | 504   | 495   | 510   |
| 5    | 545  | 532  | 527  | 509   | 513 | 522  | 502  | 477   | 485   | 484   | 503  | 515  | 521  | 532  | 534   | 557   | 522   | 549  | 550  | 550  | 539   | 501   | 500   | 512   |
| 6    | 537  | 531  | 529  | 497   | 518 | 525  | 508  | 476   | 500   | 478   | 498  | 513  | 530  | 527  | 540   | 537   | 521   | 545  | 523  | 542  | 519   | 487   | 494   | 514   |
| 7    | 530  | 523  | 489  | 508   | 512 | 527  | 509  | 513   | 500   | 469   | 497  | 518  | 539  | 533  | 540   | 526   | 541   | 549  | 530  | 567  | 539   | 492   | 501   | 521   |
| 8    | 539  | 527  | 498  | 505   | 500 | 513  | 500  | 512   | 484   | 482   | 505  | 531  | 526  | 540  | 527   | 495   | 579   | 541  | 531  | 550  | 514   | 487   | 507   | 511   |
| 9    | 536  | 520  | 505  | 478   | 510 | 511  | 509  | 496   | 491   | 470   | 509  | 514  | 537  | 528  | 550   | 525   | 523   | 545  | 524  | 540  | 549   | 485   | 517   | 539   |
| 10   | 536  | 528  | 515  | 397   | 514 | 524  | 500  | 510   | 480   | 466   | 506  | 523  | 534  | 536  | 527   | 546   | 544   | 523  | 578  | 541  | 525   | 501   | 513   | 524   |
| 11   | 528  | 529  | 515  | 503   | 513 | 497  | 487  | 509   | 473   | 474   | 504  | 521  | 533  | 532  | 540   | 529   | 536   | 552  | 531  | 534  | 525   | 500   | 519   | 511   |
| 12   | 527  | 532  | 522  | 505   | 511 | 506  | 494  | 512   | 493   | 476   | 509  | 519  | 526  | 529  | 526   | 527   | 538   | 526  | 536  | 543  | 505   | 513   | 506   | 524   |
| 13   | 530  | 530  | 533  | 511   | 500 | 488  | 507  | 512   | 490   | 473   | 514  | 527  | 531  | 524  | 539   | 533   | 551   | 528  | 542  | 527  | 555   | 538   | 518   | 529   |
| 14   | 522  | 538  | 515  | 503   | 505 | 502  | 500  | 508   | 487   | 459   | 509  | 525  | 529  | 534  | 524   | 529   | 549   | 568  | 553  | 572  | 496   | 484   | 510   | 534   |
| 15   | 525  | 534  | 521  | 488   | 518 | 493  | 491  | 498   | 489   | 467   | 495  | 527  | 534  | 538  | 534   | 531   | 540   | 547  | 540  | 524  | 511   | 503   | 508   | 529   |
| 16   | 531  | 520  | 515  | 491   | 485 | 500  | 500  | 494   | 494   | 474   | 522  | 525  | 525  | 515  | 518   | 511   | (597) | 529  | 540  | 545  | 516   | 481   | 525   | 527   |
| 17   | 530  | 526  | 526  | 484   | 496 | 505  | 508  | 500   | 483   | 472   | 504  | 512  | 525  | 539  | 526   | 578   | 539   | 544  | 515  | 556  | 526   | 507   | 504   | 547   |
| 18   | 532  | 547  | 529  | 506   | 474 | 526  | 502  | 501   | 483   | 461   | 508  | 485  | 529  | 532  | 539   | 536   | 531   | 547  | 552  | 538  | 494   | 491   | 520   | 513   |
| 19   | 528  | 533  | 525  | 500   | 497 | 518  | 503  | 500   | 492   | 486   | 508  | 509  | 532  | 538  | 545   | 527   | 544   | 549  | 541  | 534  | 505   | 530   | 517   | (715) |
| 20   | 539  | 532  | 506  | 512   | 500 | 523  | 507  | 490   | 489   | 496   | 518  | 501  | 531  | 536  | 516   | 539   | 539   | 550  | 559  | 538  | 508   | 494   | 518   | (628) |
| 21   | 535  | 527  | 486  | 500   | 503 | 525  | 516  | 501   | 497   | 493   | 495  | 475  | 531  | 536  | 504   | (853) | 538   | 554  | 558  | 546  | 509   | 489   | 503   | 476   |
| 22   | 530  | 511  | 510  | 515   | 491 | 534  | 523  | (417) | 505   | 498   | 521  | 493  | 519  | 551  | 515   | 540   | 547   | 569  | 585  | 532  | 512   | 510   | 532   | 509   |
| 23   | 522  | 517  | 514  | 509   | 516 | 528  | 517  | 486   | 512   | 488   | 483  | 492  | 531  | 531  | 525   | 529   | 556   | 543  | 540  | 513  | 539   | (612) | 489   | 507   |
| 24   | 525  | 542  | 503  | 509   | 512 | 517  | 521  | 477   | 465   | (429) | 475  | 500  | 528  | 532  | 522   | 518   | 540   | 543  | 547  | 525  | 498   | (630) | 486   | 509   |
| 25   | 530  | 485  | 520  | 510   | 516 | 517  | 500  | (445) | 447   | (390) | 485  | 510  | 531  | 534  | 535   | 527   | 532   | 544  | 545  | 504  | (448) | (724) | (574) | 509   |
| 26   | 533  | 508  | 511  | 515   | 534 | 525  | 518  | 467   | 464   | (662) | 477  | 507  | 533  | 548  | 535   | 538   | 545   | 551  | 541  | 502  | 533   | 463   | (570) | 509   |
| 27   | 536  | 535  | 515  | 510   | 528 | 539  | 518  | 471   | 496   | 461   | 504  | 517  | 537  | 541  | 536   | 545   | 544   | 569  | 553  | 512  | (461) | 482   | 506   | 516   |
| 28   | 538  | 536  | 508  | 514   | 493 | 532  | 525  | 475   | (443) | 482   | 507  | 515  | 533  | 534  | 538   | 551   | 535   | 549  | 531  | 534  | (459) | 503   | 510   | 512   |
| 29   | 527  |      | 519  | 495   | 505 | 533  | 512  | 484   | 464   | 484   | 514  | 513  | 537  |      | 547   | 539   | 548   | 563  | 552  | 526  | 488   | (571) | 518   | 523   |
| 30   | 524  |      | 516  | (449) | 519 | 505  | 524  | 494   | 470   | 486   | 518  | 504  | 530  |      | 565   | (593) | 552   | 563  | 558  | 529  | 490   | 502   | 544   | 507   |
| 31   | 526  |      | 508  |       | 519 |      | 513  | 500   |       | 494   |      | 509  | 521  |      | 537   |       | 555   |      | 547  | 522  |       | 510   |       | 521   |
| Mean | 531  | 526  | 514  | 504   | 507 | 516  | 508  | 500   | 485   | 479   | 502  | 511  | 530  | 532  | 532   | 535   | 542   | 548  | 546  | 536  | 517   | 500   | 511   | 519   |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1848 | Jan. | Feb. | Marz | Apr.  | May | June | July  | Aug. | Sep. | Oct.  | Nov. | Dec. | Jan. | Feb.  | Marz  | Apr.  | May   | June | July  | Aug. | Sep.  | Oct.  | Nov.  | Dec. |
|------|------|------|------|-------|-----|------|-------|------|------|-------|------|------|------|-------|-------|-------|-------|------|-------|------|-------|-------|-------|------|
| 1    | 509  | 507  | 509  | 486   | 490 | 491  | 529   | 486  | 523  | 500   | 507  | 518  | 519  | 490   | 523   | 536   | 536   | 537  | 548   | 535  | 527   | 539   | 511   | 520  |
| 2    | 514  | 513  | 514  | 463   | 492 | 482  | 497   | 508  | 508  | 514   | 512  | 518  | 508  | 501   | 515   | 562   | 532   | 525  | 524   | 556  | 532   | 574   | 511   | 519  |
| 3    | 518  | 522  | 511  | 453   | 484 | 493  | 501   | 506  | 493  | 506   | 509  | 505  | 511  | 520   | 526   | (591) | 505   | 530  | 558   | 549  | 536   | 539   | 516   | 507  |
| 4    | 500  | 518  | 497  | 472   | 503 | 497  | 482   | 514  | 484  | 517   | 514  | 523  | 510  | 509   | 522   | 515   | 523   | 571  | 535   | 543  | 531   | 519   | 515   | 519  |
| 5    | 513  | 523  | 516  | 496   | 513 | 505  | 476   | 513  | 480  | 516   | 507  | 521  | 514  | 514   | 528   | 528   | 512   | 552  | 548   | 521  | 526   | 529   | 519   | 513  |
| 6    | 518  | 520  | 509  | 501   | 501 | 510  | 485   | 508  | 494  | 508   | 517  | 529  | 506  | 523   | 526   | 534   | 523   | 531  | 515   | 542  | 543   | 526   | 523   | 521  |
| 7    | 527  | 471  | 505  | (359) | 507 | 510  | 491   | 515  | 504  | 510   | 516  | 511  | 509  | 518   | 529   | (718) | 539   | 536  | 543   | 544  | 552   | 538   | 515   | 513  |
| 8    | 513  | 516  | 503  | 481   | 468 | 517  | 497   | 512  | 515  | 511   | 512  | 498  | 521  | 523   | 533   | 500   | (606) | 532  | 543   | 516  | 530   | 530   | 515   | 502  |
| 9    | 517  | 497  | 496  | 487   | 499 | 505  | 508   | 467  | 492  | 500   | 512  | 507  | 504  | 526   | 514   | 512   | 545   | 543  | 548   | 521  | (601) | 518   | 522   | 507  |
| 10   | 529  | 514  | 508  | 504   | 514 | 514  | 518   | 497  | 503  | 523   | 510  | 517  | 504  | 515   | 517   | 511   | (721) | 550  | 556   | 531  | 540   | 526   | 509   | 518  |
| 11   | 522  | 521  | 508  | 498   | 495 | 514  | 460   | 511  | 500  | 508   | 506  | 509  | 515  | 517   | 521   | 529   | 535   | 547  | 564   | 534  | 531   | 519   | 500   | 509  |
| 12   | 507  | 524  | 520  | 513   | 511 | 521  | (392) | 518  | 508  | 504   | 484  | 501  | 523  | 520   | 526   | 522   | 536   | 558  | 522   | 551  | 531   | 535   | 500   | 507  |
| 13   | 486  | 518  | 520  | 509   | 501 | 515  | 481   | 498  | 509  | 495   | 501  | 512  | 529  | 519   | 522   | 525   | 511   | 538  | 504   | 551  | 518   | 522   | 500   | 507  |
| 14   | 500  | 522  | 519  | 516   | 502 | 537  | 489   | 521  | 496  | 495   | 502  | 518  | 518  | 501   | 545   | 524   | 542   | 573  | (593) | 527  | 528   | 530   | 502   | 518  |
| 15   | 506  | 528  | 525  | 518   | 526 | 526  | 481   | 488  | 498  | 481   | 500  | 523  | 512  | 513   | 551   | 536   | 560   | 556  | 552   | 548  | 523   | 503   | 500   | 510  |
| 16   | 495  | 516  | 513  | 501   | 510 | 511  | 493   | 492  | 500  | 486   | 486  | 529  | 541  | 521   | 503   | 537   | 510   | 558  | 527   | 558  | 536   | 503   | 504   | 530  |
| 17   | 480  | 515  | 473  | 502   | 483 | 513  | 506   | 507  | 494  | 497   | 476  | 527  | 510  | 525   | 497   | 522   | 538   | 542  | 536   | 528  | 519   | 498   | (606) | 531  |
| 18   | 493  | 522  | 485  | 508   | 466 | 522  | 503   | 496  | 491  | 446   | 482  | 500  | 514  | 526   | 505   | 530   | 558   | 544  | 516   | 546  | 517   | (592) | (469) | 503  |
| 19   | 510  | 518  | 485  | 496   | 502 | 534  | 489   | 504  | 467  | (323) | 468  | 503  | 505  | 518   | 518   | 529   | 528   | 553  | 524   | 522  | 531   | 514   | 539   | 497  |
| 20   | 495  | 503  | 467  | 502   | 500 | 510  | 502   | 505  | 488  | 474   | 472  | 510  | 508  | 507   | (633) | 528   | 554   | 562  | 535   | 534  | 504   | 487   | 519   | 507  |
| 21   | 517  | 462  | 518  | 515   | 514 | 513  | 500   | 506  | 482  | 471   | 500  | 512  | 516  | 496   | 546   | 546   | 530   | 577  | 528   | 547  | 506   | 496   | 500   | 534  |
| 22   | 514  | 485  | 494  | 478   | 525 | 480  | 489   | 467  | 497  | 492   | 497  | 505  | 520  | 514   | 508   | 527   | 536   | 593  | 551   | 552  | 511   | 508   | 500   | 501  |
| 23   | 505  | 467  | 488  | 513   | 508 | 517  | 506   | 504  | 502  | 491   | 470  | 505  | 526  | (584) | 527   | 549   | 537   | 542  | 546   | 531  | 507   | 554   | 483   | 513  |
| 24   | 498  | 473  | 483  | 511   | 518 | 510  | 457   | 506  | 495  | 479   | 500  | 524  | 507  | 509   | 482   | 531   | 543   | 541  | 518   | 552  | 511   | 494   | 517   | 515  |
| 25   | 493  | 461  | 490  | 508   | 487 | 508  | 467   | 508  | 506  | 488   | 512  | 501  | 501  | 504   | (585) | 512   | 547   | 560  | 541   | 545  | 520   | 567   | 509   | 522  |
| 26   | 504  | 476  | 497  | 510   | 498 | 50   |       |      |      |       |      |      |      |       |       |       |       |      |       |      |       |       |       |      |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1849 | Jan. | Feb. | Marz | Apr. | May   | June | July  | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-------|------|-------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|
| 1    | 521  | 523  | 494  | 509  | 521   | 527  | 510   | 494  | 529  | 537  | 547  | 543  | 525  | 516  | 500  | 550  | 518 | 551  | 538  | 574  | 557  | 550  | 555  | 569  |
| 2    | 523  | 516  | 500  | 496  | 526   | 531  | 506   | 518  | 529  | 537  | 550  | 540  | 515  | 521  | 504  | 509  | 537 | 566  | 526  | 575  | 559  | 566  | 561  | 551  |
| 3    | 520  | 524  | 504  | 493  | 522   | 538  | 515   | 522  | 522  | 540  | 560  | 541  | 508  | 521  | 506  | 553  | 543 | 581  | 531  | 553  | 548  | 555  | 569  | 550  |
| 4    | 523  | 530  | 510  | 500  | 518   | 511  | 497   | 528  | 495  | 530  | 559  | 549  | 514  | 506  | 523  | 531  | 538 | 545  | 534  | 562  | 576  | 553  | 565  | 551  |
| 5    | 496  | 532  | 497  | 475  | 511   | 516  | 490   | 530  | 538  | 533  | 557  | 555  | 517  | 532  | 514  | 509  | 524 | 550  | 565  | 559  | 576  | 548  | 570  | 553  |
| 6    | 508  | 537  | 520  | 491  | 500   | 504  | 513   | 532  | 544  | 560  | 566  | 559  | 514  | 526  | 516  | 522  | 542 | 559  | 573  | 562  | 573  | 560  | 575  | 554  |
| 7    | 515  | 531  | 516  | 500  | 507   | 520  | 500   | 517  | 540  | 542  | 555  | 563  | 519  | 518  | 530  | 521  | 555 | 542  | 551  | 571  | 572  | 556  | 586  | 558  |
| 8    | 478  | 535  | 518  | 490  | 510   | 498  | 519   | 528  | 536  | 509  | 557  | 546  | 512  | 532  | 543  | 515  | 530 | 542  | 556  | 566  | 566  | 542  | 578  | 561  |
| 9    | 483  | 534  | 517  | 510  | 491   | 483  | 507   | 538  | 549  | 533  | 554  | 561  | 524  | 531  | 547  | 526  | 543 | 530  | 565  | 567  | 567  | 548  | 561  | 561  |
| 10   | 488  | 538  | 511  | 495  | 500   | 486  | 505   | 520  | 548  | 531  | 559  | 557  | 525  | 525  | 532  | 434  | 432 | 536  | 536  | 540  | 569  | 551  | 575  | 549  |
| 11   | 503  | 536  | 506  | 495  | 508   | 503  | 508   | 526  | 527  | 551  | 570  | 562  | 538  | 540  | 527  | 513  | 532 | 541  | 548  | 550  | 562  | 552  | 553  | 559  |
| 12   | 504  | 535  | 524  | 491  | 521   | 486  | 507   | 521  | 553  | 525  | 546  | 558  | 518  | 526  | 536  | 514  | 579 | 564  | 550  | 559  | 520  | 538  | 543  | 551  |
| 13   | 513  | 538  | 521  | 491  | 485   | 506  | 519   | 537  | 511  | 533  | 554  | 550  | 518  | 520  | 510  | 515  | 523 | 579  | 514  | 602  | 562  | 552  | 576  | 557  |
| 14   | 535  | 532  | 514  | 474  | 508   | 482  | 503   | 502  | 536  | 520  | 549  | 550  | 548  | 525  | 525  | 522  | 533 | 562  | 546  | 556  | 586  | 550  | 552  | 551  |
| 15   | 501  | 518  | 514  | 495  | 513   | 492  | 516   | 518  | 536  | 490  | 547  | 550  | 536  | 524  | 522  | 536  | 549 | 530  | 516  | 560  | 561  | 543  | 556  | 558  |
| 16   | 508  | 547  | 508  | 507  | 517   | 492  | 497   | 528  | 545  | 531  | 559  | 558  | 526  | 529  | 515  | 523  | 584 | 546  | 543  | 556  | 578  | 532  | 562  | 558  |
| 17   | 507  | 519  | 511  | 481  | (789) | 520  | 517   | 516  | 534  | 527  | 557  | 560  | 500  | 534  | 544  | 512  | 511 | 556  | 544  | 548  | 557  | 552  | 561  | 569  |
| 18   | 506  | 527  | 485  | 486  | 511   | 509  | 528   | 503  | 537  | 539  | 559  | 564  | 519  | 524  | 513  | 510  | 523 | 503  | 552  | 549  | 557  | 546  | 562  | 570  |
| 19   | 509  | 526  | 490  | 507  | 498   | 508  | 513   | 518  | 510  | 540  | 554  | 563  | 531  | 530  | 542  | 511  | 531 | 562  | 549  | 550  | 553  | 546  | 531  | 565  |
| 20   | 512  | 511  | 501  | 493  | 515   | 500  | 504   | 517  | 536  | 550  | 554  | 571  | 537  | 513  | 526  | 519  | 532 | 541  | 550  | 539  | 553  | 544  | 536  | 557  |
| 21   | 520  | 505  | 493  | 502  | 473   | 513  | 520   | 511  | 496  | 547  | 556  | 549  | 529  | 522  | 518  | 529  | 539 | 540  | 548  | 528  | 578  | 567  | 553  | 544  |
| 22   | 533  | 512  | 493  | 503  | 481   | 514  | 542   | 509  | 543  | 502  | 532  | 531  | 540  | 509  | 520  | 519  | 529 | 530  | 538  | 543  | 560  | 598  | 548  | 540  |
| 23   | 529  | 495  | 507  | 494  | 520   | 502  | (450) | 500  | 543  | 527  | 555  | 547  | 533  | 497  | 538  | 523  | 544 | 532  | 535  | 539  | 553  | 541  | 548  | 546  |
| 24   | 524  | 509  | 500  | 490  | 510   | 509  | 461   | 515  | 542  | 542  | 564  | 554  | 523  | 506  | 532  | 519  | 553 | 537  | 546  | 554  | 575  | 546  | 546  | 561  |
| 25   | 514  | 504  | 477  | 487  | 524   | 529  | 504   | 532  | 526  | 500  | 545  | 547  | 514  | 505  | 531  | 513  | 551 | 540  | 535  | 551  | 561  | 551  | 549  | 556  |
| 26   | 528  | 507  | 489  | 496  | 514   | 507  | 511   | 518  | 539  | 511  | 545  | 557  | 529  | 502  | 513  | 518  | 558 | 548  | 548  | 546  | 547  | 549  | 554  | 557  |
| 27   | 517  | 502  | 489  | 502  | 517   | 511  | 527   | 527  | 530  | 545  | 516  | 559  | 524  | 505  | 511  | 519  | 547 | 562  | 555  | 569  | 545  | 545  | 540  | 556  |
| 28   | 525  | 473  | 494  | 506  | 530   | 495  | 528   | 519  | 537  | 550  | 529  | 570  | 518  | 483  | 511  | 543  | 547 | 549  | 571  | 569  | 549  | 545  | 537  | 578  |
| 29   | 546  |      | 510  | 514  | 426   | 510  | 536   | 526  | 526  | 541  | 533  | 565  | 528  |      | 526  | 522  | 557 | 547  | 553  | 554  | 549  | 550  | 533  | 572  |
| 30   | 530  |      | 494  | 517  | 531   | 520  | 521   | 542  | 520  | 547  | 497  | 556  | 568  |      | 555  | 533  | 537 | 575  | 540  | 550  | 541  | 566  | 515  | 558  |
| 31   | 522  |      | 494  |      | 516   |      | 525   | 523  |      | 530  |      | 558  | 519  |      | 520  |      | 546 |      | 550  | 551  |      | 554  |      | 564  |
| Mean | 514  | 521  | 503  | 496  | 511   | 507  | 512   | 520  | 532  | 532  | 550  | 555  | 525  | 519  | 531  | 523  | 541 | 548  | 545  | 557  | 560  | 551  | 555  | 559  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1850 | Jan. | Feb. | Marz  | Apr. | May | June | July  | Aug.  | Sep. | Oct. | Nov. | Dec. | Jan. | Feb.  | Marz  | Apr. | May | June  | July  | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|-------|------|-----|------|-------|-------|------|------|------|------|------|-------|-------|------|-----|-------|-------|------|------|------|------|------|
| 1    | 570  | 551  | 556   | 548  | 549 | 571  | 558   | 559   | 532  | 489  | 540  | 551  | 567  | 560   | 598   | 511  | 559 | 601   | 560   | 592  | 562  | 592  | 551  | 549  |
| 2    | 575  | 525  | 540   | 537  | 558 | 581  | 549   | 518   | 525  | 583  | 546  | 553  | 552  | 570   | 563   | 548  | 571 | 600   | 535   | 576  | 572  | 529  | 554  | 557  |
| 3    | 563  | 552  | 554   | 516  | 565 | 542  | 548   | 525   | 533  | 528  | 541  | 564  | 570  | 542   | 568   | 545  | 563 | 606   | 570   | 583  | 569  | 554  | 549  | 577  |
| 4    | 567  | 544  | 556   | 528  | 533 | 547  | 552   | 551   | 517  | 530  | 552  | 564  | 571  | 560   | 575   | 536  | 574 | 612   | 600   | 580  | 568  | 563  | 565  | 561  |
| 5    | 550  | 550  | 542   | 531  | 538 | 563  | 553   | 546   | 517  | 529  | 550  | 564  | 569  | 556   | 556   | 547  | 573 | 605   | 591   | 588  | 569  | 561  | 564  | 561  |
| 6    | 561  | 569  | 552   | 533  | 534 | 573  | 552   | 553   | 506  | 531  | 555  | 560  | 557  | 574   | 567   | 571  | 569 | (656) | 583   | 578  | 583  | 550  | 567  | 571  |
| 7    | 565  | 552  | 564   | 521  | 540 | 557  | 539   | 559   | 516  | 524  | 549  | 565  | 573  | 554   | 566   | 588  | 571 | 596   | 591   | 595  | 536  | 544  | 541  | 567  |
| 8    | 564  | 564  | 557   | 513  | 512 | 559  | 539   | 545   | 518  | 529  | 547  | 585  | 569  | 581   | 549   | 528  | 598 | 584   | 596   | 581  | 553  | 553  | 549  | 555  |
| 9    | 571  | 552  | 557   | 512  | 536 | 570  | 515   | 556   | 519  | 520  | 567  | 571  | 560  | 561   | 581   | 543  | 548 | 610   | (654) | 584  | 554  | 555  | 558  | 568  |
| 10   | 564  | 565  | 523   | 506  | 545 | 558  | 526   | 535   | 531  | 545  | 563  | 571  | 571  | 558   | 567   | 550  | 567 | 584   | 583   | 573  | 567  | 549  | 562  | 568  |
| 11   | 567  | 566  | 518   | 526  | 512 | 565  | 546   | 556   | 532  | 544  | 549  | 570  | 569  | 569   | 575   | 548  | 577 | 590   | 610   | 565  | 552  | 544  | 543  | 580  |
| 12   | 572  | 570  | 530   | 531  | 531 | 554  | (312) | 555   | 510  | 550  | 556  | 565  | 570  | 569   | 554   | 540  | 566 | 590   | 582   | 570  | 553  | 549  | 567  | 565  |
| 13   | 562  | 555  | 529   | 543  | 542 | 562  | 524   | 555   | 538  | 533  | 551  | 564  | 560  | 562   | 559   | 546  | 608 | 594   | 564   | 591  | 595  | 540  | 559  | 568  |
| 14   | 566  | 545  | 527   | 540  | 527 | 540  | 536   | 549   | 546  | 542  | 549  | 567  | 568  | 560   | 541   | 535  | 578 | 624   | 589   | 580  | 557  | 555  | 559  | 566  |
| 15   | 568  | 553  | 539   | 545  | 528 | 530  | 559   | 560   | 533  | 552  | 550  | 574  | 573  | 562   | 551   | 550  | 559 | 574   | 567   | 600  | 568  | 559  | 555  | 578  |
| 16   | 544  | 566  | 541   | 531  | 536 | 541  | 551   | 568   | 588  | 546  | 565  | 567  | 568  | 564   | 544   | 555  | 577 | 567   | (632) | 590  | 570  | 549  | 549  | 568  |
| 17   | 566  | 571  | 533   | 547  | 543 | 551  | 543   | 555   | 528  | 532  | 541  | 582  | 569  | 562   | 539   | 547  | 572 | 570   | 580   | 596  | 564  | 565  | 541  | 569  |
| 18   | 581  | 562  | 527   | 540  | 539 | 558  | 555   | 538   | 530  | 533  | 548  | 545  | 571  | 570   | 538   | 555  | 572 | 588   | 580   | 582  | 566  | 548  | 548  | 553  |
| 19   | 565  | 564  | 536   | 533  | 549 | 535  | 559   | 542   | 551  | 536  | 554  | 551  | 554  | 563   | 561   | 578  | 570 | 606   | 498   | 584  | 559  | 548  | 555  | 560  |
| 20   | 545  | 560  | 535   | 540  | 547 | 548  | 565   | 545   | 542  | 536  | 561  | 552  | 548  | 587   | 562   | 542  | 563 | 568   | 598   | 574  | 571  | 553  | 560  | 562  |
| 21   | 546  | 571  | 538   | 535  | 543 | 540  | 550   | 559   | 532  | 533  | 559  | 562  | 542  | 581   | 528   | 555  | 622 | 594   | 569   | 579  | 561  | 552  | 557  | 563  |
| 22   | 560  | 563  | 532   | 553  | 566 | 551  | 592   | 552   | 545  | 529  | 550  | 561  | 556  | 561   | 556   | 578  | 598 | 604   | 576   | 579  | 563  | 563  | 568  | 571  |
| 23   | 554  | 555  | 541   | 553  | 564 | 544  | 557   | 560   | 543  | 532  | 552  | 565  | 594  | (634) | 549   | 563  | 592 | 598   | 570   | 562  | 560  | 553  | 562  | 571  |
| 24   | 553  | 521  | 539   | 549  | 587 | 555  | 537   | 537   | 532  | 531  | 552  | 560  | 568  | 543   | 539   | 566  | 615 | 593   | 592   | 578  | 556  | 555  | 564  | 578  |
| 25   | 550  | 532  | (445) | 559  | 567 | 556  | 540   | 540   | 544  | 530  | 563  | 565  | 577  | 559   | (503) | 561  | 594 | 598   | 554   | 575  | 549  | 534  | 558  | 572  |
| 26   | 551  | 547  | 500   | 556  | 553 | 553  | 542   | 541</ |      |      |      |      |      |       |       |      |     |       |       |      |      |      |      |      |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1851 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep.  | Oct.  | Nov. | Dec. | Jan. | Feb. | Marz  | Apr. | May   | June  | July  | Aug.  | Sep.  | Oct.  | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|-------|-------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|------|------|
| 1    | 575  | 573  | 557  | 566  | 592 | 586  | 594  | 593  | 566   | 534   | 553  | 561  | 572  | 580  | 576   | 588  | 613   | 517   | 622   | 634   | (644) | 567   | 566  | 577  |
| 2    | 569  | 562  | 563  | 559  | 544 | 586  | 602  | 600  | 564   | 530   | 557  | 564  | 570  | 579  | 567   | 594  | 580   | 602   | 618   | 619   | 636   | 590   | 570  | 573  |
| 3    | 574  | 583  | 563  | 570  | 568 | 615  | 615  | 610  | 600   | 537   | 562  | 574  | 578  | 556  | 574   | 592  | 602   | 593   | 613   | 635   | 549   | 568   | 582  |      |
| 4    | 570  | 573  | 561  | 581  | 571 | 582  | 569  | 555  | (456) | 533   | 556  | 573  | 582  | 575  | 572   | 575  | 582   | 618   | 611   | 627   | (643) | 568   | 559  | 576  |
| 5    | 575  | 577  | 563  | 574  | 576 | 589  | 588  | 597  | 552   | 543   | 559  | 572  | 583  | 575  | 578   | 574  | 585   | 612   | 606   | 611   | 567   | 551   | 563  | 577  |
| 6    | 571  | 564  | 565  | 530  | 587 | 581  | 595  | 590  | 557   | 558   | 565  | 580  | 582  | 564  | 579   | 585  | 587   | 622   | 619   | 634   | 601   | 574   | 567  | 575  |
| 7    | 578  | 561  | 565  | 569  | 578 | 551  | 601  | 578  | (331) | 562   | 560  | 556  | 579  | 567  | 569   | 593  | 601   | 597   | 598   | 657   | (953) | 578   | 569  | 560  |
| 8    | 575  | 565  | 574  | 569  | 558 | 559  | 583  | 598  | 559   | 557   | 559  | 544  | 576  | 572  | 575   | 590  | 645   | 580   | 616   | 648   | 593   | 555   | 562  | 555  |
| 9    | 569  | 573  | 572  | 584  | 578 | 610  | 580  | 607  | 511   | 571   | 566  | 563  | 575  | 576  | 585   | 586  | 595   | 622   | 606   | 649   | 575   | 566   | 575  | 580  |
| 10   | 567  | 571  | 578  | 579  | 580 | 580  | 585  | 606  | 531   | 541   | 566  | 564  | 577  | 572  | 587   | 589  | 630   | 608   | 601   | 622   | 553   | 570   | 574  | 584  |
| 11   | 573  | 561  | 558  | 586  | 581 | 574  | 593  | 582  | 548   | 565   | 581  | 578  | 580  | 584  | 571   | 587  | 604   | 604   | 614   | 615   | 581   | 562   | 587  | 551  |
| 12   | 557  | 571  | 561  | 591  | 576 | 580  | 575  | 590  | (504) | 569   | 572  | 574  | 572  | 584  | 579   | 578  | 596   | 602   | 622   | 598   | 575   | 586   | 580  | 575  |
| 13   | 565  | 578  | 568  | 567  | 580 | 564  | 594  | 580  | 533   | 566   | 573  | 562  | 584  | 580  | 580   | 587  | 610   | 615   | 643   | 621   | 564   | 578   | 577  | 577  |
| 14   | 569  | 571  | 574  | 560  | 591 | 562  | 593  | 587  | 550   | 568   | 568  | 568  | 578  | 583  | 593   | 577  | 606   | 607   | 612   | 613   | 569   | 579   | 580  | 574  |
| 15   | 564  | 584  | 550  | 576  | 574 | 562  | 586  | 593  | 571   | 567   | 575  | 569  | 583  | 585  | 588   | 578  | 593   | 608   | 626   | 625   | 575   | 576   | 588  | 579  |
| 16   | 566  | 566  | 572  | 562  | 587 | 581  | 560  | 593  | 557   | 584   | 566  | 561  | 600  | 589  | 581   | 588  | (684) | 611   | 617   | 627   | 576   | 585   | 575  | 583  |
| 17   | 561  | 588  | 570  | 561  | 575 | 567  | 576  | 593  | 552   | 573   | 574  | 574  | 565  | 590  | 586   | 601  | 526   | 607   | 614   | 612   | 582   | 574   | 577  | 575  |
| 18   | 548  | 583  | 572  | 562  | 590 | 558  | 582  | 597  | 550   | 565   | 564  | 578  | 562  | 582  | 591   | 589  | 596   | 612   | 613   | 611   | 582   | 588   | 571  | 582  |
| 19   | 572  | 531  | 567  | 578  | 596 | 577  | 580  | 588  | 554   | 567   | 563  | 579  | 582  | 576  | 590   | 576  | 604   | 605   | 610   | 637   | 579   | 549   | 570  | 572  |
| 20   | 555  | 584  | 592  | 558  | 596 | 570  | 589  | 584  | 554   | 561   | 580  | 574  | 619  | 567  | 612   | 598  | 627   | 620   | 618   | 623   | 560   | 580   | 565  | 568  |
| 21   | 539  | 570  | 566  | 564  | 597 | 597  | 600  | 585  | 535   | 550   | 569  | 574  | 553  | 570  | 594   | 603  | 628   | 591   | 617   | 612   | 574   | 589   | 609  | 588  |
| 22   | 565  | 564  | 563  | 586  | 592 | 584  | 591  | 582  | 571   | 569   | 532  | 580  | 586  | 571  | 595   | 595  | 629   | 618   | 627   | 630   | 578   | 557   | 572  | 591  |
| 23   | 560  | 567  | 579  | 584  | 590 | 591  | 600  | 600  | 566   | 550   | 532  | 558  | 556  | 581  | (532) | 611  | 643   | 601   | 648   | 667   | 582   | 574   | 562  | 581  |
| 24   | 559  | 572  | 573  | 560  | 600 | 583  | 566  | 600  | 560   | 527   | 534  | 580  | 569  | 594  | 590   | 606  | 613   | 620   | 644   | 613   | 578   | 554   | 555  | 576  |
| 25   | 565  | 561  | 573  | 587  | 565 | 597  | 600  | 573  | 563   | 552   | 560  | 562  | 563  | 576  | 589   | 588  | 587   | 612   | 633   | 598   | 576   | 590   | 562  | 562  |
| 26   | 569  | 567  | 561  | 574  | 581 | 596  | 611  | 570  | 555   | 565   | 569  | 567  | 571  | 584  | 577   | 602  | 617   | 624   | (660) | 612   | 594   | 569   | 561  | 581  |
| 27   | 569  | 558  | 571  | 592  | 595 | 597  | 584  | 570  | 560   | 558   | 580  | 573  | 569  | 569  | 585   | 604  | 505   | 434   | 601   | 621   | 598   | 566   | 575  | 584  |
| 28   | 572  | 561  | 567  | 602  | 577 | 589  | 580  | 570  | 515   | 560   | 576  | 522  | 577  | 583  | 570   | 613  | 601   | 627   | 613   | 607   | 577   | 570   | 577  | 530  |
| 29   | 561  |      | 562  | 593  | 586 | 581  | 612  | 583  | 537   | (483) | 593  | 569  | 572  |      | 591   | 593  | 603   | (659) | 625   | 640   | 602   | (520) | 582  | 557  |
| 30   | 564  |      | 561  | 580  | 578 | 588  | 583  | 566  | (487) | 533   | 571  | 520  | 571  |      | 588   | 598  | 625   | 566   | 627   | 607   | 574   | 532   | 584  | 578  |
| 31   | 562  |      | 561  | 573  | 591 | 537  | 591  | 537  |       | 548   |      | 577  | 573  |      | 587   |      | 610   |       | 615   | (692) | 550   |       | 576  | 576  |
| Mean | 566  | 569  | 567  | 573  | 581 | 581  | 589  | 586  | 553   | 555   | 564  | 566  | 576  | 577  | 583   | 591  | 608   | 609   | 618   | 623   | 583   | 569   | 573  | 573  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1852 | Jan.  | Feb.  | Marz | Apr.  | May   | June | July | Aug. | Sep. | Oct.  | Nov. | Dec. | Jan. | Feb.  | Marz | Apr.  | May   | June | July | Aug. | Sep.  | Oct. | Nov. | Dec. |
|------|-------|-------|------|-------|-------|------|------|------|------|-------|------|------|------|-------|------|-------|-------|------|------|------|-------|------|------|------|
| 1    | 565   | 578   | 573  | 548   | 562   | 600  | 624  | 602  | 521  | 583   | 595  | 611  | 574  | 556   | 613  | 530   | 595   | 602  | 623  | 630  | (686) | 625  | 619  | 603  |
| 2    | 574   | 571   | 572  | 552   | 554   | 594  | 602  | 595  | 608  | 588   | 573  | 612  | 579  | 582   | 582  | 561   | 649   | 609  | 634  | 630  | 633   | 630  | 607  | 617  |
| 3    | 567   | 580   | 566  | 536   | 551   | 595  | 601  | 594  | 606  | 616   | 593  | 584  | 590  | 578   | 588  | 603   | 593   | 598  | 655  | 620  | 639   | 645  | 597  | 588  |
| 4    | 568   | 580   | 570  | 549   | 572   | 586  | 585  | 595  | 613  | 571   | 563  | 616  | 586  | 581   | 600  | 601   | 618   | 624  | 632  | 634  | 642   | 613  | 609  | 628  |
| 5    | 566   | 575   | 561  | 539   | 582   | 608  | 593  | 612  | 617  | (632) | 587  | 614  | 591  | 587   | 601  | 622   | 614   | 621  | 616  | 629  | 648   | 630  | 583  | 620  |
| 6    | 571   | 576   | 567  | 539   | 580   | 587  | 608  | 598  | 605  | 584   | 597  | 613  | 585  | 601   | 594  | 592   | 612   | 609  | 628  | 635  | 646   | 515  | 595  | 649  |
| 7    | 575   | 569   | 548  | 557   | 564   | 594  | 614  | 604  | 595  | 594   | 679  | 611  | 583  | 595   | 589  | 588   | 601   | 653  | 639  | 630  | 646   | 619  | 596  | 600  |
| 8    | 571   | 572   | 537  | 563   | 576   | 608  | 631  | 594  | 590  | 592   | 607  | 618  | 587  | 565   | 625  | 597   | 610   | 622  | 627  | 636  | 650   | 623  | 608  | 629  |
| 9    | 575   | 568   | 575  | 570   | 582   | 606  | 620  | 605  | 603  | 582   | 611  | 615  | 588  | 582   | 581  | 602   | 631   | 622  | 642  | 631  | 670   | 620  | 606  | 607  |
| 10   | 574   | 574   | 553  | 580   | 596   | 605  | 585  | 615  | 573  | 592   | 616  | 606  | 580  | 574   | 576  | 577   | 609   | 635  | 677  | 652  | 646   | 631  | 622  | 602  |
| 11   | 567   | 571   | 576  | 534   | 597   | 598  | 607  | 600  | 583  | 595   | 603  | 595  | 554  | 571   | 590  | 570   | 616   | 630  | 640  | 655  | 622   | 630  | 613  | 621  |
| 12   | 566   | 585   | 598  | 555   | 601   | 557  | 608  | 598  | 617  | 602   | 566  | 616  | 513  | 572   | 585  | 595   | 600   | 623  | 628  | 647  | 610   | 616  | 594  | 622  |
| 13   | 580   | 585   | 569  | 542   | 596   | 589  | 601  | 610  | 610  | 605   | 578  | 618  | 580  | 571   | 590  | 601   | 614   | 615  | 635  | 649  | 617   | 600  | 600  | 629  |
| 14   | 571   | 565   | 558  | 548   | 582   | 594  | 593  | 600  | 596  | 595   | 552  | 610  | 572  | 584   | 574  | 589   | 634   | 614  | 631  | 609  | 628   | 604  | 609  | 600  |
| 15   | 580   | 598   | 567  | 563   | 600   | 596  | 589  | 611  | 596  | 600   | 602  | 605  | 580  | 589   | 582  | 626   | 615   | 610  | 637  | 648  | 617   | 614  | 601  | 602  |
| 16   | 577   | 545   | 574  | 561   | 604   | 583  | 624  | 612  | 591  | 591   | 601  | 598  | 577  | (662) | 616  | (538) | 617   | 662  | 647  | 642  | 637   | 608  | 611  | 596  |
| 17   | 585   | 541   | 563  | 565   | 596   | 594  | 595  | 616  | 600  | 602   | 595  | 604  | 586  | 609   | 606  | 610   | 612   | 623  | 628  | 646  | 656   | 625  | 592  | 598  |
| 18   | 572   | (161) | 575  | 531   | 622   | 600  | 579  | 597  | 602  | 578   | 595  | 604  | 532  | (849) | 576  | 593   | 617   | 621  | 632  | 643  | 605   | 603  | 595  | 605  |
| 19   | 578   | (526) | 672  | 572   | 603   | 607  | 604  | 615  | 569  | 546   | 610  | 588  | 584  | (758) | 605  | 592   | 657   | 626  | 637  | 630  | 623   | 605  | 614  | 598  |
| 20   | (503) | 603   | 570  | 559   | (502) | 605  | 600  | 608  | 548  | 546   | 615  | 588  | 606  | (849) | 602  | (655) | (686) | 635  | 621  | 624  | 643   | 601  | 607  | 604  |
| 21   | 548   | 545   | 567  | (463) | 549   | 606  | 607  | 605  | 580  | 547   | 607  | 600  | 557  | (640) | 589  | (690) | 608   | 628  | 627  | 635  | 601   | 594  | 617  | 608  |
| 22   | 568   | 553   | 572  | 548   | 590   | 613  | 614  | 614  | 544  | 565   | 615  | 610  | 577  | 600   | 577  | 593   | 629   | 620  | 620  | 638  | 637   | 598  | 621  | 613  |
| 23   | 563   | 565   | 579  | 512   | 582   | 571  | 602  | 611  | 587  | 581   | 617  | 603  | 571  | 583   | 580  | 579   | 631   | 634  | 639  | 647  | 623   | 591  | 629  | 609  |
| 24   | 569   | 562   | 577  | 536   | 588   | 608  | 615  | 615  | 605  | 585   | 617  | 595  | 563  | 583   | 586  | 597   | 656   | 630  | 636  | 678  | 630   | 588  | 610  | 596  |
| 25   | 586   | 573   | 577  | 566   | 603   | 616  | 605  | 588  | 591  | 589   | 616  | 596  | 579  | 563   | 589  | 583   | 612   | 644  | 647  | 617  | 609   | 598  | 616  | 603  |
| 26   | 557   | 584   | 586  | 557   | 597   | 620  | 585  | 549  | 591  | 598   | 613  | 611  | 577  | 577   |      |       |       |      |      |      |       |      |      |      |



9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1853 | Jan. | Feb. | Marz | Apr. | May | June  | July | Aug.  | Sep.  | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr.  | May   | June  | July  | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|-------|------|-------|-------|------|------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|------|
| 1    | 611  | 615  | 602  | 601  | 623 | 624   | 610  | 602   | 620   | 610  | 622  | 648  | 607  | 598  | 625  | 626   | 648   | (693) | 659   | 656  | 658  | 621  | 626  | 653  |
| 2    | 606  | 594  | 612  | 582  | 627 | (500) | 613  | 605   | (539) | 613  | 632  | 647  | 596  | 595  | 634  | 616   | 626   | (801) | 666   | 639  | 669  | 650  | 641  | 635  |
| 3    | 611  | 611  | 617  | 615  | 628 | 605   | 583  | 619   | (546) | 614  | 627  | 638  | 612  | 605  | 632  | 627   | 629   | 640   | 641   | 673  | 656  | 634  | 639  | 645  |
| 4    | 628  | 605  | 610  | 606  | 570 | 604   | 615  | 622   | (550) | 619  | 637  | 652  | 640  | 610  | 620  | 618   | (698) | 606   | 648   | 652  | 668  | 646  | 629  | 648  |
| 5    | 616  | 598  | 605  | 615  | 562 | 602   | 608  | 619   | 610   | 635  | 633  | 674  | 623  | 603  | 632  | 600   | 654   | 651   | 653   | 659  | 648  | 635  | 641  | 637  |
| 6    | 620  | 604  | 592  | 585  | 593 | 622   | 610  | 629   | 607   | 639  | 637  | 643  | 583  | 588  | 623  | (696) | 639   | 657   | 652   | 661  | 642  | 651  | 645  | 656  |
| 7    | 620  | 605  | 611  | 605  | 604 | 610   | 620  | 646   | 606   | 640  | 643  | 620  | 622  | 611  | 631  | 635   | 671   | 660   | 673   | 648  | 638  | 641  | 636  | 624  |
| 8    | 593  | 595  | 565  | 592  | 592 | 620   | 636  | 633   | 614   | 632  | 655  | 620  | 633  | 607  | 627  | (688) | 639   | 644   | 662   | 656  | 632  | 642  | 653  | 626  |
| 9    | 627  | 608  | 605  | 598  | 586 | 610   | 639  | 628   | 611   | 610  | 640  | 621  | 630  | 609  | 659  | 672   | 624   | 678   | 651   | 643  | 640  | 638  | 658  | 633  |
| 10   | 612  | 616  | 586  | 568  | 618 | 615   | 627  | 630   | 619   | 638  | 626  | 626  | 619  | 617  | 641  | 626   | 642   | 642   | 628   | 651  | 652  | 644  | 642  | 633  |
| 11   | 612  | 611  | 590  | 594  | 611 | 614   | 611  | 612   | 631   | 617  | 616  | 634  | 615  | 604  | 664  | 617   | 643   | 651   | 648   | 658  | 648  | 644  | 622  | 644  |
| 12   | 621  | 612  | 572  | 588  | 633 | 625   | 615  | 623   | 623   | 629  | 632  | 635  | 627  | 609  | 627  | 627   | 648   | 672   | (711) | 656  | 652  | 606  | 637  | 634  |
| 13   | 628  | 607  | 567  | 593  | 624 | 614   | 591  | 620   | 627   | 622  | 633  | 635  | 609  | 610  | 642  | 624   | 643   | 652   | 639   | 664  | 653  | 632  | 624  | 658  |
| 14   | 617  | 610  | 596  | 596  | 618 | 582   | 594  | 636   | 631   | 637  | 626  | 625  | 633  | 598  | 628  | 607   | 630   | (731) | 625   | 650  | 647  | 639  | 646  | 626  |
| 15   | 646  | 634  | 616  | 600  | 618 | 576   | 606  | 610   | 641   | 615  | 641  | 626  | 618  | 593  | 635  | 608   | 630   | 646   | (702) | 642  | 652  | 630  | 648  | 629  |
| 16   | 612  | 613  | 619  | 594  | 634 | 608   | 610  | 628   | 621   | 625  | 636  | 632  | 627  | 610  | 624  | 619   | 625   | 656   | 637   | 651  | 649  | 649  | 639  | 624  |
| 17   | 619  | 619  | 623  | 621  | 621 | 611   | 614  | 633   | 643   | 629  | 623  | 632  | 630  | 625  | 636  | 636   | 639   | 665   | 633   | 645  | 648  | 656  | 616  | 631  |
| 18   | 621  | 607  | 611  | 603  | 621 | 618   | 618  | 614   | 633   | 634  | 641  | 632  | 635  | 604  | 631  | 616   | 640   | 644   | 628   | 655  | 651  | 662  | 642  | 626  |
| 19   | 578  | 617  | 600  | 607  | 620 | 617   | 616  | 623   | 601   | 634  | 640  | 635  | 606  | 616  | 611  | 628   | 665   | 620   | 648   | 674  | 631  | 660  | 637  | 634  |
| 20   | 600  | 627  | 598  | 604  | 618 | 610   | 622  | 604   | 610   | 637  | 638  | 635  | 619  | 643  | 607  | 618   | 648   | 674   | 660   | 676  | 679  | 632  | 622  | 633  |
| 21   | 613  | 619  | 595  | 610  | 620 | 619   | 610  | 613   | 617   | 626  | 648  | 654  | 614  | 640  | 607  | 617   | 655   | 630   | 641   | 691  | 635  | 629  | 654  | 635  |
| 22   | 612  | 605  | 612  | 595  | 623 | 618   | 606  | (567) | 604   | 615  | 646  | 624  | 612  | 633  | 616  | (686) | 638   | 658   | 661   | 673  | 641  | 641  | 632  | 645  |
| 23   | 610  | 607  | 601  | 600  | 617 | 589   | 600  | 613   | 610   | 622  | 630  | 644  | 620  | 607  | 620  | 606   | (713) | 644   | 691   | 661  | 646  | 640  | 638  | 648  |
| 24   | 608  | 614  | 596  | 612  | 608 | 605   | 598  | 602   | 616   | 630  | 640  | 621  | 621  | 618  | 610  | 624   | 651   | 644   | 659   | 660  | 643  | 643  | 634  | 640  |
| 25   | 623  | 644  | 586  | 594  | 601 | 606   | 614  | 617   | 623   | 613  | 633  | 635  | 610  | 629  | 610  | 612   | (695) | 643   | 655   | 650  | 649  | 631  | 647  | 634  |
| 26   | 616  | 619  | 589  | 617  | 587 | 605   | 625  | 621   | 613   | 622  | 633  | 641  | 617  | 632  | 635  | 632   | 628   | 636   | 640   | 652  | 626  | 664  | 646  | 646  |
| 27   | 615  | 620  | 600  | 616  | 603 | 610   | 607  | 600   | 616   | 638  | 642  | 637  | 613  | 634  | 612  | 633   | 644   | 645   | 633   | 666  | 622  | 634  | 648  | 643  |
| 28   | 616  | 612  | 608  | 618  | 586 | (540) | 606  | 593   | 614   | 637  | 639  | 637  | 611  | 633  | 605  | 623   | 625   | 637   | 637   | 646  | 616  | 646  | 644  | 651  |
| 29   | 608  |      | 610  | 635  | 614 | 580   | 605  | 619   | 595   | 649  | 635  | 620  | 616  |      | 616  | 641   | 666   | 635   | 642   | 655  | 621  | 648  | 641  | 634  |
| 30   | 614  |      | 619  | 610  | 619 | 606   | 604  | 617   | 611   | 659  | 642  | 641  | 618  |      | 592  | 651   | 636   | 638   | 646   | 662  | 626  | 678  | 644  | 636  |
| 31   | 606  |      | 607  |      | 620 |       | 603  | 605   |       | 640  |      | 647  | 610  |      | 615  |       | 670   |       | 652   | 663  | 680  |      |      | 625  |
| Mean | 614  | 612  | 601  | 602  | 610 | 608   | 611  | 618   | 617   | 628  | 636  | 636  | 617  | 614  | 618  | 624   | 643   | 647   | 649   | 658  | 645  | 642  | 640  | 638  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1854 | Jan. | Feb.  | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May   | June | July | Aug. | Sep.  | Oct. | Nov. | Dec. |
|------|------|-------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
| 1    | 644  | 643   | 625  | 619  | 605 | 638  | 630  | 653  | 646  | 636  | 663  | 664  | 637  | 656  | 630  | 630  | 620   | 659  | 656  | 672  | 692   | 663  | 673  | 665  |
| 2    | 652  | 650   | 626  | 605  | 603 | 644  | 637  | 654  | 648  | 640  | 647  | 644  | 608  | 658  | 634  | 640  | 654   | 668  | 648  | 672  | 682   | 662  | 664  | 638  |
| 3    | 621  | 643   | 636  | 578  | 607 | 630  | 617  | 675  | 644  | 624  | 650  | 641  | 622  | 650  | 642  | 628  | 626   | 663  | 635  | 700  | 681   | 656  | 644  | 648  |
| 4    | 633  | 665   | 640  | 619  | 614 | 620  | 615  | 651  | 651  | 636  | 657  | 650  | 632  | 628  | 642  | 617  | 670   | 662  | 643  | 683  | 685   | 647  | 659  | 661  |
| 5    | 633  | 628   | 622  | 619  | 584 | 649  | 621  | 631  | 656  | 634  | 654  | 646  | 634  | 692  | 636  | 655  | 658   | 649  | 643  | 710  | 680   | 655  | 656  | 639  |
| 6    | 633  | 642   | 632  | 624  | 614 | 645  | 644  | 647  | 638  | 648  | 652  | 652  | 640  | 656  | 631  | 639  | 646   | 658  | 658  | 692  | 683   | 642  | 657  | 651  |
| 7    | 636  | 645   | 622  | 617  | 624 | 612  | 637  | 647  | 641  | 651  | 644  | 657  | 640  | 656  | 654  | 635  | 646   | 666  | 659  | 679  | 671   | 651  | 657  | 660  |
| 8    | 605  | 645   | 626  | 611  | 627 | 624  | 615  | 637  | 645  | 618  | 636  | 672  | 619  | 642  | 634  | 642  | 644   | 642  | 683  | 694  | 687   | 657  | 658  | 665  |
| 9    | 623  | 660   | 636  | 610  | 611 | 620  | 613  | 645  | 630  | 607  | 645  | 654  | 619  | 670  | 651  | 640  | 653   | 654  | 659  | 691  | 670   | 636  | 654  | 664  |
| 10   | 624  | 653   | 633  | 602  | 621 | 622  | 620  | 644  | 631  | 634  | 654  | 655  | 633  | 659  | 633  | 638  | 647   | 651  | 688  | 671  | 670   | 631  | 657  | 661  |
| 11   | 634  | (569) | 636  | 626  | 639 | 622  | 617  | 641  | 648  | 640  | 653  | 664  | 634  | 646  | 643  | 626  | 667   | 661  | 691  | 676  | 690   | 638  | 658  | 664  |
| 12   | 643  | 614   | 627  | 589  | 617 | 628  | 650  | 647  | 630  | 643  | 655  | 677  | 622  | 626  | 643  | 606  | 663   | 651  | 684  | 669  | 648   | 646  | 660  | 669  |
| 13   | 610  | 615   | 627  | 587  | 613 | 595  | 629  | 662  | 637  | 624  | 645  | 678  | 627  | 630  | 646  | 616  | (723) | 672  | 671  | 684  | 662   | 634  | 633  | 690  |
| 14   | 627  | 628   | 623  | 607  | 621 | 628  | 647  | 656  | 657  | 637  | 656  | 675  | 613  | 666  | 653  | 648  | 672   | 651  | 684  | 684  | 674   | 649  | 658  | 680  |
| 15   | 627  | 603   | 623  | 595  | 630 | 616  | 651  | 663  | 688  | 650  | 644  | 666  | 627  | 646  | 642  | 616  | (712) | 660  | 693  | 674  | 677   | 653  | 651  | 667  |
| 16   | 630  | 624   | 594  | 602  | 627 | 621  | 663  | 664  | 645  | 647  | 619  | 644  | 632  | 640  | 625  | 605  | 645   | 632  | 700  | 687  | 675   | 660  | 649  | 674  |
| 17   | 623  | 628   | 621  | 613  | 611 | 608  | 650  | 647  | 652  | 658  | 645  | 667  | 619  | 631  | 648  | 617  | 685   | 654  | 671  | 692  | (753) | 665  | 658  | 674  |
| 18   | 631  | 620   | 624  | 614  | 612 | 634  | 661  | 648  | 654  | 652  | 620  | 669  | 607  | 639  | 631  | 624  | 662   | 657  | 665  | 680  | 675   | 670  | 661  | 673  |
| 19   | 633  | 624   | 623  | 635  | 628 | 640  | 661  | 658  | 645  | 644  | 646  | 661  | 633  | 632  | 632  | 645  | 630   | 660  | 671  | 693  | 672   | 656  | 658  | 672  |
| 20   | 627  | 625   | 655  | 601  | 606 | 636  | 657  | 675  | 647  | 641  | 644  | 672  | 642  | 627  | 631  | 658  | 627   | 670  | 683  | 666  | 651   | 672  | 652  | 677  |
| 21   | 627  | 632   | 632  | 596  | 612 | 651  | 671  | 681  | 649  | 654  | 653  | 669  | 642  | 633  | 650  | 639  | 632   | 664  | 695  | 690  | 661   | 663  | 655  | 657  |
| 22   | 638  | 636   | 636  | 597  | 614 | 658  | 656  | 648  | 637  | 650  | 658  | 668  | 647  | 651  | 649  | 655  | 643   | 659  | 651  | 693  | 667   | 641  | 657  | 675  |
| 23   | 643  | 646   | 633  | 601  | 616 | 642  | 666  | 651  | 644  | 657  | 653  | 674  | 657  | 642  | 662  | 654  | 666   | 657  | 664  | 675  | 675   | 669  | 650  | 682  |
| 24   | 645  | 642   | 628  | 569  | 627 | 638  | 664  | 654  | 644  | 667  | 644  | 669  | 650  | 647  | 650  | 626  | 662   | 659  | 629  | 711  | 657   | 675  | 643  | 677  |
| 25   | 649  | 616   | 624  | 584  | 654 | 642  | 630  | 662  | 636  | 647  | 646  | 676  | 653  | 663  | 663  | 620  | 621   | 666  | 684  | 646  | 681   | 652  | 654  | 680  |
| 26   | 666  | 631   | 605  | 601  |     |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1855 | Jan. | Feb. | Marz | Apr. | May | June  | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan.  | Feb. | Marz | Apr.  | May | June | July  | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|-------|------|------|------|------|------|------|-------|------|------|-------|-----|------|-------|------|------|------|------|------|
| 1    | 660  | 650  | 616  | 653  | 643 | 653   | 666  | 658  | 667  | 668  | 662  | 703  | 667   | 663  | 627  | 673   | 711 | 706  | 690   | 687  | 704  | 681  | 667  | 662  |
| 2    | 669  | 651  | 640  | 652  | 655 | 667   | 675  | 666  | 655  | 667  | 661  | 667  | 663   | 667  | 651  | 663   | 680 | 693  | 700   | 697  | 686  | 673  | 672  | 673  |
| 3    | 662  | 659  | 642  | 648  | 652 | 651   | 664  | 656  | 666  | 671  | 651  | 663  | (539) | 658  | 651  | 674   | 691 | 697  | 681   | 686  | 687  | 709  | 661  | 668  |
| 4    | 657  | 659  | 646  | 638  | 656 | 659   | 684  | 654  | 652  | 657  | 653  | 668  | 665   | 654  | 661  | 662   | 663 | 710  | 705   | 679  | 682  | 666  | 662  | 662  |
| 5    | 665  | 661  | 648  | 673  | 652 | 667   | 663  | 658  | 661  | 636  | 651  | 663  | 666   | 660  | 660  | 678   | 704 | 693  | 724   | 671  | 697  | 673  | 669  | 664  |
| 6    | 671  | 663  | 655  | 640  | 639 | 680   | 675  | 644  | 647  | 664  | 655  | 666  | 669   | 662  | 652  | 679   | 675 | 714  | 700   | 671  | 696  | 670  | 662  | 664  |
| 7    | 664  | 666  | 661  | 652  | 648 | 681   | 676  | 664  | 653  | 662  | 654  | 662  | 668   | 664  | 665  | 681   | 660 | 682  | 703   | 697  | 695  | 676  | 647  | 670  |
| 8    | 664  | 658  | 657  | 643  | 629 | 685   | 677  | 660  | 644  | 664  | 659  | 659  | 691   | 674  | 663  | 670   | 682 | 708  | 685   | 679  | 693  | 680  | 667  | 667  |
| 9    | 667  | 638  | 655  | 654  | 641 | 685   | 696  | 651  | 645  | 683  | 663  | 661  | 672   | 662  | 658  | 666   | 671 | 710  | 701   | 681  | 682  | 674  | 661  | 666  |
| 10   | 672  | 636  | 646  | 659  | 642 | 698   | 668  | 657  | 648  | 664  | 667  | 651  | 678   | 658  | 666  | 657   | 665 | 712  | 704   | 681  | 688  | 691  | 665  | 661  |
| 11   | 665  | 645  | 645  | 646  | 669 | 674   | 678  | 575  | 651  | 666  | 667  | 669  | 661   | 662  | 667  | 668   | 660 | 720  | 720   | 691  | 672  | 698  | 678  | 665  |
| 12   | 662  | 659  | 668  | 653  | 662 | 688   | 687  | 667  | 641  | 664  | 667  | 659  | 674   | 662  | 683  | 675   | 668 | 700  | 711   | 689  | 685  | 681  | 680  | 647  |
| 13   | 663  | 644  | 636  | 647  | 649 | 668   | 683  | 670  | 638  | 652  | 673  | 667  | 669   | 668  | 657  | 667   | 681 | 715  | 710   | 695  | 685  | 671  | 675  | 671  |
| 14   | 661  | 642  | 636  | 645  | 649 | 682   | 676  | 676  | 643  | 650  | 666  | 665  | 667   | 648  | 671  | 681   | 675 | 688  | 700   | 698  | 681  | 680  | 678  | 666  |
| 15   | 660  | 640  | 638  | 642  | 651 | 661   | 685  | 660  | 629  | 658  | 673  | 662  | 667   | 651  | 664  | 648   | 671 | 707  | 706   | 700  | 678  | 669  | 677  | 663  |
| 16   | 673  | 648  | 649  | 640  | 653 | 663   | 672  | 644  | 638  | 658  | 681  | 668  | 669   | 648  | 668  | (739) | 701 | 711  | 700   | 698  | 680  | 682  | 676  | 674  |
| 17   | 657  | 549  | 650  | 658  | 655 | 671   | 663  | 639  | 640  | 657  | 675  | 672  | 682   | 645  | 658  | 675   | 681 | 690  | 711   | 698  | 681  | 666  | 679  | 674  |
| 18   | 655  | 653  | 649  | 648  | 663 | 662   | 679  | 651  | 633  | 669  | 653  | 659  | 659   | 633  | 674  | 688   | 665 | 692  | 702   | 676  | 682  | 675  | 657  | 638  |
| 19   | 653  | 654  | 650  | 645  | 660 | 665   | 703  | 656  | 649  | 643  | 680  | 660  | 665   | 644  | 660  | 688   | 690 | 686  | 725   | 691  | 685  | 681  | 672  | 673  |
| 20   | 677  | 650  | 632  | 653  | 660 | 664   | 637  | 653  | 647  | 641  | 671  | 655  | 670   | 652  | 669  | 666   | 716 | 691  | (751) | 683  | 666  | 657  | 673  | 665  |
| 21   | 679  | 637  | 654  | 655  | 667 | 677   | 659  | 657  | 657  | 654  | 661  | 655  | 665   | 658  | 664  | 666   | 695 | 703  | 680   | 685  | 682  | 667  | 658  | 666  |
| 22   | 639  | 630  | 661  | 664  | 663 | 671   | 657  | 656  | 660  | 652  | 660  | 667  | 668   | 644  | 669  | 680   | 685 | 711  | 711   | 883  | 679  | 666  | 660  | 663  |
| 23   | 669  | 647  | 661  | 652  | 681 | 662   | 637  | 659  | 670  | 658  | 666  | 670  | 664   | 630  | 681  | 667   | 682 | 693  | 697   | 686  | 687  | 664  | 655  | 667  |
| 24   | 667  | 646  | 652  | 644  | 685 | 665   | 658  | 652  | 669  | 667  | 656  | 660  | 659   | 658  | 683  | 687   | 692 | 683  | 683   | 679  | 686  | 664  | 676  | 665  |
| 25   | 653  | 547  | 656  | 655  | 688 | 674   | 669  | 648  | 655  | 658  | 663  | 670  | 660   | 668  | 664  | 671   | 703 | 692  | 697   | 663  | 691  | 677  | 667  | 666  |
| 26   | 646  | 635  | 636  | 652  | 676 | 659   | 673  | 655  | 653  | 673  | 665  | 669  | 632   | 662  | 660  | 681   | 693 | 698  | 597   | 672  | 683  | 682  | 659  | 673  |
| 27   | 633  | 641  | 643  | 648  | 669 | 667   | 666  | 659  | 649  | 671  | 677  | 677  | 675   | 651  | 662  | 679   | 706 | 700  | 686   | 701  | 677  | 682  | 671  | 665  |
| 28   | 666  | 643  | 649  | 649  | 660 | 659   | 665  | 664  | 636  | 665  | 666  | 682  | 664   | 668  | 659  | 684   | 691 | 722  | 690   | 679  | 668  | 678  | 676  | 688  |
| 29   | 657  |      | 640  | 647  | 658 | 674   | 654  | 662  | 651  | 656  | 677  | 670  | 656   |      | 665  | 672   | 710 | 716  | 715   | 685  | 670  | 674  | 660  | 690  |
| 30   | 652  |      | 654  | 638  | 654 | (605) | 629  | 660  | 657  | 654  | 660  | 687  | 647   |      | 671  | 673   | 679 | 704  | 697   | 696  | 672  | 667  | 676  | 684  |
| 31   | 643  |      | 660  |      | 658 |       | 655  | 663  |      | 667  |      | 673  | 660   |      | 658  |       | 683 |      | 688   | 730  |      | 670  |      | 684  |
| Mean | 661  | 648  | 648  | 649  | 657 | 670   | 669  | 658  | 650  | 660  | 664  | 662  | 666   | 656  | 663  | 673   | 682 | 702  | 701   | 687  | 683  | 678  | 668  | 668  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1856 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan.  | Feb. | Marz | Apr. | May | June | July | Aug.  | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|------|------|------|------|-------|------|------|------|-----|------|------|-------|------|------|------|------|
| 1    | 679  | 680  | 683  | 662  | 674 | 682  | 675  | 691  | 640  | 663  | 696  | 684  | 686   | 685  | 685  | 682  | 692 | 712  | 700  | (753) | 688  | 702  | 691  |      |
| 2    | 678  | 682  | 676  | 664  | 672 | 685  | 667  | 686  | 662  | 676  | 701  | 681  | (743) | 681  | 689  | 679  | 695 | 722  | 720  | 712   | 709  | 696  | 707  | 689  |
| 3    | 690  | 692  | 685  | 641  | 676 | 680  | 674  | 685  | 668  | 676  | 697  | 690  | 693   | 679  | 693  | 697  | 707 | 703  | 703  | 735   | 698  | 693  | 691  | 676  |
| 4    | 685  | 681  | 688  | 654  | 680 | 689  | 677  | 683  | 664  | 683  | 695  | 686  | 685   | 686  | 697  | 694  | 701 | 705  | 690  | 740   | 700  | 700  | 704  | 666  |
| 5    | 684  | 699  | 685  | 673  | 673 | 688  | 671  | 673  | 660  | 684  | 693  | 675  | 694   | 694  | 705  | 676  | 704 | 714  | 713  | 700   | 708  | 692  | 698  | 671  |
| 6    | 672  | 686  | 692  | 664  | 668 | 700  | 684  | 661  | 692  | 681  | 683  | 683  | 677   | 695  | 700  | 685  | 704 | 725  | 703  | 688   | 700  | 691  | 685  | 682  |
| 7    | 678  | 693  | 672  | 626  | 678 | 690  | 670  | 676  | 667  | 682  | 679  | 686  | 681   | 684  | 689  | 679  | 703 | 719  | 697  | 697   | 697  | 689  | 685  | 664  |
| 8    | 687  | 682  | 660  | 666  | 666 | 690  | 679  | 667  | 677  | 686  | 692  | 702  | 672   | 688  | 700  | 684  | 681 | 716  | 700  | 710   | 704  | 691  | 688  | 666  |
| 9    | 680  | 689  | 678  | 663  | 676 | 690  | 665  | 675  | 665  | 691  | 688  | 673  | 691   | 666  | 675  | 687  | 700 | 728  | 700  | 720   | 733  | 665  | 689  | 664  |
| 10   | 653  | 682  | 676  | 675  | 667 | 697  | 679  | 682  | 689  | 674  | 679  | 674  | 690   | 674  | 689  | 698  | 704 | 723  | 729  | 693   | 689  | 682  | 704  | 673  |
| 11   | 685  | 584  | 675  | 674  | 678 | 678  | 673  | 683  | 684  | 680  | 679  | 685  | 691   | 667  | 691  | 689  | 689 | 722  | 697  | 741   | 700  | 690  | 690  | 664  |
| 12   | 681  | 676  | 673  | 670  | 672 | 677  | 678  | 680  | 692  | 677  | 687  | 686  | 689   | 679  | 686  | 694  | 687 | 706  | 707  | 717   | 693  | 714  | 687  | 678  |
| 13   | 677  | 676  | 669  | 678  | 671 | 690  | 676  | 677  | 702  | 667  | 683  | 687  | 661   | 686  | 681  | 688  | 690 | 700  | 686  | 709   | 706  | 692  | 686  | 680  |
| 14   | 646  | 684  | 672  | 676  | 683 | 670  | 669  | 684  | 686  | 673  | 680  | 690  | 683   | 683  | 676  | 701  | 705 | 711  | 711  | 707   | 688  | 686  | 711  |      |
| 15   | 674  | 681  | 652  | 666  | 665 | 687  | 689  | 687  | 687  | 683  | 683  | 690  | 683   | 690  | 665  | 700  | 705 | 713  | 706  | 704   | 681  | 700  | 707  |      |
| 16   | 675  | 670  | 663  | 665  | 670 | 695  | 693  | 703  | 675  | 684  | 690  | 695  | 674   | 676  | 675  | 697  | 694 | 708  | 722  | 709   | 709  | 688  | 689  | 709  |
| 17   | 687  | 663  | 656  | 671  | 676 | 683  | 681  | 692  | 671  | 691  | 692  | 676  | 673   | 681  | 682  | 693  | 707 | 712  | 719  | 711   | 705  | 687  | 681  | 693  |
| 18   | 682  | 677  | 665  | 673  | 677 | 674  | 681  | 680  | 681  | 693  | 690  | 681  | 672   | 681  | 680  | 673  | 704 | 722  | 727  | 710   | 700  | 698  | 681  | 693  |
| 19   | 674  | 669  | 664  | 673  | 680 | 686  | 685  | 689  | 683  | 686  | 689  | 692  | 665   | 687  | 658  | 710  | 694 | 714  | 722  | 715   | 703  | 705  | 678  | 697  |
| 20   | 680  | 676  | 665  | 670  | 674 | 667  | 685  | 681  | 683  | 690  | 680  | 698  | 674   | 684  | 685  | 688  | 701 | 713  | 717  | 706   | 689  | 697  | 643  | 700  |
| 21   | 681  | 655  | 656  | 664  | 682 | 677  | 700  | 690  | 680  | 687  | 680  | 707  | 676   | 679  | 689  | 697  | 690 | 693  | 711  | 700   | 683  | 700  | 674  | 689  |
| 22   | 678  | 673  | 681  | 668  | 683 | 679  | 705  | 685  | 684  | 696  | 689  | 685  | 683   | 677  | 689  | 700  | 712 | 706  | 719  | 712   | 680  | 712  | 689  | 694  |
| 23   | 678  | 670  | 673  | 648  | 694 | 692  | 700  | 689  | 673  | 676  | 698  | 693  | 686   | 680  | 677  | 689  | 710 | 712  | 710  | 687   | 683  | 686  | 695  | 704  |
| 24   | 681  | 672  | 665  | 670  | 673 | 693  | 690  | 670  | 674  | 679  | 692  | 700  | 689   | 677  | 688  | 688  | 709 | 714  | 713  | 689   | 692  | 693  | 672  | 690  |
| 25   | 682  | 677  | 670  | 707  | 674 | 696  | 684  | 704  | 686  | 682  | 693  | 678  | 683   | 678  | 696  | 689  | 695 | 693  | 724  | 695   | 698  | 704  | 700  | 679  |
| 26   | 689  | 674  | 669  | 662  | 675 | 702  | 702  |      |      |      |      |      |       |      |      |      |     |      |      |       |      |      |      |      |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1857 | Jan. | Feb. | Marz | Apr. | May   | June | July | Aug. | Sep. | Oct. | Nov.  | Dec.  | Jan. | Feb. | Marz | Apr. | May   | June | July | Aug. | Sep. | Oct. | Nov. | Dec.  |
|------|------|------|------|------|-------|------|------|------|------|------|-------|-------|------|------|------|------|-------|------|------|------|------|------|------|-------|
| 1    | 687  | 689  | 705  | 682  | 676   | 664  | 671  | 698  | 678  | 682  | 692   | 694   | 686  | 687  | 692  | 694  | 700   | 687  | 700  | 716  | 713  | 704  | 690  | 704   |
| 2    | 695  | 693  | 700  | 679  | 691   | 677  | 667  | 693  | 694  | 697  | 697   | 698   | 693  | 682  | 695  | 689  | 686   | 692  | 689  | 711  | 710  | 701  | 728  | 697   |
| 3    | 683  | 693  | 703  | 675  | 672   | 675  | 671  | 688  | 704  | 686  | 701   | 692   | 685  | 683  | 715  | 691  | 703   | 697  | 719  | 713  | 728  | 704  | 698  | 688   |
| 4    | 689  | 690  | 702  | 670  | 668   | 678  | 669  | 674  | 720  | 678  | 687   | 702   | 691  | 687  | 702  | 693  | 692   | 679  | 695  | 712  | 686  | 697  | 698  | 706   |
| 5    | 698  | 688  | 694  | 671  | 670   | 681  | 667  | 694  | 691  | 680  | 684   | 706   | 690  | 690  | 702  | 687  | 686   | 698  | 695  | 715  | 691  | 700  | 696  | 698   |
| 6    | 684  | 704  | 700  | 676  | 679   | 676  | 676  | 692  | 685  | 672  | 691   | 711   | 690  | 684  | 708  | 689  | 725   | 685  | 700  | 720  | 702  | 698  | 703  | 712   |
| 7    | 690  | 696  | 688  | 676  | 674   | 666  | 695  | 695  | 688  | 677  | 688   | 712   | 684  | 700  | 696  | 696  | 733   | 696  | 711  | 721  | 707  | 696  | 700  | 720   |
| 8    | 675  | 691  | 676  | 677  | (586) | 679  | 685  | 711  | 673  | 667  | 693   | 719   | 672  | 694  | 703  | 702  | 722   | 693  | 729  | 724  | 706  | 681  | 703  | 717   |
| 9    | 683  | 688  | 677  | 694  | 644   | 666  | 674  | 700  | 686  | 678  | 689   | 715   | 688  | 696  | 707  | 712  | (770) | 703  | 711  | 718  | 696  | 693  | 690  | 721   |
| 10   | 693  | 698  | 689  | 690  | 683   | 677  | 681  | 692  | 651  | 693  | 681   | 711   | 689  | 689  | 695  | 684  | 683   | 718  | 705  | 717  | 733  | 698  | 693  | 723   |
| 11   | 686  | 689  | 687  | 671  | 643   | 682  | 683  | 685  | 669  | 690  | 683   | 713   | 684  | 684  | 690  | 700  | 677   | 715  | 708  | 730  | 709  | 703  | 711  | 705   |
| 12   | 690  | 686  | 667  | 632  | 649   | 681  | 656  | 704  | 677  | 688  | 688   | 708   | 684  | 690  | 686  | 700  | 674   | 705  | 700  | 734  | 709  | 705  | 702  | 711   |
| 13   | 691  | 689  | 693  | 632  | 656   | 668  | 677  | 701  | 695  | 688  | 666   | 676   | 675  | 694  | 704  | 707  | 685   | 706  | 687  | 765  | 714  | 709  | 675  | 707   |
| 14   | 694  | 689  | 684  | 668  | 662   | 673  | 679  | 715  | 698  | 693  | 684   | 678   | 692  | 678  | 688  | 684  | 704   | 696  | 727  | 726  | 731  | 703  | 692  | 707   |
| 15   | 688  | 681  | 683  | 676  | 658   | 685  | 680  | 704  | 664  | 707  | 681   | 707   | 696  | 687  | 691  | 698  | 697   | 700  | 708  | 718  | 708  | 698  | 694  | 731   |
| 16   | 694  | 678  | 687  | 673  | 675   | 675  | 688  | 705  | 683  | 695  | 688   | 712   | 679  | 654  | 689  | 696  | 688   | 712  | 716  | 723  | 713  | 703  | 681  | 735   |
| 17   | 676  | 675  | 684  | 679  | 683   | 676  | 683  | 678  | 683  | 693  | 669   | 726   | 662  | 682  | 692  | 683  | 709   | 706  | 719  | 729  | 706  | 725  | 678  | 696   |
| 18   | 686  | 693  | 664  | 679  | 672   | 677  | 689  | 694  | 687  | 665  | (621) | (635) | 675  | 690  | 688  | 710  | 703   | 705  | 703  | 716  | 710  | 701  | 735  | (648) |
| 19   | 708  | 682  | 677  | 687  | 670   | 691  | 680  | 685  | 682  | 676  | 670   | 692   | 694  | 668  | 704  | 704  | 676   | 714  | 703  | 717  | 707  | 680  | 675  | 686   |
| 20   | 690  | 685  | 683  | 695  | 667   | 692  | 673  | 686  | 678  | 686  | 690   | 682   | 701  | 685  | 701  | 701  | 711   | 717  | 700  | 720  | 706  | 681  | 695  | 697   |
| 21   | 695  | 685  | 694  | 688  | 655   | 688  | 676  | 685  | 683  | 690  | 695   | 690   | 697  | 686  | 701  | 717  | 674   | 704  | 724  | 723  | 701  | 701  | 689  | 697   |
| 22   | 697  | 688  | 687  | 693  | 675   | 695  | 671  | 673  | 689  | 691  | 696   | 700   | 696  | 685  | 707  | 707  | 730   | 715  | 711  | 710  | 693  | 696  | 682  | 704   |
| 23   | 698  | 690  | 685  | 688  | 672   | 682  | 680  | 681  | 658  | 684  | 673   | 701   | 696  | 687  | 698  | 705  | 717   | 722  | 698  | 724  | 697  | 700  | 693  | 705   |
| 24   | 700  | 678  | 680  | 677  | 684   | 672  | 667  | 686  | 671  | 676  | 684   | 681   | 698  | 693  | 701  | 698  | 736   | 716  | 697  | 711  | 689  | 700  | 682  | 706   |
| 25   | 695  | 681  | 680  | 674  | 692   | 694  | 681  | 673  | 652  | 694  | 667   | 696   | 694  | 681  | 700  | 695  | 719   | 718  | 703  | 701  | 696  | 691  | 686  | 697   |
| 26   | 687  | 692  | 663  | 681  | 678   | 681  | 638  | 681  | 663  | 683  | 689   | 700   | 700  | 686  | 698  | 698  | 692   | 708  | 708  | 716  | 685  | 700  | 689  | 694   |
| 27   | 691  | 691  | 686  | 685  | 684   | 670  | 685  | 677  | 675  | 684  | 684   | 714   | 690  | 703  | 706  | 678  | 690   | 692  | 703  | 718  | 703  | 696  | 691  | 696   |
| 28   | 704  | 687  | 679  | 675  | 675   | 670  | 685  | 689  | 686  | 691  | 688   | (623) | 692  | 685  | 709  | 700  | 731   | 693  | 712  | 701  | 702  | 696  | 681  | 717   |
| 29   | 687  |      | 676  | 670  | 663   | 652  | 693  | 701  | 685  | 691  | 700   | 669   | 685  |      | 687  | 693  | 701   | 693  | 718  | 721  | 700  | 677  | 684  | 682   |
| 30   | 687  |      | 678  | 682  | 673   | 670  | 686  | 698  | 703  | 683  | 692   | 695   | 686  |      | 694  | 691  | 696   | 693  | 721  | 721  | 695  | 696  | 694  | 692   |
| 31   | 691  |      | 679  |      | 662   |      | 685  | 691  |      | 681  |       | 700   | 692  |      | 691  |      | 694   |      | 703  | 703  |      | 693  |      | 700   |
| Mean | 691  | 688  | 685  | 678  | 670   | 677  | 677  | 691  | 682  | 685  | 686   | 700   | 688  | 687  | 698  | 697  | 701   | 703  | 707  | 719  | 705  | 698  | 694  | 705   |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1858 | Jan.  | Feb. | Marz | Apr.  | May | June  | July  | Aug. | Sep. | Oct.  | Nov. | Dec. | Jan. | Feb. | Marz | Apr.   | May | June  | July | Aug. | Sep. | Oct. | Nov. | Dec.   |
|------|-------|------|------|-------|-----|-------|-------|------|------|-------|------|------|------|------|------|--------|-----|-------|------|------|------|------|------|--------|
| 1    | 700   | 703  | 682  | 679   | 663 | 676   | 658   | 680  | 664  | 677   | 669  | 679  | 706  | 713  | 687  | 700    | 706 | 713   | 687  | 711  | 737  | 703  | 678  | 688    |
| 2    | 700   | 708  | 658  | 664   | 677 | 685   | 648   | 682  | 675  | 685   | 664  | 679  | 701  | 723  | 663  | 680    | 687 | 737   | 668  | 720  | 747  | 698  | 675  | 682    |
| 3    | 697   | 690  | 665  | 681   | 681 | 685   | 656   | 690  | 682  | 733   | 683  | 683  | 695  | 708  | 684  | 697    | 703 | 718   | 726  | 714  | 721  | 688  | 707  | 678    |
| 4    | 700   | 677  | 663  | 673   | 685 | 658   | 651   | 691  | 685  | 686   | 670  | 691  | 701  | 693  | 681  | 697    | 706 | (772) | 718  | 709  | 729  | 660  | 676  | 697    |
| 5    | 708   | 683  | 671  | 675   | 675 | 676   | 670   | 702  | 701  | 680   | 675  | 684  | 702  | 692  | 682  | 681    | 712 | 700   | 711  | 704  | 732  | 686  | 682  | 682    |
| 6    | 705   | 704  | 678  | 677   | 677 | 665   | (626) | 711  | 698  | 662   | 675  | 665  | 701  | 686  | 708  | 690    | 708 | 719   | 717  | 710  | 719  | 705  | 684  | 667    |
| 7    | 711   | 681  | 680  | 667   | 679 | 680   | 673   | 705  | 693  | 735   | 669  | 681  | 700  | 703  | 695  | 674    | 714 | 719   | 694  | 714  | 711  | 677  | 681  | 685    |
| 8    | 705   | 705  | 674  | 670   | 660 | 670   | 690   | 700  | 671  | 656   | 658  | 691  | 700  | 709  | 700  | 693    | 703 | 717   | 714  | 730  | 715  | 687  | 678  | 691    |
| 9    | (548) | 713  | 663  | 683   | 648 | 683   | 680   | 711  | 700  | 656   | 681  | 692  | 656  | 700  | 694  | 726    | 673 | 718   | 705  | 725  | 735  | 710  | 692  | 692    |
| 10   | 655   | 695  | 680  | (606) | 658 | 696   | 690   | 712  | 700  | 655   | 674  | 698  | 692  | 735  | 688  | (1176) | 689 | 724   | 721  | 743  | 735  | 666  | 686  | 683    |
| 11   | 674   | 704  | 674  | (598) | 673 | 691   | 690   | 705  | 695  | 660   | 668  | 690  | 689  | 707  | 675  | (779)  | 703 | 741   | 728  | 746  | 745  | 685  | 683  | 675    |
| 12   | 685   | 700  | 692  | 631   | 666 | 698   | 700   | 698  | 697  | 664   | 688  | 696  | 702  | 712  | 698  | 665    | 736 | 733   | 732  | 747  | 728  | 692  | 680  | 698    |
| 13   | 692   | 697  | 680  | 661   | 671 | 698   | 703   | 711  | 685  | 663   | 688  | 674  | 701  | 707  | 701  | 662    | 694 | 724   | 744  | 726  | 722  | 691  | 700  | 687    |
| 14   | 700   | 684  | 668  | 635   | 675 | 693   | 710   | 710  | 705  | 660   | 677  | 670  | 701  | 701  | 705  | 678    | 697 | 709   | 749  | 744  | 740  | 694  | 687  | 685    |
| 15   | 702   | 686  | 667  | 631   | 670 | 685   | 702   | 715  | 707  | 678   | 658  | 672  | 701  | 703  | 708  | 674    | 702 | 722   | 724  | 722  | 729  | 698  | 668  | 694    |
| 16   | 705   | 673  | 660  | 647   | 670 | 706   | 700   | 719  | 693  | 684   | 664  | 701  | 709  | 683  | 691  | 689    | 703 | 729   | 734  | 694  | 715  | 700  | 663  | 694    |
| 17   | 681   | 675  | 639  | 665   | 690 | 706   | 706   | 710  | 708  | 687   | 665  | 694  | 708  | 713  | 709  | 685    | 677 | 718   | 745  | 689  | 734  | 690  | 672  | 700    |
| 18   | 682   | 674  | 673  | 671   | 670 | 717   | 714   | 682  | 710  | 665   | 660  | 679  | 702  | 688  | 683  | 688    | 711 | 694   | 734  | 738  | 732  | 700  | 673  | 693    |
| 19   | 687   | 678  | 685  | 671   | 682 | 690   | 718   | 721  | 735  | (633) | 734  | 688  | 671  | 688  | 691  | 698    | 691 | 681   | 735  | 734  | 737  | 685  | 697  | 691    |
| 20   | 693   | 705  | 678  | 677   | 682 | 686   | 703   | 713  | 671  | 650   | 679  | 682  | 674  | 700  | 707  | 707    | 706 | 739   | 741  | 736  | 755  | 676  | 666  | 692    |
| 21   | 690   | 690  | 677  | 683   | 680 | 686   | 711   | 680  | 697  | 679   | 669  | 672  | 702  | 678  | 705  | 722    | 704 | 710   | 732  | 704  | 721  | 670  | 675  | 695    |
| 22   | 693   | 697  | 676  | 667   | 710 | 682   | 728   | 694  | 708  | 671   | 662  | 684  | 705  | 697  | 694  | 688    | 726 | 714   | 751  | 736  | 709  | 658  | 678  | 684    |
| 23   | 692   | 708  | 677  | 673   | 687 | 696   | 700   | 707  | 680  | 671   | 680  | 683  | 693  | 695  | 713  | 707    | 732 | 743   | 731  | 716  | 703  | 688  | 690  | 700    |
| 24   | 701   | 700  | 700  | 671   | 668 | (630) | 720   | 696  | 682  | 668   | 688  | 685  | 701  | 693  | 694  | 682    | 733 | 746   | 746  | 745  | 742  | 677  | 686  | (1270) |
| 25   | 701   | 697  | 697  | 668   | 666 | (603) | 706   | 670  | 690  | 674   | 675  | 692  | 690  | 693  | 721  | 686    | 698 | 707   | 739  | 739  | 732  | 688  | 672  | 668    |
| 26   | 700   | 685  |      |       |     |       |       |      |      |       |      |      |      |      |      |        |     |       |      |      |      |      |      |        |



9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1859 | Jan. | Feb.  | Marz | Apr. | May | June | July  | Aug.  | Sep.  | Oct. | Nov.  | Dec.  | Jan. | Feb.  | Marz | Apr.  | May   | June  | July | Aug.  | Sep.   | Oct.   | Nov. | Dec.   |
|------|------|-------|------|------|-----|------|-------|-------|-------|------|-------|-------|------|-------|------|-------|-------|-------|------|-------|--------|--------|------|--------|
| 1    | 677  | 692   | 664  | 662  | 654 | 672  | 686   | 674   | 640   | 692  | 679   | 705   | 679  | 693   | 686  | 718   | 674   | 722   | 722  | 718   | 673    | 713    | 709  | 710    |
| 2    | 687  | 701   | 655  | 651  | 637 | 690  | 688   | 684   | (566) | 688  | 688   | 703   | 685  | 691   | 689  | 658   | 681   | 746   | 759  | 729   | (1358) | 671    | 704  | 713    |
| 3    | 691  | 680   | 674  | 654  | 652 | 683  | 690   | 682   | (609) | 689  | 692   | 705   | 685  | 706   | 687  | 675   | 694   | 725   | 719  | 724   | (892)  | 700    | 722  | 706    |
| 4    | 691  | 698   | 680  | 646  | 650 | 677  | 727   | 685   | 630   | 674  | 692   | 707   | 692  | 692   | 711  | 676   | 727   | 727   | 715  | 721   | (831)  | 714    | 695  | 708    |
| 5    | 693  | 689   | 684  | 660  | 656 | 664  | 698   | 705   | 664   | 672  | 692   | 696   | 692  | 690   | 692  | 686   | 661   | 682   | 741  | 739   | (1029) | 689    | 694  | 695    |
| 6    | 696  | 694   | 686  | 660  | 639 | 690  | 702   | 707   | 698   | 702  | 706   | 693   | 692  | 700   | 676  | 685   | 675   | 700   | 736  | 714   | (767)  | 716    | 737  | 711    |
| 7    | 697  | 693   | 685  | 661  | 655 | 677  | 694   | 685   | 641   | 682  | 705   | 695   | 696  | 700   | 690  | 723   | 672   | 712   | 717  | 742   | 692    | 725    | 706  | 694    |
| 8    | 688  | 707   | 687  | 661  | 656 | 635  | 700   | 686   | 651   | 689  | 689   | 693   | 694  | 733   | 678  | 674   | 715   | 733   | 715  | 679   | 721    | 702    | 709  | 714    |
| 9    | 691  | 706   | 692  | 655  | 656 | 690  | 726   | 698   | 661   | 661  | 684   | 703   | 698  | 719   | 694  | 673   | 666   | 681   | 711  | 748   | 702    | 710    | 684  | 700    |
| 10   | 691  | 654   | 683  | 672  | 660 | 640  | 691   | 715   | 682   | 690  | 684   | 713   | 705  | 679   | 687  | 683   | 690   | 720   | 750  | 761   | 720    | 709    | 701  | 688    |
| 11   | 685  | 662   | 686  | 666  | 661 | 648  | 678   | 690   | 678   | 690  | 667   | 680   | 691  | 674   | 671  | 698   | 701   | 750   | 700  | 695   | 708    | 686    | 678  | 698    |
| 12   | 683  | (620) | 694  | 650  | 657 | 661  | 700   | 700   | 667   | 668  | 678   | 692   | 687  | 684   | 700  | 681   | 664   | 708   | 732  | 718   | 717    | 684    | 672  | 691    |
| 13   | 685  | 680   | 681  | 654  | 670 | 668  | 644   | 700   | 672   | 628  | (626) | (628) | 688  | 684   | 677  | (633) | 706   | 707   | 734  | 727   | 722    | 652    | 664  | (1296) |
| 14   | 685  | 681   | 678  | 631  | 660 | 669  | 655   | 700   | 672   | 656  | 651   | 660   | 705  | 667   | 682  | 711   | 686   | 708   | 709  | 727   | 710    | 681    | 656  | 666    |
| 15   | 688  | 688   | 677  | 642  | 655 | 688  | 667   | 691   | 671   | 668  | 683   | 669   | 687  | 689   | 678  | 695   | 720   | 721   | 712  | 727   | 726    | 698    | 677  | 687    |
| 16   | 645  | 690   | 674  | 661  | 657 | 652  | 662   | 677   | 658   | 670  | 694   | 681   | 655  | 686   | 678  | 684   | 705   | (774) | 732  | 707   | 707    | 689    | 702  | 681    |
| 17   | 680  | 691   | 668  | 649  | 665 | 658  | 685   | 669   | 647   | 647  | 691   | 680   | 664  | 694   | 711  | 695   | 704   | 692   | 698  | (778) | 692    | 683    | 684  | 684    |
| 18   | 683  | 677   | 690  | 643  | 671 | 643  | (618) | 676   | 674   | 622  | 712   | 700   | 672  | 680   | 731  | 698   | 666   | 731   | 679  | 739   | 667    | (941)  | 696  | 693    |
| 19   | 667  | 688   | 670  | 638  | 671 | 656  | 636   | 673   | 671   | 633  | 707   | 700   | 647  | 690   | 680  | 669   | (855) | 715   | 690  | 755   | 696    | (758)  | 704  | 708    |
| 20   | 670  | 697   | 674  | 658  | 644 | 684  | 675   | 661   | 677   | 652  | 698   | 687   | 690  | 697   | 690  | 697   | (798) | 713   | 712  | (615) | 682    | (1338) | 712  | 723    |
| 21   | 705  | 682   | 683  | 662  | 650 | 684  | 680   | 700   | 679   | 636  | 710   | 690   | 681  | 685   | 694  | 670   | 710   | 720   | 712  | 725   | 703    | (1231) | 711  | 695    |
| 22   | 695  | 683   | 673  | 642  | 653 | 683  | 698   | 678   | 691   | 636  | 709   | 675   | 693  | 700   | 691  | 703   | 741   | 703   | 715  | 738   | 708    | 720    | 710  | 701    |
| 23   | 693  | 672   | 675  | 632  | 653 | 668  | 648   | 695   | 688   | 647  | 716   | 698   | 704  | 689   | 695  | (751) | 727   | 718   | 706  | 703   | 705    | 752    | 716  | 694    |
| 24   | 700  | (628) | 672  | 643  | 652 | 685  | 663   | 690   | 694   | 649  | 708   | 687   | 707  | (777) | 731  | (737) | 688   | 702   | 689  | 735   | 673    | 653    | 708  | 700    |
| 25   | 701  | 640   | 654  | 635  | 680 | 657  | 693   | 684   | 675   | 656  | 715   | 695   | 702  | 687   | 691  | 672   | 691   | 683   | 710  | 711   | 683    | 667    | 718  | 694    |
| 26   | 707  | 653   | 634  | 641  | 690 | 663  | 695   | 688   | 671   | 677  | 707   | 701   | 703  | (751) | 685  | 666   | 719   | 714   | 728  | 706   | 686    | 662    | 706  | 702    |
| 27   | 670  | 660   | 674  | 658  | 687 | 645  | 651   | 668   | 677   | 675  | 712   | 701   | 700  | 669   | 698  | 682   | 716   | 728   | 726  | 730   | 697    | 696    | 714  | 705    |
| 28   | 674  | 657   | 645  | 654  | 706 | 663  | 680   | 666   | 682   | 693  | 711   | 701   | 688  | 663   | 669  | 671   | 713   | 721   | 730  | 731   | 710    | 666    | 721  | 706    |
| 29   | 687  |       | 650  | 642  | 694 | 681  | 672   | (401) | 680   | 688  | 715   | 702   | 701  |       | 691  | 668   | 678   | 734   | 712  | (912) | 705    | 706    | 720  | 708    |
| 30   | 697  |       | 654  | 626  | 667 | 683  | 680   | 630   | 674   | 695  | 713   | 698   | 717  |       | 711  | 666   | 693   | 718   | 709  | 712   | 709    | 701    | 706  | 720    |
| 31   | 724  |       | 657  | 670  |     | 673  | 629   |       |       | 692  |       | 692   | 700  |       | 675  | 726   |       | 709   | 701  |       | 695    |        |      | 707    |
| Mean | 688  | 681   | 673  | 650  | 662 | 669  | 681   | 683   | 670   | 668  | 697   | 693   | 690  | 690   | 691  | 684   | 697   | 715   | 717  | 722   | 701    | 693    | 701  | 697    |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1860 | Jan. | Feb. | Marz | Apr. | May | June | July  | Aug.  | Sep.  | Oct. | Nov. | Dec.  | Jan. | Feb.  | Marz  | Apr. | May   | June  | July  | Aug.   | Sep.  | Oct.  | Nov. | Dec. |
|------|------|------|------|------|-----|------|-------|-------|-------|------|------|-------|------|-------|-------|------|-------|-------|-------|--------|-------|-------|------|------|
| 1    | 723  | 701  | 700  | 654  | 709 | 683  | 674   | 706   | 675   | 697  | 695  | 704   | 698  | 690   | 694   | 692  | 709   | 720   | (783) | 740    | 717   | 706   | 704  | 693  |
| 2    | 709  | 698  | 685  | 686  | 694 | 689  | 653   | 713   | 675   | 670  | 702  | 709   | 692  | 695   | 696   | 695  | 717   | 747   | 696   | 709    | 725   | 700   | 694  | 692  |
| 3    | 709  | 694  | 700  | 691  | 691 | 688  | (622) | 674   | 670   | 663  | 675  | 710   | 702  | 694   | 691   | 632  | 717   | 722   | 757   | 729    | 716   | (776) | 707  | 704  |
| 4    | 706  | 705  | 684  | 670  | 672 | 679  | 661   | 689   | 673   | 649  | 700  | 706   | 704  | 697   | 692   | 703  | 732   | 728   | 724   | 732    | 725   | 705   | 700  | 704  |
| 5    | 715  | 707  | 686  | 677  | 712 | 670  | 674   | 687   | 689   | 657  | 668  | 709   | 706  | 703   | 703   | 704  | (806) | 734   | 706   | 708    | (768) | 707   | 706  | 707  |
| 6    | 709  | 706  | 696  | 667  | 697 | 681  | 666   | 672   | 672   | 675  | 696  | 706   | 708  | 704   | 700   | 698  | 763   | 731   | 695   | 730    | 727   | 704   | 700  | 708  |
| 7    | 705  | 704  | 704  | 672  | 647 | 701  | 665   | (440) | (583) | 670  | 692  | 708   | 706  | 703   | 700   | 697  | 714   | 757   | 714   | 705    | (873) | 710   | 704  | 707  |
| 8    | 707  | 698  | 690  | 679  | 660 | 689  | 668   | 638   | 678   | 676  | 698  | 708   | 708  | 700   | 724   | 687  | 714   | 757   | 731   | 726    | 735   | 685   | 696  | 710  |
| 9    | 713  | 704  | 648  | 683  | 679 | 689  | 666   | 689   | 652   | 692  | 690  | 708   | 711  | 697   | 695   | 688  | 718   | 745   | 718   | 749    | 697   | 696   | 697  | 722  |
| 10   | 712  | 705  | 678  | 648  | 664 | 687  | 672   | 684   | 661   | 688  | 691  | 713   | 715  | 698   | 670   | 729  | 727   | 774   | 711   | 695    | 727   | 686   | 697  | 739  |
| 11   | 714  | 692  | 670  | 676  | 632 | 643  | 686   | (589) | 657   | 686  | 689  | (637) | 719  | 684   | 692   | 707  | 717   | (790) | 707   | 687    | 706   | 690   | 695  | 704  |
| 12   | 691  | 704  | 700  | 682  | 673 | 681  | 670   | (505) | 677   | 688  | 689  | 689   | 695  | 680   | 745   | 705  | 690   | 711   | 722   | (1415) | 709   | 697   | 693  | 691  |
| 13   | 706  | 684  | 672  | 678  | 672 | 700  | 695   | 636   | 672   | 676  | 689  | 688   | 700  | 671   | 701   | 698  | 711   | 733   | 739   | (918)  | 696   | 694   | 689  | 695  |
| 14   | 708  | 689  | 687  | 652  | 700 | 693  | 702   | 667   | 678   | 671  | 698  | 704   | 705  | 681   | 677   | 697  | 714   | 730   | 732   | 727    | 701   | 694   | 693  | 704  |
| 15   | 705  | 693  | 678  | 667  | 673 | 718  | 707   | 669   | 681   | 676  | 706  | 704   | 702  | 680   | 682   | 701  | 701   | 737   | 738   | 709    | 720   | 698   | 696  | 710  |
| 16   | 709  | 691  | 676  | 658  | 678 | 718  | 695   | 674   | 676   | 695  | 700  | 696   | 692  | 695   | 703   | 730  | 686   | 748   | 728   | 718    | 719   | 708   | 697  | 715  |
| 17   | 694  | 704  | 677  | 676  | 682 | 700  | 709   | 660   | 669   | 684  | 705  | 697   | 696  | 715   | 751   | 711  | 685   | 747   | 755   | 711    | 698   | 702   | 704  | 683  |
| 18   | 700  | 686  | 641  | 684  | 672 | 702  | 672   | 677   | 673   | 689  | 701  | 692   | 714  | 687   | (784) | 741  | 715   | 775   | 732   | 723    | 694   | 698   | 702  | 701  |
| 19   | 696  | 674  | 658  | 684  | 679 | 703  | 701   | 668   | 681   | 700  | 701  | 701   | 691  | 680   | (779) | 706  | 720   | 746   | 754   | 731    | 701   | 710   | 712  | 713  |
| 20   | 700  | 688  | 676  | 687  | 695 | 706  | 697   | 663   | 673   | 713  | 704  | 684   | 696  | 672   | 715   | 718  | 736   | 737   | 767   | 717    | 678   | 723   | 701  | 714  |
| 21   | 702  | 689  | 686  | 683  | 668 | 702  | 658   | 664   | 665   | 711  | 703  | 700   | 695  | (757) | 740   | 708  | 713   | 768   | 716   | 706    | 717   | 712   | 705  | 714  |
| 22   | 693  | 648  | 672  | 673  | 689 | 711  | 673   | 675   | 681   | 700  | 707  | 691   | 687  | 709   | 724   | 695  | 734   | 726   | 741   | 717    | 709   | 706   | 714  | 701  |
| 23   | 694  | 687  | 686  | 679  | 686 | 688  | 692   | 664   | 682   | 697  | 724  | 702   | 692  | 692   | 679   | 730  | 697   | 733   | 751   | 718    | 743   | 709   | 708  | 701  |
| 24   | 708  | 705  | 672  | 674  | 681 | 696  | 673   | 682   | 680   | 694  | 689  | 707   | 700  | 686   | 715   | 704  | 704   | (798) | 727   | 695    | 719   | 711   | 704  | 700  |
| 25   | 696  | 693  | 705  | 698  | 689 | 704  | 700   | 671   | 670   | 701  | 709  | 709   | 703  | 694   | 712   | 723  | 723   | 738   | 712   | 715    | 697   | 714   | 701  | 696  |
| 26   | 703  |      |      |      |     |      |       |       |       |      |      |       |      |       |       |      |       |       |       |        |       |       |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1861 | Jan.  | Feb. | Marz | Apr. | May   | June | July | Aug. | Sep. | Oct. | Nov.  | Dec. | Jan. | Feb.  | Marz  | Apr.  | May | June  | July  | Aug.  | Sep.  | Oct.  | Nov. | Dec. |
|------|-------|------|------|------|-------|------|------|------|------|------|-------|------|------|-------|-------|-------|-----|-------|-------|-------|-------|-------|------|------|
| 1    | 704   | 694  | 652  | 713  | 714   | 713  | 715  | 714  | 721  | 722  | 726   | 746  | 710  | 703   | 722   | 725   | 730 | 741   | 751   | 775   | 767   | 738   | 742  | 740  |
| 2    | 710   | 710  | 674  | 712  | 717   | 724  | 709  | 706  | 714  | 731  | 728   | 741  | 711  | 706   | 717   | 718   | 718 | 747   | 732   | 763   | 756   | 738   | 732  | 747  |
| 3    | 697   | 714  | 687  | 705  | 707   | 713  | 733  | 711  | 708  | 732  | 719   | 732  | 703  | 708   | 703   | 723   | 715 | 748   | 748   | 760   | 758   | 743   | 735  | 742  |
| 4    | 703   | 714  | 706  | 709  | 707   | 714  | 710  | 716  | 709  | 720  | 723   | 744  | 715  | 717   | 722   | 714   | 714 | 774   | 768   | 767   | 731   | 741   | 737  | 725  |
| 5    | 693   | 714  | 720  | 702  | 682   | 706  | 717  | 717  | 715  | 730  | 725   | 716  | 703  | 710   | 725   | 716   | 730 | 753   | 740   | 765   | 760   | 744   | 745  | 740  |
| 6    | 715   | 718  | 723  | 713  | 706   | 712  | 716  | 719  | 664  | 726  | 729   | 743  | 741  | 715   | 725   | 717   | 750 | 752   | 745   | 728   | 758   | 746   | 735  | 758  |
| 7    | 694   | 726  | 720  | 709  | 686   | 730  | 712  | 716  | 702  | 719  | 742   | 739  | 710  | 716   | 725   | 729   | 731 | 764   | 755   | 758   | 771   | 739   | 719  | 747  |
| 8    | 705   | 719  | 721  | 698  | 712   | 710  | 723  | 729  | 708  | 723  | (669) | 732  | 717  | 720   | 734   | 739   | 748 | 750   | 737   | 760   | 761   | 732   | 704  | 746  |
| 9    | 700   | 719  | 735  | 687  | 694   | 726  | 717  | 722  | 702  | 727  | 695   | 738  | 717  | 724   | (778) | 726   | 736 | 738   | (674) | 748   | 745   | 743   | 709  | 744  |
| 10   | 706   | 726  | 682  | 703  | 698   | 709  | 711  | 724  | 705  | 743  | 701   | 695  | 706  | 722   | (775) | 729   | 718 | 764   | 751   | 755   | 743   | 765   | 716  | 766  |
| 11   | 708   | 708  | 696  | 698  | 694   | 727  | 661  | 722  | 703  | 694  | 703   | 732  | 710  | 707   | 704   | 735   | 731 | 757   | 798   | 746   | 743   | 770   | 701  | 757  |
| 12   | 721   | 698  | 703  | 696  | 702   | 709  | 706  | 729  | 727  | 702  | 712   | 731  | 715  | 715   | 720   | 721   | 727 | 731   | 725   | 743   | 754   | 733   | 720  | 739  |
| 13   | 708   | 700  | 705  | 707  | 712   | 693  | 708  | 716  | 713  | 710  | 724   | 746  | 685  | 711   | 710   | 729   | 731 | 797   | 710   | 748   | 752   | 726   | 702  | 743  |
| 14   | 704   | 712  | 701  | 720  | 700   | 700  | 718  | 706  | 734  | 694  | 710   | 749  | 720  | 710   | 735   | 731   | 744 | 756   | 750   | 783   | 753   | 728   | 698  | 754  |
| 15   | 701   | 710  | 719  | 723  | 724   | 709  | 725  | 725  | 732  | 715  | 707   | 749  | 715  | 713   | 703   | (800) | 730 | 746   | 744   | 736   | 748   | 722   | 708  | 755  |
| 16   | 706   | 717  | 686  | 698  | 725   | 716  | 731  | 719  | 681  | 720  | 741   | 770  | 717  | 702   | 701   | 729   | 759 | 754   | 773   | 755   | 748   | 742   | 709  | 756  |
| 17   | 694   | 694  | 708  | 715  | 693   | 711  | 739  | 696  | 702  | 721  | 699   | 773  | 720  | 700   | 705   | 724   | 772 | 754   | 771   | 786   | 754   | 734   | 715  | 761  |
| 18   | 701   | 710  | 713  | 711  | 704   | 684  | 728  | 664  | 697  | 721  | 724   | 756  | 712  | 711   | 751   | 742   | 732 | 750   | 749   | 762   | 786   | 726   | 719  | 757  |
| 19   | 701   | 707  | 709  | 706  | 671   | 716  | 736  | 700  | 702  | 715  | 673   | 746  | 710  | 693   | 740   | 738   | 754 | 765   | 765   | (926) | (806) | 721   | 696  | 739  |
| 20   | 704   | 698  | 711  | 713  | 680   | 707  | 743  | 700  | 663  | 716  | 700   | 731  | 688  | 715   | 724   | 726   | 750 | 738   | 754   | 754   | 737   | 732   | 707  | 740  |
| 21   | 681   | 706  | 705  | 696  | 690   | 710  | 709  | 704  | 694  | 711  | 715   | 735  | 686  | 710   | 716   | 720   | 732 | 753   | 791   | 772   | 720   | 731   | 726  | 732  |
| 22   | 704   | 700  | 708  | 694  | 686   | 718  | 712  | 704  | 697  | 713  | 733   | 723  | 711  | 710   | 727   | 738   | 713 | 750   | 735   | 756   | 722   | 735   | 753  | 734  |
| 23   | 691   | 686  | 698  | 681  | 684   | 682  | 736  | 686  | 706  | 733  | 734   | 733  | 690  | 700   | 711   | 744   | 705 | 748   | 797   | 723   | 733   | 730   | 738  | 735  |
| 24   | 687   | 705  | 692  | 690  | 698   | 695  | 728  | 719  | 689  | 726  | 730   | 739  | 698  | 723   | 718   | 748   | 726 | 747   | 768   | 760   | 716   | (669) | 726  | 743  |
| 25   | 657   | 704  | 683  | 697  | 709   | 694  | 724  | 702  | 696  | 704  | 732   | 738  | 689  | 710   | 747   | 725   | 729 | 759   | 759   | (704) | 735   | 701   | 735  | 732  |
| 26   | (637) | 714  | 684  | 698  | 706   | 688  | 714  | 711  | 705  | 702  | 730   | 742  | 693  | 722   | (773) | 708   | 729 | 746   | 761   | 760   | 723   | 725   | 733  | 744  |
| 27   | (601) | 721  | 690  | 721  | (769) | 712  | 722  | 725  | 720  | 717  | 740   | 747  | 744  | (769) | 735   | 712   | 721 | 724   | 744   | 764   | (669) | 725   | 733  | 754  |
| 28   | 687   | 681  | 682  | 700  | 712   | 707  | 730  | 721  | 698  | 711  | 741   | 751  | 670  | (766) | 704   | 724   | 763 | 749   | 757   | 756   | 708   | 727   | 743  | 756  |
| 29   | 687   | 691  | 716  | 719  | 713   | 725  | 717  | 704  | 714  | 752  | 751   | 751  | 690  | 726   | 723   | 739   | 742 | 755   | 756   | 722   | 720   | 730   | 761  | 761  |
| 30   | 708   | 690  | 712  | 713  | 717   | 730  | 729  | 712  | 719  | 749  | 745   | 745  | 684  | 712   | 727   | 738   | 740 | 749   | 739   | 719   | 718   | 734   | 758  | 758  |
| 31   | 703   | 710  | 722  | 733  | 728   | 728  | 728  | 721  | 721  | 721  | 755   | 755  | 710  | 735   | 744   | 744   | 758 | (978) | 741   | 741   | 741   | 741   | 741  | 761  |
| Mean | 699   | 708  | 700  | 705  | 702   | 709  | 720  | 713  | 704  | 718  | 722   | 741  | 706  | 711   | 722   | 728   | 734 | 755   | 755   | 756   | 744   | 734   | 723  | 747  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1862 | Jan.  | Feb. | Marz | Apr. | May | June  | July  | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz  | Apr. | May   | June  | July | Aug.  | Sep.  | Oct.  | Nov. | Dec. |
|------|-------|------|------|------|-----|-------|-------|------|------|------|------|------|------|------|-------|------|-------|-------|------|-------|-------|-------|------|------|
| 1    | 754   | 732  | 703  | 732  | 732 | 774   | 749   | 741  | 727  | 755  | 719  | 735  | 753  | 759  | 742   | 753  | 751   | 764   | 782  | 768   | 756   | 761   | 764  | 730  |
| 2    | 758   | 734  | 737  | 725  | 738 | 750   | 737   | 732  | 730  | 751  | 719  | 743  | 752  | 776  | 742   | 786  | 760   | 771   | 811  | 761   | 766   | 782   | 758  | 760  |
| 3    | 734   | 746  | 742  | 711  | 743 | 747   | 727   | 759  | 734  | 721  | 738  | 756  | 740  | 749  | 753   | 766  | 757   | 785   | 770  | 764   | 784   | 782   | 743  | 770  |
| 4    | 736   | 735  | 731  | 714  | 752 | 754   | 743   | 755  | 718  | 725  | 744  | 742  | 739  | 746  | 771   | 750  | 758   | 802   | 769  | 771   | 751   | 769   | 781  | 757  |
| 5    | 723   | 748  | 731  | 724  | 758 | 746   | 747   | 776  | 697  | 717  | 726  | 743  | 755  | 738  | 742   | 739  | 781   | 801   | 777  | (963) | 765   | 764   | 745  | 740  |
| 6    | 750   | 757  | 727  | 731  | 753 | 743   | (644) | 700  | 725  | 719  | 727  | 743  | 756  | 744  | 743   | 743  | 748   | 777   | 738  | (851) | 776   | (873) | 732  | 753  |
| 7    | 746   | 730  | 712  | 740  | 724 | 751   | 688   | 721  | 729  | 731  | 751  | 754  | 743  | 748  | 744   | 754  | 729   | 789   | 781  | 759   | 779   | 727   | 785  | 748  |
| 8    | 737   | 731  | 729  | 730  | 750 | 760   | 729   | 683  | 749  | 725  | 749  | 767  | 733  | 751  | 751   | 758  | 788   | 773   | 771  | 783   | 788   | 749   | 742  | 763  |
| 9    | 737   | 722  | 733  | 735  | 761 | 768   | 702   | 724  | 681  | 733  | 759  | 751  | 740  | 748  | 751   | 758  | 770   | 794   | 766  | (825) | (849) | 797   | 755  | 759  |
| 10   | 748   | 741  | 738  | 739  | 750 | 763   | (674) | 725  | 702  | 731  | 712  | 743  | 742  | 738  | 754   | 766  | 803   | 782   | 771  | 790   | 784   | 749   | 761  | 754  |
| 11   | 750   | 738  | 742  | 759  | 745 | 758   | 742   | 747  | 736  | 689  | 742  | 759  | 753  | 727  | 753   | 798  | 782   | 800   | 757  | 777   | 767   | (838) | 760  | 753  |
| 12   | 720   | 727  | 737  | 734  | 756 | 772   | 742   | 752  | 736  | 741  | 749  | 756  | 745  | 728  | 759   | 744  | 778   | 769   | 795  | 784   | 776   | 746   | 752  | 752  |
| 13   | 740   | 740  | 744  | 721  | 750 | 746   | 742   | 714  | 744  | 701  | 751  | 756  | 751  | 745  | 762   | 740  | 797   | 802   | 777  | 770   | 766   | 715   | 753  | 760  |
| 14   | 720   | 730  | 732  | 711  | 761 | 743   | 733   | 733  | 739  | 741  | 767  | 778  | 733  | 744  | 773   | 746  | 784   | 768   | 788  | 806   | 765   | 788   | 750  | 764  |
| 15   | 760   | 743  | 746  | 734  | 769 | 742   | 736   | 737  | 740  | 738  | 750  | 710  | 742  | 741  | 773   | 733  | 762   | 770   | 815  | 772   | 764   | 747   | 748  | 716  |
| 16   | (681) | 735  | 743  | 691  | 710 | 746   | 731   | 736  | 753  | 729  | 751  | 726  | 732  | 750  | 751   | 766  | 806   | 757   | 763  | 773   | 785   | 749   | 765  | 723  |
| 17   | 730   | 742  | 746  | 727  | 756 | 725   | 722   | 753  | 756  | 744  | 742  | 739  | 730  | 752  | 775   | 759  | 776   | 761   | 772  | 765   | 765   | 757   | 752  | 741  |
| 18   | 724   | 740  | 746  | 735  | 753 | 686   | 757   | 741  | 751  | 734  | 750  | 741  | 739  | 752  | 726   | 747  | (829) | (710) | 771  | 789   | 763   | 759   | 786  | 747  |
| 19   | 730   | 750  | 732  | 725  | 734 | (647) | 736   | 744  | 756  | 745  | 721  | 748  | 740  | 745  | (812) | 755  | 817   | (671) | 782  | 796   | 780   | 751   | 773  | 749  |
| 20   | 736   | 740  | 729  | 750  | 735 | (650) | 749   | 772  | 745  | 733  | 729  | 746  | 746  | 732  | 726   | 770  | 775   | (680) | 804  | 743   | 764   | 753   | 745  | 746  |
| 21   | 744   | 701  | 739  | 741  | 761 | (614) | 763   | 734  | 744  | 744  | 748  | 759  | 738  | 767  | 741   | 786  | 782   | 753   | 779  | 760   | 767   | 770   | 741  | 790  |
| 22   | 710   | 725  | 727  | 735  | 754 | (621) | 752   | 741  | 735  | 697  | 745  | 758  | 738  | 723  | 746   | 768  | 768   | 778   | 796  | 765   | 754   | 754   | 737  | 752  |
| 23   | 711   | 757  | 742  | 738  | 746 | 762   | 754   | 749  | 732  | 687  | 742  | 708  | 729  | 735  | 760   | 735  | 781   | 766   | 789  | 766   | 765   | 769   | 742  | 762  |
| 24   | 734   | 745  | 748  | 748  | 756 | 737   | 707   | 745  | 733  | 715  | 741  | 743  | 737  | 752  | 762   | 763  | 784   | 790   | 770  | 767   | 760   | 744   | 738  | 756  |
| 25   | 731   | 745  | 731  | 746  | 747 | 740   | 730   | 734  | 704  | 718  | 746  | 696  | 728  | 751  | 753   | 776  | 792   | 788   | 773  | 772   | 766</ |       |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1863 | Jan. | Feb.  | Marz  | Apr.  | May | June  | July      | Aug. | Sep.  | Oct. | Nov.  | Dec. | Jan.   | Feb. | Marz | Apr.  | May | June | July  | Aug.  | Sep.   | Oct. | Nov. | Dec. |
|------|------|-------|-------|-------|-----|-------|-----------|------|-------|------|-------|------|--------|------|------|-------|-----|------|-------|-------|--------|------|------|------|
| 1    | 768  | 755   | 750   | 734   | 717 | 745   | 764       | 777  | 777   | 760  | 765   | 742  | 774    | 756  | 762  | 752   | 814 | 785  | 812   | 789   | 812    | 800  | 795  | 765  |
| 2    | 769  | 755   | 741   | 726   | 733 | 742   | 783       | 788  | 772   | 766  | 766   | 788  | 763    | 751  | 771  | 764   | 780 | 800  | 817   | (857) | 801    | 785  | 773  | 788  |
| 3    | 760  | 749   | 748   | 749   | 734 | 748   | 777       | 733  | 755   | 769  | 752   | 777  | 771    | 742  | 765  | 751   | 789 | 780  | 841   | 807   | 789    | 792  | 762  | 756  |
| 4    | 770  | 764   | 754   | 760   | 745 | 736   | 747       | 770  | 758   | 779  | 783   | 753  | 765    | 763  | 766  | 769   | 802 | 760  | 802   | 793   | 831    | 784  | 781  | 789  |
| 5    | 774  | 761   | (680) | 762   | 770 | 720   | 749       | 761  | 778   | 777  | (717) | 753  | 773    | 773  | 793  | 757   | 785 | 746  | 807   | 800   | 802    | 801  | 784  | 787  |
| 6    | 766  | 784   | 763   | 745   | 761 | 730   | 766       | 774  | 762   | 796  | 739   | 789  | 764    | 779  | 787  | 761   | 805 | 768  | 800   | 815   | 798    | 795  | 773  | 793  |
| 7    | 758  | 780   | 741   | 754   | 748 | 740   | 782       | 769  | 787   | 782  | 772   | 784  | 765    | 752  | 770  | 755   | 801 | 761  | 811   | 814   | 804    | 790  | 773  | 790  |
| 8    | 771  | 767   | 757   | 765   | 760 | 738   | 770       | 773  | 788   | 781  | 767   | 760  | 772    | 767  | 747  | 774   | 797 | 763  | 810   | 796   | 822    | 743  | 771  | 772  |
| 9    | 771  | 762   | 735   | 786   | 746 | 724   | 762       | 760  | 775   | 730  | 751   | 780  | 760    | 740  | 751  | (843) | 782 | 765  | 800   | 819   | 811    | 771  | 733  | 775  |
| 10   | 768  | 751   | 732   | 717   | 759 | (647) | 740       | 762  | 751   | 760  | 750   | 789  | 767    | 765  | 752  | 756   | 773 | 823  | 786   | 808   | (1042) | 781  | 763  | 785  |
| 11   | 741  | 754   | 720   | 753   | 768 | 732   | 773       | 771  | (703) | 755  | 757   | 773  | 782    | 767  | 756  | 782   | 780 | 794  | 803   | 802   | 809    | 808  | 756  | 787  |
| 12   | 754  | 754   | 757   | 744   | 760 | 752   | 769       | 759  | 756   | 753  | 765   | 775  | 756    | 752  | 758  | 787   | 803 | 800  | 785   | 794   | 802    | 767  | 757  | 746  |
| 13   | 752  | 760   | 743   | 749   | 749 | 771   | 771       | 769  | 773   | 749  | 767   | 737  | 757    | 759  | 752  | 788   | 792 | 795  | 812   | 789   | 794    | 798  | 778  | 772  |
| 14   | 707  | 757   | 728   | 703   | 743 | 757   | 755       | 756  | 745   | 766  | 769   | 765  | 757    | 771  | 758  | 777   | 789 | 829  | 809   | 838   | 784    | 781  | 780  | 756  |
| 15   | 748  | 752   | 761   | 770   | 727 | 750   | 752       | 725  | 766   | 772  | 765   | 762  | 765    | 769  | 759  | 784   | 777 | 815  | 791   | 826   | 784    | 796  | 760  | 781  |
| 16   | 758  | 752   | 757   | 721   | 735 | 732   | (624 697) | 739  | 767   | 768  | 771   | 765  | 765    | 765  | 764  | 771   | 768 | 807  | 804   | 827   | 755    | 783  | 765  | 779  |
| 17   | 756  | 757   | 765   | 700   | 754 | 733   | (693)     | 732  | 775   | 782  | 770   | 773  | 746    | 757  | 763  | 758   | 789 | 795  | 778   | 809   | 775    | 757  | 789  | 774  |
| 18   | 759  | 758   | 744   | 721   | 719 | 751   | 741       | 751  | 779   | 773  | 778   | 775  | 750    | 759  | 766  | 766   | 779 | 792  | (944) | 800   | 777    | 778  | 768  | 753  |
| 19   | 760  | 743   | 754   | 702   | 734 | 769   | 729       | 734  | 779   | 766  | 773   | 760  | 757    | 758  | 761  | 781   | 766 | 794  | 759   | 822   | 761    | 778  | 784  | 770  |
| 20   | 757  | 748   | 756   | 733   | 743 | 764   | 732       | 760  | 749   | 766  | 773   | 740  | 760    | 770  | 771  | 802   | 783 | 793  | 783   | 818   | 793    | 793  | 786  | 779  |
| 21   | 761  | 762   | 751   | 740   | 741 | 773   | 720       | 777  | 775   | 720  | 773   | 763  | 769    | 773  | 773  | 787   | 764 | 796  | 780   | 804   | 779    | 778  | 781  | 764  |
| 22   | 757  | 758   | 721   | 745   | 739 | 781   | 735       | 774  | 765   | 746  | 773   | 762  | 762    | 776  | 760  | 774   | 780 | 820  | 806   | 800   | 781    | 785  | 773  | 768  |
| 23   | 768  | 760   | 738   | 734   | 747 | 767   | 748       | 769  | 741   | 761  | 777   | 763  | 765    | 761  | 794  | 768   | 787 | 797  | 812   | 780   | 789    | 759  | 789  | 778  |
| 24   | 753  | 755   | 736   | 736   | 733 | 772   | 733       | 783  | 761   | 762  | 773   | 763  | 764    | 747  | 772  | 789   | 781 | 784  | 774   | 797   | 792    | 759  | 785  | 759  |
| 25   | 744  | 749   | 731   | 734   | 745 | 774   | 738       | 808  | 773   | 764  | 779   | 775  | (817)  | 766  | 779  | 769   | 762 | 796  | 808   | 767   | 779    | 773  | 771  | 768  |
| 26   | 725  | (702) | 734   | 735   | 767 | 761   | 778       | 782  | 764   | 766  | 780   | 789  | (1030) | 783  | 755  | 766   | 736 | 794  | 797   | 765   | 797    | 781  | 787  | 776  |
| 27   | 751  | 722   | 743   | (672) | 738 | 762   | 778       | 774  | 760   | 776  | 788   | 800  | 772    | 743  | 776  | 792   | 780 | 795  | 818   | 807   | 787    | 781  | 795  | 763  |
| 28   | 736  | 762   | 728   | 734   | 739 | 745   | 782       | 771  | 765   | 758  | 800   | 761  | 756    | 765  | 775  | 773   | 796 | 802  | 795   | 831   | 801    | 762  | 793  | 765  |
| 29   | 752  |       | 728   | 747   | 742 | 736   | 774       | 741  | 758   | 768  | 796   | 748  | 755    |      | 772  | 779   | 788 | 810  | 803   | 855   | 801    | 774  | 791  | 735  |
| 30   | 751  |       | 719   | 725   | 739 | 751   | 767       | 777  | 761   | 770  | 794   | 751  | 770    |      | 799  | 779   | 781 | 822  | 795   | 802   | 790    | 781  | 793  | 773  |
| 31   | 727  |       | 723   |       | 743 |       | 771       | 785  |       | 765  |       | 761  | 790    |      | 757  |       | 763 |      | 794   |       | 788    |      |      | 778  |
| Mean | 754  | 757   | 742   | 739   | 744 | 750   | 758       | 764  | 765   | 765  | 769   | 767  | 765    | 762  | 767  | 773   | 784 | 789  | 797   | 806   | 793    | 781  | 776  | 772  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1864 | Jan. | Feb. | Marz | Apr.  | May | June  | July | Aug.  | Sep.  | Oct. | Nov. | Dec. | Jan. | Feb. | Marz  | Apr. | May   | June | July  | Aug.  | Sep. | Oct.   | Nov. | Dec. |
|------|------|------|------|-------|-----|-------|------|-------|-------|------|------|------|------|------|-------|------|-------|------|-------|-------|------|--------|------|------|
| 1    | 736  | 778  | 780  | 731   | 767 | 753   | 779  | 785   | (721) | 794  | 784  | 798  | 764  | 775  | 777   | 812  | 789   | 776  | 838   | 810   | 846  | 822    | 779  | 795  |
| 2    | 779  | 787  | 762  | (703) | 764 | 765   | 819  | 781   | 762   | 793  | 784  | 804  | 781  | 779  | 782   | 773  | 800   | 801  | 846   | 817   | 802  | 833    | 781  | 823  |
| 3    | 768  | 781  | 764  | 738   | 716 | 763   | 791  | 784   | 780   | 789  | 783  | 795  | 764  | 786  | 788   | 789  | 779   | 803  | 829   | 830   | 818  | 803    | 785  | 811  |
| 4    | 768  | 785  | 761  | 750   | 759 | 767   | 778  | 800   | 780   | 796  | 786  | 805  | 769  | 795  | 790   | 784  | 790   | 777  | 826   | 804   | 812  | 806    | 765  | 811  |
| 5    | 765  | 781  | 748  | 734   | 761 | 775   | 796  | 800   | 784   | 803  | 793  | 811  | 763  | 794  | (839) | 800  | 791   | 791  | 816   | 822   | 813  | 802    | 789  | 809  |
| 6    | 764  | 771  | 745  | 736   | 730 | 767   | 795  | 789   | 775   | 800  | 783  | 811  | 758  | 782  | 807   | 809  | 785   | 802  | 828   | 816   | 860  | 796    | 792  | 812  |
| 7    | 763  | 772  | 725  | 724   | 764 | 763   | 803  | 802   | 800   | 797  | 787  | 819  | 773  | 781  | 802   | 783  | 787   | 831  | 832   | 823   | 812  | 820    | 800  | 814  |
| 8    | 769  | 775  | 759  | 729   | 773 | (589) | 807  | 772   | 782   | 803  | 786  | 812  | 770  | 776  | 789   | 797  | 792   | 804  | 844   | 815   | 805  | 823    | 797  | 818  |
| 9    | 755  | 784  | 745  | 737   | 780 | (907) | 812  | 773   | 784   | 785  | 789  | 811  | 767  | 769  | 771   | 786  | 801   | 850  | 818   | 828   | 816  | 803    | 798  | 798  |
| 10   | 763  | 772  | 763  | 756   | 779 | 776   | 814  | 782   | 779   | 795  | 774  | 805  | 763  | 748  | 790   | 776  | 793   | 788  | 834   | 823   | 827  | 780    | 790  | 820  |
| 11   | 765  | 751  | 800  | 756   | 789 | 775   | 820  | 780   | 809   | 782  | 774  | 795  | 775  | 772  | 793   | 780  | 777   | 797  | 834   | 811   | 823  | 796    | 800  | 801  |
| 12   | 766  | 766  | 781  | 761   | 774 | 782   | 808  | 774   | 788   | 801  | 747  | 803  | 775  | 773  | 771   | 778  | 791   | 826  | 838   | 800   | 815  | 794    | 769  | 804  |
| 13   | 767  | 767  | 759  | 782   | 783 | 790   | 779  | 725   | 792   | 759  | 785  | 803  | 784  | 759  | 792   | 780  | 800   | 821  | 841   | 823   | 829  | (1067) | 779  | 791  |
| 14   | 767  | 762  | 763  | 774   | 787 | 780   | 801  | 737   | 794   | 758  | 778  | 802  | 778  | 804  | 776   | 789  | 807   | 811  | 858   | (990) | 819  | 810    | 792  | 803  |
| 15   | 759  | 783  | 768  | 769   | 773 | 780   | 792  | 750   | 796   | 768  | 760  | 768  | 779  | 781  | 777   | 781  | 801   | 804  | 833   | 830   | 820  | 800    | 787  | 813  |
| 16   | 770  | 781  | 770  | 773   | 777 | 780   | 796  | 780   | 820   | 763  | 777  | 794  | 769  | 782  | 777   | 759  | 810   | 834  | 822   | 815   | 809  | 798    | 801  | 802  |
| 17   | 765  | 773  | 773  | 770   | 775 | 798   | 803  | 766   | (721) | 752  | 780  | 802  | 777  | 779  | 792   | 796  | 785   | 819  | 828   | 806   | 844  | 798    | 793  | 815  |
| 18   | 747  | 770  | 767  | 771   | 779 | 783   | 811  | 781   | 785   | 773  | 784  | 800  | 775  | 770  | 770   | 793  | 817   | 839  | 837   | 819   | 826  | 773    | 781  | 839  |
| 19   | 777  | 765  | 776  | 784   | 775 | 790   | 767  | 763   | 764   | 782  | 775  | 802  | 776  | 769  | 783   | 793  | 812   | 821  | (782) | 829   | 831  | 786    | 805  | 805  |
| 20   | 776  | 771  | 749  | 792   | 788 | 800   | 749  | 725   | 765   | 756  | 756  | 803  | 774  | 777  | 783   | 789  | (859) | 838  | 857   | 792   | 812  | 809    | 784  | 821  |
| 21   | 780  | 769  | 748  | 772   | 781 | 784   | 786  | 757   | 773   | 760  | 760  | 804  | 775  | 764  | 782   | 779  | 812   | 845  | 810   | 814   | 831  | 773    | 800  | 816  |
| 22   | 768  | 768  | 750  | 793   | 761 | 790   | 779  | (716) | 761   | 778  | 795  | 805  | 771  | 768  | 780   | 804  | 806   | 840  | 841   | 814   | 866  | 762    | 790  | 843  |
| 23   | 776  | 775  | 778  | 788   | 768 | (652) | 796  | 786   | 738   | 771  | 789  | 794  | 777  | 765  | 781   | 788  | 841   | 770  | 833   | 791   | 832  | 787    | 793  | 808  |
| 24   | 774  | 785  | 765  | 794   | 744 | 765   | 802  | 782   | 773   | 779  | 800  | 781  | 777  | 772  | 794   | 801  | 789   | 809  | 829   | 785   | 805  | 780    | 792  | 781  |
| 25   | 771  | 777  | 751  | 748   | 727 | 786   | 781  | 746   | 793   | 765  | 804  | 787  | 778  | 782  | 797   | 817  | 793   | 822  | 813   | 811   | 815  | 785    | 792  | 790  |
| 26   | 786  | 764  | 768  | 767   | 737 | 771   | 789  | 751   | 7     |      |      |      |      |      |       |      |       |      |       |       |      |        |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1865 | Jan. | Feb.  | Marz | Apr.  | May   | June | July  | Aug.  | Sep. | Oct.  | Nov.  | Dec. | Jan.  | Feb.  | Marz  | Apr. | May | June | July | Aug.   | Sep. | Oct. | Nov. | Dec. |
|------|------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|-------|------|-----|------|------|--------|------|------|------|------|
| 1    | 809  | 803   | 806  | 780   | 781   | 796  | 794   | 812   | 786  | 786   | 734   | 795  | 809   | 792   | 813   | 785  | 800 | 834  | 836  | 825    | 806  | 786  | 818  | 817  |
| 2    | 809  | 817   | 820  | 778   | 780   | 792  | 794   | 804   | 780  | 786   | 776   | 786  | 809   | 786   | 798   | 791  | 798 | 808  | 825  | 878    | 800  | 791  | 837  | 796  |
| 3    | 826  | 804   | 808  | 779   | 781   | 773  | 802   | (608) | 770  | 785   | 774   | 801  | 808   | 808   | 813   | 794  | 791 | 815  | 820  | (1069) | 808  | 782  | 788  | 801  |
| 4    | 818  | (736) | 819  | 784   | 781   | 786  | 802   | 786   | 769  | 781   | 769   | 796  | 810   | 762   | 816   | 800  | 813 | 820  | 842  | 817    | 803  | 787  | 803  | 796  |
| 5    | 809  | 801   | 828  | 793   | 782   | 786  | 801   | (690) | 771  | 768   | 767   | 793  | 809   | 768   | 809   | 797  | 813 | 796  | 859  | (1052) | 808  | 820  | 776  | 790  |
| 6    | 798  | 787   | 820  | 804   | 782   | 780  | 805   | 767   | 786  | (724) | 766   | 802  | (743) | 785   | 811   | 795  | 794 | 833  | 846  | 820    | 825  | 779  | 778  | 824  |
| 7    | 812  | 794   | 825  | 795   | 788   | 793  | 805   | 806   | 785  | 751   | 778   | 803  | 789   | 798   | 818   | 793  | 808 | 819  | 843  | 825    | 801  | 756  | 786  | 812  |
| 8    | 805  | 792   | 794  | 791   | 777   | 775  | 798   | 807   | 787  | 746   | 783   | 790  | 787   | 797   | 794   | 798  | 801 | 826  | 869  | 829    | 785  | 788  | 807  | 803  |
| 9    | 796  | 764   | 796  | 783   | 779   | 781  | 798   | 800   | 766  | 759   | 758   | 805  | 800   | 801   | 800   | 809  | 816 | 746  | 834  | 835    | 849  | 770  | 797  | 804  |
| 10   | 798  | 783   | 798  | 788   | 786   | 773  | 797   | 819   | 785  | 774   | 773   | 793  | (753) | 797   | 807   | 802  | 807 | 781  | 849  | 852    | 802  | 759  | 798  | 810  |
| 11   | 788  | 792   | 812  | 787   | 790   | 775  | 808   | 800   | 785  | 737   | (720) | 797  | (753) | 800   | 807   | 811  | 804 | 808  | 832  | (891)  | 811  | 790  | 778  | 805  |
| 12   | 800  | 795   | 808  | 780   | 773   | 769  | 811   | 781   | 780  | 778   | 775   | 798  | 798   | 802   | 819   | 804  | 805 | 809  | 845  | 840    | 806  | 784  | 805  | 805  |
| 13   | 813  | 791   | 800  | 778   | 782   | 770  | 819   | 826   | 785  | 775   | 787   | 808  | 795   | 806   | 814   | 807  | 840 | 800  | 829  | 866    | 806  | 775  | 786  | 820  |
| 14   | 808  | 805   | 802  | 791   | (714) | 770  | (741) | 817   | 785  | 742   | 776   | 806  | 809   | 807   | 805   | 810  | 854 | 820  | 827  | 828    | 819  | 780  | 798  | 811  |
| 15   | 823  | 793   | 786  | 781   | (731) | 763  | 796   | 813   | 779  | 742   | (726) | 794  | 803   | 809   | 781   | 806  | 821 | 814  | 825  | 843    | 811  | 764  | 787  | 804  |
| 16   | 807  | 760   | 771  | (736) | 769   | 748  | 795   | 790   | 800  | 741   | 787   | 796  | 811   | 788   | 825   | 817  | 849 | 818  | 827  | 843    | 808  | 781  | 780  | 813  |
| 17   | 796  | 795   | 768  | 787   | 751   | 787  | 809   | 791   | 777  | 755   | 803   | 807  | 806   | 763   | 825   | 798  | 832 | 812  | 873  | 839    | 833  | 789  | 798  | 813  |
| 18   | 804  | 773   | 793  | 790   | 770   | 791  | 773   | 824   | 788  | 768   | 803   | 841  | 802   | (863) | 779   | 791  | 839 | 836  | 883  | 839    | 809  | 786  | 800  | 817  |
| 19   | 809  | 795   | 782  | 753   | 785   | 788  | 817   | 796   | 792  | 777   | 800   | 801  | 808   | 808   | 800   | 789  | 802 | 820  | 864  | 869    | 807  | 766  | 807  | 810  |
| 20   | 795  | 788   | 769  | 782   | 795   | 802  | 802   | 790   | 784  | 767   | 801   | 807  | 816   | 772   | 834   | 808  | 809 | 822  | 851  | (894)  | 822  | 758  | 810  | 807  |
| 21   | 803  | (738) | 751  | 789   | 792   | 791  | 825   | 780   | 773  | 786   | 820   | 775  | 800   | 808   | 791   | 805  | 812 | 839  | 856  | 867    | 784  | 802  | 820  | 807  |
| 22   | 819  | 767   | 767  | 804   | 788   | 764  | 823   | 798   | 786  | 778   | 816   | 794  | 826   | 816   | 807   | 810  | 823 | 815  | 855  | 854    | 798  | 790  | 807  | 810  |
| 23   | 809  | 791   | 776  | 798   | 785   | 768  | 814   | 788   | 801  | 794   | 812   | 794  | 805   | 813   | 784   | 787  | 819 | 824  | 879  | 831    | 809  | 802  | 808  | 809  |
| 24   | 813  | 785   | 779  | 800   | 791   | 790  | 819   | 783   | 794  | 794   | 806   | 804  | 813   | 796   | 795   | 835  | 846 | 829  | 852  | 810    | 816  | 801  | 813  | 818  |
| 25   | 827  | 797   | 773  | 787   | 811   | 782  | 815   | 785   | 782  | 796   | 803   | 818  | 819   | 806   | 810   | 816  | 839 | 829  | 951  | 823    | 810  | 831  | 817  | 822  |
| 26   | 767  | 810   | 765  | 798   | 796   | 784  | 821   | 787   | 790  | 795   | 817   | 804  | 767   | 800   | 797   | 835  | 818 | 829  | 839  | 807    | 804  | 823  | 821  | 809  |
| 27   | 809  | 801   | 777  | 792   | 794   | 774  | 800   | (730) | 780  | 780   | 825   | 814  | 809   | 800   | (864) | 826  | 840 | 808  | 834  | 813    | 808  | 789  | 820  | 807  |
| 28   | 817  | 804   | 768  | 788   | 792   | 795  | 821   | 782   | 775  | 783   | 844   | 812  | 845   | 812   | 801   | 802  | 840 | 815  | 844  | 817    | 812  | 790  | 825  | 819  |
| 29   | 794  | 777   | 789  | 789   | 760   | 815  | 780   | 751   | 758  | 794   | 824   | 803  | 803   | 814   | 820   | 830  | 802 | 835  | 815  | 802    | 793  | 808  | 825  | 819  |
| 30   | 790  | 786   | 784  | 797   | 783   | 812  | 780   | 778   | 798  | 792   | 822   | 822  | 796   | 798   | 807   | 830  | 823 | 814  | 811  | 811    | 789  | 758  | 805  | 819  |
| 31   | 822  | 767   | 767  | 805   | 802   | 802  | 801   | 801   | 788  | 788   | 814   | 814  | 813   | 808   | 808   | 818  | 845 | 834  | 808  | 785    | 803  | 810  | 821  |      |
| Mean | 806  | 792   | 790  | 787   | 788   | 780  | 806   | 796   | 782  | 773   | 787   | 803  | 806   | 795   | 800   | 805  | 820 | 818  | 845  | 834    | 808  | 785  | 803  | 810  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1866 | Jan. | Feb.  | Marz | Apr.  | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz  | Apr. | May   | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|-------|------|-------|-----|------|------|------|------|------|------|------|------|------|-------|------|-------|------|------|------|------|------|------|------|
| 1    | 819  | 823   | 778  | 752   | 813 | 721  | 853  | 802  | 836  | 848  | 830  | 831  | 812  | 812  | 807   | 855  | 846   | 860  | 869  | 878  | 879  | 871  | 814  | 834  |
| 2    | 820  | 817   | 765  | 798   | 820 | 819  | 827  | 837  | 846  | 860  | 830  | 837  | 825  | 814  | 782   | 824  | 835   | 844  | 844  | 865  | 870  | 863  | 836  | 828  |
| 3    | 801  | 808   | 795  | 762   | 790 | 832  | 861  | 838  | 843  | 853  | 823  | 833  | 807  | 812  | 790   | 814  | 805   | 849  | 906  | 870  | 877  | 861  | 823  | 843  |
| 4    | 801  | 812   | 789  | (876) | 800 | 820  | 841  | 849  | 841  | 817  | 830  | 834  | 809  | 804  | 789   | 842  | 824   | 865  | 876  | 863  | 869  | 863  | 851  | 835  |
| 5    | 808  | 817   | 790  | 769   | 810 | 841  | 853  | 843  | 841  | 801  | 818  | 848  | 823  | 822  | 787   | 841  | 836   | 862  | 888  | 870  | 860  | 864  | 843  | 853  |
| 6    | 815  | 754   | 786  | 787   | 820 | 843  | 860  | 822  | 872  | 815  | 826  | 835  | 823  | 832  | 803   | 826  | 857   | 877  | 875  | 867  | 855  | 854  | 811  | 838  |
| 7    | 811  | 773   | 765  | 782   | 841 | 841  | 833  | 824  | 852  | 840  | 834  | 842  | 827  | 802  | 818   | 847  | 840   | 862  | 874  | 862  | 870  | 860  | 843  | 848  |
| 8    | 821  | 804   | 789  | 812   | 836 | 827  | 834  | 837  | 852  | 812  | 830  | 848  | 813  | 808  | 788   | 868  | 828   | 857  | 858  | 869  | 863  | 878  | 838  | 846  |
| 9    | 809  | 795   | 802  | 807   | 831 | 844  | 840  | 838  | 835  | 835  | 838  | 848  | 814  | 801  | 812   | 838  | 849   | 853  | 898  | 901  | 854  | 850  | 844  | 849  |
| 10   | 809  | 794   | 800  | 800   | 832 | 828  | 858  | 809  | 809  | 832  | 828  | 858  | 822  | 792  | 783   | 831  | 830   | 867  | 880  | 856  | 842  | 870  | 823  | 852  |
| 11   | 781  | 798   | 783  | 811   | 822 | 841  | 836  | 834  | 824  | 831  | 835  | 840  | 812  | 784  | 832   | 831  | 844   | 895  | 852  | 870  | 872  | 858  | 830  | 848  |
| 12   | 791  | 810   | 812  | (749) | 831 | 837  | 832  | 832  | 830  | 824  | 833  | 840  | 809  | 793  | 817   | 834  | 818   | 855  | 888  | 855  | 874  | 862  | 817  | 838  |
| 13   | 801  | 798   | 817  | 814   | 798 | 810  | 805  | 838  | 832  | 823  | 849  | 832  | 790  | 783  | 835   | 849  | (890) | 876  | 846  | 876  | 876  | 852  | 834  | 839  |
| 14   | 805  | 786   | 822  | 813   | 809 | 811  | 814  | 834  | 819  | 821  | 823  | 845  | 788  | 802  | 802   | 855  | 873   | 841  | 859  | 844  | 836  | 836  | 856  | 841  |
| 15   | 798  | 794   | 808  | 815   | 796 | 828  | 823  | 828  | 815  | 815  | 828  | 858  | 807  | 791  | 827   | 854  | 840   | 855  | 862  | 852  | 879  | 841  | 846  | 815  |
| 16   | 795  | 794   | 809  | 831   | 804 | 824  | 824  | 829  | 842  | 821  | 826  | 851  | 808  | 801  | 829   | 849  | 837   | 859  | 870  | 865  | 851  | 840  | 830  | 845  |
| 17   | 817  | 788   | 829  | 822   | 817 | 819  | 831  | 833  | 794  | 796  | 833  | 827  | 813  | 798  | 845   | 837  | 841   | 869  | 868  | 872  | 843  | 836  | 832  | 845  |
| 18   | 814  | 800   | 808  | 809   | 821 | 805  | 837  | 842  | 772  | 811  | 837  | 844  | 816  | 817  | 831   | 828  | 844   | 848  | 862  | 876  | 883  | 809  | 847  | 844  |
| 19   | 811  | 803   | 811  | 810   | 809 | 820  | 841  | 841  | 838  | 817  | 838  | 839  | 810  | 803  | (872) | 825  | 825   | 856  | 859  | 852  | 840  | 819  | 855  | 834  |
| 20   | 814  | 805   | 792  | 819   | 804 | 824  | 848  | 845  | 827  | 812  | 826  | 845  | 822  | 801  | 804   | 849  | 841   | 837  | 870  | 858  | 882  | 836  | 842  | 853  |
| 21   | 764  | (483) | 800  | 827   | 826 | 819  | 839  | 827  | 827  | 827  | 826  | 841  | 789  | 800  | 806   | 832  | 848   | 859  | 877  | 870  | 842  | 839  | 819  | 862  |
| 22   | 806  | 765   | 806  | 831   | 836 | 832  | 830  | 851  | 840  | 823  | 835  | 850  | 800  | 765  | 818   | 843  | 865   | 824  | 882  | 861  | 843  | 835  | 838  | 853  |
| 23   | 807  | 772   | 797  | 806   | 841 | 831  | 836  | 842  | 834  | 835  | 835  | 854  | 811  | 776  | 828   | 866  | 842   | 873  | 866  | 895  | 862  | 856  | 836  | 864  |
| 24   | 808  | 751   | 800  | 828   | 827 | 835  | 828  | 832  | 844  | 833  | 838  | 860  | 810  | 798  | 816   | 851  | 844   | 878  | 880  | 846  | 865  | 850  | 839  | 864  |
| 25   | 812  | 785   | 797  | 807   | 835 | 850  | 842  | 825  | 849  | 837  | 839  | 870  | 810  | 806  | 822   | 825  | 852   | 879  |      |      |      |      |      |      |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1867 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct.  | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep.  | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|------|-------|------|------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| 1    | 849  | 856  | 847  | 837  | 846 | 803  | 823  | 839  | 856  | 832   | 843  | 823  | 864  | 865  | 855  | 838  | 848 | 891  | 881  | 868  | 854   | 844  | 849  | 833  |
| 2    | 851  | 853  | 849  | 837  | 834 | 839  | 841  | 834  | 826  | 810   | 834  | 837  | 867  | 862  | 846  | 847  | 877 | 902  | 854  | 880  | 878   | 838  | 854  | 844  |
| 3    | 853  | 857  | 848  | 826  | 808 | 832  | 844  | 843  | 828  | 786   | 849  | 849  | 859  | 853  | 845  | 860  | 859 | 849  | 864  | 888  | 880   | 833  | 849  | 849  |
| 4    | 854  | 850  | 844  | 857  | 786 | 831  | 843  | 842  | 830  | 810   | 818  | 841  | 877  | 858  | 861  | 897  | 842 | 853  | 848  | 861  | 869   | 828  | 851  | 852  |
| 5    | 849  | 847  | 861  | 825  | 807 | 838  | 832  | 851  | 821  | 814   | 837  | 849  | 867  | 861  | 854  | 847  | 849 | 850  | 875  | 869  | 858   | 851  | 841  | 846  |
| 6    | 853  | 856  | 838  | 822  | 800 | 821  | 826  | 861  | 827  | 801   | 863  | 845  | 864  | 833  | 830  | 868  | 873 | 857  | 859  | 879  | 859   | 842  | 839  | 849  |
| 7    | 859  | 852  | 818  | 829  | 822 | 847  | 831  | 852  | 829  | 820   | 836  | 845  | 872  | 850  | 844  | 858  | 848 | 878  | 890  | 871  | 864   | 837  | 849  | 851  |
| 8    | 838  | 860  | 824  | 826  | 820 | 843  | 840  | 854  | 826  | 826   | 840  | 840  | 859  | 864  | 840  | 851  | 850 | 875  | 862  | 894  | 851   | 896  | 851  | 854  |
| 9    | 855  | 820  | 818  | 825  | 844 | 846  | 841  | 850  | 819  | 822   | 838  | 842  | 853  | 834  | 869  | 855  | 849 | 868  | 845  | 881  | 855   | 848  | 850  | 846  |
| 10   | 849  | 852  | 825  | 834  | 846 | 843  | 842  | 847  | 837  | 829   | 832  | 843  | 873  | 854  | 831  | 846  | 852 | 873  | 864  | 890  | 872   | 858  | 855  | 853  |
| 11   | 858  | 847  | 791  | 836  | 845 | 844  | 850  | 843  | 853  | 813   | 836  | 843  | 866  | 849  | 838  | 844  | 851 | 855  | 865  | 891  | 864   | 840  | 850  | 846  |
| 12   | 862  | 842  | 808  | 821  | 845 | 836  | 847  | 840  | 831  | 829   | 842  | 845  | 855  | 863  | 861  | 847  | 858 | 849  | 841  | 891  | 874   | 833  | 853  | 845  |
| 13   | 852  | 836  | 824  | 812  | 823 | 837  | 835  | 846  | 845  | 809   | 807  | 857  | 839  | 841  | 836  | 846  | 861 | 869  | 868  | 889  | 874   | 849  | 802  | 865  |
| 14   | 810  | 845  | 829  | 827  | 834 | 841  | 844  | 854  | 848  | 847   | 833  | 843  | 848  | 860  | 838  | 837  | 871 | 864  | 886  | 892  | 864   | 848  | 843  | 822  |
| 15   | 845  | 849  | 813  | 830  | 840 | 846  | 857  | 853  | 839  | 843   | 841  | 835  | 856  | 852  | 840  | 843  | 863 | 888  | 906  | 894  | 875   | 861  | 835  | 843  |
| 16   | 841  | 849  | 812  | 823  | 838 | 851  | 846  | 864  | 851  | 842   | 825  | 843  | 846  | 850  | 820  | 849  | 864 | 767  | 916  | 880  | 877   | 868  | 832  | 834  |
| 17   | 841  | 844  | 815  | 877  | 836 | 841  | 853  | 853  | 842  | 830   | 842  | 850  | 863  | 860  | 826  | 853  | 864 | 860  | 906  | 836  | 861   | 853  | 835  | 849  |
| 18   | 838  | 844  | 817  | 829  | 853 | 855  | 880  | 865  | 813  | 816   | 839  | 849  | 846  | 860  | 857  | 870  | 828 | 901  | 900  | 875  | 893   | 883  | 845  | 850  |
| 19   | 840  | 853  | 821  | 829  | 833 | 843  | 827  | 852  | 840  | 843   | 847  | 852  | 848  | 862  | 843  | 846  | 862 | 875  | 890  | 890  | 863   | 864  | 846  | 846  |
| 20   | 838  | 857  | 821  | 833  | 823 | 803  | 845  | 862  | 838  | 829   | 843  | 850  | 853  | 852  | 824  | 873  | 856 | 873  | 871  | 888  | 858   | 849  | 851  | 853  |
| 21   | 837  | 862  | 815  | 815  | 833 | 846  | 845  | 848  | 835  | 831   | 849  | 810  | 857  | 848  | 835  | 868  | 849 | 874  | 877  | 866  | 855   | 838  | 858  | 844  |
| 22   | 847  | 859  | 822  | 836  | 837 | 839  | 845  | 855  | 825  | 846   | 843  | 836  | 849  | 867  | 827  | 860  | 846 | 881  | 857  | 884  | 865   | 856  | 828  | 840  |
| 23   | 837  | 855  | 819  | 831  | 845 | 824  | 838  | 858  | 848  | 848   | 839  | 835  | 853  | 850  | 835  | 844  | 864 | 864  | 873  | 847  | 845   | 864  | 851  | 843  |
| 24   | 842  | 861  | 842  | 841  | 853 | 855  | 846  | 850  | 824  | 862   | 844  | 839  | 856  | 862  | 833  | 840  | 851 | 870  | 875  | 882  | (912) | 849  | 850  | 839  |
| 25   | 840  | 866  | 821  | 833  | 838 | 861  | 849  | 859  | 814  | 823   | 831  | 840  | 849  | 872  | 839  | 850  | 844 | 900  | 871  | 875  | 862   | 849  | 839  | 843  |
| 26   | 850  | 850  | 792  | 845  | 835 | 836  | 847  | 856  | 790  | 819   | 837  | 841  | 862  | 857  | 828  | 872  | 844 | 885  | 870  | 889  | 874   | 850  | 804  | 852  |
| 27   | 849  | 848  | 829  | 834  | 832 | 850  | 855  | 841  | 793  | 848   | 797  | 853  | 860  | 865  | 829  | 852  | 848 | 877  | 875  | 893  | 847   | 849  | 836  | 864  |
| 28   | 852  | 850  | 842  | 839  | 801 | 839  | 849  | 835  | 839  | 840   | 839  | 854  | 865  | 858  | 836  | 855  | 900 | 885  | 881  | 883  | 874   | 855  | 859  | 850  |
| 29   | 858  |      | 827  | 833  | 812 | 840  | 839  | 859  | 831  | 849   | 848  | 848  | 877  |      | 841  | 863  | 832 | 872  | 880  | 881  | 851   | 851  | 850  | 840  |
| 30   | 846  |      | 836  | 833  | 800 | 844  | 832  | 839  | 827  | (773) | 858  | 841  | 866  |      | 847  | 880  | 845 | 883  | 850  | 782  | 830   | 847  | 845  | 853  |
| 31   | 855  |      | 827  |      | 817 |      | 831  | 859  |      |       | 839  | 845  | 866  |      | 824  |      | 862 | 908  | 872  |      |       | 839  |      | 843  |
| Mean | 847  | 851  | 826  | 832  | 829 | 839  | 843  | 850  | 831  | 829   | 837  | 843  | 859  | 854  | 840  | 855  | 855 | 873  | 874  | 879  | 864   | 851  | 843  | 846  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1868 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov.  | Dec. | Jan. | Feb.  | Marz | Apr.  | May | June | July  | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|------|------|-------|------|------|-------|------|-------|-----|------|-------|------|------|------|------|------|
| 1    | 833  | 855  | 847  | 838  | 845 | 851  | 845  | 843  | 812  | 848  | 849   | 868  | 840  | 868   | 863  | 900   | 892 | 869  | 884   | 884  | 858  | 892  | 862  | 864  |
| 2    | 839  | 857  | 857  | 822  | 851 | 842  | 856  | 843  | 819  | 849  | 854   | 867  | 851  | 852   | 863  | (914) | 849 | 870  | 891   | 886  | 870  | 850  | 868  | 871  |
| 3    | 849  | 845  | 853  | 824  | 840 | 861  | 852  | 860  | 814  | 828  | 863   | 865  | 854  | 864   | 864  | 847   | 863 | 908  | 882   | 893  | 860  | 834  | 868  | 868  |
| 4    | 847  | 825  | 856  | 813  | 841 | 849  | 862  | 846  | 831  | 836  | 864   | 877  | 855  | 853   | 851  | 850   | 874 | 891  | 915   | 893  | 871  | 835  | 880  | 867  |
| 5    | 841  | 854  | 839  | 830  | 844 | 853  | 831  | 839  | 841  | 836  | 851   | 888  | 859  | 858   | 881  | 847   | 872 | 908  | 891   | 880  | 903  | 857  | 875  | 898  |
| 6    | 854  | 837  | 844  | 838  | 848 | 850  | 847  | 872  | 841  | 842  | 848   | 872  | 848  | 868   | 870  | 857   | 853 | 901  | 895   | 892  | 909  | 867  | 874  | 875  |
| 7    | 843  | 846  | 827  | 832  | 834 | 828  | 856  | 851  | 834  | 836  | 850   | 876  | 854  | 913   | 865  | 850   | 869 | 862  | 883   | 887  | 880  | 875  | 865  | 867  |
| 8    | 851  | 826  | 847  | 834  | 835 | 790  | 835  | 861  | 848  | 839  | 866   | 865  | 858  | 847   | 839  | 868   | 866 | 868  | 900   | 886  | 880  | 871  | 863  | 870  |
| 9    | 854  | 846  | 861  | 837  | 844 | 820  | 833  | 847  | 851  | 857  | 854   | 862  | 851  | 859   | 854  | 862   | 863 | 860  | 908   | 881  | 868  | 864  | 861  | 860  |
| 10   | 849  | 848  | 859  | 834  | 837 | 845  | 855  | 847  | 837  | 858  | 849   | 859  | 858  | 859   | 865  | 854   | 844 | 881  | 916   | 902  | 874  | 874  | 863  | 862  |
| 11   | 868  | 845  | 856  | 841  | 818 | 836  | 874  | 843  | 838  | 857  | 854   | 865  | 848  | 851   | 849  | 852   | 886 | 857  | 916   | 872  | 864  | 877  | 864  | 861  |
| 12   | 868  | 847  | 854  | 835  | 834 | 837  | 834  | 808  | 845  | 855  | 847   | 866  | 853  | 853   | 856  | 847   | 849 | 856  | 870   | 845  | 860  | 861  | 860  | 868  |
| 13   | 860  | 837  | 849  | 830  | 822 | 841  | 869  | 846  | 842  | 858  | 848   | 876  | 847  | 852   | 861  | 850   | 844 | 860  | 879   | 871  | 854  | 862  | 860  | 880  |
| 14   | 844  | 854  | 855  | 824  | 843 | 846  | 848  | 848  | 842  | 861  | 848   | 849  | 849  | 850   | 860  | 869   | 867 | 847  | 863   | 872  | 859  | 878  | 872  | 845  |
| 15   | 860  | 851  | 860  | 831  | 833 | 845  | 859  | 839  | 879  | 856  | 865   | 862  | 857  | 847   | 851  | 835   | 881 | 892  | 879   | 911  | 883  | 864  | 872  | 859  |
| 16   | 866  | 854  | 849  | 798  | 848 | 844  | 828  | 853  | 785  | 862  | 846   | 858  | 866  | 869   | 857  | 868   | 863 | 883  | 890   | 896  | 853  | 879  | 869  | 855  |
| 17   | 859  | 846  | 846  | 820  | 833 | 829  | 862  | 852  | 825  | 855  | 845   | 869  | 863  | 855   | 856  | 872   | 880 | 880  | 897   | 889  | 845  | 865  | 867  | 872  |
| 18   | 864  | 838  | 827  | 831  | 845 | 829  | 855  | 861  | 835  | 858  | 853   | 852  | 848  | 859   | 851  | 873   | 873 | 868  | 883   | 895  | 879  | 855  | 853  | 855  |
| 19   | 860  | 858  | 854  | 797  | 845 | 819  | 864  | 860  | 811  | 853  | (786) | 863  | 865  | 861   | 852  | 902   | 900 | 854  | (943) | 914  | 910  | 855  | 848  | 878  |
| 20   | 866  | 846  | 820  | 788  | 836 | 835  | 856  | 875  | 832  | 825  | 841   | 880  | 876  | 863   | 886  | 835   | 882 | 865  | 870   | 881  | 903  | 863  | 848  | 875  |
| 21   | 864  | 832  | 829  | 802  | 817 | 817  | 847  | 838  | 819  | 841  | 807   | 868  | 856  | 852   | 868  | 845   | 850 | 885  | 880   | 892  | 864  | 858  | 837  | 853  |
| 22   | 864  | 846  | 842  | 824  | 838 | 841  | 855  | 858  | 837  | 827  | 837   | 867  | 867  | 850   | 865  | 854   | 871 | 890  | 903   | 891  | 858  | 845  | 834  | 858  |
| 23   | 856  | 840  | 811  | 827  | 847 | 859  | 864  | 845  | 812  | 798  | 848   | 870  | 879  | 855   | 881  | 874   | 868 | 876  | 865   | 889  | 849  | 889  | 854  | 863  |
| 24   | 841  | 850  | 802  | 821  | 855 | 873  | 860  | 851  | 844  | 812  | 846   | 870  | 861  | 844   | 835  | 856   | 918 | 882  | 882   | 889  | 851  | 852  | 837  | 863  |
| 25   | 844  | 841  | 823  | 828  | 835 | 872  | 850  | 849  | 839  | 828  | 844   | 869  | 851  | 862   | 866  | 857   | 859 | 887  | 879   | 877  | 836  | 858  | 838  | 866  |
| 26   | 847  | 837  | 834  | 833  | 849 | 854  | 841  | 861  | 846  | 818  | 844   | 867  | 864  | 855</ |      |       |     |      |       |      |      |      |      |      |



9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1869 | Jan.  | Feb. | Marz | Apr.  | May | June | July  | Aug.  | Sep.  | Oct.  | Nov. | Dec. | Jan. | Feb.  | Marz  | Apr.  | May    | June | July  | Aug. | Sep.   | Oct. | Nov. | Dec. |
|------|-------|------|------|-------|-----|------|-------|-------|-------|-------|------|------|------|-------|-------|-------|--------|------|-------|------|--------|------|------|------|
| 1    | 842   | 880  | 853  | 812   | 845 | 853  | 843   | 860   | 843   | 831   | 820  | 837  | 864  | 866   | 856   | 850   | 878    | 867  | 870   | 893  | 868    | 836  | 845  | 842  |
| 2    | 876   | 859  | 850  | 839   | 844 | 838  | 852   | 855   | 839   | 817   | 824  | 845  | 867  | 874   | 850   | 866   | 869    | 872  | 884   | 877  | 886    | 844  | 861  | 852  |
| 3    | 868   | 841  | 820  | 829   | 835 | 830  | 843   | 860   | 810   | 832   | 834  | 839  | 863  | (916) | 881   | 878   | 870    | 848  | 860   | 881  | 874    | 816  | 836  | 839  |
| 4    | 875   | 824  | 812  | 827   | 815 | 832  | 807   | 856   | (676) | 818   | 832  | 852  | 863  | 849   | 836   | 816   | 834    | 872  | 916   | 884  | (924)  | 841  | 845  | 857  |
| 5    | 864   | 842  | 830  | (935) | 829 | 836  | 828   | 853   | 841   | 832   | 833  | 816  | 870  | 840   | 844   | 868   | 858    | 894  | 891   | 869  | 858    | 847  | 856  | 849  |
| 6    | 864   | 843  | 833  | 811   | 811 | 857  | 826   | 847   | 817   | 826   | 829  | 806  | 866  | 850   | 844   | 858   | 881    | 873  | 895   | 872  | 875    | 856  | 843  | 840  |
| 7    | 866   | 856  | 838  | 834   | 823 | 843  | 833   | 841   | 805   | 815   | 832  | 835  | 855  | 861   | 843   | 827   | 857    | 840  | 879   | 929  | 868    | 836  | 854  | 836  |
| 8    | 856   | 868  | 828  | 831   | 792 | 790  | 839   | 842   | 829   | 809   | 833  | 840  | 857  | 855   | 858   | 904   | (940)  | 844  | 879   | 877  | 878    | 819  | 836  | 832  |
| 9    | 858   | 864  | 829  | 839   | 792 | 816  | 854   | 810   | 831   | 815   | 810  | 830  | 860  | 866   | 847   | 888   | 852    | 886  | 882   | 864  | 876    | 838  | 795  | 841  |
| 10   | 862   | 873  | 804  | 790   | 809 | 820  | (945) | 805   | 802   | 822   | 795  | 855  | 864  | 868   | 852   | 870   | 883    | 865  | 882   | 869  | 877    | 845  | 827  | 859  |
| 11   | 869   | 866  | 820  | 818   | 830 | 843  | 835   | 836   | 843   | 840   | 804  | 863  | 861  | 864   | 841   | 872   | 893    | 870  | 909   | 843  | (929)  | 851  | 835  | 861  |
| 12   | 866   | 860  | 833  | 793   | 819 | 839  | 833   | 848   | 823   | 840   | 824  | 832  | 866  | 866   | 828   | 868   | 855    | 855  | 871   | 874  | 867    | 841  | 840  | 820  |
| 13   | 865   | 866  | 818  | 836   | 824 | 811  | 851   | 848   | 827   | 850   | 825  | 842  | 860  | 871   | 837   | 838   | 884    | 867  | 894   | 861  | 859    | 855  | 838  | 837  |
| 14   | 869   | 872  | 835  | 824   | 838 | 831  | 859   | 847   | (778) | 840   | 831  | 811  | 864  | 868   | 855   | 859   | 862    | 896  | 883   | 871  | 898    | 832  | 842  | 880  |
| 15   | 859   | 878  | 836  | 834   | 814 | 840  | 859   | 861   | 834   | 842   | 829  | 833  | 867  | 880   | 852   | 865*  | 861    | 863  | 882   | 886  | 864    | 848  | 825  | 852  |
| 16   | 867   | 876  | 838  | 807   | 817 | 842  | 856   | 809   | 797   | 841   | 833  | 836  | 872  | 875   | 870   | 870   | (1009) | 882  | 882   | 883  | 840    | 841  | 838  | 844  |
| 17   | 881   | 867  | 842  | 804   | 820 | 784  | 865   | 812   | 829   | (746) | 822  | 849  | 887  | 869   | 858   | 884   | 865    | 872  | 893   | 863  | 887    | 846  | 833  | 843  |
| 18   | 882   | 867  | 788  | 819   | 819 | 846  | 827   | 846   | 832   | 838   | 815  | 863  | 868  | 860   | 875   | 848   | 886    | 876  | 870   | 885  | 854    | 847  | 842  | 868  |
| 19   | 879   | 860  | 815  | 837   | 833 | 849  | (668) | 842   | 842   | 848   | 842  | 860  | 859  | 874   | 832   | 854   | 870    | 876  | (936) | 878  | 858    | 841  | 847  | 862  |
| 20   | 814   | 835  | 832  | 843   | 843 | 818  | 848   | 830   | 848   | 825   | 846  | 863  | 913  | 845   | 841   | 859   | 875    | 872  | 876   | 848  | 866    | 830  | 852  | 865  |
| 21   | (787) | 879  | 853  | 845   | 852 | 840  | 841   | 823   | 849   | 821   | 839  | 863  | 873  | 854   | 862   | 851   | 886    | 888  | 877   | 863  | 870    | 840  | 858  | 874  |
| 22   | 844   | 876  | 861  | 849   | 842 | 855  | 837   | 835   | 849   | 812   | 849  | 841  | 849  | 863   | 840   | 864   | 872    | 916  | (939) | 895  | 872    | 827  | 835  | 848  |
| 23   | 847   | 864  | 809  | 836   | 862 | 847  | 850   | 865   | 854   | 807   | 858  | 832  | 856  | 862   | 856   | 875   | 891    | 900  | 917   | 886  | 846    | 851  | 841  | 864  |
| 24   | 867   | 838  | 835  | 854   | 823 | 854  | 851   | 843   | 851   | 801   | 847  | 851  | 863  | 844   | 850   | 873   | 887    | 890  | 893   | 884  | 852    | 814  | 837  | 860  |
| 25   | 829   | 837  | 861  | 845   | 850 | 841  | 858   | 849   | (936) | 825   | 853  | 855  | 853  | 842   | 866   | 875   | 878    | 888  | 911   | 896  | 849    | 856  | 863  | 858  |
| 26   | 855   | 832  | 846  | 864   | 847 | 819  | 852   | 867   | 827   | 810   | 841  | 846  | 865  | 849   | 857   | 860   | 873    | 903  | 903   | 894  | 870    | 838  | 851  | 847  |
| 27   | 822   | 849  | 836  | 851   | 852 | 853  | 845   | 848   | 798   | 818   | 843  | 860  | 860  | 840   | 844   | 866   | 880    | 890  | 886   | 891  | 853    | 833  | 847  | 859  |
| 28   | 848   | 840  | 836  | 842   | 853 | 866  | 859   | (765) | 810   | 836   | 854  | 839  | 855  | 850   | 871   | 886   | 903    | 900  | 884   | 908  | (1064) | 821  | 866  | 848  |
| 29   | 865   |      | 818  | 850   | 853 | 841  | 861   | 848   | 828   | 828   | 854  | 848  | 865  |       | (914) | 868   | 868    | 889  | 868   | 864  | (1008) | 835  | 857  | 853  |
| 30   | 875   |      | 832  | 843   | 834 | 835  | 872   | 839   | 812   | 830   | 846  | 846  | 863  |       | 860   | (917) | 880    | 864  | 908   | 855  | 876    | 832  | 846  | 852  |
| 31   | 880   |      | 821  |       | 844 |      | 854   | 842   |       | 831   |      | 855  | 873  |       | 866   |       | 895    |      | 887   | 854  |        | 847  |      | 859  |
| Mean | 860   | 858  | 832  | 831   | 831 | 836  | 846   | 842   | 829   | 827   | 833  | 843  | 865  | 859   | 852   | 862   | 874    | 877  | 887   | 877  | 867    | 839  | 840  | 852  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1870 | Jan.  | Feb. | Marz  | Apr.  | May   | June  | July | Aug.  | Sep.  | Oct.  | Nov. | Dec. | Jan.  | Feb. | Marz | Apr. | May  | June | July  | Aug.  | Sep.   | Oct. | Nov. | Dec. |
|------|-------|------|-------|-------|-------|-------|------|-------|-------|-------|------|------|-------|------|------|------|------|------|-------|-------|--------|------|------|------|
| 1    | 875   | 854  | 839   | 793   | 819   | 835   | 842  | 834   | 821   | 833   | 861  | 874  | 878   | 841  | 864  | 825  | 837  | 870  | 863   | 852   | 834    | 836  | 875  | 872  |
| 2    | 840   | 805  | 833   | 812   | 803   | 835   | 850  | 856   | 811   | 828   | 862  | 877  | 839   | 858  | 849  | 832  | 846  | 863  | 861   | 852   | 857    | 851  | 871  | 898  |
| 3    | 867   | 835  | 852   | 793   | 842   | 841   | 859  | 835   | 803   | 829   | 868  | 884  | 814   | 844  | 867  | 803  | 875  | 877  | 885   | (983) | 846    | 866  | 876  | 865  |
| 4    | (794) | 846  | 846   | 803   | 832   | 831   | 835  | 843   | 828   | 842   | 867  | 887  | (793) | 856  | 873  | 822  | 918  | 845  | 896   | 885   | 873    | 862  | 876  | 881  |
| 5    | 819   | 847  | 854   | 837   | 838   | 829   | 843  | 850   | 791   | 848   | 862  | 898  | 828   | 856  | 869  | 814* | 863  | 861  | 884   | 877   | 853    | 854  | 854  | 875  |
| 6    | 849   | 814  | 852   | 812   | 822   | 835   | 834  | 842   | 826   | 855   | 861  | 872  | 834   | 832  | 880  | 805  | 851  | 877  | 925   | 905   | 874    | 870  | 879  | 865  |
| 7    | 844   | 826  | 853   | 816   | 816   | 843   | 841  | 824   | 833   | 855   | 836  | 861  | 846   | 827  | 862  | 805  | 874  | 867  | 886   | 849   | 861    | 862  | 859  | 874  |
| 8    | 849   | 830  | 856   | 787   | 836   | 857   | 822  | 843   | 800   | 854   | 848  | 871  | 873   | 839  | 873  | 821  | 854  | 867  | 889   | 876   | 867    | 884  | 874  | 877  |
| 9    | 840   | 852  | 834   | 802   | 828   | 828   | 820  | 829   | 832   | 847   | 816  | 868  | 842   | 835  | 836  | 826  | 849  | 866  | 874   | 882   | 889    | 867  | 891  | 875  |
| 10   | 814   | 829  | 827   | 864   | 829   | 855   | 840  | 822   | 852   | 830   | 821  | 870  | 839   | 845  | 831  | 807  | 875  | 895  | 913   | 896   | 869    | 849  | 837  | 865  |
| 11   | 849   | 829  | 821   | 801   | 831   | 836   | 834  | 868   | 851   | 839   | 829  | 845  | 852   | 842  | 806  | 827  | 860  | 877  | 879   | 858   | 877    | 852  | 836  | 838  |
| 12   | 853   | 812  | 815   | 836   | 837   | 853   | 850  | 851   | 843   | 810   | 836  | 860  | 854   | 840* | 832  | 808  | 873  | 847  | 863   | 859   | 879    | 855  | 850  | 837  |
| 13   | 864   | 797  | 817   | 808   | 819   | 788   | 841  | 837   | 822   | 838   | 851  | 877  | 857   | 838* | 833  | 829  | 891  | 914  | 881   | 870   | 917    | 855  | 857  | 863  |
| 14   | 860   | 805  | 815   | 762   | 826   | 819   | 836  | 855   | 827   | 838   | 849  | 858  | 851   | 836  | 822  | 845  | 894  | 896  | 891   | 876   | 866    | 861  | 856  | 870  |
| 15   | 855   | 817  | 834   | 815   | 810   | 800   | 826  | 856   | 842   | 800   | 843  | 857  | 849   | 837  | 809  | 857  | 885  | 873  | 879   | 893   | 876    | 812  | 873  | 852  |
| 16   | 868   | 820  | 829   | (745) | 783   | 797   | 845  | 832   | 795   | 806   | 850  | 886  | 856   | 840  | 835  | 881  | 874  | 888  | 897   | 870   | (926)  | 829  | 846  | 909  |
| 17   | 861   | 832  | 825   | 823   | 803   | (756) | 827  | 837   | 841   | 822   | 845  | 801  | 859   | 837  | 810  | 860  | 906  | 866  | 923   | 850   | 868    | 839  | 875* | 869* |
| 18   | 867   | 826  | 828   | 762   | 820   | 813   | 855  | 825   | 833   | 833   | 821  | 820  | 864   | 835  | 848  | 837  | 866  | 858  | 896   | 813   | 893    | 835  | 864  | 847  |
| 19   | 866   | 837  | 821   | 805   | 827   | 788   | 848  | 843   | 847   | 840   | 827  | 831  | 862   | 833  | 841  | 843  | 859  | 903  | 908   | 868   | 857    | 849  | 875* | 828  |
| 20   | 859   | 834  | 800   | 820   | (760) | 838   | 829  | 828   | 845   | 834   | 809  | 854  | 861   | 838  | 826  | 837  | 849* | 871  | 872   | (933) | 855    | 827  | 870  | 850  |
| 21   | 863   | 828  | 804   | 839   | 803   | 850   | 840  | 800   | 785   | 837   | 845  | 854* | 863   | 849  | 862  | 890  | 839  | 884  | 880   | 867   | (976)  | 829  | 856  | 853  |
| 22   | 849   | 817  | (658) | 805   | 809   | 839   | 837  | (763) | 791   | 829   | 871  | 852* | 868   | 828  | 806  | 861  | 873  | 864  | 876   | 856   | 834    | 839  | 842  | 855* |
| 23   | 844   | 822  | 801   | 815   | 810   | 845   | 845  | 797   | 822   | 845   | 851  | 852  | 838   | 881  | 808  | 863  | 873  | 862  | 884   | 893   | 871    | 858  | 866  | 858  |
| 24   | 841   | 811  | (894) | 820   | 794   | 846   | 863  | 805   | (749) | 831   | 852  | 861  | 843   | 858  | 844  | 876  | 872  | 873  | 875   | 861   | 908    | 888  | 874  | 868  |
| 25   | 841   | 815  | 804   | 828   | 830   | 850   | 847  | 783   | (702) | (750) | 831  | 842  | 851   | 835  | 839  | 845  | 872  | 866  | (940) | 873   | (1026) | 856* | 853  | 872  |
| 26   | 857   | 823  | 789   | 828   | 840   | 825   | 851  |       |       |       |      |      |       |      |      |      |      |      |       |       |        |      |      |      |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1871 | Jan. | Feb.  | Marz | Apr.  | May | June | July  | Aug. | Sep. | Oct. | Nov.  | Dec. | Jan. | Feb. | Marz | Apr.  | May   | June | July | Aug.   | Sep.  | Oct. | Nov. | Dec. |
|------|------|-------|------|-------|-----|------|-------|------|------|------|-------|------|------|------|------|-------|-------|------|------|--------|-------|------|------|------|
| 1    | 878  | 875   | 859  | 873   | 806 | 847  | 865   | 877  | 865  | 844  | 872   | 898  | 882  | 864  | 863  | 886   | 853   | 870  | 890  | 898    | 901   | 870  | 897  | 895  |
| 2    | 873  | 872   | 836  | (755) | 836 | 834  | 876   | 876  | 876  | 851  | 890   | 885  | 877  | 857  | 856  | 855   | 878   | 884  | 907  | 902    | 834   | 863  | 900  | 890  |
| 3    | 864  | 870   | 849  | 803   | 855 | 827  | 861   | 861  | 864  | 856  | 828   | 891  | 880  | 849  | 847  | 830   | 882   | 890  | 922  | 919    | 908   | 877  | 887  | 892  |
| 4    | 871  | 880   | 859  | 817   | 858 | 854  | 878   | 886  | 902  | 844  | (800) | 891  | 871  | 879  | 866  | 865   | 836   | 891  | 942  | 929    | 932   | 873  | 872  | 905  |
| 5    | 840  | 872   | 869  | 827   | 848 | 873  | 856   | 897  | 860  | 858  | 853   | 882  | 854  | 860  | 872  | 884   | 863   | 880  | 880  | 929    | 900   | 886  | 865  | 894  |
| 6    | 868  | 870   | 874  | 838   | 845 | 841  | 869   | 885  | 849  | 848  | 866   | 900  | 867  | 858  | 871  | 879   | 841   | 913  | 939  | 913    | 896   | 888  | 893  | 885  |
| 7    | 850  | 868   | 885  | 841   | 850 | 828  | 892   | 857  | 862  | 866  | 857   | 876  | 879  | 866  | 880  | 876   | 889   | 867  | 902  | 894    | (988) | 851  | 870  | 872  |
| 8    | 850  | 860   | 871  | 841   | 864 | 803  | 893   | 882  | 846  | 869  | 870   | 876  | 866  | 861  | 878  | (913) | (941) | 890  | 911  | 935    | 937   | 875  | 877  | 884  |
| 9    | 857  | 857   | 858  | 825   | 876 | 835  | 875   | 883  | 840  | 876  | 877   | 863  | 871  | 865  | 866  | 861   | 889   | 875  | 914  | 907    | 900   | 878  | 892  | 865  |
| 10   | 873  | 849   | 865  | 834   | 864 | 849  | 884   | 887  | 872  | 878  | 883   | 848  | 878  | 851  | 862  | 849   | 889   | 892  | 914  | 946    | 892   | 876  | 849  | 840  |
| 11   | 847  | 850   | 852  | 814   | 855 | 811  | 878   | 883  | 865  | 871  | 826   | 865  | 855  | 842  | 851  | 836   | 924   | 865  | 921  | 942    | 897   | 877  | 845  | 870  |
| 12   | 858  | 851   | 861  | 820   | 845 | 843  | 876   | 867  | 862  | 854  | 840   | 870  | 861  | 834  | 865  | 822   | 910   | 872  | 944  | 938    | 900   | 925  | 844  | 869  |
| 13   | 863  | (801) | 867  | 821   | 836 | 850  | 912   | 869  | 873  | 844  | 847   | 872  | 858  | 825  | 871  | 833   | 849   | 882  | 953  | 940    | 895   | 866  | 867  | 858  |
| 14   | 846  | 808   | 868  | 814   | 849 | 873  | 900   | 860  | 873  | 857  | 858   | 870  | 848  | 829  | 883  | 816   | 862   | 892  | 945  | 920    | 911   | 867  | 862  | 858  |
| 15   | 862  | 814   | 885  | (780) | 817 | 859  | 844   | 870  | 876  | 843  | 865   | 879  | 871  | 833  | 832  | 841   | 878   | 896  | 915  | 913    | 918   | 859  | 867  | 877  |
| 16   | 867  | 828   | 860  | 832   | 837 | 882  | 894   | 876  | 874  | 837  | 848   | 894  | 872  | 845  | 869  | 885   | 874   | 895  | 943  | 902    | 886   | 870  | 863  | 882  |
| 17   | 873  | 843   | 838  | (774) | 835 | 849  | 893   | 875  | 860  | 846  | 855   | 881  | 879  | 848  | 867  | 846   | 896   | 893  | 940  | 897    | (964) | 867  | 868  | 876  |
| 18   | 883  | 844   | 831  | 816   | 852 | 852  | 883   | 836  | 858  | 852  | 860   | 877  | 883  | 850  | 865  | 875   | 900   | 901  | 918  | 900    | 917   | 897  | 867  | 874  |
| 19   | 878  | 853   | 853  | 808   | 833 | 837  | 876   | 831  | 856  | 871  | 852   | 884  | 876  | 848  | 880  | 854   | (942) | 871  | 913  | 912    | 871   | 876  | 920  | 895  |
| 20   | 895  | 856   | 836  | 835   | 853 | 852  | 874   | 845  | 857  | 878  | 840   | 881  | 895  | 862  | 880  | 878   | 885   | 892  | 923  | 897    | 882   | 884  | 836  | 875  |
| 21   | 875  | 857   | 862  | 821   | 819 | 818  | 867   | 851  | 850  | 852  | 858   | 888  | 885  | 859  | 885  | 874   | 895   | 930  | 893  | 891    | 865   | 888  | 859  | 897  |
| 22   | 883  | 860   | 841  | 824   | 817 | 873  | (730) | 847  | 866  | 861  | 875   | 885  | 872  | 857  | 850  | 850   | 862   | 903  | 934  | 924    | 892   | 890  | 848  | 913  |
| 23   | 880  | 865   | 840  | 851   | 823 | 868  | 839   | 861  | 860  | 872  | 857   | 878  | 875  | 882  | 879  | 887   | 890   | 893  | 918  | (1012) | 893   | 891  | 873  | 885  |
| 24   | 882  | 872   | 832  | 794   | 844 | 871  | 839   | 809  | 870  | 867  | 865   | 886  | 887  | 883  | 898  | (991) | 905   | 884  | 906  | 900    | 879   | 894  | 869  | 875  |
| 25   | 886  | 844   | 842  | 794   | 857 | 853  | 880   | 815  | 872  | 865  | 880   | 875  | 884  | 885  | 893  | 834   | 876   | 932  | 930  | 911    | 895   | 892  | 874  | 893  |
| 26   | 861  | 849   | 842  | 840   | 838 | 865  | 856   | 836  | 891  | 867  | 877   | 910  | 880  | 876  | 872  | 855   | 872   | 908  | 912  | 903    | 886   | 884  | 897  | 883  |
| 27   | 862  | 847   | 869  | 857   | 874 | 836  | 869   | 853  | 869  | 856  | 884   | 893  | 881  | 873  | 865  | 882   | 890   | 905  | 888  | 898    | 870   | 890  | 890  | 893  |
| 28   | 867  | 845   | 818  | 845   | 840 | 863  | 895   | 865  | 865  | 883  | 885   | 901  | 880  | 875  | 823  | 892   | 896   | 913  | 925  | 884    | 873   | 887  | 881  | 912  |
| 29   | 873  |       | 848  | 838   | 846 | 855  | 883   | 857  | 858  | 876  | 887   | 900  | 880  |      | 855  | 834   | 904   | 913  | 928  | 893    | 885   | 893  | 888  | 905  |
| 30   | 858  |       | 842  | 828   | 846 | 870  | 863   | 868  | 855  | 887  | 888   | 890  | 868  |      | 864  | 845   | 897   | 915  | 904  | 924    | 902   | 891  | 898  | 898  |
| 31   | 862  |       | 856  |       | 861 |      | 877   | 866  |      | 882  |       | 892  | 862  |      | 881  |       | 898   |      | 911  |        | 888   |      | 900  | 890  |
| Mean | 867  | 854   | 854  | 827   | 844 | 849  | 871   | 862  | 865  | 862  | 864   | 883  | 873  | 858  | 867  | 858   | 882   | 894  | 918  | 912    | 897   | 881  | 874  | 884  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1872 | Jan. | Feb. | Marz | Apr. | May | June  | July  | Aug.  | Sep.  | Oct.  | Nov. | Dec. | Jan. | Feb. | Marz | Apr.  | May | June   | July   | Aug.  | Sep.   | Oct.   | Nov.   | Dec. |
|------|------|------|------|------|-----|-------|-------|-------|-------|-------|------|------|------|------|------|-------|-----|--------|--------|-------|--------|--------|--------|------|
| 1    | 902  | 857  | 881  | 875  | 900 | 890   | 895   | 840   | 883   | 858   | 883  | 918  | 903  | 879  | 898  | 881   | 925 | 914    | 939    | (964) | 904    | 888    | 888    | 908  |
| 2    | 902  | 879  | 865  | 882  | 843 | 892   | 905   | 868   | 881   | 849   | 863  | 919  | 903  | 876  | 870  | 914   | 909 | 911    | (974)  | 914   | 944    | 872    | 913    | 926  |
| 3    | 900  | 869  | 850  | 886  | 896 | 895   | 868   | 912   | 857   | 859   | 859  | 920  | 905  | 894  | 874  | 908   | 913 | (974)  | 907    | (973) | (1192) | 882    | 921    | 913  |
| 4    | 907  | 862  | 868  | 845  | 876 | 849   | 907   | 925   | 856   | 859   | 876  | 915  | 894  | 881  | 874  | 878   | 915 | 882    | 925    | 930   | 938    | 916    | 893    | 920  |
| 5    | 901  | 834  | 884  | 875  | 875 | 868   | 896   | (811) | 857   | 890   | 883  | 908  | 900  | 846  | 901  | 900   | 925 | 898    | 943    | 927   | 869    | 870    | 898    | 925  |
| 6    | 911  | 856  | 897  | 878  | 887 | 896   | 901   | 861   | 857   | 836   | 881  | 917  | 910  | 873  | 919  | 892   | 915 | 936    | 940    | 889   | 908    | 886    | 898    | 925  |
| 7    | 905  | 877  | 883  | 885  | 900 | 878   | 919   | 846   | 863   | 873   | 880  | 903  | 900  | 866  | 920  | 905   | 933 | 950    | 948    | 893   | 908    | 889    | 891    | 901  |
| 8    | 895  | 891  | 901  | 877  | 893 | 890   | (660) | 847   | 863   | 868   | 883  | 901  | 890  | 890  | 909  | 916   | 925 | 931    | 956    | 937   | 911    | 876    | 900    | 901  |
| 9    | 907  | 897  | 860  | 891  | 884 | 890   | 857   | (695) | 901   | 886   | 896  | 904  | 870  | 893  | 921  | 908   | 917 | 905    | 905    | (815) | (965)  | 894    | 910    | 895  |
| 10   | 892  | 895  | 881  | 888  | 834 | (815) | 865   | 842   | 867   | 872   | 892  | 895  | 891  | 909  | 908  | 934   | 911 | (1070) | 926    | 879   | 888    | 891    | (1030) | 906  |
| 11   | 904  | 900  | 880  | 833  | 846 | 849   | 880   | 863   | 887   | 888   | 895  | 906  | 894  | 898  | 940  | 881   | 910 | 907    | 911    | 886   | 938    | 896    | 898    | 913  |
| 12   | 905  | 890  | 883  | 886  | 887 | 871   | 892   | 867   | 881   | 897   | 870  | 911  | 882  | 894  | 935  | 890   | 902 | 919    | 929    | 888   | 935    | 912    | 881    | 905  |
| 13   | 878  | 901  | 890  | 835  | 871 | 900   | 922   | 884   | 874   | 903   | 860  | 906  | 881  | 906  | 890  | 864   | 933 | 915    | 914    | 938   | 919    | 913    | 860    | 908  |
| 14   | 874  | 900  | 881  | 881  | 903 | 892   | 896   | 886   | 870   | 868   | 874  | 904  | 885  | 895  | 891  | 871   | 910 | 898    | 918    | 915   | 901    | 897    | 878    | 908  |
| 15   | 871  | 905  | 885  | 895  | 896 | 880   | 884   | (698) | 878   | 856   | 881  | 879  | 878  | 922  | 895  | 932   | 920 | 917    | 922    | 884   | 914    | 911    | 895    | 903  |
| 16   | 869  | 905  | 885  | 874  | 903 | 895   | 877   | 830   | 886   | 867   | 877  | 898  | 886  | 896  | 908  | (824) | 915 | 918    | (971)  | 894   | 920    | 862    | 884    | 926  |
| 17   | 894  | 881  | 876  | 845  | 877 | 894   | 897   | 865   | 891   | (585) | 878  | 911  | 897  | 869  | 905  | 892   | 913 | 916    | 927    | 908   | 902    | (1344) | 889    | 887  |
| 18   | 892  | 903  | 888  | 853  | 854 | 897   | 889   | 853   | 836   | (683) | 886  | 902  | 893  | 900  | 922  | 937   | 907 | 919    | 937    | 905   | 884    | 868    | 901    | 912  |
| 19   | 895  | 897  | 888  | 842  | 895 | 902   | (744) | 870   | 850   | 932   | 898  | 897  | 905  | 894  | 896  | 892   | 896 | 923    | (869)  | 892   | 897    | 860    | 917    | 902  |
| 20   | 896  | 863  | 870  | 838  | 876 | 908   | 857   | 871   | 877   | 876   | 900  | 910  | 905  | 890  | 900  | 925   | 934 | 947    | 955    | 915   | 904    | 871    | 902    | 908  |
| 21   | 878  | 869  | 850  | 869  | 871 | 905   | 867   | 861   | 870   | 879   | 905  | 921  | 911  | 886  | 897  | 898   | 923 | (973)  | (1013) | 903   | 886    | 880    | 910    | 918  |
| 22   | 895  | 900  | 880  | 857  | 852 | 903   | 847   | 878   | 892   | 882   | 898  | 894  | 893  | 900  | 862  | 864   | 883 | 935    | 961    | 903   | 882    | 889    | 914    | 912  |
| 23   | 896  | 901  | 865  | 862  | 850 | 881   | 885   | 872   | 893   | 916   | 885  |      | 903  | 910  | 914  | 882   | 870 | 916    | 894    | 890   | 888    | 917    | 912    | 905  |
| 24   | 896  | 896  | 840  | 843  | 870 | 895   | 876   | 894   | 870   | 897   | 867  | 888  | 906  | 901  | 887  | 916   | 913 | 922    | 905    | 915   | 887    | 900    | 881    | 898  |
| 25   | 907  | 888  | 838  | 860  | 860 | 894   | 898   | 861   | 872   | 900   | 900  | 903  | 904  | 915  | 902  | 901   | 927 | 927    | 894    | 957   | (988)  | 897    | 901    | 910  |
| 26   | 903  | 870  | 866  | 875  | 853 | 909   | 904   | 865   | 868</ |       |      |      |      |      |      |       |     |        |        |       |        |        |        |      |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1873 | Jan. | Feb. | Marz  | Apr. | May | June | July   | Aug.   | Sep. | Oct. | Nov. | Dec. | Jan.  | Feb. | Marz | Apr.  | May   | June   | July   | Aug.   | Sep. | Oct. | Nov. | Dec. |
|------|------|------|-------|------|-----|------|--------|--------|------|------|------|------|-------|------|------|-------|-------|--------|--------|--------|------|------|------|------|
| 1    | 901  | 903  | 921   | 909  | 894 | 884  | 914    | 925    | 916  | 908  | 943  | 946  | 907   | 913  | 907  | 921   | 913   | (895)  | 989    | 956    | 968  | 937  | 939  | 952  |
| 2    | 916  | 900  | 907   | 867  | 905 | 923  | 942    | 953    | 927  | 927  | 890  | 952  | 926   | 919  | 918  | 944   | 911   | 952    | 987    | 962    | 977  | 935  | 946  | 950  |
| 3    | 927  | 905  | 902   | 898  | 903 | 928  | 935    | 942    | 939  | 933  | 942  | 960  | 936   | 900  | 918  | 876   | 920   | 954    | 957    | 966    | 958  | 927  | 949  | 957  |
| 4    | 896  | 897  | 918   | 896  | 904 | 900  | 951    | 952    | 960  | 925  | 939  | 965  | 927   | 908  | 914  | 911   | 936   | 957    | 960    | 952    | 953  | 930  | 945  | 964  |
| 5    | 914  | 915  | 895   | 896  | 911 | 930  | 953    | 972    | 950  | 897  | 946  | 957  | 932   | 914  | 891  | 924   | 918   | 974    | 967    | 916    | 947  | 954  | 845  | 964  |
| 6    | 907  | 910  | 895   | 885  | 914 | 939  | 936    | 917    | 921  | 935  | 965  | 963  | 908   | 906  | 900  | 923   | 924   | 974    | 983    | 914    | 946  | 957  | 943  | 963  |
| 7    | 909  | 911  | 893   | 865  | 917 | 930  | 937    | 928    | 930  | 945  | 930  | 965  | 896   | 907  | 930  | 894   | 948   | 957    | 995    | 1003   | 981  | 940  | 939  | 977  |
| 8    | 869  | 928  | 887   | 902  | 881 | 923  | 965    | 927    | 909  | 945  | 947  | 953  | 912   | 918  | 942  | 918   | 931   | 947    | 987    | 965    | 966  | 940  | 942  | 946  |
| 9    | 865  | 932  | (719) | 896  | 896 | 924  | 965    | 932    | 934  | 940  | 942  | 957  | 897   | 945  | 936  | 912   | 948   | 947    | 995    | 927    | 974  | 934  | 947  | 938  |
| 10   | 909  | 904  | (840) | 882  | 946 | 930  | 942    | 942    | 925  | 929  | 950  | 950  | 915   | 907  | 885  | 931   | 952   | 923    | 990    | 1000   | 959  | 935  | 953  | 930  |
| 11   | 931  | 922  | 885   | 891  | 928 | 926  | 936    | 929    | 939  | 888  | 942  | 950  | 902   | 892  | 886  | 942   | 941   | 956    | 975    | 965    | 960  | 933  | 943  | 946  |
| 12   | 906  | 896  | 902   | 867  | 916 | 919  | 940    | 915    | 926  | 926  | 917  | 950  | 943   | 909  | 897  | 915   | 944   | 988    | 989    | 951    | 944  | 938  | 939  | 959  |
| 13   | 908  | 906  | 900   | 886  | 925 | 907  | 935    | 913    | 916  | 924  | 926  | 950  | 915   | 921  | 947  | 945   | (981) | 948    | 996    | 932    | 946  | 938  | 909  | 946  |
| 14   | 918  | 898  | 890   | 881  | 904 | 908  | 941    | 924    | 905  | 925  | 918  | 947  | 925   | 904  | 906  | 915   | 935   | 963    | 968    | 953    | 960  | 940  | 912  | 940  |
| 15   | 918  | 916  | 894   | 883  | 910 | 910  | 917    | 932    | 936  | 929  | 924  | 925  | 927   | 915  | 922  | 923   | 922   | 969    | 938    | 953    | 943  | 951  | 916  | 939  |
| 16   | 929  | 905  | 879   | 892  | 892 | 928  | 942    | 935    | 927  | 898  | 933  | 936  | 932   | 936  | 895  | 944   | 902   | 932    | 971    | 980    | 943  | 927  | 926  | 940  |
| 17   | 929  | 912  | 907   | 912  | 868 | 935  | 898    | 940    | 928  | 925  | 939  | 944  | 922   | 914  | 931  | 928   | 925   | 948    | 1008   | 953    | 953  | 923  | 932  | 953  |
| 18   | 926  | 920  | 889   | 921  | 874 | 943  | 933    | 917    | 923  | 916  | 942  | 948  | 930   | 919  | 893  | (980) | 912   | 958    | 1015   | 952    | 942  | 937  | 941  | 952  |
| 19   | 917  | 923  | 897   | 873  | 897 | 927  | 941    | (1137) | 950  | 919  | 965  | 947  | (985) | 918  | 903  | 963   | 937   | 955    | 993    | 980    | 932  | 941  | 949  | 947  |
| 20   | 911  | 909  | 885   | 839  | 869 | 921  | 940    | 917    | 922  | 925  | 942  | 950  | (870) | 923  | 903  | 921   | 921   | 993    | (1034) | 975    | 934  | 929  | 954  | 948  |
| 21   | 917  | 901  | 903   | 878  | 892 | 942  | 929    | 920    | 919  | 946  | 938  | 950  | 914   | 917  | 906  | (974) | 923   | 971    | 984    | 948    | 936  | 947  | 951  | 937  |
| 22   | 922  | 903  | 889   | 868  | 898 | 957  | (1126) | 927    | 924  | 916  | 933  | 950  | 923   | 907  | 931  | 896   | 933   | 940    | 998    | 946    | 929  | 928  | 913  | 946  |
| 23   | 918  | 870  | 929   | 873  | 910 | 937  | 922    | 942    | 909  | 933  | 940  | 960  | 927   | 931  | 921  | 932   | 922   | 962    | 1013   | 975    | 957  | 933  | 941  | 960  |
| 24   | 906  | 887  | 881   | 893  | 868 | 950  | 926    | 890    | 929  | 927  | 945  | 942  | 939   | 913  | 906  | 916   | 910   | 1003   | 966    | (1017) | 933  | 935  | 937  | 942  |
| 25   | 886  | 902  | 892   | 887  | 907 | 958  | 942    | 915    | 925  | 936  | 947  | 942  | 930   | 903  | 914  | 921   | 941   | (1012) | 988    | 949    | 898  | 927  | 923  | 948  |
| 26   | 893  | 900  | 874   | 867  | 913 | 934  | 934    | 909    | 930  | 934  | 932  | 953  | 923   | 907  | 931  | 896   | 954   | 962    | 963    | 943    | 923  | 908  | 932  | 964  |
| 27   | 884  | 886  | 886   | 883  | 909 | 881  | 944    | 912    | 924  | 930  | 934  | 944  | 912   | 913  | 923  | 933   | 949   | 982    | 985    | 937    | 914  | 939  | 930  | 948  |
| 28   | 901  | 877  | 894   | 896  | 910 | 898  | 930    | 921    | 920  | 940  | 939  | 945  | 911   | 906  | 913  | 939   | 934   | 966    | 984    | 955    | 926  | 942  | 942  | 958  |
| 29   | 891  |      | 886   | 900  | 900 | 939  | 949    | 924    | 933  | 930  | 951  | 942  | 921   |      | 923  | 926   | 921   | 931    | 983    | 998    | 943  | 941  | 960  | 932  |
| 30   | 896  |      | 881   | 896  | 911 | 940  | 946    | (979)  | 919  | 942  | 947  | 944  | 908   |      | 901  | 923   | 915   | 953    | 972    | 966    | 916  | 938  | 951  | 950  |
| 31   | 896  |      | 877   |      | 931 |      | 961    | 915    |      | 934  |      | 947  | 906   |      | 915  |       | 939   |        | 965    | 960    |      | 944  |      | 954  |
| Mean | 907  | 905  | 894   | 886  | 903 | 926  | 938    | 927    | 927  | 927  | 938  | 949  | 920   | 914  | 913  | 922   | 929   | 959    | 982    | 958    | 945  | 937  | 938  | 950  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1874 | Jan. | Feb.  | Marz  | Apr.  | May | June | July  | Aug. | Sep.  | Oct.  | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct.   | Nov. | Dec. |
|------|------|-------|-------|-------|-----|------|-------|------|-------|-------|------|------|------|------|------|------|-----|------|------|------|------|--------|------|------|
| 1    | 940  | 928   | 956   | 951   | 900 | 917  | 941   | 940  | 925   | 936   | 973  | 961  | 950  | 932  | 949  | 912  | 932 | 950  | 981  | 1005 | 941  | 942    | 978  | 946  |
| 2    | 950  | 929   | 954   | (847) | 893 | 925  | 940   | 905  | 933   | 945   | 970  | 967  | 938  | 929  | 948  | 957  | 930 | 928  | 993  | 963  | 960  | 927    | 968  | 958  |
| 3    | 940  | 927   | 947   | 896   | 895 | 926  | 955   | 915  | 933   | 953   | 966  | 973  | 947  | 916  | 938  | 940  | 928 | 968  | 972  | 943  | 949  | 958    | 960  | 954  |
| 4    | 949  | 944   | 941   | 923   | 898 | 934  | 955   | 932  | 947   | (890) | 970  | 965  | 950  | 935  | 941  | 934  | 897 | 952  | 969  | 939  | 952  | (1184) | 972  | 961  |
| 5    | 932  | (882) | 941   | 923   | 888 | 944  | 965   | 929  | 935   | (836) | 965  | 964  | 942  | 900  | 927  | 932  | 918 | 960  | 972  | 958  | 956  | 933    | 967  | 964  |
| 6    | 936  | 897   | 945   | 931   | 906 | 940  | 958   | 936  | 951   | 918   | 973  | 969  | 949  | 907  | 947  | 938  | 920 | 944  | 959  | 966  | 971  | 948    | 966  | 969  |
| 7    | 950  | 902   | 943   | 925   | 906 | 949  | 951   | 942  | 946   | 920   | 971  | 973  | 944  | 890  | 954  | 947  | 923 | 945  | 1000 | 958  | 945  | 930    | 974  | 977  |
| 8    | 955  | 913   | (404) | (861) | 918 | 886  | 943   | 932  | 925   | 930   | 963  | 969  | 945  | 915  | 905  | 937  | 933 | 922  | 944  | 958  | 956  | 926    | 983  | 963  |
| 9    | 947  | 936   | 906   | 930   | 920 | 910  | 960   | 929  | 930   | 925   | 973  | 984  | 946  | 932  | 913  | 981  | 942 | 951  | 946  | 945  | 956  | 929    | 981  | 953  |
| 10   | 958  | 941   | 920   | 923   | 926 | 910  | 946   | 941  | (873) | 926   | 971  | 977  | 955  | 918  | 918  | 933  | 931 | 959  | 1004 | 984  | 940  | 937    | 986  | 973  |
| 11   | 954  | 927   | 928   | 931   | 911 | 918  | 961   | 932  | 916   | 936   | 981  | 975  | 958  | 904  | 933  | 943  | 938 | 938  | 981  | 992  | 944  | 944    | 981  | 974  |
| 12   | 971  | 936   | 930   | 928   | 926 | 935  | 937   | 934  | 928   | 936   | 962  | 975  | 960  | 937  | 950  | 941  | 950 | 937  | 963  | 989  | 956  | 935    | 986  | 970  |
| 13   | 952  | 931   | 904   | 951   | 919 | 909  | (982) | 910  | 916   | 933   | 967  | 970  | 965  | 918  | 915  | 949  | 941 | 945  | 951  | 959  | 942  | 949    | 963  | 971  |
| 14   | 950  | 936   | 918   | 926   | 926 | 912  | 945   | 930  | 943   | 920   | 963  | 977  | 949  | 930  | 931  | 925  | 934 | 935  | 942  | 940  | 953  | 949    | 957  | 972  |
| 15   | 947  | 948   | 916   | 926   | 914 | 902  | 954   | 912  | 941   | 938   | 965  | 982  | 948  | 932  | 946  | 942  | 929 | 958  | 940  | 976  | 961  | 955    | 957  | 964  |
| 16   | 942  | 952   | 921   | 925   | 908 | 925  | 945   | 920  | 952   | 930   | 964  | 966  | 947  | 943  | 947  | 941  | 950 | 949  | 960  | 943  | 969  | 949    | 992  | 952  |
| 17   | 940  | 945   | 928   | 921   | 930 | 932  | 932   | 934  | 935   | 937   | 978  | 964  | 969  | 942  | 949  | 942  | 932 | 950  | 974  | 948  | 962  | 958    | 975  | 963  |
| 18   | 909  | 935   | 942   | 937   | 922 | 900  | 948   | 939  | 935   | 963   | 971  | 968  | 971  | 946  | 937  | 954  | 939 | 954  | 980  | 957  | 960  | 965    | 966  | 969  |
| 19   | 950  | 942   | 936   | 931   | 927 | 934  | 951   | 925  | 940   | 951   | 971  | 970  | 945  | 939  | 949  | 949  | 953 | 968  | 952  | 975  | 940  | 965    | 972  | 967  |
| 20   | 936  | 951   | 920   | 925   | 944 | 939  | 946   | 941  | 932   | 933   | 973  | 975  | 937  | 947  | 951  | 938  | 943 | 987  | 967  | 957  | 944  | 959    | 972  | 967  |
| 21   | 954  | 946   | 928   | 926   | 919 | 934  | 950   | 946  | 942   | 955   | 961  | 987  | 939  | 948  | 935  | 938  | 959 | 951  | 970  | 960  | 947  | 960    | 958  | 996  |
| 22   | 952  | 953   | 934   | 927   | 929 | 942  | 951   | 944  | 942   | 956   | 961  | 969  | 945  | 952  | 936  | 925  | 951 | 955  | 984  | 966  | 944  | 959    | 966  | 963  |
| 23   | 953  | 954   | 942   | 941   | 927 | 929  | 964   | 933  | 954   | 952   | 949  | 973  | 950  | 956  | 958  | 957  | 936 | 943  | 959  | 945  | 947  | 970    | 973  | 967  |
| 24   | 952  | 955   | 953   | 941   | 921 | 936  | 937   | 946  | 937   | 938   | 938  | 971  | 955  | 953  | 962  | 947  | 932 | 968  | 972  | 963  | 939  | 958    | 965  | 974  |
| 25   | 947  | 960   | 959   | 917   | 935 | 945  | 921   | 931  | 943   | 950   | 959  | 971  | 947  | 958  | 958  | 950  | 949 | 983  | 969  | 944  | 945  | 949    | 963  | 974  |
| 26   | 9    |       |       |       |     |      |       |      |       |       |      |      |      |      |      |      |     |      |      |      |      |        |      |      |



9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1875 | Jan. | Feb.   | Marz | Apr.  | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|--------|------|-------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|
| 1    | 969  | (1297) | 939  | 951   | 950 | 967  | 965  | 962  | 955  | 964  | 973  | 967  | 965  | 1004 | 949  | 955  | 969 | 982  | 970  | 970  | 972  | 973  | 959  | 966  |
| 2    | 972  | 991    | 945  | 944   | 957 | 967  | 964  | 955  | 969  | 954  | 955  | 966  | 962  | 973  | 954  | 961  | 968 | 1015 | 989  | 991  | 979  | 960  | 944  | 966  |
| 3    | 975  | 988    | 947  | 956   | 952 | 964  | 946  | 966  | 950  | 969  | 941  | 991  | 979  | 985  | 951  | 959  | 977 | 982  | 993  | 998  | 988  | 964  | 941  | 975  |
| 4    | 964  | 993    | 958  | 956   | 964 | 949  | 975  | 966  | 934  | 962  | 935  | 976  | 962  | 985  | 951  | 970  | 983 | 987  | 997  | 979  | 974  | 965  | 958  | 970  |
| 5    | 972  | 992    | 953  | 960   | 920 | 967  | 984  | 968  | 962  | 956  | 971  | 969  | 973  | 984  | 958  | 970  | 951 | 981  | 991  | 974  | 988  | 958  | 968  | 976  |
| 6    | 984  | 990    | 953  | 959   | 945 | 965  | 964  | 978  | 962  | 948  | 982  | 980  | 978  | 977  | 970  | 977  | 980 | 971  | 982  | 989  | 984  | 965  | 974  | 987  |
| 7    | 985  | 990    | 960  | (902) | 940 | 972  | 962  | 971  | 963  | 956  | 980  | 961  | 985  | 981  | 955  | 987  | 983 | 977  | 975  | 990  | 998  | 953  | 981  | 967  |
| 8    | 981  | 979    | 920  | (905) | 943 | 969  | 968  | 961  | 967  | 953  | 979  | 975  | 968  | 984  | 958  | 963  | 977 | 990  | 977  | 972  | 984  | 962  | 994  | 967  |
| 9    | 977  | 986    | 960  | 958   | 967 | 951  | 960  | 975  | 940  | 956  | 983  | 981  | 983  | 994  | 971  | 967  | 972 | 976  | 974  | 989  | 945  | 950  | 976  | 971  |
| 10   | 982  | 976    | 964  | 957   | 957 | 954  | 971  | 968  | 954  | 965  | 981  | 970  | 982  | 974  | 967  | 970  | 983 | 986  | 983  | 977  | 976  | 977  | 981  | 974  |
| 11   | 989  | 977    | 970  | 960   | 916 | 939  | 948  | 976  | 985  | 959  | 980  | 968  | 981  | 978  | 972  | 964  | 976 | 973  | 990  | 1000 | 998  | 956  | 975  | 973  |
| 12   | 997  | 979    | 962  | 980   | 933 | 945  | 950  | 961  | 986  | 959  | 981  | 971  | 987  | 956  | 961  | 970  | 989 | 975  | 969  | 1002 | 979  | 973  | 970  | 974  |
| 13   | 997  | 961    | 979  | 965   | 968 | 957  | 949  | 973  | 964  | 967  | 975  | 980  | 985  | 976  | 978  | 984  | 979 | 986  | 962  | 993  | 989  | 969  | 974  | 978  |
| 14   | 985  | 971    | 954  | 954   | 956 | 967  | 938  | 982  | 970  | 967  | 979  | 969  | 989  | 971  | 971  | 965  | 961 | 978  | 958  | 1008 | 981  | 972  | 966  | 967  |
| 15   | 982  | 975    | 961  | 964   | 963 | 963  | 962  | 955  | 969  | 955  | 972  | 969  | 983  | 976  | 967  | 989  | 956 | 977  | 934  | 998  | 988  | 953  | 971  | 969  |
| 16   | 985  | 983    | 960  | 947   | 951 | 953  | 956  | 965  | 914  | 970  | 975  | 980  | 979  | 981  | 960  | 985  | 997 | 983  | 954  | 995  | 990  | 957  | 984  | 970  |
| 17   | 980  | 980    | 954  | 960   | 946 | 958  | 946  | 970  | 948  | 953  | 975  | 983  | 987  | 982  | 965  | 972  | 972 | 992  | 978  | 992  | 980  | 966  | 974  | 982  |
| 18   | 972  | 985    | 952  | 956   | 946 | 963  | 967  | 977  | 954  | 959  | 967  | 967  | 981  | 980  | 959  | 979  | 960 | 995  | 982  | 984  | 984  | 966  | 979  | 967  |
| 19   | 970  | 973    | 944  | 951   | 951 | 969  | 967  | 965  | 951  | 970  | 972  | 992  | 970  | 995  | 970  | 993  | 979 | 977  | 970  | 988  | 979  | 987  | 975  | 990  |
| 20   | 964  | 983    | 943  | 961   | 946 | 960  | 962  | 963  | 963  | 959  | 976  | 976  | 968  | 986  | 961  | 985  | 984 | 992  | 973  | 985  | 965  | 987  | 974  | 977  |
| 21   | 975  | 996    | 940  | 972   | 956 | 958  | 967  | 968  | 966  | 955  | 977  | 973  | 974  | 990  | 1001 | 959  | 975 | 978  | 971  | 1000 | 954  | 972  | 972  | 979  |
| 22   | 973  | 984    | 942  | 981   | 948 | 970  | 963  | 972  | 963  | 952  | 932  | 983  | 951  | 978  | 944  | 984  | 964 | 979  | 966  | 990  | 960  | 970  | 949  | 980  |
| 23   | 968  | 992    | 946  | 955   | 931 | 981  | 967  | 968  | 954  | 961  | 956  | 984  | 962  | 972  | 954  | 970  | 973 | 990  | 978  | 967  | 967  | 969  | 963  | 983  |
| 24   | 971  | 983    | 936  | 970   | 938 | 993  | 957  | 962  | 951  | 966  | 972  | 980  | 971  | 975  | 954  | 968  | 992 | 979  | 981  | 980  | 966  | 976  | 973  | 986  |
| 25   | 983  | 970    | 946  | 951   | 948 | 975  | 958  | 972  | 955  | 976  | 963  | 984  | 962  | 987  | 955  | 968  | 977 | 978  | 1002 | 981  | 968  | 963  | 931  | 990  |
| 26   | 961  | 971    | 959  | 956   | 943 | 979  | 977  | 978  | 959  | 958  | 969  | 978  | 952  | 980  | 977  | 960  | 975 | 981  | 1005 | 1003 | 954  | 982  | 967  | 976  |
| 27   | 968  | (921)  | 963  | 950   | 948 | 970  | 961  | 982  | 955  | 955  | 973  | 981  | 968  | 969  | 943  | 957  | 980 | 1005 | 981  | 991  | 960  | 952  | 971  | 976  |
| 28   | 980  | 936    | 939  | 930   | 957 | 972  | 971  | 973  | 960  | 960  | 971  | 978  | 962  | 958  | 959  | 957  | 984 | 995  | 996  | 1007 | 963  | 971  | 972  | 977  |
| 29   | 986  |        | 957  | 950   | 955 | 976  | 951  | 961  | 985  | 962  | 979  | 980  | 996  |      | 933  | 996  | 982 | 958  | 991  | 960  | 975  | 967  | 978  | 979  |
| 30   | 982  |        | 969  | 938   | 962 | 949  | 957  | 964  | 967  | 963  | 964  | 985  | 984  |      | 959  | 960  | 983 | 985  | 986  | 1006 | 964  | 968  | 965  | 986  |
| 31   | 985  |        | 957  | 953   |     | 941  | 954  |      | 957  |      |      | 996  | 977  |      | 970  |      | 985 | 962  | 995  |      | 969  |      | 990  |      |
| Mean | 978  | 980    | 953  | 957   | 949 | 964  | 960  | 968  | 959  | 960  | 970  | 977  | 974  | 980  | 961  | 971  | 976 | 983  | 978  | 989  | 975  | 967  | 969  | 976  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1876 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May  | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1    | 989  | 986  | 965  | 962  | 970 | 965  |      |      |      |      |      |      | 985  | 981  | 976  | 964  | 974  | 995  |      |      |      |      |      |      |
| 2    | 985  | 987  | 967  | 968  | 976 | 965  |      |      |      |      |      |      | 971  | 981  | 966  | 973  | 979  | 986  |      |      |      |      |      |      |
| 3    | 986  | 991  | 972  | 968  | 980 | 975  |      |      |      |      |      |      | 981  | 989  | 976  | 977  | 983  | 984  |      |      |      |      |      |      |
| 4    | 982  | 989  | 970  | 972  | 975 | 975  |      |      |      |      |      |      | 985  | 984  | 982  | 979  | 988  | 998  |      |      |      |      |      |      |
| 5    | 980  | 978  | 962  | 977  | 973 | 969  |      |      |      |      |      |      | 977  | 980  | 968  | 966  | 997  | 993  |      |      |      |      |      |      |
| 6    | 983  | 965  | 985  | 873  | 974 | 973  |      |      |      |      |      |      | 983  | 978  | 982  | 1001 | 992  | 996  |      |      |      |      |      |      |
| 7    | 978  | 978  | 976  | 981  | 975 | 971  |      |      |      |      |      |      | 977  | 975  | 971  | 984  | 994  | 1002 |      |      |      |      |      |      |
| 8    | 976  | 972  | 986  | 978  | 955 | 975  |      |      |      |      |      |      | 983  | 963  | 976  | 976  | 980  | 997  |      |      |      |      |      |      |
| 9    | 979  | 975  | 977  | 966  | 958 | 983  |      |      |      |      |      |      | 973  | 981  | 985  | 982  | 976  | 996  |      |      |      |      |      |      |
| 10   | 976  | 976  | 978  | 972  | 972 | 977  |      |      |      |      |      |      | 973  | 970  | 990  | 977  | 984  | 1004 |      |      |      |      |      |      |
| 11   | 983  | 982  | 984  | 967  | 971 | 981  |      |      |      |      |      |      | 973  | 969  | 1010 | 977  | 979  | 1033 |      |      |      |      |      |      |
| 12   | 985  | 980  | 981  | 973  | 969 | 961  |      |      |      |      |      |      | 982  | 966  | 987  | 976  | 992  | 1002 |      |      |      |      |      |      |
| 13   | 983  | 984  | 979  | 963  | 967 | 996  |      |      |      |      |      |      | 971  | 985  | 994  | 953  | 977  | 1012 |      |      |      |      |      |      |
| 14   | 975  | 975  | 975  | 960  | 975 | 996  |      |      |      |      |      |      | 984  | 971  | 983  | 975  | 987  | 1020 |      |      |      |      |      |      |
| 15   | 967  | 970  | 976  | 972  | 972 | 991  |      |      |      |      |      |      | 973  | 975  | 991  | 974  | 992  | 1019 |      |      |      |      |      |      |
| 16   | 981  | 971  | 982  | 971  | 965 | 997  |      |      |      |      |      |      | 976  | 964  | 978  | 990  | 998  | 1010 |      |      |      |      |      |      |
| 17   | 976  | 978  | 977  | 963  | 970 | 984  |      |      |      |      |      |      | 984  | 964  | 973  | 978  | 975  | 1027 |      |      |      |      |      |      |
| 18   | 979  | 980  | 976  | 953  | 968 | 981  |      |      |      |      |      |      | 996  | 964  | 971  | 973  | 981  | 1015 |      |      |      |      |      |      |
| 19   | 999  | 977  | 973  | 984  | 961 | 985  |      |      |      |      |      |      | 993  | 983  | 977  | 968  | 984  | 1001 |      |      |      |      |      |      |
| 20   | 983  | 983  | 981  | 942  | 964 | 1001 |      |      |      |      |      |      | 982  | 957  | 975  | 981  | 1000 | 1021 |      |      |      |      |      |      |
| 21   | 981  | 972  | 966  | 949  | 958 | 994  |      |      |      |      |      |      | 982  | 968  | 979  | 972  | 981  | 990  |      |      |      |      |      |      |
| 22   | 981  | 964  | 964  | 975  | 967 | 992  |      |      |      |      |      |      | 993  | 967  | 984  | 976  | 1001 | 1000 |      |      |      |      |      |      |
| 23   | 1004 | 971  | 966  | 975  | 953 | 984  |      |      |      |      |      |      | 981  | 970  | 974  | 993  | 973  | 992  |      |      |      |      |      |      |
| 24   | 967  | 976  | 973  | 970  | 962 | 1001 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1877 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May  | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1    |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 2    |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 3    |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 4    |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 5    |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 6    |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 7    |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 8    |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 9    |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 10   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 11   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 12   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 13   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 14   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 15   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 16   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 17   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 18   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 19   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 20   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 21   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 22   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 23   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 24   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 25   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 26   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 27   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 28   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 29   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 30   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 31   |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Mean | 1007 | 1002 | 992  | 989  | 991 | 994  | 996  | 994  | 987  | 987  | 997  | 1004 | 1007 | 1004 | 1003 | 1004 | 1000 | 1014 | 1017 | 1014 | 1003 | 994  | 998  | 1004 |

After the magnet was mounted in May 1841, nothing was altered till August 1876, when the thread broke by accident — a mason, mending the vault, hit the thread with a heavy wooden beam an the magnet fell down.

Shortly afterwards the magnet was remounted, but regular readings were not taken till February 1878.

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1878 | Jan. | Feb. | Marz | Apr. | May | June   | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|--------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|
| 1    |      |      | 015  | 006  | 035 | 022    | 022  | -05  | 011  | 010  | 013  | -04  |      |      | 029  | 008  | 038 | 054  | 073  | 004  | 037  | 029  | 036  | 002  |
| 2    |      |      | 013  | 010  | 026 | 052    | 021  | 005  | 011  | 000  | 013  | 022  |      |      | 031  | 019  | 025 | 056  | 064  | 016  | 029  | 017  | 032  | 041  |
| 3    |      |      | 021  | 007  | 028 | (-116) | 030  | 000  | 013  | 003  | 014  | 030  |      |      | 037  | 046  | 035 | 079  | 065  | 008  | 035  | 020  | 031  | 028  |
| 4    |      |      | 021  | 000  | 029 | (130)  | 035  | 031  | 021  | 009  | -10  | 025  |      |      | 022  | 009  | 038 | 022  | 057  | 028  | 015  | 010  | 012  | 033  |
| 5    |      |      | 021  | -21  | 034 | 008    | 027  | -10  | 010  | -03  | -07  | 027  |      |      | 033  | 023  | 037 | 029  | 070  | 014  | 049  | 013  | 016  | 038  |
| 6    |      |      | 022  | -02  | 022 | 009    | 029  | -04  | 013  | 001  | -07  | 027  |      |      | 027  | 008  | 040 | 027  | 066  | 031  | 037  | 014  | 004  | 035  |
| 7    |      |      | 016  | 005  | 015 | 007    | 030  | 001  | 013  | -05  | 004  | 031  |      |      | 036  | 015  | 049 | 034  | 093  | 030  | 037  | 010  | 022  | 035  |
| 8    |      |      | 017  | 004  | 028 | 005    | 009  | 004  | 010  | 007  | 012  | 026  |      |      | 032  | 007  | 039 | 037  | 056  | 046  | 048  | 021  | 019  | 033  |
| 9    |      |      | 019  | 007  | 017 | 016    | 027  | 007  | 018  | 006  | 005  | 033  |      |      | 036  | 021  | 025 | 022  | 068  | 028  | 026  | 024  | 020  | 055  |
| 10   |      |      | 012  | 021  | 018 | 019    | 027  | 002  | 018  | 009  | 014  | 025  |      |      | 025  | 015  | 037 | 038  | 081  | 033  | 040  | 035  | 017  | 032  |
| 11   |      |      | 015  | 011  | 019 | 017    | 027  | 004  | 026  | 016  | -05  | 036  |      |      | 022  | 032  | 031 | 031  | 066  | 076  | 038  | 038  | 024  | 039  |
| 12   |      |      | 015  | 016  | 028 | 022    | 028  | 011  | 023  | 020  | 006  | 013  |      |      | 018  | 028  | 051 | 044  | 075  | 027  | 049  | 041  | 017  | 028  |
| 13   |      |      | 011  | 019  | 012 | 018    | 031  | 007  | 015  | 021  | 009  | 015  |      |      | 018  | 031  | 041 | 044  | 062  | 024  | 038  | 038  | 027  | 008  |
| 14   |      |      | 014  | 010  | 016 | 030    | 030  | 022  | 016  | 013  | 017  | 018  |      |      | 018  | 036  | 073 | 058  | 059  | 053  | 030  | 034  | 022  | 024  |
| 15   |      |      | 004  | 004  | 001 | 028    | 029  | 000  | 019  | 016  | -03  | 029  |      |      | 012  | 045  | 035 | 050  | 086  | 028  | 042  | 036  | 014  | 033  |
| 16   |      |      | 006  | 016  | 015 | 032    | 005  | 022  | 022  | 010  | 006  | 029  |      |      | 019  | 027  | 029 | 051  | 071  | 038  | 057  | 025  | 018  | 027  |
| 17   |      |      | 004  | 013  | 019 | 035    | 033  | 022  | 023  | 015  | 005  | 026  |      |      | 021  | 034  | 030 | 040  | 063  | 036  | 022  | 029  | 015  | 040  |
| 18   |      |      | 000  | 011  | 013 | 035    | 031  | 021  | 018  | 024  | 010  | 037  |      |      | 024  | 030  | 055 | 054  | 086  | 046  | 029  | 033  | 020  | 040  |
| 19   |      |      | -11  | 009  | 027 | 024    | 032  | 017  | 008  | -08  | 020  | 037  |      |      | 001  | 023  | 041 | 060  | 066  | 033  | 033  | 030  | 021  | 038  |
| 20   |      |      | 013  | 007  | 022 | 041    | 035  | 022  | 026  | 025  | 002  | 036  |      |      | 024  | 031  | 051 | 059  | 062  | 029  | 030  | 021  | 017  | 030  |
| 21   |      |      | 006  | 006  | 024 | 019    | 026  | 000  | 012  | 014  | 010  | 018  |      |      | 010  | 033  | 031 | 067  | 071  | 031  | 029  | 029  | 019  | 033  |
| 22   |      |      | -10  | 021  | 030 | 027    | 025  | 007  | 014  | 036  | 007  | 033  |      |      | 020  | 044  | 036 | 070  | 093  | 036  | 030  | 034  | 023  | 033  |
| 23   |      |      | 010  | 025  | 030 | 016    | 032  | 004  | 009  | 019  | 008  | 031  |      |      | 014  | 038  | 048 | 068  | 060  | 029  | 014  | 001  | 029  | 045  |
| 24   |      |      | 006  | 025  | 015 | 015    | 027  | 009  | 000  | 022  | 016  | 023  |      |      | 019  | 046  | 036 | 069  | 059  | 038  | 023  | 037  | 026  | 029  |
| 25   |      |      | 010  | 025  | 021 | 026    | 027  | 006  | 000  | 023  | 013  | 029  |      |      | 019  | 026  | 038 | 076  | 055  | 055  | 024  | 036  | 040  | 025  |
| 26   |      |      | 006  | 031  | 025 | 021    | 025  | 005  | -04  | 032  | 009  | 027  |      |      | 007  | 031  | 044 | 090  | 047  | 026  | 010  | 041  | 023  | 031  |
| 27   |      |      | 006  | 019  | 035 | 040    | 025  | 017  | -04  | 026  | 017  | 021  |      |      | 007  | 028  | 047 | 100  | 061  | 039  | 005  | 035  | 025  | 033  |
| 28   |      |      | 006  | 014  | 040 | 023    | 031  | 012  | 013  | 022  | 022  | 020  |      |      | 020  | 031  | 040 | 091  | 063  | 050  | 020  | 034  | 033  | 037  |
| 29   |      |      | 010  | 022  | 031 | 039    | 026  | 009  | -20  | 014  | 019  | 029  |      |      | 015  | 037  | 027 | 092  | 067  | 044  | 000  | 034  | 024  | 038  |
| 30   |      |      | 002  | 027  | 028 | 022    | 023  | 030  | 009  | 014  | 028  | 020  |      |      | 017  | 034  | 045 | 085  | 077  | 037  | 000  | 040  | 040  | 038  |
| 31   |      |      | 007  |      | 026 | 023    | 023  | 021  |      | 018  |      | 021  |      |      | 007  |      | 037 |      | 060  | 043  |      | 036  |      | 020  |
| Mean | 012  | 010  | 010  | 013  | 024 | 024    | 027  | 010  | 012  | 014  | 009  | 025  | 012  | 013  | 021  | 028  | 043 | 057  | 068  | 034  | 029  | 028  | 023  | 031  |

\* Interpolated values.

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1879 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|
| 1    | 024  | 020  | 008  | 003  | 011 | 014  | 041  | 032  | -03  | 036  | 043  | 044  | 030  | 028  | 009  | 031  | 020 | 049  | 049  | 067  | 074  | 050  | 052  | 037  |
| 2    | 026  | 017  | 013  | 002  | 009 | 019  | 023  | 030  | 017  | 035  | 041  | 029  | 043  | 031  | 025  | 030  | 025 | 049  | 050  | 062  | 059  | 057  | 048  | 029  |
| 3    | 030  | 026  | 006  | 002  | 012 | 020  | 031  | 036  | 025  | 040  | 042  | 030  | 041  | 034  | 009  | 028  | 034 | 052  | 047  | 063  | 058  | 052  | 052  | 036  |
| 4    | 035  | 029  | 015  | 006  | 008 | 015  | 030  | 042  | 025  | 038  | 044  | 035  | 043  | 029  | 022  | 024  | 026 | 032  | 042  | 063  | 060  | 052  | 052  | 025  |
| 5    | 021  | 027  | 010  | 006  | 011 | 009  | 029  | 039  | 036  | 042  | 043  | 026  | 035  | 031  | 022  | 028  | 043 | 041  | 049  | 062  | 061  | 057  | 047  | 035  |
| 6    | 027  | 024  | 018  | 011  | 003 | 008  | 013  | 047  | 041  | 035  | 037  | 028  | 042  | 035  | 035  | 029  | 040 | 028  | 026  | 066  | 058  | 041  | 044  | 036  |
| 7    | 019  | 026  | 012  | 007  | 009 | 001  | 001  | 050  | 035  | 041  | 047  | 032  | 032  | 016  | 029  | 008  | 020 | 019  | 036  | 062  | 057  | 046  | 056  | 036  |
| 8    | 016  | 023  | 010  | 017  | 006 | 016  | 014  | 046  | 025  | 033  | 029  | 031  | 026  | 031  | 030  | 032  | 038 | 049  | 038  | 052  | 071  | 044  | 056  | 023  |
| 9    | 014  | 021  | 017  | 020  | 010 | 009  | 015  | 039  | 034  | 034  | 049  | 018  | 025  | 032  | 040  | 029  | 031 | 033  | 038  | 047  | 063  | 047  | 048  | 027  |
| 10   | 021  | 019  | 005  | 019  | 004 | 007  | 014  | 023  | 044  | 046  | 046  | 030  | 024  | 025  | 030  | 020  | 026 | 023  | 044  | 057  | 055  | 054  | 047  | 030  |
| 11   | 015  | 014  | 016  | 013  | -06 | 002  | 019  | 039  | 030  | 039  | 037  | 009  | 027  | 026  | 027  | 026  | 029 | 032  | 032  | 062  | 053  | 054  | 050  | 008  |
| 12   | 018  | 022  | 033  | 004  | -04 | 025  | 027  | 039  | 007  | 046  | 038  | 025  | 032  | 029  | 032  | 028  | 034 | 033  | 047  | 052  | 048  | 051  | 044  | 030  |
| 13   | 013  | 017  | 017  | 016  | 002 | 024  | 030  | 036  | 042  | 043  | 034  | 024  | 023  | 029  | 021  | 024  | 023 | 042  | 047  | 073  | 054  | 061  | 037  | 033  |
| 14   | 025  | 004  | 012  | 011  | 003 | 019  | 027  | 037  | 042  | 041  | 041  | 023  | 031  | 025  | 030  | 010  | 010 | 055  | 053  | 072  | 062  | 052  | 028  | 032  |
| 15   | 031  | 010  | 016  | 020  | 009 | 020  | 027  | 031  | 055  | 045  | 029  | 031  | 034  | 027  | 025  | 024  | 032 | 042  | 047  | 060  | 065  | 055  | 027  | 035  |
| 16   | 033  | 008  | 023  | 004  | 009 | 017  | 032  | 047  | 061  | 036  | 040  | 047  | 030  | 019  | 008  | 018  | 032 | 026  | 054  | 057  | 061  | 056  | 039  | 045  |
| 17   | 019  | 015  | 009  | 008  | 002 | 018  | 034  | 036  | 046  | 031  | 036  | 043  | 031  | 024  | 022  | 018  | 028 | 043  | 054  | 064  | 064  | 042  | 041  | 053  |
| 18   | 025  | 005  | 016  | 004  | 016 | -05  | 021  | 046  | 047  | 034  | 035  | 032  | 034  | 017  | 014  | 014  | 042 | 045  | 064  | 069  | 065  | 039  | 044  | 034  |
| 19   | 016  | 010  | 007  | 006  | 007 | 016  | 031  | 045  | 039  | 036  | 037  | 032  | 031  | 012  | 028  | 028  | 065 | 031  | 066  | 066  | 061  | 044  | 045  | 044  |
| 20   | 022  | 015  | 006  | 008  | 014 | 024  | 032  | 029  | 046  | 032  | 034  | 035  | 022  | 019  | 024  | 020  | 019 | 024  | 052  | 063  | 062  | 040  | 039  | 043  |
| 21   | 010  | 009  | 010  | 006  | 019 | 013  | 036  | 043  | 046  | 042  | 043  | 038  | 019  | 015  | 019  | 028  | 033 | 043  | 078  | 068  | 057  | 053  | 048  | 043  |
| 22   | 012  | 014  | 017  | 000  | 017 | 015  | 033  | 039  | 037  | 040  | 041  | 041  | 024  | 022  | -2   | 034  | 039 | 046  | 073  | 061  | 055  | 049  | 057  | 053  |
| 23   | 017  | 011  | 002  | -06  | 005 | 015  | 026  | 036  | 040  | 036  | 037  | 030  | 039  | 019  | 043  | 030  | 036 | 042  | 048  | 064  | 053  | 051  | 047  | 033  |
| 24   | 019  | 010  | -02  | 000  | 019 | 031  | 045  | 050  | 049  | 035  | 045  | 035  | 028  | 030  | 015  | 020  | 028 | 052  | 055  | 071  | 053  | 049  | 042  | 042  |
| 25   | 020  | 011  | 010  | -05  | -13 | 018  | 042  | 053  | 067  | 043  | 048  | 037  | 027  | 022  | 017  | 036  | 029 | 040  | 055  | 062  | 054  | 050  | 043  | 048  |
| 26   | 018  | 005  | 000  | 003  | 009 | 039  | 041  | 044  | 047  | 044  | 035  | 032  | 030  | 025  | 019  | 026  | 030 | 042  | 046  | 052  | 063  | 033  | 038  | 042  |
| 27   | 022  | 012  | 002  | 007  | 013 | 008  | 032  | 034  | 033  | 044  | 035  | 032  | 026  | 017  | 017  | 035  | 034 | 033  | 039  | 072  | 060  | 048  | 046  | 043  |
| 28   | 016  | 001  | 007  | 003  | 021 | 015  | 030  | 048  | 039  | 044  | 038  | 038  | 012  | 011  | 018  | 026  | 045 | 046  | 062  | 062  | 058  | 045  | 037  | 047  |
| 29   | 013  | 010  | 007  | 034  | 026 | 033  | 037  | 040  | 043  | 048  | 037  | 019  | 019  | 014  | 017  | 033  | 050 | 048  | 066  | 047  | 050  | 032  | 040  |      |
| 30   | 006  | 003  | 000  | 044  | 029 | 030  | 029  | 033  | 051  | 038  | 049  | 022  | 022  | 010  | 027  | 057  | 060 | 055  | 067  | 053  | 043  | 047  | 048  |      |
| 31   | 011  | -03  | 015  | 032  | 038 | 038  | 038  | 022  | 022  | 022  | 042  | 027  | 027  | 027  | 058  | 058  | 069 | 069  | 069  | 049  | 049  | 037  | 037  |      |
| Mean | 020  | 015  | 010  | 007  | 010 | 016  | 028  | 039  | 038  | 039  | 039  | 033  | 029  | 024  | 022  | 027  | 034 | 040  | 050  | 063  | 059  | 049  | 044  | 037  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1880 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|
| 1    | 038  | 036  | 035  | 022  | 022 | 024  | 050  | 043  | 011  | 022  | 017  | 004  | 031  | 033  | 040  | 037  | 051 | 057  | 066  | 092  | 080  | 037  | 026  | 007  |
| 2    | 045  | 036  | 025  | 018  | 003 | 034  | 052  | 068  | 053  | 019  | 018  | 026  | 043  | 040  | 034  | 033  | 076 | 061  | 061  | 087  | 068  | 031  | 028  | 038  |
| 3    | 042  | 049  | 035  | 018  | -09 | 038  | 052  | 068  | 038  | 017  | 004  | 030  | 045  | 050  | 038  | 028  | 039 | 067  | 064  | 078  | 059  | 029  | 026  | 024  |
| 4    | 043  | 039  | 029  | 012  | 016 | 032  | 057  | 068  | 034  | 036  | -18  | 030  | 051  | 037  | 041  | 029  | 032 | 059  | 066  | 088  | 072  | 051  | 001  | 032  |
| 5    | 041  | 039  | 028  | 008  | 027 | 018  | 051  | 071  | 037  | 032  | 004  | 027  | 044  | 041  | 027  | 022  | 040 | 058  | 066  | 103  | 070  | 038  | 016  | 016  |
| 6    | 041  | 044  | 028  | 016  | 032 | 038  | 063  | 064  | 055  | 048  | 019  | 029  | 050  | 048  | 034  | 025  | 048 | 044  | 077  | 070  | 079  | 034  | 004  | 038  |
| 7    | 061  | 039  | 029  | 016  | 032 | 041  | 051  | 055  | 050  | 035  | 017  | 030  | 053  | 044  | 045  | 031  | 036 | 062  | 082  | 078  | 065  | 037  | 013  | 037  |
| 8    | 037  | 042  | 023  | 020  | 024 | 048  | 060  | 047  | 039  | 025  | 014  | 037  | 041  | 053  | 016  | 027  | 032 | 042  | 092  | 076  | 067  | 038  | 027  | 037  |
| 9    | 039  | 036  | 026  | 014  | 025 | 027  | 057  | 043  | 045  | 018  | 021  | 028  | 041  | 043  | 032  | 041  | 061 | 049  | 080  | 094  | 057  | 031  | 041  | 040  |
| 10   | 043  | 038  | 034  | 020  | -02 | 027  | 057  | 043  | 070  | 015  | 010  | 034  | 037  | 040  | 032  | 021  | 051 | 042  | 089  | 087  | 059  | 031  | 024  | 043  |
| 11   | 037  | 040  | 028  | 014  | 034 | 024  | 063  | 071  | 044  | 003  | 020  | 039  | 045  | 044  | 032  | 043  | 056 | 055  | 072  | 045  | 059  | 031  | 028  | 026  |
| 12   | 033  | 040  | 065  | 025  | 028 | 044  | 054  | 030  | 063  | 009  | 022  | 037  | 040  | 040  | 038  | 039  | 053 | 055  | 081  | 088  | 054  | 011  | 028  | 027  |
| 13   | 038  | 035  | 031  | 028  | 025 | 046  | 044  | 033  | 040  | 020  | 023  | 041  | 043  | 043  | 034  | 041  | 039 | 059  | 084  | 063  | 061  | 035  | 031  | -9   |
| 14   | 034  | 058  | -03  | 038  | 032 | 032  | 049  | 041  | 033  | 025  | 026  | 026  | 047  | 045  | 013  | 043  | 049 | 065  | 084  | 078  | 067  | 039  | 032  | 025  |
| 15   | 035  | 039  | 025  | 032  | 028 | 044  | 043  | 053  | -09  | 024  | 027  | 029  | 043  | 045  | 025  | 043  | 059 | 051  | 067  | 086  | 093  | 045  | 037  | 032  |
| 16   | 041  | 035  | 024  | 024  | 023 | 033  | 048  | 044  | 017  | 011  | 023  | 034  | 034  | 046  | 026  | 053  | 048 | 077  | 072  | 103  | 037  | 031  | 031  | 035  |
| 17   | 039  | 042  | 028  | 031  | 025 | 045  | 053  | 061  | 027  | 021  | 032  | 052  | 021  | 036  | 006  | 037  | 045 | 063  | 078  | 082  | 040  | 037  | 043  | 034  |
| 18   | 037  | 037  | -06  | 031  | 005 | 021  | 061  | 045  | 032  | 015  | 040  | 042  | 023  | 035  | 016  | 054  | 047 | 058  | 080  | 095  | 049  | 031  | 043  | 052  |
| 19   | 032  | 039  | 016  | 042  | 025 | 044  | 062  | 070  | 034  | 002  | 039  | 035  | 030  | 035  | 030  | 045  | 035 | 078  | 084  | 090  | 060  | 038  | 035  | -7   |
| 20   | 039  | 043  | 026  | 033  | 025 | 043  | 039  | 033  | 034  | 013  | -04  | 004  | 030  | 037  | 035  | 040  | 050 | 068  | 066  | 067  | 062  | 042  | 021  | 011  |
| 21   | 030  | 032  | 013  | 048  | 030 | 048  | 051  | 039  | 039  | 023  | 025  | 035  | 025  | 041  | 037  | 041  | 045 | 075  | 106  | 074  | 057  | 049  | 024  | 013  |
| 22   | 027  | 036  | 019  | 033  | 031 | 039  | 045  | 037  | 019  | 018  | 013  | 029  | 032  | 057  | 030  | 048  | 049 | 074  | 061  | 072  | 028  | 027  | 020  | 012  |
| 23   | 031  | 020  | 012  | 033  | 021 | 007  | 038  | 039  | 019  | 020  | 031  | -05  | 017  | 043  | 035  | 052  | 045 | 083  | 097  | 052  | 040  | 019  | 022  | 011  |
| 24   | 016  | 036  | 011  | 027  | 010 | 029  | 059  | 048  | 033  | -07  | 027  | 011  | 028  | 040  | 035  | 059  | 053 | 074  | 094  | 091  | 050  | 021  | 022  | 020  |
| 25   | 022  | 038  | 028  | 035  | 026 | 032  | 058  | 052  | 039  | 012  | 035  | 026  | 038  | 043  | 039  | 047  | 051 | 047  | 074  | 093  | 039  | -8   | 038  | 026  |
| 26   | 028  | 030  | 012  | 030  | 039 | 035  | 057  |      |      |      |      |      |      |      |      |      |     |      |      |      |      |      |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1881 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov.  | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep.  | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|------|------|-------|------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| 1    | 038  | -32  | 007  | -06  | 005 | 020  | 028  | 044  | 038  | 050  | 041   | 043  | 033  | 013  | 015  | 014  | 032 | 049  | 123  | 066  | 069   | 054  | 022  | 030  |
| 2    | 040  | -03  | 009  | 002  | 015 | 030  | 040  | 050  | 032  | 048  | 045   | 022  | 036  | 005  | 029  | 002  | 037 | 055  | 101  | 071  | 062   | 048  | 042  | 022  |
| 3    | 051  | 005  | -10  | -02  | 008 | 026  | 024  | 034  | 044  | 049  | 031   | 023  | 041  | 013  | -2   | -3   | 033 | 068  | 082  | 058  | 067   | 055  | 028  | 036  |
| 4    | 042  | 010  | -18  | -02  | 009 | 036  | 032  | 041  | 038  | 043  | 035   | 037  | 050  | 022  | 020  | 013  | 033 | 034  | 060  | 072  | 071   | 051  | 039  | 034  |
| 5    | 042  | -08  | 006  | 008  | 015 | 029  | 033  | 037  | 039  | 043  | 023   | 039  | 046  | 004  | 005  | 012  | 041 | 066  | 052  | 065  | 058   | 051  | 046  | 033  |
| 6    | 033  | 002  | 007  | 009  | 019 | 051  | 043  | 044  | 039  | 015  | 040   | 038  | 036  | 015  | 015  | 021  | 045 | 059  | 044  | 055  | 060   | 045  | 051  | 031  |
| 7    | 042  | 010  | 018  | 014  | 021 | 015  | 027  | 023  | 040  | 019  | 041   | 028  | 036  | 003  | 017  | 011  | 044 | 054  | 073  | 094  | 067   | 070  | 053  | 048  |
| 8    | 028  | 008  | -07  | 005  | 014 | 017  | 030  | 036  | 043  | 036  | 060   | 011  | 044  | 022  | 015  | 015  | 045 | 052  | 081  | 094  | 079   | 039  | 043  | 011  |
| 9    | 037  | 010  | 006  | 010  | 034 | -06  | 023  | 032  | 035  | 027  | (-19) | 011  | 040  | 024  | 015  | 009  | 008 | 036  | 060  | 069  | (015) | 057  | 059  | 014  |
| 10   | 033  | 002  | 009  | 022  | 010 | -04  | 023  | 045  | 037  | 033  | 022   | 026  | 041  | 010  | 015  | 021  | 020 | 032  | 056  | 079  | 079   | 051  | 034  | 025  |
| 11   | 025  | 018  | 007  | 022  | 015 | 001  | 005  | 046  | 046  | 044  | 030   | 022  | 031  | 020  | 005  | 009  | 031 | 089  | 057  | 064  | 057   | 056  | 042  | 028  |
| 12   | 021  | 008  | 006  | 009  | 013 | 003  | 037  | 061  | 055  | 052  | 052   | 032  | 031  | 008  | 012  | 017  | 048 | 102  | 081  | 073  | 115   | 062  | 046  | 047  |
| 13   | 005  | 007  | 002  | 013  | 024 | 029  | 011  | 042  | 040  | 062  | 048   | 042  | 037  | 015  | -13  | -3   | 053 | 058  | 062  | 078  | (131) | 064  | 053  | 049  |
| 14   | 027  | 009  | -09  | -02  | 022 | 014  | 020  | 032  | 014  | 050  | 056   | 040  | 025  | 012  | 020  | 030  | 058 | 067  | 078  | 059  | 071   | 058  | 057  | 041  |
| 15   | 025  | -07  | 005  | -01  | 032 | 008  | 023  | 044  | 028  | 044  | 060   | 036  | 007  | 012  | 008  | 018  | 060 | 058  | 072  | 058  | 053   | 063  | 045  | 047  |
| 16   | 023  | -07  | 001  | -05  | 017 | 024  | 060  | 054  | 031  | 042  | 045   | 045  | 018  | -3   | 010  | 019  | 037 | 059  | 088  | 064  | 072   | 060  | 058  | 049  |
| 17   | 016  | -01  | 006  | 021  | 021 | 023  | 042  | 050  | 045  | 022  | 044   | 038  | 015  | 009  | 015  | 024  | 066 | 059  | 061  | 067  | 060   | 046  | 066  | 053  |
| 18   | 022  | 012  | 019  | 023  | 034 | 024  | 042  | 043  | 047  | 020  | 021   | 051  | 016  | 018  | 034  | 015  | 028 | 054  | 067  | 065  | 053   | 045  | 055  | 038  |
| 19   | 022  | 033  | 018  | 018  | 022 | 037  | 040  | 048  | 046  | 029  | 051   | 041  | 015  | 022  | 043  | 032  | 048 | 054  | 067  | 076  | 070   | 048  | 064  | 080  |
| 20   | 033  | 021  | 012  | 003  | 023 | 039  | 045  | 039  | 041  | 035  | 041   | 038  | 029  | 018  | 017  | 011  | 038 | 082  | 067  | 061  | 063   | 054  | 056  | 047  |
| 21   | 034  | 022  | 008  | -19  | 023 | 025  | 046  | 043  | 040  | 043  | 048   | 040  | 031  | 000  | 008  | 001  | 045 | 055  | 063  | 077  | 049   | 054  | 055  | 038  |
| 22   | -03  | 023  | 005  | -10  | 026 | 036  | 031  | 044  | 048  | 035  | 054   | 037  | 028  | 021  | 022  | 025  | 051 | 043  | 075  | 065  | 057   | 049  | 057  | 042  |
| 23   | 027  | 010  | 006  | -08  | 030 | 033  | 043  | 039  | 038  | 027  | 057   | 053  | 039  | 011  | 024  | 010  | 043 | 074  | 083  | 066  | 060   | 055  | 066  | 022  |
| 24   | 000  | 008  | 009  | 003  | 017 | 030  | 037  | 039  | 050  | 025  | 006   | 008  | -7   | 015  | 029  | 027  | 053 | 084  | 091  | 077  | 071   | 049  | 062  | 002  |
| 25   | 018  | 015  | 006  | -11  | 041 | 025  | 036  | 053  | 046  | 028  | 032   | 007  | 015  | 025  | 021  | 029  | 071 | 065  | 028  | 071  | 055   | 042  | 050  | 024  |
| 26   | 009  | 036  | 008  | -09  | 032 | 028  | 035  | 022  | 043  | 041  | 051   | 129  | -10  | 018  | 018  | 039  | 065 | 062  | 076  | 085  | 063   | 053  | 067  | 033  |
| 27   | 013  | 009  | 003  | -04  | 031 | 029  | 026  | 021  | 055  | 034  | 045   | 030  | 021  | 024  | 022  | 033  | 055 | 059  | 061  | 079  | 059   | 037  | 048  | 062  |
| 28   | 031  | -39  | 017  | -27  | 020 | 036  | 034  | 040  | 051  | 035  | 050   | 032  | 018  | 008  | 021  | 047  | 045 | 062  | 042  | 065  | 062   | 045  | 050  | 042  |
| 29   | 035  |      | 009  | 011  | 035 | 032  | 026  | 033  | 047  | 037  | 037   | 043  | 030  |      | 035  | 035  | 066 | 067  | 072  | 082  | 056   | 060  | 028  | 028  |
| 30   | 035  |      | 004  | 006  | 027 | 027  | 032  | 024  | 054  | 056  | 050   | 037  | 017  |      | 021  | 028  | 061 | 063  | 072  | 058  | 059   | 027  | 042  | 036  |
| 31   | 032  |      | -05  |      | 045 |      | 022  | 041  |      | 048  |       | 047  | -4   |      | -12  |      | 061 |      | 071  | 065  |       | 043  |      | 042  |
| Mean | 027  | 006  | 005  | 003  | 023 | 023  | 032  | 037  | 042  | 038  | 042   | 033  | 026  | 014  | 016  | 019  | 046 | 061  | 070  | 070  | 067   | 051  | 049  | 037  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1882 | Jan. | Feb. | Marz | Apr.   | May | June | July | Aug.  | Sep. | Oct.  | Nov.   | Dec.   | Jan. | Feb. | Marz | Apr.  | May   | June  | July | Aug.  | Sep. | Oct.  | Nov.  | Dec. |
|------|------|------|------|--------|-----|------|------|-------|------|-------|--------|--------|------|------|------|-------|-------|-------|------|-------|------|-------|-------|------|
| 1    | 042  | 032  | 033  | 018    | 029 | 025  | 038  | (-09) | 061  | 057   | 059    | 037    | 040  | 049  | 025  | 019   | 015   | 090   | 082  | 124   | 079  | 044   | 073   | 051  |
| 2    | 047  | 008  | 043  | 023    | 006 | 043  | 077  | 045   | 059  | 071   | 080    | 037    | 042  | 012  | 029  | 027   | 025   | 072   | 086  | 060   | 074  | 030   | 075   | 044  |
| 3    | 055  | 027  | 019  | 000    | 023 | 054  | 047  | 045   | 081  | 023   | 068    | 044    | 050  | 032  | 031  | 029   | 059   | 053   | 079  | 062   | 100  | 017   | 079   | 047  |
| 4    | 052  | 029  | 028  | 030    | 009 | 050  | 071  | 050   | 071  | 011   | 062    | 037    | 043  | 034  | 028  | 030   | 087   | 055   | 084  | 090   | 078  | 055   | 076   | 054  |
| 5    | 044  | 027  | 002  | 016    | 028 | 044  | 061  | 036   | 070  | 045   | 066    | 038    | 039  | 034  | 017  | 020   | 040   | 068   | 074  | 066   | 065  | 065   | 080   | 059  |
| 6    | 044  | 023  | 013  | 014    | 041 | 021  | 048  | 055   | 062  | (-86) | 080    | 047    | 064  | 011  | 023  | 022   | 026   | 039   | 071  | 061   | 083  | (000) | 083   | 054  |
| 7    | 045  | 006  | 013  | 014    | 034 | 048  | 054  | 043   | 067  | 040   | 062    | 044    | 045  | 028  | 024  | 024   | 037   | 069   | 074  | 060   | 082  | 055   | 082   | 051  |
| 8    | 044  | 028  | 025  | 008    | 057 | 053  | 056  | 066   | 042  | 037   | 057    | 044    | 049  | 000  | 034  | 040   | 045   | 068   | 071  | 063   | 076  | 060   | 057   | 045  |
| 9    | 050  | -02  | -12  | 000    | 048 | 053  | 021  | 066   | 045  | 045   | 070    | 055    | 052  | 026  | 027  | 028   | 031   | 061   | 066  | 071   | 070  | 062   | 050   | 055  |
| 10   | 050  | 009  | 012  | 015    | 034 | 052  | 045  | 069   | 045  | 048   | 056    | 045    | 047  | 025  | 025  | 043   | 046   | 065   | 069  | 097   | 052  | 063   | 062   | 052  |
| 11   | 045  | 021  | 015  | 008    | 043 | 048  | 062  | 048   | 052  | 045   | 060    | 043    | 045  | 027  | 029  | 038   | 061   | 074   | 053  | 081   | 052  | 081   | 068   | 057  |
| 12   | 045  | 026  | 018  | -04    | 021 | 036  | 058  | 051   | 042  | 044   | 013    | 045    | 040  | 030  | 031  | 030   | 014   | 040   | 077  | (139) | 061  | 074   | 035   | 050  |
| 13   | 031  | 019  | 036  | 007    | 045 | 049  | 054  | 062   | 028  | 043   | 025    | 046    | 040  | 033  | 028  | 034   | 042   | 040   | 080  | 085   | 071  | 079   | (008) | 046  |
| 14   | 038  | 024  | 034  | 031    | 030 | 015  | 063  | 056   | 031  | 048   | 035    | 045    | 042  | 027  | 049  | 048   | (162) | 098   | 070  | 098   | 080  | 075   | 070   | 053  |
| 15   | 038  | 030  | 025  | 002    | 005 | 049  | 054  | 046   | 039  | 023   | 024    | 060    | 040  | 022  | 037  | 009   | 018   | 065   | 078  | 104   | 075  | 071   | 061   | 064  |
| 16   | 033  | 027  | 031  | 013    | -02 | 010  | 070  | 065   | 064  | 048   | 056    | 016    | 037  | 019  | 041  | 026   | 036   | (119) | 111  | 110   | 067  | 067   | 052   | 073  |
| 17   | 026  | 028  | 018  | (-490) | 023 | 016  | 047  | 052   | 064  | 026   | 051    | 041    | 040  | 038  | 035  | 003   | 083   | 034   | 087  | 079   | 072  | 078   | (117) | 051  |
| 18   | 036  | 030  | 025  | -06    | 008 | 019  | 049  | 070   | 057  | 038   | (-133) | 040    | 037  | 020  | 043  | (-39) | 047   | 063   | 077  | 078   | 082  | 061   | 082   | 051  |
| 19   | 053  | 033  | 031  | -04    | 024 | 036  | 066  | 066   | 079  | 053   | -04    | 018    | 054  | 022  | 022  | -3    | 038   | 043   | 080  | 096   | 092  | 055   | (224) | 049  |
| 20   | 007  | 009  | 013  | 029    | 014 | 064  | 080  | 065   | 075  | 050   | (-112) | 033    | 033  | 027  | 023  | 016   | 058   | 054   | 085  | 087   | 086  | 057   | (198) | 049  |
| 21   | 035  | 010  | -11  | -13    | 040 | 003  | 071  | 085   | 084  | 050   | -7     | (-255) | 041  | 009  | 032  | 024   | 055   | 055   | 060  | 082   | 088  | 064   | 094   | 070  |
| 22   | 033  | 012  | -11  | 006    | 022 | 015  | 070  | 048   | 055  | 067   | 023    | 008    | 045  | 002  | 033  | 019   | 060   | 077   | 093  | 077   | 079  | 068   | 044   | 013  |
| 23   | 041  | 112  | 012  | 007    | 053 | 034  | 063  | 061   | 054  | 044   | 015    | 034    | 049  | 019  | 006  | 028   | 037   | 070   | 080  | 071   | 066  | 061   | 032   | 044  |
| 24   | 040  | 009  | 014  | 003    | 039 | 048  | 067  | 081   | 051  | 026   | 023    | 047    | 037  | 034  | 019  | 025   | 049   | 075   | 106  | 069   | 077  | 055   | 033   | 039  |
| 25   | 038  | 014  | 023  | -04    | 038 | 036  | 080  | 062   | 056  | 044   | 036    | 049    | 037  | 037  | 027  | 052   | 063   | 058   | 100  | 100   | 064  | 034   | 041   | 044  |
| 26   | 039  | 018  | 013  | 031    | 030 | 045  | 065  | 052   | 013  |       |        |        |      |      |      |       |       |       |      |       |      |       |       |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1883 | Jan. | Feb.  | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov.  | Dec. | Jan. | Feb. | Marz  | Apr.  | May | June  | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|-------|------|------|-----|------|------|------|------|------|-------|------|------|------|-------|-------|-----|-------|------|------|------|------|------|------|
| 1    | 045  | 048   | 022  | 033  | 045 | 068  | 028  | 114  | 070  | 057  | 059   | 074  | 056  | 057  | 047   | 046   | 069 | 086   | 107  | 116  | 110  | 059  | 074  | 073  |
| 2    | 052  | 042   | 000  | 037  | 013 | 068  | 039  | 066  | 054  | 050  | 033   | 060  | 058  | 046  | 043   | 041   | 074 | 100   | 108  | 114  | 112  | 043  | 051  | 074  |
| 3    | 071  | 035   | 032  | 028  | 037 | 027  | 077  | 063  | 070  | 060  | 044   | 065  | 060  | 057  | 045   | (186) | 068 | 080   | 105  | 095  | 056  | 057  | 056  | 075  |
| 4    | 051  | 022   | 047  | -18  | 035 | 057  | 069  | 071  | 054  | 050  | 055   | 065  | 059  | 062  | 039   | 050   | 070 | 100   | 096  | 101  | 087  | 050  | 052  | 071  |
| 5    | 049  | 058   | 053  | 034  | 036 | 062  | 060  | 061  | 082  | 032  | 072   | 068  | 064  | 049  | 041   | 059   | 058 | 097   | 106  | 118  | 095  | 050  | 056  | 067  |
| 6    | 040  | 038   | 057  | 033  | 047 | 058  | 064  | 064  | 065  | 034  | 062   | 066  | 068  | 051  | 045   | 050   | 069 | 111   | 105  | 067  | 089  | 074  | 065  | 069  |
| 7    | 039  | 044   | 042  | 031  | 048 | 057  | 084  | 059  | 059  | 049  | 053   | 065  | 060  | 055  | 060   | 046   | 061 | 102   | 034  | 083  | 093  | 058  | 074  | 079  |
| 8    | 046  | 046   | 026  | 042  | 053 | 055  | 047  | 086  | 056  | 050  | 055   | 064  | 051  | 072  | 045   | 057   | 090 | 100   | 107  | 083  | 092  | 079  | 067  | 078  |
| 9    | 053  | 051   | 031  | 039  | 040 | 042  | 077  | 066  | 069  | 050  | 059   | 055  | 057  | 068  | 043   | 056   | 083 | 068   | 090  | 090  | 080  | 074  | 065  | 058  |
| 10   | 047  | 057   | 035  | 041  | 061 | 057  | 039  | 071  | 057  | 052  | 065   | 064  | 061  | 048  | 055   | 048   | 078 | 090   | 107  | 102  | 086  | 062  | 078  | 068  |
| 11   | 059  | 053   | 039  | 039  | 067 | 073  | 073  | 063  | 059  | 054  | 074   | 084  | 064  | 050  | 050   | 047   | 066 | 078   | 093  | 089  | 093  | 060  | 070  | 066  |
| 12   | 048  | 055   | 042  | 047  | 069 | 086  | 051  | 063  | 059  | 046  | 079   | 079  | 060  | 059  | 052   | 069   | 079 | 085   | 109  | 100  | 080  | 055  | 081  | 072  |
| 13   | 045  | 059   | 011  | 048  | 062 | 088  | 058  | 063  | 061  | 043  | 065   | 063  | 061  | 054  | (115) | 043   | 066 | 066   | 101  | 187  | 097  | 048  | 066  | 062  |
| 14   | 044  | 054   | 019  | 039  | 061 | 066  | 062  | 065  | 044  | 051  | 055   | 072  | 064  | 052  | 025   | 051   | 073 | 103   | 131  | 081  | 077  | 057  | 058  | 068  |
| 15   | 053  | 048   | 034  | 045  | 061 | 076  | 097  | 065  | 057  | 046  | 073   | 070  | 060  | 049  | 036   | 060   | 072 | 105   | 088  | 091  | 080  | 074  | 063  | 070  |
| 16   | 038  | 046   | 030  | 049  | 066 | 071  | 064  | 064  | 036  | 044  | 069   | 066  | 055  | 032  | 047   | 066   | 070 | 098   | 075  | 101  | 111  | 041  | 071  | 071  |
| 17   | 041  | 048   | 041  | 054  | 062 | 069  | 042  | 072  | 013  | 052  | 070   | 073  | 048  | 052  | 053   | 056   | 076 | 107   | 085  | 104  | 073  | 067  | 077  | 075  |
| 18   | 045  | 056   | 041  | 050  | 059 | 007  | 041  | 066  | 032  | 031  | 072   | 066  | 057  | 060  | 036   | 056   | 084 | 097   | 135  | 116  | 152  | 039  | 090  | 073  |
| 19   | 043  | 073   | 037  | 032  | 068 | 047  | 041  | 057  | 044  | 052  | 077   | 069  | 062  | 053  | 051   | 047   | 098 | (031) | 103  | 086  | 060  | 077  | 093  | 072  |
| 20   | 040  | 070   | 040  | 018  | 052 | 057  | 042  | 046  | 037  | 049  | 034   | 065  | 054  | 051  | 054   | 027   | 088 | 082   | 085  | 076  | 057  | 055  | 064  | 074  |
| 21   | 051  | 052   | 033  | 028  | 009 | 059  | 048  | 066  | 049  | 046  | 055   | 067  | 057  | 047  | 052   | 042   | 113 | 093   | 094  | 113  | 041  | 067  | 056  | 091  |
| 22   | 054  | 053   | -02  | 040  | 014 | 060  | 060  | 069  | 050  | 052  | 008   | 066  | 052  | 051  | 038   | 059   | 092 | 100   | 100  | 072  | 067  | 054  | 080  | 070  |
| 23   | 059  | 021   | 034  | 031  | 023 | 052  | 067  | 068  | 054  | 055  | (-24) | 066  | 060  | 040  | 049   | 060   | 066 | 091   | 063  | 093  | 078  | 061  | 028  | 072  |
| 24   | 060  | 051   | 031  | 052  | 041 | 062  | 067  | 071  | 050  | 054  | 049   | 063  | 078  | 070  | 047   | 084   | 077 | 084   | 091  | 097  | 067  | 059  | 054  | 084  |
| 25   | 037  | (-72) | 043  | 011  | 053 | 068  | 042  | 073  | 019  | 060  | 060   | 066  | 048  | 033  | 038   | 058   | 092 | 096   | 093  | 084  | 041  | 070  | 066  | 069  |
| 26   | 047  | 036   | 043  | 013  | 049 | 019  | 079  | 073  | 044  | 022  | 069   | 055  | 039  | 053  | 053   | 056   | 081 | 078   | 076  | 105  | 056  | 060  | 067  | 069  |
| 27   | 046  | 041   | 006  | 041  | 065 | 047  | 059  | 070  | 050  | 051  | 085   | 071  | 051  | 048  | 096   | 088   | 082 | 079   | 111  | 070  | 060  | 064  | 076  | 078  |
| 28   | 052  | 050   | -13  | 034  | 050 | 051  | 075  | 087  | 054  | 050  | 068   | 062  | 061  | 057  | 070   | 083   | 100 | 074   | 054  | 076  | 066  | 054  | 078  |      |
| 29   | 054  | 030   | 040  | 060  | 061 | 069  | 046  | 061  | 048  | 071  | 063   | 063  | 053  | 063  | 067   | 088   | 106 | 093   | 073  | 055  | 070  | 072  | 053  |      |
| 30   | 049  | 030   | 052  | 062  | 065 | 063  | 071  | 054  | 059  | 070  | 063   | 063  | 053  | 042  | 082   | 090   | 110 | 075   | 112  | 061  | 073  | 072  | 055  |      |
| 31   | 049  | 049   | 049  | 079  | 079 | 064  | 070  | 064  | 070  | 048  | 061   | 066  | 058  | 058  | 056   | 076   | 076 | 026   | 095  | 075  | 075  | 067  | 071  | 066  |
| Mean | 049  | 048   | 031  | 035  | 050 | 058  | 060  | 068  | 052  | 048  | 061   | 066  | 058  | 051  | 049   | 057   | 078 | 093   | 099  | 093  | 076  | 061  | 067  | 071  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1884 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz  | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov.  | Dec. |
|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-------|------|-----|------|------|------|------|------|-------|------|
| 1    | 067  | 070  | 022  | 034  | 025 | 061  | 079  | 100  | 106  | 092  | 086  | 084  | 055  | 065  | 053   | 052  | 088 | 107  | 139  | 104  | 115  | 107  | 104   | 087  |
| 2    | 060  | 040  | 045  | 042  | 060 | 056  | 079  | 082  | 085  | 040  | 079  | 081  | 067  | 051  | 052   | 059  | 066 | 100  | 126  | 116  | 120  | 123  | 122   | 093  |
| 3    | 070  | 057  | 062  | 056  | 068 | 078  | 070  | 085  | 084  | 045  | 011  | 084  | 072  | 064  | (005) | 051  | 097 | 096  | 162  | 111  | 118  | 194  | (171) | 093  |
| 4    | 072  | 058  | 056  | 051  | 055 | 059  | 033  | 077  | 083  | 074  | 060  | 089  | 083  | 058  | 061   | 061  | 083 | 091  | 139  | 093  | 111  | 084  | 071   | 090  |
| 5    | 071  | 060  | 046  | 057  | 066 | 074  | 078  | 082  | 084  | 068  | 071  | 084  | 074  | 062  | 044   | 080  | 081 | 101  | 160  | 116  | 117  | 086  | 076   | 087  |
| 6    | 068  | 061  | 059  | 058  | 069 | 076  | 084  | 087  | 096  | 080  | 075  | 093  | 065  | 063  | 051   | 064  | 083 | 106  | 136  | 121  | 112  | 101  | 090   | 097  |
| 7    | 066  | 054  | 069  | 050  | 077 | 066  | 090  | 104  | 072  | 068  | 085  | 093  | 076  | 055  | 057   | 066  | 089 | 106  | 126  | 132  | 110  | 100  | 090   | 105  |
| 8    | 064  | 048  | 061  | 045  | 066 | 078  | 052  | 101  | 082  | 069  | 088  | 088  | 058  | 068  | 065   | 064  | 092 | 105  | 105  | 142  | 109  | 080  | 089   | 079  |
| 9    | 049  | 060  | 039  | 054  | 063 | 076  | 084  | 113  | 074  | 082  | 073  | 088  | 057  | 045  | 060   | 058  | 117 | 100  | 118  | 112  | 118  | 097  | 100   | 072  |
| 10   | 060  | 069  | 058  | 063  | 065 | 084  | 066  | 081  | 077  | 079  | 091  | 091  | 061  | 082  | 054   | 011  | 127 | 102  | 127  | 121  | 089  | 094  | 102   | 091  |
| 11   | 071  | 069  | 044  | 032  | 056 | 083  | 067  | 078  | 043  | 079  | 072  | 092  | 070  | 053  | 063   | 056  | 091 | 107  | 120  | 106  | 105  | 100  | 084   | 095  |
| 12   | 060  | 077  | 050  | 037  | 054 | 076  | 092  | 083  | 070  | 077  | 090  | 088  | 056  | 060  | 055   | 082  | 081 | 110  | 104  | 121  | 109  | 102  | 095   | 095  |
| 13   | 053  | 082  | 047  | 051  | 080 | 098  | 087  | 100  | 086  | 079  | 095  | 093  | 068  | 080  | 063   | 059  | 100 | 097  | 118  | 129  | 110  | 098  | 105   | 095  |
| 14   | 056  | 073  | 051  | 053  | 081 | 071  | 057  | 095  | 072  | 061  | 086  | 109  | 066  | 069  | 069   | 067  | 109 | 111  | 110  | 123  | 094  | 087  | 097   | 082  |
| 15   | 061  | 088  | 050  | 052  | 096 | 078  | 064  | 087  | 090  | 058  | 081  | 044  | 058  | 076  | 056   | 076  | 115 | 090  | 125  | 118  | 095  | 080  | 098   | 100  |
| 16   | 063  | 086  | 061  | 053  | 063 | 084  | 072  | 091  | 078  | 061  | 090  | 081  | 047  | 059  | 063   | 060  | 098 | 100  | 128  | 136  | 097  | 066  | 104   | 079  |
| 17   | 061  | 077  | 058  | 064  | 081 | 084  | 083  | 085  | 106  | 056  | 098  | 088  | 060  | 073  | 053   | 067  | 092 | 113  | 098  | 120  | 121  | 095  | 094   | 082  |
| 18   | 072  | 072  | 052  | 057  | 079 | 093  | 093  | 074  | 109  | 073  | 082  | 090  | 077  | 070  | 058   | 097  | 097 | 129  | 118  | 134  | 110  | 098  | 087   | 078  |
| 19   | 064  | 062  | 054  | 011  | 081 | 060  | 080  | 070  | 095  | 084  | 086  | 094  | 055  | 069  | 066   | 068  | 082 | 100  | 103  | 129  | 089  | 075  | 080   | 093  |
| 20   | 061  | 071  | 051  | 034  | 077 | 097  | 057  | 097  | 076  | 077  | 084  | 091  | 066  | 063  | 067   | 086  | 100 | 098  | 116  | 131  | 098  | 104  | 084   | 086  |
| 21   | 061  | 063  | 037  | 051  | 073 | 083  | 072  | 091  | 084  | 060  | 082  | 087  | 063  | 066  | 062   | 055  | 107 | 104  | 105  | 112  | 115  | 080  | 093   | 070  |
| 22   | 062  | 059  | 037  | 057  | 088 | 084  | 074  | 061  | 076  | 066  | 083  | 078  | 074  | 058  | 050   | 075  | 104 | 117  | 114  | 110  | 094  | 079  | 093   | 090  |
| 23   | 066  | 072  | 040  | 057  | 052 | 051  | 078  | 072  | 074  | 069  | 089  | 037  | 067  | 063  | 078   | 062  | 096 | 089  | 097  | 105  | 097  | 088  | 101   | 090  |
| 24   | 067  | 046  | 045  | 053  | 065 | 049  | 083  | 081  | 070  | 069  | 082  | 084  | 065  | 063  | 055   | 087  | 116 | 091  | 104  | 112  | 105  | 086  | 090   | 089  |
| 25   | 070  | 045  | 056  | 036  | 058 | 067  | 062  | 081  | 083  | 073  | 088  | 073  | 073  | 049  | 071   | 043  | 102 | 108  | 116  | 116  | 111  | 080  | 096   | 096  |
| 26   | 035  | 049  | 041  | 040  | 086 | 063  | 073  | 082  | 085  | 085  | 086  |      |      |      |       |      |     |      |      |      |      |      |       |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1885 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep.  | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May   | June  | July | Aug.  | Sep.  | Oct.  | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|-------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|-------|------|------|
| 1    | 095  | 097  | 056  | 095  | 097 | 096  | 108  | 108  | 079   | 100  | 106  | 116  | 097  | 098  | 097  | 089  | 114   | 110   | 142  | 126   | 102   | 093   | 111  | 125  |
| 2    | 100  | 095  | 069  | 093  | 101 | 084  | 088  | 045  | 078   | 084  | 103  | 100  | 096  | 100  | 089  | 091  | 115   | 111   | 104  | 135   | (070) | 089   | 102  | 107  |
| 3    | 082  | 108  | 083  | 096  | 059 | 082  | 103  | 088  | 063   | 107  | 110  | 109  | 084  | 105  | 096  | 092  | 116   | 114   | 130  | 109   | 093   | 108   | 103  | 096  |
| 4    | 089  | 116  | 089  | 096  | 109 | 071  | 122  | 091  | 072   | 095  | 125  | 111  | 084  | 111  | 091  | 080  | 100   | 121   | 120  | 123   | 151   | 100   | 113  | 111  |
| 5    | 091  | 105  | 091  | 113  | 097 | 083  | 115  | 104  | 061   | 107  | 112  | 108  | 094  | 105  | 089  | 078  | 118   | 135   | 149  | 125   | 159   | 118   | 123  | 120  |
| 6    | 098  | 088  | 096  | 077  | 096 | 092  | 117  | 111  | 097   | 099  | 111  | 094  | 101  | 098  | 088  | 080  | 102   | 117   | 095  | 141   | 106   | 113   | 115  | 106  |
| 7    | 095  | 100  | 099  | 087  | 087 | 089  | 102  | 079  | 097   | 113  | 116  | 098  | 096  | 107  | 094  | 088  | 110   | 118   | 139  | (194) | 131   | 104   | 127  | 090  |
| 8    | 093  | 104  | 096  | 079  | 087 | 101  | 102  | 074  | 093   | 105  | 096  | 089  | 087  | 098  | 098  | 080  | 117   | 125   | 146  | 119   | 134   | 085   | 098  | 093  |
| 9    | 080  | 091  | 092  | 076  | 089 | 109  | 121  | 102  | (189) | 095  | 105  | 088  | 100  | 091  | 096  | 091  | 100   | 129   | 130  | 128   | 126   | 087   | 116  | 096  |
| 10   | 100  | 103  | 096  | 083  | 092 | 126  | 128  | 084  | 072   | 108  | 089  | 093  | 091  | 073  | 098  | 081  | 110   | 147   | 135  | 133   | 095   | 097   | 119  | 103  |
| 11   | 091  | 091  | 101  | 091  | 064 | 097  | 121  | 093  | 076   | 111  | 111  | 100  | 096  | 096  | 108  | 095  | 155   | 103   | 136  | 157   | 119   | 113   | 130  | 109  |
| 12   | 092  | 100  | 093  | 076  | 080 | 089  | 107  | 100  | 092   | 107  | 088  | 103  | 100  | 085  | 106  | 093  | 110   | 131   | 144  | 138   | 123   | (039) | 086  | 108  |
| 13   | 077  | 093  | 087  | 074  | 093 | 095  | 121  | 107  | 085   | 110  | 110  | 115  | 094  | 094  | 101  | 096  | 110   | 124   | 131  | 125   | 118   | 088   | 108  | 112  |
| 14   | 095  | 090  | 081  | 086  | 061 | 085  | 111  | 095  | 098   | 101  | 106  | 124  | 102  | 102  | 095  | 106  | 092   | 123   | 136  | 115   | 134   | 096   | 116  | 120  |
| 15   | 095  | 097  | 068  | 071  | 089 | 102  | 107  | 097  | 106   | 089  | 111  | 107  | 106  | 103  | 092  | 104  | 120   | 109   | 134  | 112   | 147   | 100   | 097  | 115  |
| 16   | 089  | 101  | 055  | 065  | 051 | 090  | 119  | 077  | 045   | 081  | 115  | 110  | 097  | 106  | 094  | 088  | 089   | 144   | 129  | 107   | 143   | 102   | 120  | 116  |
| 17   | 090  | 097  | 072  | 071  | 089 | 092  | 096  | 090  | 078   | 115  | 120  | 114  | 107  | 100  | 083  | 076  | 090   | 114   | 122  | 110   | 115   | 095   | 120  | 110  |
| 18   | 081  | 095  | 085  | 080  | 080 | 093  | 113  | 079  | 092   | 119  | 116  | 114  | 104  | 084  | 089  | 094  | 097   | 124   | 137  | 123   | 102   | 125   | 102  | 110  |
| 19   | 087  | 090  | 085  | 093  | 074 | 080  | 088  | 089  | 087   | 115  | 100  | 113  | 100  | 100  | 091  | 124  | 109   | 089   | 129  | 113   | 106   | 113   | 107  | 118  |
| 20   | 078  | 091  | 097  | 088  | 084 | 100  | 095  | 093  | 093   | 112  | 101  | 106  | 097  | 107  | 083  | 085  | 113   | 127   | 125  | 113   | 106   | 117   | 100  | 100  |
| 21   | 084  | 093  | 065  | 089  | 063 | 095  | 095  | 078  | 107   | 107  | 102  | 111  | 100  | 106  | 078  | 115  | 100   | 124   | 133  | 131   | 127   | 101   | 109  | 109  |
| 22   | 067  | 061  | 087  | 087  | 095 | 081  | 095  | 083  | 095   | 107  | 104  | 111  | 096  | 093  | 079  | 106  | 149   | 134   | 132  | 129   | 143   | 116   | 106  | 112  |
| 23   | 064  | 084  | 088  | 093  | 093 | 083  | 090  | 088  | 070   | 116  | 100  | 112  | 081  | 096  | 091  | 108  | 115   | 122   | 111  | 121   | 149   | 104   | 115  | 109  |
| 24   | 075  | 085  | 082  | 097  | 088 | 080  | 089  | 083  | 075   | 097  | 107  | 108  | 084  | 090  | 080  | 117  | 111   | 141   | 125  | 125   | 107   | 091   | 108  | 112  |
| 25   | 074  | 096  | 085  | 076  | 089 | 085  | 092  | 098  | 105   | 087  | 110  | 112  | 082  | 103  | 092  | 098  | 110   | (236) | 132  | 130   | 109   | 092   | 108  | 126  |
| 26   | 086  | 086  | 090  | 101  | 033 | 072  | 093  | 091  | 082   | 100  | 115  | 117  | 098  | 101  | 084  | 128  | (059) | 103   | 123  | 126   | 132   | 115   | 111  | 127  |
| 27   | 095  | 074  | 082  | 076  | 057 | 084  | 122  | 084  | 076   | 111  | 100  | 109  | 092  | 082  | 082  | 104  | 115   | 097   | 124  | 124   | 114   | 097   | 105  | 120  |
| 28   | 080  | 092  | 099  | 068  | 039 | 097  | 083  | 058  | 075   | 108  | 108  | 123  | 083  | 105  | 093  | 067  | 091   | 116   | 125  | 100   | 113   | 114   | 098  | 116  |
| 29   | 092  | 090  | 080  | 074  | 104 | 091  | 076  | 096  | 096   | 108  | 108  | 110  | 098  | 088  | 107  | 111  | 127   | 110   | 150  | 109   | 100   | 116   | 114  | 114  |
| 30   | 059  | 099  | 090  | 081  | 097 | 080  | 072  | 098  | 101   | 110  | 124  | 114  | 077  | 088  | 113  | 123  | 087   | 142   | 111  | 096   | 087   | 118   | 124  | 124  |
| 31   | 095  | 097  | 095  | 078  | 090 | 078  | 090  | 090  | 110   | 110  | 114  | 114  | 077  | 091  | 136  | 087  | 140   | 119   | 076  | 076   | 101   | 107   | 105  | 105  |
| Mean | 086  | 094  | 086  | 085  | 080 | 091  | 100  | 087  | 083   | 104  | 107  | 108  | 094  | 098  | 091  | 096  | 112   | 115   | 129  | 124   | 121   | 101   | 107  | 105  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1886 | Jan. | Feb. | Marz | Apr.  | May   | June | July | Aug. | Sep.  | Oct.  | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July  | Aug.  | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|-------|-------|------|------|------|-------|-------|------|------|------|------|------|------|-----|------|-------|-------|------|------|------|------|
| 1    | 116  | 123  | 118  | 093   | 126   | 129  | 091  | 110  | 110   | 107   | 120  | 124  | 120  | 128  | 133  | 142  | 107 | 143  | 167   | 132   | 132  | 109  | 127  | 127  |
| 2    | 120  | 123  | 110  | 101   | 102   | 124  | 088  | 096  | 117   | 112   | 109  | 134  | 111  | 126  | 115  | 097  | 160 | 139  | 150   | 137   | 144  | 120  | 116  | 112  |
| 3    | 123  | 126  | 132  | 092   | 103   | 134  | 113  | 109  | 104   | 119   | 119  | 131  | 123  | 105  | 086  | 110  | 102 | 136  | 166   | 135   | 142  | 126  | 117  | 121  |
| 4    | 121  | 117  | 133  | 102   | 111   | 109  | 115  | 123  | 125   | 112   | 094  | 139  | 106  | 124  | 131  | 112  | 143 | 133  | 149   | 142   | 146  | 122  | 120  | 136  |
| 5    | 117  | 087  | 122  | 099   | 112   | 121  | 127  | 114  | 118   | 107   | 110  | 120  | 117  | 094  | 145  | 117  | 132 | 110  | 156   | 122   | 128  | 076  | 130  | 130  |
| 6    | 113  | 116  | 125  | 107   | 129   | 095  | 131  | 116  | 116   | 103   | 113  | 150  | 111  | 120  | 132  | 122  | 167 | 151  | 120   | 154   | 143  | 088  | 101  | 112  |
| 7    | 126  | 106  | 114  | 125   | 130   | 124  | 117  | 114  | 118   | 066   | 104  | 139  | 132  | 125  | 138  | 121  | 149 | 149  | 137   | 133   | 155  | 097  | 113  | 143  |
| 8    | 126  | 118  | 109  | 112   | 136   | 134  | 136  | 112  | 114   | (039) | 121  | 115  | 117  | 092  | 124  | 130  | 160 | 113  | 130   | 128   | 156  | 135  | 112  | 149  |
| 9    | 146  | 123  | 124  | 103   | (-15) | 138  | 131  | 114  | 105   | 062   | 120  | 148  | 112  | 114  | 116  | 119  | 139 | 137  | 135   | 113   | 136  | 074  | 121  | 145  |
| 10   | 096  | 101  | 113  | 113   | 081   | 148  | 131  | 114  | 070   | 072   | 117  | 141  | 088  | 097  | 109  | 126  | 138 | 141  | 152   | 141   | 139  | 131  | 122  | 143  |
| 11   | 105  | 114  | 120  | 111   | 098   | 131  | 138  | 120  | 061   | 091   | 129  | 152  | 102  | 116  | 116  | 141  | 145 | 154  | 119   | 127   | 122  | 104  | 117  | 140  |
| 12   | 111  | 109  | 113  | 116   | 102   | 121  | 119  | 127  | 091   | 086   | 102  | 145  | 102  | 111  | 126  | 123  | 122 | 164  | 131   | (218) | 155  | 116  | 086  | 140  |
| 13   | 113  | 133  | 121  | 100   | 114   | 124  | 129  | 100  | 102   | 111   | 100  | 153  | 115  | 122  | 121  | 117  | 155 | 148  | 131   | 129   | 147  | 112  | 133  | 149  |
| 14   | 122  | 127  | 122  | 072   | 122   | 122  | 126  | 146  | 085   | 105   | 129  | 150  | 101  | 121  | 120  | 100  | 124 | 179  | 170   | 138   | 135  | 108  | 134  | 147  |
| 15   | 124  | 127  | 129  | (050) | 081   | 117  | 128  | 081  | 087   | 101   | 133  | 147  | 100  | 137  | 122  | 103  | 136 | 142  | 130   | 122   | 129  | 111  | 130  | 150  |
| 16   | 123  | 133  | 117  | 079   | 114   | 126  | 113  | 108  | (050) | 106   | 124  | 148  | 111  | 124  | 123  | 146  | 137 | 161  | 132   | 114   | 133  | 118  | 140  | 140  |
| 17   | 118  | 108  | 096  | 109   | 117   | 124  | 130  | 094  | 101   | 102   | 125  | 136  | 122  | 116  | 128  | 132  | 108 | 143  | 141   | 145   | 101  | 126  | 152  | 141  |
| 18   | 129  | 116  | 099  | 113   | (59)  | 135  | 125  | 104  | 097   | 116   | 134  | 149  | 123  | 112  | 122  | 146  | 133 | 133  | 171   | 113   | 124  | 123  | 158  | 138  |
| 19   | 130  | 120  | 108  | 100   | 111   | 131  | 117  | 094  | 097   | 101   | 140  | 146  | 117  | 103  | 133  | 119  | 133 | 148  | (203) | 136   | 108  | 117  | 152  | 131  |
| 20   | 116  | 119  | 081  | 111   | 126   | 131  | 080  | 120  | 106   | 122   | 109  | 150  | 114  | 122  | 114  | 140  | 142 | 157  | 109   | 141   | 103  | 125  | 123  | 136  |
| 21   | 124  | 121  | 114  | 099   | 129   | 131  | 106  | 099  | 117   | 125   | 135  | 130  | 111  | 120  | 106  | 128  | 153 | 152  | 140   | 147   | 153  | 130  | 124  | 133  |
| 22   | 129  | 123  | 103  | 109   | 112   | 131  | 093  | 108  | 108   | 124   | 131  | 146  | 125  | 126  | 122  | 138  | 170 | 139  | 132   | 138   | 122  | 117  | 138  | 130  |
| 23   | 128  | 102  | 113  | 113   | 125   | 131  | 108  | 120  | 109   | 114   | 146  | 119  | 117  | 127  | 132  | 139  | 153 | 150  | 124   | 117   | 117  | 117  | 137  | 130  |
| 24   | 124  | 127  | 115  | 118   | 119   | 123  | 114  | 092  | 105   | 112   | 122  | 120  | 109  | 145  | 134  | 142  | 147 | 151  | 128   | 118   | 116  | 120  | 112  | 137  |
| 25   | 124  | 132  | 111  | 133   | 118   | 121  | 121  | 113  | 102   | 125   | 118  | 130  | 127  | 135  | 108  | 082  | 147 | 14   |       |       |      |      |      |      |



9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1887 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec.  |
|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|-------|
| 1    | 123  | 096  | 140  | 132  | 127 | 117  | 149  | 152  | 130  | 139  | 152  | 167  | 126  | 123  | 137  | 140  | 157 | 159  | 171  | 172  | 200  | 162  | 165  | 167   |
| 2    | 131  | 142  | 136  | 122  | 122 | 132  | 147  | 128  | 144  | 148  | 157  | 168  | 127  | 119  | 133  | 136  | 126 | 177  | 182  | 168  | 187  | 156  | 164  | 163   |
| 3    | 128  | 142  | 149  | 131  | 111 | 136  | 145  | 103  | 132  | 148  | 153  | 172  | 134  | 129  | 142  | 123  | 150 | 151  | 186  | 181  | 179  | 162  | 178  | 169   |
| 4    | 122  | 153  | 142  | 119  | 116 | 141  | 152  | 122  | 151  | 147  | 151  | 177  | 129  | 139  | 136  | 136  | 129 | 173  | 194  | 150  | 183  | 153  | 163  | 177   |
| 5    | 128  | 139  | 140  | 091  | 107 | 151  | 145  | 121  | 149  | 153  | 154  | 175  | 138  | 133  | 143  | 097  | 139 | 201  | 202  | 127  | 183  | 167  | 164  | 178   |
| 6    | 138  | 135  | 131  | 092  | 110 | 146  | 149  | 116  | 148  | 156  | 159  | 176  | 140  | 124  | 131  | 131  | 156 | 169  | 189  | 149  | 187  | 175  | 167  | 183   |
| 7    | 125  | 143  | 129  | 100  | 113 | 134  | 109  | 110  | 146  | 147  | 140  | 171  | 140  | 132  | 112  | 117  | 145 | 177  | 200  | 159  | 190  | 169  | 166  | 161   |
| 8    | 137  | 141  | 147  | 106  | 114 | 140  | 120  | 144  | 135  | 153  | 153  | 168  | 144  | 137  | 137  | 125  | 137 | 167  | 190  | 167  | 195  | 127  | 166  | 165   |
| 9    | 132  | 135  | 122  | 106  | 132 | 139  | 137  | 142  | 169  | 151  | 156  | 174  | 139  | 121  | 139  | 128  | 146 | 175  | 177  | 167  | 196  | 161  | 154  | 168   |
| 10   | 133  | 130  | 135  | 110  | 125 | 123  | 139  | 152  | 160  | 153  | 138  | 172  | 141  | 135  | 154  | 135  | 162 | 160  | 171  | 165  | 169  | 165  | 127  | 172   |
| 11   | 143  | 128  | 129  | 100  | 122 | 155  | 114  | 135  | 151  | 147  | 157  | 174  | 140  | 143  | 138  | 105  | 150 | 166  | 159  | 160  | 184  | 148  | 155  | 180   |
| 12   | 130  | 137  | 136  | 119  | 147 | 118  | 123  | 147  | 136  | 123  | 158  | 178  | 136  | 102  | 134  | 136  | 165 | 159  | 160  | 155  | 181  | 133  | 161  | 177   |
| 13   | 145  | 123  | 127  | 127  | 123 | 118  | 150  | 146  | 148  | 141  | 155  | 171  | 137  | 107  | 152  | 142  | 139 | 177  | 179  | 173  | 169  | 135  | 175  | 152   |
| 14   | 133  | 123  | 116  | 138  | 108 | 131  | 164  | 146  | 156  | 127  | 150  | 163  | 148  | 090  | 128  | 142  | 128 | 163  | 185  | 186  | 192  | 142  | 163  | 149   |
| 15   | 112  | 120  | 102  | 102  | 129 | 133  | 161  | 125  | 151  | 143  | 161  | 177  | 117  | 126  | 125  | 145  | 142 | 173  | 189  | 167  | 183  | 154  | 162  | 165   |
| 16   | 117  | 132  | 128  | 125  | 118 | 143  | 152  | 129  | 158  | 139  | 165  | 179  | 113  | 125  | 129  | 133  | 152 | 178  | 183  | 182  | 154  | 158  | 170  | 150   |
| 17   | 131  | 138  | 128  | 116  | 125 | 146  | 166  | 139  | 146  | 142  | 175  | 172  | 129  | 131  | 127  | 102  | 160 | 173  | 173  | 183  | 178  | 169  | 169  | 131   |
| 18   | 122  | 134  | 133  | 104  | 129 | 155  | 162  | 139  | 145  | 147  | 171  | 165  | 130  | 133  | 131  | 119  | 161 | 173  | 175  | 191  | 183  | 159  | 163  | 168   |
| 19   | 129  | 143  | 132  | 124  | 133 | 167  | 167  | 140  | 156  | 151  | 183  | 159  | 125  | 135  | 138  | 148  | 156 | 138  | 150  | 176  | 170  | 145  | 147  | (112) |
| 20   | 111  | 151  | 135  | 101  | 121 | 143  | 147  | 137  | 151  | 148  | 155  | 158  | 130  | 134  | 124  | 147  | 155 | 188  | 167  | 182  | 175  | 152  | 164  | 161   |
| 21   | 132  | 122  | 123  | 120  | 126 | 145  | 156  | 154  | 149  | 153  | 168  | 159  | 126  | 145  | 132  | 135  | 168 | 174  | 180  | 178  | 176  | 159  | 160  | 144   |
| 22   | 133  | 134  | 117  | 129  | 130 | 129  | 151  | 150  | 133  | 135  | 153  | 123  | 120  | 127  | 141  | 133  | 170 | 172  | 181  | 173  | 164  | 135  | 150  | 161   |
| 23   | 128  | 125  | 121  | 127  | 144 | 148  | 160  | 135  | 151  | 148  | 141  | 168  | 117  | 126  | 117  | 128  | 159 | 165  | 193  | 184  | 167  | 180  | 148  | 162   |
| 24   | 130  | 132  | 091  | 112  | 110 | 152  | 156  | 149  | 146  | 142  | 154  | 168  | 118  | 138  | 130  | 141  | 164 | 160  | 167  | 164  | 146  | 142  | 155  | 167   |
| 25   | 131  | 145  | 119  | 128  | 111 | 153  | 151  | 154  | 166  | 143  | 159  | 162  | 107  | 127  | 134  | 120  | 142 | 145  | 186  | 219  | 169  | 135  | 159  | 171   |
| 26   | 126  | 141  | 115  | 129  | 129 | 154  | 148  | 162  | 165  | 138  | 159  | 158  | 120  | 131  | 147  | 144  | 159 | 159  | 173  | 191  | 130  | 152  | 162  | 171   |
| 27   | 121  | 136  | 136  | 131  | 137 | 149  | 160  | 142  | 143  | 129  | 171  | 148  | 110  | 129  | 161  | 151  | 153 | 174  | 173  | 182  | 167  | 137  | 163  | 170   |
| 28   | 128  | 145  | 123  | 149  | 128 | 136  | 159  | 144  | 101  | 143  | 174  | 157  | 129  | 137  | 136  | 090  | 184 | 156  | 176  | 181  | 169  | 150  | 163  | 163   |
| 29   | 135  |      | 124  | 070  | 127 | 150  | 149  | 152  | 149  | 146  | 170  | 155  | 130  |      | 140  | 132  | 176 | 171  | 178  | 175  | 153  | 155  | 161  | 157   |
| 30   | 137  |      | 124  | 119  | 133 | 145  | 163  | 115  | 130  | 137  | 167  | 167  | 135  |      | 143  | 140  | 141 | 173  | 178  | 175  | 165  | 161  | 166  | 164   |
| 31   | 142  |      | 137  |      | 130 |      | 162  | 134  |      | 140  |      | 173  | 134  |      | 120  |      | 156 |      | 187  | 186  |      | 157  |      | 171   |
| Mean | 129  | 134  | 128  | 116  | 124 | 141  | 149  | 138  | 146  | 144  | 159  | 166  | 129  | 128  | 136  | 133  | 152 | 168  | 179  | 173  | 175  | 153  | 161  | 165   |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1888 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep.  | Oct. | Nov.  | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|-------|------|-------|------|------|------|------|------|-----|------|------|------|------|------|------|------|
| 1    | 168  | 167  | 155  | 152  | 132 | 159  | 144  | 173  | 151   | 165  | 155   | 163  | 159  | 162  | 157  | 154  | 168 | 179  | 196  | 184  | 187  | 164  | 142  | 165  |
| 2    | 163  | 170  | 157  | 164  | 156 | 160  | 163  | 172  | 156   | 169  | 156   | 165  | 174  | 162  | 159  | 155  | 159 | 185  | 183  | 182  | 182  | 158  | 157  | 159  |
| 3    | 176  | 165  | 162  | 147  | 153 | 163  | 156  | 171  | 161   | 176  | 153   | 173  | 175  | 162  | 167  | 149  | 169 | 198  | 181  | 173  | 181  | 165  | 158  | 162  |
| 4    | 173  | 170  | 171  | 143  | 153 | 134  | 150  | 141  | 164   | 173  | 156   | 164  | 165  | 153  | 161  | 148  | 172 | 168  | 181  | 167  | 186  | 165  | 160  | 155  |
| 5    | 171  | 171  | 169  | 145  | 150 | 139  | 168  | 160  | 165   | 155  | 153   | 166  | 171  | 138  | 156  | 176  | 174 | 181  | 191  | 169  | 188  | 174  | 147  | 166  |
| 6    | 172  | 163  | 168  | 147  | 152 | 143  | 160  | 160  | 161   | 151  | 149   | 166  | 150  | 153  | 166  | 141  | 171 | 211  | 195  | 187  | 194  | 165  | 154  | 162  |
| 7    | 168  | 172  | 176  | 152  | 140 | 160  | 173  | 157  | 166   | 157  | 145   | 166  | 174  | 153  | 177  | 146  | 223 | 190  | 191  | 174  | 182  | 168  | 142  | 164  |
| 8    | 120  | 176  | 118  | 146  | 127 | 155  | 168  | 168  | 178   | 155  | 145   | 156  | 132  | 166  | 155  | 160  | 182 | 195  | 194  | 134  | 173  | 165  | 137  | 169  |
| 9    | 153  | 168  | 160  | 146  | 131 | 149  | 147  | 163  | 157   | 160  | 146   | 158  | 160  | 155  | 133  | 162  | 177 | 174  | 167  | 176  | 178  | 164  | 153  | 159  |
| 10   | 162  | 176  | 128  | 146  | 146 | 157  | 164  | 164  | 158   | 159  | 151   | 166  | 158  | 151  | 121  | 159  | 164 | 193  | 183  | 186  | 176  | 162  | 160  | 170  |
| 11   | 169  | 169  | 144  | 139  | 136 | 149  | 163  | 160  | 153   | 161  | 132   | 163  | 158  | 151  | 156  | 173  | 173 | 186  | 190  | 190  | 168  | 168  | 148  | 165  |
| 12   | 176  | 177  | 153  | 116  | 134 | 162  | 165  | 151  | 177   | 167  | 158   | 163  | 176  | 167  | 161  | 148  | 161 | 184  | 201  | 151  | 163  | 158  | 152  | 166  |
| 13   | 144  | 172  | 155  | 108  | 132 | 154  | 161  | 164  | (077) | 132  | 157   | 168  | 160  | 171  | 149  | 173  | 183 | 180  | 181  | 186  | 159  | 161  | 156  | 146  |
| 14   | 152  | 163  | 151  | 132  | 139 | 167  | 165  | 167  | 146   | 157  | 157   | 171  | 170  | 161  | 149  | 145  | 173 | 210  | 190  | 181  | 159  | 167  | 157  | 163  |
| 15   | 147  | 153  | 146  | 139  | 151 | 178  | 170  | 160  | 146   | 160  | 157   | 151  | 146  | 154  | 188  | 156  | 165 | 190  | 200  | 180  | 155  | 171  | 159  | 155  |
| 16   | 162  | 163  | 127  | 139  | 152 | 175  | 177  | 148  | 130   | 163  | 152   | 158  | 164  | 148  | 157  | 148  | 166 | 195  | 188  | 162  | 160  | 169  | 154  | 151  |
| 17   | 167  | 162  | 130  | 153  | 144 | 180  | 164  | 144  | 152   | 156  | (101) | 164  | 157  | 150  | 125  | 157  | 173 | 185  | 194  | 192  | 172  | 168  | 136  | 152  |
| 18   | 165  | 163  | 125  | 149  | 162 | 176  | 174  | 156  | 160   | 155  | 146   | 163  | 143  | 162  | 146  | 161  | 173 | 190  | 183  | 164  | 176  | 163  | 152  | 159  |
| 19   | 164  | 162  | 126  | 161  | 170 | 166  | 167  | 141  | 159   | 157  | 151   | 170  | 170  | 147  | 142  | 165  | 173 | 202  | 203  | 188  | 166  | 158  | 165  | 159  |
| 20   | 171  | 147  | 143  | 152  | 171 | 177  | 192  | 148  | 158   | 138  | 155   | 161  | 174  | 159  | 157  | 162  | 224 | 185  | 181  | 186  | 178  | 147  | 155  | 160  |
| 21   | 182  | 129  | 160  | 155  | 157 | 189  | 173  | 152  | 153   | 139  | 158   | 164  | 183  | 162  | 152  | 159  | 211 | 197  | 207  | 193  | 179  | 142  | 162  | 162  |
| 22   | 170  | 153  | 160  | 170  | 152 | 169  | 136  | 167  | 155   | 133  | 160   | 164  | 177  | 159  | 155  | 158  | 175 | 204  | 186  | 187  | 183  | 152  | 152  | 165  |
| 23   | 171  | 160  | 159  | 159  | 177 | 141  | 149  | 164  | 160   | 155  | 165   | 171  | 146  | 147  | 158  | 171  | 216 | 191  | 211  | 181  | 180  | 144  | 164  | 160  |
| 24   | 154  | 159  | 163  | 155  | 161 | 162  | 160  | 157  | 167   | 141  | 170   | 161  | 156  | 152  | 145  | 173  | 186 | 208  | 197  | 186  | 171  | 147  | 168  | 152  |
| 25   | 167  | 164  | 161  | 139  | 170 | 157  | 162  | 172  | 160   | 145  | 170   | 163  | 146  | 152  | 161  | 165  | 165 | 183  | 189  | 182  | 146  | 152  | 167  | 149  |
| 26   | 164  | 165  | 156  | 157  | 1   |      |      |      |       |      |       |      |      |      |      |      |     |      |      |      |      |      |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1889 | Jan. | Feb. | Marz | Apr. | May | June  | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June  | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|-------|------|------|------|------|------|------|------|------|------|------|-----|-------|------|------|------|------|------|------|
| 1    | 160  | 167  | 161  | 160  | 169 | 187   | 175  | 191  | 187  | 195  | 135  | 148  | 164  | 160  | 138  | 162  | 189 | 247   | 211  | 212  | 208  | 201  | 159  | 161  |
| 2    | 171  | 175  | 144  | 159  | 159 | 194   | 197  | 186  | 190  | 183  | 142  | 166  | 162  | 165  | 172  | 166  | 183 | 194   | 204  | 217  | 201  | 203  | 164  | 163  |
| 3    | 173  | 169  | 148  | 168  | 181 | 177   | 190  | 197  | 185  | 195  | 139  | 163  | 168  | 167  | 163  | 187  | 195 | 238   | 202  | 196  | 207  | 200  | 144  | 167  |
| 4    | 169  | 155  | 157  | 161  | 179 | (249) | 194  | 196  | 190  | 200  | 146  | 165  | 170  | 152  | 166  | 172  | 203 | (273) | 208  | 216  | 200  | 208  | 155  | 169  |
| 5    | 167  | 163  | 166  | 160  | 183 | (261) | 201  | 181  | 181  | 177  | 159  | 170  | 169  | 153  | 171  | 169  | 169 | 209   | 210  | 212  | 218  | 213  | 161  | 170  |
| 6    | 174  | 169  | 166  | 165  | 166 | 222   | 185  | 186  | 190  | 144  | 153  | 180  | 174  | 164  | 150  | 171  | 174 | 234   | 222  | 205  | 207  | 183  | 165  | 181  |
| 7    | 180  | 162  | 153  | 178  | 164 | 187   | 186  | 190  | 194  | 160  | 164  | 168  | 178  | 174  | 156  | 157  | 182 | 219   | 201  | 218  | 212  | 163  | 170  | 173  |
| 8    | 170  | 155  | 169  | 130  | 174 | 192   | 190  | 194  | 200  | 158  | 165  | 176  | 166  | 134  | 161  | 159  | 183 | 217   | 189  | 198  | 213  | 186  | 178  | 169  |
| 9    | 172  | 165  | 166  | 157  | 177 | 198   | 196  | 186  | 226  | 164  | 172  | 176  | 167  | 165  | 162  | 171  | 190 | 209   | 207  | 220  | 195  | 172  | 165  | 173  |
| 10   | 176  | 157  | 167  | 147  | 173 | 191   | 190  | 185  | 167  | 170  | 169  | 178  | 159  | 154  | 176  | 159  | 180 | 229   | 218  | 216  | 191  | 191  | 176  | 172  |
| 11   | 162  | 164  | 163  | 156  | 169 | 198   | 194  | 205  | 155  | 169  | 175  | 172  | 165  | 161  | 168  | 180  | 194 | 221   | 215  | 220  | 215  | 193  | 177  | 173  |
| 12   | 167  | 159  | 173  | 156  | 174 | 200   | 184  | 175  | 167  | 138  | 175  | 178  | 165  | 170  | 178  | 179  | 200 | 224   | 204  | 200  | 200  | 147  | 171  | 184  |
| 13   | 162  | 166  | 163  | 155  | 183 | 205   | 174  | 190  | 154  | 140  | 171  | 177  | 154  | 163  | 182  | 182  | 200 | 200   | 213  | 217  | 194  | 149  | 173  | 166  |
| 14   | 162  | 174  | 158  | 152  | 172 | 167   | 185  | 174  | 174  | 146  | 172  | 187  | 173  | 168  | 167  | 181  | 192 | (263) | 215  | 196  | 187  | 155  | 176  | 156  |
| 15   | 167  | 163  | 159  | 150  | 170 | 172   | 143  | 186  | 156  | 149  | 175  | 177  | 161  | 160  | 170  | 178  | 186 | 209   | 235  | 185  | 193  | 156  | 178  | 166  |
| 16   | 166  | 161  | 167  | 161  | 159 | 177   | 181  | 181  | 175  | 148  | 175  | 181  | 166  | 165  | 163  | 184  | 205 | 183   | 193  | 191  | 193  | 150  | 163  | 181  |
| 17   | 167  | 158  | 162  | 157  | 174 | 199   | 154  | 196  | 178  | 160  | 143  | 175  | 165  | 132  | 173  | 185  | 189 | 192   | 210  | 210  | 200  | 146  | 165  | 171  |
| 18   | 168  | 171  | 146  | 160  | 186 | 173   | 160  | 190  | 166  | 153  | 148  | 180  | 163  | 164  | 162  | 182  | 204 | 219   | 171  | 205  | 200  | 158  | 164  | 174  |
| 19   | 171  | 167  | 172  | 152  | 179 | 188   | 173  | 188  | 171  | 156  | 164  | 182  | 166  | 167  | 171  | 168  | 193 | 208   | 206  | 203  | 186  | 159  | 163  | 186  |
| 20   | 178  | 158  | 155  | 162  | 174 | 187   | 173  | 180  | 190  | 143  | 177  | 176  | 128  | 164  | 171  | 180  | 213 | 211   | 197  | 218  | 192  | 164  | 170  | 156  |
| 21   | 149  | 160  | 161  | 170  | 191 | 200   | 181  | 177  | 188  | 146  | 173  | 184  | 154  | 159  | 150  | 181  | 195 | 207   | 187  | 197  | 204  | 158  | 174  | 183  |
| 22   | 165  | 167  | 152  | 171  | 189 | 173   | 178  | 176  | 178  | 143  | 170  | 180  | 157  | 166  | 162  | 174  | 200 | 200   | 198  | 201  | 200  | 158  | 177  | 173  |
| 23   | 156  | 156  | 157  | 170  | 179 | 166   | 180  | 178  | 130  | 158  | 175  | 162  | 158  | 162  | 171  | 189  | 203 | 198   | 203  | 205  | 183  | 158  | 172  | 175  |
| 24   | 157  | 159  | 170  | 154  | 178 | 181   | 183  | 148  | 168  | 155  | 177  | 184  | 153  | 156  | 162  | 179  | 205 | 209   | 204  | 203  | 200  | 165  | 187  | 166  |
| 25   | 163  | 164  | 160  | 171  | 184 | 193   | 193  | 187  | 182  | 155  | 170  | 176  | 165  | 163  | 160  | 165  | 211 | 208   | 211  | 222  | 178  | 151  | 174  | 180  |
| 26   | 170  | 170  | 162  | 151  | 204 | 192   | 174  | 169  | 170  | 168  | 186  | 178  | 163  | 169  | 178  | 184  | 184 | 219   | 207  | 212  | 185  | 174  | 158  | 172  |
| 27   | 168  | 156  | 159  | 154  | 176 | 186   | 192  | 149  | 188  | 168  | 169  | 176  | 166  | 172  | 173  | 177  | 211 | 204   | 206  | 203  | 187  | 170  | 160  | 174  |
| 28   | 166  | 154  | 182  | 161  | 181 | 187   | 190  | 191  | 190  | 175  | 180  | 177  | 160  | 164  | 168  | 182  | 219 | 218   | 211  | 212  | 200  | 168  | 176  | 170  |
| 29   | 178  | 164  | 154  | 181  | 162 | 190   | 175  | 190  | 173  | 162  | 180  | 180  | 170  | 160  | 159  | 184  | 212 | 198   | 219  | 204  | 205  | 165  | 161  | 168  |
| 30   | 168  | 161  | 159  | 188  | 192 | 177   | 155  | 182  | 156  | 142  | 175  | 175  | 164  | 162  | 196  | 215  | 222 | 202   | 211  | 200  | 207  | 164  | 160  | 160  |
| 31   | 173  | 166  | 166  | 181  | 203 | 179   | 163  | 165  | 169  | 172  | 163  | 165  | 169  | 169  | 172  | 163  | 228 | 209   | 203  | 169  | 169  | 169  | 160  | 160  |
| Mean | 168  | 163  | 161  | 157  | 177 | 187   | 183  | 182  | 179  | 162  | 164  | 175  | 163  | 161  | 166  | 176  | 197 | 212   | 206  | 207  | 198  | 172  | 168  | 171  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1890 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep.  | Oct. | Nov.  | Dec. | Jan. | Feb. | Marz | Apr. | May   | June | July | Aug. | Sep. | Oct. | Nov.  | Dec. |
|------|------|------|------|------|-----|------|------|------|-------|------|-------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|
| 1    | 171  | 181  | 164  | 175  | 169 | 170  | 164  | 178  | 145   | 168  | 140   | 166  | 173  | 173  | 171  | 163  | 192   | 179  | 209  | 220  | 170  | 175  | 166   | 160  |
| 2    | 175  | 177  | 178  | 161  | 168 | 175  | 177  | 185  | 142   | 168  | 144   | 158  | 176  | 173  | 175  | 159  | 198   | 187  | 219  | 210  | 167  | 171  | 159   | 158  |
| 3    | 155  | 178  | 164  | 149  | 184 | 182  | 184  | 179  | 155   | 156  | 152   | 156  | 172  | 166  | 171  | 176  | 201   | 197  | 207  | 202  | 163  | 162  | 169   | 155  |
| 4    | 171  | 173  | 175  | 159  | 166 | 190  | 188  | 183  | 150   | 153  | 164   | 164  | 176  | 172  | 175  | 175  | 183   | 215  | 213  | 204  | 153  | 160  | 179   | 151  |
| 5    | 189  | 173  | 176  | 175  | 165 | 186  | 179  | 187  | 171   | 157  | 162   | 178  | 177  | 161  | 168  | 173  | 191   | 218  | 207  | 200  | 160  | 166  | 177   | 160  |
| 6    | 180  | 173  | 166  | 159  | 175 | 166  | 183  | 179  | 158   | 137  | 164   | 172  | 168  | 178  | 162  | 163  | 179   | 209  | 202  | 205  | 173  | 164  | 186   | 157  |
| 7    | 177  | 173  | 164  | 156  | 173 | 171  | 182  | 170  | 133   | 156  | 167   | 160  | 173  | 166  | 175  | 169  | 176   | 180  | 210  | 185  | 171  | 161  | 170   | 158  |
| 8    | 178  | 176  | 162  | 150  | 183 | 171  | 174  | 177  | 153   | 161  | (106) | 159  | 180  | 175  | 169  | 179  | 176   | 188  | 188  | 193  | 170  | 155  | (111) | 158  |
| 9    | 178  | 183  | 166  | 164  | 175 | 178  | 193  | 168  | 146   | 135  | 153   | 160  | 181  | 170  | 173  | 177  | 200   | 204  | 205  | 198  | 168  | 151  | 133   | 150  |
| 10   | 181  | 172  | 161  | 171  | 177 | 169  | 178  | 171  | 157   | 157  | 157   | 160  | 169  | 174  | 176  | 180  | 213   | 188  | 191  | 204  | 174  | 148  | 160   | 160  |
| 11   | 171  | 175  | 153  | 161  | 173 | 167  | 193  | 166  | 152   | 157  | 164   | 166  | 172  | 175  | 172  | 185  | 179   | 189  | 223  | 194  | 154  | 159  | 160   | 159  |
| 12   | 181  | 161  | 161  | 161  | 172 | 169  | 169  | 174  | (105) | 161  | 159   | 172  | 175  | 173  | 180  | 177  | 166   | 185  | 195  | 197  | 155  | 159  | 164   | 163  |
| 13   | 185  | 165  | 151  | 163  | 162 | 174  | 171  | 170  | 147   | 146  | 159   | 169  | 166  | 172  | 174  | 170  | 204   | 195  | 204  | 207  | 155  | 161  | 151   | 159  |
| 14   | 172  | 166  | 168  | 165  | 173 | 161  | 164  | 180  | 160   | 161  | 157   | 165  | 164  | 167  | 176  | 172  | 183   | 202  | 193  | 210  | 150  | 160  | 167   | 160  |
| 15   | 171  | 167  | 174  | 167  | 177 | 164  | 171  | 162  | 155   | 167  | 160   | 175  | 180  | 167  | 180  | 184  | 189   | 198  | 200  | 170  | 168  | 161  | 168   | 160  |
| 16   | 171  | 168  | 171  | 166  | 175 | 156  | 171  | 130  | 159   | 161  | 155   | 164  | 176  | 163  | 184  | 183  | 186   | 189  | 195  | 194  | 177  | 172  | 146   | 158  |
| 17   | 171  | 181  | 148  | 173  | 202 | 177  | 184  | 158  | 158   | 170  | 158   | 165  | 178  | 171  | 179  | 162  | 203   | 210  | 197  | 174  | 161  | 170  | 170   | 160  |
| 18   | 175  | 169  | 129  | 165  | 172 | 185  | 170  | 160  | 154   | 144  | 170   | 160  | 158  | 173  | 182  | 179  | 187   | 207  | 196  | 191  | 178  | 154  | 169   | 155  |
| 19   | 180  | 169  | 175  | 181  | 175 | 189  | 152  | 167  | 167   | 133  | 166   | 162  | 171  | 170  | 175  | 172  | 212   | 195  | 193  | 192  | 156  | 167  | 166   | 160  |
| 20   | 176  | 159  | 162  | 165  | 163 | 180  | 164  | 167  | 146   | 154  | 167   | 182  | 174  | 185  | 175  | 169  | 204   | 196  | 215  | 183  | 158  | 171  | 174   | 169  |
| 21   | 180  | 171  | 169  | 153  | 177 | 172  | 186  | 164  | 161   | 168  | 167   | 164  | 179  | 173  | 172  | 180  | 200   | 205  | 195  | 182  | 161  | 178  | 168   | 163  |
| 22   | 169  | 173  | 172  | 162  | 167 | 176  | 171  | 166  | 148   | 175  | 167   | 164  | 182  | 172  | 177  | 172  | (248) | 200  | 215  | 194  | 163  | 165  | 173   | 158  |
| 23   | 175  | 173  | 169  | 167  | 187 | 169  | 172  | 168  | 156   | 181  | 164   | 159  | 177  | 176  | 165  | 172  | 186   | 183  | 198  | 184  | 166  | 181  | 170   | 162  |
| 24   | 182  | 181  | 171  | 158  | 169 | 171  | 184  | 176  | 168   | 161  | 164   | 160  | 176  | 173  | 183  | 181  | 214   | 178  | 184  | 189  | 170  | 168  | 169   | 155  |
| 25   | 181  | 172  | 169  | 175  | 191 | 184  | 174  | 154  | 177   | 170  | 158   | 169  | 172  | 169  | 188  | 186  | 208   | 1    |      |      |      |      |       |      |



9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1891 | Jan. | Feb. | Marz  | Apr.  | May | June | July | Aug. | Sep.  | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr.  | May   | June  | July | Aug. | Sep.  | Oct. | Nov. | Dec. |
|------|------|------|-------|-------|-----|------|------|------|-------|------|------|------|------|------|------|-------|-------|-------|------|------|-------|------|------|------|
| 1    | 156  | 169  | 160   | (080) | 145 | 135  | 175  | 175  | 150   | 181  | 154  | 164  | 154  | 155  | 153  | 136   | 162   | 153   | 180  | 204  | 184   | 173  | 157  | 159  |
| 2    | 166  | 164  | 173   | 104   | 146 | 138  | 163  | 188  | 148   | 152  | 156  | 194  | 155  | 159  | 157  | 147   | 161   | 166   | 175  | 206  | 182   | 153  | 147  | 166  |
| 3    | 167  | 164  | 164   | 115   | 142 | 134  | 158  | 181  | 146   | 151  | 160  | 183  | 155  | 148  | 133  | 158   | 149   | 162   | 183  | 182  | 180   | 175  | 160  | 173  |
| 4    | 158  | 169  | 134   | 127   | 147 | 128  | 134  | 165  | 144   | 156  | 164  | 181  | 165  | 147  | 149  | 154   | 159   | 158   | 174  | 178  | 178   | 176  | 157  | 160  |
| 5    | 161  | 169  | 138   | 136   | 151 | 133  | 141  | 169  | 142   | 165  | 168  | 184  | 159  | 175  | 148  | 140   | 170   | 155   | 190  | 187  | 176   | 148  | 152  | 165  |
| 6    | 162  | 164  | 131   | 135   | 143 | 136  | 129  | 171  | 140   | 169  | 164  | 188  | 147  | 160  | 136  | 148   | 201   | 154   | 205  | 181  | 174   | 156  | 156  | 178  |
| 7    | 165  | 158  | 141   | 140   | 123 | 147  | 148  | 154  | 138   | 169  | 170  | 157  | 162  | 161  | 165  | 151   | 168   | 174   | 200  | 177  | 172   | 163  | 156  | 151  |
| 8    | 164  | 166  | 143   | (070) | 127 | 139  | 142  | 142  | 104   | 181  | 166  | 159  | 162  | 156  | 145  | (194) | 150   | (114) | 183  | 183  | 170   | 209  | 167  | 162  |
| 9    | 161  | 183  | 146   | 129   | 138 | 132  | 162  | 161  | 138   | 176  | 165  | 172  | 153  | 174  | 153  | 153   | 158   | 154   | 183  | 204  | 153   | 175  | 169  | 146  |
| 10   | 168  | 142  | 148   | 119   | 149 | 130  | 159  | 155  | (059) | 154  | 185  | 168  | 168  | 142  | 152  | 140   | 174   | 153   | 183  | 178  | (118) | 178  | 185  | 158  |
| 11   | 157  | 155  | 148   | 127   | 155 | 142  | 160  | 156  | 101   | 150  | 172  | 148  | 148  | 161  | 146  | 153   | 173   | 158   | 162  | 185  | 169   | 178  | 165  | 148  |
| 12   | 176  | 169  | 145   | 119   | 148 | 138  | 175  | 162  | 148   | 153  | 171  | 165  | 160  | 155  | 152  | 130   | 174   | 166   | 166  | 189  | 162   | 144  | 175  | 166  |
| 13   | 164  | 127  | (089) | 120   | 162 | 149  | 157  | 159  | 139   | 158  | 170  | 173  | 150  | 149  | 122  | 140   | 180   | 143   | 178  | 169  | 160   | 142  | 181  | 181  |
| 14   | 156  | 163  | 152   | 135   | 125 | 148  | 169  | 156  | 145   | 152  | 186  | 168  | 147  | 123  | 163  | 137   | (244) | 132   | 180  | 196  | 169   | 148  | 178  | 162  |
| 15   | 161  | 111  | 139   | 137   | 121 | 133  | 165  | 166  | 156   | 154  | 170  | 181  | 165  | 150  | 147  | 147   | 200   | 147   | 172  | 228  | 161   | 155  | 165  | 163  |
| 16   | 170  | 155  | 127   | 138   | 143 | 152  | 173  | 202  | 158   | 163  | 169  | 177  | 168  | 145  | 159  | 149   | 153   | 163   | 173  | 203  | 202   | 162  | 170  | 163  |
| 17   | 144  | 158  | 135   | 152   | 106 | 137  | 141  | 162  | 137   | 158  | 149  | 179  | 144  | 149  | 148  | (196) | 139   | 161   | 176  | 174  | 164   | 175  | 163  | 164  |
| 18   | 145  | 152  | 155   | 122   | 132 | 147  | 139  | 176  | 159   | 176  | 163  | 183  | 139  | 151  | 113  | 139   | 145   | 168   | 162  | 195  | 180   | 177  | 173  | 176  |
| 19   | 141  | 147  | 143   | 138   | 126 | 157  | 153  | 167  | 145   | 155  | 163  | 179  | 153  | 155  | 149  | 148   | 168   | 176   | 190  | 196  | 184   | 166  | 166  | 147  |
| 20   | 141  | 164  | 139   | 144   | 117 | 116  | 169  | 165  | 140   | 130  | 118  | 169  | 148  | 151  | 148  | 117   | 157   | 183   | 182  | 194  | 177   | 152  | 146  | 152  |
| 21   | 155  | 158  | 123   | 142   | 130 | 158  | 152  | 158  | 142   | 157  | 120  | 169  | 156  | 160  | 154  | 155   | 154   | 185   | 177  | 224  | 179   | 157  | 118  | 162  |
| 22   | 163  | 169  | 125   | 139   | 126 | 140  | 179  | 157  | 147   | 154  | 141  | 156  | 152  | 152  | 150  | 155   | 141   | 156   | 189  | 181  | 170   | 160  | 141  | 146  |
| 23   | 158  | 151  | 124   | 123   | 120 | 156  | 163  | 152  | 136   | 160  | 153  | 155  | 157  | 156  | 118  | 150   | 140   | 204   | 192  | 182  | 166   | 174  | 159  | 142  |
| 24   | 161  | 144  | (093) | 133   | 129 | 165  | 174  | 160  | 133   | 129  | 150  | 168  | 125  | 151  | 125  | 140   | 155   | 193   | 212  | 198  | 165   | 162  | 181  | 162  |
| 25   | 150  | 163  | 127   | 112   | 123 | 150  | 152  | 162  | 142   | 117  | 167  | 155  | 147  | 161  | 125  | 152   | 156   | 179   | 168  | 185  | 166   | 132  | 149  | 148  |
| 26   | 147  | 169  | 119   | 140   | 137 | 150  | 166  | 154  | 147   | 147  | 159  | 181  | 150  | 146  | 139  | 145   | 170   | 189   | 179  | 175  | 181   | 136  | 147  | 160  |
| 27   | 152  | 164  | 135   | 107   | 150 | 153  | 177  | 159  | 161   | 152  | 168  | 167  | 161  | 145  | 150  | 160   | 158   | 192   | 189  | 188  | 159   | 154  | 154  | 153  |
| 28   | 152  | 160  | 130   | 145   | 149 | 156  | 172  | 158  | 145   | 153  | 157  | 163  | 171  | 155  | 153  | 165   | 139   | 173   | 170  | 192  | 156   | 154  | 155  | 158  |
| 29   | 146  |      | 125   | 136   | 128 | 163  | 166  | 156  | 121   | 153  | 158  | 159  | 151  |      | 144  | 150   | 126   | 181   | 203  | 190  | 135   | 141  | 157  | 159  |
| 30   | 161  |      | 137   | 132   | 125 | 162  | 167  | 154  | 161   | 149  | 158  | 184  | 153  |      | 141  | 155   | 158   | 189   | 212  | 188  | 202   | 163  | 153  | 129  |
| 31   | 154  |      | 122   | 135   | 135 | 180  | 152  | 152  |       | 150  |      | 181  | 162  |      | 148  | 162   |       | 192   | 186  |      | 155   |      | 171  |      |
| Mean | 157  | 158  | 139   | 130   | 135 | 144  | 160  | 163  | 142   | 156  | 160  | 171  | 156  | 153  | 145  | 147   | 160   | 168   | 183  | 190  | 171   | 161  | 160  | 159  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1892 | Jan. | Feb.  | Marz | Apr.  | May   | June | July  | Aug.  | Sep.  | Oct. | Nov. | Dec.  | Jan. | Feb. | Marz | Apr. | May | June | July  | Aug.  | Sep.  | Oct. | Nov. | Dec.  |
|------|------|-------|------|-------|-------|------|-------|-------|-------|------|------|-------|------|------|------|------|-----|------|-------|-------|-------|------|------|-------|
| 1    | 175  | 176   | 147  | 142   | 107   | 185  | 170   | 175   | 167   | 167  | 159  | 175   | 165  | 171  | 145  | 163  | 137 | 197  | 200   | (244) | 203   | 171  | 164  | 173   |
| 2    | 189  | 165   | 138  | 135   | (055) | 192  | 162   | 166   | 149   | 172  | 155  | 171   | 167  | 158  | 170  | 179  | 157 | 217  | (269) | 188   | 176   | 165  | 158  | 164   |
| 3    | 188  | 154   | 168  | 139   | 120   | 179  | 165   | 174   | 156   | 161  | 160  | 171   | 168  | 174  | 167  | 166  | 153 | 184  | 222   | 208   | 206   | 186  | 167  | 165   |
| 4    | 200  | 137   | 144  | 144   | 124   | 167  | 178   | 132   | 155   | 117  | 188  | 190   | 178  | 168  | 143  | 163  | 148 | 217  | 219   | 218   | 196   | 167  | 193  | 167   |
| 5    | 151  | 172   | 156  | 160   | 153   | 178  | 196   | 159   | 152   | 177  | 124  | (117) | 166  | 172  | 153  | 161  | 146 | 198  | 196   | 188   | 185   | 188  | 144  | (115) |
| 6    | 139  | 173   | 164  | 161   | 147   | 197  | 175   | 144   | 164   | 158  | 132  | 141   | 133  | 149  | 169  | 167  | 139 | 175  | 207   | 210   | 183   | 173  | 153  | 139   |
| 7    | 149  | 168   | 119  | 150   | 121   | 184  | 180   | 154   | 150   | 167  | 154  | 162   | 151  | 167  | 185  | 179  | 205 | 230  | 224   | 176   | 202   | 171  | 168  | 141   |
| 8    | 152  | 174   | 132  | 152   | 174   | 192  | 139   | 162   | 172   | 165  | 151  | 162   | 144  | 157  | 162  | 168  | 141 | 208  | 196   | 172   | 189   | 183  | 163  | 166   |
| 9    | 138  | 155   | 142  | 177   | 142   | 184  | 185   | 129   | 166   | 167  | 171  | 156   | 151  | 156  | 162  | 153  | 195 | 232  | 204   | 171   | 192   | 182  | 176  | 158   |
| 10   | 165  | 166   | 169  | (094) | 148   | 187  | 171   | 131   | 152   | 185  | 162  | 173   | 158  | 168  | 138  | 154  | 230 | 221  | 185   | 177   | 192   | 187  | 155  | 162   |
| 11   | 166  | 173   | 140  | 112   | 167   | 189  | 167   | 167   | 156   | 156  | 178  | 166   | 160  | 147  | 150  | 166  | 186 | 229  | 239   | 198   | 202   | 161  | 181  | 171   |
| 12   | 173  | 178   | 111  | 151   | 171   | 175  | 153   | 148   | 154   | 152  | 178  | 173   | 150  | 154  | 189  | 156  | 186 | 207  | 179   | 212   | 183   | 209  | 180  | 172   |
| 13   | 172  | (223) | 122  | 170   | 167   | 180  | 170   | 122   | 170   | 169  | 171  | 158   | 156  | 154  | 149  | 169  | 178 | 214  | 217   | 172   | 167   | 173  | 181  | 159   |
| 14   | 174  | 149   | 102  | 147   | 178   | 186  | 150   | 145   | 165   | 146  | 175  | 169   | 149  | 154  | 172  | 160  | 209 | 223  | 212   | 168   | 169   | 173  | 192  | 161   |
| 15   | 165  | 138   | 102  | 148   | 174   | 191  | 152   | 149   | 169   | 187  | 162  | 165   | 159  | 135  | 165  | 165  | 206 | 211  | 189   | 178   | 180   | 136  | 165  | 168   |
| 16   | 162  | 143   | 132  | 160   | 188   | 203  | 160   | 153   | 173   | 131  | 171  | 165   | 149  | 141  | 149  | 157  | 193 | 180  | 203   | 183   | 193   | 163  | 177  | 164   |
| 17   | 148  | 141   | 147  | 156   | 185   | 177  | 175   | 151   | 149   | 160  | 184  | 170   | 142  | 139  | 146  | 153  | 228 | 178  | 209   | 195   | 192   | 183  | 170  | 144   |
| 18   | 138  | 146   | 121  | 159   | 159   | 196  | 112   | 168   | 160   | 124  | 129  | 182   | 126  | 142  | 147  | 166  | 223 | 184  | 193   | 183   | 176   | 159  | 172  | 186   |
| 19   | 141  | 121   | 142  | 156   | 169   | 192  | 146   | 162   | 174   | 118  | 140  | 183   | 137  | 118  | 155  | 168  | 216 | 202  | 230   | 185   | 185   | 188  | 155  | 153   |
| 20   | 164  | 147   | 155  | 150   | 179   | 195  | 169   | 166   | 163   | 134  | 158  | 183   | 121  | 145  | 152  | 161  | 168 | 203  | 179   | 212   | 169   | 169  | 170  | 175   |
| 21   | 172  | 157   | 160  | 155   | 161   | 173  | 166   | 153   | 177   | 151  | 167  | 185   | 171  | 153  | 158  | 155  | 171 | 199  | 195   | 190   | (234) | 170  | 185  | 176   |
| 22   | 168  | 160   | 148  | 146   | 134   | 174  | (367) | 165   | (102) | 171  | 179  | 174   | 149  | 155  | 171  | 165  | 205 | 188  | 155   | 200   | 149   | 158  | 172  | 176   |
| 23   | 175  | 148   | 142  | 155   | 148   | 179  | 164   | 170   | 128   | 172  | 176  | 189   | 173  | 156  | 141  | 171  | 197 | 208  | 193   | 227   | 146   | 195  | 168  | 159   |
| 24   | 208  | 161   | 166  | 114   | 167   | 162  | 184   | 149   | 145   | 174  | 196  | 177   | 172  | 157  | 163  | 189  | 200 | 158  | 193   | 183   | 165   | 174  | 191  | 173   |
| 25   | 175  | 159   | 128  | 121   | 169   | 161  | 167   | 144   | 142   | 177  | 178  | 169   | 149  | 155  | 170  | 150  | 205 | 184  | 195   | 177   | 173   | 174  | 168  | 202   |
| 26   | 176  | 136   | 137  | (082) | 166   | 163  | 186   | 144</ |       |      |      |       |      |      |      |      |     |      |       |       |       |      |      |       |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1893 | Jan. | Feb. | Marz | Apr. | May | June  | July | Aug.  | Sep.  | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr.  | May | June | July  | Aug.  | Sep.  | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|-------|------|-------|-------|------|------|------|------|------|------|-------|-----|------|-------|-------|-------|------|------|------|
| 1    | 159  | 177  | 171  | 146  | 153 | 180   | 152  | 181   | 177   | 150  | 181  | 189  | 147  | 175  | 169  | 194   | 184 | 208  | 212   | 212   | 200   | 160  | 186  | 172  |
| 2    | 175  | 181  | 158  | 182  | 169 | 189   | 166  | 182   | 156   | 168  | 195  | 203  | 176  | 186  | 174  | 188   | 183 | 187  | 213   | 212   | 194   | 189  | 202  | 197  |
| 3    | 150  | 199  | 166  | 174  | 179 | 162   | 166  | 177   | 158   | 183  | 157  | 208  | 157  | 162  | 179  | 159   | 227 | 224  | 232   | 208   | 194   | 184  | 178  | 182  |
| 4    | 150  | 179  | 166  | 159  | 165 | 179   | 187  | 183   | 164   | 176  | 162  | 192  | 169  | 197  | 161  | 143   | 196 | 193  | 222   | 217   | 168   | 175  | 151  | 202  |
| 5    | 180  | 134  | 166  | 191  | 171 | 163   | 220  | 181   | 146   | 185  | 175  | 190  | 165  | 168  | 165  | 212   | 188 | 175  | 228   | 183   | 198   | 195  | 193  | 190  |
| 6    | 151  | 163  | 167  | 179  | 171 | 167   | 179  | 218   | 166   | 150  | 185  | 193  | 167  | 168  | 171  | 167   | 187 | 201  | 212   | (327) | 180   | 186  | 183  | 183  |
| 7    | 161  | 164  | 139  | 161  | 167 | (116) | 184  | (036) | 155   | 155  | 180  | 186  | 166  | 169  | 177  | 181   | 173 | 209  | 222   | 251   | 173   | 176  | 192  | 192  |
| 8    | 163  | 146  | 162  | 163  | 142 | 166   | 191  | 154   | 149   | 183  | 183  | 200  | 175  | 177  | 171  | 182   | 148 | 219  | 223   | 194   | 180   | 176  | 192  | 195  |
| 9    | 164  | 165  | 166  | 159  | 162 | 161   | 212  | 165   | 114   | 185  | 187  | 191  | 171  | 172  | 166  | 192   | 229 | 237  | 228   | 191   | 203   | 183  | 147  | 180  |
| 10   | 152  | 167  | 174  | 171  | 153 | 148   | 211  | 181   | 146   | 160  | 190  | 200  | 170  | 166  | 182  | 200   | 177 | 197  | 217   | 212   | (142) | 220  | 191  | 194  |
| 11   | 163  | 157  | 164  | 168  | 165 | 159   | 190  | 183   | 153   | 174  | 184  | 203  | 163  | 178  | 167  | 182   | 191 | 242  | 205   | 222   | 184   | 174  | 190  | 198  |
| 12   | 168  | 168  | 178  | 158  | 180 | 172   | 191  | 209   | 173   | 184  | 196  | 198  | 169  | 180  | 188  | 162   | 181 | 195  | 239   | 246   | 186   | 196  | 197  | 193  |
| 13   | 168  | 161  | 163  | 159  | 161 | 164   | 173  | 174   | 175   | 194  | 197  | 200  | 187  | 179  | 178  | 138   | 172 | 198  | 230   | 225   | 183   | 159  | 193  | 200  |
| 14   | 157  | 166  | 167  | 141  | 159 | 198   | 181  | 171   | 165   | 167  | 194  | 205  | 169  | 171  | 168  | 171   | 183 | 189  | 187   | 243   | 221   | 192  | 189  | 202  |
| 15   | 168  | 163  | 118  | 148  | 159 | 173   | 147  | 173   | 151   | 184  | 186  | 202  | 168  | 190  | 168  | 167   | 197 | 220  | 202   | 218   | 197   | 200  | 182  | 198  |
| 16   | 168  | 139  | 116  | 139  | 131 | 194   | 153  | 170   | 166   | 174  | 200  | 198  | 161  | 184  | 167  | 168   | 181 | 222  | (159) | 214   | 178   | 174  | 192  | 186  |
| 17   | 194  | 154  | 159  | 135  | 136 | 195   | 145  | 180   | 170   | 181  | 191  | 194  | 187  | 166  | 143  | 164   | 206 | 221  | 235   | 217   | 182   | 196  | 176  | 194  |
| 18   | 194  | 144  | 151  | 159  | 161 | 193   | 136  | 186   | 174   | 183  | 199  | 206  | 183  | 171  | 160  | 173   | 207 | 197  | 252   | 210   | 187   | 192  | 174  | 197  |
| 19   | 194  | 162  | 166  | 144  | 153 | 157   | 173  | (105) | 165   | 177  | 190  | 207  | 165  | 182  | 166  | 192   | 193 | 211  | 219   | (271) | 178   | 173  | 181  | 194  |
| 20   | 168  | 144  | 142  | 159  | 151 | 169   | 183  | 150   | 168   | 182  | 194  | 212  | 170  | 148  | 159  | 191   | 189 | 211  | 200   | 166   | 173   | 179  | 183  | 212  |
| 21   | 180  | 161  | 142  | 173  | 158 | 159   | 209  | 162   | 174   | 171  | 196  | 217  | 184  | 170  | 168  | 176   | 187 | 206  | 227   | 185   | 188   | 173  | 190  | 196  |
| 22   | 169  | 167  | 164  | 176  | 177 | 174   | 168  | 127   | 153   | 171  | 215  | 211  | 145  | 155  | 162  | 195   | 203 | 219  | 228   | 182   | 195   | 170  | 202  | 202  |
| 23   | 174  | 164  | 165  | 186  | 180 | 165   | 157  | 168   | 177   | 146  | 194  | 212  | 153  | 159  | 171  | 166   | 182 | 195  | 201   | 233   | 192   | 189  | 193  | 210  |
| 24   | 164  | 160  | 155  | 192  | 191 | 177   | 172  | 159   | 170   | 183  | 195  | 213  | 174  | 167  | 169  | (244) | 191 | 196  | 231   | 204   | 178   | 209  | 194  | 194  |
| 25   | 164  | 154  | 172  | 151  | 184 | 174   | 189  | 154   | 209   | 145  | 204  | 169  | 153  | 183  | 182  | 169   | 188 | 197  | 211   | 216   | 183   | 170  | 179  | 197  |
| 26   | 168  | 174  | 172  | 170  | 167 | 190   | 175  | 164   | 165   | 172  | 206  | 194  | 152  | 174  | 221  | 223   | 188 | 204  | 205   | 212   | 153   | 217  | 167  | 197  |
| 27   | 172  | 184  | 129  | 143  | 170 | 178   | 170  | 170   | 147   | 141  | 180  | 166  | 164  | 170  | 164  | 170   | 192 | 214  | 205   | 213   | (141) | 152  | 174  | 180  |
| 28   | 162  | 172  | 157  | 169  | 173 | 178   | 184  | 167   | 148   | 179  | 172  | 190  | 176  | 178  | 181  | 168   | 198 | 196  | 232   | 206   | 158   | 185  | 195  | 169  |
| 29   | 175  |      | 142  | 166  | 162 | 146   | 200  | 165   | 161   | 182  | 184  | 207  | 194  |      | 194  | 183   | 206 | 236  | 235   | 181   | 171   | 173  | 177  | 182  |
| 30   | 181  |      | 149  | 168  | 183 | 126   | 170  | 156   | (106) | 181  | 145  | 186  | 161  |      | 187  | 176   | 217 | 186  | 206   | 187   | 173   | 182  | 184  | 192  |
| 31   | 173  |      | 133  | 174  | 174 | 154   | 174  | 154   | 173   | 173  | 193  | 193  | 214  |      | 187  | 180   | 218 | 235  | 218   | 235   | 179   | 179  | 171  | 171  |
| Mean | 169  | 163  | 155  | 163  | 165 | 171   | 178  | 171   | 162   | 172  | 187  | 190  | 163  | 173  | 173  | 178   | 191 | 203  | 219   | 210   | 184   | 183  | 184  | 191  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1894 | Jan. | Feb.  | Marz | Apr.  | May | June  | July | Aug.  | Sep. | Oct. | Nov.  | Dec. | Jan. | Feb.  | Marz | Apr. | May   | June  | July  | Aug.  | Sep. | Oct. | Nov. | Dec.  |
|------|------|-------|------|-------|-----|-------|------|-------|------|------|-------|------|------|-------|------|------|-------|-------|-------|-------|------|------|------|-------|
| 1    | 195  | 145   | 125  | 165   | 164 | 212   | 218  | 192   | 193  | 189  | 188   | 204  | 188  | 201   | 209  | 170  | 214   | 236   | 262   | 201   | 226  | 212  | 194  | 196   |
| 2    | 193  | 184   | 167  | 174   | 177 | 200   | 164  | 199   | 193  | 194  | 198   | 214  | 204  | 191   | 163  | 174  | 201   | 223   | 237   | 224   | 219  | 219  | 203  | 197   |
| 3    | 186  | 188   | 167  | 180   | 217 | 185   | 209  | 211   | 194  | 197  | 171   | 210  | 215  | 181   | 173  | 180  | 237   | 241   | 231   | 211   | 219  | 207  | 179  | 208   |
| 4    | 174  | 198   | 165  | 177   | 204 | 197   | 198  | 214   | 186  | 212  | 203   | 205  | 164  | 191   | 168  | 196  | 253   | 227   | 241   | 215   | 222  | 216  | 205  | 200   |
| 5    | 175  | 198   | 173  | (249) | 201 | (131) | 215  | 203   | 191  | 155  | 207   | 221  | 162  | 205   | 183  | 197  | 226   | 229   | 243   | 204   | 204  | 185  | 197  | 214   |
| 6    | 206  | 184   | 177  | 190   | 202 | 199   | 225  | 175   | 187  | 202  | 184   | 203  | 194  | 184   | 180  | 217  | 235   | 229   | 246   | 203   | 216  | 209  | 211  | 207   |
| 7    | 202  | 177   | 181  | 158   | 211 | 205   | 241  | 203   | 190  | 206  | 208   | 195  | 180  | 200   | 194  | 191  | 231   | 211   | 258   | 203   | 204  | 206  | 213  | 198   |
| 8    | 214  | 205   | 193  | 172   | 229 | 215   | 218  | 201   | 195  | 212  | 187   | 209  | 180  | 196   | 197  | 192  | (279) | 209   | 267   | 226   | 223  | 214  | 180  | 204   |
| 9    | 198  | 191   | 178  | 187   | 218 | (236) | 200  | 213   | 190  | 205  | 200   | 207  | 194  | 238   | 178  | 195  | 217   | 261   | 220   | 213   | 213  | 208  | 201  | 201   |
| 10   | 178  | 176   | 200  | 182   | 211 | (057) | 179  | 212   | 191  | 205  | 209   | 211  | 184  | 190   | 192  | 175  | 221   | 202   | 215   | 212   | 205  | 215  | 206  | 193   |
| 11   | 198  | 203   | 170  | 194   | 217 | 193   | 215  | 198   | 172  | 195  | 197   | 215  | 198  | 203   | 200  | 197  | 214   | 264   | 226   | 228   | 219  | 194  | 201  | 209   |
| 12   | 181  | 213   | 200  | 204   | 201 | 189   | 219  | 179   | 187  | 197  | 183   | 220  | 192  | 205   | 193  | 185  | 219   | 230   | 245   | 201   | 204  | 195  | 192  | 201   |
| 13   | 187  | 197   | 181  | 227   | 214 | 202   | 212  | 195   | 197  | 212  | 206   | 214  | 184  | 196   | 192  | 181  | 234   | 215   | 214   | 227   | 219  | 191  | 195  | 203   |
| 14   | 187  | 212   | 196  | 180   | 173 | 188   | 204  | 192   | 207  | 188  | (122) | 191  | 189  | 191   | 214  | 183  | 242   | 257   | 202   | 255   | 234  | 178  | 198  | 196   |
| 15   | 194  | 201   | 201  | 190   | 168 | 193   | 242  | 163   | 162  | 200  | 174   | 202  | 208  | 191   | 204  | 203  | 235   | 229   | 203   | 227   | 220  | 168  | 164  | 186   |
| 16   | 197  | 194   | 188  | 190   | 154 | 206   | 199  | 176   | 174  | 156  | 162   | 215  | 200  | 193   | 207  | 195  | 224   | 208   | 214   | 208   | 205  | 190  | 178  | 192   |
| 17   | 198  | 190   | 205  | 202   | 159 | 171   | 213  | 186   | 179  | 163  | 195   | 204  | 206  | 173   | 214  | 214  | 232   | 221   | 251   | 206   | 195  | 188  | 209  | 197   |
| 18   | 205  | 200   | 200  | 167   | 181 | 208   | 181  | 177   | 192  | 167  | 204   | 214  | 200  | 208   | 185  | 237  | 204   | 237   | 266   | 189   | 215  | 194  | 228  | 210   |
| 19   | 186  | 200   | 197  | 173   | 174 | 140   | 185  | 196   | 206  | 180  | 198   | 207  | 201  | 155   | 192  | 188  | 225   | (285) | (283) | 214   | 250  | 181  | 193  | 201   |
| 20   | 209  | 174   | 176  | 190   | 197 | 209   | 173  | (019) | 170  | 190  | 189   | 215  | 201  | 184   | 194  | 190  | 202   | 243   | 250   | (092) | 240  | 191  | 211  | 211   |
| 21   | 200  | (122) | 187  | 179   | 185 | 232   | 197  | (121) | 195  | 201  | 206   | 210  | 200  | (138) | 204  | 212  | 200   | (285) | 225   | 252   | 200  | 189  | 211  | 221   |
| 22   | 183  | 152   | 147  | 169   | 169 | 164   | 155  | 164   | 144  | 186  | 184   | 202  | 150  | 166   | 225  | 198  | 206   | (284) | 198   | (160) | 212  | 173  | 204  | 215   |
| 23   | 197  | (039) | 167  | 173   | 164 | 176   | 164  | 173   | 181  | 215  | 198   | 208  | 176  | 148   | 178  | 208  | 220   | 246   | 190   | 207   | 200  | 186  | 198  | 218   |
| 24   | 202  | 160   | 171  | 191   | 177 | 209   | 177  | 163   | 187  | 182  | 169   | 214  | 182  | 190   | 198  | 196  | 218   | 222   | (176) | 212   | 200  | 185  | 200  | 214   |
| 25   | 204  | 133   | 167  | 187   | 169 | 219   | 188  | 159   | 217  | 204  | 209   | 211  | 191  | 172   | 193  | 204  | 200   | 237   | (177) | 193   | 198  | 197  | 210  | 215</ |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1895 | Jan. | Feb.  | Marz | Apr.  | May | June | July | Aug.  | Sep.  | Oct. | Nov.  | Dec. | Jan. | Feb. | Marz  | Apr. | May   | June  | July  | Aug.  | Sep. | Oct.  | Nov. | Dec. |
|------|------|-------|------|-------|-----|------|------|-------|-------|------|-------|------|------|------|-------|------|-------|-------|-------|-------|------|-------|------|------|
| 1    | 224  | 223   | 229  | 219   | 214 | 215  | 198  | 214   | 213   | 175  | 221   | 235  | 219  | 219  | 248   | 245  | 202   | 264   | 298   | 244   | 254  | 215   | 233  | 236  |
| 2    | 190  | 211   | 208  | 224   | 192 | 189  | 215  | 221   | 221   | 191  | 211   | 228  | 193  | 219  | 211   | 218  | 211   | 233   | 261   | 240   | 249  | 232   | 180  | 229  |
| 3    | 208  | 206   | 222  | 217   | 201 | 222  | 239  | 235   | 211   | 214  | 216   | 236  | 200  | 209  | 224   | 222  | 238   | 232   | 269   | 235   | 253  | 232   | 216  | 227  |
| 4    | 209  | 222   | 219  | 211   | 221 | 195  | 226  | 207   | 168   | 227  | 235   | 237  | 188  | 208  | 211   | 247  | 235   | 256   | 288   | 234   | 235  | (293) | 231  | 223  |
| 5    | 221  | 223   | 228  | 218   | 221 | 182  | 262  | 238   | 180   | 225  | 227   | 239  | 214  | 208  | 226   | 263  | 235   | 263   | 297   | 264   | 234  | 232   | 226  | 233  |
| 6    | 210  | 209   | 205  | 189   | 189 | 221  | 195  | 208   | 210   | 205  | 249   | 260  | 207  | 205  | 215   | 217  | 227   | 263   | (347) | 225   | 230  | 233   | 234  | 247  |
| 7    | 214  | 220   | 218  | 201   | 198 | 195  | 222  | 174   | 216   | 216  | 253   | 286  | 206  | 185  | 216   | 226  | 242   | 254   | 277   | 223   | 233  | 230   | 247  | 254  |
| 8    | 200  | 188   | 239  | 200   | 191 | 224  | 251  | 210   | 211   | 216  | 230   | 228  | 210  | 203  | 215   | 219  | 230   | 262   | 267   | 234   | 234  | 229   | 258  | 225  |
| 9    | 223  | 227   | 166  | 197   | 196 | 220  | 242  | 213   | 219   | 219  | 262   | 235  | 204  | 216  | 208   | 229  | 221   | 271   | 273   | 237   | 233  | 245   | 248  | 232  |
| 10   | 173  | 192   | 209  | 195   | 215 | 210  | 243  | (123) | 219   | 225  | 218   | 232  | 198  | 211  | 200   | 233  | (300) | 245   | 272   | 216   | 259  | 212   | 207  | 231  |
| 11   | 204  | 207   | 198  | (142) | 195 | 222  | 244  | (160) | 216   | 234  | 230   | 226  | 180  | 216  | 197   | 200  | 232   | 252   | 269   | 202   | 233  | 237   | 246  | 236  |
| 12   | 215  | 210   | 212  | 223   | 220 | 211  | 244  | 211   | 223   | 247  | 236   | 231  | 215  | 208  | 204   | 272  | 240   | 251   | 310   | 242   | 224  | 272   | 210  | 234  |
| 13   | 198  | 216   | 242  | 185   | 209 | 220  | 171  | 225   | 231   | 230  | 241   | 242  | 215  | 203  | (166) | 212  | 222   | 243   | 258   | 225   | 237  | 232   | 205  | 228  |
| 14   | 215  | 213   | 184  | 183   | 218 | 219  | 229  | 231   | 234   | 205  | 229   | 233  | 207  | 211  | 243   | 204  | 224   | 249   | 261   | 236   | 272  | 243   | 229  | 224  |
| 15   | 221  | 179   | 189  | 194   | 216 | 251  | 242  | 216   | 195   | 205  | 241   | 225  | 216  | 215  | 193   | 221  | 229   | 267   | 252   | 241   | 233  | 259   | 240  | 232  |
| 16   | 239  | (147) | 213  | 195   | 226 | 249  | 238  | 231   | 233   | 232  | 218   | 223  | 209  | 204  | 208   | 244  | 230   | 278   | 259   | 229   | 240  | 249   | 239  | 230  |
| 17   | 205  | 165   | 205  | 165   | 215 | 250  | 247  | 224   | 235   | 201  | 245   | 216  | 170  | 183  | 224   | 219  | 238   | (320) | 284   | 243   | 217  | 229   | 241  | 232  |
| 18   | 201  | 215   | 210  | 201   | 203 | 204  | 254  | 215   | 238   | 213  | 250   | 238  | 211  | 219  | 226   | 216  | 246   | 245   | 275   | 215   | 233  | 243   | 238  | 246  |
| 19   | 197  | 206   | 202  | 188   | 212 | 232  | 246  | 225   | 230   | 227  | 254   | 231  | 215  | 210  | 220   | 242  | 254   | 267   | 280   | 221   | 218  | 221   | 236  | 230  |
| 20   | 191  | 218   | 204  | 188   | 218 | 227  | 249  | 227   | 192   | 229  | 254   | 253  | 205  | 170  | 233   | 209  | 233   | 269   | 289   | 250   | 227  | 234   | 258  | 233  |
| 21   | 204  | 207   | 208  | 183   | 228 | 235  | 243  | 238   | 220   | 243  | 243   | 270  | 220  | 218  | 211   | 217  | 216   | 273   | 264   | 239   | 249  | 238   | 258  | 227  |
| 22   | 201  | 212   | 224  | 212   | 213 | 237  | 242  | 228   | 185   | 235  | 233   | 230  | 221  | 206  | 222   | 232  | (027) | 260   | 277   | (050) | 239  | 239   | 243  | 223  |
| 23   | 209  | 209   | 200  | 200   | 204 | 242  | 248  | 226   | 246   | 235  | 233   | 211  | 225  | 213  | 220   | 245  | 252   | 305   | 267   | 247   | 235  | 238   | 237  | 221  |
| 24   | 211  | 237   | 215  | 180   | 205 | 224  | 223  | 237   | 229   | 259  | (160) | 197  | 200  | 218  | 228   | 219  | 255   | 296   | (169) | 241   | 242  | 229   | 204  | 226  |
| 25   | 224  | 189   | 217  | 206   | 208 | 233  | 222  | 241   | 217   | 242  | (335) | 239  | 222  | 201  | 221   | 224  | 253   | 262   | (192) | 278   | 242  | 241   | 220  | 256  |
| 26   | 243  | 211   | 212  | 210   | 209 | 239  | 205  | 248   | 211   | 241  | 211   | 211  | 215  | 207  | 249   | 224  | 254   | 267   | (208) | 259   | 219  | 219   | 216  | 245  |
| 27   | 223  | 221   | 208  | 203   | 210 | 273  | 239  | 250   | 168   | 220  | 230   | 241  | 219  | 230  | 225   | 210  | 255   | 289   | 314   | 256   | 220  | 236   | 211  | 243  |
| 28   | 213  | 201   | 219  | 212   | 202 | 232  | 269  | 241   | 236   | 217  | 231   | 234  | 217  | 220  | 201   | 230  | 255   | 264   | 241   | 255   | 232  | 226   | 200  | 241  |
| 29   | 220  |       | 205  | 214   | 238 | 246  | 235  | 240   | 238   | 178  | 242   | 238  | 189  |      | 203   | 224  | 204   | 276   | 285   | 218   | 241  | 226   | 220  | 242  |
| 30   | 212  |       | 205  | 213   | 217 | 203  | 224  | 212   | (159) | 222  | 239   | 255  | 220  |      | 252   | 236  | 254   | 273   | (187) | 239   | 218  | 212   | 228  | 242  |
| 31   | 224  |       | 185  |       | 187 |      | 218  | 220   |       | 227  |       | 261  | 218  |      | 208   |      | 246   |       |       | 232   | 242  | 225   |      | 243  |
| Mean | 211  | 209   | 210  | 201   | 209 | 224  | 233  | 224   | 215   | 221  | 235   | 236  | 208  | 208  | 219   | 224  | 236   | 263   | 274   | 238   | 236  | 234   | 229  | 235  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1896 | Jan. | Feb. | Marz | Apr.  | May   | June | July | Aug.  | Sep.  | Oct. | Nov. | Dec. | Jan. | Feb. | Marz  | Apr.  | May | June  | July | Aug.  | Sep.  | Oct.  | Nov.  | Dec. |
|------|------|------|------|-------|-------|------|------|-------|-------|------|------|------|------|------|-------|-------|-----|-------|------|-------|-------|-------|-------|------|
| 1    | 251  | 239  | 234  | 240   | 245   | 263  | 281  | 264   | 269   | 281  | 291  | 294  | 248  | 233  | 253   | 255   | 277 | 273   | 270  | (331) | 292   | 282   | 300   | 297  |
| 2    | 270  | 199  | 240  | 228   | 256   | 248  | 272  | 233   | 267   | 283  | 295  | 285  | 239  | 249  | 270   | 242   | 263 | 265   | 286  | 275   | 283   | 278   | 311   | 303  |
| 3    | 249  | 250  | 236  | 248   | (128) | 265  | 270  | 262   | 241   | 274  | 306  | 305  | 240  | 248  | 271   | 237   | 248 | 280   | 282  | 306   | 307   | 273   | 305   | 303  |
| 4    | 255  | 218  | 260  | 245   | 208   | 269  | 270  | 274   | 264   | 280  | 306  | 271  | 228  | 235  | 250   | 248   | 230 | 264   | 280  | 300   | 295   | 282   | 306   | 282  |
| 5    | 226  | 244  | 229  | 231   | 240   | 267  | 247  | 262   | 254   | 257  | 298  | 241  | 212  | 244  | 253   | 236   | 241 | 271   | 320  | 286   | 304   | 275   | 304   | 282  |
| 6    | 229  | 250  | 247  | 227   | 232   | 273  | 260  | 269   | 231   | 285  | 302  | 286  | 245  | 241  | 249   | 241   | 265 | 279   | 306  | 322   | 300   | 283   | (240) | 276  |
| 7    | 247  | 253  | 203  | 234   | 252   | 260  | 255  | 229   | 245   | 280  | 287  | 281  | 245  | 253  | 272   | 248   | 255 | 288   | 314  | 290   | 295   | 293   | 300   | 274  |
| 8    | 236  | 265  | 245  | 215   | 259   | 278  | 278  | 258   | 246   | 285  | 255  | 291  | 245  | 253  | 243   | 256   | 274 | 300   | 309  | 325   | 293   | 275   | 264   | 286  |
| 9    | 230  | 267  | 253  | 220   | 261   | 274  | 297  | 245   | 241   | 233  | 253  | 297  | 228  | 258  | 253   | 239   | 271 | (333) | 297  | 300   | 280   | 275   | 292   | 289  |
| 10   | 229  | 249  | 265  | 255   | 268   | 255  | 279  | 250   | 251   | 272  | 267  | 287  | 227  | 255  | 241   | 258   | 291 | 274   | 321  | 305   | 274   | 276   | 265   | 290  |
| 11   | 236  | 241  | 241  | 245   | 275   | 263  | 283  | 246   | 251   | 285  | 290  | 294  | 244  | 248  | 268   | 258   | 280 | 287   | 325  | 294   | 269   | 242   | 270   | 293  |
| 12   | 241  | 268  | 245  | 241   | 274   | 259  | 225  | 258   | 256   | 215  | 289  | 293  | 256  | 244  | 260   | 267   | 302 | 289   | 314  | 278   | 282   | (374) | 284   | 288  |
| 13   | 247  | 255  | 245  | 249   | 245   | 276  | 238  | 261   | 259   | 270  | 283  | 304  | 246  | 256  | 246   | 258   | 292 | 254   | 297  | 282   | 257   | 268   | 289   | 271  |
| 14   | 212  | 264  | 226  | 262   | 253   | 267  | 263  | 262   | 251   | 280  | 294  | 273  | 239  | 250  | 261   | 273   | 292 | 303   | 318  | 278   | 265   | 276   | 277   | 268  |
| 15   | 241  | 248  | 231  | 218   | 262   | 245  | 246  | 258   | 259   | 275  | 285  | 283  | 241  | 236  | 248   | 281   | 290 | 273   | 282  | 276   | 278   | 290   | 274   | 296  |
| 16   | 252  | 258  | 243  | 264   | 263   | 292  | 248  | 271   | 268   | 267  | 293  | 285  | 241  | 239  | 260   | 268   | 277 | (351) | 273  | 288   | 260   | 257   | 290   | 276  |
| 17   | 226  | 264  | 234  | 269   | 256   | 226  | 277  | 279   | 251   | 268  | 292  | 299  | 229  | 231  | 258   | 257   | 285 | 284   | 300  | 286   | 262   | 279   | 303   | 294  |
| 18   | 236  | 261  | 253  | 235   | 200   | 256  | 273  | 269   | (076) | 272  | 300  | 295  | 243  | 251  | 261   | 240   | 279 | 271   | 286  | 280   | 298   | 270   | 287   | 297  |
| 19   | 248  | 256  | 249  | 246   | 210   | 264  | 265  | 256   | (193) | 260  | 287  | 295  | 269  | 251  | 254   | 259   | 267 | 274   | 297  | 288   | (215) | 274   | 289   | 298  |
| 20   | 236  | 255  | 258  | 253   | 238   | 281  | 283  | 263   | (193) | 279  | 294  | 296  | 235  | 256  | 252   | 263   | 243 | 273   | 287  | 292   | 271   | 283   | 303   | 302  |
| 21   | 248  | 257  | 245  | 249   | 234   | 289  | 290  | (182) | 217   | 283  | 294  | 293  | 239  | 238  | 252   | (197) | 256 | 263   | 305  | 295   | 255   | 292   | 300   | 300  |
| 22   | 236  | 257  | 260  | 236   | 245   | 248  | 292  | 226   | 224   | 282  | 293  | 300  | 233  | 249  | 252   | 273   | 250 | 285   | 306  | 297   | 230   | 280   | 294   | 309  |
| 23   | 242  | 263  | 250  | 223   | 208   | 255  | 268  | 238   | 240   | 288  | 296  | 296  | 252  | 256  | 251   | 282   | 245 | 284   | 313  | 284   | 231   | 287   | 287   | 277  |
| 24   | 246  | 250  | 248  | (152) | 240   | 249  | 288  | 248   | 251   | 287  | 297  | 291  | 253  | 254  | 258   | 254   | 288 | 282   | 297  | 278   | 254   | 279   | 300   | 296  |
| 25   | 261  | 261  | 252  | 188   | 246   | 262  | 265  | 249   | 267   | 274  | 307  | 296  | 243  | 256  | 250   | 272   | 279 | 286   | 317  | 275   | 251   | 287   | 305   | 304  |
| 26   | 255  | 259  | 236  | 239   | 275   | 276  | 261  | 257   | 243   | 284  | 303  | 294  | 239  | 264  | 270</ |       |     |       |      |       |       |       |       |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1897 | Jan. | Feb. | Marz | Apr. | May | June | July  | Aug. | Sep. | Oct. | Nov. | Dec.  | Jan. | Feb. | Marz | Apr.  | May   | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|-------|------|------|------|------|-------|------|------|------|-------|-------|------|------|------|------|------|------|------|
| 1    | 301  | 306  | 293  | 282  | 288 | 293  | 318   | 288  | 315  | 285  | 298  | 291   | 322  | 281  | 311  | 310   | 315   | 319  | 326  | 321  | 335  | 301  | 298  | 277  |
| 2    | 260  | 301  | 290  | 283  | 318 | 317  | 319   | 288  | 310  | 260  | 287  | 284   | 263  | 297  | 312  | 307   | 329   | 327  | 328  | 315  | 340  | 278  | 313  | 283  |
| 3    | 273  | 300  | 303  | 285  | 280 | 298  | 316   | 322  | 307  | 271  | 290  | 295   | 252  | 291  | 308  | 297   | 318   | 326  | 314  | 308  | 343  | 309  | 288  | 282  |
| 4    | 280  | 288  | 292  | 298  | 298 | 298  | 316   | 307  | 304  | 271  | 298  | 294   | 271  | 282  | 287  | 282   | 305   | 335  | 328  | 319  | 351  | 291  | 307  | 286  |
| 5    | 290  | 295  | 278  | 282  | 301 | 305  | 311   | 305  | 296  | 274  | 294  | 289   | 276  | 297  | 300  | 297   | 279   | 330  | 318  | 322  | 343  | 289  | 297  | 288  |
| 6    | 288  | 300  | 289  | 292  | 297 | 284  | 310   | 309  | 298  | 275  | 288  | 292   | 293  | 308  | 300  | 301   | 294   | 329  | 304  | 326  | 326  | 279  | 286  | 282  |
| 7    | 297  | 297  | 293  | 292  | 299 | 303  | 302   | 272  | 307  | 262  | 303  | 292   | 291  | 300  | 291  | 291   | 317   | 295  | 311  | 341  | 334  | 276  | 286  | 288  |
| 8    | 299  | 289  | 277  | 282  | 299 | 300  | 310   | 302  | 302  | 279  | 296  | 281   | 298  | 307  | 293  | 300   | 324   | 323  | 319  | 327  | 340  | 290  | 302  | 288  |
| 9    | 290  | 281  | 286  | 296  | 305 | 307  | 302   | 328  | 300  | 270  | 290  | 279   | 298  | 288  | 281  | 286   | 320   | 324  | 313  | 329  | 315  | 284  | 296  | 272  |
| 10   | 295  | 292  | 294  | 255  | 293 | 301  | 305   | 310  | 291  | 270  | 301  | 279   | 309  | 295  | 307  | 269   | 321   | 336  | 329  | 328  | 343  | 269  | 300  | 291  |
| 11   | 296  | 284  | 307  | 310  | 305 | 312  | 312   | 308  | 300  | 260  | 300  | 284   | 304  | 295  | 302  | 292   | 311   | 321  | 318  | 338  | 346  | 270  | 302  | 289  |
| 12   | 292  | 303  | 292  | 302  | 313 | 277  | 310   | 295  | 298  | 264  | 297  | (229) | 302  | 284  | 309  | 292   | 309   | 330  | 322  | 317  | 329  | 273  | 308  | 260  |
| 13   | 297  | 295  | 284  | 305  | 305 | 303  | 313   | 298  | 291  | 259  | 303  | 281   | 290  | 288  | 303  | 288   | 315   | 347  | 318  | 325  | 327  | 257  | 308  | 274  |
| 14   | 285  | 292  | 302  | 288  | 302 | 321  | 308   | 292  | 287  | 268  | 286  | 279   | 295  | 293  | 314  | 276   | 289   | 340  | 333  | 323  | 302  | 291  | 300  | 285  |
| 15   | 270  | 293  | 293  | 299  | 276 | 312  | 305   | 305  | 276  | 288  | 300  | 266   | 285  | 303  | 305  | 300   | 322   | 318  | 307  | 321  | 294  | 278  | 296  | 283  |
| 16   | 290  | 294  | 293  | 311  | 281 | 316  | 295   | 300  | 264  | 273  | 308  | 268   | 285  | 295  | 300  | 322   | 325   | 347  | 338  | 324  | 288  | 282  | 295  | 287  |
| 17   | 276  | 306  | 302  | 291  | 296 | 251  | 295   | 318  | 268  | 274  | 287  | 285   | 288  | 297  | 296  | 307   | 342   | 295  | 342  | 326  | 303  | 277  | 314  | 300  |
| 18   | 300  | 300  | 296  | 300  | 279 | 281  | 316   | 308  | 294  | 257  | 287  | 286   | 297  | 308  | 294  | 309   | 314   | 326  | 338  | 315  | 298  | 256  | 298  | 281  |
| 19   | 309  | 303  | 301  | 293  | 289 | 287  | 315   | 311  | 295  | 266  | 293  | 289   | 294  | 298  | 321  | 318   | 298   | 290  | 332  | 324  | 279  | 290  | 297  | 300  |
| 20   | 299  | 314  | 312  | 278  | 277 | 291  | 310   | 306  | 312  | 285  | 300  | 322   | 301  | 309  | 317  | (354) | 315   | 323  | 327  | 332  | 281  | 294  | 300  | 281  |
| 21   | 304  | 292  | 303  | 288  | 247 | 306  | 315   | 319  | 297  | 293  | 292  | 281   | 301  | 294  | 306  | 298   | (417) | 312  | 318  | 318  | 280  | 311  | 290  | 270  |
| 22   | 300  | 305  | 294  | 291  | 310 | 288  | (258) | 306  | 285  | 301  | 292  | 282   | 307  | 298  | 304  | 297   | 293   | 304  | 318  | 329  | 300  | 308  | 290  | 261  |
| 23   | 308  | 307  | 293  | 293  | 268 | 298  | 310   | 306  | 281  | 296  | 288  | 300   | 300  | 300  | 302  | 325   | 312   | 315  | 321  | 338  | 281  | 303  | 290  | 300  |
| 24   | 309  | 303  | 310  | 279  | 270 | 308  | 312   | 316  | 280  | 296  | 311  | 293   | 300  | 302  | 298  | 291   | 303   | 305  | 319  | 329  | 280  | 298  | 302  | 295  |
| 25   | 314  | 303  | 289  | 291  | 278 | 312  | 311   | 315  | 306  | 304  | 289  | 295   | 300  | 317  | 290  | 293   | 323   | 314  | 331  | 345  | 285  | 295  | 287  | 301  |
| 26   | 303  | 300  | 313  | 280  | 291 | 320  | 302   | 307  | 289  | 290  | 293  | 293   | 296  | 321  | 305  | 323   | 290   | 335  | 324  | 330  | 307  | 298  | 300  | 301  |
| 27   | 308  | 291  | 302  | 291  | 296 | 310  | 318   | 311  | 284  | 287  | 297  | 292   | 310  | 303  | 315  | 311   | 329   | 320  | 329  | 333  | 300  | 290  | 302  | 300  |
| 28   | 291  | 253  | 307  | 283  | 279 | 315  | 325   | 310  | 282  | 284  | 292  | 305   | 301  | 308  | 310  | 328   | 290   | 330  | 311  | 322  | 292  | 292  | 295  | 310  |
| 29   | 301  |      | 291  | 291  | 304 | 308  | 303   | 306  | 279  | 277  | 297  | 313   | 278  |      | 324  | 328   | 304   | 318  | 325  | 344  | 300  | 275  | 300  | 284  |
| 30   | 307  |      | 281  | 300  | 301 | 319  | 318   | 324  | 286  | 290  | 296  | 281   | 306  |      | 295  | 330   | 297   | 311  | 364  | 336  | 288  | 301  | 297  | 281  |
| 31   | 294  |      | 287  |      | 293 |      | (250) | 310  |      | 297  |      | 288   | 306  |      | 306  |       | 305   |      | 297  |      | 298  |      | 253  |      |
| Mean | 294  | 296  | 295  | 290  | 292 | 301  | 310   | 307  | 293  | 279  | 295  | 288   | 294  | 298  | 304  | 302   | 310   | 322  | 323  | 326  | 311  | 287  | 298  | 285  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1898 | Jan. | Feb.  | Marz  | Apr. | May | June  | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May   | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|-------|-------|------|-----|-------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| 1    | 298  | 300   | 302   | 286  | 309 | 277   | 306  | 336  | 325  | 300  | 308  | 313  | 296  | 304  | 281  | 285  | 283   | 312  | 337  | 347  | 341  | 321  | 320  | 326  |
| 2    | 300  | 291   | 256   | 285  | 270 | 298   | 307  | 328  | 319  | 317  | 313  | 327  | 300  | 300  | 284  | 293  | 305   | 316  | 339  | 346  | 348  | 316  | 321  | 329  |
| 3    | 295  | 304   | 289   | 281  | 312 | 279   | 320  | 313  | 287  | 306  | 311  | 318  | 271  | 301  | 284  | 288  | 301   | 313  | 327  | 359  | 353  | 334  | 320  | 326  |
| 4    | 306  | 309   | 283   | 277  | 257 | 287   | 328  | 304  | 287  | 326  | 311  | 317  | 310  | 300  | 288  | 294  | (253) | 319  | 333  | 347  | 312  | 349  | 322  | 317  |
| 5    | 313  | 301   | 300   | 278  | 272 | 279   | 323  | 305  | 316  | 322  | 317  | 340  | 300  | 304  | 291  | 304  | 304   | 317  | 341  | 351  | 330  | 346  | 330  | 324  |
| 6    | 306  | 300   | 293   | 281  | 282 | 295   | 320  | 294  | 307  | 335  | 315  | 326  | 306  | 296  | 276  | 281  | 307   | 314  | 352  | 352  | 329  | 355  | 328  | 294  |
| 7    | 305  | 306   | 279   | 248  | 275 | 304   | 310  | 316  | 323  | 341  | 315  | 322  | 304  | 291  | 293  | 304  | 310   | 336  | 357  | 336  | 339  | 321  | 327  | 325  |
| 8    | 308  | 306   | 288   | 269  | 283 | 283   | 317  | 308  | 334  | 301  | 302  | 325  | 316  | 295  | 289  | 288  | 301   | 337  | 324  | 337  | 347  | 313  | 329  | 325  |
| 9    | 305  | 290   | 287   | 275  | 284 | 308   | 321  | 312  | 343  | 302  | 320  | 337  | 301  | 293  | 293  | 305  | 320   | 309  | 349  | 338  | 308  | 305  | 328  | 323  |
| 10   | 315  | 297   | 277   | 274  | 296 | 302   | 315  | 326  | 312  | 303  | 313  | 330  | 305  | 337  | 281  | 277  | 324   | 294  | 349  | 322  | 341  | 315  | 322  | 323  |
| 11   | 268  | 334   | 261   | 279  | 308 | 312   | 317  | 322  | 310  | 313  | 315  | 327  | 291  | 295  | 335  | 281  | 317   | 308  | 331  | 345  | 333  | 314  | 319  | 331  |
| 12   | 293  | 263   | 279   | 258  | 302 | 311   | 293  | 331  | 323  | 327  | 327  | 330  | 298  | 277  | 292  | 310  | 277   | 312  | 341  | 349  | 347  | 330  | 328  | 336  |
| 13   | 298  | 266   | 291   | 262  | 294 | 303   | 317  | 316  | 338  | 325  | 319  | 329  | 295  | 297  | 311  | 274  | 314   | 305  | 330  | 333  | 350  | 328  | 333  | 339  |
| 14   | 304  | 266   | 285   | 294  | 293 | 312   | 327  | 327  | 310  | 302  | 321  | 314  | 305  | 264  | 283  | 260  | 333   | 321  | 332  | 329  | 355  | 315  | 324  | 287  |
| 15   | 300  | (237) | (226) | 290  | 237 | 321   | 333  | 332  | 302  | 318  | 332  | 323  | 305  | 287  | 303  | 281  | 296   | 312  | 334  | 342  | 337  | 326  | 322  | 331  |
| 16   | 281  | 261   | (225) | 271  | 287 | 292   | 315  | 348  | 303  | 315  | 315  | 301  | 300  | 295  | 327  | 282  | 312   | 311  | 343  | 359  | 340  | 320  | 326  | 311  |
| 17   | 291  | 292   | 261   | 275  | 303 | 300   | 313  | 294  | 317  | 316  | 319  | 313  | 268  | 266  | 264  | 289  | 300   | 316  | 347  | 335  | 333  | 320  | 320  | 288  |
| 18   | 298  | 286   | 273   | 282  | 300 | 293   | 318  | 310  | 310  | 312  | 317  | 320  | 294  | 297  | 288  | 297  | 318   | 323  | 342  | 336  | 339  | 318  | 311  | 325  |
| 19   | 295  | 293   | 275   | 282  | 297 | 306   | 313  | 318  | 301  | 310  | 305  | 314  | 288  | 303  | 288  | 291  | 307   | 332  | 342  | 333  | 337  | 313  | 320  | 304  |
| 20   | 290  | 286   | 273   | 272  | 284 | 311   | 318  | 279  | 305  | 306  | 334  | 298  | 298  | 296  | 260  | 292  | 322   | 323  | 338  | 342  | 353  | 288  | 273  | 317  |
| 21   | 300  | 272   | 272   | 289  | 272 | 297   | 296  | 316  | 308  | 304  | 294  | 327  | 292  | 263  | 285  | 306  | 314   | 328  | 342  | 328  | 344  | 309  | 294  | 335  |
| 22   | 293  | 284   | 276   | 286  | 277 | 291   | 313  | 313  | 313  | 289  | 316  | 303  | 301  | 294  | 277  | 300  | 328   | 341  | 321  | 340  | 349  | 301  | 293  | 322  |
| 23   | 298  | 295   | 272   | 273  | 272 | (357) | 301  | 318  | 310  | 289  | 306  | 323  | 305  | 296  | 289  | 316  | 301   | 334  | 331  | 339  | 326  | 300  | 309  | 329  |
| 24   | 305  | 296   | 284   | 295  | 301 | 308   | 295  | 320  | 329  | 300  | 317  | 344  | 306  | 301  | 274  | 304  | 317   | 329  | 334  | 340  | 347  | 315  | 320  | 331  |
| 25   | 310  | 297   | 287   | 284  | 288 | 307   | 322  | 322  | 305  | 313  | 316  | 341  | 286  | 293  | 279  | 292  | 325   | 342  | 350  | 346  | 333  | 267  | 317  | 329  |
| 26   | 300  | 293   | 285</ |      |     |       |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1899 | Jan. | Feb. | Marz | Apr. | May   | June | July  | Aug.  | Sep. | Oct. | Nov. | Dec. | Jan. | Feb.  | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov.  | Dec. |
|------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|-------|------|------|-----|------|------|------|------|------|-------|------|
| 1    | 338  | 341  | 298  | 309  | 319   | 321  | 301   | 346   | 331  | 300  | 324  | 348  | 333  | 332   | 330  | 330  | 345 | 326  | 379  | 349  | 362  | 325  | 340   | 350  |
| 2    | 337  | 336  | 331  | 328  | 297   | 313  | 276   | 351   | 334  | 320  | 330  | 343  | 339  | (388) | 346  | 319  | 332 | 342  | 345  | 354  | 355  | 332  | (397) | 322  |
| 3    | 348  | 337  | 338  | 289  | 336   | 314  | 328   | 300   | 305  | 323  | 335  | 338  | 351  | 338   | 326  | 318  | 325 | 339  | 391  | 363  | 357  | 325  | 343   | 329  |
| 4    | 344  | 343  | 338  | 317  | 278   | 308  | (266) | 328   | 334  | 330  | 329  | 345  | 336  | 347   | 348  | 318  | 320 | 346  | 348  | 379  | 361  | 333  | 320   | 344  |
| 5    | 328  | 337  | 334  | 317  | (251) | 309  | 305   | 355   | 322  | 337  | 333  | 341  | 337  | 354   | 341  | 326  | 300 | 337  | 345  | 356  | 357  | 345  | 325   | 336  |
| 6    | 336  | 350  | 351  | 323  | 304   | 321  | 336   | 331   | 322  | 300  | 330  | 347  | 334  | 348   | 354  | 333  | 321 | 338  | 346  | 347  | 343  | 334  | 339   | 342  |
| 7    | 336  | 354  | 340  | 318  | 284   | 328  | 328   | 323   | 317  | 323  | 341  | 339  | 339  | 346   | 334  | 321  | 306 | 351  | 386  | 355  | 352  | 336  | 342   | 335  |
| 8    | 335  | 341  | 340  | 324  | 289   | 325  | 337   | 331   | 324  | 327  | 346  | 340  | 345  | 345   | 344  | 335  | 343 | 329  | 382  | 354  | 333  | 337  | 337   | 315  |
| 9    | 341  | 346  | 328  | 315  | 301   | 325  | 327   | 338   | 342  | 324  | 344  | 341  | 349  | 332   | 344  | 327  | 342 | 326  | 362  | 356  | 337  | 329  | 343   | 349  |
| 10   | 345  | 342  | 306  | 313  | 315   | 336  | 339   | 321   | 308  | 317  | 346  | 343  | 341  | 340   | 346  | 329  | 332 | 331  | 395  | 360  | 343  | 332  | 350   | 332  |
| 11   | 339  | 342  | 326  | 324  | 300   | 340  | 336   | 323   | 325  | 331  | 348  | 342  | 337  | 346   | 341  | 320  | 361 | 334  | 382  | 363  | 330  | 334  | 362   | 345  |
| 12   | 344  | 362  | 325  | 305  | 301   | 327  | 339   | 342   | 315  | 333  | 340  | 346  | 319  | (391) | 332  | 319  | 317 | 331  | 356  | 359  | 314  | 333  | 345   | 334  |
| 13   | 332  | 314  | 322  | 326  | 305   | 335  | 347   | 339   | 335  | 341  | 351  | 343  | 334  | 330   | 324  | 333  | 329 | 330  | 366  | 347  | 331  | 333  | 334   | 339  |
| 14   | 340  | 325  | 327  | 326  | 307   | 326  | 341   | 340   | 322  | 334  | 354  | 336  | 353  | 316   | 327  | 326  | 340 | 336  | 351  | 350  | 339  | 338  | 341   | 340  |
| 15   | 344  | 334  | 330  | 324  | 309   | 328  | 346   | 339   | 337  | 350  | 346  | 336  | 330  | 321   | 337  | 332  | 324 | 347  | 350  | 361  | 319  | 331  | 335   | 340  |
| 16   | 328  | 324  | 343  | 320  | 308   | 322  | 347   | 335   | 333  | 319  | 339  | 346  | 325  | 307   | 337  | 310  | 318 | 359  | 368  | 349  | 343  | 335  | 347   | 356  |
| 17   | 346  | 326  | 339  | 328  | 286   | 340  | 345   | 345   | 325  | 327  | 347  | 342  | 327  | 333   | 332  | 320  | 309 | 349  | 365  | 353  | 342  | 328  | 346   | 337  |
| 18   | 317  | 336  | 320  | 313  | 321   | 326  | 343   | 329   | 331  | 324  | 346  | 330  | 330  | 336   | 333  | 316  | 334 | 359  | 362  | 358  | 319  | 319  | 359   | 359  |
| 19   | 347  | 338  | 339  | 298  | 312   | 312  | 347   | 332   | 322  | 332  | 344  | 326  | 341  | 336   | 344  | 317  | 342 | 348  | 360  | 353  | 312  | 337  | 367   | 327  |
| 20   | 334  | 340  | 338  | 280  | 308   | 330  | 343   | 347   | 313  | 340  | 344  | 330  | 321  | 327   | 345  | 322  | 331 | 355  | 365  | 349  | 317  | 339  | 343   | 334  |
| 21   | 332  | 328  | 345  | 318  | 323   | 336  | 334   | 326   | 318  | 346  | 349  | 321  | 333  | 342   | 346  | 332  | 325 | 364  | 377  | 384  | 324  | 344  | 346   | 342  |
| 22   | 333  | 328  | 280  | 311  | 315   | 329  | 344   | 308   | 326  | 352  | 342  | 332  | 334  | 331   | 320  | 325  | 337 | 355  | 367  | 362  | 330  | 334  | 317   | 336  |
| 23   | 347  | 344  | 296  | 319  | 325   | 330  | 346   | 328   | 330  | 319  | 334  | 336  | 324  | 316   | 323  | 322  | 336 | 367  | 353  | 356  | 338  | 332  | 329   | 334  |
| 24   | 332  | 322  | 292  | 336  | 317   | 329  | 354   | 327   | 341  | 325  | 333  | 329  | 334  | 319   | 332  | 355  | 351 | 339  | 360  | 374  | 336  | 328  | 334   | 344  |
| 25   | 336  | 339  | 310  | 320  | 308   | 320  | 329   | 321   | 340  | 334  | 337  | 347  | 337  | 297   | 336  | 340  | 351 | 333  | 369  | 343  | 331  | 329  | 333   | 353  |
| 26   | 341  | 315  | 305  | 328  | 316   | 334  | 328   | 315   | 342  | 343  | 342  | 334  | 338  | 319   | 321  | 323  | 330 | 348  | 373  | 360  | 350  | 336  | 338   | 360  |
| 27   | 334  | 340  | 313  | 319  | 307   | 327  | 341   | 325   | 305  | 327  | 341  | 317  | 332  | 336   | 325  | 327  | 346 | 365  | 366  | 351  | 309  | 322  | 342   | 338  |
| 28   | 345  | 335  | 313  | 327  | 318   | 318  | 328   | 325   | 342  | 343  | 341  | 334  | 346  | 328   | 326  | 336  | 338 | 334  | 356  | 352  | 329  | 329  | 349   | 338  |
| 29   | 336  |      | 324  | 341  | 309   | 336  | 337   | 351   | 332  | 349  | 351  | 341  | 323  |       | 334  | 363  | 338 | 354  | 356  | 365  | 350  | 335  | 351   | 334  |
| 30   | 344  |      | 331  | 327  | 324   | 327  | 346   | 328   | 322  | 338  | 365  | 338  | 334  |       | 328  | 315  | 328 | 323  | 352  | 311  | 334  | 344  | 363   | 337  |
| 31   | 339  |      | 329  |      | 315   |      | 357   | (282) |      | 334  |      | 339  | 325  |       | 329  |      | 342 |      | 358  | 369  |      | 346  |       | 352  |
| Mean | 338  | 336  | 324  | 318  | 309   | 326  | 335   | 332   | 326  | 330  | 342  | 338  | 335  | 332   | 335  | 327  | 332 | 343  | 364  | 356  | 337  | 333  | 342   | 340  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1900 | Jan. | Feb. | Marz  | Apr. | May   | June | July | Aug. | Sep. | Oct.  | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|-------|------|-------|------|------|------|------|-------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|
| 1    | 339  | 338  | 353   | 332  | 315   | 339  | 349  | 345  | 353  | 363   | 374  | 380  | 348  | 344  | 336  | 347  | 335 | 378  | 360  | 381  | 381  | 358  | 368  | 388  |
| 2    | 342  | 347  | 350   | 334  | 341   | 343  | 348  | 355  | 343  | 368   | 371  | 371  | 350  | 336  | 344  | 349  | 333 | 355  | 364  | 370  | 384  | 362  | 368  | 376  |
| 3    | 343  | 356  | 317   | 335  | 345   | 358  | 350  | 347  | 351  | 373   | 375  | 376  | 348  | 337  | 347  | 354  | 342 | 351  | 377  | 371  | 382  | 370  | 373  | 384  |
| 4    | 350  | 342  | 346   | 332  | 348   | 348  | 364  | 367  | 355  | 383   | 375  | 373  | 359  | 343  | 343  | 351  | 343 | 344  | 367  | 370  | 378  | 384  | 380  | 379  |
| 5    | 343  | 317  | 342   | 330  | (248) | 349  | 362  | 355  | 362  | 359   | 376  | 372  | 327  | 326  | 346  | 333  | 329 | 381  | 376  | 353  | 357  | 367  | 383  | 377  |
| 6    | 343  | 333  | 346   | 330  | 301   | 359  | 365  | 343  | 345  | 360   | 367  | 383  | 345  | 336  | 351  | 348  | 313 | 362  | 366  | 370  | 361  | 369  | 377  | 382  |
| 7    | 337  | 336  | 340   | 335  | 310   | 346  | 362  | 366  | 333  | 360   | 368  | 402  | 333  | 343  | 342  | 340  | 314 | 356  | 380  | 377  | 358  | 371  | 380  | 385  |
| 8    | 333  | 347  | 346   | 340  | 322   | 346  | 350  | 353  | 329  | 366   | 375  | 374  | 341  | 339  | 355  | 351  | 346 | 344  | 378  | 381  | 363  | 370  | 375  | 390  |
| 9    | 351  | 342  | 320   | 339  | 327   | 346  | 366  | 341  | 350  | 365   | 407  | 384  | 354  | 340  | 332  | 348  | 344 | 372  | 388  | 371  | 378  | 363  | 385  | 376  |
| 10   | 348  | 322  | 325   | 334  | 339   | 347  | 359  | 352  | 336  | 366   | 385  | 381  | 346  | 345  | 349  | 344  | 347 | 375  | 357  | 369  | 376  | 371  | 388  | 360  |
| 11   | 336  | 331  | 329   | 342  | 337   | 357  | 369  | 336  | 328  | 367   | 378  | 377  | 356  | 325  | 345  | 341  | 353 | 350  | 369  | 373  | 372  | 364  | 385  | 373  |
| 12   | 342  | 339  | 332   | 325  | 329   | 340  | 351  | 347  | 336  | 362   | 379  | 376  | 342  | 335  | 341  | 353  | 348 | 360  | 375  | 376  | 366  | 369  | 390  | 381  |
| 13   | 348  | 328  | (266) | 334  | 314   | 362  | 351  | 345  | 358  | 363   | 389  | 372  | 340  | 331  | 303  | 349  | 349 | 379  | 375  | 363  | 366  | 368  | 383  | 385  |
| 14   | 345  | 339  | 308   | 340  | 333   | 359  | 369  | 358  | 358  | 346   | 385  | 380  | 347  | 345  | 313  | 346  | 357 | 386  | 381  | 371  | 373  | 370  | 382  | 384  |
| 15   | 324  | 331  | 322   | 345  | 302   | 369  | 373  | 345  | 365  | 357   | 388  | 380  | 339  | 338  | 342  | 351  | 354 | 375  | 377  | 376  | 368  | 374  | 393  | 388  |
| 16   | 332  | 325  | 316   | 340  | 333   | 354  | 367  | 341  | 346  | 368   | 380  | 378  | 333  | 346  | 321  | 358  | 356 | 366  | 375  | 378  | 376  | 374  | 394  | 383  |
| 17   | 338  | 334  | 321   | 346  | 324   | 360  | 367  | 351  | 359  | 366   | 386  | 380  | 332  | 333  | 335  | 341  | 366 | 377  | 380  | 381  | 352  | 368  | 389  | 385  |
| 18   | 347  | 347  | 343   | 346  | 331   | 350  | 361  | 357  | 360  | 362   | 390  | 393  | 340  | 346  | 334  | 343  | 375 | 390  | 363  | 391  | 372  | 375  | 385  | 402  |
| 19   | 363  | 351  | 340   | 342  | 339   | 370  | 353  | 351  | 371  | 366   | 390  | 383  | 350  | 350  | 341  | 347  | 371 | 365  | 392  | 381  | 387  | 373  | 374  | 389  |
| 20   | 329  | 348  | 341   | 358  | 333   | 361  | 350  | 358  | 366  | 367   | 388  | 381  | 320  | 348  | 342  | 355  | 343 | 383  | 362  | 378  | 383  | 360  | 388  | 390  |
| 21   | 303  | 356  | 337   | 356  | 327   | 359  | 352  | 345  | 359  | 367   | 398  | 382  | 339  | 348  | 360  | 350  | 364 | 378  | 372  | 362  | 383  | 375  | 392  | 386  |
| 22   | 340  | 340  | 340   | 347  | 338   | 345  | 354  | 378  | 370  | 365   | 388  | 384  | 344  | 346  | 344  | 355  | 349 | 374  | 375  | 379  | 368  | 367  | 385  | 385  |
| 23   | 336  | 348  | 318   | 357  | 351   | 349  | 350  | 347  | 359  | 357   | 386  | 384  | 344  | 350  | 339  | 358  | 379 | 377  | 374  | 391  | 375  | 372  | 393  | 400  |
| 24   | 336  | 348  | 326   | 351  | 350   | 359  | 352  | 355  | 380  | 366   | 381  | 388  | 345  | 334  | 349  | 359  | 365 | 394  | 369  | 404  | 376  | 374  | 380  | 402  |
| 25   | 345  | 346  | 332   | 337  | 344   | 352  | 327  | 355  | 363  | (290) | 388  | 388  | 347  | 336  | 349  | 355  | 377 | 372  | 393  | 390  | 373  | 373  | 385  | 376  |
| 26   | 344  | 346  | 338   | 355  | 361   | 3    |      |      |      |       |      |      |      |      |      |      |     |      |      |      |      |      |      |      |



9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1901 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz  | Apr. | May | June | July | Aug. | Sep. | Oct.  | Nov. | Dec. |  |
|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-------|------|-----|------|------|------|------|-------|------|------|--|
| 1    | 371  | 378  | 371  | 362  | 357 | 361  | 368  | 370  | 350  | 366  | 390  | 386  | 390  | 381  | 378   | 366  | 383 | 395  | 383  | 383  | 376  | (312) | 387  | 393  |  |
| 2    | 377  | 377  | 367  | 367  | 357 | 354  | 365  | 375  | 337  | 364  | 385  | 388  | 377  | 369  | 383   | 370  | 376 | 380  | 377  | 376  | 379  | 376   | 384  | 378  |  |
| 3    | 369  | 367  | 375  | 363  | 365 | 353  | 380  | 358  | 345  | 363  | 392  | 377  | 372  | 370  | 383   | 375  | 381 | 390  | 400  | 391  | 376  | 389   | 395  | 372  |  |
| 4    | 363  | 370  | 364  | 371  | 352 | 360  | 383  | 361  | 340  | 353  | 388  | 374  | 371  | 374  | 388   | 376  | 379 | 390  | 414  | 380  | 374  | 388   | 363  | 371  |  |
| 5    | 337  | 372  | 368  | 373  | 350 | 368  | 375  | 365  | 353  | 359  | 383  | 393  | 373  | 374  | 384   | 372  | 379 | 385  | 383  | 360  | 373  | 383   | 391  | 368  |  |
| 6    | 376  | 369  | 375  | 368  | 359 | 375  | 372  | 355  | 356  | 364  | 388  | 378  | 363  | 377  | 376   | 384  | 383 | 372  | 376  | 390  | 375  | 387   | 388  | 380  |  |
| 7    | 369  | 371  | 380  | 372  | 358 | 376  | 370  | 373  | 359  | 376  | 390  | 372  | 378  | 383  | 365   | 381  | 374 | 389  | 393  | 365  | 394  | 389   | 380  | 370  |  |
| 8    | 357  | 376  | 380  | 377  | 359 | 376  | 368  | 353  | 360  | 379  | 386  | 383  | 379  | 381  | 386   | 367  | 381 | 383  | 394  | 361  | 384  | 367   | 385  | 376  |  |
| 9    | 381  | 371  | 375  | 377  | 370 | 376  | 381  | 356  | 364  | 352  | 389  | 383  | 376  | 380  | 369   | 383  | 381 | 390  | 400  | 387  | 388  | 368   | 367  | 389  |  |
| 10   | 374  | 373  | 380  | 374  | 383 | 370  | 376  | 355  | 364  | 367  | 380  | 373  | 377  | 377  | 392   | 389  | 422 | 388  | 381  | 376  | 412  | 373   | 386  | 381  |  |
| 11   | 376  | 379  | 356  | 379  | 356 | 376  | 365  | 351  | 344  | 363  | 385  | 375  | 376  | 377  | 384   | 389  | 374 | 373  | 376  | 383  | 366  | 371   | 377  | 383  |  |
| 12   | 370  | 379  | 354  | 376  | 364 | 390  | 369  | 366  | 351  | 372  | 389  | 382  | 374  | 360  | (191) | 378  | 382 | 394  | 359  | 379  | 382  | 392   | 389  | 382  |  |
| 13   | 372  | 366  | 382  | 369  | 365 | 380  | 365  | 352  | 349  | 370  | 383  | 380  | 378  | 371  | 378   | 380  | 375 | 403  | 382  | 376  | 380  | 381   | 390  | 379  |  |
| 14   | 391  | 373  | 378  | 378  | 360 | 360  | 377  | 343  | 354  | 373  | 387  | 382  | 376  | 375  | 385   | 389  | 376 | 381  | 375  | 409  | 383  | 379   | 390  | 386  |  |
| 15   | 384  | 379  | 376  | 382  | 354 | 362  | 367  | 334  | 354  | 373  | 384  | 385  | 374  | 371  | 377   | 375  | 378 | 396  | 380  | 397  | 372  | 380   | 391  | 375  |  |
| 16   | 376  | 374  | 373  | 370  | 356 | 350  | 352  | 339  | 365  | 371  | 388  | 384  | 375  | 375  | 389   | 378  | 366 | 379  | 388  | 388  | 370  | 374   | 392  | 378  |  |
| 17   | 369  | 381  | 388  | 364  | 357 | 361  | 371  | 362  | 348  | 371  | 383  | 384  | 382  | 381  | 391   | 379  | 367 | 391  | 377  | 388  | 339  | 381   | 391  | 385  |  |
| 18   | 373  | 377  | 358  | 363  | 350 | 357  | 365  | 362  | 345  | 366  | 382  | 381  | 376  | 382  | 387   | 379  | 395 | 387  | 381  | 384  | 375  | 387   | 394  | 392  |  |
| 19   | 375  | 377  | 363  | 375  | 346 | 358  | 357  | 362  | 353  | 373  | 376  | 380  | 382  | 378  | 381   | 391  | 380 | 402  | 393  | 392  | 372  | 388   | 386  | 389  |  |
| 20   | 380  | 374  | 358  | 361  | 332 | 365  | 361  | 361  | 373  | 379  | 379  | 382  | 378  | 369  | 389   | 387  | 378 | 384  | 376  | 393  | 368  | 392   | 387  | 383  |  |
| 21   | 382  | 364  | 375  | 373  | 352 | 375  | 372  | 356  | 372  | 388  | 382  | 375  | 367  | 370  | 391   | 369  | 364 | 387  | 375  | 386  | 378  | 389   | 390  | 385  |  |
| 22   | 383  | 350  | 370  | 378  | 366 | 370  | 377  | 360  | 363  | 388  | 381  | 373  | 377  | 373  | 389   | 371  | 379 | 372  | 381  | 361  | 377  | 388   | 387  | 393  |  |
| 23   | 366  | 370  | 360  | 372  | 365 | 371  | 367  | 362  | 366  | 393  | 383  | 357  | 354  | 385  | 387   | 377  | 417 | 383  | 385  | 380  | 388  | 395   | 392  | 384  |  |
| 24   | 366  | 374  | 392  | 378  | 354 | 357  | 367  | 358  | 361  | 384  | 380  | 359  | 375  | 374  | 373   | 382  | 380 | 388  | 403  | 372  | 380  | 395   | 390  | 390  |  |
| 25   | 381  | 368  | 346  | 372  | 358 | 378  | 367  | 360  | 368  | 388  | 391  | 377  | 373  | 379  | 376   | 374  | 376 | 390  | 357  | 384  | 373  | 370   | 391  | 380  |  |
| 26   | 378  | 380  | 360  | 370  | 376 | 366  | 367  | 365  | 368  | 375  | 382  | 375  | 384  | 383  | 370   | 380  | 401 | 384  | 384  | 386  | 387  | 385   | 388  | 388  |  |
| 27   | 376  | 384  | 368  | 377  | 376 | 378  | 354  | 355  | 368  | 385  | 384  | 381  | 363  | 391  | 370   | 387  | 381 | 379  | 385  | 384  | 386  | 395   | 388  | 388  |  |
| 28   | 366  | 377  | 360  | 365  | 362 | 367  | 365  | 355  | 373  | 372  | 379  | 349  | 383  | 382  | 375   | 373  | 375 | 405  | 389  | 380  | 390  | 394   | 378  | 380  |  |
| 29   | 377  |      | 375  | 366  | 370 | 394  | 361  | 358  | 379  | 378  | 374  | 349  | 382  |      | 385   | 378  | 376 | 403  | 387  | 392  | 394  | 398   | 388  | 372  |  |
| 30   | 387  |      | 352  | 355  | 357 | 365  | 380  | 354  | 376  | 389  | 376  | 347  | 372  |      | 367   | 378  | 387 | 403  | 388  | 381  | 392  | 386   | 388  | 373  |  |
| 31   | 390  |      | 357  |      | 356 |      | 375  | 348  |      | 384  |      |      | 380  |      | 376   |      | 400 |      | 400  | 391  | 398  |       | 374  |      |  |
| Mean | 374  | 373  | 369  | 371  | 359 | 368  | 370  | 358  | 359  | 374  | 384  | 376  | 375  | 376  | 381   | 379  | 380 | 388  | 382  | 384  | 379  | 385   | 386  | 381  |  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1902 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|
| 1    | 383  | 366  | 372  | 365  | 369 | 374  | 383  | 379  | 375  | 376  | 372  | 389  | 386  | 372  | 381  | 366  | 373 | 409  | 391  | 388  | 405  | 395  | 389  | 385  |
| 2    | 372  | 364  | 372  | 368  | 367 | 377  | 374  | 366  | 366  | 373  | 388  | 386  | 386  | 370  | 372  | 372  | 393 | 393  | 383  | 394  | 407  | 411  | 393  | 388  |
| 3    | 389  | 367  | 374  | 366  | 364 | 378  | 377  | 381  | 376  | 382  | 378  | 376  | 383  | 366  | 373  | 366  | 380 | 391  | 396  | 385  | 394  | 398  | 393  | 381  |
| 4    | 381  | 365  | 363  | 356  | 369 | 381  | 382  | 367  | 379  | 391  | 378  | 382  | 387  | 367  | 380  | 378  | 376 | 410  | 364  | 387  | 414  | 393  | 404  | 386  |
| 5    | 383  | 372  | 364  | 352  | 367 | 389  | 367  | 371  | 378  | 386  | 382  | 379  | 396  | 368  | 374  | 381  | 357 | 410  | 387  | 389  | 407  | 385  | 402  | 388  |
| 6    | 385  | 366  | 362  | 356  | 363 | 391  | 365  | 372  | 386  | 374  | 388  | 374  | 390  | 368  | 366  | 373  | 381 | 400  | 387  | 396  | 397  | 376  | 391  | 390  |
| 7    | 369  | 380  | 374  | 365  | 366 | 396  | 375  | 380  | 379  | 383  | 381  | 376  | 378  | 369  | 383  | 371  | 380 | 408  | 394  | 396  | 402  | 387  | 402  | 389  |
| 8    | 376  | 344  | 368  | 368  | 364 | 394  | 366  | 364  | 372  | 372  | 389  | 379  | 350  | 376  | 373  | 368  | 386 | 390  | 400  | 375  | 409  | 389  | 400  | 381  |
| 9    | 380  | 380  | 367  | 350  | 350 | 383  | 392  | 371  | 386  | 370  | 387  | 391  | 389  | 362  | 373  | 360  | 379 | 398  | 383  | 392  | 400  | 386  | 395  | 401  |
| 10   | 358  | 365  | 361  | 350  | 362 | 381  | 369  | 383  | 392  | 369  | 385  | 376  | 385  | 374  | 373  | 381  | 380 | 390  | 379  | 389  | 400  | 380  | 391  | 381  |
| 11   | 388  | 371  | 368  | 348  | 383 | 387  | 373  | 364  | 375  | 385  | 389  | 385  | 385  | 369  | 382  | 344  | 381 | 403  | 384  | 371  | 394  | 387  | 401  | 389  |
| 12   | 389  | 371  | 358  | 362  | 370 | 370  | 369  | 366  | 381  | 363  | 394  | 377  | 384  | 364  | 373  | 354  | 380 | 407  | 390  | 390  | 418  | 385  | 401  | 371  |
| 13   | 385  | 372  | 358  | 352  | 377 | 382  | 366  | 366  | 376  | 370  | 399  | 381  | 390  | 373  | 369  | 360  | 384 | 425  | 385  | 399  | 384  | 379  | 384  | 370  |
| 14   | 383  | 378  | 362  | 363  | 385 | 385  | 362  | 368  | 377  | 364  | 395  | 372  | 386  | 363  | 368  | 358  | 380 | 385  | 398  | 394  | 396  | 380  | 406  | 377  |
| 15   | 377  | 369  | 347  | 368  | 385 | 385  | 376  | 364  | 367  | 365  | 397  | 375  | 385  | 370  | 378  | 380  | 386 | 410  | 396  | 399  | 400  | 383  | 401  | 385  |
| 16   | 365  | 371  | 362  | 363  | 379 | 380  | 370  | 369  | 376  | 368  | 395  | 387  | 359  | 363  | 376  | 371  | 396 | 393  | 380  | 405  | 354  | 392  | 388  | 389  |
| 17   | 365  | 361  | 358  | 358  | 379 | 377  | 360  | 357  | 367  | 377  | 388  | 375  | 368  | 371  | 371  | 372  | 396 | 381  | 407  | 410  | 400  | 406  | 400  | 387  |
| 18   | 372  | 377  | 370  | 362  | 381 | 372  | 355  | 369  | 381  | 381  | 395  | 378  | 375  | 372  | 365  | 382  | 395 | 407  | 394  | 390  | 385  | 396  | 406  | 385  |
| 19   | 375  | 370  | 362  | 368  | 379 | 364  | 370  | 382  | 375  | 383  | 402  | 392  | 380  | 380  | 383  | 364  | 408 | 400  | 384  | 402  | 387  | 389  | 391  | 386  |
| 20   | 359  | 371  | 365  | 361  | 375 | 375  | 390  | 372  | 385  | 385  | 392  | 378  | 376  | 376  | 379  | 386  | 404 | 400  | 394  | 404  | 373  | 398  | 401  | 384  |
| 21   | 363  | 378  | 358  | 364  | 371 | 359  | 375  | 381  | 362  | 377  | 390  | 379  | 378  | 373  | 379  | 365  | 414 | 406  | 380  | 411  | 384  | 406  | 395  | 388  |
| 22   | 372  | 378  | 377  | 355  | 366 | 375  | 366  | 364  | 360  | 376  | 387  | 387  | 379  | 371  | 389  | 376  | 406 | 387  | 395  | 374  | 383  | 401  | 393  | 383  |
| 23   | 375  | 377  | 357  | 364  | 367 | 362  | 375  | 365  | 359  | 374  | 388  | 364  | 371  | 369  | 380  | 386  | 396 | 378  | 401  | 392  | 379  | 402  | 383  | 348  |
| 24   | 376  | 377  | 354  | 364  | 388 | 385  | 364  | 365  | 354  | 382  | 368  | 373  | 363  | 374  | 349  | 376  | 426 | 395  | 390  | 392  | 376  | 383  | 363  | 371  |
| 25   | 368  | 378  | 351  | 363  | 387 | 382  | 361  | 365  | 367  | 381  | 365  | 383  | 364  | 370  | 373  | 369  | 414 | 379  | 375  | 382  | 383  | 372  | 368  | 378  |
| 26   | 371  | 365  |      |      |     |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |      |      |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1903 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug.  | Sep. | Oct.  | Nov.  | Dec. | Jan.  | Feb. | Marz | Apr. | May   | June  | July  | Aug.  | Sep.  | Oct. | Nov. | Dec.  |
|------|------|------|------|------|-----|------|------|-------|------|-------|-------|------|-------|------|------|------|-------|-------|-------|-------|-------|------|------|-------|
| 1    | 381  | 376  | 388  | 366  | 377 | 385  | 364  | 385   | 377  | 387   | (307) | 395  | 390   | 379  | 382  | 383  | 376   | 403   | 430   | 400   | 415   | 397  | 401  | 401   |
| 2    | 376  | 384  | 387  | 371  | 377 | 370  | 389  | 395   | 364  | 356   | 363   | 375  | 394   | 380  | 372  | 376  | 359   | 401   | 400   | 412   | 406   | 385  | 369  | 380   |
| 3    | 381  | 387  | 378  | 370  | 379 | 367  | 395  | 381   | 364  | 372   | 367   | 376  | 382   | 385  | 376  | 372  | 381   | 414   | 446   | 422   | 411   | 406  | 365  | 391   |
| 4    | 373  | 381  | 383  | 368  | 374 | 375  | 387  | 393   | 375  | 379   | 368   | 387  | 392   | 386  | 369  | 380  | 376   | 409   | 410   | 407   | 425   | 400  | 365  | 393   |
| 5    | 371  | 383  | 375  | 372  | 360 | 356  | 393  | 368   | 375  | 362   | 374   | 387  | 378   | 393  | 370  | 373  | 364   | 402   | 429   | 408   | (355) | 394  | 371  | 368   |
| 6    | 371  | 378  | 379  | 361  | 358 | 365  | 367  | 381   | 359  | (303) | 377   | 391  | 395   | 391  | 394  | 350  | 373   | 392   | 394   | 409   | 412   | 409  | 374  | 382   |
| 7    | 369  | 381  | 343  | 330  | 360 | 375  | 368  | 386   | 368  | 350   | 386   | 375  | 380   | 384  | 378  | 366  | 384   | 403   | 393   | 426   | 403   | 388  | 377  | 371   |
| 8    | 360  | 379  | 377  | 340  | 354 | 369  | 371  | 380   | 373  | 342   | 385   | 383  | 385   | 386  | 375  | 372  | 380   | 408   | 419   | 412   | 402   | 394  | 374  | 394   |
| 9    | 379  | 379  | 367  | 350  | 358 | 370  | 370  | 354   | 385  | 380   | 389   | 378  | 386   | 381  | 381  | 366  | 384   | 414   | 425   | 405   | 421   | 379  | 392  | 373   |
| 10   | 380  | 366  | 375  | 340  | 348 | 371  | 370  | 381   | 374  | 387   | 360   | 387  | 380   | 383  | 382  | 401  | 383   | 390   | (471) | 427   | 414   | 389  | 388  | 396   |
| 11   | 377  | 383  | 374  | 357  | 361 | 375  | 372  | 391   | 374  | 391   | 365   | 387  | 383   | 374  | 379  | 365  | 382   | 401   | 422   | (458) | 414   | 401  | 377  | 389   |
| 12   | 388  | 371  | 380  | 364  | 357 | 366  | 381  | 384   | 373  | 392   | 383   | 390  | 385   | 377  | 377  | 376  | 376   | 394   | 411   | 410   | 398   | 388  | 384  | 396   |
| 13   | 376  | 376  | 372  | 364  | 375 | 372  | 379  | 385   | 366  | 366   | 377   | 391  | 398   | 376  | 362  | 374  | 379   | 410   | 425   | 400   | 400   | 380  | 373  | 367   |
| 14   | 383  | 374  | 370  | 368  | 358 | 372  | 390  | 349   | 372  | 350   | 382   | 358  | 383   | 396  | 378  | 365  | 395   | 401   | (323) | 407   | 409   | 378  | 380  | 380   |
| 15   | 378  | 392  | 371  | 381  | 370 | 387  | 387  | 383   | 364  | 373   | 384   | 368  | 386   | 378  | 383  | 384  | 402   | 401   | 397   | 400   | (343) | 382  | 376  | 376   |
| 16   | 378  | 382  | 373  | 361  | 358 | 373  | 383  | 383   | 372  | 379   | 385   | 368  | 377   | 385  | 385  | 375  | 371   | 383   | 422   | 407   | 397   | 383  | 387  | 373   |
| 17   | 382  | 378  | 372  | 377  | 365 | 372  | 383  | 372   | 366  | 375   | 371   | 380  | 386   | 381  | 392  | 375  | 389   | 413   | 409   | 397   | 406   | 388  | 384  | 378   |
| 18   | 377  | 371  | 374  | 368  | 363 | 370  | 388  | 392   | 385  | 376   | 390   | 381  | 401   | 374  | 386  | 338  | 370   | 420   | 406   | 418   | 404   | 394  | 401  | 393   |
| 19   | 387  | 377  | 375  | 361  | 353 | 366  | 356  | 390   | 369  | 385   | 360   | 384  | 380   | 385  | 383  | 375  | 404   | 420   | 403   | 415   | 409   | 391  | 389  | 396   |
| 20   | 372  | 377  | 382  | 348  | 386 | 377  | 381  | 386   | 355  | 386   | 375   | 400  | 377   | 390  | 383  | 357  | 397   | 382   | 419   | 423   | 417   | 400  | 389  | (340) |
| 21   | 372  | 390  | 387  | 349  | 381 | 375  | 386  | 381   | 364  | 380   | 383   | 367  | 372   | 382  | 382  | 352  | 393   | 415   | 407   | 412   | 412   | 400  | 389  | 384   |
| 22   | 373  | 385  | 382  | 349  | 374 | 355  | 396  | (329) | 367  | 385   | 352   | 387  | 382   | 381  | 388  | 347  | 398   | 419   | 433   | 410   | 397   | 395  | 386  | 383   |
| 23   | 372  | 374  | 390  | 364  | 383 | 376  | 393  | 373   | 339  | 381   | 368   | 379  | 375   | 380  | 388  | 365  | 380   | 397   | 424   | 432   | 403   | 406  | 367  | 377   |
| 24   | 373  | 375  | 383  | 366  | 375 | 370  | 402  | 386   | 368  | 390   | 385   | 383  | 376   | 380  | 383  | 365  | 389   | 410   | 409   | 407   | 419   | 385  | 382  | 401   |
| 25   | 374  | 360  | 374  | 358  | 372 | 373  | 398  | 388   | 372  | 400   | 386   | 397  | 377   | 367  | 382  | 352  | (436) | 412   | 429   | 415   | 400   | 397  | 387  | 393   |
| 26   | 375  | 374  | 382  | 390  | 362 | 370  | 401  | 373   | 367  | 378   | 393   | 400  | 389   | 376  | 368  | 376  | 401   | 409   | 400   | 391   | 407   | 387  | 388  | 403   |
| 27   | 372  | 380  | 375  | 350  | 367 | 373  | 408  | 367   | 380  | 364   | 371   | 393  | 386   | 377  | 384  | 371  | 393   | 390   | 421   | 406   | 410   | 393  | 394  | 405   |
| 28   | 374  | 390  | 377  | 343  | 376 | 374  | 376  | 370   | 377  | 391   | 381   | 387  | 376   | 376  | 390  | 372  | 394   | 420   | 409   | 400   | 411   | 393  | 413  | 400   |
| 29   | 381  |      | 380  | 362  | 373 | 391  | 386  | 375   | 345  | 390   | 386   | 405  | 380   |      | 381  | 376  | 406   | (338) | 412   | 395   | 388   | 403  | 361  | 406   |
| 30   | 389  |      | 377  | 373  | 374 | 372  | 389  | 384   | 366  | 393   | 395   | 381  | (318) |      | 373  | 369  | 396   | 411   | 414   | 398   | 406   | 412  | 396  | 397   |
| 31   | 387  |      | 375  | 381  | 381 | 381  | 341  | 366   |      | (278) |       | 355  | 378   |      | 377  | 395  | 416   | 416   | 394   |       | (542) | 387  | 366  | 366   |
| Mean | 377  | 379  | 377  | 361  | 368 | 372  | 384  | 379   | 369  | 377   | 377   | 383  | 383   | 381  | 380  | 369  | 386   | 405   | 415   | 407   | 407   | 394  | 383  | 387   |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1904 | Jan. | Feb. | Marz | Apr.  | May | June | July | Aug.  | Sep. | Oct.  | Nov. | Dec. | Jan. | Feb.  | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|-------|-----|------|------|-------|------|-------|------|------|------|-------|------|------|-----|------|------|------|------|------|------|------|
| 1    | 371  | 379  | 382  | (305) | 357 | 364  | 386  | 381   | 372  | 358   | 387  | 382  | 365  | 367   | 396  | 362  | 400 | 411  | 462  | 423  | 375  | 379  | 372  | 370  |
| 2    | 378  | 354  | 392  | 341   | 360 | 375  | 395  | 389   | 376  | 369   | 386  | 365  | 385  | 365   | 373  | 386  | 392 | 404  | 423  | 379  | 368  | 400  | 382  | 374  |
| 3    | 377  | 382  | 389  | 367   | 362 | 400  | 376  | 397   | 375  | 366   | 386  | 350  | 371  | 388   | 387  | 375  | 403 | 406  | 419  | 411  | 393  | 378  | 380  | 370  |
| 4    | 384  | 390  | 370  | 361   | 384 | 402  | 376  | (338) | 374  | 377   | 352  | 372  | 393  | 398   | 385  | 363  | 378 | 407  | 408  | 409  | 400  | 369  | 360  | 381  |
| 5    | 384  | 383  | 370  | 370   | 377 | 383  | 382  | 382   | 391  | 380   | 385  | 369  | 362  | 385   | 394  | 379  | 390 | 435  | 400  | 386  | 402  | 371  | 391  | 364  |
| 6    | 366  | 383  | 375  | 377   | 377 | 407  | 390  | 395   | 373  | 363   | 361  | 382  | 383  | 395   | 391  | 378  | 395 | 413  | 402  | 415  | 387  | 374  | 373  | 390  |
| 7    | 383  | 384  | 374  | 390   | 376 | 396  | 357  | 397   | 374  | (303) | 362  | 368  | 397  | 405   | 386  | 385  | 388 | 430  | 389  | 394  | 395  | 353  | 375  | 372  |
| 8    | 379  | 381  | 367  | 372   | 380 | 380  | 363  | 393   | 359  | 339   | 356  | 377  | 393  | 375   | 389  | 390  | 417 | 405  | 393  | 422  | 388  | 395  | 381  | 383  |
| 9    | 391  | 394  | 384  | 390   | 383 | 387  | 370  | 380   | 380  | 359   | 381  | 390  | 398  | 391   | 390  | 400  | 401 | 407  | 394  | 444  | 394  | 393  | 376  | 390  |
| 10   | 384  | 397  | 370  | 373   | 382 | 390  | 378  | 421   | 352  | 352   | 380  | 361  | 370  | 410   | 398  | 390  | 406 | 417  | 405  | 418  | 398  | 383  | 373  | 378  |
| 11   | 381  | 383  | 382  | 358   | 382 | 374  | 388  | 391   | 358  | 354   | 374  | 358  | 368  | 384   | 405  | 379  | 413 | 423  | 406  | 429  | 406  | 350  | 388  | 382  |
| 12   | 381  | 397  | 381  | 357   | 387 | 372  | 377  | 387   | 355  | 341   | 354  | 373  | 396  | 390   | 409  | 391  | 388 | 418  | 410  | 429  | 407  | 385  | 382  | 379  |
| 13   | 377  | 395  | 376  | 378   | 378 | 400  | 393  | 394   | 364  | 385   | 368  | 385  | 395  | 398   | 396  | 395  | 438 | 411  | 412  | 424  | 405  | 365  | 389  | 381  |
| 14   | 380  | 385  | 382  | 381   | 355 | 394  | 407  | 385   | 360  | 360   | 372  | 394  | 401  | 392   | 389  | 388  | 387 | 429  | 421  | 438  | 388  | 373  | 384  | 389  |
| 15   | 378  | 384  | 386  | 380   | 357 | 387  | 400  | 378   | 372  | 381   | 365  | 368  | 416  | 388   | 393  | 390  | 401 | 449  | 423  | 440  | 385  | 384  | 385  | 367  |
| 16   | 386  | 380  | 387  | 364   | 367 | 412  | 389  | 385   | 363  | 374   | 344  | 377  | 364  | 396   | 401  | 385  | 401 | 363  | 441  | 415  | 397  | 375  | 370  | 359  |
| 17   | 378  | 389  | 386  | 368   | 349 | 365  | 379  | 386   | 370  | 368   | 323  | 372  | 392  | (322) | 398  | 382  | 382 | 424  | 400  | 413  | 377  | 372  | 351  | 374  |
| 18   | 377  | 383  | 373  | 369   | 384 | 386  | 390  | 374   | 369  | 376   | 333  | 373  | 388  | 392   | 393  | 396  | 422 | 398  | 424  | 396  | 375  | 383  | 353  | 380  |
| 19   | 383  | 395  | 382  | 350   | 381 | 388  | 376  | 372   | 365  | 374   | 365  | 384  | 394  | 396   | 392  | 431  | 397 | 400  | 431  | 395  | 395  | 378  | 379  | 379  |
| 20   | 394  | 377  | 385  | 365   | 379 | 377  | 402  | 381   | 373  | 367   | 365  | 374  | 404  | 394   | 387  | 377  | 428 | 416  | 413  | 388  | 388  | 370  | 373  | 386  |
| 21   | 387  | 378  | 387  | 379   | 387 | 383  | 390  | 373   | 374  | 370   | 374  | 372  | 396  | 396   | 389  | 400  | 423 | 395  | 400  | 393  | 390  | 396  | 394  | 360  |
| 22   | 377  | 388  | 383  | 373   | 407 | 372  | 391  | 370   | 381  | 360   | 368  | 369  | 396  | 384   | 392  | 380  | 410 | 413  | 417  | 393  | 395  | 376  | 378  | 381  |
| 23   | 381  | 396  | 386  | 370   | 381 | 384  | 385  | 353   | 374  | 368   | 364  | 379  | 389  | 360   | 396  | 398  | 407 | 418  | 416  | 395  | 371  | 386  | 381  | 389  |
| 24   | 370  | 381  | 385  | 383   | 377 | 384  | 392  | 370   | 367  | 380   | 365  | 374  | 389  | 401   | 391  | 402  | 404 | 418  | 409  | 386  | 386  | 376  | 378  | 391  |
| 25   | 400  | 392  | 381  | 383   | 387 | 386  | 393  | 374   | 350  | 388   | 386  | 392  | 391  | 402   | 395  | 403  | 421 | 427  | 413  | 403  | 370  | 397  | 352  | 394  |
| 26   | 381  | 382  | 388  | 386   | 370 | 382  | 392  | 385   | 343  | 369   | 360  | 378  |      |       |      |      |     |      |      |      |      |      |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1905 | Jan. | Feb. | Marz | Apr.  | May | June  | July | Aug. | Sep.  | Oct. | Nov.  | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug.  | Sep. | Oct. | Nov. | Dec. |
|------|------|------|------|-------|-----|-------|------|------|-------|------|-------|------|------|------|------|------|-----|------|------|-------|------|------|------|------|
| 1    | 374  | 384  | 390  | 341   | 360 | 386   | 372  | 391  | 370   | 358  | 385   | 390  | 388  | 376  | 393  | 350  | 382 | 412  | 416  | 413   | 419  | 408  | 396  | 402  |
| 2    | 404  | 370  | 340  | (306) | 354 | 396   | 363  | 353  | 388   | 370  | 383   | 400  | 385  | 376  | 413  | 416  | 405 | 417  | 401  | 382   | 416  | 407  | 392  | 406  |
| 3    | 384  | 360  | 350  | 336   | 360 | 374   | 383  | 351  | 394   | 378  | 387   | 392  | 357  | 326  | 356  | 386  | 395 | 390  | 413  | 424   | 438  | 405  | 412  | 420  |
| 4    | 393  | 355  | 353  | 335   | 367 | 377   | 412  | 339  | 364   | 405  | 393   | 397  | 374  | 358  | 390  | 396  | 396 | 414  | 406  | 409   | 383  | 412  | 406  | 380  |
| 5    | 379  | 343  | 379  | 349   | 372 | 381   | 394  | 372  | 375   | 400  | 387   | 377  | 394  | 332  | 379  | 394  | 408 | 425  | 403  | 408   | 410  | 402  | 380  | 406  |
| 6    | 361  | 352  | 372  | 361   | 356 | 373   | 374  | 351  | 375   | 384  | 377   | 392  | 344  | 366  | 373  | 382  | 387 | 428  | 373  | 388   | 403  | 373  | 403  | 400  |
| 7    | 366  | 352  | 340  | 350   | 360 | 369   | 357  | 351  | 350   | 389  | 370   | 395  | 367  | 360  | 371  | 384  | 392 | 395  | 328  | (338) | 422  | 402  | 384  | 379  |
| 8    | 375  | 352  | 347  | 372   | 372 | 377   | 353  | 372  | 389   | 403  | 390   | 400  | 373  | 346  | 351  | 394  | 384 | 384  | 435  | 396   | 420  | 392  | 400  | 404  |
| 9    | 370  | 355  | 354  | 364   | 381 | 372   | 358  | 389  | 397   | 382  | 393   | 398  | 371  | 353  | 380  | 380  | 383 | 417  | 387  | 403   | 433  | 410  | 400  | 405  |
| 10   | 360  | 368  | 372  | 362   | 386 | 390   | 365  | 377  | 372   | 393  | 394   | 418  | 362  | 348  | 382  | 375  | 371 | 360  | 400  | 417   | 437  | 406  | 387  | 418  |
| 11   | 374  | 357  | 366  | 357   | 361 | 367   | 387  | 385  | 382   | 390  | 390   | 417  | 368  | 366  | 388  | 371  | 383 | 414  | 394  | 400   | 411  | 405  | 395  | 429  |
| 12   | 373  | 376  | 395  | 372   | 368 | 385   | 375  | 398  | 374   | 401  | 390   | 430  | 370  | 366  | 368  | 385  | 401 | 397  | 400  | 414   | 418  | 403  | 395  | 427  |
| 13   | 389  | 375  | 389  | 369   | 389 | 365   | 401  | 396  | 388   | 405  | 355   | 354  | 381  | 355  | 375  | 369  | 422 | 401  | 379  | 405   | 419  | 430  | 369  | 413  |
| 14   | 389  | 388  | 373  | 360   | 372 | 376   | 352  | 353  | 382   | 387  | 362   | 402  | 398  | 362  | 386  | 370  | 393 | 400  | 391  | 405   | 416  | 395  | 390  | 394  |
| 15   | 367  | 362  | 379  | 348   | 370 | 385   | 378  | 364  | 384   | 380  | 380   | 404  | 378  | 374  | 375  | 370  | 394 | 436  | 403  | 405   | 416  | 398  | 388  | 406  |
| 16   | 372  | 355  | 382  | 368   | 366 | 365   | 372  | 366  | 387   | 392  | (312) | 407  | 376  | 365  | 363  | 358  | 385 | 398  | 410  | 400   | 415  | 403  | 430  | 406  |
| 17   | 372  | 369  | 370  | 368   | 392 | 370   | 389  | 369  | 404   | 383  | 358   | 400  | 374  | 375  | 380  | 379  | 401 | 394  | 407  | 398   | 417  | 391  | 379  | 380  |
| 18   | 366  | 370  | 377  | 362   | 395 | 375   | 368  | 343  | 395   | 388  | 367   | 405  | 381  | 367  | 377  | 379  | 407 | 405  | 409  | 406   | 390  | 386  | 382  | 403  |
| 19   | 372  | 377  | 385  | 374   | 382 | 374   | 398  | 375  | 344   | 387  | 378   | 405  | 380  | 375  | 387  | 382  | 398 | 408  | 381  | 406   | 402  | 390  | 366  | 400  |
| 20   | 377  | 370  | 382  | 370   | 357 | 389   | 384  | 378  | 383   | 384  | 376   | 376  | 379  | 378  | 386  | 377  | 419 | 414  | 394  | 410   | 391  | 393  | 384  | 396  |
| 21   | 375  | 388  | 378  | 374   | 354 | 404   | 380  | 377  | 382   | 390  | 364   | 389  | 360  | 373  | 393  | 371  | 387 | 392  | 402  | 416   | 386  | 392  | 381  | 397  |
| 22   | 364  | 396  | 384  | 359   | 388 | 373   | 378  | 377  | 400   | 389  | 361   | 396  | 346  | 367  | 395  | 375  | 384 | 412  | 367  | 402   | 393  | 385  | 375  | 404  |
| 23   | 376  | 334  | 391  | 366   | 379 | (314) | 400  | 374  | 378   | 386  | 367   | 364  | 373  | 361  | 385  | 377  | 402 | 419  | 396  | 414   | 364  | 380  | 378  | 393  |
| 24   | 393  | 374  | 377  | 372   | 382 | 366   | 346  | 377  | 393   | 388  | 379   | 395  | 382  | 363  | 380  | 384  | 397 | 401  | 381  | 394   | 385  | 381  | 390  | 404  |
| 25   | 383  | 384  | 378  | 381   | 386 | 368   | 370  | 374  | 387   | 386  | 380   | 397  | 373  | 346  | 385  | 388  | 398 | 402  | 388  | 421   | 402  | 396  | 396  | 402  |
| 26   | 378  | 383  | 373  | 378   | 386 | 370   | 378  | 380  | 354   | 384  | 389   | 395  | 358  | 380  | 375  | 383  | 409 | 400  | 392  | 411   | 385  | 390  | 392  | 401  |
| 27   | 373  | 372  | 393  | 389   | 366 | 388   | 376  | 372  | (324) | 383  | 384   | 393  | 377  | 363  | 379  | 378  | 415 | 401  | 395  | 410   | 396  | 397  | 385  | 401  |
| 28   | 380  | 391  | 385  | 353   | 372 | 373   | 381  | 378  | 377   | 393  | 380   | 402  | 384  | 384  | 396  | 370  | 392 | 407  | 401  | 420   | 409  | 405  | 383  | 408  |
| 29   | 354  |      | 386  | 360   | 370 | 364   | 384  | 343  | 367   | 365  | 392   | 415  | 364  |      | 386  | 369  | 391 | 412  | 398  | 396   | 414  | 386  | 388  | 388  |
| 30   | 368  |      | 379  | 352   | 377 | 366   | 382  | 342  | 385   | 378  | 392   | 395  | 371  |      | 388  | 400  | 393 | 416  | 407  | 401   | 419  | 386  | 397  | 386  |
| 31   | 367  |      | 368  |       | 379 |       | 391  | 376  |       | 378  |       | 385  | 370  |      | 401  |      | 421 |      | 400  |       |      |      |      | 407  |
| Mean | 375  | 368  | 374  | 359   | 373 | 376   | 377  | 369  | 380   | 386  | 379   | 396  | 373  | 363  | 382  | 380  | 397 | 406  | 399  | 407   | 408  | 397  | 393  | 402  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1906 | Jan. | Feb. | Marz | Apr. | May | June | July  | Aug. | Sep. | Oct.  | Nov.  | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov.  | Dec. |
|------|------|------|------|------|-----|------|-------|------|------|-------|-------|------|------|------|------|------|-----|------|------|------|------|------|-------|------|
| 1    | 405  | 396  | 387  | 381  | 372 | 379  | 404   | 406  | 380  | (328) | 376   | 393  | 406  | 400  | 384  | 402  | 402 | 413  | 427  | 416  | 424  | 384  | 390   | 405  |
| 2    | 384  | 406  | 396  | 398  | 371 | 374  | 390   | 412  | 370  | 360   | 385   | 392  | 407  | 406  | 397  | 401  | 394 | 392  | 432  | 438  | 402  | 386  | 395   | 403  |
| 3    | 397  | 412  | 402  | 404  | 373 | 366  | 397   | 421  | 380  | 371   | 389   | 402  | 410  | 411  | 424  | 398  | 394 | 400  | 435  | 431  | 410  | 383  | 405   | 405  |
| 4    | 392  | 412  | 413  | 398  | 376 | 371  | 380   | 400  | 343  | 380   | 400   | 397  | 404  | 391  | 394  | 395  | 400 | 405  | 415  | 423  | 423  | 402  | 410   | 407  |
| 5    | 383  | 403  | 395  | 384  | 377 | 371  | 384   | 388  | 362  | 369   | 387   | 393  | 401  | 400  | 403  | 415  | 396 | 415  | 450  | 427  | 414  | 383  | 388   | 408  |
| 6    | 392  | 409  | 385  | 395  | 367 | 373  | 361   | 395  | 372  | 373   | 359   | 410  | 404  | 392  | 391  | 409  | 395 | 420  | 400  | 427  | 429  | 382  | 391   | 410  |
| 7    | 388  | 411  | 403  | 394  | 382 | 377  | 378   | 404  | 370  | 383   | 403   | 398  | 404  | 402  | 396  | 411  | 409 | 412  | 414  | 441  | 402  | 387  | 407   | 415  |
| 8    | 382  | 408  | 389  | 400  | 380 | 379  | 363   | 346  | 373  | 387   | 381   | 357  | 397  | 392  | 414  | 416  | 420 | 412  | 401  | 409  | 413  | 388  | 385   | 393  |
| 9    | 404  | 392  | 394  | 413  | 365 | 369  | 374   | 394  | 377  | 384   | 396   | 360  | 415  | 394  | 401  | 418  | 422 | 413  | 400  | 427  | 400  | 383  | 387   | 392  |
| 10   | 398  | 413  | 385  | 392  | 377 | 387  | 400   | 366  | 369  | 391   | 393   | 392  | 395  | 396  | 402  | 412  | 403 | 378  | 374  | 407  | 397  | 395  | 400   | 391  |
| 11   | 401  | 407  | 390  | 383  | 376 | 397  | 359   | 380  | 375  | 390   | 404   | 395  | 400  | 401  | 384  | 401  | 392 | 426  | 405  | 403  | 377  | 393  | 406   | 396  |
| 12   | 405  | 407  | 392  | 385  | 393 | 382  | (322) | 382  | 376  | 369   | 392   | 400  | 397  | 394  | 403  | 393  | 395 | 390  | 431  | 415  | 400  | 366  | 408   | 401  |
| 13   | 400  | 405  | 398  | 388  | 395 | 421  | 329   | 386  | 372  | 380   | 398   | 400  | 398  | 409  | 398  | 408  | 404 | 354  | 392  | 406  | 396  | 380  | 402   | 400  |
| 14   | 389  | 407  | 395  | 396  | 404 | 437  | 365   | 386  | 365  | 386   | 394   | 394  | 402  | 410  | 402  | 403  | 419 | 431  | 393  | 391  | 387  | 381  | 405   | 401  |
| 15   | 407  | 399  | 392  | 391  | 420 | 399  | 368   | 381  | 369  | 385   | 392   | 383  | 388  | 389  | 402  | 375  | 384 | 316  | 386  | 408  | 374  | 375  | 406   | 409  |
| 16   | 406  | 412  | 405  | 378  | 384 | 406  | 392   | 380  | 361  | 380   | 394   | 393  | 397  | 403  | 393  | 386  | 375 | 418  | 396  | 397  | 397  | 397  | 395   | 404  |
| 17   | 395  | 388  | 401  | 375  | 375 | 384  | 388   | 376  | 362  | 372   | 390   | 390  | 415  | 400  | 394  | 376  | 398 | 422  | 407  | 421  | 400  | 405  | 410   | 402  |
| 18   | 400  | 388  | 406  | 369  | 400 | 401  | 360   | 381  | 372  | 382   | 390   | 388  | 416  | 403  | 391  | 386  | 386 | 400  | 380  | 424  | 385  | 406  | 411   | 406  |
| 19   | 409  | 398  | 395  | 376  | 385 | 394  | 359   | 389  | 371  | 385   | 387   | 402  | 389  | 418  | 394  | 383  | 408 | 427  | 393  | 438  | 388  | 400  | 408   | 406  |
| 20   | 378  | 400  | 390  | 373  | 409 | 395  | 358   | 370  | 377  | 373   | 396   | 388  | 409  | 383  | 394  | 381  | 390 | 412  | 392  | 397  | 390  | 394  | 408   | 402  |
| 21   | 392  | 376  | 393  | 365  | 392 | 400  | 361   | 385  | 369  | 394   | 401   | 386  | 403  | 403  | 390  | 384  | 388 | 430  | 419  | 412  | 396  | 393  | 400   | 407  |
| 22   | 398  | 385  | 398  | 358  | 388 | 403  | 369   | 373  | 386  | 374   | (331) | 382  | 387  | 407  | 390  | 383  | 383 | 413  | 379  | 412  | 433  | 400  | (336) | 421  |
| 23   | 408  | 400  | 395  | 368  | 385 | 406  | 358   | 367  | 387  | 369   | 380   | 370  | 390  | 401  | 404  | 371  | 385 | 420  | 405  | 406  | 372  | 394  | 407   | 378  |
| 24   | 406  | 401  | 381  | 363  | 387 | 414  | 367   | 387  | 366  | 396   | 395   | 378  | 403  | 391  | 408  | 377  | 408 | 416  | 408  | 406  | 363  | 389  | 398   | 395  |
| 25   | 406  | 400  | 371  | 376  | 409 | 297  | 398   | 391  | 330  | 378   | 392   | 412  | 392  | 387  | 367  | 375  | 371 | 410  | 407  | 409  | 375  | 395  | 405   | 402  |
| 26   | 407  | 396  | 398  |      |     |      |       |      |      |       |       |      |      |      |      |      |     |      |      |      |      |      |       |      |



9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1907 | Jan. | Feb.  | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec.  | Jan. | Feb. | Marz | Apr. | May | June | July | Aug.  | Sep.  | Oct.  | Nov.  | Dec. |
|------|------|-------|------|------|-----|------|------|------|------|------|------|-------|------|------|------|------|-----|------|------|-------|-------|-------|-------|------|
| 1    | 392  | 390   | 383  | 372  | 378 | 390  | 401  | 396  | 370  | 363  | 359  | 401   | 409  | 388  | 380  | 380  | 407 | 452  | 408  | 422   | 375   | 390   | 366   | 407  |
| 2    | 387  | 395   | 381  | 377  | 403 | 376  | 390  | 392  | 384  | 377  | 372  | 396   | 395  | 372  | 361  | 396  | 405 | 394  | 424  | 444   | 365   | 387   | 384   | 398  |
| 3    | 393  | 382   | 383  | 375  | 394 | 388  | 390  | 386  | 370  | 379  | 336  | 389   | 400  | 387  | 384  | 400  | 394 | 421  | 426  | 427   | 385   | 390   | 344   | 401  |
| 4    | 394  | 381   | 398  | 375  | 396 | 390  | 388  | 393  | 355  | 375  | 369  | (317) | 403  | 381  | 393  | 392  | 405 | 411  | 421  | 417   | 397   | 385   | 373   | 403  |
| 5    | 390  | 396   | 393  | 383  | 397 | 375  | 419  | 359  | 363  | 371  | 369  | 393   | 411  | 389  | 385  | 380  | 428 | 415  | 410  | 415   | 386   | 383   | 366   | 390  |
| 6    | 392  | 385   | 383  | 381  | 396 | 405  | 406  | 390  | 361  | 379  | 377  | 388   | 396  | 396  | 391  | 388  | 407 | 418  | 411  | 428   | 397   | 388   | 368   | 391  |
| 7    | 385  | 372   | 390  | 378  | 388 | 391  | 393  | 393  | 363  | 379  | 373  | 400   | 398  | 398  | 389  | 371  | 371 | 430  | 400  | 414   | 385   | 389   | 389   | 395  |
| 8    | 387  | (284) | 379  | 369  | 390 | 386  | 392  | 392  | 349  | 359  | 387  | 393   | 392  | 384  | 387  | 393  | 402 | 423  | 440  | 425   | 387   | 366   | 384   | 379  |
| 9    | 376  | (308) | 391  | 384  | 380 | 406  | 384  | 415  | 373  | 367  | 387  | 391   | 377  | 374  | 400  | 400  | 402 | 430  | 431  | 400   | 393   | 357   | 389   | 389  |
| 10   | 382  | (310) | 390  | 376  | 386 | 386  | 396  | 387  | 387  | 381  | 371  | 395   | 396  | 342  | 360  | 398  | 429 | 419  | 425  | 407   | (434) | 362   | 372   | 393  |
| 11   | 398  | 349   | 346  | 404  | 400 | 380  | 350  | 359  | 342  | 373  | 381  | 388   | 384  | 371  | 377  | 405  | 448 | 432  | 425  | 442   | 379   | 370   | 380   | 389  |
| 12   | 360  | 350   | 343  | 373  | 390 | 379  | 368  | 391  | 326  | 368  | 385  | 392   | 375  | 361  | 377  | 402  | 428 | 440  | 412  | 411   | 410   | 374   | 376   | 393  |
| 13   | 376  | 369   | 354  | 378  | 379 | 382  | 361  | 373  | 357  | 379  | 385  | 388   | 379  | 362  | 389  | 412  | 427 | 432  | 427  | 400   | 376   | (322) | 384   | 384  |
| 14   | 365  | 342   | 359  | 348  | 376 | 398  | 391  | 385  | 376  | 361  | 395  | 390   | 394  | 387  | 377  | 408  | 414 | 424  | 413  | 408   | 379   | 372   | 395   | 391  |
| 15   | 386  | 344   | 374  | 341  | 366 | 402  | 368  | 397  | 372  | 390  | 402  | 390   | 384  | 388  | 380  | 396  | 423 | 434  | 414  | 398   | 388   | 368   | 394   | 382  |
| 16   | 375  | 345   | 380  | 361  | 382 | 397  | 393  | 404  | 359  | 370  | 392  | 391   | 387  | 384  | 384  | 376  | 392 | 405  | 396  | 401   | 396   | 366   | 395   | 389  |
| 17   | 391  | 379   | 378  | 370  | 387 | 390  | 392  | 406  | 376  | 382  | 400  | 392   | 390  | 381  | 388  | 400  | 407 | 425  | 425  | 432   | 394   | 363   | 383   | 384  |
| 18   | 382  | 366   | 383  | 394  | 384 | 418  | 382  | 388  | 371  | 365  | 407  | 391   | 395  | 384  | 388  | 421  | 428 | 418  | 411  | 427   | 380   | 378   | 410   | 384  |
| 19   | 388  | 377   | 386  | 375  | 363 | 394  | 395  | 375  | 367  | 375  | 398  | 392   | 390  | 382  | 389  | 395  | 404 | 421  | 418  | 419   | 392   | 390   | 385   | 385  |
| 20   | 390  | 387   | 368  | 372  | 388 | 364  | 378  | 387  | 384  | 385  | 400  | 370   | 398  | 390  | 375  | 393  | 381 | 387  | 422  | 419   | 378   | 383   | 411   | 377  |
| 21   | 385  | 379   | 385  | 371  | 405 | 369  | 379  | 366  | 370  | 381  | 406  | 388   | 393  | 364  | 389  | 388  | 403 | 401  | 407  | 407   | 383   | 384   | 396   | 400  |
| 22   | 379  | 363   | 354  | 381  | 357 | 382  | 396  | 382  | 371  | 353  | 392  | 389   | 392  | 382  | 375  | 403  | 443 | 394  | 406  | 403   | 374   | 427   | 380   | 389  |
| 23   | 391  | 371   | 350  | 372  | 396 | 375  | 402  | 358  | 384  | 392  | 378  | 398   | 395  | 363  | 369  | 425  | 418 | 416  | 425  | 420   | 366   | 392   | 376   | 388  |
| 24   | 390  | 349   | 347  | 384  | 340 | 363  | 386  | 373  | 361  | 365  | 385  | 400   | 397  | 397  | 358  | 405  | 397 | 425  | 406  | 398   | 365   | 343   | 385   | 403  |
| 25   | 390  | 364   | 369  | 381  | 393 | 375  | 400  | 408  | 379  | 363  | 385  | 405   | 401  | 389  | 379  | 398  | 418 | 450  | 436  | 398   | 360   | 362   | 385   | 383  |
| 26   | 390  | 374   | 363  | 369  | 380 | 370  | 397  | 381  | 370  | 354  | 401  | 406   | 404  | 382  | 374  | 402  | 404 | 430  | 440  | 410   | 368   | 370   | 412   | 400  |
| 27   | 395  | 370   | 338  | 386  | 388 | 378  | 362  | 386  | 358  | 345  | 393  | 389   | 400  | 371  | 380  | 400  | 430 | 416  | 388  | 424   | 377   | 378   | (337) | 375  |
| 28   | 410  | 379   | 368  | 359  | 400 | 397  | 383  | 379  | 363  | 357  | 402  | 389   | 400  | 367  | 401  | 361  | 417 | 427  | 400  | 426   | 372   | 366   | 404   | 393  |
| 29   | 390  |       | 379  | 386  | 382 | 404  | 371  | 390  | 382  | 381  | 397  | 383   | 401  |      | 378  | 409  | 406 | 411  | 408  | 407   | 364   | 375   | 408   | 384  |
| 30   | 390  |       | 364  | 392  | 374 | 406  | 379  | 401  | 385  | 373  | 403  | 395   | 386  |      | 388  | 398  | 404 | 396  | 405  | (344) | 410   | 365   | 430   | 366  |
| 31   | 390  |       | 371  |      | 382 |      | 394  | 387  |      | 370  |      | 400   | 402  |      | 374  |      | 422 |      | 394  | 388   |       | 375   |       | 391  |
| Mean | 387  | 371   | 372  | 375  | 385 | 387  | 387  | 383  | 368  | 371  | 386  | 392   | 394  | 379  | 381  | 396  | 412 | 420  | 415  | 415   | 382   | 374   | 387   | 390  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1908 | Jan. | Feb. | Marz | Apr. | May | June | July  | Aug.  | Sep. | Oct.  | Nov.  | Dec.  | Jan. | Feb. | Marz  | Apr.  | May | June | July | Aug.  | Sep.  | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|-------|-------|------|-------|-------|-------|------|------|-------|-------|-----|------|------|-------|-------|------|------|------|
| 1    | 396  | 395  | 373  | 391  | 376 | 390  | 396   | 389   | 372  | 376   | 368   | 384   | 390  | 394  | 386   | 397   | 400 | 411  | 389  | 403   | 427   | 384  | 383  | 383  |
| 2    | 396  | 400  | 366  | 371  | 357 | 391  | 380   | 407   | 379  | 384   | 373   | 379   | 393  | 394  | 376   | 386   | 366 | 414  | 367  | 408   | 407   | 384  | 377  | 385  |
| 3    | 387  | 401  | 350  | 381  | 387 | 397  | 400   | 389   | 397  | 389   | 375   | 379   | 383  | 403  | 371   | 373   | 409 | 358  | 388  | 410   | 420   | 396  | 361  | 385  |
| 4    | 384  | 397  | 385  | 370  | 377 | 399  | 395   | 390   | 382  | 381   | 380   | 385   | 374  | 406  | 392   | 381   | 390 | 408  | 393  | 417   | 415   | 410  | 385  | 364  |
| 5    | 386  | 390  | 387  | 393  | 362 | 371  | 395   | 402   | 350  | 366   | 378   | (317) | 412  | 395  | 381   | 377   | 400 | 394  | 418  | 405   | (566) | 388  | 387  | 371  |
| 6    | 390  | 396  | 384  | 371  | 356 | 401  | 383   | 397   | 400  | 358   | 385   | 365   | 379  | 391  | 353   | (340) | 394 | 408  | 404  | 425   | 400   | 398  | 388  | 357  |
| 7    | 390  | 384  | 373  | 354  | 367 | 384  | 385   | 392   | 387  | 353   | 396   | 371   | 369  | 387  | 374   | 378   | 401 | 420  | 425  | 417   | 389   | 371  | 387  | 358  |
| 8    | 386  | 398  | 423  | 364  | 380 | 393  | 387   | 368   | 389  | 356   | (325) | 378   | 365  | 392  | 405   | 380   | 362 | 390  | 403  | 420   | (331) | 374  | 390  | 377  |
| 9    | 379  | 396  | 368  | 378  | 370 | 386  | 392   | (320) | 385  | 351   | 333   | 389   | 356  | 371  | (440) | 382   | 387 | 384  | 400  | 423   | 409   | 363  | 357  | 378  |
| 10   | 377  | 392  | 392  | 374  | 382 | 376  | 398   | 379   | 325  | 361   | 350   | 390   | 374  | 395  | 400   | 381   | 405 | 395  | 416  | 400   | (442) | 374  | 360  | 360  |
| 11   | 383  | 402  | 387  | 385  | 349 | 388  | 382   | 360   | 400  | 359   | 348   | 370   | 373  | 374  | 350   | 406   | 413 | 396  | 410  | 402   | 397   | 368  | 363  | 380  |
| 12   | 372  | 387  | 395  | 393  | 372 | 386  | 400   | 340   | 374  | 373   | 376   | 378   | 389  | 368  | 386   | 395   | 419 | 378  | 410  | 407   | 390   | 349  | 367  | 380  |
| 13   | 390  | 390  | 389  | 384  | 390 | 404  | 394   | 374   | 347  | (314) | 372   | 368   | 388  | 384  | 384   | 388   | 407 | 442  | 425  | 419   | 380   | 343  | 368  | 351  |
| 14   | 405  | 411  | 389  | 393  | 362 | 390  | 388   | 395   | 343  | 353   | 370   | 367   | 400  | 377  | 405   | 409   | 404 | 422  | 416  | 407   | 391   | 359  | 354  | 390  |
| 15   | 402  | 386  | 380  | 382  | 369 | 402  | 396   | 382   | 359  | 363   | 355   | 384   | 388  | 387  | 393   | 408   | 408 | 411  | 424  | 402   | 385   | 362  | 373  | 393  |
| 16   | 414  | 404  | 412  | 360  | 382 | 395  | 349   | 372   | 371  | 370   | 354   | 376   | 390  | 385  | 384   | 396   | 396 | 401  | 366  | 401   | 391   | 371  | 369  | 384  |
| 17   | 401  | 403  | 384  | 374  | 379 | 396  | 362   | 390   | 334  | 369   | 372   | 376   | 396  | 392  | 398   | 400   | 360 | 400  | 395  | 412   | 364   | 373  | 376  | 393  |
| 18   | 402  | 395  | 387  | 366  | 375 | 389  | 387   | 388   | 368  | 365   | 369   | 381   | 404  | 382  | 393   | 405   | 410 | 375  | 409  | 402   | 387   | 368  | 362  | 403  |
| 19   | 405  | 407  | 388  | 358  | 400 | 387  | 386   | 361   | 382  | 365   | 360   | 350   | 400  | 380  | 392   | 400   | 420 | 393  | 400  | 401   | 369   | 372  | 364  | 385  |
| 20   | 409  | 410  | 368  | 367  | 389 | 390  | 396   | 370   | 390  | 373   | 379   | 378   | 403  | 389  | 378   | 378   | 406 | 367  | 413  | 408   | 381   | 388  | 378  | 386  |
| 21   | 410  | 387  | 388  | 373  | 391 | 396  | 411   | 391   | 389  | 374   | 366   | 388   | 413  | 383  | 366   | 390   | 407 | 395  | 398  | 415   | 384   | 386  | 378  | 391  |
| 22   | 401  | 395  | 376  | 389  | 392 | 400  | 411   | 352   | 384  | 374   | 371   | 397   | 410  | 412  | 382   | 412   | 404 | 397  | 424  | (357) | 393   | 381  | 370  | 387  |
| 23   | 400  | 378  | 360  | 360  | 344 | 397  | 410   | 371   | 385  | 369   | 374   | 397   | 406  | 378  | 381   | 372   | 408 | 402  | 425  | 410   | 400   | 376  | 374  | 392  |
| 24   | 404  | 409  | 383  | 368  | 349 | 404  | 395   | 389   | 379  | 382   | 388   | 396   | 396  | 382  | 385   | 386   | 406 | 426  | 437  | 414   | 393   | 382  | 375  | 394  |
| 25   | 400  | 389  | 385  | 378  | 371 | 398  | (446) | 369   | 387  | 372   | 367   | 390   | 393  | 386  | 379   | 398   | 394 | 404  | 421  | 415   | 409   | 383  | 379  | 393  |
| 26   | 389  | 389  | 409  | 364  | 355 | 3    |       |       |      |       |       |       |      |      |       |       |     |      |      |       |       |      |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1909 | Jan.  | Feb. | Marz | Apr.  | May   | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan.  | Feb.  | Marz | Apr.  | May   | June | July | Aug. | Sep.  | Oct. | Nov. | Dec. |
|------|-------|------|------|-------|-------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|------|------|-------|------|------|------|
| 1    | 404   | 363  | 373  | 366   | 358   | 371  | 371  | 374  | 372  | 335  | 372  | 332  | (423) | 342   | 377  | 366   | 406   | 375  | 416  | 410  | 411   | 343  | 379  | 351  |
| 2    | 360   | 379  | 377  | 346   | 389   | 382  | 380  | 389  | 375  | 345  | 372  | 330  | 356   | 366   | 382  | 361   | 415   | 403  | 406  | 411  | 411   | 381  | 382  | 350  |
| 3    | 382   | 342  | 384  | 369   | 383   | 380  | 367  | 362  | 358  | 331  | 378  | 367  | 378   | 388   | 378  | 359   | 393   | 400  | 412  | 392  | 365   | 333  | 377  | 374  |
| 4    | 338   | 361  | 343  | 360   | 364   | 392  | 386  | 371  | 334  | 338  | 376  | 369  | 361   | 370   | 368  | 378   | 398   | 402  | 392  | 388  | 394   | 334  | 376  | 378  |
| 5    | 339   | 387  | 373  | 365   | 371   | 401  | 377  | 376  | 363  | 327  | 381  | 375  | 371   | 373   | 378  | 361   | 383   | 400  | 411  | 402  | 401   | 351  | 375  | 376  |
| 6    | 366   | 374  | 359  | 362   | 378   | 388  | 389  | 369  | 367  | 334  | 385  | 373  | 367   | 362   | 359  | 364   | 352   | 392  | 393  | 395  | 379   | 352  | 382  | 381  |
| 7    | 384   | 369  | 365  | 367   | 374   | 382  | 402  | 392  | 361  | 348  | 374  | 362  | 376   | 374   | 374  | 369   | 395   | 390  | 401  | 395  | 412   | 355  | 376  | 384  |
| 8    | 376   | 365  | 363  | 373   | 380   | 387  | 397  | 372  | 367  | 349  | 386  | 387  | 385   | 370   | 379  | 364   | 382   | 393  | 393  | 389  | 388   | 357  | 377  | 394  |
| 9    | 387   | 373  | 368  | 366   | 389   | 394  | 381  | 349  | 355  | 323  | 384  | 396  | 393   | 376   | 382  | 366   | 380   | 397  | 408  | 374  | 391   | 337  | 384  | 413  |
| 10   | 385   | 372  | 373  | 390   | 377   | 398  | 382  | 381  | 362  | 350  | 379  | 387  | 381   | 378   | 366  | 366   | 382   | 410  | 397  | 407  | 382   | 371  | 381  | 375  |
| 11   | 391   | 374  | 364  | 370   | 381   | 411  | 387  | 381  | 378  | 352  | 382  | 386  | 382   | 369   | 366  | 397   | 373   | 397  | 407  | 395  | 390   | 352  | 380  | 393  |
| 12   | 387   | 380  | 378  | 391   | 379   | 378  | 394  | 390  | 377  | 355  | 385  | 388  | 376   | 371   | 360  | 362   | 388   | 398  | 376  | 404  | 374   | 381  | 382  | 394  |
| 13   | 389   | 382  | 376  | 374   | 374   | 382  | 394  | 367  | 366  | 353  | 377  | 384  | 353   | 395   | 362  | 398   | 385   | 397  | 380  | 414  | 363   | 365  | 373  | 383  |
| 14   | 377   | 397  | 366  | 385   | 381   | 383  | 383  | 358  | 355  | 368  | 395  | 367  | 386   | 385   | 368  | 386   | (451) | 400  | 403  | 398  | 376   | 372  | 389  | 340  |
| 15   | 369   | 369  | 362  | 389   | 330   | 378  | 379  | 394  | 368  | 365  | 376  | 367  | 364   | 386   | 377  | 377   | (330) | 368  | 425  | 377  | 368   | 374  | 360  | 366  |
| 16   | 381   | 381  | 377  | 363   | 332   | 385  | 390  | 376  | 372  | 379  | 372  | 396  | 377   | 390   | 370  | 358   | 354   | 411  | 396  | 397  | 385   | 367  | 372  | 378  |
| 17   | 377   | 389  | 373  | 360   | 343   | 376  | 387  | 374  | 368  | 379  | 377  | 371  | 383   | 363   | 370  | 353   | 372   | 404  | 394  | 408  | 389   | 364  | 372  | 362  |
| 18   | 380   | 380  | 364  | 379   | 338   | 386  | 381  | 370  | 379  | 370  | 381  | 387  | 381   | 381   | 401  | 385   | 400   | 408  | 388  | 416  | 382   | 367  | 372  | 385  |
| 19   | 384   | 384  | 394  | 370   | (311) | 377  | 374  | 383  | 384  | 345  | 388  | 375  | 377   | 391   | 376  | 376   | 343   | 410  | 396  | 374  | 374   | 366  | 373  | 377  |
| 20   | 389   | 371  | 328  | 363   | 336   | 390  | 381  | 384  | 379  | 342  | 394  | 372  | 382   | (457) | 350  | 363   | 349   | 413  | 398  | 408  | 382   | 355  | 334  | 370  |
| 21   | 382   | 396  | 355  | 372   | 334   | 404  | 387  | 376  | 384  | 356  | 363  | 383  | 377   | 384   | 376  | 372   | 362   | 414  | 431  | 397  | 379   | 350  | 364  | 375  |
| 22   | 384   | 375  | 323  | 361   | 347   | 415  | 366  | 381  | 362  | 368  | 380  | 362  | 381   | 382   | 368  | 378   | 387   | 401  | 411  | 384  | 371   | 367  | 369  | 367  |
| 23   | 389   | 366  | 329  | 383   | 368   | 370  | 368  | 368  | 347  | 347  | 376  | 371  | 391   | 364   | 359  | 390   | 396   | 416  | 370  | 404  | 374   | 342  | 371  | 373  |
| 24   | 386   | 362  | 354  | 381   | 358   | 387  | 361  | 378  | 374  | 346  | 384  | 376  | 383   | 372   | 362  | 376   | 382   | 402  | 370  | 408  | 361   | 393  | 369  | 379  |
| 25   | 405   | 342  | 348  | 367   | 378   | 393  | 377  | 392  | 381  | 363  | 386  | 380  | 378   | 382   | 384  | 389   | 375   | 400  | 392  | 407  | (315) | 373  | 372  | 373  |
| 26   | 374   | 369  | 340  | (306) | 392   | 369  | 371  | 387  | 390  | 362  | 383  | 379  | 363   | 365   | 374  | 381   | 392   | 387  | 387  | 410  | (296) | 363  | 382  | 361  |
| 27   | 396   | 386  | 355  | 334   | 389   | 389  | 363  | 364  | 374  | 370  | 384  | 377  | 341   | 384   | 359  | 368   | 360   | 411  | 397  | 403  | 357   | 365  | 393  | 354  |
| 28   | 372   | 363  | 341  | 360   | 397   | 400  | 366  | 385  | 340  | 371  | 390  | 369  | 341   | 381   | 371  | 368   | 400   | 392  | 408  | 410  | 351   | 367  | 386  | 376  |
| 29   | 359   |      | 316  | 379   | 384   | 403  | 383  | 348  | 342  | 374  | 381  | 373  | 371   |       | 351  | 366   | 359   | 389  | 360  | 392  | 347   | 364  | 389  | 375  |
| 30   | (303) |      | 332  | 379   | 379   | 392  | 368  | 387  | 358  | 381  | 362  | 376  | 366   |       | 362  | 385   | 370   | 420  | 361  | 378  | 334   | 388  | 371  | 371  |
| 31   | 353   |      | 338  |       | 378   |      | 388  | 359  |      | 382  |      | 381  | 336   |       | 348  | (454) |       | 391  | 402  |      | 352   |      | 375  | 385  |
| Mean | 378   | 373  | 358  | 370   | 369   | 388  | 380  | 375  | 366  | 357  | 380  | 374  | 372   | 376   | 363  | 373   | 380   | 400  | 396  | 398  | 378   | 361  | 375  | 375  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1910 | Jan. | Feb. | Marz | Apr. | May   | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug.  | Sep. | Oct.  | Nov. | Dec. |
|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|-------|------|-------|------|------|
| 1    | 358  | 381  | 383  | 362  | 373   | 368  | 385  | 398  | 383  | 360  | 351  | 378  | 369  | 388  | 390  | 366  | 396 | 391  | 390  | 423   | 425  | 360   | 375  | 374  |
| 2    | 379  | 378  | 382  | 329  | 383   | 376  | 375  | 367  | 372  | 346  | 383  | 389  | 380  | 377  | 392  | 375  | 386 | 385  | 407  | 400   | 413  | 407   | 356  | 374  |
| 3    | 373  | 367  | 374  | 371  | 378   | 381  | 416  | 374  | 368  | 375  | 378  | 358  | 381  | 389  | 382  | 386  | 376 | 400  | 410  | 408   | 406  | 396   | 380  | 372  |
| 4    | 382  | 356  | 374  | 348  | 400   | 376  | 385  | 388  | 383  | 375  | 371  | 372  | 354  | 384  | 385  | 396  | 389 | 407  | 417  | 378   | 404  | 380   | 385  | 386  |
| 5    | 359  | 378  | 375  | 363  | 381   | 380  | 384  | 368  | 383  | 400  | 375  | 377  | 373  | 367  | 379  | 381  | 392 | 411  | 400  | 410   | 409  | 401   | 367  | 352  |
| 6    | 385  | 379  | 372  | 366  | 391   | 368  | 374  | 389  | 375  | 356  | 383  | 369  | 388  | 363  | 401  | 384  | 407 | 416  | 450  | 413   | 420  | 394   | 387  | 363  |
| 7    | 378  | 391  | 362  | 374  | 385   | 383  | 386  | 389  | 362  | 372  | 365  | 358  | 378  | 385  | 388  | 383  | 384 | 409  | 408  | 400   | 395  | 371   | 400  | 379  |
| 8    | 378  | 386  | 374  | 364  | 375   | 396  | 365  | 383  | 381  | 375  | 368  | 385  | 386  | 392  | 379  | 373  | 405 | 447  | 400  | 400   | 388  | 378   | 373  | 383  |
| 9    | 373  | 411  | 376  | 372  | 386   | 370  | 380  | 384  | 368  | 382  | 368  | 381  | 383  | 395  | 401  | 388  | 394 | 401  | 425  | 449   | 400  | 381   | 383  | 376  |
| 10   | 379  | 396  | 377  | 374  | 388   | 358  | 377  | 380  | 378  | 381  | 363  | 396  | 379  | 397  | 389  | 381  | 404 | 403  | 398  | 391   | 385  | 385   | 361  | 371  |
| 11   | 385  | 391  | 372  | 373  | 384   | 380  | 389  | 395  | 383  | 383  | 361  | 387  | 386  | 396  | 381  | 386  | 398 | 414  | 402  | 400   | 391  | 381   | 378  | 384  |
| 12   | 395  | 387  | 385  | 367  | 381   | 379  | 391  | 361  | 369  | 378  | 372  | 385  | 388  | 380  | 392  | 377  | 382 | 425  | 404  | 406   | 391  | 414   | 368  | 378  |
| 13   | 396  | 376  | 388  | 377  | 410   | 369  | 400  | 380  | 391  | 377  | 370  | 395  | 394  | 384  | 395  | 378  | 387 | 400  | 389  | 404   | 400  | 397   | 373  | 378  |
| 14   | 388  | 385  | 382  | 390  | 376   | 364  | 395  | 396  | 402  | 390  | 388  | 375  | 367  | 379  | 382  | 363  | 386 | 401  | 390  | 420   | 401  | 376   | 386  | 364  |
| 15   | 371  | 386  | 378  | 366  | 362   | 376  | 423  | 382  | 381  | 388  | 382  | 375  | 382  | 376  | 391  | 385  | 372 | 404  | 417  | 410   | 397  | 383   | 392  | 366  |
| 16   | 375  | 385  | 386  | 397  | 392   | 366  | 404  | 395  | 397  | 365  | 371  | 382  | 383  | 377  | 378  | 389  | 405 | 410  | 404  | 414   | 396  | 379   | 363  | 364  |
| 17   | 397  | 398  | 376  | 391  | 362   | 362  | 405  | 401  | 381  | 375  | 377  | 383  | 353  | 381  | 385  | 389  | 396 | 411  | 423  | 417   | 408  | 345   | 342  | 366  |
| 18   | 367  | 378  | 384  | 374  | 390   | 371  | 374  | 377  | 389  | 374  | 371  | 379  | 384  | 362  | 400  | 361  | 419 | 391  | 408  | 421   | 401  | 365   | 334  | 359  |
| 19   | 381  | 374  | 375  | 352  | (432) | 375  | 396  | 380  | 386  | 325  | 361  | 378  | 367  | 374  | 385  | 382  | 402 | 421  | 451  | 432   | 392  | 347   | 335  | 357  |
| 20   | 377  | 379  | 370  | 361  | 362   | 375  | 400  | 379  | 374  | 338  | 356  | 372  | 374  | 400  | 385  | 374  | 371 | 381  | 429  | 411   | 407  | 429   | 365  | 381  |
| 21   | 386  | 344  | 365  | 371  | 358   | 383  | 390  | 390  | 365  | 335  | 373  | 375  | 386  | 374  | 383  | 393  | 408 | 385  | 419  | (463) | 397  | 358   | 369  | 389  |
| 22   | 388  | 373  | 360  | 379  | 380   | 339  | 405  | 391  | 334  | 338  | 350  | 362  | 356  | 374  | 363  | 387  | 406 | 413  | 413  | 425   | 380  | (431) | 348  | 355  |
| 23   | 385  | 378  | 375  | 382  | 378   | 363  | 394  | 364  | 372  | 410  | 365  | 383  | 373  | 383  | 389  | 404  | 406 | 392  | 409  | 394   | 382  | 343   | 378  | 371  |
| 24   | 355  | 391  | 366  | 348  | 397   | 375  | 402  | 389  | 380  | 377  | 369  | 391  | 380  | 382  | 385  | 388  | 412 | 423  | 408  | (465) | 368  | 363   | 377  | 395  |
| 25   | 361  | 351  | 378  | 384  | (325) | 376  | 400  | 392  | 386  | 389  | 382  | 375  | 343  | 374  | 387  | 394  | 411 | 408  | 432  | 400   | 395  | 413   | 377  | 340  |
| 26   | 337  | 349  | 385  | 385  | 361   | 350  | 398  |      |      |      |      |      |      |      |      |      |     |      |      |       |      |       |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

|      | 9 O'Clock H = 16 000 + |       |      |      |      |     |      |      |      |      |      |       | 14 O'Clock H = 16 000 + |       |      |      |      |       |      |      |      |      |      |       |
|------|------------------------|-------|------|------|------|-----|------|------|------|------|------|-------|-------------------------|-------|------|------|------|-------|------|------|------|------|------|-------|
|      | 1911                   | Jan.  | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov.  | Dec.                    | Jan.  | Feb. | Marz | Apr. | May   | June | July | Aug. | Sep. | Oct. | Nov.  |
| 1    | 381                    | 382   | 331  | 351  | 375  | 357 | 414  | 376  | 366  | 372  | 363  | 367   | 393                     | 369   | 372  | 357  | 388  | 401   | 400  | 400  | 388  | 371  | 368  | 369   |
| 2    | 382                    | 388   | 369  | 366  | 376  | 385 | 350  | 377  | 365  | 367  | 355  | 351   | 382                     | 371   | 366  | 363  | 396  | 411   | 394  | 386  | 370  | 343  | 367  | 371   |
| 3    | 375                    | 378   | 370  | 361  | 372  | 412 | 388  | 383  | 376  | 347  | 362  | 359   | 384                     | 372   | 331  | 377  | 397  | 403   | 398  | 423  | 385  | 361  | 353  | 368   |
| 4    | 382                    | 395   | 373  | 358  | 349  | 400 | 383  | 364  | 389  | 362  | 352  | 366   | 389                     | 377   | 347  | 333  | 377  | 409   | 416  | 388  | 398  | 380  | 358  | 378   |
| 5    | 381                    | 387   | 393  | 367  | 367  | 340 | 381  | 373  | 373  | 361  | 356  | 363   | 384                     | 369   | 349  | 366  | 398  | 400   | 421  | 417  | 397  | 369  | 356  | 384   |
| 6    | 395                    | 395   | 370  | 354  | 361  | 381 | 391  | 380  | 368  | 362  | 354  | 384   | 374                     | 387   | 357  | 362  | 401  | 392   | 430  | 401  | 388  | 366  | 368  | 403   |
| 7    | 373                    | 370   | 360  | 357  | 347  | 377 | 390  | 388  | 376  | 366  | 362  | 355   | 386                     | 377   | 352  | 359  | 414  | 408   | 428  | 387  | 384  | 355  | 364  | 372   |
| 8    | 378                    | 368   | 372  | 351  | 366  | 390 | 367  | 384  | 381  | 366  | 364  | 369   | 394                     | 376   | 334  | 369  | 383  | 402   | 423  | 400  | 386  | 363  | 370  | 377   |
| 9    | 381                    | 372   | 367  | 359  | 373  | 383 | 378  | 377  | 375  | 388  | 362  | 371   | 375                     | 365   | 365  | 338  | 380  | 400   | 415  | 386  | 378  | 388  | 366  | 385   |
| 10   | 363                    | 372   | 378  | 353  | 375  | 380 | 390  | 386  | 369  | 382  | 361  | 368   | 368                     | 369   | 360  | 356  | 391  | 400   | 411  | 393  | 366  | 346  | 365  | 379   |
| 11   | 370                    | 366   | 364  | 341  | 384  | 383 | 392  | 367  | 366  | 315  | 363  | (303) | 380                     | 361   | 356  | 351  | 382  | 386   | 409  | 401  | 360  | 373  | 377  | (314) |
| 12   | 383                    | 359   | 373  | 339  | 372  | 369 | 364  | 387  | 365  | 365  | 368  | 329   | 383                     | 364   | 360  | 351  | 386  | 411   | 407  | 404  | 344  | 371  | 368  | 354   |
| 13   | 375                    | 377   | 395  | 351  | 366  | 363 | 381  | 371  | 360  | 355  | 370  | 374   | 360                     | 365   | 362  | 361  | 396  | 395   | 405  | 397  | 375  | 372  | 328  | 369   |
| 14   | 389                    | 371   | 379  | 352  | 378  | 372 | 398  | 378  | 376  | 358  | 354  | 367   | 385                     | 354   | 373  | 363  | 402  | 397   | 409  | 387  | 393  | 361  | 337  | 364   |
| 15   | 380                    | 377   | 363  | 343  | 341  | 363 | 394  | 387  | 391  | 337  | 358  | 387   | 394                     | 374   | 361  | 354  | 362  | 402   | 381  | 378  | 388  | 367  | 339  | 379   |
| 16   | 370                    | 386   | 356  | 325  | 352  | 383 | 386  | 370  | 367  | 371  | 361  | 372   | 361                     | 402   | 367  | 365  | 375  | 409   | 403  | 377  | 405  | 332  | 364  | 374   |
| 17   | 388                    | 362   | 368  | 375  | 345  | 374 | 428  | 384  | 379  | 360  | 362  | 372   | 385                     | 343   | 366  | 332  | 369  | 386   | 400  | 391  | 386  | 363  | 367  | 388   |
| 18   | 392                    | 353   | 364  | 360  | 357  | 391 | 377  | 382  | 379  | 352  | 355  | 376   | 375                     | 339   | 368  | 360  | 392  | 400   | 398  | 392  | 400  | 357  | 362  | 382   |
| 19   | 381                    | 385   | 383  | 347  | 345  | 384 | 371  | 375  | 375  | 334  | 375  | 379   | 367                     | 372   | 363  | 369  | 380  | 401   | 382  | 390  | 405  | 340  | 372  | 383   |
| 20   | 381                    | 375   | 372  | 335  | 397  | 394 | 378  | 373  | 325  | 346  | 375  | 383   | 373                     | 373   | 363  | 352  | 386  | 420   | 376  | 378  | 391  | 349  | 365  | 387   |
| 21   | 391                    | 363   | 349  | 355  | 369  | 395 | 373  | 368  | 323  | 350  | 381  | 376   | 382                     | 378   | 402  | 343  | 400  | 429   | 396  | 386  | 404  | 322  | 379  | 385   |
| 22   | 389                    | (316) | 357  | 366  | 371  | 392 | 378  | 365  | 358  | 351  | 364  | 376   | 376                     | (314) | 365  | 385  | 386  | 400   | 377  | 396  | 373  | 376  | 368  | 391   |
| 23   | 376                    | 360   | 333  | 355  | 381  | 385 | 391  | 379  | 355  | 373  | 369  | 384   | 389                     | 362   | 372  | 389  | 382  | (456) | 397  | 407  | 380  | 372  | 366  | 383   |
| 24   | 393                    | 327   | 340  | 372  | 384  | 393 | 390  | 343  | 349  | 366  | 360  | 374   | 388                     | 386   | 362  | 392  | 390  | 418   | 398  | 374  | 364  | 380  | 384  | 374   |
| 25   | 373                    | 357   | 323  | 363  | 381  | 388 | 372  | 337  | 337  | 376  | 367  | 366   | 379                     | 366   | 361  | 379  | 393  | 427   | 412  | 364  | 362  | 376  | 380  | 376   |
| 26   | 387                    | 356   | 327  | 378  | 380  | 390 | 377  | 358  | 332  | 375  | 367  | 329   | 381                     | 350   | 356  | 408  | 427  | 395   | 393  | 372  | 364  | 359  | 368  | 383   |
| 27   | 372                    | 354   | 332  | 382  | 374  | 404 | 367  | 370  | 379  | 382  | 367  | 357   | 369                     | 376   | 360  | 406  | 400  | 404   | 408  | 391  | 359  | 380  | 369  | 368   |
| 28   | 392                    | 360   | 351  | 393  | 397  | 404 | 393  | 338  | 356  | 371  | 364  | 356   | 334                     | 328   | 364  | 323  | 410  | 408   | 435  | 379  | 353  | 359  | 365  | 369   |
| 29   | 381                    |       | 325  | 365  | 382  | 397 | 350  | 373  | 344  | 363  | 366  | 354   | 370                     |       | 364  | 396  | 405  | 414   | 403  | 384  | 379  | 379  | 372  | 379   |
| 30   | 391                    |       | 342  | 337  | 373  | 411 | 378  | 367  | 363  | 359  | 363  | 370   | 384                     |       | 361  | 389  | 432  | 420   | 412  | 386  | 375  | 366  | 375  | 377   |
| 31   | 379                    |       | 350  | 390  | 390  | 366 | 357  | 357  | 360  | 360  | 360  | 375   | 366                     |       | 363  | 384  | 384  | 386   | 412  | 386  | 373  | 373  | 366  | 366   |
| Mean | 381                    | 370   | 359  | 357  | 370  | 384 | 382  | 372  | 364  | 361  | 363  | 369   | 376                     | 368   | 361  | 368  | 392  | 405   | 405  | 391  | 380  | 364  | 365  | 377   |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

|    | 9 O'Clock H = 16 000 + |      |      |      |       |     |      |      |       |      |      |      | 14 O'Clock H = 16 000 + |      |      |      |      |     |      |      |      |      |      |      |
|----|------------------------|------|------|------|-------|-----|------|------|-------|------|------|------|-------------------------|------|------|------|------|-----|------|------|------|------|------|------|
|    | 1912                   | Jan. | Feb. | Marz | Apr.  | May | June | July | Aug.  | Sep. | Oct. | Nov. | Dec.                    | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. |
| 1  | 373                    | 359  | 356  | 362  | 357   | 351 | 361  | 326  | 351   | 327  | 354  | 352  | 376                     | 375  | 357  | 376  | 355  | 356 | 376  | 357  | 380  | 353  | 356  | 346  |
| 2  | 359                    | 378  | 357  | 355  | 353   | 345 | 365  | 346  | 352   | 355  | 361  | 347  | 391                     | 372  | 358  | 355  | 379  | 371 | 365  | 375  | 371  | 357  | 322  | 321  |
| 3  | 382                    | 379  | 368  | 357  | 332   | 349 | 363  | 342  | 372   | 344  | 358  | 333  | 384                     | 367  | 370  | 373  | 358  | 358 | 377  | 362  | 371  | 357  | 369  | 334  |
| 4  | 373                    | 374  | 362  | 375  | 323   | 345 | 346  | 352  | 357   | 353  | 343  | 350  | 374                     | 380  | 383  | 407  | 354  | 348 | 392  | 361  | 357  | 369  | 348  | 378  |
| 5  | 381                    | 379  | 362  | 375  | 356   | 348 | 326  | 344  | 355   | 338  | 352  | 341  | 381                     | 374  | 362  | 402  | 379  | 347 | 372  | 369  | 364  | 357  | 370  | 368  |
| 6  | 377                    | 369  | 364  | 340  | 345   | 340 | 351  | 373  | 350   | 339  | 330  | 353  | 377                     | 366  | 366  | 372  | 367  | 345 | 368  | 367  | 394  | 356  | 346  | 338  |
| 7  | 368                    | 364  | 357  | 351  | 353   | 360 | 338  | 334  | 348   | 340  | 335  | 335  | 361                     | 372  | 358  | 373  | 354  | 362 | 366  | 366  | 365  | 377  | 325  | 331  |
| 8  | 385                    | 373  | 367  | 347  | 356   | 349 | 348  | 344  | 340   | 345  | 329  | 320  | 390                     | 376  | 345  | 362  | 358  | 355 | 378  | 380  | 363  | 320  | 338  | 327  |
| 9  | 373                    | 374  | 354  | 369  | 340   | 341 | 330  | 349  | 343   | 307  | 362  | 364  | 383                     | 375  | 336  | 369  | 370  | 363 | 354  | 366  | 364  | 364  | 339  | 349  |
| 10 | 374                    | 364  | 349  | 356  | 352   | 355 | 352  | 348  | 343   | 344  | 350  | 349  | 388                     | 361  | 360  | 352  | 374  | 363 | 359  | 362  | 368  | 365  | 317  | 351  |
| 11 | 370                    | 349  | 355  | 340  | 361   | 343 | 345  | 349  | 345   | 344  | 324  | 365  | 389                     | 374  | 362  | 351  | 363  | 355 | 356  | 366  | 368  | 374  | 323  | 356  |
| 12 | 379                    | 361  | 370  | 353  | 333   | 341 | 353  | 341  | 352   | 347  | 342  | 356  | 377                     | 377  | 362  | 366  | 346  | 374 | 366  | 373  | 379  | 351  | 341  | 334  |
| 13 | 371                    | 355  | 365  | 364  | (293) | 337 | 342  | 351  | 344   | 330  | 334  | 353  | 325                     | 353  | 368  | 354  | 359  | 374 | 371  | 371  | 360  | 369  | 336  | 361  |
| 14 | 351                    | 356  | 363  | 361  | 305   | 353 | 368  | 363  | 362   | 340  | 355  | 364  | 361                     | 356  | 366  | 370  | 353  | 383 | 368  | 377  | 369  | 337  | 316  | 354  |
| 15 | 353                    | 365  | 363  | 312  | 355   | 346 | 346  | 356  | 354   | 313  | 354  | 353  | 363                     | 348  | 360  | 329  | 362  | 353 | 371  | 371  | 406  | 340  | 356  | 348  |
| 16 | 359                    | 370  | 363  | 314  | 343   | 343 | 349  | 341  | 343   | 341  | 327  | 366  | 365                     | 372  | 350  | 365  | 365  | 357 | 358  | 381  | 369  | 357  | 321  | 361  |
| 17 | 364                    | 358  | 372  | 343  | 359   | 348 | 364  | 352  | 353   | 324  | 360  | 361  | 378                     | 376  | 360  | 356  | 372  | 354 | 350  | 362  | 345  | 358  | 370  | 366  |
| 18 | 378                    | 352  | 370  | 343  | 339   | 341 | 347  | 371  | 338   | 335  | 360  | 375  | 349                     | 367  | 365  | 355  | 377  | 369 | 341  | 386  | 352  | 359  | 342  | 364  |
| 19 | 392                    | 363  | 363  | 344  | 347   | 343 | 349  | 362  | 322   | 343  | 339  | 373  | 378                     | 353  | 357  | 369  | 357  | 370 | 361  | 359  | 369  | 356  | 340  | 372  |
| 20 | 376                    | 361  | 354  | 349  | 355   | 358 | 360  | 354  | 331   | 351  | 329  | 373  | 369                     | 365  | 369  | 355  | 353  | 342 | 345  | 372  | 365  | 368  | 344  | 357  |
| 21 | 372                    | 353  | 379  | 352  | 357   | 357 | 337  | 371  | 353   | 346  | 338  | 372  | 368                     | 359  | 367  | 362  | 366  | 358 | 370  | 373  | 351  | 367  | 332  | 353  |
| 22 | 412                    | 364  | 359  | 352  | 347   | 360 | 352  | 344  | 334   | 349  | 340  | 360  | 413                     | 366  | 356  | 356  | 370  | 358 | 366  | 377  | 356  | 375  | 324  | 341  |
| 23 | 365                    | 356  | 362  | 361  | 350   | 347 | 340  | 338  | 342   | 351  | 327  | 358  | 368                     | 370  | 344  | 379  | 366  | 370 | 367  | 380  | 397  | 376  | 322  | 371  |
| 24 | 381                    | 382  | 359  | 364  | 345   | 340 | 356  | 344  | (262) | 352  | 328  | 355  | 350                     | 377  | 361  | 350  | 366  | 365 | 365  | 355  | 359  | 366  | 345  | 358  |
| 25 | 354                    | 366  | 357  | 357  | 351   | 328 | 342  | 358  | 321   | 352  | 328  | 365  | 366                     | 360  | 357  | 352  | 361  | 371 | 372  | 381  |      |      |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1913 | Jan. | Feb.  | Marz  | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan.  | Feb.  | Marz | Apr. | May | June  | July | Aug. | Sep. | Oct. | Nov. | Dec.  |
|------|------|-------|-------|------|-----|------|------|------|------|------|------|------|-------|-------|------|------|-----|-------|------|------|------|------|------|-------|
| 1    | 348  | 351   | 314   | 312  | 340 | 334  | 313  | 333  | 319  | 331  | 310  | 341  | 347   | 310   | 284  | 323  | 358 | 368   | 318  | 362  | 358  | 347  | 318  | 318   |
| 2    | 343  | 343   | 323   | 306  | 328 | 304  | 314  | 336  | 319  | 322  | 290  | 333  | 341   | 344   | 319  | 327  | 395 | 344   | 324  | 358  | 352  | 340  | 281  | 313   |
| 3    | 343  | 352   | 312   | 325  | 341 | 310  | 304  | 340  | 328  | 315  | 300  | 335  | 333   | 339   | 317  | 339  | 348 | 350   | 344  | 341  | 349  | 337  | 295  | 319   |
| 4    | 348  | 297   | 287   | 333  | 346 | 302  | 325  | 336  | 333  | 329  | 310  | 311  | 310   | 347   | 343  | 321  | 354 | 345   | 346  | 346  | 342  | 337  | 309  | 331   |
| 5    | 337  | (385) | 296   | 335  | 303 | 319  | 324  | 348  | 310  | 326  | 320  | 315  | 336   | 341   | 312  | 317  | 343 | 331   | 324  | 338  | 346  | 315  | 320  | 312   |
| 6    | 363  | 352   | 291   | 341  | 314 | 330  | 312  | 335  | 317  | 273  | 325  | 332  | 354   | (400) | 329  | 341  | 332 | 342   | 322  | 338  | 348  | 316  | 282  | 311   |
| 7    | 355  | (398) | 306   | 310  | 313 | 341  | 341  | 355  | 315  | 308  | 328  | 313  | 354   | 347   | 301  | 321  | 367 | 349   | 321  | 362  | 333  | 311  | 326  | 296   |
| 8    | 365  | 352   | 325   | 322  | 300 | 327  | 331  | 329  | 307  | 292  | 303  | 323  | 336   | 333   | 296  | 334  | 331 | 351   | 318  | 348  | 339  | 356  | 326  | 338   |
| 9    | 368  | 347   | 326   | 312  | 308 | 335  | 311  | 320  | 312  | 300  | 301  | 340  | 363   | 340   | 320  | 376  | 329 | 361   | 330  | 312  | 346  | 320  | 316  | 322   |
| 10   | 348  | 367   | 340   | 294  | 317 | 361  | 320  | 327  | 308  | 292  | 320  | 308  | 341   | 333   | 265  | 322  | 347 | 326   | 344  | 321  | 323  | 316  | 318  | 325   |
| 11   | 359  | 351   | 306   | 300  | 351 | 327  | 321  | 331  | 310  | 307  | 320  | 320  | 338   | 372   | 312  | 318  | 330 | 345   | 328  | 320  | 365  | 304  | 313  | 325   |
| 12   | 351  | 330   | 326   | 315  | 338 | 312  | 335  | 325  | 340  | 323  | 332  | 328  | 337   | 326   | 307  | 287  | 330 | 380   | 339  | 326  | 342  | 297  | 332  | 357   |
| 13   | 342  | 304   | 337   | 314  | 304 | 315  | 324  | 333  | 315  | 294  | 322  | 321  | 347   | 304   | 318  | 313  | 323 | 362   | 339  | 329  | 315  | 307  | 316  | 320   |
| 14   | 354  | 340   | 316   | 300  | 333 | 321  | 307  | 302  | 331  | 311  | 332  | 336  | 347   | 293   | 320  | 327  | 357 | 324   | 340  | 343  | 322  | 323  | 321  | 297   |
| 15   | 351  | 310   | 305   | 300  | 311 | 337  | 344  | 318  | 332  | 334  | 320  | 321  | 359   | 307   | 287  | 315  | 341 | 362   | 346  | 350  | 311  | 319  | 306  | 305   |
| 16   | 363  | 324   | 300   | 303  | 342 | 332  | 325  | 338  | 308  | 306  | 314  | 329  | 355   | 313   | 319  | 320  | 373 | 362   | 326  | 337  | 318  | 322  | 317  | 323   |
| 17   | 363  | 347   | 307   | 324  | 352 | 304  | 336  | 334  | 341  | 323  | 332  | 318  | 352   | 326   | 319  | 313  | 334 | 365   | 336  | 331  | 308  | 301  | 338  | 323   |
| 18   | 353  | (393) | 314   | 313  | 353 | 336  | 331  | 294  | 330  | 326  | 323  | 323  | 349   | 353   | 324  | 327  | 357 | 365   | 374  | 336  | 333  | 342  | 321  | 338   |
| 19   | 348  | 327   | 289   | 301  | 332 | 337  | 340  | 308  | 342  | 331  | 329  | 324  | 323   | 349   | 321  | 289  | 337 | 364   | 305  | 322  | 323  | 308  | 336  | 324   |
| 20   | 341  | 328   | 318   | 327  | 355 | 311  | 347  | 331  | 320  | 319  | 330  | 317  | 355   | 345   | 339  | 336  | 340 | 329   | 354  | 341  | 346  | 309  | 340  | (247) |
| 21   | 354  | 351   | 354   | 332  | 329 | 336  | 347  | 333  | 318  | 330  | 332  | 292  | (464) | 350   | 320  | 320  | 335 | (290) | 341  | 327  | 356  | 323  | 338  | 281   |
| 22   | 371  | 315   | (387) | 319  | 319 | 314  | 330  | 310  | 313  | 318  | 332  | 332  | (417) | 330   | 304  | 321  | 350 | 334   | 348  | 359  | 329  | 328  | 338  | 309   |
| 23   | 363  | 330   | 335   | 330  | 326 | 336  | 313  | 343  | 319  | 304  | 316  | 315  | 330   | 310   | 325  | 339  | 336 | 318   | 347  | 340  | 316  | 329  | 317  | 319   |
| 24   | 363  | 322   | 315   | 317  | 335 | 339  | 337  | 325  | 314  | 319  | 329  | 318  | 382   | 329   | 304  | 315  | 342 | (376) | 352  | 329  | 344  | 340  | 340  | 327   |
| 25   | 364  | 333   | 320   | 347  | 345 | 329  | 305  | 320  | 357  | 306  | 339  | 330  | 342   | 308   | 352  | 335  | 338 | 336   | 365  | 362  | 350  | 292  | 331  | 281   |
| 26   | 353  | 321   | 329   | 327  | 344 | 327  | 345  | 324  | 345  | 302  | 340  | 295  | 370   | 308   | 322  | 328  | 343 | 342   | 335  | 347  | 336  | 295  | 342  | 315   |
| 27   | 343  | 319   | 322   | 334  | 331 | 305  | 345  | 331  | 334  | 300  | 342  | 320  | 364   | 302   | 340  | 326  | 343 | 304   | 336  | 366  | 308  | 319  | 329  | 337   |
| 28   | 353  | 325   | 337   | 317  | 331 | 333  | 356  | 317  | 317  | 302  | 345  | 287  | 364   | 278   | 323  | 330  | 338 | 327   | 343  | 342  | 322  | 329  | 321  | 312   |
| 29   | 336  |       | 338   | 292  | 305 | 312  | 341  | 315  | 330  | 345  | 313  | 320  | 360   |       | 315  | 330  | 349 | 321   | 360  | 342  | 351  | 347  | 296  | 300   |
| 30   | 312  |       | 341   | 308  | 301 | 317  | 359  | 321  | 329  | 323  | 308  | 312  | 360   |       | 336  | 343  | 353 | 341   | 352  | 316  | 346  | 318  | 296  | 314   |
| 31   | 341  |       | 326   |      | 330 |      | 332  | 340  |      | 311  |      | 310  | 350   |       | 324  |      | 348 |       | 345  | 365  |      | 330  |      | 323   |
| Mean | 351  | 334   | 318   | 314  | 328 | 325  | 331  | 328  | 324  | 317  | 322  | 320  | 348   | 327   | 317  | 325  | 345 | 344   | 339  | 341  | 336  | 322  | 319  | 317   |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1914 | Jan. | Feb. | Marz | Apr. | May | June | July  | Aug.  | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July | Aug.  | Sep.  | Oct.  | Nov. | Dec.  |
|------|------|------|------|------|-----|------|-------|-------|------|------|------|------|------|------|------|------|-----|------|------|-------|-------|-------|------|-------|
| 1    | 295  | 300  | 317  | 317  | 294 | 297  | 293   | 269   | 293  | 246  | 256  | 240  | 302  | 318  | 301  | 308  | 293 | 295  | 304  | 314   | 306   | 270   | 203  | 286   |
| 2    | 340  | 327  | 326  | 305  | 308 | 278  | 249   | 258   | 234  | 252  | 234  | 251  | 338  | 319  | 332  | 325  | 307 | 311  | 297  | 273   | 292   | 288   | 230  | 272   |
| 3    | 327  | 323  | 329  | 307  | 295 | 277  | 276   | 246   | 266  | 261  | 237  | 258  | 344  | 331  | 307  | 305  | 292 | 319  | 293  | (242) | 304   | 262   | 247  | 269   |
| 4    | 290  | 333  | 315  | 301  | 287 | 270  | 285   | 295   | 286  | 276  | 228  | 261  | 296  | 319  | 305  | 320  | 296 | 275  | 308  | 296   | (347) | 302   | 221  | 244   |
| 5    | 325  | 321  | 307  | 324  | 272 | 273  | 287   | 272   | 269  | 263  | 243  | 261  | 328  | 318  | 331  | 326  | 291 | 298  | 333  | 327   | 275   | (320) | 210  | 260   |
| 6    | 315  | 331  | 321  | 278  | 287 | 290  | 274   | 265   | 279  | 275  | 241  | 220  | 331  | 306  | 338  | 280  | 312 | 338  | 339  | 285   | 296   | 274   | 236  | 224   |
| 7    | 314  | 319  | 336  | 311  | 272 | 280  | 263   | 268   | 259  | 250  | 250  | 248  | 300  | 328  | 341  | 305  | 306 | 288  | 320  | 277   | 294   | 245   | 217  | 274   |
| 8    | 323  | 304  | 301  | 302  | 287 | 293  | 282   | 257   | 274  | 244  | 237  | 257  | 321  | 301  | 302  | 293  | 305 | 307  | 314  | 278   | 290   | 233   | 235  | 248   |
| 9    | 326  | 331  | 317  | 302  | 277 | 293  | 288   | 341   | 271  | 241  | 245  | 261  | 319  | 326  | 310  | 310  | 300 | 304  | 310  | 293   | 282   | 251   | 258  | 250   |
| 10   | 332  | 331  | 291  | 324  | 263 | 267  | 306   | 257   | 270  | 251  | 258  | 248  | 335  | 312  | 351  | 281  | 297 | 308  | 314  | 300   | 272   | 241   | 292  | 252   |
| 11   | 297  | 352  | 288  | 296  | 276 | 277  | 275   | 263   | 282  | 242  | 239  | 250  | 285  | 318  | 301  | 287  | 325 | 315  | 291  | 310   | 298   | 226   | 236  | 244   |
| 12   | 334  | 351  | 304  | 296  | 291 | 285  | 299   | 266   | 277  | 255  | 246  | 253  | 325  | 333  | 332  | 295  | 300 | 312  | 309  | 285   | 262   | 272   | 245  | 265   |
| 13   | 324  | 354  | 337  | 300  | 294 | 286  | 300   | 273   | 284  | 243  | 250  | 214  | 333  | 322  | 329  | 297  | 288 | 287  | 301  | 277   | 268   | 245   | 253  | (204) |
| 14   | 330  | 333  | 311  | 279  | 297 | 272  | 269   | 274   | 276  | 248  | 248  | 234  | 330  | 280  | 306  | 296  | 291 | 290  | 316  | 301   | 279   | 260   | 212  | 250   |
| 15   | 344  | 319  | 290  | 305  | 313 | 300  | 287   | 268   | 271  | 271  | 248  | 234  | 340  | 338  | 301  | 286  | 336 | 287  | 314  | 290   | 294   | 271   | 207  | 250   |
| 16   | 330  | 327  | 290  | 296  | 297 | 290  | 280   | 294   | 300  | 260  | 233  | 262  | 300  | 341  | 295  | 285  | 331 | 294  | 326  | 293   | 282   | 286   | 266  | 275   |
| 17   | 307  | 314  | 310  | 281  | 250 | 287  | 266   | 267   | 269  | 288  | 250  | 250  | 307  | 340  | 329  | 313  | 308 | 310  | 314  | 290   | 282   | 241   | 239  | 250   |
| 18   | 283  | 353  | 310  | 273  | 296 | 272  | 300   | 283   | 259  | 268  | 260  | 262  | 292  | 354  | 303  | 310  | 300 | 318  | 300  | 307   | 278   | 247   | 223  | 263   |
| 19   | 346  | 351  | 306  | 303  | 271 | 266  | 312   | 271   | 233  | 256  | 257  | 258  | 327  | 320  | 329  | 306  | 321 | 319  | 302  | 279   | 284   | 260   | 248  | 260   |
| 20   | 312  | 332  | 305  | 300  | 285 | 269  | 310   | 257   | 259  | 231  | 245  | 304  | 328  | 342  | 310  | 297  | 321 | 314  | 316  | 311   | 274   | 256   | 255  | 218   |
| 21   | 324  | 334  | 306  | 250  | 290 | 275  | 316   | 270   | 252  | 258  | 251  | 243  | 329  | 304  | 329  | 308  | 304 | 304  | 309  | 292   | 272   | 254   | 248  | 247   |
| 22   | 315  | 324  | 325  | 285  | 288 | 290  | 297   | 261   | 256  | 277  | 216  | 262  | 322  | 345  | 310  | 308  | 307 | 319  | 305  | 307   | 240   | 239   | 219  | 264   |
| 23   | 319  | 322  | 326  | 333  | 288 | 264  | (217) | 294   | 266  | 263  | 275  | 250  | 333  | 337  | 351  | 298  | 343 | 306  | 307  | (347) | 262   | 271   | 279  | 254   |
| 24   | 327  | 352  | 314  | 290  | 280 | 294  | 271   | 246   | 266  | 250  | 270  | 286  | 355  | 323  | 325  | 300  | 308 | 303  | 321  | 316   | 264   | 305   | 262  | 272   |
| 25   | 300  | 319  | 290  | 287  | 274 | 304  | 281   | 281   | 272  | 270  | 238  | 242  | 289  | 340  | 316  | 268  | 335 | 337  | 293  | 300   | 253   | 255   | 256  | (203) |
| 26   | 315  | 334  | 306  | 313  | 278 | 293  | 251   | 276</ |      |      |      |      |      |      |      |      |     |      |      |       |       |       |      |       |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1915 | Jan. | Feb. | Marz | Apr. | May | June | July  | Aug.  | Sep.  | Oct.  | Nov.  | Dec. | Jan.  | Feb. | Marz  | Apr. | May   | June  | July | Aug. | Sep.  | Oct. | Nov. | Dec. |
|------|------|------|------|------|-----|------|-------|-------|-------|-------|-------|------|-------|------|-------|------|-------|-------|------|------|-------|------|------|------|
| 1    | 251  | 260  | 220  | 240  | 218 | 245  | 215   | 206   | 214   | 226   | 205   | 256  | 262   | 260  | 231   | 234  | 248   | 260   | 258  | 278  | 243   | 217  | 210  | 269  |
| 2    | 249  | 281  | 225  | 253  | 222 | 262  | 233   | 213   | 224   | 233   | 196   | 256  | 252   | 245  | 219   | 182  | 224   | 244   | 242  | 263  | 233   | 207  | 206  | 261  |
| 3    | 248  | 256  | 216  | 211  | 191 | 243  | (292) | 237   | 219   | 235   | 212   | 258  | 231   | 255  | 220   | 225  | 221   | 226   | 214  | 253  | 252   | 239  | 211  | 217. |
| 4    | 245  | 267  | 218  | 213  | 220 | 252  | 230   | 213   | 225   | 228   | 227   | 257  | 272   | 284  | 223   | 223  | 225   | 253   | 281  | 252  | 229   | 226  | 212  | 253  |
| 5    | 245  | 265  | 222  | 229  | 219 | 233  | 231   | 239   | 250   | 236   | 230   | 218  | 227   | 248  | 251   | 242  | 241   | 254   | 259  | 245  | 243   | 231  | 217  | 235  |
| 6    | 225  | 257  | 233  | 221  | 238 | 240  | (293) | 238   | 213   | 252   | 182   | 176  | 247   | 265  | 242   | 210  | (186) | 279   | 239  | 271  | 235   | 240  | 240  | 254  |
| 7    | 248  | 220  | 207  | 227  | 225 | 236  | 243   | 233   | 207   | 244   | 224   | 204  | 232   | 219  | 209   | 222  | 218   | 259   | 264  | 226  | 247   | 251  | 200  | 223  |
| 8    | 215  | 262  | 214  | 223  | 243 | 239  | 256   | 185   | 221   | 236   | 205   | 235  | 237   | 246  | 173   | 223  | 250   | 211   | 247  | 239  | 251   | 248  | 202  | 223  |
| 9    | 235  | 232  | 189  | 215  | 235 | 245  | 243   | 238   | 218   | 235   | 223   | 216  | 256   | 241  | 182   | 214  | 270   | 258   | 200  | 247  | 257   | 225  | 224  | 221  |
| 10   | 232  | 241  | 219  | 222  | 238 | 254  | 258   | 227   | 213   | 241   | 220   | 242  | 240   | 258  | 201   | 218  | 241   | 255   | 247  | 250  | 250   | 243  | 185  | 259  |
| 11   | 241  | 244  | 207  | 228  | 207 | 240  | 230   | 234   | 230   | 234   | 207   | 228  | 263   | 231  | 216   | 220  | 233   | 262   | 240  | 246  | 229   | 256  | 210  | 259  |
| 12   | 241  | 255  | 221  | 233  | 220 | 202  | 196   | 219   | 252   | 216   | 230   | 188  | 248   | 254  | 223   | 231  | 232   | 291   | 243  | 258  | 254   | 233  | 237  | 188  |
| 13   | 238  | 230  | 211  | 231  | 241 | 210  | 222   | 209   | 248   | 235   | 240   | 254  | 292   | 240  | 237   | 232  | 234   | 263   | 272  | 250  | 266   | 232  | 237  | 239  |
| 14   | 242  | 200  | 219  | 224  | 241 | 235  | 236   | 224   | 234   | 245   | 248   | 241  | 244   | 230  | 239   | 241  | 264   | 254   | 246  | 228  | 249   | 228  | 246  | 259  |
| 15   | 275  | 209  | 222  | 223  | 232 | 237  | 222   | 235   | 244   | (172) | 241   | 228  | 263   | 209  | 216   | 238  | 226   | 244   | 263  | 245  | 249   | 262  | 237  | 187  |
| 16   | 256  | 230  | 220  | 214  | 221 | 235  | 221   | 233   | 243   | 224   | 214   | 229  | 273   | 219  | 219   | 212  | 246   | 276   | 244  | 246  | 244   | 210  | 242  | 216  |
| 17   | 208  | 227  | 231  | 221  | 198 | 219  | 221   | 254   | 232   | 254   | (150) | 224  | (324) | 233  | 188   | 182  | 211   | 258   | 235  | 283  | (295) | 215  | 204  | 236  |
| 18   | 224  | 210  | 238  | 221  | 224 | 204  | 248   | 228   | 218   | 247   | (136) | 244  | 282   | 236  | 219   | 224  | 228   | 200   | 268  | 243  | 215   | 211  | 190  | 229  |
| 19   | 254  | 248  | 231  | 234  | 223 | 198  | 226   | 254   | 226   | 224   | 196   | 221  | 276   | 267  | 203   | 217  | 271   | (195) | 284  | 265  | 230   | 206  | 183  | 220  |
| 20   | 247  | 215  | 200  | 179  | 231 | 197  | 230   | 212   | 184   | 210   | 225   | 227  | 270   | 220  | (165) | 212  | 232   | 231   | 261  | 249  | 233   | 222  | 188  | 243  |
| 21   | 267  | 204  | 212  | 223  | 236 | 205  | 220   | 212   | 228   | 203   | 215   | 250  | 258   | 193  | 200   | 226  | 251   | 226   | 247  | 259  | 244   | 231  | 195  | 194  |
| 22   | 301  | 233  | 202  | 269  | 215 | 203  | 244   | 238   | 196   | 231   | 192   | 247  | 260   | 257  | 215   | 182  | 257   | 211   | 244  | 240  | 258   | 206  | 188  | 239  |
| 23   | 249  | 218  | 241  | 217  | 263 | 233  | 236   | 219   | 210   | 175   | 216   | 255  | 238   | 219  | 230   | 203  | 248   | (191) | 265  | 256  | 233   | 232  | 229  | 257  |
| 24   | 243  | 225  | 221  | 217  | 254 | 212  | 217   | 232   | 165   | 218   | 215   | 246  | (201) | 242  | 203   | 203  | 237   | 215   | 245  | 243  | 271   | 224  | 196  | 268  |
| 25   | 250  | 222  | 195  | 226  | 256 | 214  | 240   | 229   | 212   | 180   | 205   | 234  | 266   | 212  | 220   | 266  | 260   | 257   | 241  | 255  | 233   | 214  | 204  | 198  |
| 26   | 248  | 235  | 239  | 263  | 230 | 217  | 236   | (167) | 226   | 207   | 230   | 227  | 270   | 194  | 212   | 235  | 264   | 238   | 280  | 260  | 227   | 221  | 207  | 207  |
| 27   | 198  | 212  | 216  | 213  | 220 | 229  | 228   | 200   | 172   | 237   | 227   | 260  | 254   | 213  | 227   | 211  | 265   | 249   | 274  | 240  | (188) | 213  | 216  | 241  |
| 28   | 253  | 219  | 224  | 218  | 231 | 220  | 211   | 207   | (131) | 224   | 198   | 266  | 278   | 238  | 225   | 259  | 247   | 277   | 243  | 213  | 212   | 235  | 252  |      |
| 29   | 255  |      | 210  | 221  | 238 | 202  | 215   | 241   | 221   | 217   | 230   | 193  | 269   |      | 227   | 219  | 240   | 255   | 278  | 272  | 196   | 214  | 202  | 260  |
| 30   | 252  |      | 220  | 215  | 236 | 213  | 241   | 251   | 181   | 241   | 228   | 239  | 241   |      | 215   | 226  | 263   | 236   | 265  | 270  | 218   | 230  | 229  | 255  |
| 31   | 218  |      | 200  |      | 242 |      | 228   | 235   |       | 241   |       | 261  | (197) |      | 222   |      | 279   |       | 236  | 255  |       | 254  |      | 252  |
| Mean | 243  | 235  | 218  | 225  | 229 | 226  | 231   | 227   | 218   | 228   | 217   | 235  | 257   | 237  | 217   | 219  | 245   | 247   | 254  | 253  | 239   | 228  | 213  | 236  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1916 | Jan.  | Feb. | Marz | Apr. | May   | June | July  | Aug.  | Sep. | Oct.  | Nov. | Dec. | Jan.  | Feb. | Marz  | Apr. | May   | June  | July  | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|-------|------|------|------|-------|------|-------|-------|------|-------|------|------|-------|------|-------|------|-------|-------|-------|------|------|------|------|------|
| 1    | 225   | 190  | 209  | 190  | 170   | 187  | (132) | 193   | 177  | 185   | 213  | 183  | 226   | 209  | 190   | 234  | 212   | 220   | (171) | 218  | 200  | 224  | 190  | 195  |
| 2    | 242   | 198  | 222  | 189  | 152   | 182  | (128) | 205   | 168  | 166   | 210  | 206  | 222   | 189  | 205   | 206  | 221   | 203   | 235   | 189  | 183  | 222  | 208  | 216  |
| 3    | 244   | 187  | 228  | 185  | 168   | 205  | 196   | 192   | 155  | 190   | 227  | 154  | 231   | 198  | 224   | 223  | 205   | 198   | 223   | 206  | 234  | 201  | 203  | 209  |
| 4    | 254   | 209  | 191  | 196  | 174   | 205  | 153   | 195   | 175  | 206   | 228  | 184  | 231   | 222  | 222   | 219  | 235   | 192   | 205   | 209  | 200  | 206  | 198  | 226  |
| 5    | 222   | 208  | 208  | 217  | 184   | 195  | 183   | 207   | 144  | 195   | 145  | 211  | 218   | 178  | 203   | 224  | 236   | 205   | 251   | 223  | 210  | 210  | 187  | 213  |
| 6    | 224   | 223  | 220  | 226  | 187   | 220  | 170   | 180   | 203  | 140   | 171  | 198  | 232   | 202  | 207   | 193  | 200   | 230   | 215   | 204  | 169  | 219  | 178  | 210  |
| 7    | 240   | 213  | 232  | 214  | 205   | 230  | 203   | (139) | 188  | 158   | 171  | 209  | 226   | 204  | 233   | 195  | 200   | 220   | 207   | 219  | 209  | 176  | 205  | 200  |
| 8    | 248   | 228  | 229  | 219  | 186   | 225  | 211   | 188   | 176  | 170   | 183  | 208  | 228   | 188  | (310) | 185  | 207   | (269) | 208   | 219  | 216  | 204  | 206  | 205  |
| 9    | 228   | 210  | 234  | 214  | 214   | 156  | 207   | 190   | 205  | 208   | 175  | 186  | 206   | 221  | (106) | 232  | 217   | 222   | 185   | 232  | 200  | 200  | 189  | 172  |
| 10   | 250   | 208  | 181  | 206  | 205   | 213  | 202   | 213   | 214  | 210   | 190  | 216  | 258   | 206  | 212   | 202  | 211   | 216   | 222   | 220  | 222  | 213  | 215  | 201  |
| 11   | 216   | 240  | 212  | 204  | (310) | 207  | 191   | 204   | 204  | 195   | 174  | 185  | (172) | 223  | 178   | 204  | 250   | 235   | 221   | 208  | 246  | 209  | 182  | 220  |
| 12   | 226   | 250  | 212  | 194  | 185   | 228  | 180   | 204   | 197  | 200   | 205  | 214  | 214   | 263  | 204   | 220  | (290) | 242   | 226   | 207  | 229  | 215  | 220  | 213  |
| 13   | (154) | 223  | 218  | 195  | 197   | 193  | 194   | 193   | 161  | 151   | 208  | 211  | 235   | 222  | 207   | 215  | 213   | 214   | 225   | 212  | 217  | 225  | 201  | 212  |
| 14   | 223   | 240  | 196  | 194  | 213   | 191  | 180   | 201   | 185  | 143   | 195  | 221  | 226   | 231  | 220   | 211  | 233   | 217   | 236   | 227  | 222  | 209  | 206  | 220  |
| 15   | 200   | 234  | 214  | 182  | 204   | 211  | 193   | 191   | 201  | 230   | 182  | 207  | 229   | 235  | 214   | 206  | 213   | 227   | 228   | 201  | 212  | 198  | 195  | 179  |
| 16   | 191   | 243  | 204  | 202  | 203   | 200  | 208   | 213   | 151  | (135) | 209  | 203  | 194   | 249  | 202   | 227  | 211   | 243   | 223   | 220  | 206  | 218  | 207  | 214  |
| 17   | 248   | 256  | 204  | 181  | 208   | 200  | 211   | 184   | 165  | 194   | 148  | 201  | 220   | 234  | 190   | 216  | 240   | 219   | 188   | 211  | 255  | 201  | 223  | 170  |
| 18   | 229   | 208  | 202  | 158  | 186   | 214  | 162   | 200   | 196  | 191   | 179  | 201  | 250   | 235  | 252   | 206  | 255   | 191   | 218   | 212  | 219  | 207  | 179  | 195  |
| 19   | 256   | 244  | 203  | 174  | 205   | 180  | 197   | 210   | 201  | 185   | 233  | 200  | 228   | 202  | 235   | 191  | 198   | 205   | 188   | 196  | 230  | 180  | 213  | 197  |
| 20   | 257   | 221  | 202  | 213  | 203   | 195  | 191   | 202   | 202  | 202   | 202  | 209  | 238   | 230  | 206   | 180  | 205   | 252   | 228   | 203  | 207  | 207  | 198  | 206  |
| 21   | 230   | 236  | 160  | 222  | 208   | 207  | 214   | 185   | 203  | 195   | 199  | 224  | 226   | 235  | 163   | 220  | 233   | 240   | 247   | 238  | 222  | 205  | 198  | 215  |
| 22   | 237   | 224  | 206  | 186  | 180   | 228  | 200   | 198   | 208  | 214   | 189  | 210  | 200   | 228  | 213   | 211  | 183   | (284) | 208   | 214  | 217  | 172  | 210  | 217  |
| 23   | 204   | 205  | 192  | 197  | 170   | 174  | 210   | 173   | 203  | 188   | 220  | 200  | 180   | 218  | 189   | 224  | 190   | 202   | 205   | 207  | 204  | 188  | 161  | 207  |
| 24   | 211   | 207  | 204  | 218  | 156   | 204  | 224   | 168   | 187  | 202   | 201  | 224  | 212   | 231  | 230   | 220  | 227   | 232   | 247   | 211  | 226  | 163  | 213  | 215  |
| 25   | 211   | 212  | 193  | 211  | 276   | 192  | 236   | 193   | 200  | 165   | 216  | 246  | 194   | 221  | 204   | 231  | 224   | 210   | 254   | 218  | 219  | 200  | 172  | 213  |
| 26   | 223   | 195  | 189  | 202  | 174   | 207  | 191   | 200   | 206  | 195</ |      |      |       |      |       |      |       |       |       |      |      |      |      |      |



9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1917 | Jan. | Feb.  | Marz | Apr.  | May   | June | July  | Aug.  | Sep. | Oct.  | Nov.  | Dec. | Jan.  | Feb.  | Marz  | Apr. | May   | June | July  | Aug.  | Sep. | Oct.  | Nov. | Dec.  |
|------|------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|-------|------|-------|------|-------|-------|------|-------|------|-------|
| 1    | 201  | 170   | 165  | 202   | 155   | 181  | 195   | 140   | 143  | 151   | 138   | 155  | 154   | 176   | 148   | 186  | 178   | 189  | 208   | 195   | 198  | 169   | 146  | 160   |
| 2    | 198  | (231) | 180  | 162   | 145   | 194  | 193   | 169   | 183  | 146   | 187   | 192  | 201   | 149   | 149   | 173  | (244) | 193  | 217   | 201   | 196  | 153   | 162  | 180   |
| 3    | 195  | 175   | 175  | 137   | 139   | 192  | 198   | 166   | 153  | 136   | 167   | 175  | 195   | 209   | 170   | 216  | 222   | 212  | 186   | 176   | 174  | 145   | 171  | 115   |
| 4    | 178  | 184   | 198  | (109) | 156   | 184  | 146   | 171   | 157  | 143   | 195   | 175  | 242   | 184   | (231) | 157  | 171   | 171  | 201   | 173   | 171  | 166   | 164  | 156   |
| 5    | 162  | 183   | 143  | 199   | 126   | 154  | 185   | 182   | 195  | 204   | 178   | 157  | 212   | 171   | 166   | 136  | 175   | 178  | 220   | 176   | 151  | 205   | 179  | 166   |
| 6    | 198  | 160   | 197  | 198   | 165   | 204  | 160   | 179   | 148  | 152   | 188   | 170  | 227   | 175   | 179   | 161  | 185   | 231  | 204   | 165   | 138  | 152   | 173  | 184   |
| 7    | 189  | 171   | 161  | 159   | 153   | 195  | 178   | 192   | 158  | 153   | 187   | 169  | 180   | 174   | 166   | 169  | 191   | 213  | 181   | 200   | 160  | 151   | 195  | 172   |
| 8    | 194  | 152   | 125  | 167   | 180   | 157  | 181   | 144   | 190  | 198   | 152   | 192  | 192   | 165   | 176   | 172  | 202   | 177  | 186   | 177   | 164  | 159   | 175  | 196   |
| 9    | 207  | 167   | 133  | 117   | 177   | 160  | 183   | (062) | 138  | 136   | 176   | 161  | 214   | 196   | 176   | 144  | 174   | 200  | 224   | (138) | 205  | 168   | 188  | 167   |
| 10   | 203  | 156   | 157  | 155   | 172   | 170  | 166   | 127   | 163  | 155   | 180   | 171  | 221   | 191   | 144   | 164  | 175   | 172  | 205   | (141) | 192  | 157   | 200  | 167   |
| 11   | 200  | 186   | 169  | 162   | 177   | 187  | 177   | 134   | 163  | 171   | 190   | 186  | 169   | 162   | 203   | 172  | 193   | 198  | 189   | 161   | 170  | 157   | 198  | 170   |
| 12   | 202  | 167   | 168  | 148   | 188   | 178  | 177   | 165   | 183  | 163   | 160   | 172  | 201   | 163   | 184   | 173  | 179   | 196  | 186   | 156   | 165  | 160   | 165  | 150   |
| 13   | 200  | 199   | 142  | 140   | 200   | 168  | 149   | 122   | 152  | 175   | 165   | 167  | 182   | 172   | 143   | 165  | 182   | 219  | (295) | 193   | 187  | 162   | 167  | 165   |
| 14   | 185  | 200   | 148  | 138   | 191   | 174  | 133   | 161   | 184  | 151   | 194   | 167  | 214   | 197   | 150   | 164  | 182   | 196  | 178   | (610) | 193  | 164   | 172  | 175   |
| 15   | 207  | 188   | 158  | (218) | 190   | 151  | 187   | (035) | 171  | 168   | 168   | 182  | 210   | 204   | 175   | 157  | 189   | 208  | 211   | 190   | 188  | 161   | 173  | 167   |
| 16   | 211  | 176   | 184  | 144   | 212   | 169  | 165   | 144   | 180  | 165   | 164   | 184  | 219   | 167   | 164   | 176  | 185   | 205  | 200   | 205   | 194  | 167   | 162  | 164   |
| 17   | 192  | 186   | 168  | 117   | 162   | 207  | 181   | 147   | 168  | 154   | 172   | 128  | 213   | (122) | 134   | 154  | 197   | 196  | 221   | 203   | 169  | 173   | 139  | (084) |
| 18   | 212  | 193   | 163  | 163   | 186   | 172  | 171   | 155   | 153  | 171   | 190   | 184  | 213   | (126) | 186   | 139  | 204   | 200  | 217   | 178   | 134  | 161   | 176  | 139   |
| 19   | 212  | 169   | 174  | 163   | 188   | 176  | 190   | 175   | 113  | 165   | 165   | 139  | 222   | 142   | 186   | 172  | 196   | 193  | 229   | 181   | 170  | 180   | 146  | 149   |
| 20   | 224  | 168   | 162  | 145   | 185   | 194  | 170   | 163   | 170  | 183   | 180   | 120  | 215   | 164   | 188   | 159  | 193   | 193  | 204   | 226   | 167  | 168   | 174  | 148   |
| 21   | 201  | 185   | 147  | 159   | 173   | 186  | 182   | (067) | 165  | 180   | 161   | 163  | 190   | 173   | 157   | 166  | 200   | 189  | 202   | (375) | 151  | 184   | 191  | 163   |
| 22   | 171  | 174   | 160  | 206   | 162   | 197  | (113) | 107   | 170  | 177   | 191   | 162  | 223   | 166   | 194   | 184  | 213   | 174  | 178   | 204   | 161  | 152   | 190  | 163   |
| 23   | 208  | 163   | 137  | 176   | 174   | 190  | 163   | 155   | 139  | 174   | 194   | 152  | (147) | 179   | 176   | 186  | 219   | 180  | 166   | 161   | 166  | 176   | 192  | 158   |
| 24   | 193  | 163   | 194  | 168   | 135   | 166  | 170   | 158   | 173  | 175   | 181   | 157  | 208   | 190   | 150   | 179  | 210   | 181  | 198   | 185   | 163  | 173   | 172  | 144   |
| 25   | 189  | 178   | 200  | 182   | (083) | 151  | 167   | 161   | 176  | 112   | 189   | 192  | 176   | 177   | 148   | 168  | 132   | 183  | 183   | 157   | 179  | 171   | 188  | 166   |
| 26   | 183  | 159   | 172  | 137   | 146   | 163  | 148   | 115   | 168  | 147   | (108) | 173  | 173   | 177   | 173   | 201  | 189   | 171  | 216   | 160   | 173  | 154   | 163  | 145   |
| 27   | 188  | 166   | 174  | 156   | 185   | 156  | 177   | 151   | 172  | 165   | 144   | 153  | 201   | 187   | 161   | 165  | 219   | 218  | 219   | 196   | 150  | 162   | 161  | 158   |
| 28   | 206  | 171   | 179  | 147   | 190   | 189  | 193   | 141   | 193  | 182   | 145   | 144  | 193   | 164   | 169   | 144  | 158   | 169  | 227   | 180   | 185  | (109) | 141  | 152   |
| 29   | 198  |       | 174  | 174   | 168   | 183  | (113) | 167   | 192  | (095) | 153   | 160  | 219   |       | 174   | 185  | 215   | 202  | (277) | 169   | 166  | 180   | 133  | 148   |
| 30   | 189  |       | 179  | 146   | 147   | 166  | 177   | 166   | 170  | 136   | 168   | 162  | 194   |       | 187   | 197  | 209   | 162  | 223   | 193   | 205  | 143   | 138  | 139   |
| 31   | 190  |       | 170  |       | 185   | 168  | 108   |       | 168  |       |       | 190  | 194   |       | 180   |      | 192   |      | 185   | 164   |      |       |      | 142   |
| Mean | 196  | 174   | 166  | 161   | 165   | 177  | 173   | 155   | 164  | 161   | 174   | 165  | 202   | 176   | 169   | 169  | 194   | 192  | 202   | 182   | 173  | 166   | 170  | 159   |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1918 | Jan.  | Feb. | Marz  | Apr.  | May | June | July  | Aug.  | Sep.  | Oct.  | Nov.  | Dec.  | Jan. | Feb. | Marz | Apr.  | May | June  | July  | Aug.  | Sep.  | Oct.  | Nov. | Dec.  |
|------|-------|------|-------|-------|-----|------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-----|-------|-------|-------|-------|-------|------|-------|
| 1    | 188   | 134  | 124   | 178   | 148 | 169  | 165   | 169   | 132   | 122   | 182   | 179   | 160  | 157  | 134  | 170   | 145 | 159   | 173   | 202   | 181   | 186   | 125  | 168   |
| 2    | 165   | 155  | 137   | 142   | 145 | 185  | 175   | 171   | 120   | 187   | 149   | 147   | 159  | 135  | 155  | 161   | 156 | 166   | 202   | 210   | 190   | 164   | 171  | 159   |
| 3    | 171   | 174  | 147   | 157   | 177 | 172  | 173   | 157   | 141   | 128   | 186   | 128   | 151  | 126  | 163  | 153   | 139 | 161   | 184   | 211   | 197   | 178   | 185  | 165   |
| 4    | 180   | 158  | 133   | 106   | 142 | 180  | 187   | 177   | 144   | 146   | 169   | 176   | 159  | 164  | 131  | 138   | 174 | 188   | 220   | 216   | 204   | 189   | 192  | 158   |
| 5    | 147   | 171  | 147   | 126   | 168 | 157  | 187   | 188   | 156   | 150   | 185   | 186   | 146  | 147  | 167  | 126   | 173 | 183   | 206   | 181   | 196   | 191   | 190  | 190   |
| 6    | 166   | 121  | 168   | 131   | 116 | 165  | 183   | 147   | 151   | 178   | 177   | 191   | 157  | 124  | 173  | (351) | 148 | 175   | 219   | 193   | 215   | 167   | 190  | 194   |
| 7    | 160   | 138  | 142   | 150   | 160 | 174  | 172   | 174   | 156   | 188   | 177   | 167   | 157  | 154  | 163  | 144   | 170 | 187   | 222   | 208   | 179   | 181   | 201  | 178   |
| 8    | 174   | 159  | (082) | 167   | 157 | 165  | 196   | 130   | 141   | 173   | 201   | 172   | 148  | 150  | 129  | 156   | 181 | 158   | 222   | 191   | 185   | 140   | 210  | (427) |
| 9    | 138   | 160  | (091) | 152   | 175 | 177  | 157   | 145   | 159   | 160   | 185   | 145   | 154  | 182  | 142  | 179   | 156 | 192   | 200   | 186   | 200   | 167   | 196  | 157   |
| 10   | 153   | 184  | 158   | 143   | 184 | 166  | 160   | 191   | 165   | 150   | (217) | 150   | 142  | 171  | 185  | 150   | 180 | (386) | 231   | 180   | 200   | 153   | 188  | 138   |
| 11   | 159   | 152  | 148   | 146   | 155 | 132  | 185   | 146   | 188   | 170   | (221) | 167   | 142  | 134  | 158  | 139   | 174 | 240   | 204   | 237   | 210   | 179   | 180  | 213   |
| 12   | 148   | 139  | 118   | 129   | 162 | 126  | 169   | 179   | 163   | 170   | 144   | 178   | 120  | 192  | 193  | 152   | 151 | 162   | 236   | 184   | 190   | 164   | 173  | 162   |
| 13   | 138   | 121  | 116   | 151   | 172 | 165  | 170   | 181   | 166   | 190   | 205   | 188   | 170  | 132  | 159  | 164   | 138 | 161   | (150) | 223   | 181   | 174   | 151  | 148   |
| 14   | 158   | 173  | 126   | 170   | 146 | 175  | 187   | 180   | 160   | 188   | 150   | 175   | 148  | 142  | 164  | 161   | 192 | (248) | 205   | 202   | 162   | 173   | 157  | 154   |
| 15   | 146   | 165  | 160   | 148   | 142 | 141  | 158   | 198   | (228) | 184   | 140   | 193   | 175  | 146  | 170  | 165   | 182 | 200   | 193   | 188   | 236   | 146   | 166  | 162   |
| 16   | 154   | 145  | 122   | 166   | 136 | 173  | 209   | 115   | (245) | 119   | 149   | 163   | 159  | 118  | 176  | 165   | 172 | 167   | 214   | 200   | (258) | (261) | 137  | 165   |
| 17   | 137   | 185  | 159   | 150   | 114 | 169  | 170   | 160   | 107   | (091) | 189   | 170   | 111  | 136  | 137  | 191   | 162 | 167   | 230   | 149   | (273) | 148   | 151  | 156   |
| 18   | 170   | 157  | 145   | 152   | 116 | 151  | (123) | 195   | 187   | 153   | 160   | 200   | 162  | 152  | 125  | 200   | 164 | 214   | 185   | 174   | 206   | 161   | 208  |       |
| 19   | 155   | 160  | 134   | 148   | 158 | 148  | 170   | 165   | 192   | 158   | 177   | 171   | 157  | 153  | 138  | 144   | 192 | 186   | 184   | 190   | 216   | 200   | 162  | 184   |
| 20   | 160   | 144  | 153   | 153   | 153 | 125  | 175   | 152   | 138   | 159   | 177   | 167   | 147  | 145  | 151  | 160   | 177 | (274) | 184   | 190   | 220   | 170   | 177  | 169   |
| 21   | 161   | 143  | 171   | 196   | 119 | 156  | 197   | 163   | (076) | 156   | 176   | 159   | 167  | 147  | 140  | 180   | 193 | 228   | 208   | 183   | 214   | 159   | 140  | 167   |
| 22   | (098) | 134  | 148   | 169   | 136 | 171  | 193   | 183   | 159   | 133   | 196   | 181   | 151  | 130  | 144  | 180   | 172 | 208   | 235   | 189   | 152   | 165   | 184  | 201   |
| 23   | 148   | 141  | 148   | 157   | 162 | 176  | 179   | 150   | 135   | 151   | 203   | 167   | 138  | 160  | 150  | 189   | 181 | 206   | 190   | 172   | 162   | 163   | 157  | 168   |
| 24   | 166   | 166  | 151   | 137   | 160 | 174  | 206   | (105) | 144   | 173   | 152   | 155   | 148  | 120  | 159  | 198   | 195 | 207   | 223   | (107) | (132) | 152   | 171  | 166   |
| 25   | 156   | 129  | 154   | 158   | 150 | 170  | 172   | 130   | 160   | 154   | 132   | (232) | 156  | 159  | 138  | 200   | 200 | 209   | 237   | 187   | 165   | 164   | 152  | 161   |
| 26   | 159   | 124  | 151   | 161</ |     |      |       |       |       |       |       |       |      |      |      |       |     |       |       |       |       |       |      |       |



9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1919 | Jan. | Feb. | Marz  | Apr. | May   | June  | July | Aug. | Sep.  | Oct.  | Nov.  | Dec.  | Jan.  | Feb. | Marz  | Apr.  | May | June  | July  | Aug.  | Sep.  | Oct.  | Nov. | Dec. |
|------|------|------|-------|------|-------|-------|------|------|-------|-------|-------|-------|-------|------|-------|-------|-----|-------|-------|-------|-------|-------|------|------|
| 1    | 183  | 163  | 144   | 148  | 169   | 172   | 151  | 184  | 158   | 146   | 118   | 155   | 167   | 205  | 140   | 154   | 171 | 191   | 182   | 184   | 175   | 164   | 138  | 186  |
| 2    | 143  | 161  | 154   | 128  | 131   | 136   | 154  | 181  | 179   | (070) | 145   | 176   | 168   | 186  | 166   | 149   | 177 | 175   | 172   | 162   | (219) | 144   | 132  | 184  |
| 3    | 173  | 134  | 169   | 144  | (-80) | 156   | 176  | 182  | 124   | (-7)  | 105   | (096) | 182   | 186  | 187   | 155   | 153 | 206   | 177   | 192   | 163   | 119   | 147  | 205  |
| 4    | 160  | 172  | 135   | 106  | 151   | 132   | 148  | 156  | 189   | 147   | 150   | (098) | 194   | 155  | 170   | 110   | 178 | 186   | 168   | 203   | 160   | 168   | 151  | 200  |
| 5    | 133  | 153  | 166   | 157  | 106   | 150   | 172  | 146  | 134   | 182   | 109   | 177   | 170   | 158  | 144   | 137   | 146 | 174   | 161   | 186   | 165   | 204   | 136  | 153  |
| 6    | 145  | 148  | 149   | 180  | 144   | 153   | 157  | 141  | 177   | 134   | 137   | 172   | (098) | 153  | 177   | 151   | 162 | 182   | 173   | 181   | 124   | 139   | 140  | 185  |
| 7    | 155  | 170  | 138   | 115  | 130   | 162   | 147  | 158  | 147   | 121   | 183   | 180   | 141   | 165  | 166   | 144   | 149 | 189   | 192   | 175   | 183   | 173   | 134  | 187  |
| 8    | 181  | 145  | 144   | 168  | 135   | 157   | 152  | 140  | 146   | 132   | 166   | 170   | 164   | 176  | 146   | 163   | 140 | 200   | 183   | 145   | 197   | 157   | 171  | 205  |
| 9    | 161  | 165  | 163   | 122  | 142   | 181   | 128  | 090  | 202   | 157   | 159   | 155   | 161   | 174  | 163   | 135   | 181 | 231   | 184   | 177   | 184   | 146   | 141  | 181  |
| 10   | 187  | 170  | 171   | 124  | 116   | (093) | 164  | 166  | 118   | 144   | 139   | 196   | 175   | 139  | 160   | 143   | 170 | (252) | 155   | 166   | 174   | 162   | 131  | 191  |
| 11   | 197  | 145  | 181   | 136  | 146   | 143   | 159  | 126  | 150   | 136   | 167   | 205   | 179   | 164  | 169   | 169   | 163 | 198   | 180   | 106   | 172   | 155   | 134  | 153  |
| 12   | 205  | 167  | 146   | 121  | 153   | 113   | 152  | 187  | 131   | 189   | 160   | 148   | 200   | 186  | 183   | 181   | 168 | 200   | 165   | 133   | 177   | 174   | 137  | 148  |
| 13   | 130  | 185  | 147   | 158  | 103   | 118   | 169  | 086  | 150   | 130   | 151   | 185   | 195   | 190  | 166   | 133   | 195 | 177   | 190   | (100) | 190   | 156   | 143  | 174  |
| 14   | 172  | 147  | 154   | 152  | 128   | 146   | 141  | 082  | 171   | 143   | 181   | 130   | 152   | 121  | 140   | 150   | 176 | 168   | 132   | 146   | 140   | 158   | 157  | 163  |
| 15   | 175  | 161  | 157   | 144  | 166   | 129   | 152  | 109  | 140   | 155   | 152   | (055) | 169   | 157  | 143   | 168   | 154 | (125) | 178   | 105   | 149   | 165   | 183  | 120  |
| 16   | 181  | 165  | 147   | 178  | 139   | 166   | 168  | 113  | 146   | 140   | 192   | 134   | 194   | 146  | 173   | 132   | 172 | 168   | 197   | 155   | 163   | 161   | 183  | 143  |
| 17   | 144  | 142  | 136   | 134  | 118   | 122   | 180  | 160  | 121   | 132   | 137   | 159   | 161   | 157  | 166   | (300) | 192 | 209   | 198   | 142   | 158   | 166   | 182  | 156  |
| 18   | 161  | 185  | 159   | 179  | 156   | 112   | 125  | 158  | 144   | 130   | 193   | 191   | 201   | 157  | 140   | 164   | 150 | 161   | 164   | 146   | 144   | 168   | 179  | 177  |
| 19   | 183  | 162  | 162   | 155  | 120   | 177   | 174  | 119  | (095) | 168   | 145   | 158   | 141   | 167  | 127   | 145   | 166 | 172   | 200   | 125   | (346) | 159   | 171  | 168  |
| 20   | 193  | 190  | 138   | 165  | 132   | 164   | 158  | 094  | (100) | 168   | 170   | 174   | 139   | 173  | 189   | 147   | 164 | 179   | 181   | 116   | 186   | 162   | 182  | 170  |
| 21   | 171  | 169  | (085) | 145  | 124   | 155   | 200  | 105  | 156   | 158   | 171   | 167   | 185   | 145  | 158   | 170   | 174 | 198   | 206   | 153   | 184   | (356) | 159  | 177  |
| 22   | 174  | 134  | 126   | 127  | 116   | 162   | 170  | 128  | 161   | 171   | (088) | 157   | 195   | 145  | (348) | 151   | 162 | 200   | (234) | 151   | 189   | (333) | 178  | 177  |
| 23   | 173  | 165  | 113   | 140  | 118   | 173   | 140  | 125  | 131   | 162   | 181   | 150   | 190   | 182  | 140   | 123   | 180 | 169   | 138   | 175   | 166   | 141   | 170  | 173  |
| 24   | 143  | 144  | 144   | 161  | 093   | 137   | 138  | 120  | 147   | 155   | 161   | 146   | 189   | 143  | 134   | 131   | 157 | 219   | 156   | 170   | 175   | 195   | 181  | 191  |
| 25   | 164  | 130  | 146   | 155  | (045) | 134   | 180  | 117  | 160   | 178   | 170   | 201   | 182   | 159  | 138   | 117   | 171 | 178   | 194   | 156   | 201   | 152   | 168  | 167  |
| 26   | 195  | 153  | 141   | 165  | 106   | 156   | 140  | 132  | 145   | 200   | 196   | 191   | (229) | 194  | 149   | 171   | 166 | 157   | 173   | 194   | 176   | 196   | 173  | 183  |
| 27   | 179  | 160  | 144   | 181  | 145   | 136   | 141  | 137  | 181   | 157   | 158   | 147   | 169   | 179  | (232) | 161   | 153 | 186   | 176   | 165   | 142   | 107   | 174  | 162  |
| 28   | 178  | 110  | (090) | 174  | 137   | 143   | 158  | 129  | 181   | 120   | 158   | 193   | 196   | 157  | 191   | 141   | 188 | 200   | 170   | (222) | 163   | 107   | 200  | 161  |
| 29   | 177  |      | 147   | 160  | 145   | 156   | 140  | 115  | 152   | 154   | 154   | 167   | 164   |      | 129   | 160   | 164 | 201   | 167   | 155   | 147   | (103) | 192  | 152  |
| 30   | 183  |      | 145   | 151  | 122   | 151   | 146  | 157  | 120   | 103   | (218) | 185   | 168   |      | 120   | 170   | 178 | 176   | 185   | 153   | 144   | (102) | 167  | 160  |
| 31   | 160  |      | 133   | 146  | 146   | 160   | 139  |      |       | 136   |       | 159   | 195   |      | 194   |       | 153 |       | 182   | 171   |       | 120   |      | 166  |
| Mean | 170  | 157  | 149   | 149  | 132   | 148   | 156  | 132  | 150   | 150   | 158   | 168   | 175   | 165  | 156   | 150   | 167 | 187   | 176   | 158   | 168   | 158   | 161  | 172  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1920 | Jan.  | Feb. | Marz  | Apr.  | May   | June  | July  | Aug.  | Sep.  | Oct.  | Nov. | Dec. | Jan. | Feb. | Marz  | Apr.  | May   | June  | July | Aug. | Sep. | Oct.  | Nov.  | Dec.  |
|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|-------|-------|-------|-------|------|------|------|-------|-------|-------|
| 1    | 193   | 149  | 168   | 128   | (048) | 127   | 129   | 156   | 146   | 081   | 122  | 114  | 207  | 163  | 165   | 121   | (079) | 175   | 147  | 133  | 142  | 131   | 134   | 145   |
| 2    | 174   | 150  | 169   | 136   | 145   | 119   | 121   | 137   | 117   | 109   | 090  | 119  | 164  | 160  | 166   | 108   | 169   | 186   | 168  | 157  | 167  | 122   | 127   | 140   |
| 3    | 150   | 141  | 173   | 126   | 094   | 152   | 146   | 142   | 143   | 125   | 113  | 141  | 178  | 168  | 183   | 124   | 144   | 176   | 173  | 167  | 175  | 107   | 102   | 137   |
| 4    | (091) | 170  | 180   | 149   | 132   | 146   | 143   | 154   | 121   | (065) | 101  | 108  | 193  | 171  | 192   | 100   | 172   | 119   | 171  | 143  | 145  | 130   | 104   | 133   |
| 5    | 148   | 164  | 166   | 135   | 138   | 144   | 149   | 128   | 139   | 105   | 125  | 143  | 184  | 176  | 156   | 128   | 162   | 188   | 132  | 146  | 156  | 112   | 117   | 152   |
| 6    | 138   | 168  | 143   | 128   | 153   | 140   | 144   | 152   | 112   | 103   | 098  | 126  | 196  | 181  | 152   | 090   | 153   | 180   | 168  | 162  | 138  | 106   | 129   | 158   |
| 7    | 178   | 177  | 153   | 108   | 138   | 135   | 134   | 159   | 123   | 114   | 150  | 127  | 134  | 162  | 159   | 117   | 173   | 201   | 148  | 167  | 124  | 147   | 137   | 124   |
| 8    | 185   | 167  | 163   | 105   | 148   | 145   | 109   | (188) | 104   | 074   | 129  | 138  | 194  | 160  | 151   | 132   | 143   | 173   | 122  | 166  | 136  | 123   | 141   | 128   |
| 9    | 191   | 157  | 138   | 130   | 176   | 160   | 126   | 138   | (063) | 122   | 109  | 140  | 178  | 162  | 148   | 127   | 173   | 174   | 163  | 164  | 158  | 120   | 152   | 148   |
| 10   | 174   | 164  | 159   | 120   | 115   | 121   | 146   | 105   | (061) | 096   | 170  | 114  | 154  | 173  | 171   | 136   | 164   | 159   | 150  | 166  | 130  | 116   | 134   | 160   |
| 11   | 147   | 182  | 142   | 135   | 145   | (-44) | 164   | 118   | 094   | 111   | 126  | 156  | 182  | 179  | 157   | 130   | 154   | (104) | 179  | 163  | 135  | 139   | 140   | 137   |
| 12   | 163   | 163  | 161   | 108   | 166   | (180) | 116   | 123   | 120   | 115   | 155  | 181  | 159  | 169  | 174   | 124   | 157   | 166   | 193  | 152  | 143  | 110   | 142   | 168   |
| 13   | 165   | 165  | 161   | 128   | (197) | 137   | 118   | 106   | 122   | 113   | 135  | 161  | 169  | 159  | 166   | 120   | 189   | 182   | 154  | 149  | 163  | 152   | 137   | 155   |
| 14   | 164   | 149  | 166   | 127   | 115   | 141   | 125   | 090   | 132   | 114   | 157  | 142  | 183  | 169  | 170   | 118   | 179   | 159   | 167  | 202  | 102  | 147   | 163   | 135   |
| 15   | 172   | 164  | 126   | 132   | 123   | 135   | 140   | 126   | 100   | 113   | 137  | 132  | 178  | 168  | 159   | (468) | 173   | 169   | 202  | 139  | 159  | 134   | 166   | 158   |
| 16   | 148   | 181  | 097   | 114   | 155   | 154   | (088) | 110   | 134   | 124   | 148  | 105  | 158  | 144  | 142   | 117   | 134   | 168   | 170  | 152  | 140  | 136   | 145   | 148   |
| 17   | 167   | 143  | 135   | 123   | 138   | 146   | 113   | 114   | 116   | 119   | 141  | 123  | 156  | 154  | 151   | 124   | 150   | 166   | 153  | 137  | 157  | 118   | 170   | 143   |
| 18   | 160   | 159  | 138   | 136   | 123   | 115   | 160   | 131   | 095   | 127   | 102  | 136  | 140  | 152  | 161   | 117   | 165   | 148   | 210  | 169  | 123  | 133   | 127   | 132   |
| 19   | 171   | 150  | 145   | 095   | 147   | 158   | 132   | 111   | 142   | 140   | 134  | 152  | 157  | 158  | 138   | 128   | 164   | 167   | 145  | 154  | 125  | 124   | 139   | 155   |
| 20   | 168   | 159  | 141   | (073) | 128   | 148   | 139   | 095   | 105   | 101   | 167  | 169  | 175  | 176  | 144   | 169   | 182   | 141   | 159  | 144  | 115  | 142   | 127   | 159   |
| 21   | 164   | 157  | 156   | (070) | 143   | 141   | 150   | 109   | 115   | 120   | 155  | 130  | 148  | 150  | 149   | 114   | 184   | 156   | 198  | 140  | 128  | 145   | 167   | 149   |
| 22   | 153   | 167  | 140   | 105   | 151   | 122   | 134   | 113   | 123   | 146   | 122  | 153  | 145  | 157  | (403) | 098   | 162   | 170   | 159  | 151  | 145  | 149   | 154   | 158   |
| 23   | 164   | 187  | (087) | 116   | 150   | 174   | 158   | 101   | 074   | 109   | 122  | 143  | 153  | 153  | 118   | 124   | 185   | 159   | 198  | 138  | 101  | 159   | 153   | (216) |
| 24   | 142   | 152  | 113   | (055) | 160   | 154   | 114   | 132   | 075   | 167   | 141  | 134  | 161  | 163  | 150   | 111   | 181   | 170   | 142  | 152  | 114  | 142   | 134   | 172   |
| 25   | 153   | 177  | 106   | 132   | 174   | 146   | 150   | 118   | 115   | 164   | 100  | 173  | 158  | 156  | 121   | 128   | (279) | 164   | 164  | 158  | 131  | (192) | (194) | 134   |
| 26   | 155   | 164  | 124   | 103   | 129   | 136   | 155   | 123   | 1     |       |      |      |      |      |       |       |       |       |      |      |      |       |       |       |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1921 | Jan. | Feb. | Marz | Apr.  | May   | June | July | Aug.  | Sep.  | Oct.  | Nov. | Dec.  | Jan.  | Feb. | Marz  | Apr.  | May   | June  | July  | Aug. | Sep. | Oct. | Nov.  | Dec. |
|------|------|------|------|-------|-------|------|------|-------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|------|------|------|-------|------|
| 1    | 146  | 129  | 138  | 149   | 139   | 158  | 127  | 111   | 104   | 123   | 117  | 127   | 189   | 146  | 155   | 132   | 152   | 155   | 166   | 165  | 148  | 142  | 149   | 130  |
| 2    | 165  | 122  | 146  | 120   | 111   | 177  | 130  | 121   | (049) | 127   | 100  | (194) | 144   | 142  | 158   | 146   | (289) | 160   | 168   | 150  | 149  | 096  | 146   | 119  |
| 3    | 151  | 128  | 139  | 159   | 095   | 149  | 137  | 101   | 089   | 124   | 126  | 132   | 153   | 165  | 170   | 153   | (083) | 177   | 149   | 167  | 149  | 127  | 130   | 176  |
| 4    | 143  | 140  | 128  | 127   | 086   | 140  | 138  | 080   | 103   | 120   | 160  | 131   | 128   | 190  | 144   | 130   | 113   | 181   | 139   | 126  | 125  | 144  | 100   | 126  |
| 5    | 120  | 148  | 137  | 125   | 118   | 128  | 141  | 092   | 090   | 124   | 101  | 100   | 111   | 143  | 162   | 156   | 158   | 178   | 153   | 150  | 122  | 126  | 144   | 166  |
| 6    | 138  | 151  | 139  | 120   | 112   | 128  | 112  | 100   | 113   | 105   | 141  | 121   | 145   | 144  | 132   | 146   | 185   | (233) | 167   | 113  | 111  | 130  | 138   | 163  |
| 7    | 158  | 124  | 100  | 124   | 141   | 134  | 133  | 111   | 091   | 126   | 116  | 132   | 149   | 133  | 132   | 154   | 165   | 184   | 133   | 146  | 127  | 144  | 119   | 143  |
| 8    | 120  | 134  | 114  | 131   | 117   | 138  | 138  | 098   | 100   | (-15) | 117  | 104   | 147   | 123  | 136   | 131   | 153   | 166   | (236) | 124  | 116  | 159  | 127   | 121  |
| 9    | 183  | 128  | 121  | 114   | 112   | 141  | 163  | 123   | 075   | 109   | 118  | 087   | 173   | 159  | 148   | 112   | 190   | 168   | 175   | 133  | 145  | 098  | 125   | 135  |
| 10   | 171  | 147  | 107  | 080   | 122   | 098  | 151  | 115   | 101   | 115   | 108  | 121   | 126   | 138  | 112   | 114   | 189   | 145   | 151   | 100  | 157  | 124  | 116   | 140  |
| 11   | 121  | 137  | 126  | 084   | 153   | 104  | 134  | 132   | 142   | 108   | 138  | 151   | 166   | 142  | 116   | 116   | 142   | 142   | 135   | 162  | 164  | 130  | 128   | 141  |
| 12   | 130  | 125  | 138  | 128   | 078   | 142  | 148  | 106   | 123   | 104   | 119  | 106   | 127   | 140  | 142   | 160   | 195   | 139   | 145   | 136  | 161  | 133  | 137   | 129  |
| 13   | 140  | 159  | 143  | (040) | 110   | 118  | 119  | 128   | 143   | 107   | 148  | 112   | 141   | 168  | 150   | 087   | 152   | 159   | 182   | 130  | 137  | 118  | 160   | 093  |
| 14   | 141  | 120  | 156  | 079   | 100   | 100  | 127  | 123   | 125   | 109   | 104  | 110   | 161   | 144  | 170   | 156   | (253) | (209) | 158   | 145  | 154  | 140  | 157   | 148  |
| 15   | 137  | 119  | 136  | 103   | 113   | 120  | 130  | 128   | 130   | 098   | 114  | 120   | (619) | 171  | 154   | 120   | 171   | 143   | 183   | 130  | 164  | 155  | 146   | 139  |
| 16   | 152  | 139  | 097  | 112   | 125   | 105  | 130  | 124   | 126   | 145   | 072  | 109   | 153   | 127  | 134   | 117   | 138   | (251) | 146   | 137  | 150  | 141  | 095   | 088  |
| 17   | 114  | 125  | 136  | 112   | 138   | 113  | 136  | (173) | 119   | 100   | 075  | 113   | 156   | 165  | 140   | 106   | 128   | 152   | 153   | 122  | 159  | 136  | 118   | 121  |
| 18   | 109  | 143  | 121  | 130   | 111   | 115  | 145  | 106   | 135   | 097   | 112  | 142   | 189   | 126  | 143   | 128   | 125   | 140   | 155   | 146  | 153  | 149  | 112   | 136  |
| 19   | 135  | 159  | 115  | 147   | 111   | 080  | 135  | 103   | 112   | 138   | 096  | 143   | 157   | 103  | 143   | 150   | 135   | 138   | 178   | 138  | 144  | 152  | 124   | 129  |
| 20   | 143  | 158  | 173  | 108   | 088   | 132  | 124  | 093   | 129   | 131   | 143  | 121   | 161   | 169  | 153   | 148   | 169   | 148   | 194   | 115  | 154  | 170  | 120   | 155  |
| 21   | 130  | 122  | 133  | (043) | (067) | 101  | 134  | 138   | 115   | 125   | 135  | 144   | 152   | 146  | 169   | 156   | 129   | 142   | 192   | 171  | 115  | 121  | 112   | 148  |
| 22   | 148  | 100  | 079  | 086   | 135   | 104  | 148  | 114   | 120   | 120   | 124  | 126   | 159   | 150  | 103   | 121   | 116   | 131   | 190   | 130  | 129  | 121  | 140   | 154  |
| 23   | 165  | 151  | 124  | 087   | 098   | 133  | 137  | 098   | 102   | 132   | 138  | 138   | 153   | 135  | 133   | 084   | 127   | 157   | 139   | 154  | 140  | 133  | 134   | 139  |
| 24   | 151  | 129  | 129  | 126   | 106   | 132  | 116  | 078   | 112   | 104   | 123  | 097   | 150   | 154  | 145   | 116   | (089) | 168   | 124   | 158  | 105  | 114  | 144   | 143  |
| 25   | 138  | 152  | 148  | 112   | 116   | 127  | 086  | 117   | (164) | 104   | 129  | 170   | 161   | 145  | 128   | 127   | 154   | 150   | 129   | 144  | 125  | 138  | 139   | 147  |
| 26   | 140  | 130  | 123  | 111   | 122   | 135  | 104  | 063   | 124   | 121   | 110  | 157   | 172   | 153  | 165   | 106   | 139   | 160   | 123   | 129  | 147  | 124  | 158   | 156  |
| 27   | 141  | 152  | 129  | 110   | 138   | 102  | 113  | 096   | 112   | 110   | 145  | 137   | 159   | 175  | (086) | 103   | 150   | 167   | 160   | 154  | 134  | 122  | (197) | 156  |
| 28   | 134  | 152  | 134  | 120   | 141   | 133  | 097  | 117   | 109   | 126   | 113  | 110   | 159   | 148  | 130   | 131   | 153   | 137   | 141   | 150  | 155  | 122  | 154   | 111  |
| 29   | 139  |      | 120  | 120   | 140   | 133  | 121  | 127   | 114   | 137   | 100  | 098   | 169   |      | 113   | (220) | 163   | 167   | 195   | 149  | 126  | 097  | 150   | 136  |
| 30   | 148  |      | 111  | 097   | 136   | 123  | 112  | 133   | 126   | 131   | 130  | 137   | 156   |      | 134   | 140   | 159   | 153   | 128   | 136  | 114  | 131  | 148   | 140  |
| 31   | 131  |      | 136  |       | 143   |      | 103  | 129   |       |       |      | 123   | 149   |      | 141   |       | 166   |       | 157   | 121  |      |      |       | 125  |
| Mean | 141  | 137  | 130  | 114   | 118   | 125  | 130  | 113   | 113   | 118   | 119  | 123   | 154   | 148  | 142   | 129   | 152   | 156   | 157   | 140  | 139  | 131  | 133   | 136  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1922 | Jan. | Feb.  | Marz  | Apr. | May   | June  | July  | Aug. | Sep.  | Oct.  | Nov. | Dec. | Jan. | Feb. | Marz  | Apr.  | May | June  | July  | Aug.  | Sep.  | Oct. | Nov. | Dec. |
|------|------|-------|-------|------|-------|-------|-------|------|-------|-------|------|------|------|------|-------|-------|-----|-------|-------|-------|-------|------|------|------|
| 1    | 136  | 082   | 144   | 112  | 114   | 142   | (066) | 089  | 092   | 118   | 053  | 103  | 143  | 129  | 119   | 110   | 128 | 146   | 143   | 139   | 120   | 095  | 089  | 089  |
| 2    | 158  | 129   | 095   | 118  | 112   | 153   | 114   | 134  | 076   | 113   | 066  | 109  | 130  | 102  | 145   | (085) | 158 | 188   | 161   | 154   | 095   | 132  | 084  | 095  |
| 3    | 134  | 112   | 131   | 126  | 140   | 119   | 077   | 125  | 093   | 105   | 117  | 127  | 147  | 125  | 124   | 132   | 145 | 188   | 139   | 152   | 110   | 124  | 111  | 111  |
| 4    | 148  | 101   | 111   | 098  | 130   | 130   | 091   | 108  | 084   | 094   | 073  | 119  | 150  | 135  | 129   | 119   | 137 | 135   | 143   | 139   | 123   | 134  | 109  | 101  |
| 5    | 134  | 124   | 142   | 119  | 129   | (072) | 108   | 100  | 103   | (031) | 114  | 132  | 143  | 132  | 121   | 155   | 153 | 163   | 136   | 115   | 135   | 133  | 080  | 103  |
| 6    | 128  | 092   | 092   | 112  | 101   | 123   | 080   | 121  | 088   | 067   | 086  | 105  | 144  | 100  | 150   | 139   | 153 | (226) | 138   | 139   | 143   | 111  | 104  | 100  |
| 7    | 146  | 113   | 135   | 109  | 110   | 161   | 104   | 115  | 086   | 076   | 096  | 103  | 151  | 127  | 136   | 151   | 132 | 135   | 149   | (179) | 134   | 134  | 104  | 117  |
| 8    | 151  | 138   | 140   | 109  | 090   | 096   | 114   | 116  | 096   | 127   | 100  | 097  | 147  | 136  | 135   | 146   | 114 | 145   | 143   | 138   | 140   | 092  | 092  | 085  |
| 9    | 106  | 135   | 109   | 105  | 131   | 113   | 117   | 064  | 079   | 092   | 106  | 087  | 102  | 117  | 133   | 133   | 150 | 133   | 128   | 146   | 121   | 119  | 123  | 081  |
| 10   | 128  | 100   | 103   | 081  | (055) | 097   | 124   | 096  | 109   | 118   | 112  | 115  | 104  | 121  | 144   | 160   | 133 | 135   | 144   | 165   | 123   | 100  | 121  | 105  |
| 11   | 092  | 133   | (060) | 098  | 121   | 137   | 097   | 121  | 067   | 098   | 091  | 112  | 108  | 129  | 122   | 133   | 155 | 138   | 146   | 111   | 126   | 121  | 088  | 109  |
| 12   | 109  | 155   | 115   | 080  | 105   | 121   | 103   | 071  | 106   | 097   | 136  | 093  | 133  | 125  | 120   | 164   | 132 | 142   | 120   | 100   | 100   | 106  | 116  | 113  |
| 13   | 094  | 104   | 129   | 155  | 131   | 133   | 119   | 100  | 080   | 103   | 115  | 080  | 128  | 139  | 143   | 134   | 142 | 158   | 161   | 132   | 116   | 129  | 121  | 107  |
| 14   | 138  | 137   | 137   | 154  | 140   | 106   | 123   | 087  | (012) | 120   | 097  | 086  | 149  | 112  | 114   | 136   | 133 | 148   | 142   | 134   | (176) | 087  | 118  | 097  |
| 15   | 144  | 164   | 109   | 123  | 102   | 122   | 072   | 159  | 065   | 156   | 115  | 093  | 113  | 122  | 140   | 133   | 148 | 151   | 128   | 123   | 098   | 106  | 113  | 093  |
| 16   | 138  | (052) | 123   | 150  | 118   | 085   | 096   | 096  | 111   | 121   | 095  | 087  | 143  | 130  | 138   | 141   | 137 | 130   | 148   | 143   | 126   | 096  | 121  | 118  |
| 17   | 126  | 094   | 127   | 144  | 101   | 116   | 121   | 095  | 142   | 118   | 102  | 106  | 122  | 116  | 114   | 127   | 155 | 107   | 139   | 133   | 107   | 111  | 100  | 106  |
| 18   | 118  | 151   | 091   | 112  | 110   | 129   | 101   | 111  | 102   | 122   | 078  | 095  | 144  | 123  | 134   | 158   | 150 | 154   | 156   | 148   | 115   | 100  | 098  | 111  |
| 19   | 114  | 131   | 138   | 120  | 116   | 110   | 116   | 113  | 104   | 104   | 141  | 112  | 141  | 126  | 146   | 127   | 147 | 157   | (201) | 136   | 124   | 113  | 102  | 112  |
| 20   | 112  | 137   | 098   | 137  | 103   | 109   | 148   | 118  | 101   | 104   | 078  | 101  | 125  | 150  | 126   | 144   | 133 | 154   | 152   | 122   | 135   | 126  | 112  | 116  |
| 21   | 085  | 140   | 101   | 133  | 142   | 112   | 121   | 090  | 081   | 094   | 096  | 110  | 120  | 122  | 113   | 132   | 138 | 145   | 162   | 126   | 109   | 100  | 125  | 113  |
| 22   | 130  | 120   | 110   | 131  | 125   | 100   | 127   | 095  | 092   | 112   | 066  | 085  | 130  | 130  | 150   | (083) | 140 | 150   | 167   | 174   | 143   | 135  | 117  | 086  |
| 23   | 116  | 129   | 111   | 128  | 131   | 120   | 130   | 062  | 100   | 107   | 080  | 102  | 147  | 147  | 144   | 110   | 118 | 151   | 182   | 104   | 124   | 120  | 110  | 129  |
| 24   | 159  | 134   | 121   | 114  | 114   | 108   | 095   | 052  | 126   | 084   | 093  | 125  | 129  | 138  | 127   | 116   | 169 | 141   | 169   | 102   | 120   | 093  | 112  | 125  |
| 25   | 128  | 137   | 098   | 080  | 126   | 124   | 133   | 050  | 090   | 111   | 106  | 149  | 142  | 174  | (184) | 107   | 163 | 147   | 133   | 112   | 114   | 112  | 112  | 130  |
| 26   | 080  | 156   | 139   |      |       |       |       |      |       |       |      |      |      |      |       |       |     |       |       |       |       |      |      |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1923 | Jan. | Feb.  | Marz  | Apr. | May | June | July | Aug. | Sep.  | Oct. | Nov. | Dec. | Jan. | Feb. | Marz | Apr. | May | June | July  | Aug. | Sep. | Oct. | Nov. | Dec. |
|------|------|-------|-------|------|-----|------|------|------|-------|------|------|------|------|------|------|------|-----|------|-------|------|------|------|------|------|
| 1    | 136  | 100   | 044   | 112  | 120 | 098  | 102  | 095  | 071   | 100  | 116  | 085  | 111  | 116  | 080  | 111  | 136 | 109  | 083   | 112  | 089  | 100  | 116  | 109  |
| 2    | 081  | 089   | 065   | 118  | 116 | 087  | 081  | 105  | 100   | 094  | 081  | 096  | 102  | 104  | 066  | 115  | 115 | 134  | 109   | 103  | 114  | 132  | 064  | 083  |
| 3    | 115  | 073   | 083   | 090  | 092 | 111  | 100  | 097  | 067   | 090  | 056  | 098  | 118  | 087  | 094  | 097  | 128 | 143  | 115   | 127  | 088  | 119  | 083  | 107  |
| 4    | 111  | 108   | 107   | 089  | 096 | 068  | 085  | 057  | 075   | 110  | 079  | 107  | 137  | 085  | 100  | 118  | 122 | 133  | 109   | 104  | 076  | 126  | 096  | 087  |
| 5    | 119  | 084   | 102   | 100  | 137 | 092  | 017  | 103  | 069   | 100  | 101  | 087  | 116  | 112  | 115  | 118  | 107 | 125  | 106   | 135  | 090  | 108  | 087  | 103  |
| 6    | 117  | 089   | 068   | 098  | 117 | 112  | 105  | 130  | 064   | 090  | 095  | 088  | 124  | 113  | 100  | 082  | 120 | 117  | 106   | 144  | 113  | 112  | 103  | 112  |
| 7    | 127  | 093   | 063   | 102  | 109 | 118  | 076  | 078  | 073   | 124  | 072  | 076  | 128  | 121  | 077  | 103  | 114 | 133  | 106   | 117  | 094  | 096  | 115  | 085  |
| 8    | 070  | 083   | 067   | 123  | 111 | 084  | 121  | 107  | 101   | 098  | 069  | 096  | 123  | 097  | 109  | 128  | 109 | 123  | 140   | 115  | 080  | 090  | 081  | 112  |
| 9    | 130  | 093   | 103   | 076  | 110 | 083  | 092  | 092  | 101   | 098  | 069  | 118  | 130  | 104  | 108  | 119  | 104 | 105  | 102   | 140  | 089  | 114  | 085  | 115  |
| 10   | 112  | 100   | 101   | 092  | 147 | 111  | 081  | 105  | 062   | 119  | 081  | 088  | 122  | 076  | 100  | 120  | 097 | 113  | 150   | 123  | 086  | 118  | 066  | 118  |
| 11   | 126  | 105   | 132   | 102  | 107 | 068  | 084  | 120  | 083   | 126  | 124  | 094  | 106  | 098  | 072  | 131  | 115 | 149  | 145   | 105  | 094  | 117  | 103  | 095  |
| 12   | 093  | 086   | 115   | 098  | 089 | 130  | 075  | 102  | 073   | 083  | 103  | 103  | 119  | 107  | 120  | 083  | 110 | 137  | 151   | 105  | 080  | 116  | 116  | 102  |
| 13   | 109  | 090   | 061   | 082  | 122 | 092  | 097  | 080  | 077   | 082  | 082  | 101  | 117  | 097  | 098  | 100  | 136 | 131  | 116   | 125  | 063  | 120  | 080  | 091  |
| 14   | 115  | 109   | 091   | 077  | 088 | 071  | 092  | 093  | 059   | 130  | 070  | 105  | 098  | 089  | 089  | 103  | 124 | 085  | 134   | 081  | 093  | 129  | 091  | 088  |
| 15   | 100  | 086   | 095   | 104  | 094 | 077  | 105  | 102  | 095   | 057  | 094  | 093  | 121  | 081  | 094  | 079  | 080 | 123  | 116   | 103  | 144  | 096  | 088  | 106  |
| 16   | 122  | 110   | 060   | 070  | 109 | 088  | 105  | 073  | 123   | 106  | 112  | 107  | 100  | 109  | 079  | 125  | 123 | 112  | 119   | 104  | 112  | 130  | 111  | 108  |
| 17   | 112  | 104   | 064   | 073  | 103 | 119  | 131  | 065  | 065   | 059  | 112  | 093  | 104  | 110  | 110  | 098  | 114 | 111  | 109   | 069  | 079  | 120  | 115  | 113  |
| 18   | 097  | 129   | 085   | 086  | 046 | 105  | 090  | 066  | 082   | 057  | 143  | 108  | 125  | 094  | 091  | 104  | 095 | 098  | 115   | 083  | 116  | 100  | 123  | 102  |
| 19   | 102  | 095   | 069   | 070  | 050 | 102  | 088  | 100  | 086   | 080  | 069  | 103  | 117  | 090  | 092  | 119  | 095 | 102  | 110   | 110  | 108  | 087  | 131  | 089  |
| 20   | 106  | 095   | 076   | 091  | 107 | 099  | 103  | 090  | 102   | 037  | 113  | 088  | 155  | 083  | 116  | 117  | 097 | 105  | 114   | 088  | 115  | 091  | 132  | 106  |
| 21   | 121  | 083   | 065   | 039  | 106 | 117  | 078  | 085  | 120   | 104  | 124  | 102  | 109  | 100  | 101  | 076  | 101 | 105  | 122   | 123  | 106  | 075  | 123  | 080  |
| 22   | 089  | 072   | 067   | 100  | 088 | 082  | 107  | 095  | 102   | 077  | 096  | 086  | 114  | 090  | 092  | 094  | 123 | 115  | 123   | 103  | 112  | 082  | 135  | 093  |
| 23   | 115  | 090   | 082   | 096  | 086 | 072  | 100  | 075  | (147) | 077  | 079  | 107  | 092  | 101  | 113  | 125  | 116 | 105  | 112   | 098  | 121  | 104  | 116  | 096  |
| 24   | 107  | 091   | 088   | 071  | 105 | 094  | 091  | 075  | 070   | 088  | 078  | 098  | 125  | 071  | 091  | 118  | 144 | 114  | 121   | 082  | 103  | 101  | 083  | 077  |
| 25   | 079  | (146) | 077   | 105  | 124 | 103  | 100  | 056  | 111   | 090  | 117  | 124  | 108  | 079  | 055  | 106  | 091 | 143  | 134   | 090  | 106  | 098  | 100  | 085  |
| 26   | 100  | 062   | (005) | 070  | 100 | 083  | 105  | 100  | 072   | 080  | 082  | 102  | 125  | 119  | 094  | 108  | 104 | 125  | 142   | 114  | 073  | 085  | 089  | 067  |
| 27   | 118  | 053   | 061   | 078  | 106 | 098  | 137  | 074  | 067   | 047  | 108  | 060  | 095  | 078  | 083  | 093  | 110 | 138  | 131   | 102  | 076  | 086  | 105  | 084  |
| 28   | 119  | 069   | 064   | 101  | 136 | 090  | 117  | 068  | 071   | 091  | 062  | 094  | 125  | 112  | 094  | 088  | 119 | 118  | (179) | 101  | 107  | 100  | 081  | 075  |
| 29   | 135  |       | 092   | 112  | 092 | 076  | 111  | 103  | 076   | 072  | 091  | 087  | 106  |      | 126  | 117  | 150 | 102  | 153   | 086  | 095  | 101  | 070  | 079  |
| 30   | 070  |       | 126   | 097  | 069 | 101  | 090  | 085  | 101   | 081  | 065  | 087  | 070  |      | 111  | 098  | 143 | 100  | 141   | 082  | 113  | 095  | 076  | 109  |
| 31   | 080  |       | 116   | 086  | 086 | 098  | 090  | 090  | 071   | 071  | 078  | 078  | 102  |      | 105  | 118  | 118 | 103  | 069   |      | 102  |      | 092  |      |
| Mean | 107  | 090   | 083   | 091  | 102 | 095  | 098  | 089  | 083   | 088  | 091  | 096  | 114  | 097  | 090  | 108  | 115 | 118  | 121   | 105  | 098  | 105  | 099  | 096  |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1924 | Jan. | Feb. | Marz  | Apr. | May   | June | July  | Aug. | Sep. | Oct. | Nov. | Dec. | Jan.  | Feb.  | Marz  | Apr. | May   | June | July | Aug. | Sep.  | Oct. | Nov.  | Dec. |
|------|------|------|-------|------|-------|------|-------|------|------|------|------|------|-------|-------|-------|------|-------|------|------|------|-------|------|-------|------|
| 1    | 114  | 074  | 054   | 064  | 049   | 078  | 107   | 056  | 057  | 026  | 070  | 062  | 081   | 076   | 078   | 086  | 085   | 085  | 097  | 086  | 082   | 100  | 083   | 052  |
| 2    | 089  | 095  | 072   | 066  | 051   | 069  | 026   | 091  | 049  | 052  | 083  | 074  | 113   | 090   | 078   | 095  | 065   | 084  | 102  | 058  | 059   | 072  | 080   | 041  |
| 3    | 106  | 107  | 056   | 067  | 072   | 047  | 019   | 086  | 043  | 051  | 080  | 058  | 092   | 119   | 075   | 090  | 093   | 086  | 083  | 056  | 058   | 071  | 073   | 067  |
| 4    | 063  | 092  | 083   | 100  | (013) | 093  | 079   | 073  | 086  | 063  | 062  | 044  | 109   | 123   | 079   | 120  | 109   | 105  | 088  | 054  | (117) | 078  | 052   | 081  |
| 5    | 065  | 087  | 054   | 044  | 060   | 106  | 041   | 038  | 101  | 080  | 051  | 077  | 076   | 074   | 083   | 089  | 067   | 089  | 061  | 093  | 091   | 054  | 062   | 081  |
| 6    | 106  | 063  | 070   | 106  | 065   | 102  | 041   | 084  | 037  | 050  | 042  | 078  | 091   | 075   | 103   | 079  | 101   | 110  | 098  | 087  | 049   | 061  | 038   | 047  |
| 7    | 093  | 052  | 082   | 078  | 043   | 071  | 078   | 038  | 061  | 060  | 051  | 082  | 089   | 072   | 098   | 070  | 078   | 074  | 093  | 045  | (011) | 059  | 095   | 081  |
| 8    | 091  | 075  | 076   | 060  | 082   | 106  | 028   | 041  | 029  | 027  | 116  | 063  | 097   | 082   | (128) | 081  | 065   | 084  | 083  | 081  | 042   | 070  | 047   | 070  |
| 9    | 065  | 057  | 105   | 036  | 087   | 087  | 066   | 046  | 041  | 019  | 092  | 077  | (017) | 067   | 076   | 073  | 054   | 078  | 043  | 092  | 083   | 054  | 075   | 068  |
| 10   | 073  | 091  | 071   | 060  | (013) | 088  | 047   | 057  | 037  | 034  | 072  | 086  | 076   | 079   | 080   | 075  | 082   | 073  | 071  | 030  | 060   | 076  | 070   | 064  |
| 11   | 055  | 086  | 062   | 073  | 100   | 025  | 054   | 045  | 004  | 070  | 070  | 075  | 105   | 081   | 110   | 077  | 064   | 065  | 097  | 101  | 064   | 057  | 059   | 052  |
| 12   | 087  | 060  | 091   | 063  | 074   | 064  | 074   | 036  | 037  | 094  | 073  | 095  | 102   | 078   | 104   | 070  | 100   | 071  | 095  | 108  | 068   | 082  | 033   | 097  |
| 13   | 114  | 068  | 086   | 101  | 066   | 040  | 063   | 057  | 014  | 044  | 084  | 075  | 100   | 102   | 101   | 088  | 108   | 045  | 071  | 078  | 052   | 096  | 030   | 070  |
| 14   | 123  | 086  | 043   | 060  | 084   | 079  | 048   | 054  | 037  | 041  | 043  | 078  | 056   | 116   | 090   | 068  | 070   | 116  | 083  | 089  | 050   | 063  | 038   | 053  |
| 15   | 109  | 070  | 053   | 080  | 061   | 067  | 062   | 052  | 038  | 038  | 082  | 046  | 101   | 096   | 088   | 065  | 100   | 045  | 087  | 060  | 044   | 077  | 066   | 071  |
| 16   | 108  | 117  | 102   | 079  | 057   | 066  | 060   | 047  | 019  | 076  | 082  | 066  | 096   | (040) | 105   | 095  | 123   | 077  | 063  | 096  | 071   | 065  | 058   | 059  |
| 17   | 085  | 089  | 059   | 072  | 060   | 065  | 066   | 064  | 018  | 029  | 023  | 069  | 103   | 082   | 097   | 073  | 106   | 048  | 100  | 090  | 076   | 070  | 041   | 055  |
| 18   | 105  | 073  | 077   | 107  | 092   | 068  | 074   | 035  | 042  | 072  | 081  | 030  | 101   | 102   | 091   | 097  | 106   | 123  | 125  | 070  | 086   | 033  | 043   | 091  |
| 19   | 081  | 100  | 068   | 082  | 050   | 071  | 045   | (-1) | 033  | 096  | 043  | 063  | 101   | 092   | 074   | 096  | 105   | 088  | 084  | 066  | 074   | 095  | 077   | 081  |
| 20   | 107  | 067  | 042   | 078  | 056   | 052  | 076   | 051  | 055  | 028  | 025  | 049  | 080   | 117   | 051   | 084  | 078   | 121  | 067  | 068  | 043   | 083  | 022   | 034  |
| 21   | 100  | 109  | 037   | 085  | 067   | 062  | (-4)  | 071  | 061  | 055  | 022  | 060  | 102   | 057   | 069   | 065  | 124   | 067  | 072  | 040  | 057   | 097  | 046   | 056  |
| 22   | 092  | 097  | 042   | 044  | (-12) | 091  | 051   | 011  | 062  | 097  | 057  | 044  | 115   | 103   | 078   | 075  | 094   | 088  | 081  | 072  | 044   | 080  | 054   | 045  |
| 23   | 085  | 119  | 052   | 069  | (007) | 045  | 028   | 042  | 057  | 020  | 100  | 035  | 061   | 111   | 064   | 071  | 079   | 088  | 081  | 068  | 071   | 080  | 101   | 058  |
| 24   | 086  | 103  | 033   | 068  | 046   | 061  | 044   | 078  | 025  | (-4) | 049  | 021  | 102   | 093   | 093   | 101  | 058   | 083  | 095  | 083  | 040   | 083  | (004) | 077  |
| 25   | 078  | 060  | (009) | 093  | 085   | 045  | 055   | (-6) | 038  | 040  | 059  | 085  | 109   | 098   | 069   | 059  | (035) | 071  | 081  | 086  | 062   | 041  | 058   | 048  |
| 26   | 079  | 084  | 032   | 047  | 045   | 043  | 040</ |      |      |      |      |      |       |       |       |      |       |      |      |      |       |      |       |      |

9 O'Clock H = 16 000 +

14 O'Clock H = 16 000 +

| 1925 | Jan. | Feb. | Marz  | Apr.  | May   | June | July  | Aug. | Sep.  | Oct.  | Nov.  | Dec.   | Jan.  | Feb.  | Marz | Apr. | May  | June  | July  | Aug.  | Sep.  | Oct.  | Nov.  | Dec. |
|------|------|------|-------|-------|-------|------|-------|------|-------|-------|-------|--------|-------|-------|------|------|------|-------|-------|-------|-------|-------|-------|------|
| 1    | 065  | 088  | (144) | 040   | 047   | 022  | 038   | 028  | 032   | 025   | (072) | -3     | 054   | 060   | 086  | 094  | 042  | 000   | 101   | 062   | 060   | 039   | 048   | 042  |
| 2    | 046  | 071  | 019   | 051   | -7    | 044  | 025   | 028  | 023   | 000   | 011   | 030    | 053   | 015   | 106  | 054  | 043  | -11   | 089   | 074   | 033   | 057   | 037   | 032  |
| 3    | 074  | 055  | 060   | 050   | 066   | 056  | 032   | 025  | 026   | 039   | 023   | -6     | 044   | (-6)  | 081  | 032  | 070  | 058   | 073   | 089   | 092   | 035   | 043   | 061  |
| 4    | 086  | 025  | 046   | 038   | 052   | 037  | 024   | 021  | 052   | 042   | -17   | 054    | 065   | 006   | 048  | 090  | 069  | -3    | 087   | 080   | (119) | 049   | 044   | 060  |
| 5    | 054  | 038  | 010   | 101   | 010   | 050  | 030   | 015  | 045   | 003   | 010   | 032    | 042   | 035   | 036  | 089  | 011  | (-16) | 057   | 069   | 086   | -4    | 052   | 043  |
| 6    | 051  | 042  | 023   | 041   | -3    | 012  | 036   | 022  | 089   | (-37) | 004   | 030    | 050   | 052   | 068  | 074  | 065  | -3    | 053   | 069   | 095   | 038   | 011   | 025  |
| 7    | 076  | 040  | 025   | 033   | 034   | -10  | 039   | 022  | 027   | 035   | -4    | 058    | 064   | 030   | 063  | 097  | 055  | 015   | 064   | 033   | (121) | 031   | 018   | 001  |
| 8    | 051  | 092  | 075   | 025   | 026   | 010  | 034   | 028  | 056   | 007   | 057   | 025    | 050   | 039   | 080  | 068  | 071  | 030   | 068   | 054   | 053   | 037   | 063   | 011  |
| 9    | 077  | 052  | 031   | 077   | 039   | 000  | 046   | 047  | 080   | 004   | 000   | 008    | 049   | 024   | 059  | 090  | 020  | 040   | 078   | 075   | (105) | 032   | 024   | 016  |
| 10   | 067  | 042  | 058   | 080   | 028   | 005  | 049   | 042  | 083   | -14   | -26   | 072    | 076   | 030   | 060  | 052  | 034  | 050   | 071   | 068   | 039   | 010   | -3    | 020  |
| 11   | 066  | 052  | 064   | 044   | 013   | 010  | (-15) | 041  | 046   | -28   | -9    | -1     | 043   | 039   | 042  | 066  | (-5) | 060   | 048   | 076   | 051   | 024   | (-39) | 000  |
| 12   | 065  | 058  | 071   | (093) | 027   | 015  | 055   | 054  | -3    | -11   | -12   | (103)  | 059   | 042   | 043  | 067  | 059  | 050   | 045   | 084   | 022   | 009   | 018   | 010  |
| 13   | 085  | 070  | 075   | 069   | 047   | 020  | 038   | -5   | 026   | (-58) | 000   | 034    | 048   | (102) | 035  | 070  | 077  | 040   | 037   | 051   | 044   | 009   | 015   | 019  |
| 14   | 058  | 079  | 032   | 011   | 013   | 045  | 039   | 048  | (-40) | (-46) | -11   | 049    | 026   | 056   | 050  | 049  | 047  | 029   | 045   | 045   | -2    | (093) | 002   | 001  |
| 15   | 036  | 083  | 049   | 018   | 066   | 010  | -4    | 080  | (-40) | (-44) | 032   | 017    | 058   | 075   | 050  | 062  | 049  | 018   | (111) | 096   | 007   | 009   | 000   | 006  |
| 16   | 074  | 045  | 025   | 032   | 025   | 020  | 048   | 083  | -12   | -20   | -9    | 012    | 081   | 062   | 038  | 021  | 054  | 095   | 061   | 096   | 001   | 036   | -3    | 025  |
| 17   | 083  | 077  | 026   | 057   | 034   | 024  | 062   | 066  | (-21) | 008   | -8    | -7     | 013   | 075   | 057  | 016  | 032  | 017   | 058   | 098   | 023   | 020   | -14   | 007  |
| 18   | 077  | 080  | 032   | 006   | 033   | -5   | 062   | 038  | -14   | 061   | 008   | 014    | 051   | 061   | 071  | 083  | 055  | 070   | 093   | 071   | 008   | 036   | -5    | 044  |
| 19   | 033  | 052  | 035   | 073   | 024   | 006  | 061   | 017  | (-35) | -7    | 000   | 015    | 064   | 052   | 041  | 030  | 052  | 051   | 070   | 071   | (-11) | 014   | 028   | -8   |
| 20   | 017  | 093  | 045   | 008   | -4    | 004  | 047   | 017  | 020   | 002   | 001   | 041    | 015   | 065   | 041  | 019  | 063  | 019   | 086   | 032   | 023   | 003   | -5    | 032  |
| 21   | 032  | 089  | 040   | 028   | 015   | 058  | 038   | 034  | -3    | -33   | 010   | (-33)  | 042   | 079   | 073  | 034  | 054  | 060   | (121) | 066   | (-12) | 034   | 013   | -8   |
| 22   | 080  | 022  | 086   | 038   | 018   | -6   | 013   | 043  | (-39) | -2    | (079) | 047    | 031   | 089   | 060  | 050  | 033  | 063   | (110) | 056   | 045   | 056   | (-43) | 027  |
| 23   | 055  | 108  | 021   | 031   | 005   | 042  | 055   | 034  | -28   | 032   | 019   | 040    | 031   | 100   | 074  | 043  | 065  | 053   | 093   | 107   | 066   | 044   | 033   | 028  |
| 24   | 040  | 088  | 043   | 038   | 049   | -9   | 060   | 041  | 019   | 039   | 040   | 012    | (000) | 064   | 070  | 024  | 046  | 046   | 052   | 087   | 096   | (-25) | 049   | 001  |
| 25   | 033  | 054  | 056   | 000   | 005   | 013  | 050   | 030  | 032   | 063   | 012   | 042    | 028   | 014   | 057  | 016  | 037  | 043   | 089   | 058   | (116) | 070   | -1    | 046  |
| 26   | 061  | 046  | 034   | 034   | 025   | -10  | 046   | 048  | 029   | 003   | 011   | 041    | 011   | 046   | 080  | 024  | 019  | 053   | 081   | 064   | 024   | 014   | 026   | 042  |
| 27   | 061  | 074  | 054   | 071   | 026   | 025  | 046   | 064  | 024   | 026   | 017   | 029    | 068   | 092   | 083  | 032  | 083  | 015   | 073   | 061   | 052   | 034   | 040   | 032  |
| 28   | 061  | 082  | 038   | 049   | 007   | 045  | 044   | 026  | 026   | 002   | 037   | (-155) | 061   | 066   | 078  | 060  | 039  | 023   | 063   | (012) | 044   | 039   | 011   | 028  |
| 29   | 058  |      | 085   | 080   | (-31) | 030  | 046   | 030  | 034   | 027   | 043   | 010    | 040   |       | 089  | 060  | 039  | (107) | 057   | 033   | 012   | 043   | 030   | 034  |
| 30   | 091  |      | 042   | 020   | 022   | 044  | 031   | 046  | 025   | (080) | 004   | 036    | 033   |       | 057  | 057  | (-4) | 048   | 075   | 078   | 020   | 036   | 007   | 026  |
| 31   | 051  |      | 041   |       | 021   |      | 044   | 026  |       |       |       | 039    | 056   |       | 096  |      |      |       | 069   | 056   |       | 041   |       | 017  |
| Mean | 060  | 064  | 045   | 042   | 023   | 020  | 042   | 037  | 025   | 013   | 009   | 023    | 047   | 052   | 064  | 054  | 049  | 043   | 069   | 043   | 031   | 021   | 023   |      |

9 O'Clock H = 15 500 +

14 O'Clock H = 15 500 +

| 1926 | Jan. | Feb.  | Marz  | Apr.  | May | June  | July | Aug. | Sep.  | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Marz  | Apr.  | May   | June | July | Aug. | Sep.  | Oct.  | Nov.  | Dec.  |
|------|------|-------|-------|-------|-----|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|-------|-------|
| 1    | 547  | 538   | 501   | 518   | 500 | 496   | 505  | 500  | 500   | 488   | (417) | 470   | 522   | 463   | 495   | 510   | 516   | 476  | 506  | 480  | 535   | 498   | 488   | 451   |
| 2    | 496  | 492   | 488   | 547   | 521 | 450   | 508  | 501  | 519   | 492   | 436   | 471   | 542   | 501   | 488   | 494   | 489   | 520  | 539  | 519  | (554) | 500   | (426) | 458   |
| 3    | 545  | 519   | 524   | 557   | 514 | 479   | 505  | 506  | 491   | (539) | 471   | 490   | 541   | 459   | 501   | 526   | 534   | 482  | 529  | 528  | 543   | 512   | (428) | 475   |
| 4    | 528  | 484   | 495   | 556   | 486 | (407) | 528  | 507  | 500   | 505   | (417) | 479   | 520   | 430   | 522   | 523   | (602) | 495  | 549  | 537  | 532   | 483   | 433   | 427   |
| 5    | 519  | 477   | 498   | 501   | 484 | (452) | 519  | 500  | 462   | 494   | 474   | 488   | 529   | 472   | 549   | 532   | 508   | 495  | 535  | 530  | 515   | 479   | 458   | 475   |
| 6    | 556  | 510   | 511   | 506   | 460 | 508   | 514  | 491  | 517   | 500   | 438   | 501   | 533   | 477   | 473   | (453) | 554   | 531  | 551  | 523  | 496   | 508   | 434   | 464   |
| 7    | 481  | 523   | 505   | 506   | 467 | 472   | 500  | 482  | 490   | 447   | 497   | 462   | 501   | 507   | 547   | 504   | 533   | 523  | 525  | 484  | 518   | 514   | 484   | 456   |
| 8    | 538  | 507   | 458   | 486   | 490 | 449   | 491  | 475  | 526   | 487   | 462   | 482   | 524   | 473   | 479   | 519   | 514   | 514  | 518  | 518  | 532   | 500   | 466   | 460   |
| 9    | 523  | 504   | 525   | (415) | 500 | 455   | 486  | 478  | 526   | 466   | 443   | 460   | 515   | 458   | 471   | 519   | 520   | 507  | 530  | 531  | 477   | 494   | 483   | 454   |
| 10   | 525  | 510   | (403) | 466   | 447 | 469   | 482  | 481  | 450   | 512   | 473   | 483   | 522   | 507   | 526   | 542   | 490   | 517  | 538  | 507  | 465   | 492   | 482   | 490   |
| 11   | 523  | 499   | 503   | 514   | 465 | 460   | 497  | 487  | 451   | 500   | 450   | 484   | 550   | 517   | 520   | 508   | (585) | 506  | 545  | 502  | 489   | 514   | 441   | 479   |
| 12   | 539  | 489   | 492   | (442) | 480 | 488   | 503  | 491  | 470   | 460   | 494   | (540) | 527   | 542   | 527   | 518   | 545   | 502  | 518  | 496  | 478   | 478   | 493   | 518   |
| 13   | 506  | 492   | 514   | 466   | 492 | 506   | 530  | 481  | 462   | 476   | 484   | 472   | 495   | 465   | 549   | 507   | 519   | 489  | 565  | 496  | 504   | 478   | 487   | 490   |
| 14   | 491  | 541   | 515   | 461   | 465 | (417) | 528  | 472  | 488   | 498   | 495   | 501   | 487   | 533   | 547   | 489   | 512   | 529  | 539  | 491  | 512   | 475   | 504   | 486   |
| 15   | 521  | 493   | 473   | 456   | 490 | 510   | 520  | 480  | 527   | 476   | 473   | 462   | (452) | 467   | 528   | (740) | 500   | 490  | 535  | 485  | 521   | 507   | 493   | 481   |
| 16   | 504  | 479   | 477   | (375) | 528 | 515   | 538  | 485  | 531   | 431   | 494   | 455   | 490   | 500   | 527   | 516   | 511   | 508  | 508  | 508  | 521   | 457   | 505   | (525) |
| 17   | 547  | 494   | 538   | 460   | 491 | 518   | 495  | 486  | 453   | 430   | 489   | 463   | 519   | 451   | 537   | 480   | 503   | 530  | 519  | 532  | 493   | (427) | 491   | 467   |
| 18   | 518  | 463   | 492   | 496   | 487 | 477   | 504  | 487  | 469   | (411) | 457   | 481   | 500   | 473   | 533   | 523   | 497   | 540  | 542  | 508  | 458   | 454   | 489   | 510   |
| 19   | 501  | 504   | 486   | 482   | 504 | 523   | 515  | 488  | 517   | 460   | 490   | 512   | 488   | 467   | 515   | 500   | 508   | 517  | 512  | 504  | 475   | 505   | 494   | 497   |
| 20   | 483  | 510   | (434) | 500   | 487 | 537   | 517  | 490  | 448   | 433   | 502   | 454   | 515   | 506   | (454) | 545   | 530   | 560  | 548  | 517  | 497   | 464   | 466   | 474   |
| 21   | 519  | 539   | 508   | 513   | 484 | 503   | 523  | 492  | 441   | 452   | (538) | 513   | 522   | 528   | 509   | 514   | 554   | 548  | 526  | 491  | 470   | 490   | 511   | 465   |
| 22   | 546  | (439) | 466   | 458   | 491 | 529   | 507  | 494  | 445   | 472   | 483   | 465   | 526   | 493   | 486   | 527   | (581) | 500  | 508  | 526  | 462   | 475   | 479   | 465   |
| 23   | 496  | 498   | 478   | 482   | 542 | 523   | 490  | 485  | 415   | 475   | 484   | 471   | 500   | 487   | 494   | 527   | 521   | 553  | 522  | 490  | 487   | 484   | 508   | 452   |
| 24   | 519  | (380) | 482   | 497   | 530 | 528   | 463  | 493  | 432   | 515   | 501   | 437   | 498   | (866) | 494   | 492   | 509   | 527  | 532  | 513  | 490   | 507   | 500   | 425   |
| 25   | 517  | (431) | 487   | 501   | 500 | 501   | 494  | 493  | (415) | (408) | 477   | 478   | 509   | 491   | 495   | 547   | 521   | 528  | 537  | 532  | 458   | 505   | 483   | 471   |
| 26   | 522  | 493   | 483   | 460   | 520 | 476   | 450  | 495  | 453   | 504   | 511   | 493   | 539</ |       |       |       |       |      |      |      |       |       |       |       |

9 O'Clock H = 15 500 +

14 O'Clock H = 15 500 +

| 1927 | Jan. | Feb. | Marz | Apr. | May   | June | July | Aug.  | Sep.  | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Marz  | Apr. | May   | June  | July  | Aug. | Sep. | Oct.  | Nov. | Dec.  |
|------|------|------|------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|------|------|-------|------|-------|
| 1    | 472  | 495  | 476  | 462  | 484   | 432  | 471  | 476   | 442   | 435   | 454   | 458   | 497   | 452   | 483   | 438  | 517   | 511   | (553) | 513  | 491  | 431   | 451  | 427   |
| 2    | 479  | 469  | 513  | 476  | 429   | 415  | 474  | 453   | 449   | 468   | 446   | 489   | 472   | 487   | 498   | 435  | 493   | 497   | 461   | 490  | 503  | 463   | 437  | 469   |
| 3    | 462  | 486  | 506  | 487  | 460   | 479  | 490  | 449   | 444   | 441   | 450   | 488   | 482   | 522   | 503   | 473  | 530   | 517   | 496   | 487  | 461  | 457   | 444  | 428   |
| 4    | 486  | 468  | 491  | 432  | 444   | 465  | 461  | 468   | 390   | 429   | 485   | 501   | 471   | 456   | 496   | 465  | 495   | 481   | 504   | 513  | 492  | (408) | 491  | 454   |
| 5    | 502  | 477  | 498  | 485  | (275) | 516  | 481  | 429   | 462   | (508) | 458   | 480   | 500   | 463   | 466   | 438  | 444   | 472   | 518   | 503  | 446  | 470   | 451  | 490   |
| 6    | 469  | 486  | 520  | 462  | 470   | 475  | 500  | 468   | (355) | 468   | 485   | 472   | 484   | 466   | 517   | 467  | 464   | 500   | 500   | 464  | 465  | 503   | 456  | 461   |
| 7    | 478  | 463  | 495  | 443  | 460   | 462  | 493  | 484   | 390   | 453   | 457   | 478   | 447   | 456   | 505   | 445  | 443   | 510   | 541   | 470  | 440  | 496   | 450  | 471   |
| 8    | 450  | 515  | 498  | 414  | 490   | 456  | 466  | 461   | 453   | 410   | 474   | 424   | 453   | 484   | 500   | 497  | 510   | 529   | 471   | 483  | 506  | 439   | 449  | 503   |
| 9    | 502  | 496  | 518  | 475  | 436   | 440  | 489  | 471   | 438   | 480   | 460   | 475   | 469   | 485   | 518   | 516  | 455   | 510   | 508   | 503  | 495  | 453   | 462  | 452   |
| 10   | 518  | 497  | 481  | 474  | 458   | 465  | 486  | 450   | 449   | 424   | 444   | 470   | 470   | 473   | (538) | 440  | 455   | 510   | 507   | 493  | 482  | 490   | 462  | 461   |
| 11   | 480  | 498  | 500  | 469  | 483   | 495  | 491  | 486   | 447   | 462   | 434   | 477   | 462   | 478   | 478   | 476  | 475   | 458   | 497   | 475  | 487  | 479   | 453  | 490   |
| 12   | 485  | 496  | 494  | 439  | 478   | 482  | 513  | 486   | 418   | 461   | 435   | 465   | 516   | 465   | 478   | 453  | 456   | 508   | 481   | 487  | 490  | 471   | 432  | 438   |
| 13   | 497  | 512  | 490  | 450  | 481   | 505  | 484  | 460   | 431   | 393   | 473   | 512   | 479   | 445   | 495   | 459  | 509   | 537   | 520   | 458  | 501  | 462   | 458  | 444   |
| 14   | 492  | 456  | 487  | 516  | 492   | 500  | 454  | 459   | 419   | 443   | 470   | 457   | 475   | 475   | 459   | 463  | (398) | (577) | 537   | 480  | 454  | 467   | 486  | 451   |
| 15   | 482  | 469  | 450  | 460  | 532   | 458  | 451  | 453   | 453   | 441   | 499   | (364) | 453   | 497   | 475   | 467  | 518   | 481   | 544   | 491  | 470  | 440   | 464  | (404) |
| 16   | 522  | 488  | 440  | 431  | 467   | 440  | 482  | 432   | 439   | 437   | 488   | 467   | 468   | 520   | 500   | 467  | 455   | 542   | 507   | 497  | 447  | 449   | 512  | 449   |
| 17   | 469  | 460  | 430  | 477  | 471   | 491  | 501  | 438   | 478   | 430   | 488   | 452   | 461   | 431   | 476   | 479  | 492   | 475   | 477   | 491  | 460  | 446   | 488  | 454   |
| 18   | 460  | 501  | 447  | 486  | 460   | 480  | 474  | 447   | 417   | 438   | (517) | 456   | (408) | 477   | 461   | 486  | 531   | 467   | 520   | 512  | 462  | 441   | 470  | 453   |
| 19   | 487  | 514  | 450  | 454  | 436   | 516  | 478  | 467   | 442   | 428   | 426   | 422   | 427   | 484   | 445   | 461  | 529   | 494   | 535   | 493  | 449  | 461   | 427  | 448   |
| 20   | 524  | 528  | 457  | 478  | 420   | 488  | 466  | (386) | 460   | 442   | 483   | 436   | 475   | 527   | 520   | 471  | (546) | 505   | 524   | 527  | 501  | 474   | 436  | 453   |
| 21   | 465  | 523  | 473  | 469  | 477   | 472  | 466  | 424   | 444   | 416   | 428   | 441   | 456   | (400) | 458   | 481  | 495   | 512   | (554) | 455  | 467  | 467   | 425  | 492   |
| 22   | 505  | 519  | 498  | 475  | 468   | 467  | 471  | 423   | 425   | 440   | 469   | 454   | 456   | 479   | 484   | 489  | 494   | 533   | (585) | 477  | 471  | 472   | 442  | 492   |
| 23   | 541  | 469  | 476  | 496  | 450   | 486  | 433  | 415   | 451   | (356) | 443   | 479   | 483   | 487   | 454   | 482  | 512   | 517   | 469   | 488  | 475  | 483   | 441  | 488   |
| 24   | 502  | 483  | 440  | 495  | 460   | 494  | 437  | 435   | 480   | 428   | 453   | 482   | 479   | 500   | 456   | 481  | 509   | 517   | 463   | 458  | 465  | 486   | 467  | 487   |
| 25   | 483  | 493  | 475  | 427  | 461   | 497  | 434  | (398) | 437   | 433   | 446   | (486) | 454   | 480   | 480   | 457  | 509   | 487   | 492   | 457  | 467  | 474   | 473  | 485   |
| 26   | 458  | 487  | 440  | 466  | 502   | 501  | 467  | 465   | 454   | 424   | 472   | 489   | 463   | 473   | 498   | 489  | 477   | 521   | 474   | 478  | 447  | 476   | 484  |       |
| 27   | 467  | 512  | 463  | 460  | 532   | 432  | 429  | 435   | 451   | 436   | 500   | 492   | 503   | 514   | 454   | 500  | 513   | 552   | 502   | 457  | 494  | 470   | 477  | 486   |
| 28   | 466  | 470  | 437  | 433  | 476   | 495  | 433  | 435   | 463   | 450   | 465   | 476   | 490   | 456   | 444   | 481  | 497   | 496   | 479   | 452  | 478  | 467   | 456  | 486   |
| 29   | 498  |      | 453  | 500  | 476   | 481  | 456  | 473   | 426   | 427   | 480   | 458   | 497   | 497   | 488   | 497  | 517   | 517   | 503   | 452  | 444  | 490   | 487  |       |
| 30   | 507  |      | 459  | 436  | 431   | 449  | 463  | (343) |       | 476   | 455   | 418   | 504   | 465   | 481   | 488  | 490   | 465   | 465   | 457  | 500  | 482   | 488  |       |
| 31   | 495  |      | 450  | 452  | 474   | 401  | 457  |       |       | 457   | 476   | 476   | 477   | 477   | 446   | 483  | 509   | 507   | 507   | 454  | 460  | 482   | 488  |       |
| Mean | 483  | 487  | 474  | 464  | 468   | 475  | 470  | 452   | 440   | 440   | 465   | 468   | 470   | 479   | 480   | 471  | 494   | 505   | 501   | 485  | 473  | 465   | 460  | 466   |

9 O'Clock H = 15 500 +

14 O'Clock H = 15 500 +

| 1928 | Jan. | Feb.  | Marz  | Apr. | May   | June  | July  | Aug. | Sep. | Oct.  | Nov.  | Dec.  | Jan.  | Feb. | Marz  | Apr. | May   | June  | July  | Aug.  | Sep.  | Oct.  | Nov. | Dec. |
|------|------|-------|-------|------|-------|-------|-------|------|------|-------|-------|-------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|------|------|
| 1    | 497  | 469   | 480   | 469  | 450   | 455   | 500   | 425  | 450  | 456   | 445   | 439   | 491   | 432  | 486   | 439  | 445   | 478   | 521   | 463   | 497   | 458   | 412  | 452  |
| 2    | 464  | 444   | 447   | 438  | 455   | 420   | 451   | 463  | 412  | 440   | 414   | 484   | 477   | 472  | 464   | 440  | 448   | 434   | 491   | 478   | 466   | 483   | 439  | 457  |
| 3    | 492  | 455   | 439   | 494  | 439   | 437   | 420   | 439  | 447  | 457   | 403   | 447   | 495   | 455  | 431   | 444  | 441   | 463   | 476   | 447   | (535) | (519) | 426  | 455  |
| 4    | 473  | 464   | 460   | 432  | 457   | 439   | 460   | 436  | 437  | 458   | 420   | 466   | 492   | 428  | 455   | 442  | 478   | 428   | 500   | (534) | (533) | (514) | 404  | 436  |
| 5    | 502  | 489   | 479   | 439  | 450   | 461   | 491   | 450  | 461  | 456   | (378) | 433   | (390) | 461  | 468   | 441  | (394) | 450   | (539) | (539) | 457   | 463   | 409  | 465  |
| 6    | 477  | 462   | 436   | 460  | 431   | 451   | 481   | 452  | 411  | 445   | 397   | (393) | 480   | 450  | 437   | 458  | 435   | 459   | 505   | 458   | 449   | 473   | 425  | 427  |
| 7    | 464  | 461   | 484   | 438  | 436   | 415   | 454   | 425  | 444  | 451   | 452   | 423   | 479   | 453  | 464   | 439  | 455   | 435   | 457   | 435   | 464   | 452   | 426  | 439  |
| 8    | 481  | 459   | 469   | 455  | 390   | 428   | (629) | 439  | 396  | 460   | 432   | 417   | 446   | 446  | 487   | 467  | 435   | 460   | (396) | 492   | 480   | 464   | 433  | 420  |
| 9    | 473  | 482   | 460   | 442  | 475   | 439   | (320) | 447  | 453  | 433   | 434   | (371) | 480   | 455  | 498   | 474  | 446   | (409) | (538) | 454   | 505   | 447   | 454  | 449  |
| 10   | 431  | 479   | 450   | 411  | 435   | 449   | 431   | 445  | 451  | 450   | 429   | 436   | 491   | 451  | 440   | 467  | 437   | 435   | 476   | 483   | 504   | 459   | 434  | 467  |
| 11   | 456  | 438   | 476   | 397  | 429   | 445   | 403   | 464  | 452  | 452   | 424   | 422   | 459   | 421  | (518) | 435  | 464   | 469   | 446   | 445   | 485   | 456   | 429  | 433  |
| 12   | 436  | 487   | 483   | 449  | 429   | 448   | 420   | 438  | 486  | 440   | 407   | 428   | (386) | 453  | 445   | 448  | 466   | 448   | 476   | 434   | 483   | 450   | 404  | 437  |
| 13   | 491  | 445   | 441   | 420  | 418   | 424   | 444   | 456  | 492  | 444   | (372) | 437   | 491   | 425  | 445   | 452  | 414   | 496   | 422   | 482   | 502   | 438   | 446  | 438  |
| 14   | 475  | 455   | (375) | 435  | (370) | 457   | 448   | 434  | 455  | 454   | 422   | 457   | 462   | 434  | 408   | 472  | 466   | 454   | 472   | 454   | 455   | 459   | 409  | 430  |
| 15   | 447  | 463   | (398) | 469  | 410   | 448   | 440   | 425  | 446  | 482   | 442   | 440   | 433   | 440  | 426   | 440  | 458   | 517   | 438   | 476   | 455   | 502   | 450  | 412  |
| 16   | 465  | (398) | 447   | 402  | 434   | 437   | 447   | 441  | 447  | 446   | 451   | 465   | 450   | 437  | 451   | 405  | 431   | 492   | 443   | 457   | 439   | 434   | 466  | 455  |
| 17   | 446  | 450   | 425   | 417  | 418   | 449   | 456   | 494  | 460  | 437   | 410   | 463   | 479   | 428  | 467   | 430  | 425   | 456   | 497   | 457   | 494   | 448   | 436  | 479  |
| 18   | 442  | 459   | 500   | 431  | 441   | 466   | 429   | 446  | 441  | 381   | 438   | 448   | 462   | 412  | 492   | 472  | 446   | 487   | 507   | 449   | 470   | 502   | 437  | 434  |
| 19   | 448  | 459   | 464   | 419  | 426   | 420   | 417   | 460  | 431  | (368) | 440   | 450   | 456   | 427  | 460   | 463  | 411   | 480   | 445   | 493   | 432   | (397) | 466  | 469  |
| 20   | 427  | 442   | 451   | 400  | 455   | 439   | 461   | 492  | 412  | 397   | 437   | 441   | 429   | 432  | 448   | 440  | 474   | 497   | 452   | 486   | 457   | 434   | 452  | 462  |
| 21   | 440  | 442   | 465   | 424  | 414   | 426   | 462   | 470  | 442  | 423   | 460   | 454   | 478   | 426  | 462   | 437  | 495   | 491   | 457   | 487   | (415) | 435   | 456  | 455  |
| 22   | 460  | 461   | 437   | 446  | 432   | (274) | 429   | 470  | 437  | 409   | 469   | 457   | 436   | 459  | 466   | 458  | 491   | (541) | 487   | 463   | 440   | 440   | 467  | 488  |
| 23   | 472  | 482   | (391) | 441  | 460   | 441   | 442   | 494  | 412  | 408   | 451   | 473   | 441   | 428  | 463   | 449  | 466   | 475   | 471   | 486   | 435   | 455   | 435  | 455  |
| 24   | 444  | 446   | 473   | 458  | 475   | 465   | 461   | 440  | 455  | 426   | 469   | 473   | 454   | 425  | 412   | 448  | 465   | 516   | 463   | 474   | 471   | 424   | 443  | 439  |
| 25   | 454  | 459   | 467   | 467  | 437   | 443   | 474   | 455  | 436  | 422   | 450   | 473   | 470   | 431  | 464   | 466  | 473   | 502   | 488   | 466   | 518   | 432   | 429  | 477  |
| 26   | 472  | 461   | 428   | 4    |       |       |       |      |      |       |       |       |       |      |       |      |       |       |       |       |       |       |      |      |



9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1929 | Jan. | Feb.  | Marz  | Apr.  | May | June | July  | Aug.  | Sep.  | Oct.  | Nov.  | Dec.  | Jan. | Feb. | Marz  | Apr. | May | June   | July   | Aug.   | Sep. | Oct. | Nov. | Dec. |
|------|------|-------|-------|-------|-----|------|-------|-------|-------|-------|-------|-------|------|------|-------|------|-----|--------|--------|--------|------|------|------|------|
| 1    | 958  | 929   | 900   | 917   | 920 | 908  | 960   | 942   | 901   | 913   | 949   | 933   | 965  | 942  | 915   | 931  | 952 | (892)  | 923    | 966    | 949  | 923  | 950  | 929  |
| 2    | 943  | 929   | 901   | 906   | 940 | 939  | 942   | 884   | 890   | 930   | 898   | 946   | 941  | 924  | 934   | 951  | 966 | 985    | 941    | 958    | 937  | 930  | 943  | 952  |
| 3    | 932  | 950   | 932   | 894   | 909 | 934  | (864) | 906   | 928   | 933   | (862) | 929   | 962  | 960  | 914   | 937  | 976 | 969    | (1013) | 987    | 945  | 950  | 932  | 947  |
| 4    | 936  | 912   | 921   | 897   | 898 | 930  | (973) | (976) | 897   | 927   | 877   | (865) | 925  | 968  | 944   | 937  | 952 | 985    | 949    | 965    | 942  | 932  | 909  | 967  |
| 5    | 949  | 957   | (970) | 943   | 922 | 916  | 939   | 901   | 875   | 937   | 904   | (837) | 941  | 945  | 964   | 939  | 925 | 957    | 944    | 981    | 938  | 938  | 909  | 962  |
| 6    | 944  | 928   | 923   | 924   | 906 | 938  | 932   | 917   | 889   | 969   | 903   | 880   | 951  | 949  | 972   | 971  | 907 | 968    | 949    | 960    | 938  | 937  | 920  | 962  |
| 7    | 957  | 930   | 931   | 948   | 891 | 933  | 916   | 907   | 907   | 955   | 892   | 914   | 952  | 916  | 934   | 958  | 909 | 961    | 916    | 967    | 915  | 956  | 924  | 926  |
| 8    | 943  | 925   | 918   | 918   | 891 | 903  | 895   | 966   | 897   | 881   | 887   | 937   | 935  | 934  | 960   | 961  | 938 | 972    | 955    | 943    | 911  | 923  | 913  | 906  |
| 9    | 916  | 912   | 919   | 922   | 921 | 949  | (870) | 907   | 892   | 900   | 930   | 903   | 958  | 902  | 940   | 928  | 903 | 939    | 945    | 945    | 924  | 923  | 952  | 914  |
| 10   | 941  | 931   | 946   | 939   | 905 | 882  | 876   | 917   | (819) | 879   | 923   | 957   | 938  | 944  | 947   | 924  | 964 | (1016) | 979    | 968    | 915  | 922  | 913  | 953  |
| 11   | 953  | 930   | 946   | 924   | 893 | 902  | 920   | 963   | (836) | 910   | 902   | 942   | 975  | 923  | 959   | 950  | 938 | 957    | 933    | (1031) | 900  | 926  | 917  | 946  |
| 12   | 948  | 942   | (706) | 926   | 953 | 938  | (867) | 938   | 850   | 897   | 914   | 933   | 980  | 920  | 938   | 947  | 914 | 973    | 928    | 981    | 914  | 938  | 936  | 926  |
| 13   | 962  | 942   | (850) | 949   | 900 | 910  | 919   | 944   | 892   | 914   | 948   | 937   | 971  | 950  | 917   | 949  | 982 | 929    | 933    | 968    | 909  | 912  | 940  | 951  |
| 14   | 953  | 924   | 901   | 948   | 884 | 947  | 951   | 916   | 905   | 916   | 938   | 951   | 984  | 932  | 924   | 960  | 933 | 942    | 929    | 998    | 949  | 948  | 909  | 961  |
| 15   | 953  | 957   | 901   | 936   | 902 | 935  | 911   | (868) | 895   | 928   | 902   | 968   | 962  | 943  | 952   | 962  | 924 | 930    | 938    | 950    | 900  | 941  | 927  | 947  |
| 16   | 962  | 941   | 864   | (855) | 874 | 940  | 878   | 898   | 881   | 945   | 873   | 934   | 946  | 948  | (870) | 949  | 922 | 963    | 976    | 973    | 907  | 944  | 883  | 957  |
| 17   | 957  | 942   | (855) | 885   | 897 | 960  | 892   | 923   | 888   | 898   | 932   | 922   | 934  | 985  | 913   | 950  | 905 | 965    | 989    | 989    | 931  | 917  | 943  | 937  |
| 18   | 947  | 904   | 881   | 898   | 885 | 930  | 886   | 936   | 905   | 904   | 932   | 938   | 951  | 955  | 950   | 944  | 909 | 945    | 989    | 970    | 935  | 929  | 958  | 912  |
| 19   | 944  | 900   | 909   | 904   | 924 | 954  | 902   | 940   | 905   | (860) | 959   | 891   | 950  | 993  | 931   | 950  | 916 | 958    | 944    | 950    | 909  | 949  | 928  | 945  |
| 20   | 944  | 940   | 922   | 921   | 936 | 943  | 934   | 937   | 900   | 921   | 932   | 932   | 964  | 938  | 945   | 953  | 907 | 950    | 1001   | 973    | 931  | 898  | 945  | 939  |
| 21   | 935  | 951   | 887   | 940   | 918 | 950  | 941   | 930   | 900   | 896   | 937   | 918   | 941  | 940  | 903   | 947  | 926 | 976    | 934    | 979    | 916  | 924  | 977  | 921  |
| 22   | 947  | 939   | 883   | 916   | 923 | 909  | 902   | 927   | 895   | 904   | 960   | 931   | 924  | 948  | 958   | 922  | 964 | 986    | 961    | 1000   | 892  | 917  | 963  | 937  |
| 23   | 928  | 947   | 888   | 914   | 895 | 941  | 945   | 984   | 890   | 925   | 942   | 907   | 948  | 926  | 924   | 955  | 988 | 1005   | 952    | 998    | 914  | 926  | 934  | 900  |
| 24   | 921  | 952   | 907   | 910   | 876 | 924  | 945   | 905   | 911   | 924   | 970   | 927   | 949  | 962  | 924   | 929  | 973 | 959    | 1000   | 955    | 949  | 919  | 955  | 924  |
| 25   | 926  | 933   | 889   | 913   | 937 | 969  | 914   | 932   | 951   | 909   | 929   | 940   | 950  | 957  | 950   | 959  | 915 | 970    | 924    | 942    | 921  | 927  | 941  | 927  |
| 26   | 953  | 929   | 938   | 914   | 930 | 940  | 943   | 895   | 927   | 944   | 971   | 936   | 931  | 977  | 948   | 951  | 961 | 939    | 975    | 946    | 938  | 945  | 989  | 945  |
| 27   | 953  | 937   | 937   | 895   | 925 | 923  | 925   | 911   | 949   | 918   | 945   | 955   | 950  | 972  | 946   | 938  | 914 | 1006   | 954    | 947    | 927  | 936  | 957  | 884  |
| 28   | 937  | (856) | 949   | 935   | 938 | 939  | 950   | 886   | 924   | 921   | 938   | 941   | 953  | 944  | 941   | 976  | 936 | (1014) | 948    | 896    | 939  | 934  | 941  | 932  |
| 29   | 934  |       | 944   | 909   | 966 | 916  | 908   | 914   | 938   | 952   | 907   | 965   | 955  | 975  | 975   | 952  | 952 | 945    | 954    | (873)  | 919  | 930  | 947  |      |
| 30   | 936  |       | 932   | 898   | 951 | 922  | 919   | 895   | 934   | 956   | 945   | 938   | 941  |      | 918   | 956  | 966 | 968    | 998    | 956    | 922  | 945  | 939  | 917  |
| 31   | 932  |       | 934   |       | 906 |      | 927   | 882   |       | 963   |       | 920   | 964  |      | 947   |      | 951 |        | 908    |        |      |      |      | 950  |
| Mean | 944  | 934   | 913   | 920   | 914 | 928  | 925   | 919   | 904   | 922   | 924   | 931   | 951  | 946  | 940   | 949  | 938 | 963    | 952    | 968    | 925  | 932  | 936  | 936  |

9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1930 | Jan.   | Feb.  | Marz  | Apr.  | May    | June | July | Aug.  | Sep. | Oct. | Nov.  | Dec. | Jan. | Feb. | Marz  | Apr.  | May    | June  | July   | Aug.  | Sep.   | Oct.  | Nov.  | Dec. |
|------|--------|-------|-------|-------|--------|------|------|-------|------|------|-------|------|------|------|-------|-------|--------|-------|--------|-------|--------|-------|-------|------|
| 1    | 953    | 886   | 891   | 891   | 888    | 886  | 927  | 917   | 896  | 918  | 924   | 933  | 942  | 911  | 914   | 926   | (898)  | 980   | 967    | 944   | (1017) | 910   | 933   | 905  |
| 2    | (1011) | 934   | 906   | 910   | 920    | 900  | 947  | 923   | 902  | 953  | (830) | 925  | 943  | 912  | 916   | 933   | 957    | 1004  | 973    | 958   | 990    | 965   | 933   | 934  |
| 3    | 959    | 878   | 880   | 939   | 905    | 900  | 939  | 948   | 930  | 953  | 913   | 934  | 922  | 887  | 905   | 941   | 922    | 998   | 909    | 927   | (1052) | (986) | 932   | 938  |
| 4    | 898    | 867   | 902   | 931   | 898    | 874  | 908  | 918   | 932  | 885  | 912   | 912  | 918  | 917  | 911   | 956   | (905)  | 932   | 939    | 953   | 957    | 937   | 887   | 906  |
| 5    | 897    | 920   | 920   | 960   | 890    | 905  | 916  | 930   | 923  | 915  | 886   | 880  | 947  | 900  | 877   | 982   | (1127) | 989   | 934    | 970   | 948    | 961   | 940   | 913  |
| 6    | 894    | 918   | 915   | 962   | 893    | 939  | 956  | 887   | 900  | 927  | 931   | 925  | 889  | 912  | 906   | 949   | 989    | 995   | (1028) | 1013  | 949    | 938   | 908   | 916  |
| 7    | 977    | 933   | 917   | 918   | 903    | 929  | 943  | (839) | 911  | 940  | 907   | 936  | 925  | 908  | 908   | 959   | 963    | 1012  | 969    | 1001  | 950    | 948   | 911   | 923  |
| 8    | 920    | 894   | 929   | 878   | 898    | 911  | 972  | 870   | 920  | 897  | 933   | 936  | 934  | 926  | 916   | 950   | 943    | 952   | 962    | 923   | 962    | 918   | 929   | 934  |
| 9    | 921    | 895   | 935   | 883   | 888    | 962  | 931  | (813) | 933  | 929  | 930   | 953  | 934  | 915  | 930   | 924   | 1009   | 996   | 969    | (900) | 956    | 933   | 949   | 935  |
| 10   | 941    | 932   | 919   | 880   | 908    | 926  | 967  | 888   | 906  | 933  | 925   | 923  | 951  | 922  | 914   | 959   | 939    | 946   | 938    | 969   | 973    | 928   | 924   | 936  |
| 11   | 927    | 928   | 924   | (819) | 908    | 937  | 924  | 898   | 938  | 923  | 932   | 929  | 912  | 926  | 942   | 980   | 959    | 951   | 956    | 990   | 946    | 933   | 927   | 949  |
| 12   | 955    | 915   | 889   | 879   | (855)  | 936  | 900  | 881   | 939  | 960  | 940   | 953  | 933  | 918  | 900   | 966   | 925    | 971   | 922    | (903) | 963    | 980   | 939   | 945  |
| 13   | 965    | 865   | 913   | 909   | (1029) | 947  | 947  | (855) | 898  | 940  | 927   | 940  | 946  | 895  | (857) | 984   | 1005   | 966   | (1024) | 959   | 928    | 904   | 928   | 909  |
| 14   | 927    | 898   | 935   | 913   | 942    | 940  | 906  | 909   | 949  | 955  | 930   | 966  | 939  | 872  | 911   | 961   | 977    | (906) | 931    | 964   | 935    | 894   | 941   | 933  |
| 15   | 946    | 903   | (842) | 942   | 909    | 933  | 925  | 930   | 929  | 872  | 890   | 948  | 932  | 930  | (968) | 972   | 996    | 951   | 945    | 981   | 949    | 880   | 920   | 941  |
| 16   | 896    | 916   | 895   | 908   | 930    | 927  | 904  | 920   | 894  | 878  | 933   | 949  | 926  | 964  | 930   | 917   | 1006   | (910) | 1000   | 994   | 939    | 889   | 924   | 923  |
| 17   | 914    | 940   | 862   | 928   | 870    | 913  | 884  | 951   | 908  | 914  | 887   | 936  | 924  | 923  | 936   | 948   | 998    | 967   | 926    | 951   | 936    | 945   | 930   | 942  |
| 18   | 935    | (971) | 934   | 941   | 955    | 895  | 929  | 929   | 923  | 896  | 912   | 934  | 887  | 956  | 887   | 925   | 956    | 968   | 958    | 957   | 972    | (871) | 912   | 964  |
| 19   | 928    | 894   | 901   | 918   | 949    | 925  | 981  | 939   | 915  | 893  | 912   | 922  | 905  | 893  | 921   | (888) | 975    | 962   | 951    | 993   | 945    | 916   | 961   | 940  |
| 20   | 909    | 902   | 915   | 910   | 876    | 918  | 918  | 944   | 919  | 923  | 924   | 943  | 918  | 903  | 893   | 938   | 982    | 956   | 951    | 971   | 944    | 920   | 936   | 935  |
| 21   | 901    | 897   | 936   | 906   | 874    | 914  | 932  | 936   | 898  | 908  | 913   | 919  | 933  | 921  | (985) | 947   | 930    | 935   | 942    | 958   | 973    | 928   | 936   | 931  |
| 22   | 891    | 923   | 865   | 924   | 898    | 927  | 929  | 900   | 888  | 871  | 919   | 888  | 897  | 917  | 891   | 916   | 926    | 951   | 950    | 972   | 972    | 916   | 878   | 923  |
| 23   | 906    | 936   | 946   | 899   | 940    | 938  | 900  | 892   | 903  | 878  | 947   | 941  | 925  | 920  | 961   | 930   | 982    | 958   | 927    | 970   | 971    | 942   | 910   | 917  |
| 24   | 895    | 953   | 903   | 880   | 920    | 888  | 900  | 938   | 927  | 902  | 890   | 907  | 941  | 898  | 959   | 952   | 973    | 974   | 945    | 924   | 968    | 937   | (868) | 886  |
| 25   | 919    | 904   | 918   | 942   | 937    | 921  | 890  | 919   | 922  | 931  | (838) | 965  | 919  | 946  | 907   | 946   | 977    | 973   | 981    | 950   | 962    | 936   | 8     |      |



9 O'Clock H = 15 000 +

14 O'Clock H = 15 000 +

| 1931 | Jan. | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan.  | Feb. | Marz | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |  |
|------|------|------|------|------|-----|------|------|------|------|------|------|------|-------|------|------|------|-----|------|------|------|------|------|------|------|--|
| 1    | 951  |      |      |      |     |      |      |      |      |      |      |      | 944   |      |      |      |     |      |      |      |      |      |      |      |  |
| 2    | 926  |      |      |      |     |      |      |      |      |      |      |      | 941   |      |      |      |     |      |      |      |      |      |      |      |  |
| 3    | 939  |      |      |      |     |      |      |      |      |      |      |      | 957   |      |      |      |     |      |      |      |      |      |      |      |  |
| 4    | 970  |      |      |      |     |      |      |      |      |      |      |      | 966   |      |      |      |     |      |      |      |      |      |      |      |  |
| 5    | 925  |      |      |      |     |      |      |      |      |      |      |      | 961   |      |      |      |     |      |      |      |      |      |      |      |  |
| 6    | 944  |      |      |      |     |      |      |      |      |      |      |      | 964   |      |      |      |     |      |      |      |      |      |      |      |  |
| 7    | 951  |      |      |      |     |      |      |      |      |      |      |      | 961   |      |      |      |     |      |      |      |      |      |      |      |  |
| 8    | 931  |      |      |      |     |      |      |      |      |      |      |      | 967   |      |      |      |     |      |      |      |      |      |      |      |  |
| 9    | 941  |      |      |      |     |      |      |      |      |      |      |      | 961   |      |      |      |     |      |      |      |      |      |      |      |  |
| 10   | 918  |      |      |      |     |      |      |      |      |      |      |      | 939   |      |      |      |     |      |      |      |      |      |      |      |  |
| 11   | 924  |      |      |      |     |      |      |      |      |      |      |      | 961   |      |      |      |     |      |      |      |      |      |      |      |  |
| 12   | 895  |      |      |      |     |      |      |      |      |      |      |      | 914   |      |      |      |     |      |      |      |      |      |      |      |  |
| 13   | 908  |      |      |      |     |      |      |      |      |      |      |      | 944   |      |      |      |     |      |      |      |      |      |      |      |  |
| 14   | 934  |      |      |      |     |      |      |      |      |      |      |      | 944   |      |      |      |     |      |      |      |      |      |      |      |  |
| 15   | 923  |      |      |      |     |      |      |      |      |      |      |      | 946   |      |      |      |     |      |      |      |      |      |      |      |  |
| 16   | 916  |      |      |      |     |      |      |      |      |      |      |      | (873) |      |      |      |     |      |      |      |      |      |      |      |  |
| 17   | 879  |      |      |      |     |      |      |      |      |      |      |      | (867) |      |      |      |     |      |      |      |      |      |      |      |  |
| 18   | 891  |      |      |      |     |      |      |      |      |      |      |      | 931   |      |      |      |     |      |      |      |      |      |      |      |  |
| 19   | 901  |      |      |      |     |      |      |      |      |      |      |      | 907   |      |      |      |     |      |      |      |      |      |      |      |  |
| 20   | 917  |      |      |      |     |      |      |      |      |      |      |      | 900   |      |      |      |     |      |      |      |      |      |      |      |  |
| 21   | 921  |      |      |      |     |      |      |      |      |      |      |      | 910   |      |      |      |     |      |      |      |      |      |      |      |  |
| 22   | 914  |      |      |      |     |      |      |      |      |      |      |      | 932   |      |      |      |     |      |      |      |      |      |      |      |  |
| 23   | 931  |      |      |      |     |      |      |      |      |      |      |      | 936   |      |      |      |     |      |      |      |      |      |      |      |  |
| 24   | 932  |      |      |      |     |      |      |      |      |      |      |      | 920   |      |      |      |     |      |      |      |      |      |      |      |  |
| 25   | 961  |      |      |      |     |      |      |      |      |      |      |      | 947   |      |      |      |     |      |      |      |      |      |      |      |  |
| 26   | 910  |      |      |      |     |      |      |      |      |      |      |      | 925   |      |      |      |     |      |      |      |      |      |      |      |  |
| 27   | 897  |      |      |      |     |      |      |      |      |      |      |      | 910   |      |      |      |     |      |      |      |      |      |      |      |  |
| 28   | 910  |      |      |      |     |      |      |      |      |      |      |      | 886   |      |      |      |     |      |      |      |      |      |      |      |  |
| 29   | 938  |      |      |      |     |      |      |      |      |      |      |      | 895   |      |      |      |     |      |      |      |      |      |      |      |  |
| 30   | 927  |      |      |      |     |      |      |      |      |      |      |      | 913   |      |      |      |     |      |      |      |      |      |      |      |  |
| 31   | 928  |      |      |      |     |      |      |      |      |      |      |      | 924   |      |      |      |     |      |      |      |      |      |      |      |  |
| Mean | 924  |      |      |      |     |      |      |      |      |      |      |      | 935   |      |      |      |     |      |      |      |      |      |      |      |  |