

Astronomical Tables of the Sun, Moon, and Planets

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TABLE A

 Subtract the value given by this Table in order to convert ET to UT

| <i>Year</i> | ΔT | <i>Year</i> | ΔT | <i>Year</i> | ΔT | <i>Year</i> | ΔT |
|-------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|
| 1680 | -14 ^s | 1853 | + 3 ^s | 1914 | +15 ^s | 1948 | +28 ^s |
| 1710 | -12 | 1858 | 3 | 1916 | 17 | 1950 | 29 |
| 1727 | - 7 | 1862 | 3 | 1918 | 19 | 1952 | 30 |
| 1737 | - 3 | 1868 | + 1 | 1920 | 20 | 1954 | 31 |
| 1747 | - 1 | 1873 | - 5 | 1922 | 21 | 1956 | 31 |
| 1755 | + 1 | 1878 | - 8 | 1924 | 22 | 1958 | 32 |
| 1772 | 6 | 1883 | - 8 | 1926 | 23 | 1960 | 33 |
| 1785 | 8 | 1888 | - 8 | 1928 | 23 | 1962 | 34 |
| 1792 | 8 | 1895 | - 7 | 1930 | 23 | 1964 | 35 |
| 1801 | 6 | 1898 | - 6 | 1932 | 23 | 1966 | 37 |
| 1809 | 5 | 1900 | - 4 | 1934 | 24 | 1968 | 38 |
| 1813 | 5 | 1902 | - 2 | 1936 | 24 | 1970 | 40 |
| 1822 | 4 | 1904 | + 1 | 1938 | 24 | 1972 | 42 |
| 1832 | 1 | 1906 | 4 | 1940 | 24 | 1974 | 44 |
| 1837 | 0 | 1908 | 7 | 1942 | 25 | 1976 | 46 |
| 1843 | 1 | 1910 | 10 | 1944 | 26 | 1978 | 49 |
| 1848 | 2 | 1912 | 12 | 1946 | 27 | 1980 | 51 |

TABLE B

Approximate values of ΔT

| <i>Year</i> | <i>Minutes</i> | <i>Year</i> | <i>Minutes</i> | <i>Year</i> | <i>Minutes</i> |
|-------------|----------------|-------------|----------------|-------------|----------------|
| 0 | 158 | 1000 | 30 | 2075 | 4 |
| 100 | 140 | 1100 | 23 | 2190 | 8 |
| 200 | 124 | 1200 | 16 | 2300 | 13 |
| 300 | 109 | 1300 | 11 | 2400 | 19 |
| 400 | 95 | 1400 | 7 | 2500 | 26 |
| 500 | 81 | 1490 | 4 | 2600 | 33 |
| 600 | 69 | 1600 | 1 | 2700 | 42 |
| 700 | 58 | 1700 | 0 | 2800 | 52 |
| 800 | 48 | 1950 | 0 | 2900 | 62 |
| 900 | 38 | 2000 | 1 | 3000 | 74 |
