

TABLE 7. MEAN DURATION OF THE TAI SCALE INTERVAL IN SI SECOND ON THE ROTATING GEOID

The estimate of the mean duration of the TAI scale interval in SI second on the rotating geoid, and its relative uncertainty are computed by the BIPM according to the method described in ' Azoubib J., Granveaud M., Guinot B., Metrologia 13, 1977, pp. 87-93 ', using all available measurements from the five most accurate primary frequency standards NIST-7, PTB CS1, PTB CS2, PTB CS3 and SU MCsR 102, consistently corrected for the black body radiation shift.

| For the months | Mean duration in s | Relative uncertainty |
|----------------|---------------------------|-------------------------|
| 1990 Jan - Feb | 1 + 4.6*10 ⁻¹⁴ | 1.5*10 ⁻¹⁴ |
| 1990 Mar - Apr | + 4.6 | 1.5 |
| 1990 May - Jun | + 3.7 | 1.5 |
| 1990 Jul - Aug | + 3.3 | 1.5 |
| 1990 Sep - Oct | + 4.8 | 1.4 |
| 1990 Nov - Dec | + 3.2 | 1.4 |
| 1991 Jan - Feb | 1 + 5.0*10 ⁻¹⁴ | 1.4*10 ⁻¹⁴ |
| 1991 Mar - Apr | + 6.3 | 1.3 |
| 1991 May - Jun | + 3.8 | 1.3 |
| 1991 Jul - Aug | + 3.2 | 1.3 |
| 1991 Sep - Oct | + 4.4 | 1.3 |
| 1991 Nov - Dec | + 2.7 | 1.2 |
| 1992 Jan - Feb | 1 + 1.1*10 ⁻¹⁴ | 1.2*10 ⁻¹⁴ |
| 1992 Mar - Apr | + 1.8 | 1.2 |
| 1992 May - Jun | + 2.8 | 1.1 |
| 1992 Jul - Aug | + 1.7 | 1.1 |
| 1992 Sep - Oct | + 0.8 | 1.0 |
| 1992 Nov - Dec | + 0.7 | 0.9 |
| 1993 Jan - Feb | 1 + 0.1*10 ⁻¹⁴ | 0.7*10 ⁻¹⁴ |
| 1993 Mar - Apr | + 0.4 | 0.7 |
| 1993 May - Jun | + 0.8 | 0.7 |
| 1993 Jul - Aug | + 0.9 | 0.6 |
| 1993 Sep - Oct | + 1.4 | 0.6 |
| 1993 Nov - Dec | + 0.6 | 0.6 |
| 1994 Jan - Feb | 1 + 0.3*10 ⁻¹⁴ | 0.6*10 ⁻¹⁴ |
| 1994 Mar - Apr | + 0.8 | 0.6 |
| 1994 May - Jun | + 1.2 | 0.6 |
| 1994 Jul - Aug | + 1.7 | 0.6 |
| 1994 Sep - Oct | + 0.8 | 0.5 |
| 1994 Nov - Dec | + 1.3 | 0.5 |
| 1995 Jan - Feb | 1 + 1.9*10 ⁻¹⁴ | 0.6*10 ⁻¹⁴ |
| 1995 Mar - Apr | + 1.8 | 0.5 |
| 1995 May - Jun | + 2.3 | 0.5 |
| 1995 Jul - Aug | + 3.1 | 0.6 |
| 1995 Sep - Oct | + 3.0 | 0.6 |
| 1995 Nov - Dec | + 2.8 | 0.7 |