



Sunspot Index and Long-term Solar Observations

[Home](#) [Data](#) [Products](#) [Analyses](#) [FAQ & NEWS](#) [Observers](#) [Contact](#)

Yearly mean total sunspot number

[DOWNLOAD INFO](#)
[TXT](#)
[CSV](#)
[Back](#)

Yearly mean total sunspot number

Time range: 1700 - 2014

Data description:

Yearly mean total sunspot number obtained by taking a simple arithmetic mean of the daily total sunspot number over all days of each year. (NB: in early years in particular before 1749, the means are computed on only a fraction of the days in each year because on many days, no observation is available).

TXT

Filename: yearssn.dat

Format: plain ASCII text

Contents:

Column 1: Gregorian calendar year (mid-year date)

Column 2: Yearly mean total sunspot number.

Column 3: Definitive/provisional marker. A blank indicates that the value is definitive. A '*' symbol indicates that the yearly average still contains provisional daily values and is subject to a possible revision.

Line format [character position]:

- [1-6] Year (decimal)

- [8-12] Yearly mean total sunspot number

- [14] Definitive/provisional indicator for monthly numbers

CSV

Filename: ISSN_Y_tot.csv

Format: Comma Separated values (adapted for import e.g. in MS Excel)

Contents:

Column 1: Gregorian calendar year (mid-year date)

Column 2: Yearly mean total sunspot number.

Column 3: Definitive/provisional marker. '1' indicates that the value is definitive. '0' indicates that the yearly average still contains provisional daily values and is subject to a possible revision.

Menu

- Home
- Data
- Products
- Analyses
- FAQ & News
- Observers
- Contact
- Legal notices
- About

Data policy

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