

SOHO & SDO File Format (SOHOTotalSunspotAreaMeadows.txt & SDOTotalSunspotAreaMeadows.txt)

| Column | Parameter |
|--------|--|
| 1 | Date (YYMMDD) |
| 2 | Time (HHMMSS) UT |
| 3 | Day of Year (1st January = 1) |
| 4 | Projected total sunspot area (μ Disc) |
| 5 | Corrected total sunspot area (μ Hem) |
| 6 | SOHO or SDO filename |

**SOHO & SDO Detailed File Format
(SOHOTotalSunspotAreaDetailedMeadows.txt & SDOTotalSunspotAreaDetailedMeadows.txt)**

| Column | Parameter |
|--------|--|
| 1 | Date (YYMMDD) |
| 2 | Time (HHMMSS) UT |
| 3 | Day of Year (1st January = 1) |
| 4 | X pixel coordinate of the centre of the solar disc |
| 5 | Y pixel coordinate of the centre of the solar disc |
| 6 | Radius of solar disc (pixels) |
| 7 | Mean pixel value of none sunspot and faculae regions prior to normalisation |
| 8 | Mean pixel value of none sunspot and faculae regions after normalisation |
| 9 | Standard deviation of pixel values of none sunspot and faculae regions after normalisation |
| 10 | Diameter of solar disc (arc minutes) |
| 11 | B0: latitude of the centre of the solar disc (degree) |
| 12 | Total number of sunspot pixels for the whole disc |
| 13 | Projected total sunspot area (μ Disc) |
| 14 | Rho: mean angle from the centre of the disc to all sunspot pixels (degree) |
| 15 | Maximum values of Rho (degree) |
| 16 | Corrected total sunspot area (μ Hem) |
| 17 | SOHO or SDO filename |