

**Table 1.** List of solar indices used in the present analysis

| Index              | Origin   | Cyc. 18 | 19      | 20      | 21      | 22      | 23      |
|--------------------|----------|---------|---------|---------|---------|---------|---------|
| Years of maximum   |          | 1946–50 | 1956–60 | 1967–71 | 1978–82 | 1988–92 | 1997–01 |
| Years of minimum   |          | 1942–45 | 1952–55 | 1963–66 | 1974–77 | 1984–87 | 1994–97 |
| Radio emissions    | Corona   |         |         | *       | *       | *       | *       |
| Cor. green line    | Corona   | *       | *       | *       | *       | *       | *       |
| Protons            | Corona   |         |         |         |         | *       | *       |
| X-rays             | Corona   |         |         | *       |         | *       | *       |
| F10                | Corona   | *       | *       | *       | *       | *       | *       |
| EUV (Pio. Vênuş)   | Corona   |         |         |         | *       | *       |         |
| EUV (Hinteregg.)   | Corona   |         |         |         | *       |         |         |
| EUV (SOHO)         | Corona   |         |         |         |         |         | *       |
| UV emissions       | Chrom.   |         |         |         |         |         | *       |
| PSI 6723 Å         | Chrom.   |         |         |         |         | *       |         |
| Lyman Alpha        | Tra.Reg. |         | *       | *       | *       | *       | *       |
| He I 10830 Å       | Chrom.   |         |         |         | *       | *       | *       |
| Total Irradiance   | Chrom.   |         |         |         | *       | *       | *       |
| Mg II 2800 Å       | Chrom.   |         |         |         | *       | *       | *       |
| Solar Flare Index  | Chrom.   |         |         | *       | *       | *       | *       |
| Solar Mag. Field   | Surface  |         |         | *       | *       | *       | *       |
| Sunspot Gr. Area   | Surface  |         |         | *       | *       | *       | *       |
| Cal. II Plage area | Surface  | *       | *       | *       | *       |         |         |
| Cal II K Intensity | Surface  | *       | *       | *       | *       | *       | *       |
| Sunspots           | Surface  | *       | *       | *       | *       | *       | *       |