

WENDELSTEIN Solar Observatory

Daily drawings of solar features for the years 1947-1987 are available. These lovely images give a composite picture of various solar phenomena, including the solar coronal intensity, the bright Calcium plages, and the filaments and prominences, as well as sunspots. Many stations contributed data to this effort. For example, during the period April-June 1969, stations contributing Hydrogen-alpha images included Anacapri, Athens, Burbank, Catania, Freiburg, Haleakala, Kodaikanal, Sacramento Peak, Teheran, Tonantzintla, and Wendelstein. Those contributing Calcium K3 line images include Anacapri, Arcetri, Catania, Kodaikanal, Manila, Rome, and Wendelstein. Those contributing solar corona 530.3 nm data include Mt. Norikura, Pic du Midi, Sacramento Peak, and Wendelstein.

North is at the top. East is on the left. A Stonyhurst disk with the correct Bo angle is used. The times of the different observations are indicated on the left side. Solar flare events are also listed, including begin and end times and position. Times that are underlined are certain. Times without underlines are uncertain.

Coronal intensities are marked in numerical form every five degrees around the solar disk. On the disk's edge, prominences appear in red. On the disk, the filaments are drawn in black, the calcium plage borders are drawn in blue, sunspots are in black, and something (?) is drawn in green. The sunspot Zurich classifications A, B, C, D, E, F, G, H, and J are indicated.

To the right of the drawing are listed the positions and Zurich class of sunspots.