

Note on Solar Radio Observations in Cracow

Full solar-disk observations were carried out daily at the Astronomical Observatory of the Jagellonian University in Cracow. The observations made with the 7-meter single-dish radiotelescope at two frequencies: 810 MHz and 430 MHz started, respectively, on 01 October 1957 and 01 March 1966. Since 1980 the results of these observations have been published in the *Monthly Report on Solar Radio Emission* (reference ?). Some previous observations have been published in the journal *Acta Astronomica* (see: Zieba [1973]; Gula and Zieba [1975]; Zieba et al. [1976]; Zieba et al. [1982], Zieba S. et al. [1986]; Zieba et al. [1993]; and references therein) together with details of the instrument. In 1993 the Astronomical Observatory began to reconstruct the receiver system and install an 8-meter solar-radio antenna. At present, we observe at 6 frequencies:

410, 650, 810, 980, 1350, 1450 MHz in dcm wavelengths region.

The daily schedule of the observations is as follows:

08:50 to 09:00 - calibrations and background measurements
09:01 to 12:00 - observation of solar radio emission
12:01 to 12:10 - calibrations and background measurements
12:11 to 15:00 - observation of solar radio emission
15:01 to 15:10 - calibrations and background measurements

The above hours are in Central European Standard or Summer Time, that the Sun is observed from 08 to 14 UT or from 07 to 13 UT depending on the season of the year. The data are presented in generally in accepted form for Solar Radio Observations.

At present, the observations are made by Dr. A. Michalec, M. Niesulowski, M. Sc. M. Rys, Dr. S. Zieba. Besides, Dr.S. Zieba, M. Niesulowski, A. Michalec, and M. Gierlinski are also responsible for data reduction and Dr. J. Machalski and Dr. A. Kulak - for proper running operation of the receiver and antenna system. The report is made by Dr. A. Michalec. Leading person in Solar Radio Group is Dr. S. Zieba (stanz@oa.uj.edu.pl) and all questions connected with the data should be addressed to him.

Daily solar radio flux data are available on line at: <http://www.ou.uj.edu.pl:80/sol/>.

References

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