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Edited by F. MORIYAMA

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Preface

The present volume XXI of the "Quarterly Bulletin on Solar Activity" covers the period from January to December 1979. As in the preceding volumes, the Bulletin contains the following five parts :

- I Sunspots
- II Synoptic Charts of Solar Magnetic Fields
- III Chromospheric Flares
- IV Coronal Observations
- V Solar Radio Emission.

The sunspot tables forming Part I are edited under the care of Eidgenossische Sternwarte, Zurich, and Part II (Synoptic Charts of Solar Magnetic Fields) is supplied by the Mt. Wilson Observatory, Pasadena. The flare observations, on which Part III is based, are collected at the Observatoire de Paris, Section d'Astrophysique, Meudon, and from there the compiled data are sent to the editor. The coronal intensities given in Part IV are sent directly to the editor from the participating observatories, and the heliographic maps of the corona added to Part IV are made by the Kislovodsk Station of the Pulkovo Observatory. The preparation of Part V (Solar Radio Emission) has been under the care of the Research Institute of Atmospheric Physics, Toyokawa.

The editor wishes to express his sincere thanks to Dr. A. Zelenka for the editorship of Part I, to Dr. R. Howard for furnishing the charts of solar magnetic fields, to Dr. M. Bernot for the compilation of flare data, to Dr. M. N. Gnevyshev for providing the coronal maps, and to Dr. S. Enome for the preparation of Part V.

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F. Moriyama

Tokyo Astronomical Observatory