BASS 2000 THEMIS Archive

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The solar data base BASS 2000 is now under construction at the main center (OMP, Bagnères de Bigorre). The informatics and users rooms will be finished by the end of 1996. BASS 2000 is operating under key-programmes of THEMIS and SOHO and is managed by a scientific council. The server at the main center will be open on line by early 1997. The Meudon BASS 2000 antenna server is in use since January 1996 (http://mesola.obspm.fr). It daily offers on line data of the H-alpha Coronagraph of Pic du Midi, spectroheliograms of Meudon, and very soon THEMIS data (intensities, velocities, magnetic field), Nançay (radio) data, QBSM and synoptic cards of the chromosphere and sunspots. Some facilities and informations have been developed in that server: solar ephemerids, high resolution solar spectrum (visible and infrared), photo gallery (JPEG and MPEG files), different links (Meudon forecast and regional warning ..., JOSO, ARTHEMIS, etc ...). BASS 2000, SOHO/THEMIS/WHOLESUN CATALOGUE FITS keywords, filenames and thesaurus are also available in that server.

The archive at the main center is designed to store the ground-based French observations but also to help to the data analysis. BASS 2000 is developed in harmony with ARTHEMS (Italian THEMIS data base). In order to maximize the scientific outcome of the solar observations of THEMIS (and others), BASS 2000 (and ARTHEMS) take into account the new key-words and infrastructure developed for the Whole Sun Catalogue. BASS 2000 Security Archive will be put in CNES, Toulouse.