

Paris, April 19th, 2023

To whom it may concern

BASS2000 is a national service for observation (SNO) hosted by LESIA, a department of Paris Observatory.

BASS2000 is the official host for all French ground-based full sun observations at visible wavelength and therefore is responsible for the long-term conservation of those data.

It's operational for more than 20 years, now, and contains digitised observations dating back more than a century.

It also hosts observations from Brussels (Belgium) and Coimbra (Portugal), thanks to a memorandum of understanding. Added values are available, especially an extended high resolution spectrum of the quiet sun and a heliophysics feature catalogue which provides a description of most of the solar features (filaments, prominences, sunspots, active regions, coronal holes, metric radio sources and type III bursts) visible on the sun since 1996 for most of them.

All these elements make BASS2000 a widely used service worldwide, with several hundred different connections per day. It is a reference for the solar physics community.

Therefore, Paris Observatory commits itself to keep these data on a long-term basis.

President of Paris Observatory, PSL



Fabienne Casoli

La Présidence

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Recherche

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Formation

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Culture scientifique

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