

Latest Solar Orbiter magnetic field data (near-real time data, not for publication) Metis. Metis data description; PHI. PHI reference web page; Summary page of released PHI data; RPW. Daily ...

NREL performed high-fidelity computational-fluid-dynamics analysis of wind loading on single- and multi-row CSP parabolic-trough collector devices using the Nalu-Wind code and validated ...

This research is conducted through a literature review, a data analysis using a geographical information system (GIS), and a logistic regression analysis. To answer the first three sub ...

Within NASA, research in solar physics falls within the discipline of Heliophysics, the study of the Sun, the heliosphere, and the plasma and magnetic field environment of the planets. ...

The Wilcox Solar Observatory (WSO) began collecting daily observations of the Sun's global (or mean) magnetic field in May 1975 (Scherrer+1977), with the goal of understanding changes in ...

This study uses a novel three-dimensional (3D) analytical and numerical analysis to determine the view factors associated with solar fields using hourly solar irradiance ...

This study analyzes the field performance of various solar cell designs. Most research and development efforts concerning solar cells aim to increase their efficiency or ...

5 ???&#0183; The renewable energy industry requires accurate forecasts of intermittent solar irradiance (SI) to effectively manage solar power generation and supply. Introducing the ...

Optimize field technicians planning using calendars; Customize maintenance contracts" parameters (SLA, intervention times, maintained facilities, etc.) ... With Qantum"s integrations, ...

Abstract: This paper presents a computer platform for the automated analysis of associations among different solar events and activities. This computer tool enables the ...

Sun et al. (Citation 2022b) and Aktukmak et al. (Citation 2022) explore the potential of ...

Zoom into Solar Orbiter"s four new Sun images, assembled from high-resolution observations by the spacecraft"s PHI and EUI instruments made on 22 March 2023. ...

A reliable data analysis center plays a crucial role in the successful execution of a space mission. The Science Operation and Data analysis Center (SODC) of Advanced ...

The SunPy Project is an organization whose mission is to develop and facilitate a high-quality, easy-to-use, community-led, free and open-source solar data analysis ...

NREL performed high-fidelity computational-fluid-dynamics analysis of wind loading on single- ...

These labels can be used in both event analysis of solar physics and data-driving artificial intelligence (AI) modeling. ... Three-Dimensional Solar Magnetic Fields Data ...

PhD Solar Physics. Analysing the magnetic field in the solar atmosphere. Digging deep: peering into the deepest observable layers of the Sun. Mapping the Sun's ...

Low-resolution solar resource data (left) and high-resolution solar resource data (right) for ... data, analysis and decisions - providing information on data that are required for specific analyses ...

In this paper, a large-scale dataset of 3D solar magnetic fields of active regions is built by using the nonlinear force-free magnetic field (NLFFF) extrapolation from vector ...

This study analyzes the field performance of various solar cell designs. Most ...

Web: <https://centrifugalslurypump.es>