

South Asia Spectrometer Temperature and Humidity

This study employs the Seasonal Autoregressive Integrated Moving Average (SARIMA) model to forecast monthly average humidity trends in South Asian countries, utilizing data spanning ...

SOUTH ASIA WEATHER AND CLIMATE ... Special GFS Week 1& 2 Forecast Total, Mean and Anomaly Products ... SURFACE OBSERVATIONS, ANALYSES AND MONITORING ...

The output of this study was temperature, relative humidity and precipitation trends and their descriptive statistics, which can be used to understand weather variations and further predict ...

The South Asian summer monsoon strongly modulates regional ...

The South Asian summer monsoon strongly modulates regional temperature and humidity. While extreme dry heat peaks in the pre-monsoon season, recent literature suggests that ...

Here we explore the influence of monsoon onset and subseasonal precipitation variability on the occurrence of extreme wet bulb temperatures (T_w) across South Asia.

We benchmark four approaches for hydrometeorological forecasting--SARIMA, TDNN, LSTM, and XGBoost--within one reproducible pipeline for monthly rainfall and temperature across seven South ...

This study examines the recent trends and variability of temperature and atmospheric water vapor over South Asia during the summer monsoon season from 1970 to 2022.

Explore historical and future global climate data, including temperature and precipitation changes based on CMIP6 climate scenarios. Explore interactive maps showing temperature trends and climate ...

ASMC carries out monthly seasonal forecast predictions based on various seasonal model forecasts from the leading meteorological centres, supplemented by individual assessments ...

Our method uses calculus of variations to compare the sensitivity of HSIs to temperature and humidity, independent of HSI units. We explain the properties of different HSIs and identify...

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