

International Satellite Cloud Climatology Project (ISCCP) Stage B3 Reduced Radiances in Native (NAT) Format (ISCCP_B3_NAT) Data Set Abstract



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1. Data Set Description

ISCCP was established as the first project of the World Climate Research Program (WMO, 1984), to collect and analyze satellite radiance measurements to infer the global distribution of cloud radiative properties and their diurnal and seasonal variations. These data and analysis products will be used to improve the understanding and modelling of the effects of clouds on climate. The data products produced are the Stage B3 Reduced Resolution Radiance Data set (Rossow and Schiffer 1987) and the Stage C Cloud Data Products (Rossow and Schiffer 1991). Stage B3 data are the original radiance data, sampled to 30 Km and 3 hour spacing. The normalization of all radiances to a standard calibration makes these data a globally uniform set of measurements that can be used for detailed cloud process studies.

More detailed information can be found on the [ISCCP Home Page](#).

These data are available from the NASA Langley Atmospheric Science Data Center.

2. Sample Data Record/Format

Please refer to the [Read Software file](#) and the [Readme file](#).

3. References

A complete list of ISCCP research publications is available from the [ISCCP Web Site](#).

4. Contact Information

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5. Acknowledgement



The requested form of acknowledgement for any publication in which this data are used is:

"These data were obtained from the NASA Langley Atmospheric Science Data Center."

The Langley Data Center requests two reprints of any published papers or reports which cite the use of data that the Langley Data Center have distributed. This will help the Data Center to determine the use of data distributed, which is helpful in optimizing product development. It also helps the Data Center to keep our product-related references current. To assist the Langley Data Center in providing the best service to the scientific community, a notification is requested if these data are transmitted to other researchers.

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