CERES DATA FLOW DIAGRAM

INSTR: Instrument Production Data Set

Geolocate and Calibrate Earth Radiances 1

BDS: BiDirectional Scans

ERBE-like Inversion to Instantaneous TOA Fluxes 2

EID6: ERBE-like Regional Data

ERBE-like Averaging to Monthly TOA Fluxes 3

IES: Instrument Earth Scans

VIRS CID: MODIS CID: VIIRS CID: Cloud Imager Data

Determine Cloud Properties, TOA and Surface Fluxes 4

CRH: Clear Reflectance History

ES-8: ERBE-like Instantaneous TOA Estimates

ES-9: ERBE-like Monthly Regional Averages

ES-4: ERBE-like Monthly Geographical Averages

SSF: Single Scanner Footprint TOA/Surface Fluxes and Clouds

Grid TOA and Surface Fluxes: Clouds 9

ISCCP-D2like-Day/Nit: Monthly Gridded Cloud Averages

SFC: Monthly Gridded TOA/Surface Fluxes and Clouds

Compute Monthly and Regional TOA and Surface Averages 10

SRBAVG: Monthly TOA/Surface Averages

MWH: Microwave Humidity

Compute Surface and Atmospheric Radiative Fluxes 5

MOA: Meteorological, Ozone, and Aerosol Data

Regrid Humidity and Temperature Fields 12

APD: Aerosol Data

GAP: Gridded Analysis Product

CRS: Clouds and Radiative Swath

OPD: Ozone Profile Data

SURFMAP: Surface Map

Grid Radiative Fluxes and Clouds 6

GGEO: Gridded GEO Narrowband Radiances, Clouds

Grid GEO Narrowband Radiances, Clouds 11

GEO: Geostationary Narrowband Radiances

FSW: Monthly Gridded Radiative Fluxes and Clouds

ISCCP-D2like-GEO: Monthly Cloud Averages

SYN Synoptic Radiative Fluxes and Clouds

Time Interpolate, Compute Fluxes 7

SYNI: Intermediate Synoptic Radiative Fluxes and Clouds

Compute Regional, Zonal and Global Averages 8

AVG: Monthly Regional Radiative Fluxes and Clouds

ZAVG: Monthly Zonal and Global Radiative Fluxes and Clouds

Legend

- 🟩 Ancillary Data Products
- 🟥 Archival Data Products
- 🟦 CERES Algorithm Processes
- 🟧 Internal Data Products