

The Lambert Equivalent Reflectivity data contained in this directory were derived from the standard production files with preliminary radiometric and time corrections applied. They have been converted to zonal averages and presented as continuous time series. The data are for review and comment. They must not be used for publication purposes. Averages of all overlapping satellites are given as a function of latitude and time.

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This is an early version of the reflectivity data (zonal average only) for people to look at. We are still working on the calibration of TOMS and SBUV 1979 to 1992, which makes a big difference in the results, before putting out a more usable version. The instruments both had a serious problem with temperature when emerging from polar night of the South Pole. It affects the data all the way to the equator under some conditions. We should have this corrected fairly soon. You should also note that EP data are not usable, and probably will never be usable because of problems with the scan mirror from an early date. EP does not have a 340 nm channel. Also, SeaWiFS data are at 412 nm and not the 340 nm reflectivity of other data (TOMS, SBUV, SBUV-2, and OMI). We are also working on the recalibration of SW 412 nm reflectivity.