Edition 2 GERB sceneID comparisons

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Objectives

- Validate ED02 cloud properties retrievals
  - new clearsky visible reference
  - new cloud optical depth LUTs
  - new bispectral cloud phase detection

- Tune ED02 clearsky/cloudy threshold on COD
  - detect on average the same cloud fraction as CERES sceneID
Data considered

- CERES GEO cloud products for campaigns
  - computed on 1 out of 3 SEVIRI pixels & hourly
  - with cloud phase, COD & cloud flag
  - with pixel coordinates in SEVIRI imagery?
  - separate into NH & SH
  - in netCDF format

- CERES SSF cloud products for clearsky/cloudy threshold tuning
  - computed over CERES footprints
  - with MODIS imager
  - with cloud phase, COD & cloud fraction
  - used to derive solar ADMs
Period considered

- CERES GEO cloud products for campaigns
  - June & December 2004
  - possibly March & September 2004 to cover all seasons

- CERES SSF cloud products for clearsky/cloudy threshold tuning
  - collocation over a complete year, 2004?