Clear Reflectance History (CRH)

The Clear Reflectance/Temperature History (CRH) data are organized on a global equal-area grid that is approximately 1/6-degree by 1/6-degree (2160 x 1080=2,332,800 grid boxes). The data coverage is 24 hours and is produced every day. The CRH data product has visible albedo information.

The parameters are derived from cloud imager measurements by Subsystems 4.1 - 4.3. The CRH product is the same structure for both Moderate Resolution Imaging Spectrometer (MODIS) values and Visible Infrared Scanner (VIRS) values, and are differentiated by their file names. The CRH product is archived because the product is needed for reprocessing. A complete listing of parameters for these data products can be found in Table 1.

Level: 3   **Portion of Globe Covered**
Frequency: Every Day   **File:** Global
Configuration Code: 013006 and greater   **Record:** 1/6-Deg by 1/6-Deg

Time Interval Covered   **Portion of Atmosphere Covered**
   File: Life of Mission   **File:** Surface
   Record: Every Day

Table 1.   Clear Reflectance History (CRH)

Description	Param Num	Units	Range	Bits/Elem
CRH 0.6 micron albedo				
Visible albedo for collimated, overhead sun illumination	1	x10 percent	0 ...1000	16
Visible albedo running mean, overhead sun illumination	2	x10 percent	0 ...1000	16
Number of albedo counts, since last updated	3	N/A	> = 0	32
Total Data Bits/Grid:				64
Total Grids/File:				2,332,800
Total Data Bits/File:				149,299,200
Total Bits/CRH Data Set:				**149,299,200**
Total MBytes/CRH Data Set:				**17.8**

CRH Revision Record

The product Revision Record contains information pertaining to approved section changes. The table lists the date the Software Configuration Change Request (SCCR) was approved, the Release and Version Number, the SCCR number, a short description of the revision, and the revised sections. The authors are listed on the document cover.

CRH Revision Record

SCCR Approval Date	Release/ Version Number	SCCR Number	Description of Revision	Section(s) Affected
N/A	R3V1	N/A	• Updated format to comply with standards.	All
			• The EOSDIS Product Code line was removed from the document. (6/17/2008)	Sec. 3.4
			• The ASDC footer was added to the bottom of the document. (06/06/2013)	All
			• Eliminated section numbers from the Data Products Catalog. Specifically, in this document, section number 3.4 was removed. (12/18/2013)	All