

Dataset Title - NOAA/GML SURFRAD Surface Spectral Albedo, NDVI Products, ISS Site

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Time of Interest - 2019/06/28 00:00:00 UTC to 2019/10/21 24:00:00 UTC

Area of Interest - ISS Site; 45.9449; -90.29365

Data Frequency - 1 minute

Data Spatial Type - point

General Dataset Description – This dataset contains spectral shortwave albedo, NDVI collected at the NCAR EOL ISS site for the CHEESEHEAD Field Project. See file README.cheese.albedo for more information.

Data File Columns - YYYYMMDDhhmmss, MFRSR_fractional_time_1900.01.01, Decimal_YYYYMMDD, Decimal_Day-of-Year, Decimal_Year, Air_Mass, Solar_Azimuth_Angle, Solar_Zenith_Angle, Cosine_Solar_Zenith_Angle, Albedo_Broadband, Albedo_415_nm, Albedo_500_nm, Albedo_1625_nm, Albedo_673_nm, Albedo_870_nm, Albedo_940_nm, NDVI

File Names -

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albedo_noaa-gml_che-iss_20191019.txt
albedo_noaa-gml_che-iss_20191020.txt
albedo_noaa-gml_che-iss_20191021.txt
albedo_noaa-gml_che-iss_20191022.txt

Data restrictions - Please contact author(s). See the [CHEESEHEAD Data Policy](#).

Digital Object Identifier (DOI) – <https://doi.org/10.26023/CX0J-CC6C-7N0P>

GCMD Keywords - SURFACE RADIATIVE PROPERTIES, ALBEDO, NORMALIZED DIFFERENCE VEGETATION INDEX (NDVI)

Publications (Optional) -

John A. Augustine, Gary B. Hodges, Ellsworth G. Dutton, Joseph J. Michalsky, and Christopher R. Cornwall, An aerosol optical depth climatology for NOAA's national surface radiation budget network (SURFRAD), J. Geophys. Res., V113, doi10.1029/2007JD009504, 2008

Field Measured Spectral Albedo - Four years of data from the Western U.S. Prairie, J. J. Michalsky, G. B. Hodges, J. Geophys. Res., v188, 813 - 825, doi:10.1002/jgrd.50149, 2013