AVHRR Leaf Area Index (LAI) and Fraction of Absorbed Photosynthetically Active Radiation (FAPAR) CDR v5.0 (01B-20c) Technical Note

Due to orbital drift of NOAA-19, data availability degrades over time in the AVHRR Surface Reflectance CDR. The Leaf Area Index and FAPAR CDR depends on the AVHRR Surface Reflectance CDR v5.0 as a primary input. Impacts appear more substantial during the (northern hemisphere) winter season. Due to this degradation, the Leaf Area Index and FAPAR CDR period of record ends in May 2022.

Representative data availability of LAI CDR:

July 1, 2016

Leaf Area Index
December 1, 2019

Leaf Area Index

Leaf Area Index (LAI)

Data Min = 0.0, Max = 6.1, Mean = 0.7