CHIRPS RFE Datasheet

Climate Hazards Group InfraRed Precipitation with Station data (CHIRPS) is a 30+ year quasi-global rainfall dataset. CHIRPS incorporates 0.05° resolution satellite imagery with in-situ station data to create gridded rainfall time series for trend analysis and seasonal drought monitoring.

Properties

Sensor:	Combination
Since:	01-01-2011
Spatial Resolution:	8 KM
Temporal Resolution:	10 day, monthly, 3 months, 6 months, 1 year
Extent:	Eastern Africa
Format:	Geotiff
Source:	JRC via MESA stations

CHIRPS RFE products available

Derived products	Description	Available
10d	Precipitation estimates over 10 days	since 1/1/2011
10davg	Statistic: multi-years average for each dekad	36 dekads
10dmin	Statistic: multi-years minimum for each dekad	36 dekads
10dmax	Statistic: multi-years maximum for each dekad	36 dekads
10ddiff	Anomaly: ABSOLUTE DIFFERENCE (10d – 10davg)	since 1/1/2011
10dperc	Anomaly: RELATIVE DIFFERENCE % ((10d – 10davg)/10davg)	since 1/1/2011
10dnp	Anomaly: Normalized Precipitation (10d-10dmin)/(10dmax-10dmin)	since 1/1/2011
1moncum	Cumulated 10day RFE over each month	since 1/1/2011
1monavg	Statistic: multi-years average for each month	12 month
1monmin	Statistic: multi-years minimum for each month	12 month
1monmax	Statistic: multi-years maximum for each month	12 month
1mondiff	Anomaly: ABSOLUTE DIFFERENCE (1moncum-1monavg)	since 1/1/2011
1monperc	Anomaly: RELATIVE DIFFERENCE (1moncum-1monavg)/1monavg	since 1/1/2011
1monnp	Anomaly: Normalized Precipitation (1moncum-1monmin)/(1monmax-1monmin))	since 1/1/2011