

NASA PRECIPITATION PRODUCTS TABLE

Product	Instrument	Source/Satellite	Spatial Resolution	Temporal Resolution	Location (Tools)	Files	Images	Temporal Coverage
Rainfall Rate, Accumulated Rainfall	PR, TMI, VIRS	TRMM	Global (50°N,50°S): 0.25°	3-Hour, Daily, Monthly	GES DISC	Mirador, OPeNDAP, GrADS Date Server (GDS), Open Geospatial Consortium (OGC) Web Map Service (WMS)	Giovanni	7 December 1997 to present (February 2000 to present for data coverage 40° S to 40° N available)
Rainfall Rate	CLM, MOSAIC, NOAH, VIC	GLDAS	0.25°, 1°	3-Hour, Daily, Monthly	GES DISC	Mirador, GDS	Giovanni (Monthly)	1°: 1 January 1979 to present, 0.25°: 24 February 2000 to present
Total Surface Precipitation	MERRA 2D	GMAO	Global: 0.5° X 0.67°	Daily, Monthly	GES DISC: MDISC	Data Subsetter, Mirador, OPeNDAP, Direct FTP	Giovanni	1979 to present
Rainfall Rate	AMSR-E	Aqua	5km to 12 km swath and 5° grid (70° N- 70°S)	Swath: 50 min., Grid: Monthly	NSIDC DAAC, Data Pool, Reverb, WIST, Subscription, LANCE AMSR-E, Date Feed	HDF-EOS	RSS Browser	19 June 2002 to present
Rainfall Rate	SSM/I and SSMIS	DMSP	Global: 1°	Daily, 3-Day, Weekly, Monthly	GES DISC, Remote Sensing Systems (RSS)	HDF, Binary	RSS Browser	9 July 1987 to present
Precipitation Rate	AIRS/AMSU	Aqua	1km	Daily, Monthly	GES DISC	HDF/HDF-EOS, netCDF	Giovanni, IDV	30 August 2002 to present
Liquid and Solid Precipitation	SNODAS-Diagnostic Variables	NOHRSC Modeling and Data Assimilation System	Contiguous U.S.: 1 km ²	Daily	NOAA National Weather Service's NOHRSC at NSIDC, Polaris	ASCII Text Files, Binary, GeTIFF, NetCDF 3	NWS-NOHRSC	1 October 2003 to present