

Monthly mean precipitation from observations and satellite estimates. Obs 2001-2006 is observations from Bwmanda (3.174 N, 19.242 E), Obs 1941-1970 shows monthly climatology from Zingo (2.4456 N 17.4269 E), and Obs 1986-2005 monthly climatology from Boketa (1.8069 N 18.0119 E). CRU v 3.10 [1] and UnivDel (University of Delware precipitation [2]) are gridded precipitation data sets based on observations, CMAP (CPC Merged Analysis of Precipitation [3]) includes satellite and station data, while TRMM (3B43 [4]) and TAMSAT [5] are based on satellite data only. For the gridded data sets, the closest pixel were selected.

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