

SOMALIA WEEKLY WEATHER FORECAST

Valid From 24 to 30 April 2024

Light to Moderate rains is expected over the vast majority area in Somaliland and Puntland, apart from Awdal and Bari Regions where dry conditions will prevail in the coming week. During the same period the coastal parts of Nugaal, Mudug, Galgaduud and Middle Shabelle Regions will receive light rains; while the rest of the country is expected to experience moderate to heavy rains. Localised very heavy cumulative rainfall of upto 200mm is expected in Belet Weyne, in Hiran Region, parts of Bay Region near Baidoa, Buale in Middle Juba Region, Garbahaarey in Gedo Region, and south of Burco in Togdheer Region.

Weather Review for the Week Between 16 and 24 April 2024

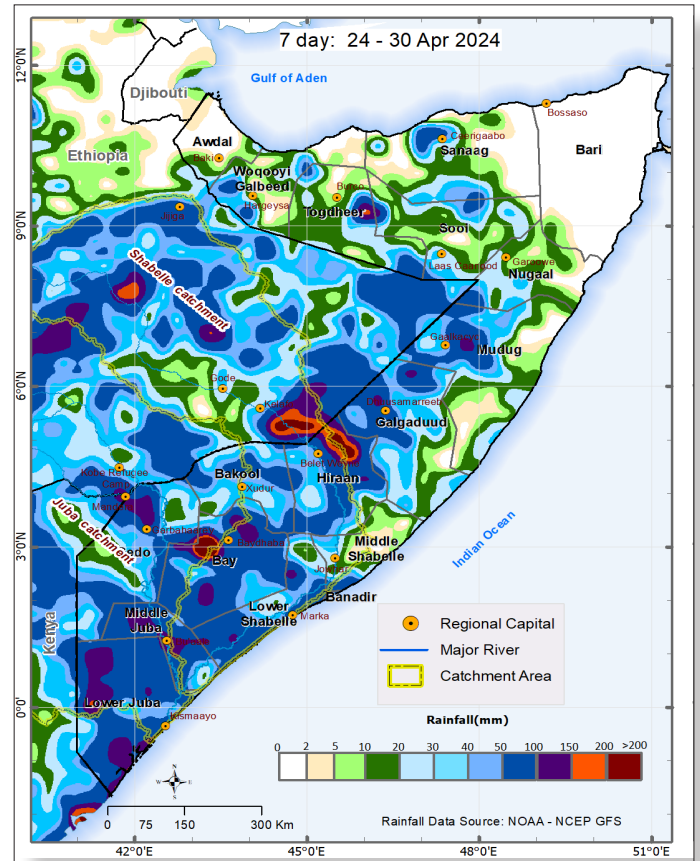
Good rains were recorded in almost all parts of the country during the week under review. Seventy nine (79) stations spread across Waqoyi-Galbeed, Awdal, Sanaag, Nugaal, Mudug, Bay, Middle jubba, Lower Shabelle, Hiiran, and Banaadir regions recorded at least 1mm of rainfall. Bakool Region remained dry. Cloud breaks in some areas led to elevated surface air temperatures with reported thermal discomfort.

The following stations (Figure 1) received at least 20mm of rain between 16 and 22 April 2024: in Aburin (32.5 mm), Dooxaguban (30.5 mm), Taysa (12.5 mm), Hargeisa (114 mm), Las Dacawo (70 mm), Sheikh (58 mm), Botor (53 mm), Berbera (25 mm), Cadaadley (46 mm), Baligubadle (37 mm), Allaybaday (35.5 mm), Gacan-libah (26 mm), Bulohar (35 mm), Wajaale (22 mm) in Waqooyi-Galbeed region, Belet weyne (91.9 mm), Mahas (27 mm), Mataban (45 mm) in Hiran region, Baidoa (130.4 mm), Qansax-dhere (50.2 mm), Burhakaba (27 mm) in Bay region, Galdogob (39.8 mm) in Mudug region, Buale (39.5 mm) in Middle juba region, Balcad (59.3 mm), Jowhar (58 mm), Mahadweyn (45 mm) in Middle Shabelle region, Kismayo (42.5 mm) in Lower Jubba region, Wanle Weyne (28 mm), in Lower Shabelle region, Dollow (75.3 mm), Luuq (44 mm) in Gedo region, Qulujeed (59.5 mm), Baki (45 mm), Caynabo (44 mm), Buhoodle_SL (56.2 mm), Waridaad (23 mm), in Sool region, Buhoodle (56.2 mm), Beer (44 mm), Burao (53 mm), Gatiley (44 mm), Warabeye (72 mm) in Togdheer region, Garadag (50 mm), Dhahar (56 mm), Elafweyn (44.5 mm), Baran (22.1 mm), Buran (20.5 mm) in Sanaag region, Mogadishu (20 mm) in Banadir region, Xasbahale (39 mm), Eyl (20 mm), in Nugaal region, and Qardho (23 mm) in Bari region.

Weather Forecast for the Week Between 24 and 30 April 2024

During the week between 24 and 30 April 2024, and based on NOAA-NCEP GFS, Light to Moderate rains are expected over the vast majority area in Woqooyi Galbeed, Togdheer, Sool and Nugaal Regions. Most parts of Awdal, Sanaag, and Bari Regions will be dry over the forecast period. Along the coastal areas of Mudug, Galgaduud and Middle Shabelle light rains are anticipated, while the rest of the country will receive moderate to heavy rains in the coming week. The chances of wet conditions are supported by the stagnation of Madden Julian Oscillation (MJO) index over the eastern parts of Indian Ocean over the last 10 days. The small amplitude of the index however signifies weak cycles of the MJO. This therefore is associated with decreased skill and reliability of extended range forecasts. The tendency of general dry conditions over Bari and Sanaag Regions is likely to be driven by the low-level easterly winds blowing parallel to the northeastern coastline which limits the incursions of precipitable water inland.

The temporal and spatial distribution of the forecast rainfall are as follows:



Map 1: Cumulative rainfall forecast over Somalia between 24 and 30 April 2024

Very heavy cumulative rainfall between 150 mm and 200 mm is likely over some areas in western parts of Belet Weyne district in Hiran region, and Baydhaba district in Bay region. Other parts of the country likely to receive the very heavy rainfall are Buale in Middle Juba Region, Garbahaarey in Gedo Region, and south of Burco in Togdheer Region. The heavy rains are likely to fall between 24 and 28 April 2024 with likelihood of flash flooding.

Heavy cumulative rainfall between 100 mm and 150 mm is likely over the following areas: Galkacayo in Mudug region, Dhuusamareeb in Galgaduud region, southern parts of Beletweine in Hiran region, Baydhaba in Bay region, Bu'aale in Middle Jubba, Kismayo in Lower Jubba, Garbaharey in Gedo region, Such rains are also expected over Burao in Togdheer region, and western parts of Hargeisa in Waqooyi-Galbeed region.

Moderate cumulative rainfall between 50 mm and 100 mm is likely over most areas of Mudug and Galgaduud regions, parts of Xudun and Taleex district in Sool region, several areas in Lower Shabelle region, Ceel Waaq and Bardheere districts in Gedo region, Qansax Dheere district in Bay region, Balcad district in Middle Shabelle region, Qandala district and northern parts of Qardho district in Bari region, and over an area confined to the southern Hargeisa district in Woqooyi Galbeed.

