



Very light rainfall expected over the northeastern parts of the project area in Lughaye, Baki, Gebiley, Hargeisa and Berbera districts, with dry conditions prevailing in the other areas.

Weather Review for the Period 7th to 13th December 2023

During the previous week, dry weather conditions prevailed over most of the project area, with none of the 37 weather monitoring stations reporting any rainfall. This occurrence can be attributed to the southmost position of intertropical convergence zone (ITCZ) inducing monsoonal winds from the predominantly continental Indian subcontinent, resulting in a dry and subsiding air mass.

Weather Forecast for the Period 14th to 20th December 2023

Rainfall Forecast: Very light rainfall amounts ranging from 2 to 5 mm is anticipated in the northeastern parts of the project area, covering the western areas of Berbera district, Ceel La Helay, Bildhaaley, Bodaale, and Daradawanle in the northern regions of Hargeisa district. This also includes Kidiyood, Teeb, Beeyo Cadaad in the northern part of Gebiley district, Banmadar, Cabdi Geeddi, Geelkagajis, Afarhaad, Beeyo Kulul, Laanta morohda, Celi, and Balaadh in the eastern part of Baki district. Additionally, Geerisa, Xoog Faras, Beeyo Liiban in the eastern parts of Lughaye district are expected to experience light rainfall. Conversely, dry conditions are projected to persist in the remaining project areas, with the possibility of rainfall measuring less than 2 mm.

The models' forecast indicating minimal rainfall across the project area in the month of December signifies the end of the Deyr short rainy season.

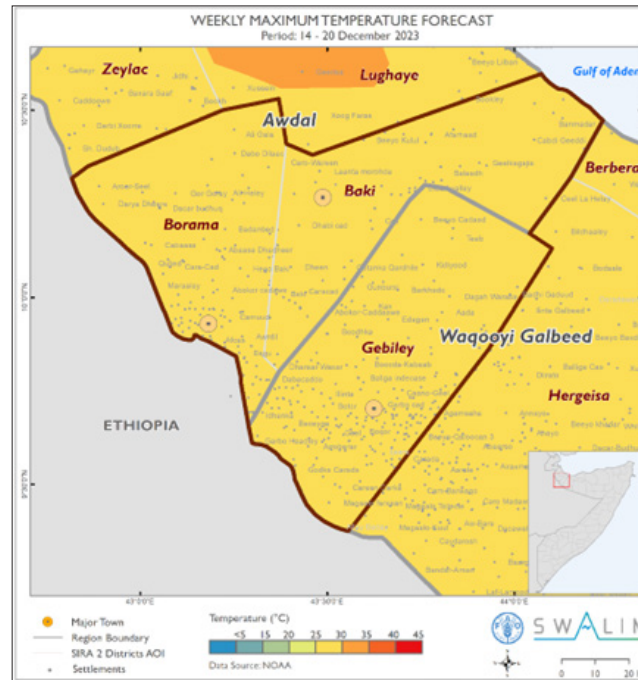


Figure 2: Maximum temperature forecast for the period 14th to 20th December 2023

Temperature Forecast: Extremely high temperatures, ranging from 35°C to 40°C, are anticipated in the western sections of Lughaye district. The rest of the project area is expected to experience high temperatures ranging from 30°C to 35°C.

Impacts Associated with the Weekly Weather Forecast

The prevailing and forecast dry weather conditions over the project area are expected to contribute to a further loss of soil moisture through heightened evapotranspiration. However, given the wet conditions in the previous month and the mild temperatures common in December-January period in some areas, various dryland agropastoral activities such as short-

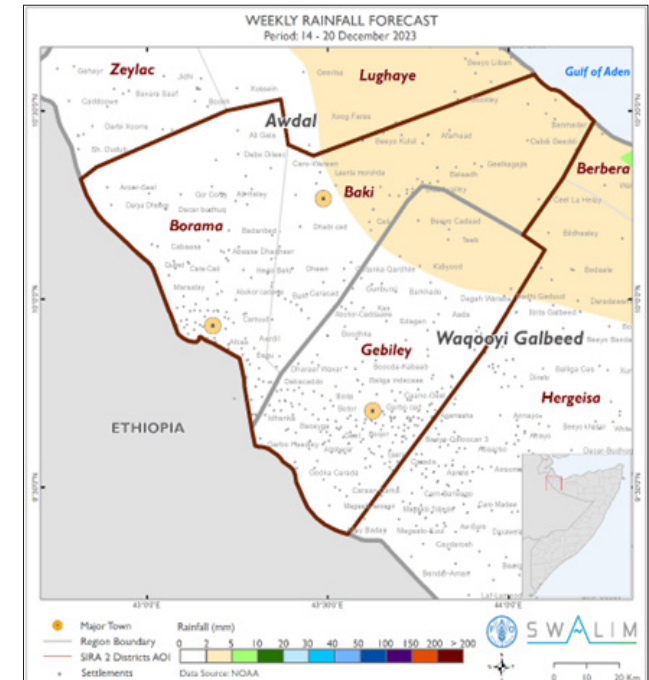


Figure 1: Cumulative rainfall forecast for the period 14th to 20th December 2023

crop cultivation, pasture growth, and fodder production are still favored.

The current forecast presents an opportunity for the farmers to engage in harvesting, processing, and storing available fodder. This proactive approach ensures a sustainable supply for animal feeding during the upcoming dry season. Farmers should purposefully capitalize on the hot and dry conditions to mitigate postharvest losses, including reductions in weight, quality, and nutritional value in their produce. Additionally, measures should be taken to prevent seed viability loss and minimize marketing-related losses.

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