



Food and Agriculture Organization of the United Nations



Information Management Center for Land and Water Somaliland



Somali Water and Land Information Management

Light rains are expected over the vast parts within the Project Area with dry conditions likely to prevail over the northern parts of both Baki and Gebiley districts.

### Weather Review for the Week Between 16 and 24 April 2024

Light to moderate rains were observed in the last week over some parts of the Project Area with the following stations (Figure 1) receiving more than 1.0 mm of rain between 16 and 23 April 2024: Boon (9.0 mm), Borama (29.5 mm), Magaalo-cad (10.0 mm) and Quljeed (59.5 mm) in Borama district, Baki (45.0 mm) and Gargara (18.0 mm) in Baki district and Allabaday (35.5 mm), Botor (53.0 mm), Dilla (33.0 mm), Gebiley (14.0 mm), Taysa (5.5 mm) and Tog Wajaale (34.0 mm) in Gebiley district.

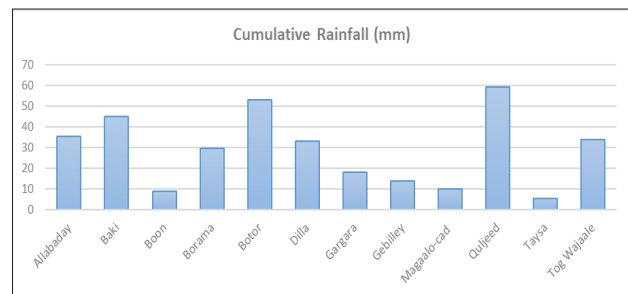


Figure 1: Cumulative rainfall observed across the project area between 16 and 23 April 2024

### Weather Forecast for the Week Between 26 April and 02 May 2024

Rainfall Forecast: While the chances of above normal wet conditions seem to be favored by the continued stagnation of the Madden Julian Oscillation (MJO) index over the eastern parts of Indian Ocean over the last 10 days, the effect seems to be restricted to the central and southern parts of the Greater Horn of Africa.

During the week between 26 April and 2 May 2024, and based on NOAA-NCEP GFS, light rain is expected over vast parts within the Project Area with chances of moderate cumulative rains over the southern parts of Gebiley district. Northern parts of both Baki and Gebiley districts are however expected to remain dry during the forecast period.

The temporal and spatial distribution of the forecast rainfall (Map 1) is as follows:

Light cumulative rainfall of between 20.0 mm and 50.0 mm is expected over the southern and central parts of Baki and Gebiley districts and central parts of Borama district. The project villages that are likely to receive this rainfall amounts are: Cadmadooni, Sabawanaag, Dharaarwahar, Dhuhunka, Duudweyne, Geed Diqsi, Waxaro Walislay in Baki district and Magaalo Ad in Borama district and Ballayga Cas, Xuunshaley, Goray, Godka Carada, Boodhley, Laan Barwaaqo and Geed Hara in Gebiley district. The intensity of the rains over the villages within the southern parts of Gebiley may increase in intensity leading to moderate cumulative amounts above 50 mm by the end of the forecast period.

Light cumulative rainfall of less than 20.0 mm is anticipated over the central and northern parts of Gebiley and Borama districts and southern and northeastern parts of Baki district. The project villages anticipating these amounts of rainfall include: Sheikh Nur, Wacays Dhukur, and Jarahorato in Baki district, Abuqeyys, Cashacado, Jirjirka, Sogsogley, Walalga, Afraag, Shirwac, Baal Dheere, Degmo Laqa, Goroyo Awl, Hol Hol, Magaalo Qalooq, Qunujeed, Tulli in Borama district and Ceel baxay, Taysa and Kurjiga in Gebiley district.

Dry conditions are likely to prevail in the northmost parts of Baki and Gebiley districts.

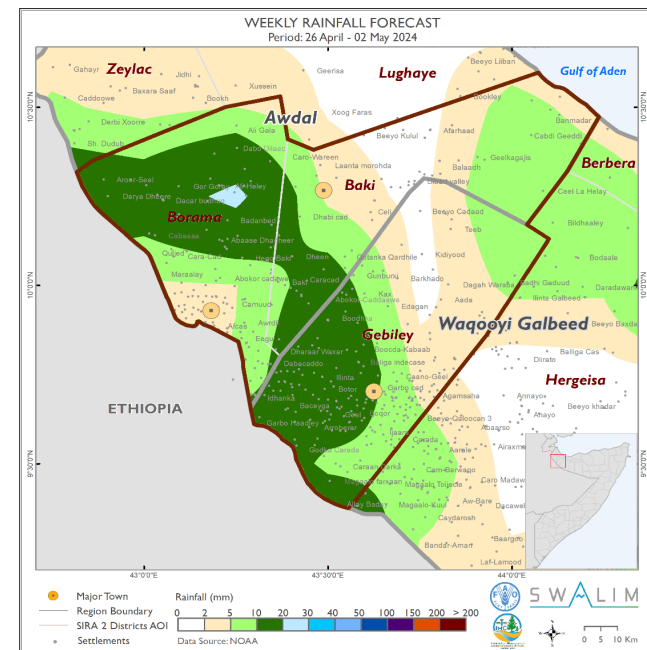


Figure 2: Cumulative rainfall forecast for the period 26 April to 2 May 2024

### Impacts Associated with the Weekly Weather Forecast

The warm and wet airmass likely particularly over the villages within the southern parts of Gebiley will be associated with mild evapotranspiration. The airmass over the villages in the northmost parts of Baki and Gebiley districts may be somehow hot and dry thereby favoring unfavorable soil moisture loss. The moisture levels associated with the observed and forecast light to moderate rains over the southern parts of Gebiley district are sufficient to support seed germination and vegetation growth. Due to the generally light rain forecast over most parts of the project area, appropriate water management and agricultural practices suited to these conditions should be implemented.

SWALIM is a multi-donor project managed by FAO and currently funded by The European Union, SDC, FCDO, Government of France and USAID



Funded by the European Union



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra  
  
Swiss Agency for Development and Cooperation SDC



British Embassy Mogadishu



RÉPUBLIQUE FRANÇAISE  
Liberté  
Égalité  
Fraternité



USAID  
FROM THE AMERICAN PEOPLE