



THE STATE OF ERITREA MINISTRY OF AGRICULTURE MIGRATORY PEST AND DESERT LOCUST UNIT



DESERT LOCUST SITUATION BULLETIN NO. 12 DECEMBER 2020

Email. selamtekle647@gmail.com

Desert Locust Information Officer

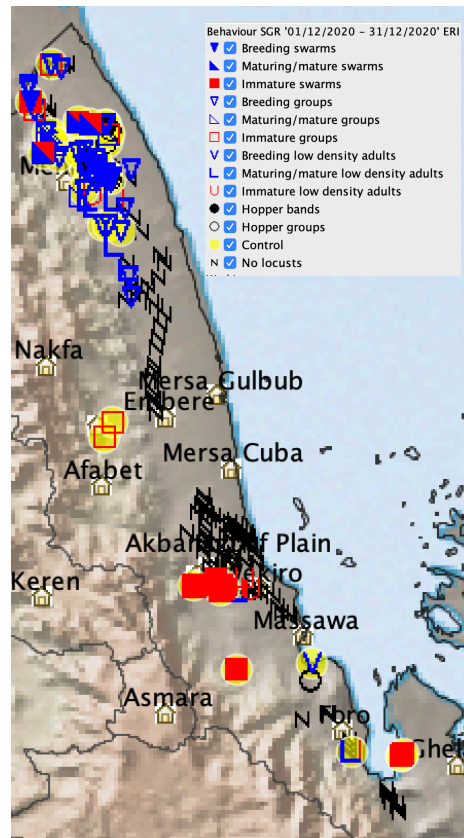
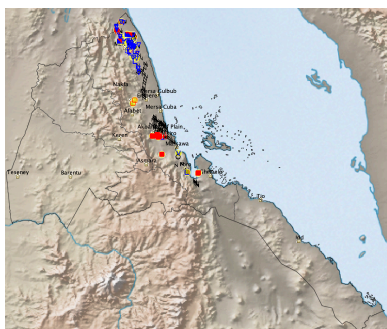
Mobile no. +2917561175

tsium209@gmail.com

Mobile no. +2917157477

Tel. 291-1-189572

Asmara



Risk Levels



SITUATION DURING DECEMBER 2020 AND FORECAST FOR JANUARY 2021

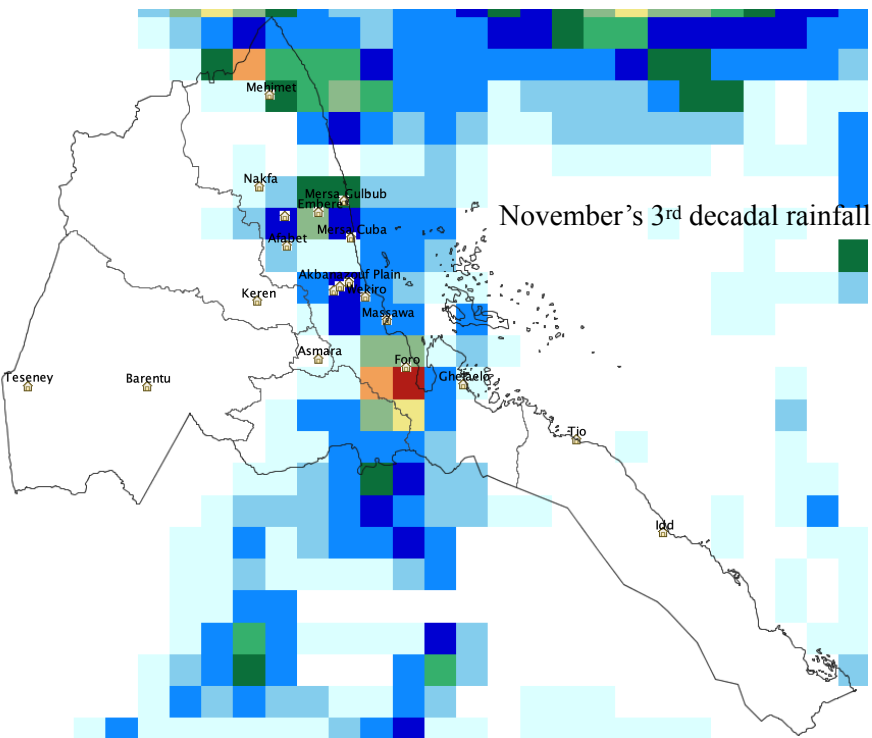
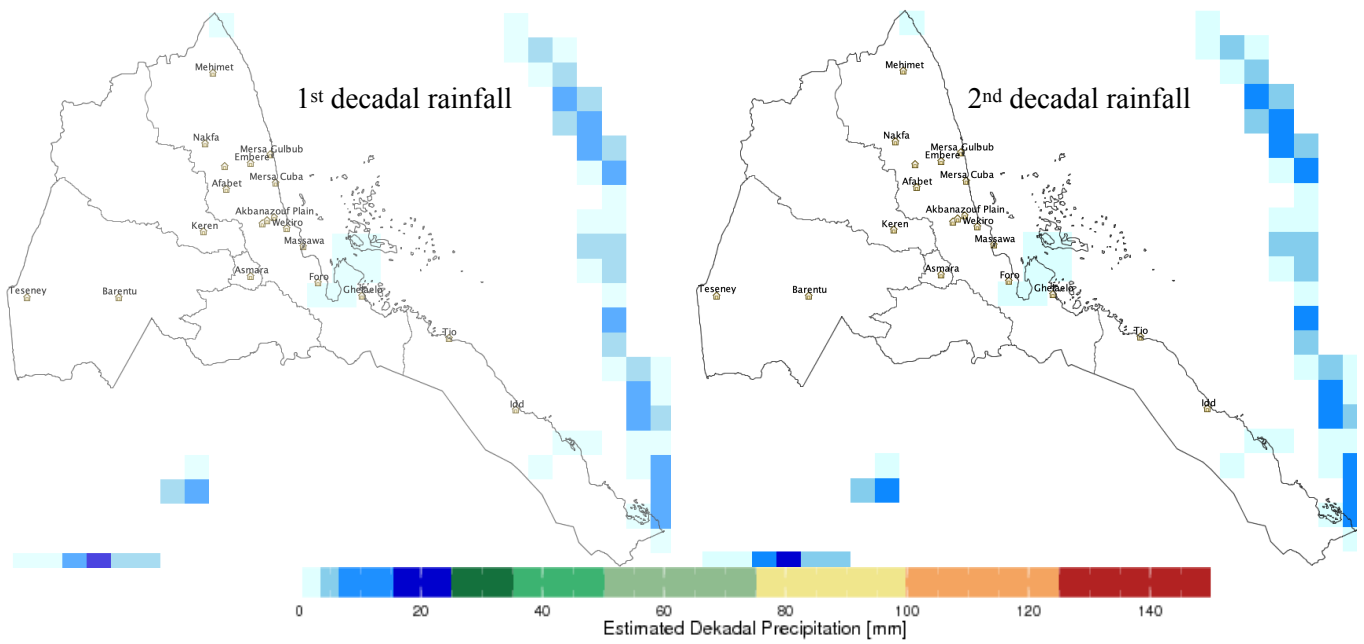
Desert locust survey and control operations conducted in the winter breeding areas of Eritrea. Ground control was carried out against *immature, Maturing, mature and breeding swarms; immature, maturing and breeding groups; Hopper groups and bands* on the Central and Northern Red Sea Coast. The vegetation status was green with almost moist to wet soil moisture through out the region. Breeding will continue along the Red Sea Coastal areas and there is probability of additional swarms migration from neighboring countries in the forecast period. maintaining regular survey and follow-up is essential.

DESERT LOCUST SITUATION

Desert locust survey and control operations conducted on the Northern Red Sea Coast during the month. Control was carried out against remnant *immature swarms* around Mehimet and karura bordering Sudan, extended up to Shieb and Demas on the Central Red Sea mixed with *immature groups* early in the month and *swarms* moved from Ethiopia to wards the Central Coast around Ghelalo late in the month; *maturing, mature and breeding swarms* with *mature and breeding groups* North of Marsa Gulbub extended further north up to Habel-Ketin. *1st-2nd gregarious hopper groups and bands* also present North eastern Mehimet and near Foro with *low density adults* on the surveyed areas. Ground control teams treated a total of 1,780 ha infested area successfully during the month of December,2020 and the operation is ongoing.

WEATHER AND ECOLOGICAL CONDITION

There was insignificant rainfall during the month. The vegetation status was green throughout the Northern Coast with moist and wet soil moisture.



FORECAST

Breeding of the invaded swarms and locally bred adults will continue on the Red Sea Coast, giving rise to hopper groups, bands and formation of adult groups as the environment seems favorable. And there is probability of cross movements of swarms from neighboring countries in the forecast period.

RECOMMENDATION

Maintaining regular survey and follow-up is Crucial.

AVAILABLE RESOURCES

1. Vehicles

. Pickup Land-cruiser15

2. Sprayers

. Vehicle mounted sprayer Micron Ulva MastV4E07

. Vehicle mounted sprayer Micron Ulva MastV4M.....09

. Vehicle mounted sprayer Micron Air AU 8115.....08

. Motorized knapsack sprayer739

. Hand held ULV91

. Micron air AU 8000 back pack ULV sprayer30

3. Pesticides

. Malathion 96% ULV4,500 Litres

4. Others

. Electrical (12V) pesticide loading pump12 (4 of them
damaged)

. e-locust314 (Nine are Functional)

. GPS30

. Desktop computers2

. Laptop computers2

. Master training kits2