



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



## DESERT LOCUST SITUATION BULLETIN NO. 11 NOVEMBER 2020

Email. [selamtekle647@gmail.com](mailto:selamtekle647@gmail.com)

Desert Locust Information Officer

Mobile no. +2917561175

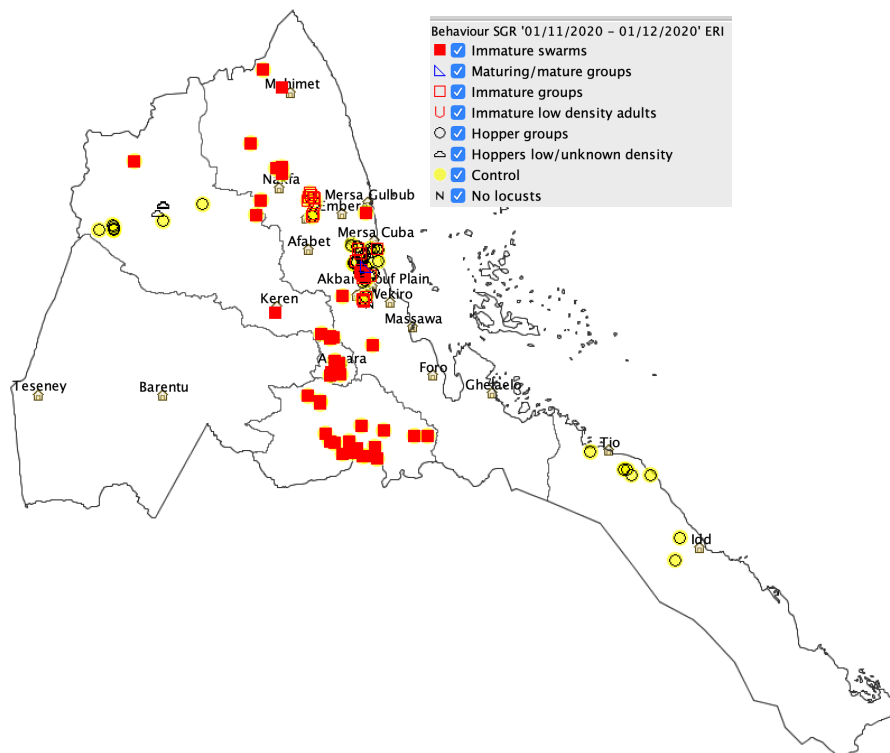
[tsium209@gmail.com](mailto:tsium209@gmail.com)

Mobile no. +2917157477

Tel. 291-1-189572

Asmara

Risk Levels



## SITUATION DURING NOVEMBER 2020 AND FORECAST FOR DECEMBER 2020

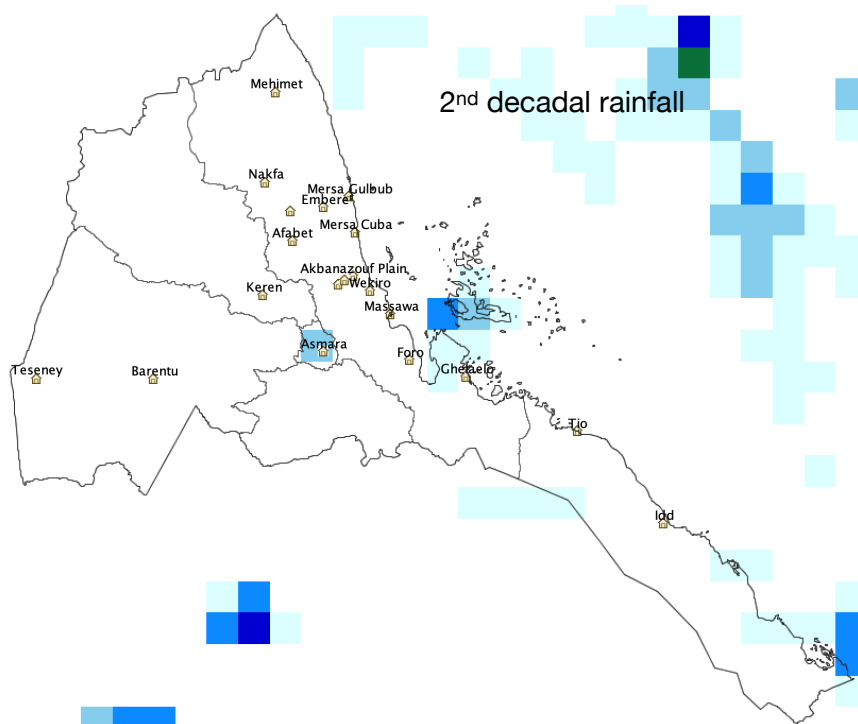
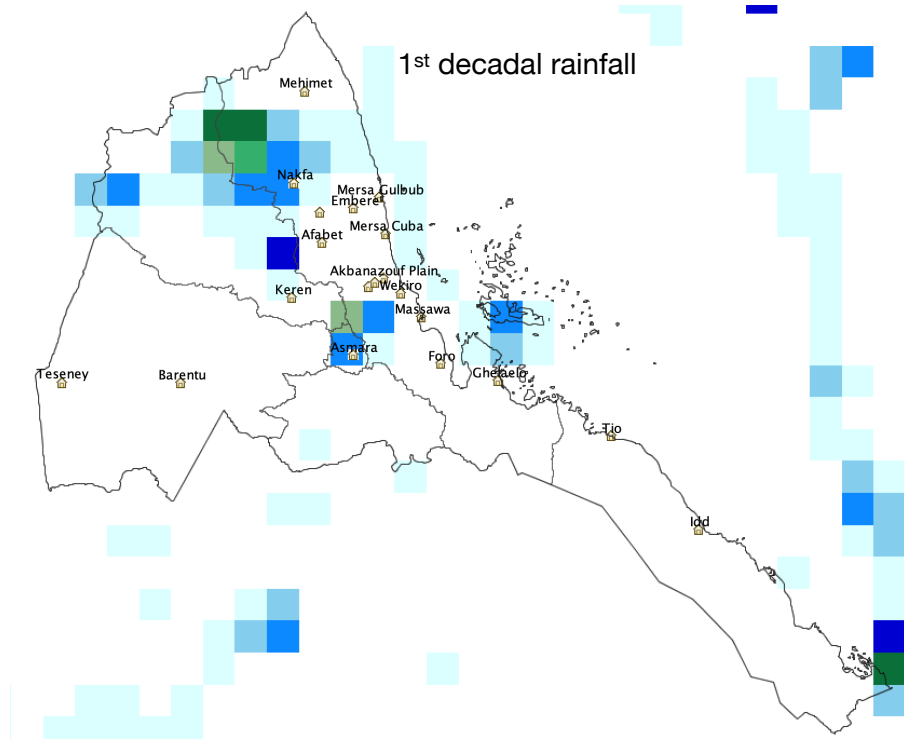
Desert locust survey and control operations conducted in all regions of Eritrea during this month. Ground control was carried out against *immature swarms* in the Southern, Central, Anseba, Gash-Barka and Northern Red Sea regions; *immature groups* mixed with *mature groups* and *low density immature adults* in the Northern Red Sea; *gregarious hopper groups* and *fledging* in the Northern Red Sea, Southern Red Sea Coasts and Western Low land of the country. The vegetation status was green on the Northern Red Sea Coast but dry in the other regions. 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 in all the six regions of Eritrea during this month. Control was carried out against *waves of immature swarms* from Northern Ethiopia almost towards all sub regions of Southern and Central regions, Anseba region around Keren and Asmat areas, Gash-Barka region near Selea and Northern Red Sea region near Adobha, Nakfa, Afabet early in the month. Another *immature swarm* detected around Demas of the Northern Red Sea mid in the month. In addition, late in the month, *immature swarms* migrated from Sudan to the Northern Most areas of Eritrea around Karura and spread up to Shieb on the Central Red Sea Coast. Locally bred *immature* and *mature adult groups*, *low density adults* mixed with *gregarious hopper groups of 1st-5th stages* and *fledging* also present extended on the Northern Red Sea through out the month and *gregarious hopper groups* on the Southern Red Sea Coast and Western Lowland early in the month. Ground control teams treated a total of 6,480 ha infested area successfully and the operation is ongoing.

# WEATHER AND ECOLOGICAL CONDITION

There was moderate rainfall on the Northern Red Sea on the third decade. The vegetation status was dry on the central highlands, western lowlands and the Southern Red Sea, but green on the Northern Red Sea Coasts.



## FORECAST

Breeding of the invaded swarms and locally bred adults will continue in the winter breeding areas, giving rise to hopper groups, bands and formation of adults as the environment becomes favorable. and there is probability of the additional swarms migration from neighboring countries in the forecast period.

## RECOMMENDATION

Maintaining regular survey and follow-up is Crucial.

## AVAILABLE RESOURCES

### 1. Vehicles

. Pickup Land-cruiser .....15

### 2. Sprayers

. Vehicle mounted sprayer Micron Ulva MastV4E .....07

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

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

. Motorized knapsack sprayer .....739

. Hand held ULV .....91

. Micron air AU 8000 back pack ULV sprayer .....30

### 3. Pesticides

. malathion 96% ULV .....6,500 Litres

### 4. Others

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

. e-locust3 .....14 (Nine are Functional)

. GPS .....	30
. Desktop computers .....	2
. Laptop computers .....	2
. Master training kits .....	2