



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

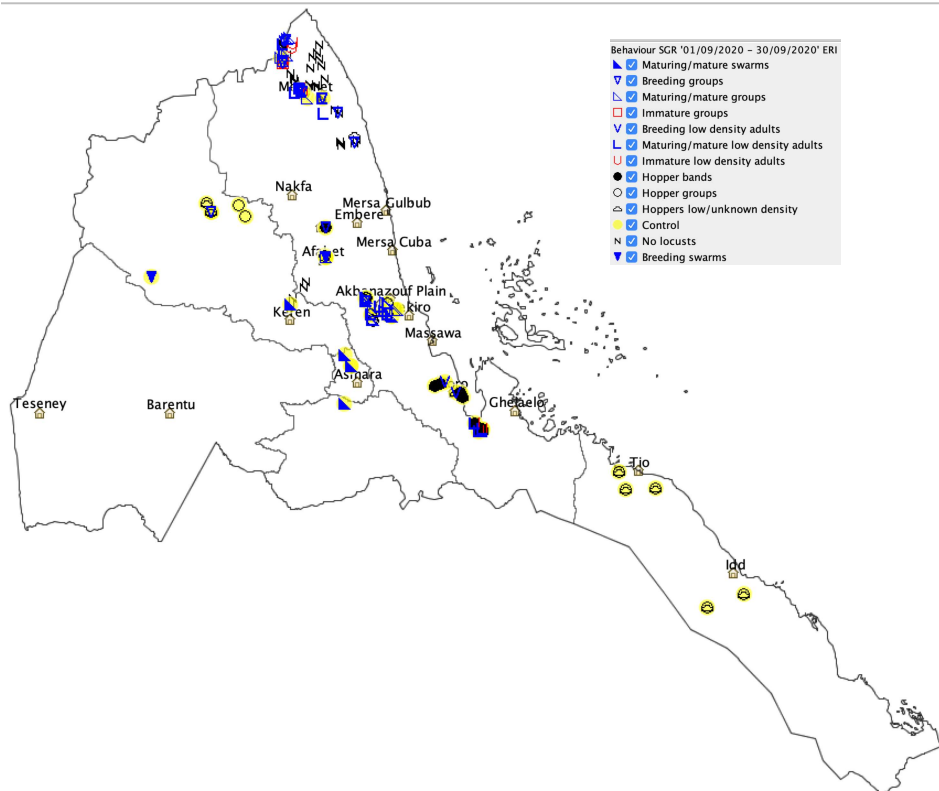


**DESERT LOCUST SITUATION BULLETIN NO. 9
SEPTEMBER 2020**

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Risk levels

- Calm**
- Caution**
- Threat**
- Danger** ←



SITUATION DURING SEPTEMBER 2020 AND FORECAST FOR OCTOBER 2020

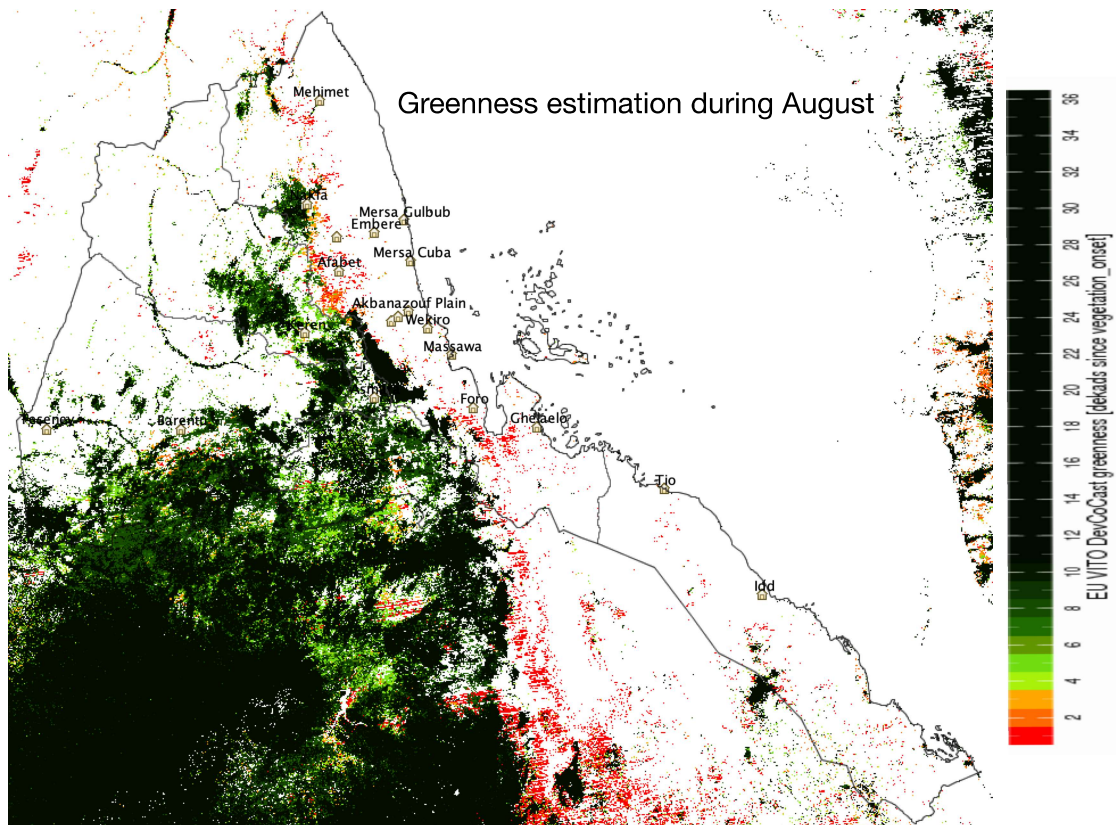
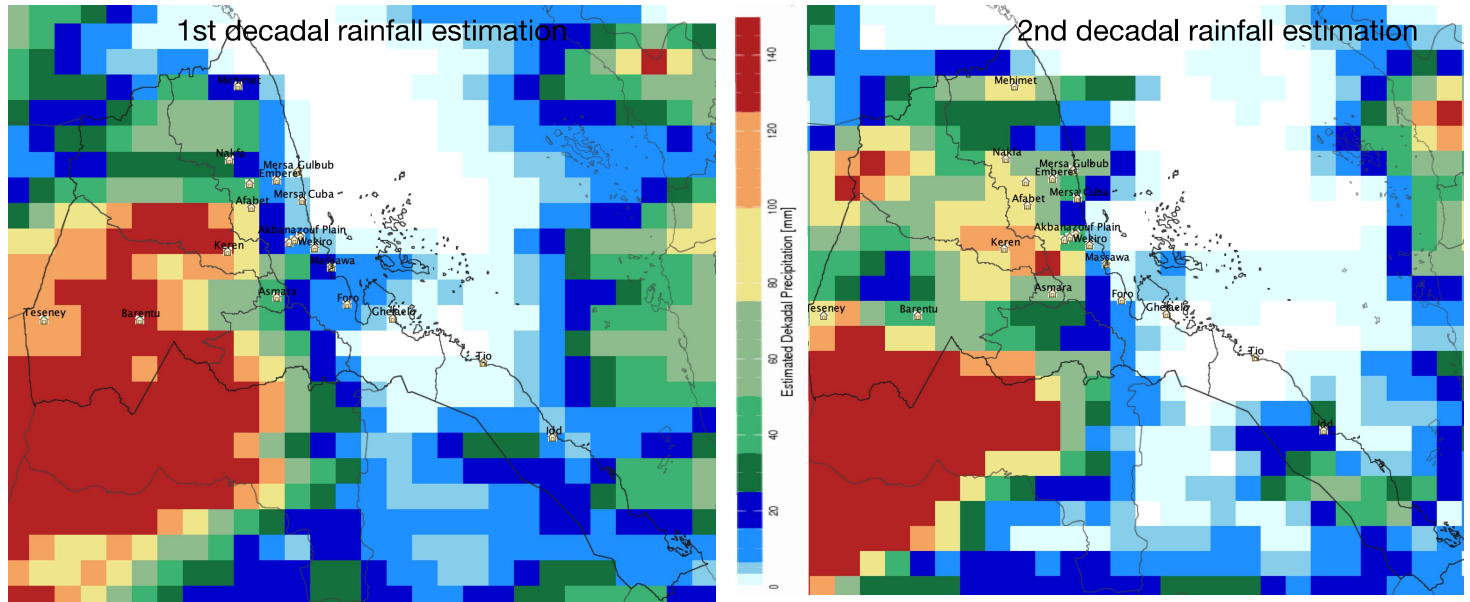
Desert locust survey and control operations carried out in all regions of Eritrea during this month. *Mature and breeding swarms* outbreak was seen in five regions of Eritrea except in the *Southern Red Sea*; *mature, breeding groups with low density adults* and *gregarious hopper groups* in the *Northern Red Sea, Southern Red Sea* and *Gash Barka* regions and *hopper bands* around Foro and Ghelalo. Moderate to high rainfall recorded throughout the country. The vegetation status was green and soil moisture was wet except in areas around Karura and Kerkebet. There is high probability of locust breeding and additional swarms migration from neighboring countries in the forecast period. Hence, maintaining regular survey and follow-up is essential.

DESERT LOCUST SITUATION

Desert locust survey and control operations carried out in all the six Regions of Eritrea during this month. Several *mature and breeding swarms* outbreak was seen in the *Northern Red Sea* around Afabet; *Anseba region* around Adi-Tekeliezan, Habero and Hamelmalo; *Central Region* around Berik and Serejeka; *Southern region* around Dubarwa; and *Gash Barka region* around Kerkebet and Selea. *Mature and breeding groups* incorporated with low density adults extended from karura to Ghelalo in the *Northern Red Sea*; and Kerkebet in the *Gash Barka* region. *1st-5th gregarious hopper groups* seen around Afabet as well as Shieb (*Northern Red Sea*); Kerkebet and Selea (*Gash Barka*) which is near Asmat and Habero Sub-regions of *Anseba region* and *Southern Red Sea coastal areas* around Araeta, Central and Southern Denkalya Sub regions. *Hopper bands* were also detected around Afabet, Foro and Ghelalo Ground control teams treated a total of 5,509 ha infested area successfully and the operation is in progress.

WEATHER AND ECOLOGICAL CONDITION

There was high to moderate rainfall in areas of Gash-Barka, Anseba, Southern Regions and even in the winter breeding areas of the country. The vegetation status is drying around Karura and Kerkebet but still green on the other mentioned areas. Similarly, soil moisture is wet in most areas except Karura.



FORECAST

Locust number will be decreased in the summer breeding areas and breeding is expected to continue on the Red Sea Coast. Besides, additional swarms migration from neighboring countries may occur in the forecast period.

RECOMMENDATION

Maintaining regular survey and follow-up is Crucial.

AVAILABLE RESOURCES

1. Vehicles

- Pickup Land-cruiser09

2. Sprayers

- Vehicle mounted sprayer Micron Ulva MastV4E07
- Vehicle mounted sprayer Micron Ulva MastV4M.....09
- Vehicle mounted sprayer Micron Air AU 8115.....04
- Motorized knapsack sprayer739
- Hand held ULV91
- Micron air AU 8000 back pack ULV sprayer30

3. Pesticides

- Fenitrothion 96% ULV 2,195 Litres
- malathion 96% ULV21,600 Litres

4. Others

- Electrical (12V) pesticide loading pump12 (4 of them damaged)
- e-locust3 14 (09 of the

are Functional)

- GPS 20
- Desktop computers 2
- Laptop computers 2
- Master training kits 2