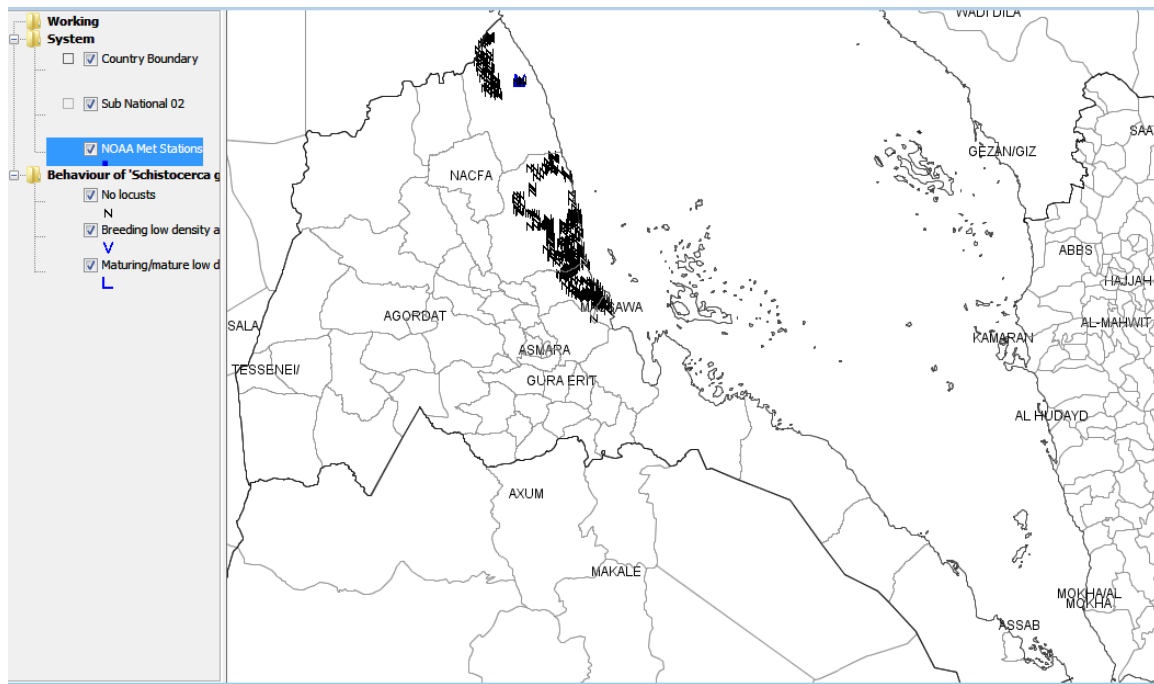


MINISTRY OF AGRICULTURE – MIGRATORY PESTS & DESERT LOCUST UNIT

DESERT LOCUST BULLETIN NO.01-16(January, 2016) Date issued Feb 01, 2016

JANUARY 2016



DESERT LOCUST SITUATION DURING JANUARY & FORECAST FOR FEBRUARY, 2016

Desert locusts Situation was continued calm and only low density solitary copulating adult were detected during January. Desert locust Survey was conducted during the month along the Red Sea coast of the country between karura (N175533/E0382716) and Massawa (N154128/E0392515).

Most of the vegetation status was green in all surveyed areas during the survey period. There was light to moderate rain fall South of Massawa during the 1st and 3rd decade of the month. There was also light rain fall in areas around karura during 3rd decade of the month. Ecological conditions are expected to remain favorable for Locust breeding during February, 2016 along Red sea coast.

Joint survey was also conducted in the border between Eritrea named kujeli (N178181/E0384331) and Sudan named Aiterba (N175753/E0382334).The ecological condition was found conducive for locust breeding in both countries but no locust was detected.

Weather and Ecological Conditions

Most of the vegetation status was green in all surveyed areas during the survey period. There was light to moderate rain fall South of Massawa during the 1st and 3rd decade of the month. There was also light rain fall in areas around karura during 3rd decade of the month. The soil moisture was wet in most surveyed areas during the report period.

Locust situation

Desert locust Situation was calm and only low density solitary copulating adults and isolated solitary maturing adults were detected during January around Mahmimet site called Edret (N155046/0387184).

Forecast

Ecological conditions are expected to remain favorable for Locust breeding during February 2016 along Red sea coast. Small scale breeding is likely to occur around Mahmimet.

Recommendation

Organizing regular surveys is crucial to monitor locust development in the winter breeding areas along Red sea coast of the country.

AVAILABLE RESOURCES

1. Vehicles

- Pickup land cruiser----- 8 functional (one damaged by accident)

2. Sprayers

- Vehicle mounted sprayer Ulva Mast----- 07
- Vehicle mounted sprayer Micron air----- 05
- Motorized knapsack sprayers ----- 50
- Hand held ULV----- 91
- Micron air AU 8000 back pack
ULV sprayer----- 08

3. Pesticides

- Fenitrothion 96% ULV-----18,250 Liters.

3. Others

- Electrical(12v)pesticide

- Loading pumps -----12 (4 of them damaged)
- e-Locust3 ----- 14 (1 of them damaged)
- e-Locust2 ----- 14
- GPS --23 functional &10damaged
- Desk top Computer - ----- 2
- Laptop computers ----- 2
- Master training kits----- 2