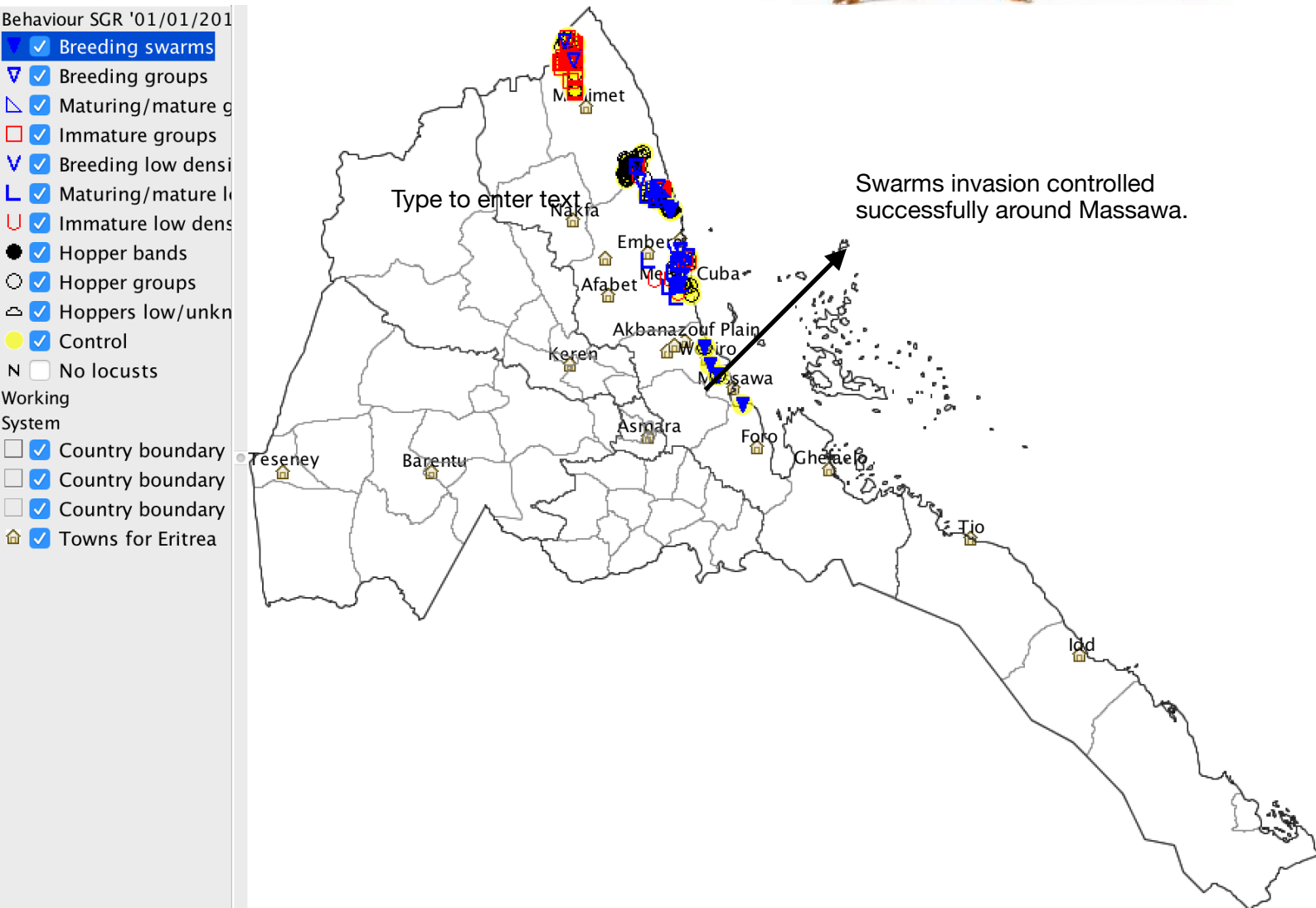


DESERT LOCUST BULLETIN: NO:01-19 (January, 2019)

**MINISTRY OF AGRICULTURE
MIGRATORY PESTS AND DESERT LOCUST UNIT
DATE ISSUED NO 05 JANUARY , 2019**



Map.1. DL control was conducted b/n Massawa and Karura.

1.

SITUATION DURING JANUARY, 2019 AND FORECAST FOR FEBRUARY, 2019.

Desert locust Survey and control operations conducted in winter breeding areas of Eritrea along Red sea coast from Massawa to northern part to of the country border to Sudan. Control operation was carried out against gregarious all stages of hopper groups and bands, adult groups and swarms . A total area of 7,665 was treated. Part of the vegetation status was medium green and the rest start to dry. In the forecast period the late instars will likely to develop to immature adult groups. Maintaining regular monitoring is essential during the season.

WEATHER AND ECOLOGICAL CONDITIONS

some of the vegetation status was medium green and the rest start to dry. Most of the soil moisture was wet during the month.

DESERT LOCUST SITUATION

Control operation was carried out against all stages of gregarious hopper groups and bands , fledgling, gregarious immature and mature adults . A total area of 7,665 was treated. From the mentioned treated area, 1,550 ha was surrounded by the Swarms around Massawa which were arrived from Sudan

FORECAST

In the forecast period the late instars will likely to develop to immature adult groups. Maintaining regular monitoring is essential during the season.

RECOMMENDATION

AVAILABLE RESOURCES

1. Vehicles

- Pickup land cruiser———9

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—————30

3. Pesticides

- Fenitrothion 96% ULV ———-35,125 Liters
- Malathion 96% ULV—————15,000 Liters

1. Others

- Electrical (12V) pesticide loading pumps
—12(4 of them damaged)
- e-locust3—————14(1 of them damaged)
- GPS—————20
- Desktop Computer—————2
- Laptop computers—————2
- Master training Kits—————2