

PROCEEDING OF THE FOURTH BORDER MEETING OF THE LOCUST OFFICERS OF INDIA AND PAKISTAN HELD AT MUNABAO- KHOKHROPAR BORDER MEETING POINT AT 0930 HOURS (IST) 0900 HOURS (PST) ON 18TH SEPTEMBER, 2013

The fourth border meeting of the year 2013 between the Locust Officers of India and Pakistan was held on 18th September, 2013 at Munabao/ Khokhropar Border Meeting Point (India side) at 0930 hours (IST) /0900 hours (PST). The following officers attended the meeting:

INDIA

1. Dr. Vageesh Pandey, Plant Protection Officer (Ento), LCO, Jaisalmer
2. Mr. D.S. Poonia, Plant Protection Officer (Ento), LCO, Barmer
3. Mr. Jankisharan Singh, Assistant. Plant Protection Officer, LCO, Barmer
4. Mr. P.K.Gour, SA/ Desert Locust Information Officer LWO, Jodhpur

PAKISTAN

1. Mr. M. Sohail Shahzad, Deputy Director (Locust) Mirpur Khas.
2. Mr. Shams-ur-Rehman, Entomologist (Locust), Mirpur Khas
3. Mr. Abdul Sattar, Assistant Entomologist (Locust), Mirpur Khas
4. Mr. M. Javed Khan, Locust Assistant / Desert Locust Information Officer, Karachi

LOCUST SITUATION

(21th August to 16th September, 2013)

Scheduled distant / cross country and Special Border Locust surveys in the scheduled desert area (SDA) and adjacent areas of Indo- Pak border were conducted by the Locust officers and staff of both the countries in their respective jurisdiction. Based on the survey data, it has been established that India and Pakistan remained free from gregarious desert Locust activity during the period under report. In India solitary mature adult locust population were recorded at 03 localities ranging from 03 to 20 adults per hectare. The maximum solitary adult locust population has been recorded at R.K.Dhani BOP (275139N- 712433E) in Jaisalmer district on dated 04.09.2013.

In Pakistan matured solitary adults with a population of 06-25 adults / hectare were observed at 06 localities in Rahimyar Khan and 18 localities in Bahawalpur in Cholistan desert of Punjab. A maximum population of 25 adults/hectare was observed at Kakki (275329N-712638E) in Bahawalpur areas 07-09-2013.

ECOLOGICAL CONDITIONS

No rainfall recorded in the SDA of both the countries during the period under report. Same has also been shown in Rainfall estimation map for IIIrd decade of August and Ist decade of September 2013.

In India seasonal vegetation has come up in the SDA with green stages as the same is visible from green vegetation map. Suitable soil moisture was available in most of the SDA in India side during the period under report. In Pakistan vegetation in all the surveyed areas of Mirpur Khas and Rahimyar Khan was green, whereas it was found in the greening state in Sukkur area and a mixture of green and greening in Bahawalpur areas. As far as the soil moisture is concerned, it was found dry in Rahimyar Khan and Mirpur Khas areas, whereas in Sukkur it was found wet. In Bahawalpur area it was mostly wet but at some localities it was found dry.

Wind direction at 300 m remained SW to NE during the reporting period and it is likely to continue during the coming month.

FORECAST

As per the field survey reports, the locust situation is calm across the summer-monsoon breeding areas. However, keeping in view of favourable ecological conditions and availability of solitary individuals at scattered locations in scheduled desert area during 1st fortnight of September, 2013, a strict vigilance may be maintained on the locust potential areas of both the countries.

MISCELLANEOUS:

Fortnightly Desert Locust Situation Bulletins, RAMSES map showing locust situation, green vegetation and rainfall estimation maps for the reporting period of both the countries were exchanged/ discussed.

VENUE OF THE NEXT MEETING

The 05th border meeting of Locust Officers India and Pakistan for the year 2013 will be held at Khokhropar/ Munaboa Border Meeting Point on 23rd October, 2013 (Pakistan side) at 0900 hours (PST) / 0930 hours (IST).

ACKNOWLEDGMENT

The Locust Officers of both the countries expressed their deep and sincere thanks to the Border Security Force of India and Pakistan Rangers for extending their full cooperation and support in arranging this meeting at Munabao Meeting Hall in India side. Delegates from Pakistan thanked to Indian delegates for their cordial welcome, hospitality and courteous dealing during the course of meeting.

Place: Munaboa, Meeting Hall, India
Date: 18th September, 2013

PARTICIPANTS

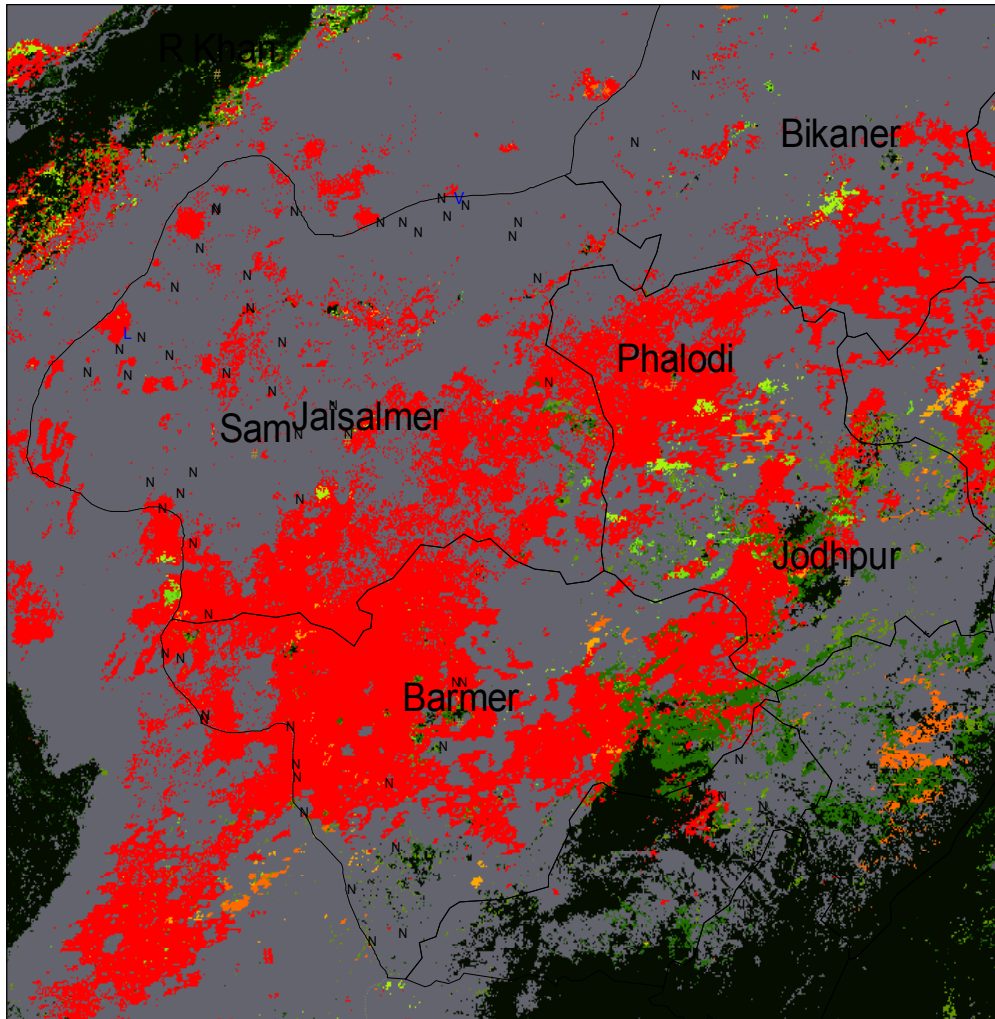
INDIA

- 1 Dr. Vageesh Pandey
Plant Protection Officer (Ento),
LCO, Jaiselmer
- 2 Mr. D. S. Poonia
Plant Protection Officer (Ento),
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- 3 Mr. Jankisharan Singh,
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- Mr. M. SOHAIL SHAHZAD
Deputy Director (Locust)
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- Mr. Shams-ur-Rehman,
Entomologist,
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- Mr. Abdul Sattar,
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Mirpur Khas.
- Mr. M. JAVED KHAN
L.A./Desert Locust Information Officer
Karachi

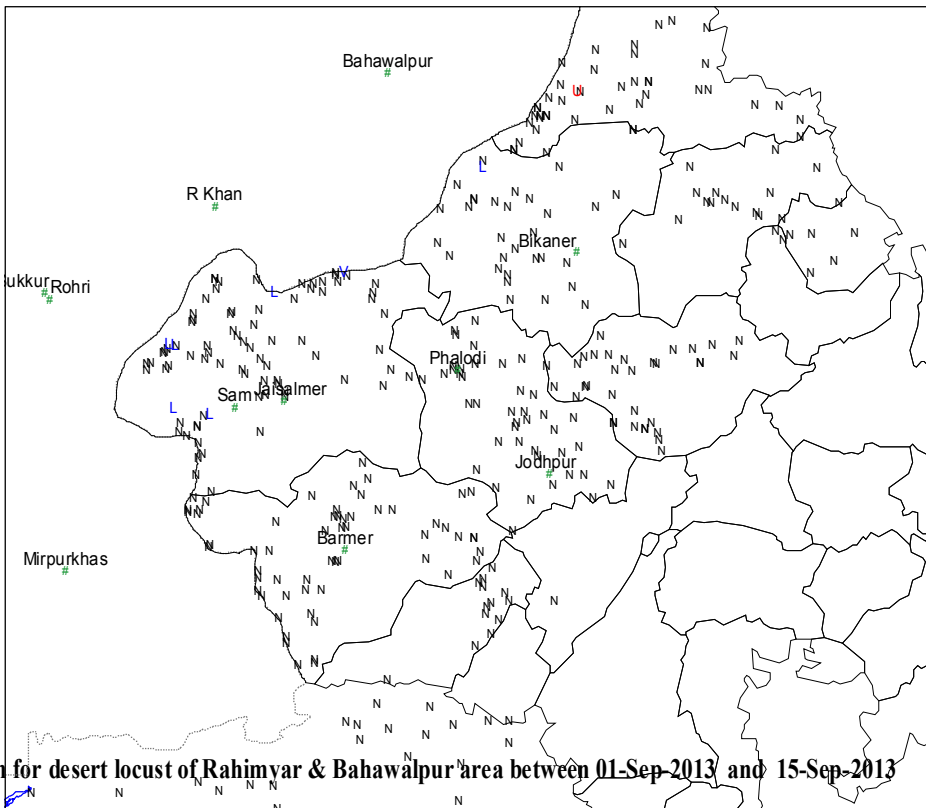
Green Vegetation status for III decade of August 2013 .



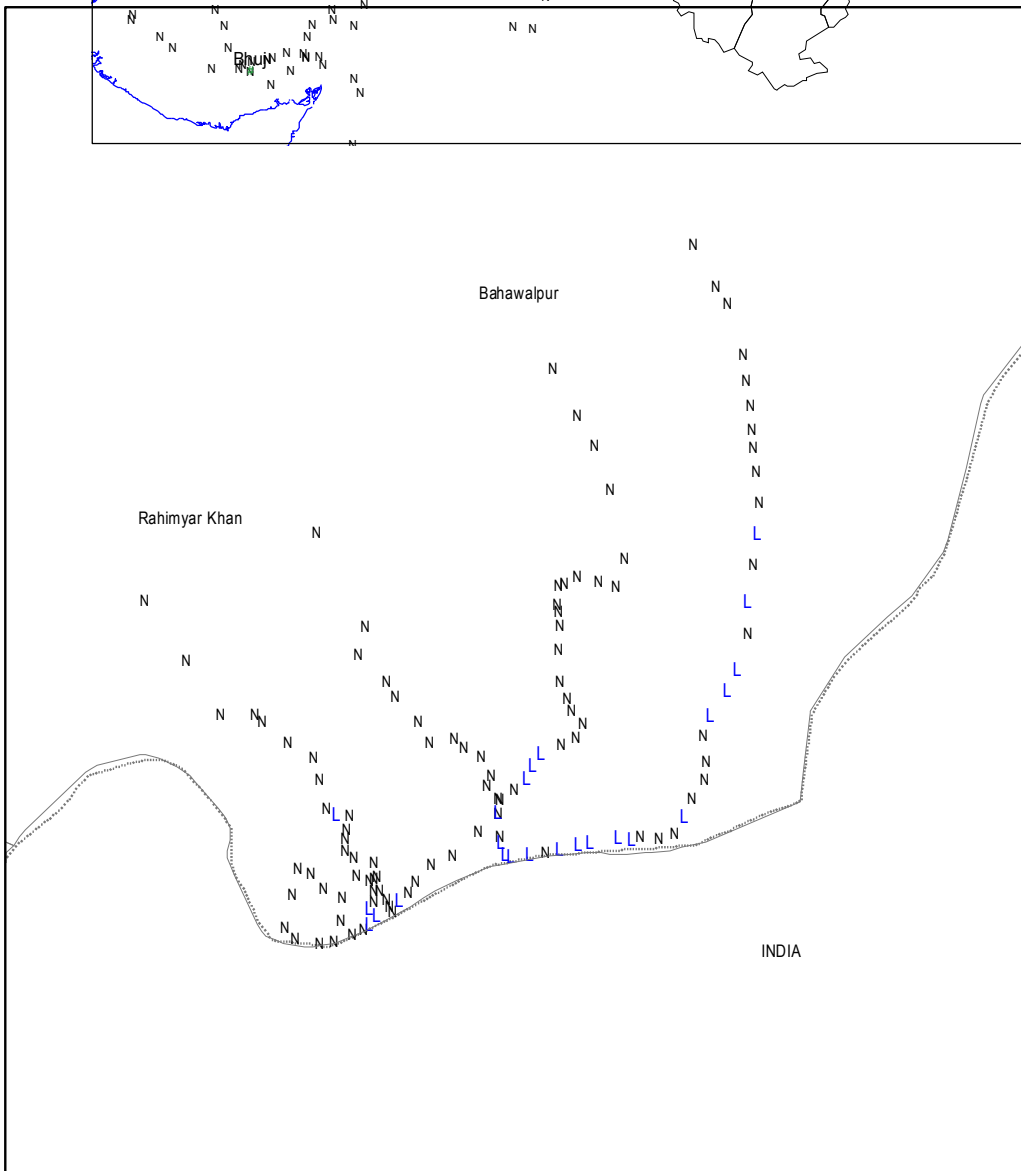
Color indication;
 Red is 1 week greenery
 Dark orange 2 week
 Orange 3 week
 Light green 4 week
 Green 5 week
 Olive green 6 week
 Dark green 7 week
 Darker green 8 week

- Rajadmin2.shp
- # Africasiantowns5.shp
- V Breeding low density locusts
- L Mature low density adults
- N No locusts
- Country boundary
- Country
- Coast

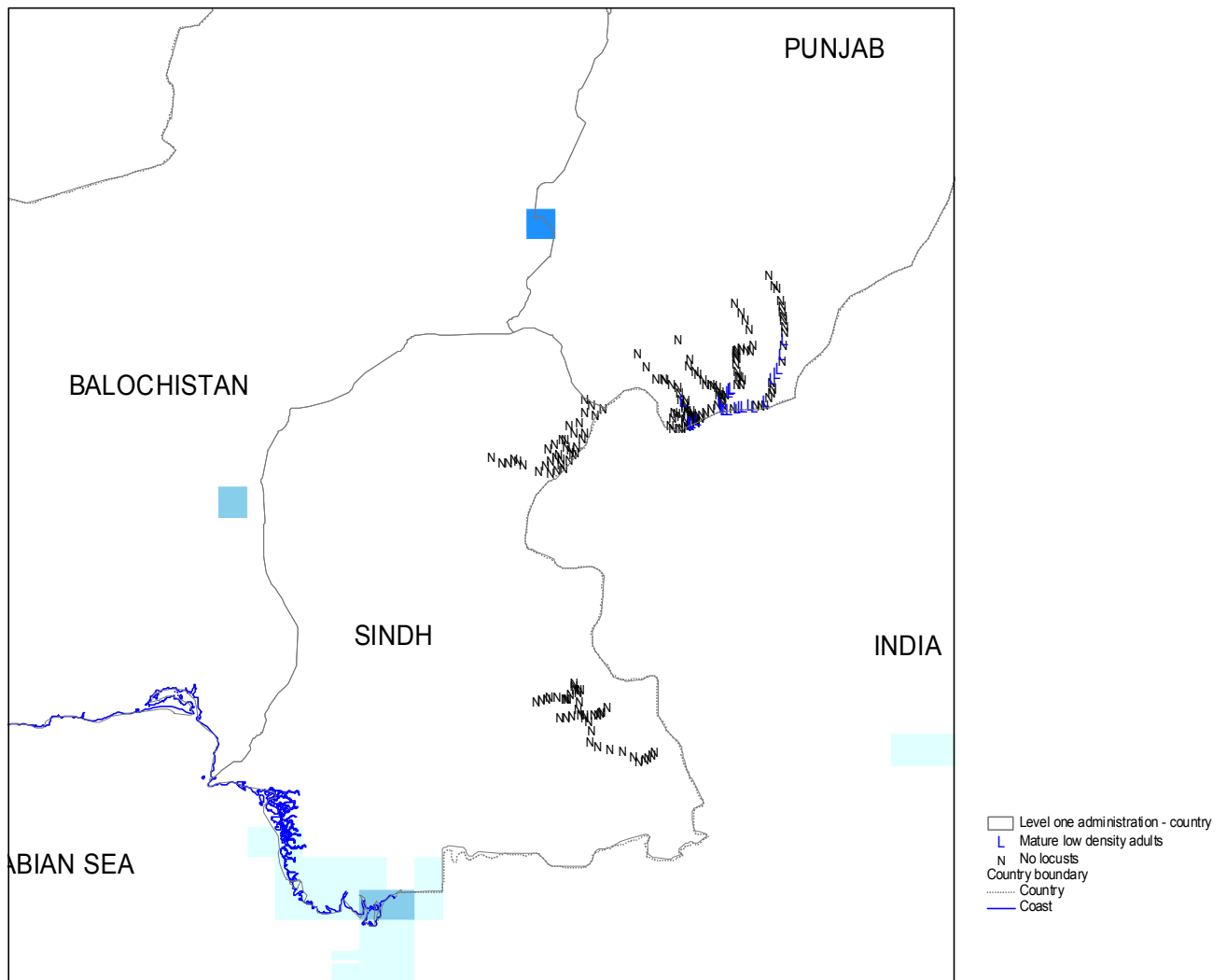
Situation for desert locust between 21-Aug-2013 and 16-Sep-2013



Situation for desert locust of Rahimyar & Bahawalpur area between 01-Sep-2013 and 15-Sep-2013



Rainfall map for the first decade of September, 2013



Greenness map and Situation for desert locust between 01-Sep-2013 and 15-Sep-2013

