

PROCEEDING OF THE SIXTH BORDER MEETING OF THE LOCUST OFFICERS OF INDIA AND PAKISTAN HELD AT MUNABAO- KHOKHROPAR BORDER MEETING POINT AT 0930 HOURS (IST) 0900 (PST) HOURS ON 07TH NOVEMBER, 2013

The sixth border meeting of the year 2013 between the Locust Officers of India and Pakistan was held on 7th November, 2013 at Munabao/ Khokhropar Border Meeting Point (India side) at 0930 hours (IST)/ 0900 hours (PST) The following officers attended the meeting:

INDIA

1. Mr. A.K.Rai, Deputy Director (Entomology), LWO, Jodhpur
2. Mr. D.S. Poonia, Plant Protection Officer (Entomology), LCO, Barmer
3. Mr. Om Prakash Panwar, Assistant Plant Protection Officer, LWO, Jodhpur
4. Mr. Pramod Kumar Gour, SA & Desert Locust Information Officer-1, LWO, Jodhpur

PAKISTAN

1. Mr. Shams-ur-Rehman, Entomologist, Mirpur Khas.
2. Mr. Abdul Sattar, Assistant Entomologist (L), Mirpur Khas.

LOCUST SITUATION
(20th September to 05th November, 2013)

Scheduled distant/ cross country and Special Border Locust surveys in the scheduled desert area including area of Indo- Pak border were conducted by the Locust survey teams 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. However solitary mature adult locust population was recorded at 01 locality during the last week of September, at 12 localities during the 1st fortnight of October and at 08 localities during the 2nd fortnight of October 2013 (total 21 localities) ranging from 02 to 100 adults per hectare in India side. The maximum solitary adult locust population was recorded at Silvi (274908 N-712243E) on dated 04.10.2013 and Naura (275135N-712207E) on dated 09.10.2013 in district Jaisalmer.

Mature solitary locust population was found at 09 localities in Rahimyar Khan area with a population range of 06-12 adults per hectare. A maximum population of 12 adults / hectare was recorded at Gunianwala (274610N-705716E) in Rahimyar Khan area on 26-09-2013 in Pakistan side. There was no locust survey conducted during the month of October and November, 2013 and survey data was not available

ECOLOGICAL CONDITIONS

In India rainfall was recorded at few places in low intensity in the scheduled desert areas of India during the period under report. The green vegetation maps show the presence 07th to 08th week old vegetation in medium to low density which has started drying in the SDA of India during the period under report.

In Pakistan there was no rainfall recorded except at two places viz. Mirpur Khas 45 mm and Mithi 48 mm in the month of September and October respectively. Green vegetation is in drying stage.

Soil moisture was not suitable for locust breeding in the SDA of both the countries.

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

FORECAST

It is mentioned that as the existing ecological conditions will become unfavourable in the coming months (onset of winter season) and the past survey data, showed a decline in the locust population in the SDA of both the countries there is least possibility of any further development of locust population.

MISCELLANEOUS:

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

VENUE OF THE NEXT MEETING

The 1st border meeting of Locust Officers India and Pakistan for the year 2014 is proposed to be held at Khokhropar/ Munaboa Border Meeting Point on 11th June, 2014 (Pakistan side) at 0800 hours (PST) / 0830 hours (IST)

ACKNOWLEDGMENT

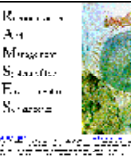
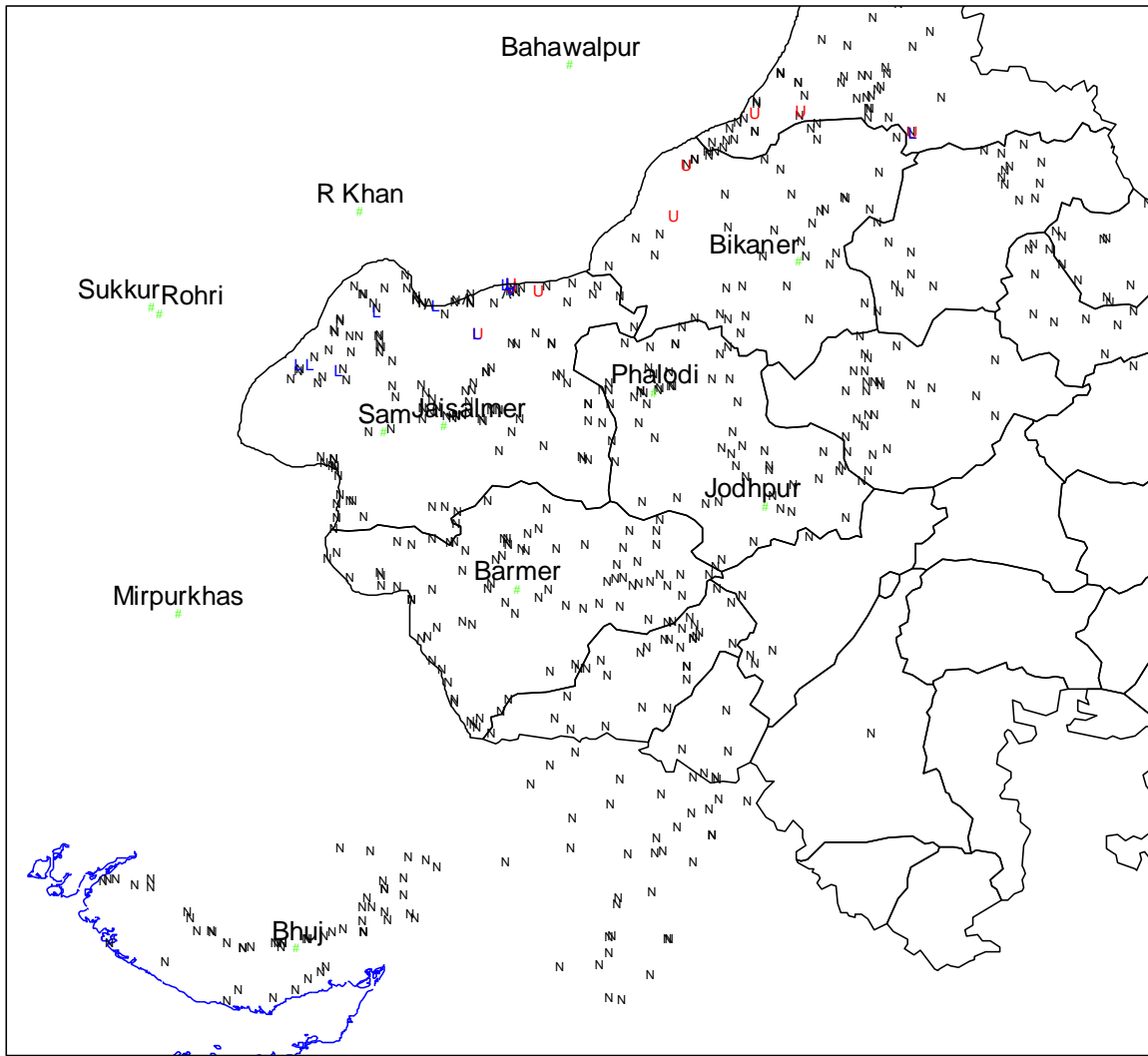
The Locust Officers of both the countries expressed their deep and sincere thanks to the Border Security Force of India and Pakistan Rangers for extending their full cooperation and support in arranging this meeting at Munabao Meeting Hall in India side. Delegates from Pakistan thanked to Indian delegates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

Place: Munabaor Meeting Hall, Pakistan
Date: 07th November, 2013

PARTICIPANTS

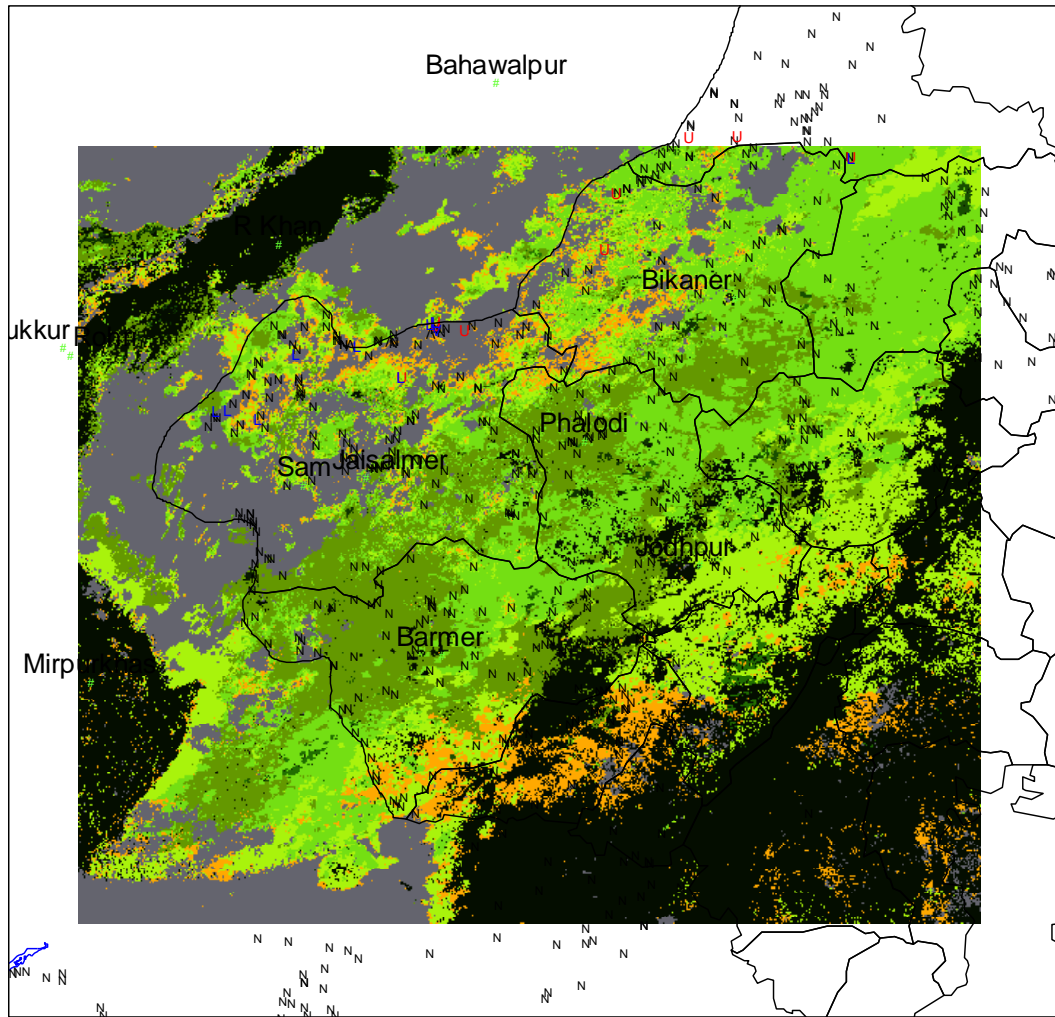
	<u>INDIA</u>	<u>PAKISTAN</u>
1	Mr. A.K.Rai Deputy Director (Entomology) LWO, Jodhpur	Shams-Ur-Rehman Entomologist (Locust) Mirpur Khas
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Situation for desert locust between 20-Sep-2013 and 05-Nov-2013



- # Africaasiantowns
- Rajadmin2.shp
- V Breeding low density
- L Mature low density
- U Immature low density
- ^ Low density adults
- N No locusts
- Country boundary
- Country
- Coast

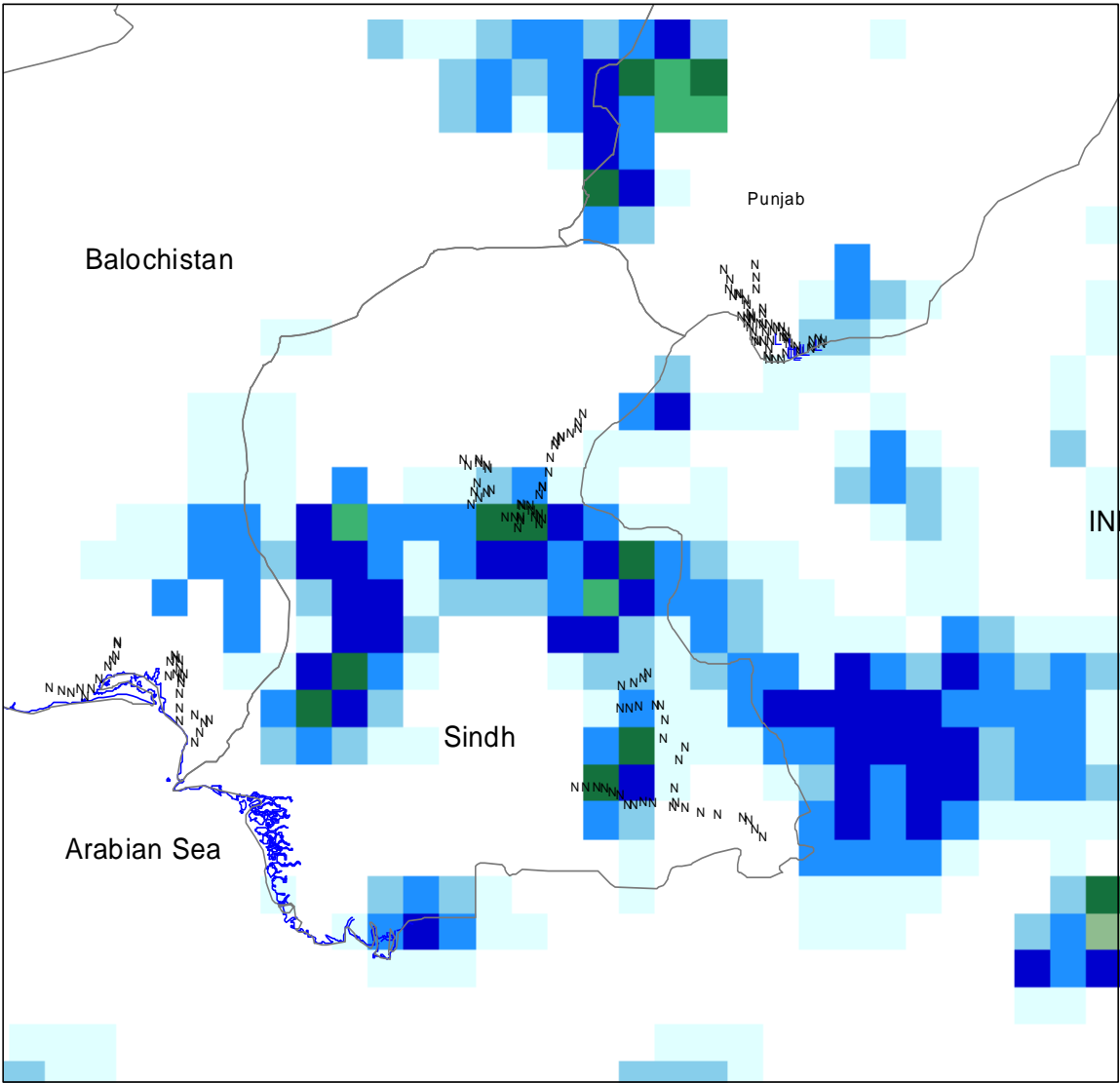
Green vegetation status map during 01 to 10/10/2013.



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

- # Africaasian towns5.shp
- Rajadm.in2.shp
- ∇ Breeding low density locusts
- L Mature low density adults
- U Immature low density adults
- ∧ Low density adults of unknown maturity
- N No locusts
- Country boundary
- Country
- Coast

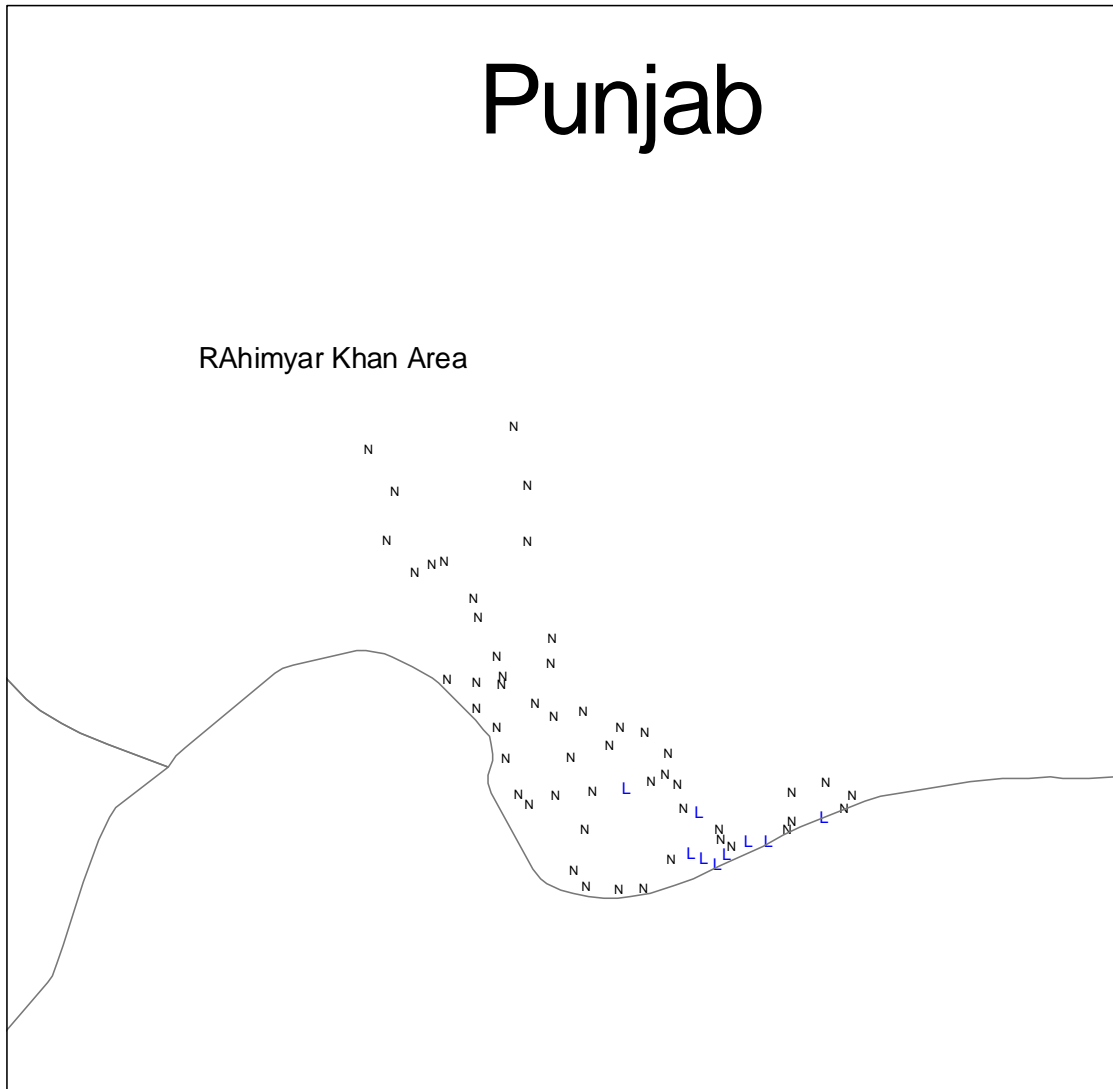
Situation for desert locust between 17-Sep-2013 and 06-Nov-2013



Situation for desert locust between 17-Sep-2013 and 06-Nov-2013

Punjab

RAhimyar Khan Area



- Level one administrative boundary
- Mature low density adult
- No locusts
- Country boundary
- Country
- Coast

Situation for desert locust between 16-Sep-2013 and 30-Sep-2013 and Greenness map for first decade of Sept, 2013

