

PROCEEDING OF THE FIFTH BORDER MEETING BETWEEN LOCUST OFFICERS OF INDIA & PAKISTAN HELD AT MUNABAO / KHOKHROPAR BORDER POINT ON 21st NOVEMBER, 2017

The fifth and last Indo-Pak border meeting of the year 2017 between the Locust officers of India and Pakistan held on 21st November, 2017 at Munabao / Khokhropar border point (Indian side) at 0930 hours (IST)/ 0900 hours (PST). The following officers participated in the meeting:

INDIA

1. Mr. Padam Singh, PPO(Entomology), FSIL Bikaner
2. Mr. Om Prakash, Assistant Plant Protection officer, LWO Jodhpur
3. Mr. Amit Kumar Meena, APPO, LCO Jaisalmer
4. Mr. Chandra Shekhar Sharma, Scientific Assistant, LWO Jodhpur
5. Mr. Duda Ram, SA LCO, Nagaur

PAKISTAN

1. Mr. Muhammad Tariq Khan, Deputy Director (Locust) HQs, Karachi
2. Mr. Muhammad Hussain Dars, Assistant Entomologist (Locust), Mirpur Khas
3. Mr. M. Shahbaz, Assistant Entomologist (Locust),HQs, Karachi

DESERT LOCUST SITUATION (23 October to 20 November 2017)

Distant, Cross Country and Special Border Survey on locust in the Scheduled Desert Areas of India were conducted by 11 Locust Circle Offices in their respective jurisdiction. Based on the survey data/observations, it has been observed that India has continued to remain free from gregarious as well as solitary desert locust activities. Whereas on Pakistan side, the routine locust surveys were carried out in the summer-monsoon breeding areas of Nara and Tharparkar deserts in Sindh, Cholistan desert in Punjab and in seasonal overlapping area of Uthal in Balochistan during the reporting period. A total number of 192 localities were surveyed. During the survey, no gregarious locust activity was found any where in Pakistan. However, low density isolated mature solitarious adults were seen only at 01 locality with a density of 6 adults / hectare at Achalwali (284108N-720724E) in Bahawalpur area of Cholistan desert on 29-10-2017.

ECOLOGY AND WEATHER

On interpretation of rainfall estimation map for the 3rd decade of October, 2017 and 1st decade of November, 2017, no rainfall was occurred in any locust potential areas of both countries. As per green vegetation status map for 3rd decade of October and 1st decade of November 2017, the vegetation is becoming drying/dry in the desert areas of both the countries. Soil moisture was also found dry in the surveyed areas during the reporting period in both the countries.

FORECAST

Due to prevailing unfavorable ecological conditions, the gregarious locust activity is not expected on both sides of the border. The existing isolated solitary locust individuals in Pakistan side may further decrease to minimum in the coming fortnight / month due to prevailing unfavorable ecological condition and fall of temperature.

MISCELLANEOUS

Fortnightly Desert Locust Situation bulletins, recent FAO locust bulletin, RAMSES maps showing locust situation, green vegetation and rainfall estimation for the reporting period of both the countries were exchanged and discussed during the meeting.

VENUE OF THE NEXT MEETING

The 1st border meeting of the year 2018 is proposed to be held at Khokhropar/ Munabao border point on 26th June 2018 at 0900 hours (PST) / 930 hours (IST) on Pakistan side.

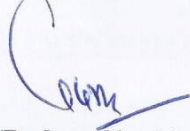
ACKNOWLEDGMENT

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 for making necessary arrangements for the meeting. Delegates from both the countries thanked each other for their cooperation for smooth conducting of the meeting. Pakistan delegation thanked Indian side for cordial welcome and hospitality extended during the course of fifth border meeting of the year 2017.

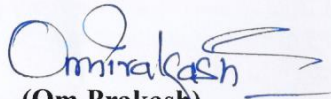
Place: Munabao Meeting Hall, India
Date: 21st November 2017

PARTICIPANTS

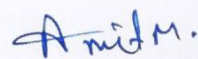
INDIA



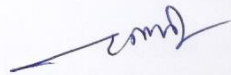
(Padam Singh)
Plant Protection Officer (Ento.)
FSIL Bikaner



(Om Prakash)
Assistant Plant Protection Officer
LWO Jodhpur



(Amit Kumar Meena)
Assistant Plant Protection Officer
LCO Jaisalmer



(Chandra Shekhar Sharma)
Scientific Assistant
LWO, Jodhpur

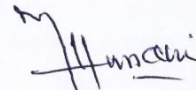


(Duda Ram)
Scientific Assistant
LCO Nagaur

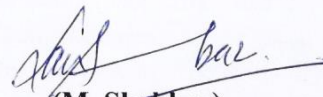
PAKISTAN



(Muhammad Tariq Khan)
Deputy Director(Locust) HQs,
Karachi



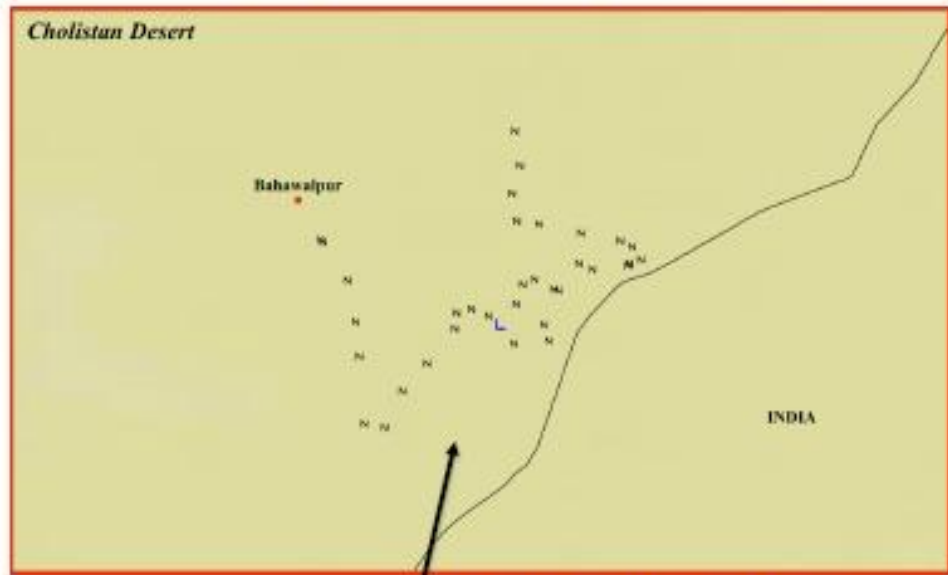
(Muhammad Hussain Dars)
Assistant Entomologist(Locust)
MirpurKhas



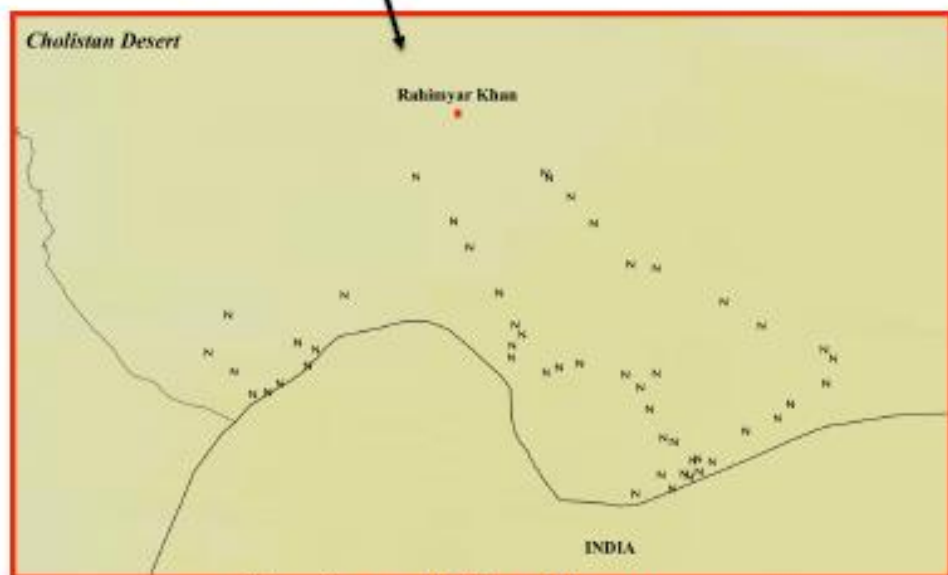
(M. Shahbaz)
Assistant Entomologist (Locust)
HQs, Karachi

Locust Survey Data Pakistan

Map showing the desert locust situation in Bahawalpur and Rahimyar Khan areas in Cholistan Desert

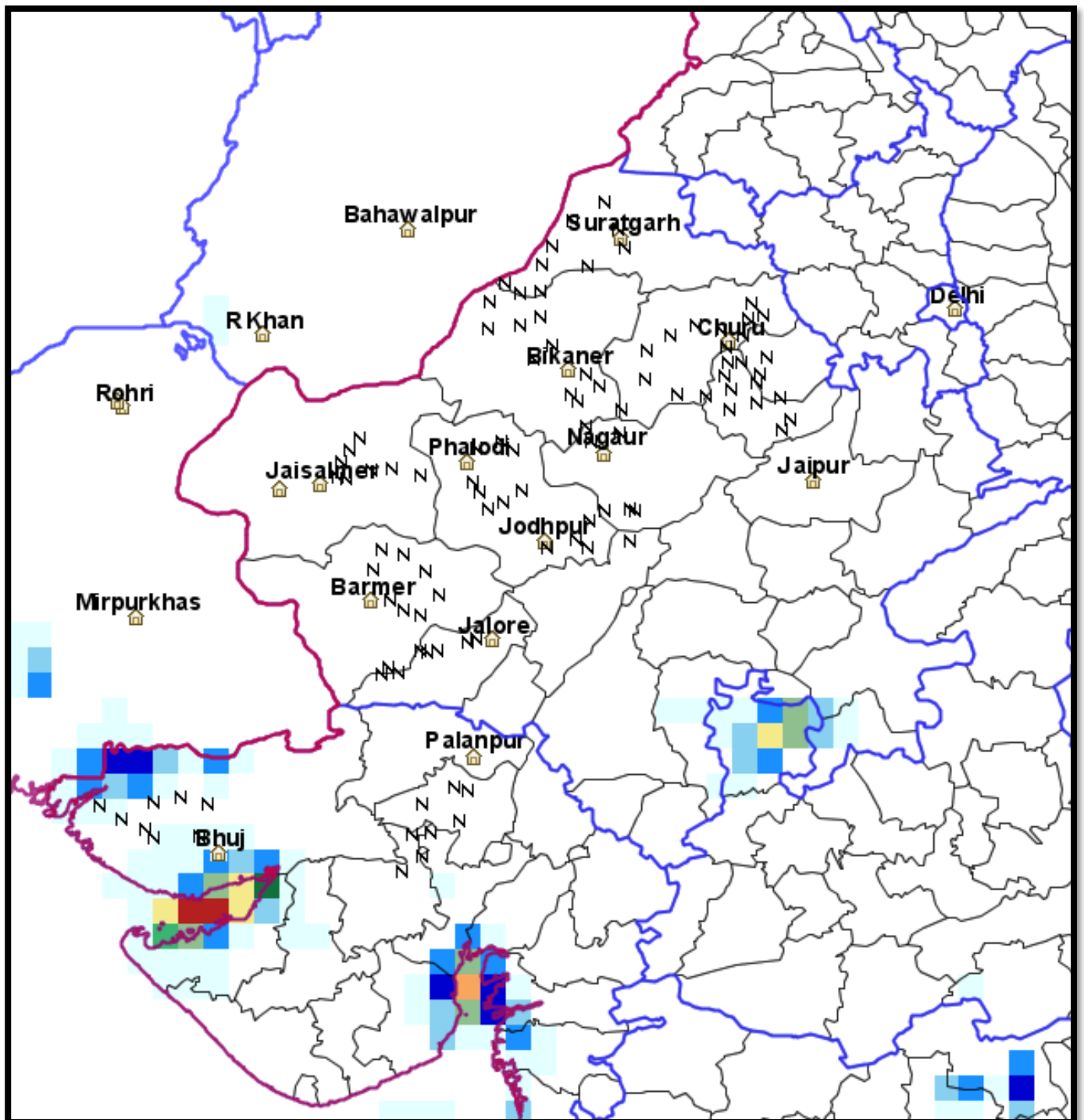


Isolated mature solitary adults were seen at one locality in Bahawalpur area

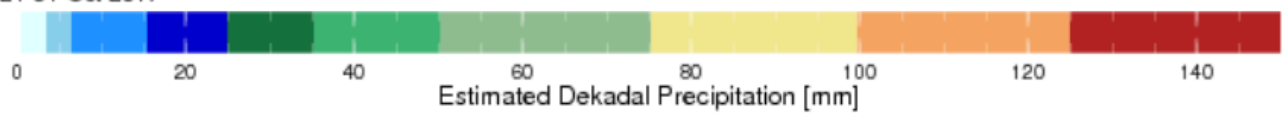


No locust was seen in Rahimyar Khan area

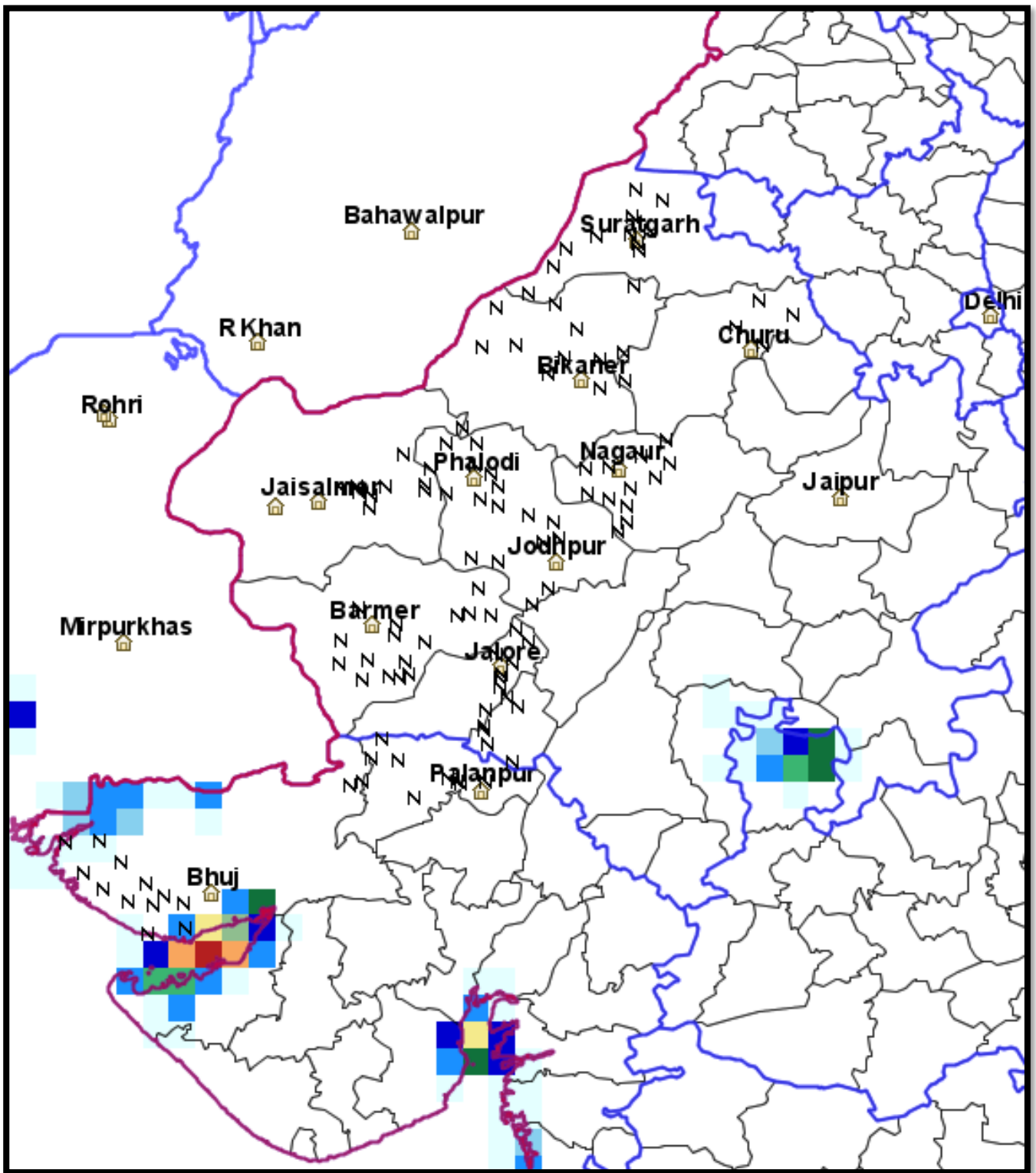
Rainfall estimation map for the period of 21 to 31 October 2017(India)



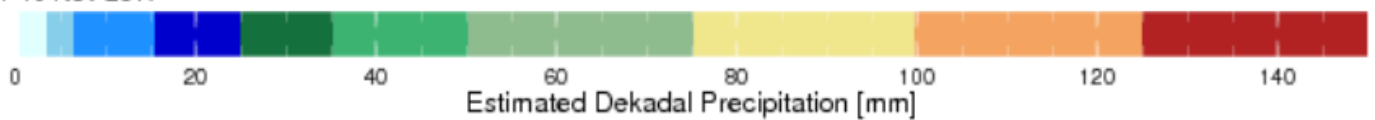
21-31 Oct 2017



Rainfall Estimation map for the period of 01 to 10 November, 2017(India)

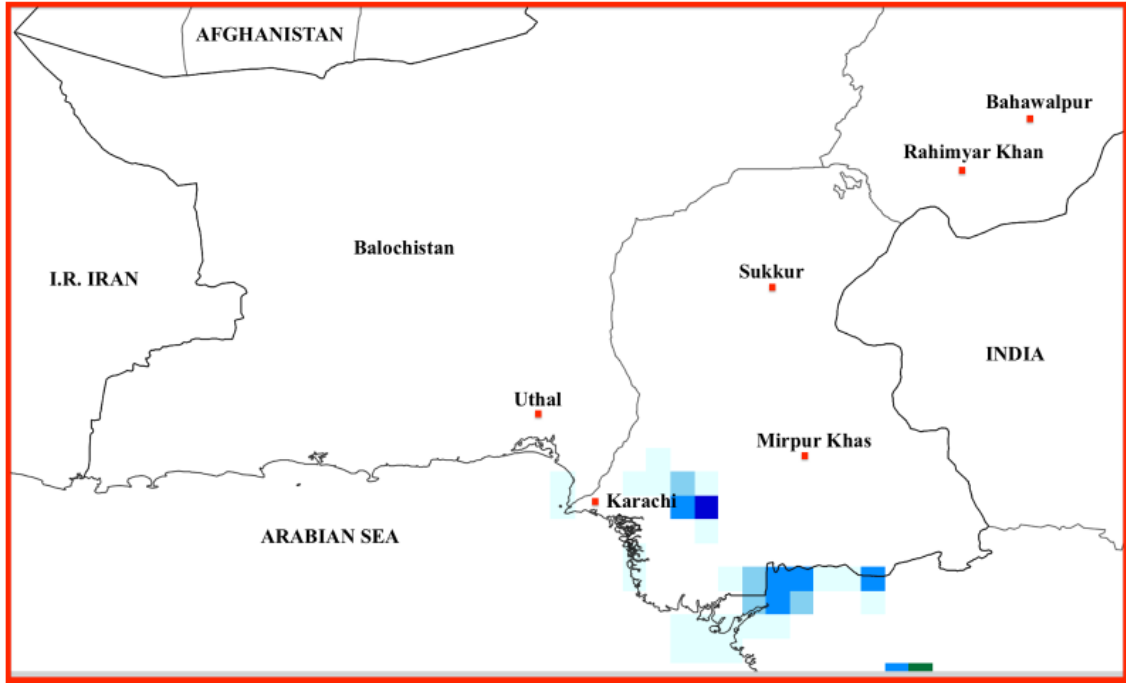


1-10 Nov 2017

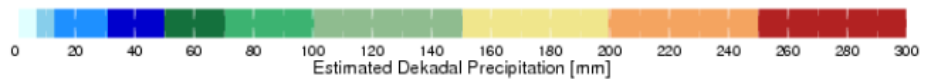


Rainfall estimation map Pakistan

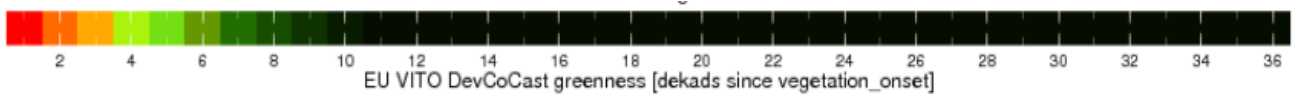
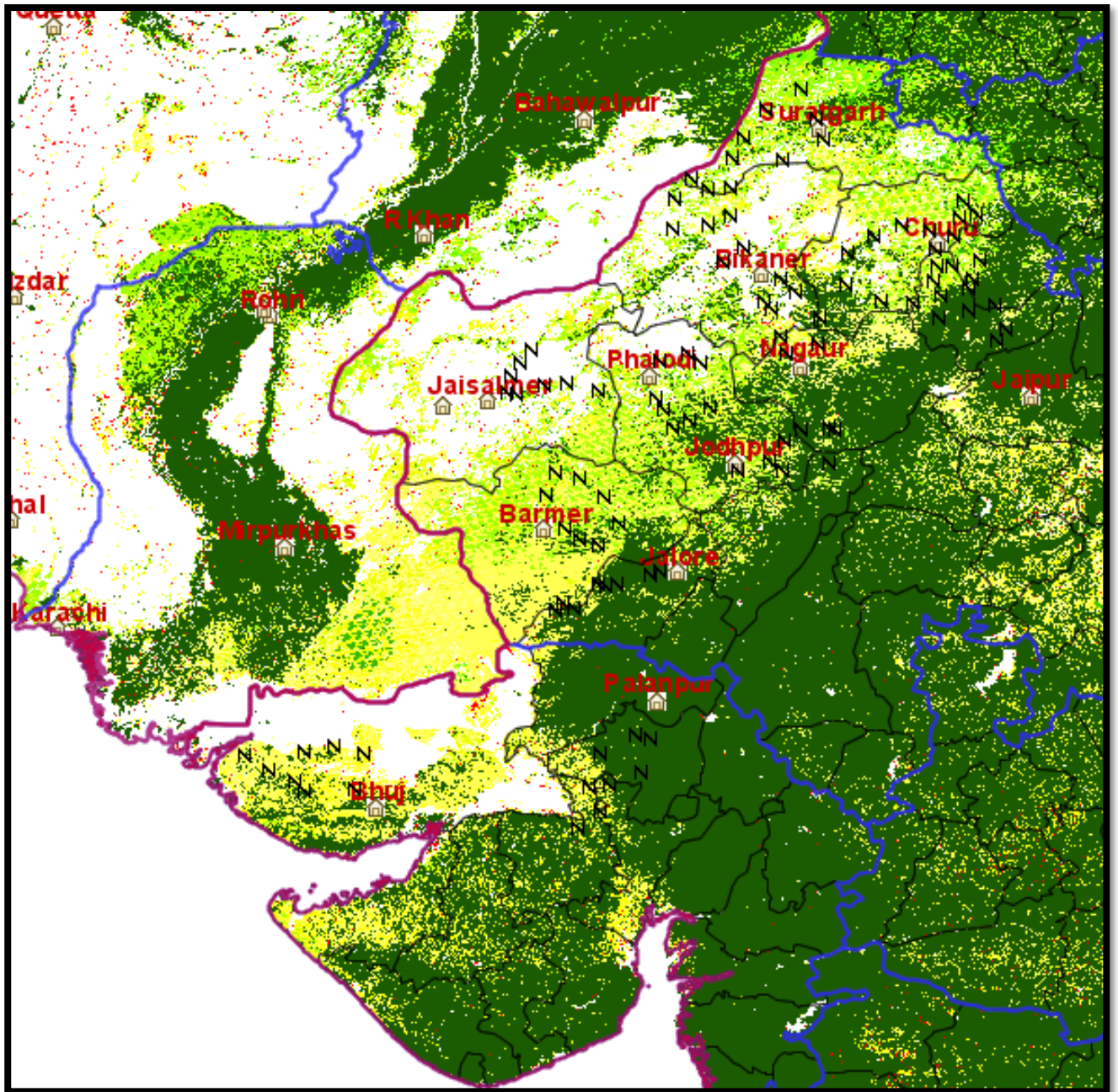
Rainfall estimation map for the first decade of November 2017



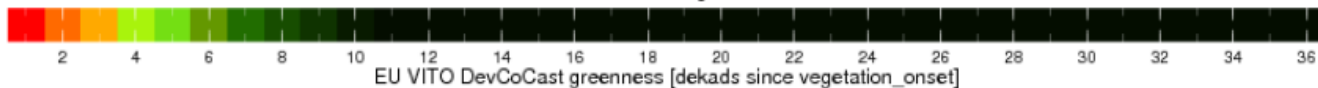
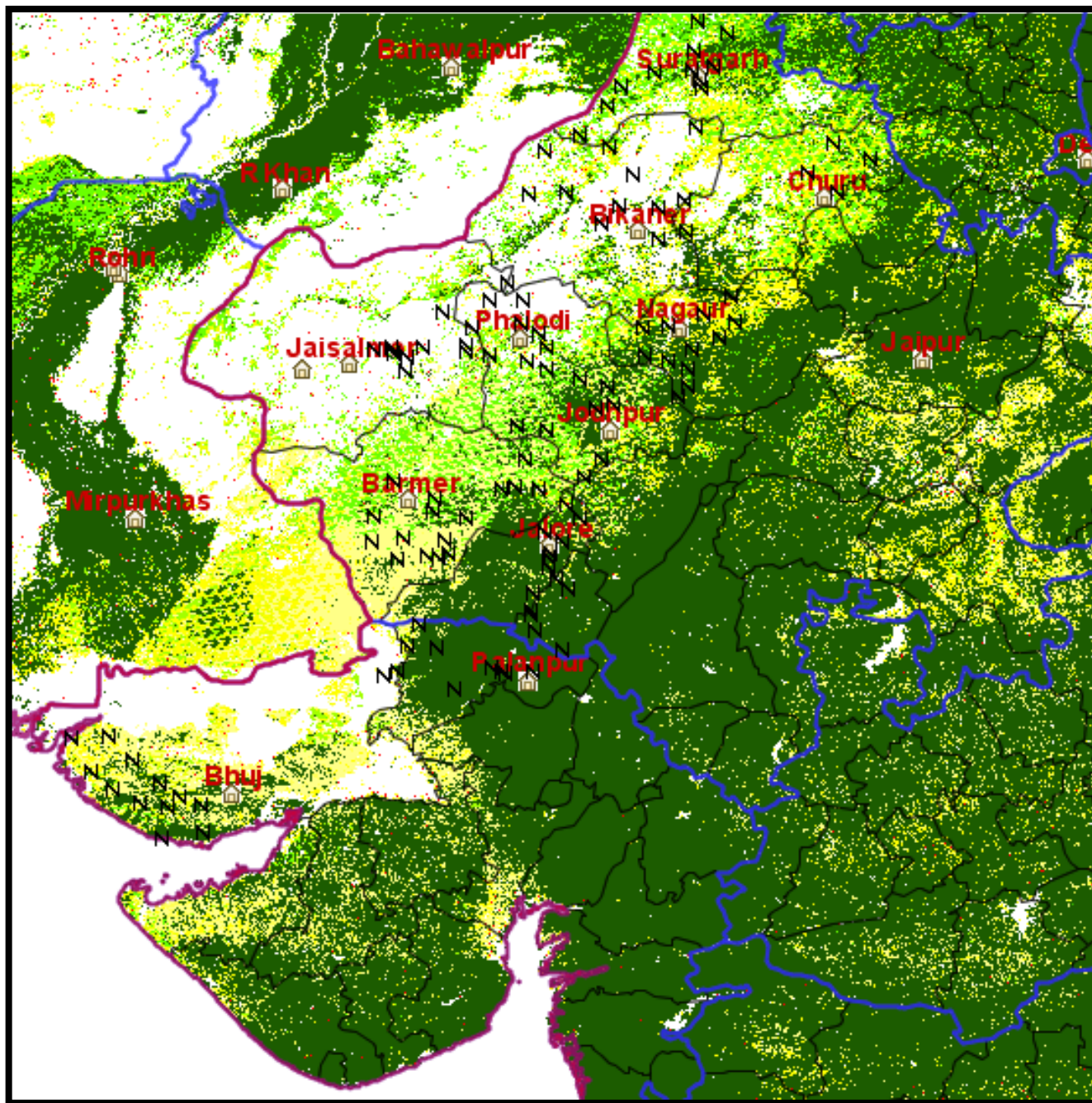
No rainfall occurred in any locust potential breeding areas in Pakistan areas



Greenness Estimation Map for the period of 21 to 31 October, 2017(India)

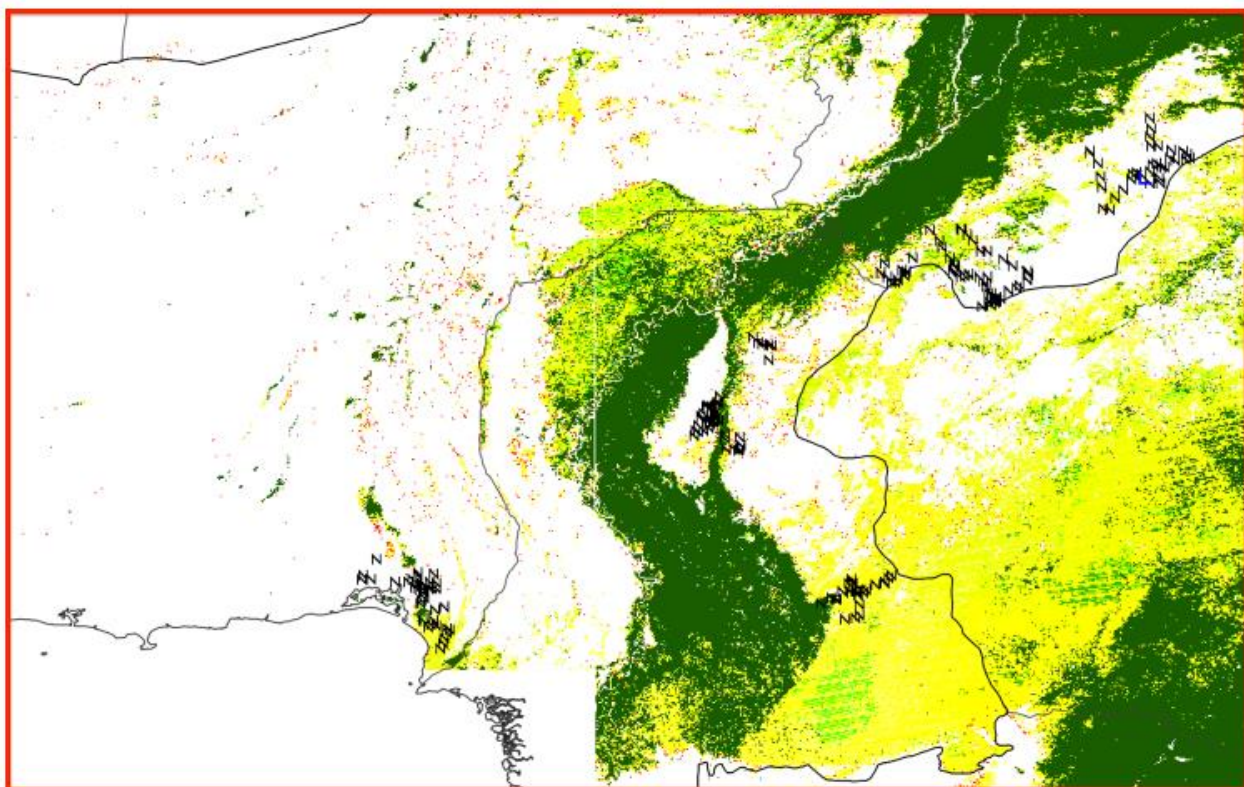


Greenness estimation map for the period of 01 to 10 November, 2017(India)

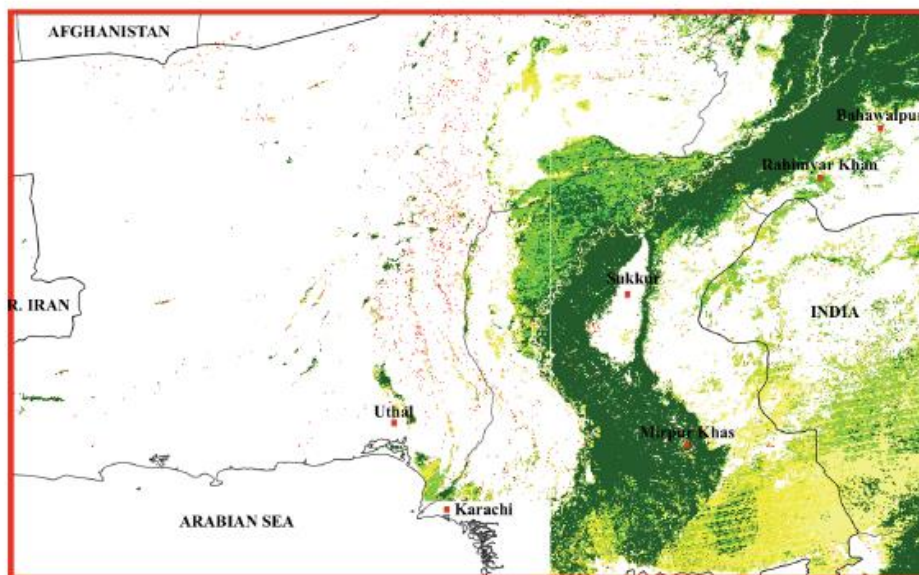


Greenness estimation map of Pakistan

Greenness estimation map for the second decade of October 2017



Greenness estimation map for the first decade of November, 2017



- No new green vegetation was available in summer-monsoon breeding areas of Sindh and Punjab during the first decade of November, 2017.
- 1 to 2 decade old vegetation available in some parts of locust breeding areas in Balochistan.

SELECTED PHOTOGRAPH



