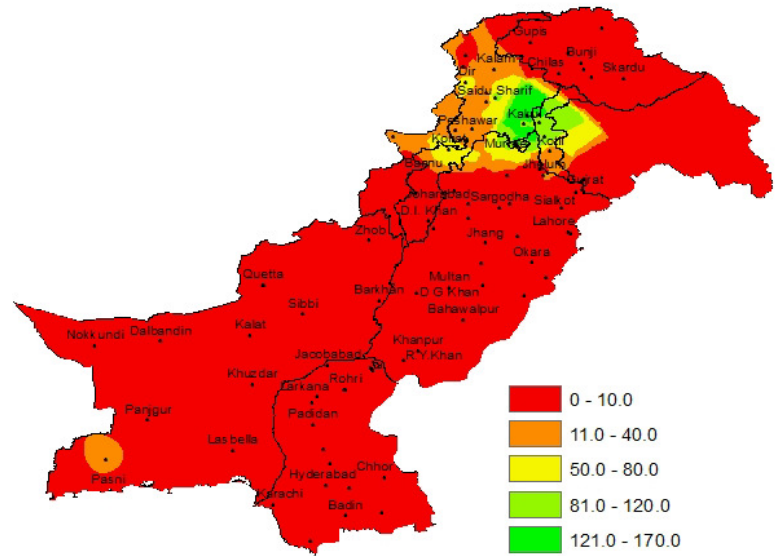


# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)**

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### **Highlights of Past Weather (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)**

Normal day time temperature was reported from most parts of the country during the week.

Province wise distribution of rainfall reported as follows:

- Moderate to heavy rainfall reported at many places in Khyber Pakhtunkhwa, Punjab and Gilgit-Baltistan & Kashmir regions.
- Light rainfall reported at isolated places in Balochistan and Sindh.

**Patron-in-Chief: Dr. Ghulam Rasul (Director General)**

**Chief Editor: Ch. Muhammad Aslam (Director)**

**Editor: Asma Jawad Hashmi (Deputy Director)**

## Past Weather of Provinces (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)

### Punjab

Moderate to heavy rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 29.7°C & 17.1°C respectively. For the present season average 97.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 68% and wind speed in the morning/evening 1.4/2.5 Knots. During the previous week the highest amount of rainfall was recorded 186.0mm at Rawalpindi & lowest minimum temperature was recorded 5.5°C at Murree.

### Sindh

Light rainfall reported at isolated places in Sindh during the week. Weekly maximum and minimum temperatures recorded 36.2°C & 21.9°C respectively. For the present season average 123.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 62% and wind speed in the morning/evening recorded 1.6/3.7 Knots. During the previous week the highest amount of rainfall was recorded 0.2mm at Larkana & lowest minimum temperature was recorded 17.0°C at Mithi.

### Gilgit-Baltistan and Azad Jammu & Kashmir

Moderate to heavy rainfall reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 19.7°C & 8.7°C respectively. For the present season average 39.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 66% and wind speed in the morning/evening recorded 1.1/1.4 Knots. During the previous week the highest amount of rainfall was recorded 126.4mm at Muzaffarabad & lowest minimum temperature was recorded -0.4°C at Skardu.

### Balochistan

Light rainfall reported at isolated places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 31.1°C & 15.1°C respectively. For the present season average 90.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 47% and wind speed in the morning/evening recorded 1.5/4.6 Knots. During the previous week the highest amount of rainfall was recorded 50.0mm at Turbat & lowest minimum temperature was recorded -0.5°C at Kalat.

### Khyber Pakhtunkhwa

Moderate to heavy rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 23.1°C & 10.8°C respectively. For the present season average 57.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 70% and wind speed in the morning/evening recorded 0.7/1.3 Knots. During the previous week the highest amount of rainfall was recorded 170.5mm at Balakot & lowest minimum temperature was recorded 2.0°C at Malam Jabba.

**Past Weather for Major Agricultural Plains  
(From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 186.0mm during the week; however cloudiness in the morning/evening recorded 2.9/3.4 Oktas while, average relative humidity observed as 68%. Mean night time temperature recorded 15.3°C & for the present season 110.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.0 Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as 13.6mm during the week; however cloudiness in the morning/evening recorded 1.7/3.0 Oktas while, average relative humidity observed as 61%. Mean night time temperature recorded 18.1°C & for the present season 135.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.2/0.5 Knots.

**Quetta (Northern Balochistan)**

Rainfall reported as Trace (not measureable) during the week; however cloudiness in the morning/evening recorded 1.9/2.4 Oktas while, average relative humidity observed as 32%. Mean night time temperature recorded 10.0°C & for the present season 80.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/2.9 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/2.0 Oktas while, average relative humidity observed as 62%. Mean night time temperature recorded 19.4°C & for the present season 139.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.1 Knots.

**Tandojam (Lower Sindh)**

Rainfall reported as 10.0mm during the week; however cloudiness in the morning/evening recorded 2.0/0.4 Oktas while, average relative humidity observed as 68%. Mean night time temperature recorded 20.8°C & for the present season 167.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.8/1.6 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)****Multan**

Rainfall reported as 10.8mm during the week; however cloudiness in the morning/evening recorded 2.7/2.6 Oktas while, average relative humidity observed as 61%. Mean night time temperature recorded 19.6°C & for the present season 127.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.9/4.6 Knots.

**Lahore**

Rainfall reported as 3.9mm during the week; however cloudiness in the morning/evening recorded 3.0/1.9 Oktas while, average relative humidity observed as 58%. Mean night time temperature recorded 18.5°C & for the present season 110.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/12.3 Knots.

**Zhob**

Rainfall reported as 5.0mm during the week; however cloudiness in the morning/evening recorded 2.3/3.1 Oktas while, average relative humidity observed as 41%. Mean night time temperature recorded 10.9°C & for the present season 64.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.6/5.6 Knots.

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.6/1.1 Oktas while, average relative humidity observed as 52%. Mean night time temperature recorded 18.0°C by the end of last week. Wind speed recorded in the morning/evening as 0.9/2.0 Knots.

**D.I. Khan**

Rainfall reported as 9.1mm during the week; however cloudiness in the morning/evening recorded 3.3/3.3 Oktas while, average relative humidity observed as 73%. Mean night time temperature recorded 15.7°C & for the present season 95.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/0.6 Knots.

**Peshawar**

Rainfall reported as 33.0mm during the week; however cloudiness in the morning/evening recorded 3.1/4.0 Oktas while, average relative humidity observed as 71%. Mean night time temperature recorded 15.5°C & for the present season 100.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/4.0 Knots.

**Murree**

Rainfall reported as 153.3mm during the week; however cloudiness in the morning/evening recorded 3.4/3.9 Oktas while, average relative humidity observed as 67%. Mean night time temperature recorded 8.2°C & for the present season 35.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/1.4 Knots.

**Kalam**

Rainfall reported as 54.0mm during the week; however cloudiness in the morning/evening recorded 5.0/5.6 Oktas while, average relative humidity observed as 77%. Mean night time temperature recorded 2.9°C & for the present season 2.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.3 Knots.

**Gilgit**

Rainfall reported as 5.7mm during the week; however cloudiness in the morning/evening recorded 6.3/6.9 Oktas while, average relative humidity observed as 68%. Mean night time temperature recorded 8.3°C & for the present season 43.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.9 Knots.

**Skardu**

Rainfall reported as 9.1mm during the week; however cloudiness in the morning/evening recorded 4.6/5.9 Oktas while, average relative humidity observed as 53%. Mean night time temperature recorded 5.3°C & for the present season 18.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/1.6 Knots.

**Crop Situation for Major Agricultural Plains**  
**(Based on Data from Regional Agromet Centers)**

**Potohar Region (Rawalpindi)**

There is presently no crop grown in the fields of RAMC Rawalpindi.

**Central Punjab (Faisalabad)**

There is presently one crop (irrigated condition) grown in the fields of RAMC Faisalabad.

**Cotton:** Good condition at *Maturity* stage completed.

**Lower Sindh (Tandojam)**

There is presently one crop (irrigated condition) grown in the fields RAMC Tandojam.

**Cotton:** The crop has been harvested.

**Northern Balochistan (Quetta)**

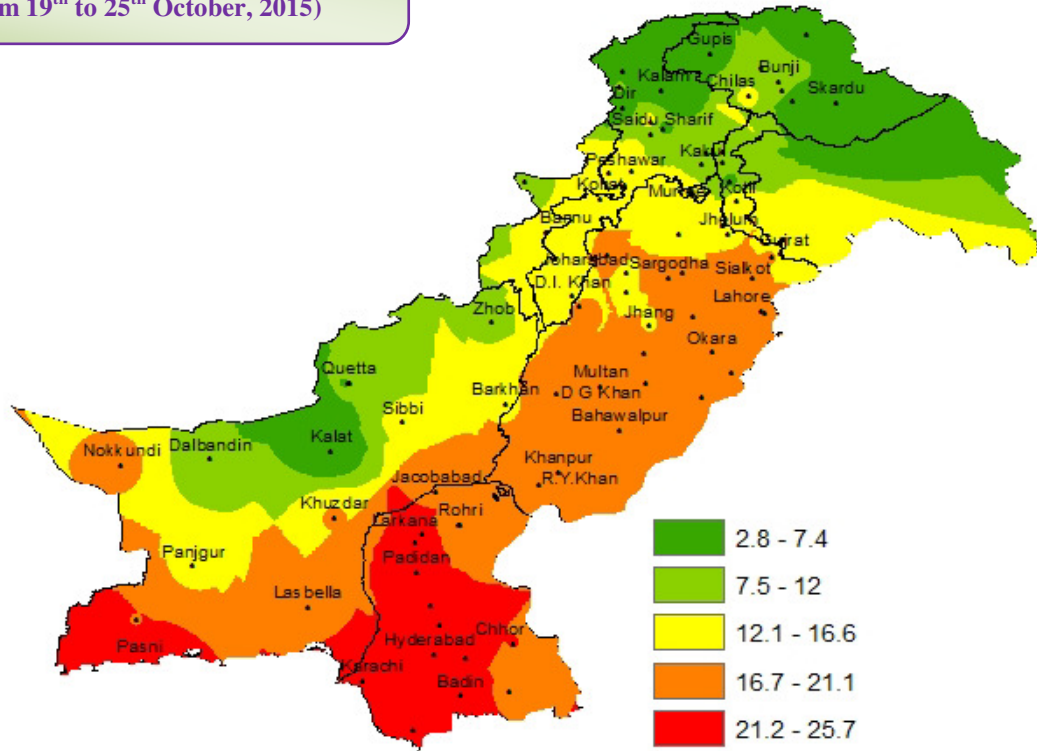
There is presently no crop grown in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

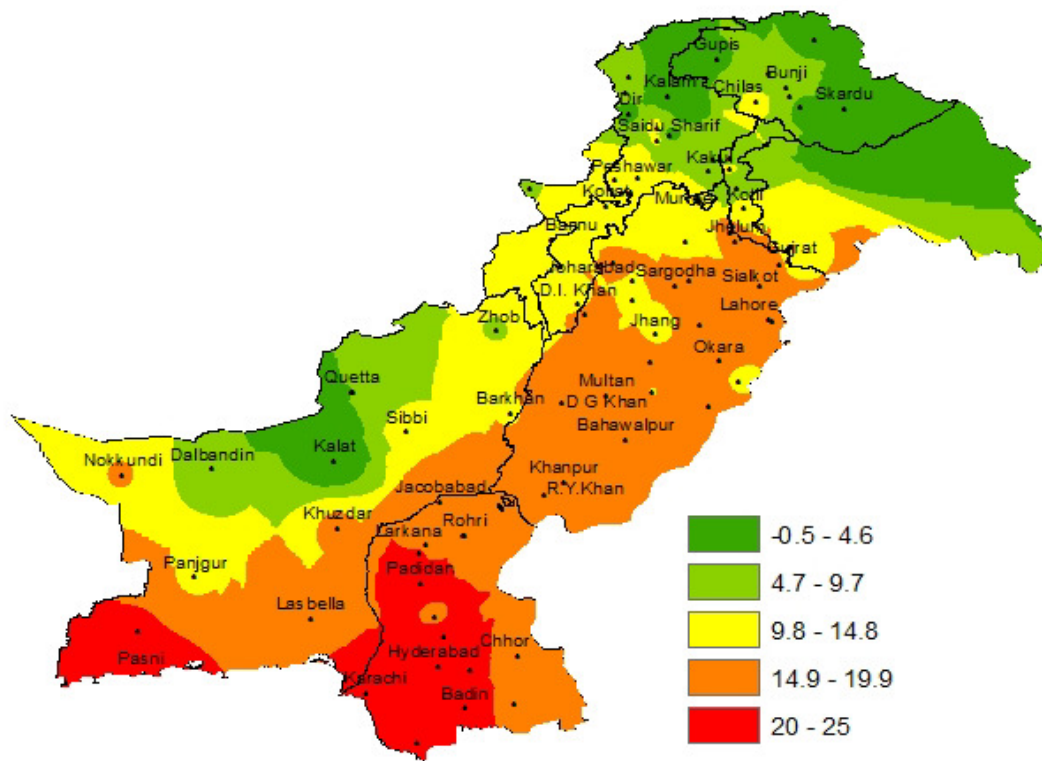
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

**Rice:** Good condition at *Wax Maturity* stage.

Mean Minimum Temperature (°C) during the Previous Week (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)

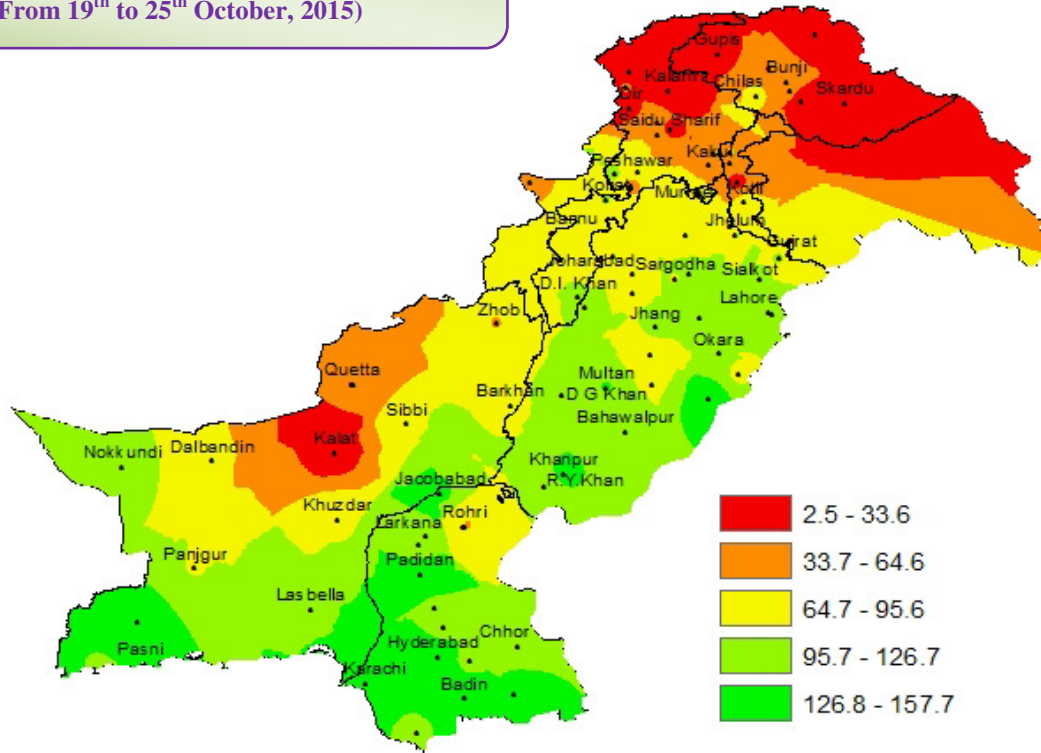


Lowest Minimum Temperature (°C) during the Previous Week (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)

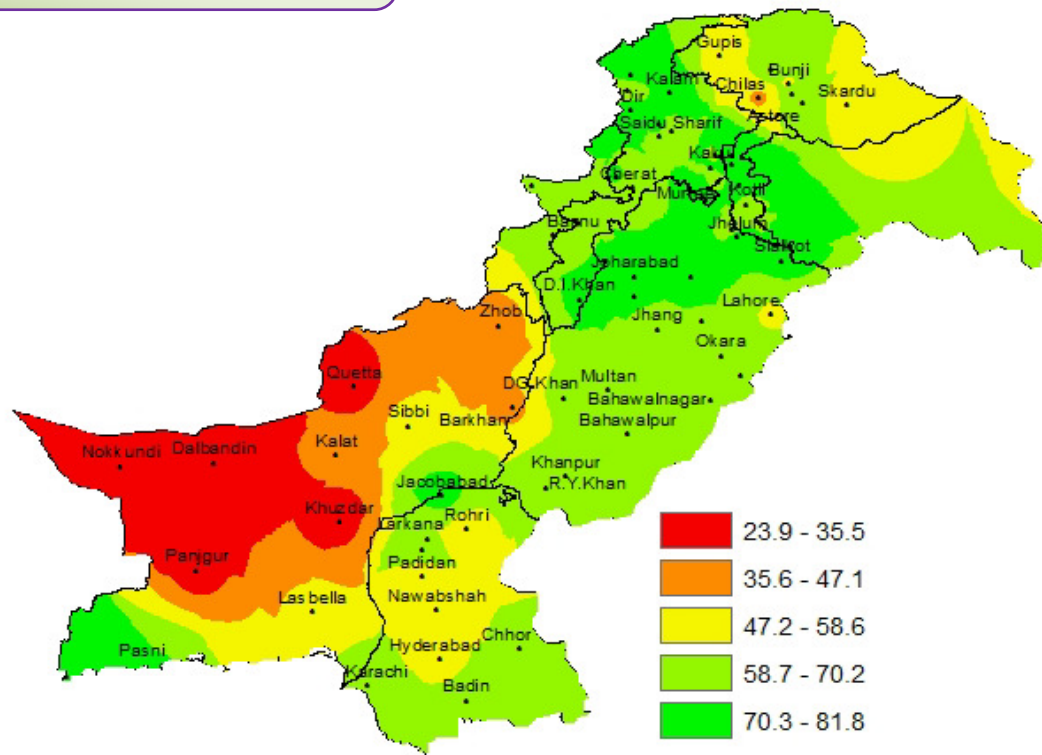




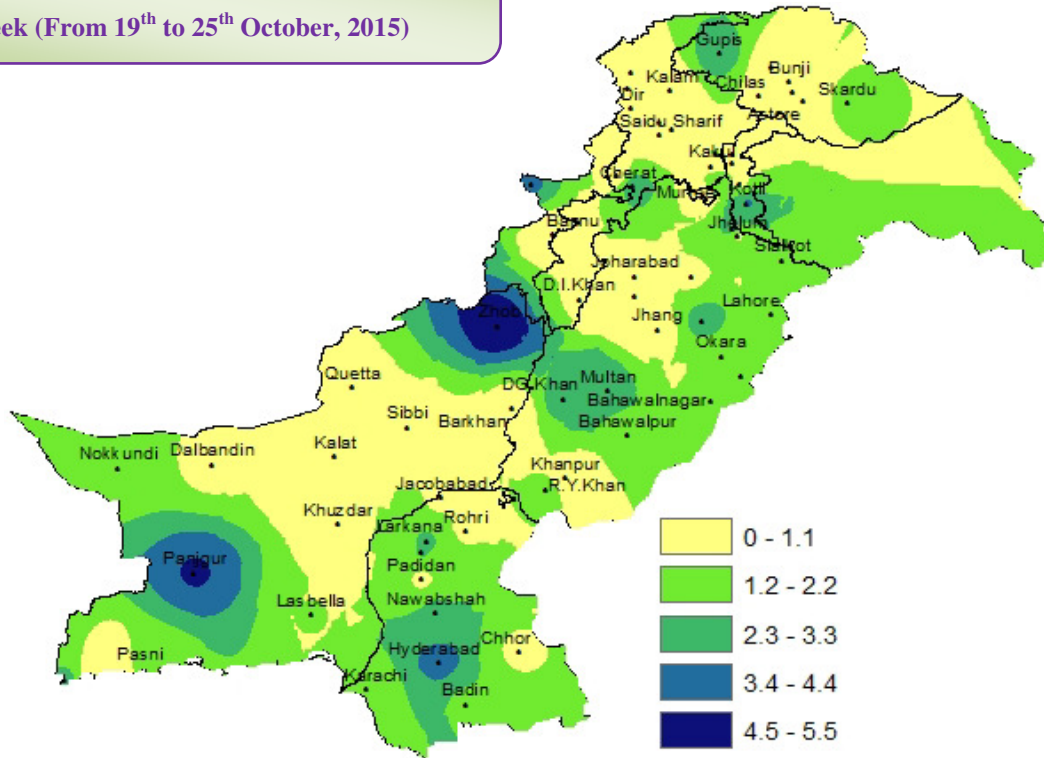
Total Growing Degree Days accumulated during the Previous Week (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)



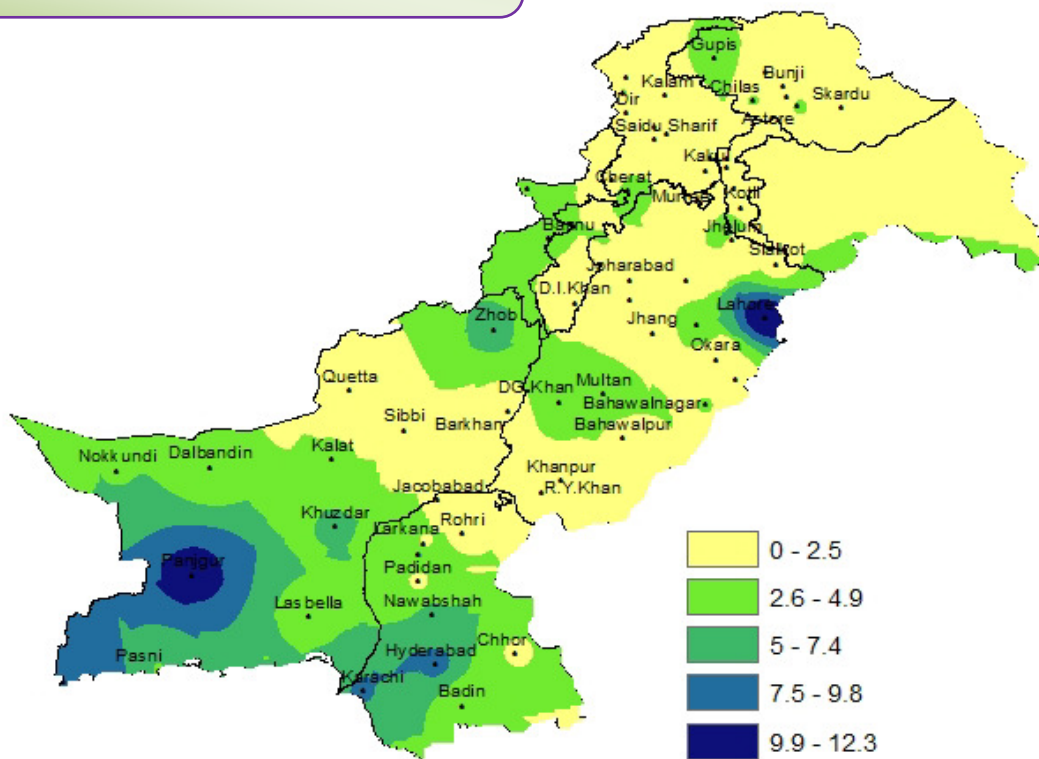
Mean Relative Humidity (%) during the Previous Week (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)



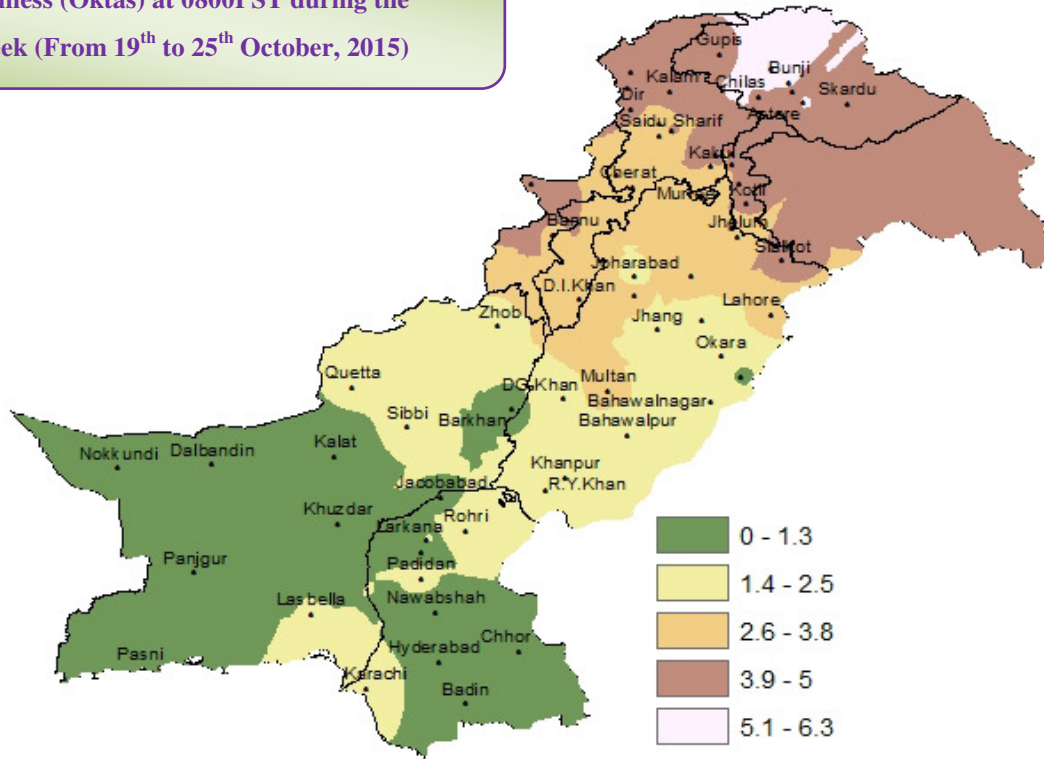
Mean Wind Speed (Knots) at 0800 PST during the Previous Week (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)



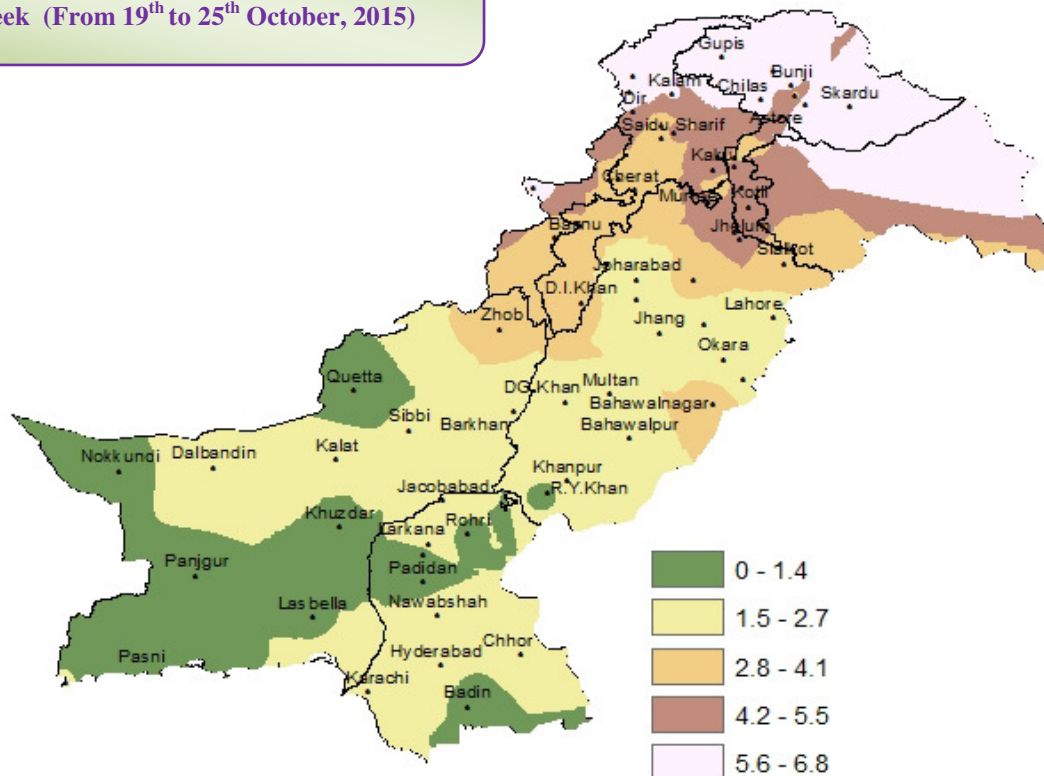
Mean Wind Speed (Knots) at 1700 PST during the Previous Week (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous Week (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous Week (From 19<sup>th</sup> to 25<sup>th</sup> October, 2015)





**Weekly Weather Advisory for Farmers**  
**(From 26<sup>th</sup> to 30<sup>th</sup> October, 2015)**

A fresh westerly wave is affecting western and upper parts of the country and is likely to persist till Monday.

**MONDAY**

**26-10-2015**

Rain-thunderstorm is expected at scattered places in KP (Malakand, Hazara, Peshawar, Kohat, Mardan, Bannu, D.I. Khan divisions), FATA, Islamabad, Upper Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad divisions), Gilgit-Baltistan and Kashmir, while at isolated places in Multan, DG Khan, Quetta & Zhob divisions. Snowfall is also expected over the hills of Malakand division, Gilgit-Baltistan and Kashmir.

**TUESDAY**

**27-10-2015**

Mainly dry weather is expected in most parts of the country. However rain-thunderstorm is expected at few places of Gilgit-Baltistan, Kashmir and its adjoining hilly areas.

**WEDNESDAY**

**28-10-2015**

Mainly dry weather is expected in most parts of the country.

**THURSDAY**

**29-10-2015**

Mainly dry weather is expected in most parts of the country.

**FRIDAY**

**30-10-2015**

Mainly dry weather is expected in most parts of the country.

**ADVISES FOR CROPS**

***Cotton:*** Farmers are advised to manage irrigation practices as per weather prediction during the week.

***General Information***

- Weather forecast should be kept in mind before spraying chemicals on standing crops.
- Farmers should be careful about stagnant water and growth of weeds in standing crops after recent rains in different parts of the country. Necessary measures may be taken to control any possible loss to the crops especially cotton and maize.

**National Weather Data of Selected Cities**  
**(Weekly Data from 19<sup>th</sup> to 25<sup>th</sup> October, 2015)**

Stations	Maximum/Night Temperature (°C)		Growing Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Lowest							
Astore	4.1	2.5	18.7	62	25.3	5.1	6.9	0.3	3.0
Badin	25.1	24.0	157.8	63	0.0	0.0	1.3	2.0	2.6
Bahawalnagar	20.3	19.0	157.1	59	0.1	2.3	3.6	1.4	2.6
Bahawalpur	18.7	17.7	100.7	64	2.2	2.0	2.0	1.4	1.4
Balakot	10.8	8.0	53.4	67	170.5	4.3	5.3	1.3	0.3
Bannu	12.4	11.0	77.4	63	8.0	3.7	3.4	0.0	2.9
Barkhan	15.9	14.5	87.1	45	12.0	0.9	2.0	0.0	0.9
Bunji	10.4	8.3	46.1	56	2.3	5.7	6.3	0.9	0.7
Cherat	12.0	10.0	55.9	63	62.0	2.9	3.7	3.1	3.7
Chhor	21.2	18.6	122.8	62	0.0	0.0	1.4	0.9	2.3
Chilas	12.6	11.0	70.6	45	0.3	4.9	5.7	0.9	2.6
Chitral	6.2	5.1	23.6	81	30.1	4.4	5.9	0.0	0.9
D.I.Khan	15.7	14.0	95.9	73	9.1	3.3	3.3	0.9	0.6
Dalbandin	8.0	6.0	65.8	28	0.1	0.4	2.6	0.6	3.1
D.G.Khan	20.3	19.4	109.4	62	14.8	2.4	2.6	2.9	4.6
Dir	4.9	3.5	23.0	77	82.0	4.1	5.4	0.0	0.6
Drosh	7.7	6.0	35.2	58	30.4	4.6	6.1	0.0	2.6
Faisalabad	18.1	14.2	135.5	61	13.6	1.7	3.0	1.2	0.5
Garidopatta	11.7	10.5	56.7	80	120.0	3.9	4.3	0.3	0.6
Gawader	22.7	21.0	122.0	74	0.0	0.0	0.0	0.0	9.7

Gilgit	8.3	4.5	43.1	68	5.7	6.3	6.9	0.0	0.9
Gupis	5.6	4.0	18.5	54	3.0	4.7	6.9	3.1	3.4
Hyderabad	23.6	23.0	153.0	56	0.1	0.7	1.4	3.7	8.0
Islamabad	13.7	10.5	81.0	77	171.1	3.1	4.1	0.3	0.3
Jacobabad	20.7	19.5	135.7	76	0.0	1.1	2.0	0.9	2.3
Jhang	16.4	14.0	106.9	66	11.4	2.0	1.6	0.3	0.0
Jhelum	16.4	15.0	96.5	75	34.3	3.3	4.1	0.9	1.7
Jiwani	24.7	24.0	136.5	71	0.0	0.4	1.6	2.6	7.4
Joharabad	16.5	14.8	87.0	78	7.0	2.3	2.4	0.6	1.7
Kakul	8.3	7.5	39.1	71	127.0	3.7	4.3	0.3	0.9
Kalam	2.9	1.0	2.5	77	54.0	5.0	5.6	0.0	0.3
Kalat	2.8	-0.5	12.4	38	1.0	0.0	1.7	0.0	2.9
Karachi	25.7	25.0	140.3	64	0.0	2.1	2.4	1.1	7.4
Khanpur	19.1	17.5	133.9	67	0.0	2.1	2.4	0.6	0.9
Khuzdar	16.9	16.0	91.3	31	0.0	0.0	1.1	0.0	5.1
Kotli	15.5	14.2	78.0	67	58.0	3.9	4.4	3.4	2.0
Lahore	18.5	16.5	110.7	58	3.9	3.0	1.9	1.1	12.3
Larkana	21.9	19.5	125.9	59	0.2	1.3	2.3	2.3	2.0
Lasbella	18.6	16.0	123.1	51	0.0	1.3	1.3	1.1	4.0
Lower Dir	13.2	11.0	65.3	71	42.0	2.7	3.4	0.6	1.7
M.B. Din	17.3	16.5	109.0	77	11.0	3.3	3.3	0.9	0.6
Malam Jabba	5.3	2.0	12.5	67	119.0	4.0	4.6	0.0	0.6
Mangla	16.6	15.0	87.6	65	28.4	3.9	4.4	2.9	3.7
Mir Khani	8.6	7.0	39.9	68	19.0	3.7	3.6	1.0	0.0
Moinjodaro	21.2	20.0	115.8	62	0.0	0.9	0.7	2.3	5.1
Multan	19.6	18.3	127.4	61	10.8	2.7	2.6	2.9	4.6

Murree	8.2	5.5	35.8	67	153.3	3.4	3.9	2.3	1.4
Muzaffarabad	11.5	9.8	55.3	78	126.4	3.6	4.0	0.9	0.0
Nawabshah	21.3	19.5	125.0	55	0.0	0.6	2.3	2.6	5.4
Nokkundi	17.5	15.0	109.9	24	0.0	0.7	1.0	1.7	4.9
Noorpurthal	16.5	14.5	90.3	70	11.5	2.9	1.4	0.0	0.3
Okara	18.6	16.2	99.8	65	4.6	1.9	1.9	1.1	0.6
Padidan	22.0	20.5	142.9	56	0.0	1.6	1.0	0.9	2.0
Panjgur	15.2	14.0	94.5	31	0.0	0.3	0.9	4.6	10.9
Parachinar	10.1	9.5	55.1	67	39.6	5.0	6.0	3.6	4.7
Pasni	23.4	22.0	127.3	71	0.0	0.4	0.6	1.4	4.9
Pattan	11.7	8.0	67.3	78	144.0	4.1	4.0	0.0	0.0
Peshawar	15.5	13.7	100.4	71	33.0	3.1	4.0	0.0	0.6
Quetta	10.0	5.8	80.4	32	0.1	1.9	2.4	1.7	2.9
R.Y.Khan	19.5	16.4	108.4	63	0.1	2.1	1.1	1.4	1.7
Rawalakot	6.2	4.5	24.3	82	125.2	3.9	4.6	0.9	0.6
Rohri	18.0	18.0	***	52	0.0	1.6	1.1	0.9	2.0
Rawalpindi	15.3	13.5	110.6	68	186.0	2.9	3.4	0.6	1.0
Sahiwal	16.7	14.0	89.5	66	2.1	1.1	2.1	1.7	0.9
Saidu Sharif	12.0	10.5	65.3	70	59.0	3.1	3.4	0.0	0.0
Sialkot	17.0	15.8	99.3	73	13.7	4.1	3.6	1.7	1.1
Sibbi	13.6	12.0	94.3	52	0.0	1.7	1.4	0.0	2.0
Skardu	5.3	-0.4	18.6	53	9.1	4.6	5.9	1.4	1.6
Tandojam	20.8	20.0	167.0	65	10.0	2.0	0.4	0.8	1.6
Usta.M	19.4	18.0	139.3	62	0.0	0.0	2.0	0.1	0.1
Zhob	10.9	9.5	64.4	41	5.0	2.3	3.1	5.6	5.6

\*\*\* Shows the data is not available.