

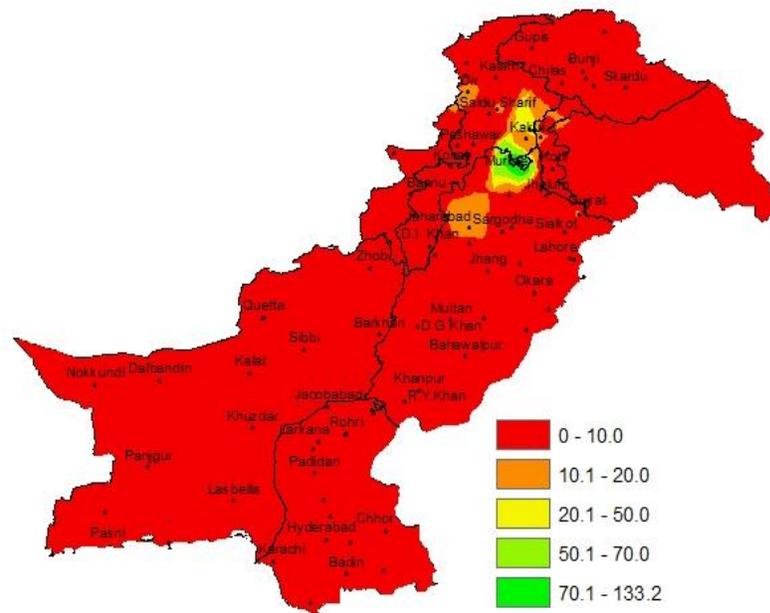
# Weekly Weather and Crop Bulletin for Pakistan

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Rainfall Distribution (mm) during the  
Previous Week (From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)



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## Highlights of Past Weather (From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)

Mainly normal day time temperature was reported in from most parts of the country during the week. Province wise distribution of rainfall reported as follows:

- Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa, Punjab and Gilgit-Baltistan & Kashmir regions.
- Light rainfall reported at an isolated place (Karachi 0.2mm) in Sindh.
- Dry weather was reported in Balochistan.

**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 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)

### Punjab

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 35.6°C & 26.6°C respectively. For the present season average 178.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 76% and wind speed in the morning/evening 2.2/2.5 Knots. During the previous week the highest amount of rainfall was recorded 106.1 mm at Islamabad & highest maximum temperature was recorded 42.0°C at Bhakkar.

### Sindh

Light rainfall reported at an isolated place in Sindh during the week. Weekly maximum and minimum temperatures recorded 35.9°C & 26.3°C respectively. For the present season average 176.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 68% and wind speed in the morning/evening recorded 6.2/5.6 Knots. During the previous week the highest amount of rainfall was recorded 0.2mm at Karachi & highest maximum temperature was recorded 40.6°C at Dadu.

### Gilgit-Baltistan and Azad Jammu & Kashmir

Light to moderate rainfall reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 33.3C & 21.4°C respectively. For the present season average 148.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening recorded 0.7/2.3 Knots. During the previous week the highest amount of rainfall was recorded 73.0mm at Muzaffarabad & highest maximum temperature was recorded 44.6°C at Chilas.

### Balochistan

Dry weather was reported in Balochistan during the week. Weekly maximum and minimum temperatures recorded 37.2°C & 23.2°C respectively. For the present season average 167.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 2.1/4.5 Knots. During the previous week the highest maximum temperature was recorded 44.0°C at Turbat.

### Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 33.7°C & 21.9°C respectively. For the present season average 150.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 72% and wind speed in the morning/evening recorded 0.4/2.4 Knots. During the previous week the highest amount of rainfall was recorded 76.6 mm at Balakot & highest maximum temperature was recorded 39.5°C at D.I.K.

**Past Weather for Major Agricultural Plains  
(From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 113.6mm during the week; however cloudiness in the morning/evening recorded 4.0/5.4 Oktas while, average relative humidity observed as 76%. Mean day time temperature recorded 35.1°C & for the present season 179.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.2/2.9 Knots.

**Tandojam (Lower Sindh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.4/0.0 Oktas while, average relative humidity observed as 73%. Mean day time temperature recorded 34.9°C & for the present season 174.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 4.0/4.5 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.4/1.7 Oktas while, average relative humidity observed as 61%. Mean day time temperature recorded 37.6°C & for the present season 194.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.4/4.6 Knots.

**Faisalabad (Central Punjab)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.4/3.3 Oktas while, average relative humidity observed as 74%. Mean day time temperature recorded 38.0°C & for the present season 188.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/0.9 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/1.9 Oktas while, average relative humidity observed as 18%. Mean day time temperature recorded 34.6°C & for the present season 174.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.6/3.7 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)****Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.8/2.5 Oktas while, average relative humidity observed as 69%. Mean day time temperature recorded 36.8°C & for the present season 187.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.0/6.0 Knots.

**Lahore**

Rainfall reported as 13.8mm during the week; however cloudiness in the morning/evening recorded 4.2/6.8 Oktas while, average relative humidity observed as 79%. Mean day time temperature recorded 34.7°C & for the present season 175.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/1.3 Knots.

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.7/1.3 Oktas while, average relative humidity observed as 62%. Mean day time temperature recorded 38.7°C & for the present season 197.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.7/3.3 Knots.

**Zhob**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/0.3 Oktas while, average relative humidity observed as 45%. Mean day time temperature recorded 38.0°C & for the present season 170.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/5.0 Knots.

**Murree**

Rainfall reported as 40.0mm during the week; however cloudiness in the morning/evening recorded 5.5/8.0 Oktas while, average relative humidity observed as 90%. Mean day time temperature recorded 23.6°C & for the present season 102.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.3/0.7 Knots.

**D.I. Khan**

Rainfall reported 0.1mm during the week; however cloudiness in the morning/evening recorded 0.5/0.3 Oktas while, average relative humidity observed as 76%. Mean day time temperature recorded 38.3°C & for the present season 178.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.3 Knots.

**Peshawar**

Rainfall reported as 17.1mm during the week; however cloudiness in the morning/evening recorded 3.3/3.0 Oktas while, average relative humidity observed as 77%. Mean day time temperature recorded 36.6°C & for the present season 187.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/1.7 Knots.

**Kalam**

Rainfall reported as 14.0mm during the week; however cloudiness in the morning/evening recorded 3.5/6.3 Oktas while, average relative humidity observed as 77%. Mean day time temperature recorded 26.6°C & for the present season 104.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.0 Knots.

**Gilgit**

Rainfall reported as 3.4mm during the week; however cloudiness in the morning/evening recorded 4.8/4.5 Oktas while, average relative humidity observed as 66%. Mean day time temperature recorded 35.5°C & for the present season 161.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.3 Knots.

**Skardu**

Rainfall reported as 0.7mm during the week; however cloudiness in the morning/evening recorded 4.7/5.5 Oktas while, average relative humidity observed as 57%. Mean day time temperature recorded 31.6°C & for the present season 118.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.8 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 *Flowering* stage.

**Lower Sindh (Tandojam)**

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

**Cotton:** Good condition at *Boll Formation* stage.

**Northern Balochistan (Quetta)**

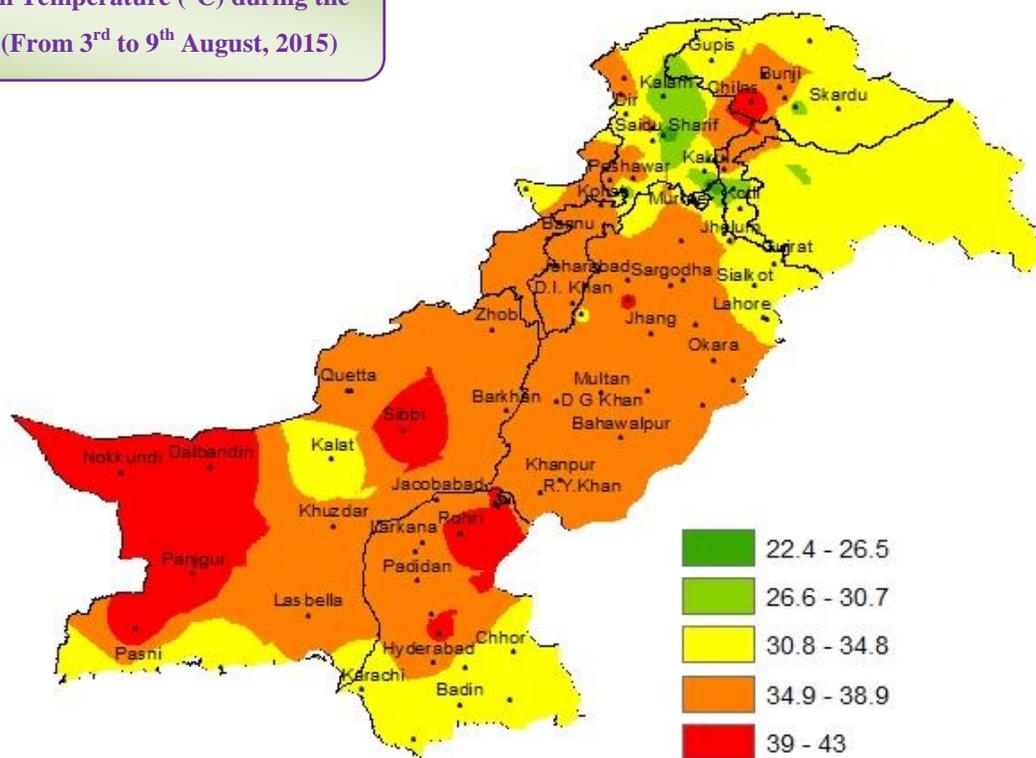
There is presently no crop grown in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

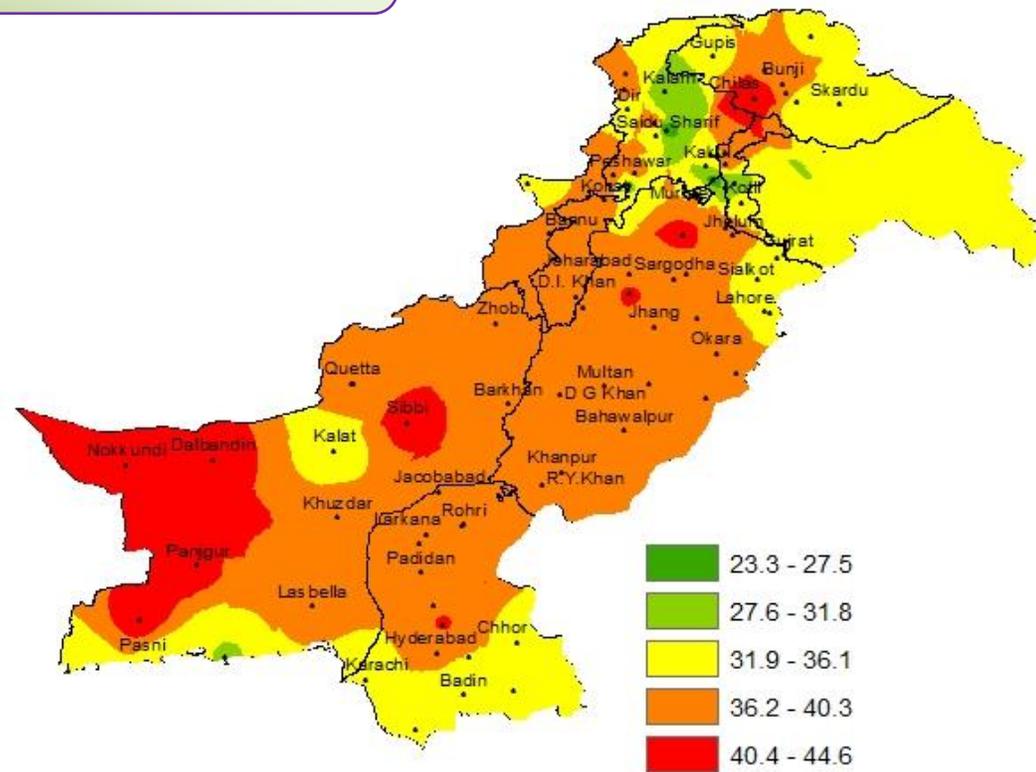
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

**Rice:** Good condition at *Third Leaf* stage.

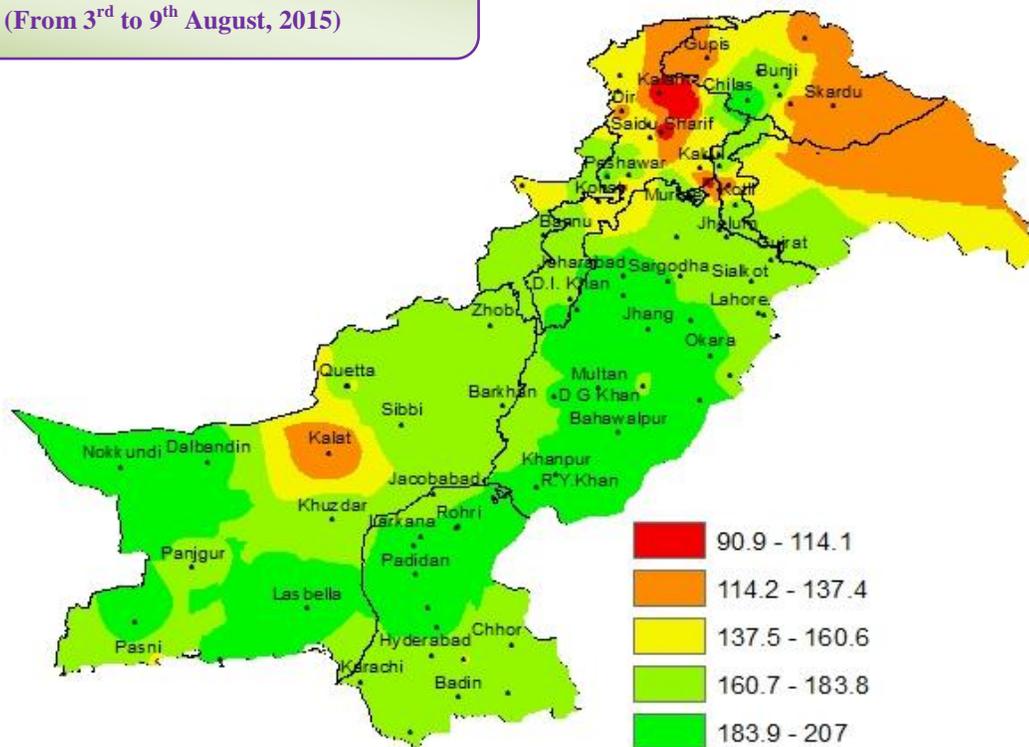
Mean Maximum Temperature (°C) during the Previous Week (From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)



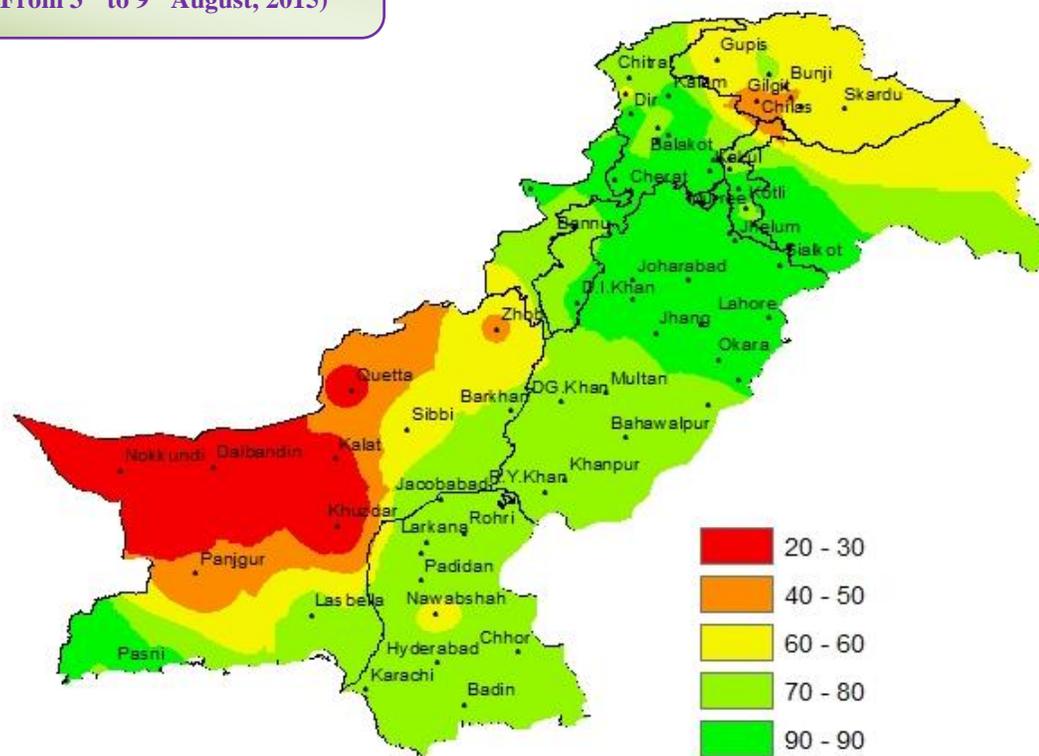
Highest Maximum Temperature (°C) during the Previous Week (From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)



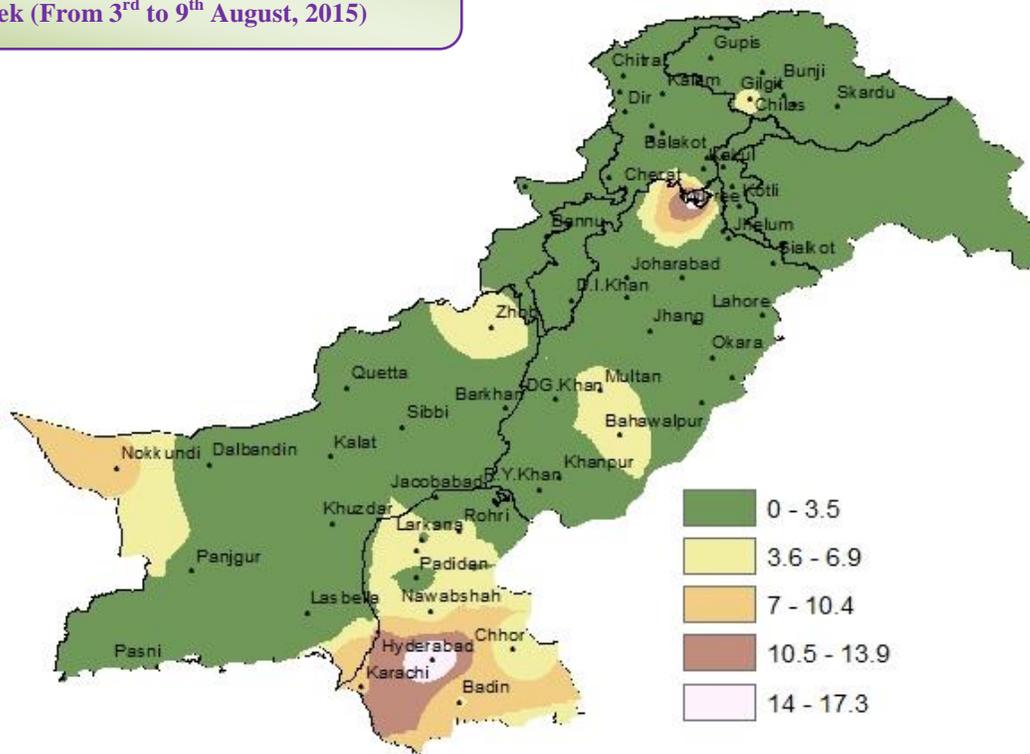
Total Growing Degree Days accumulated during the Previous Week (From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)



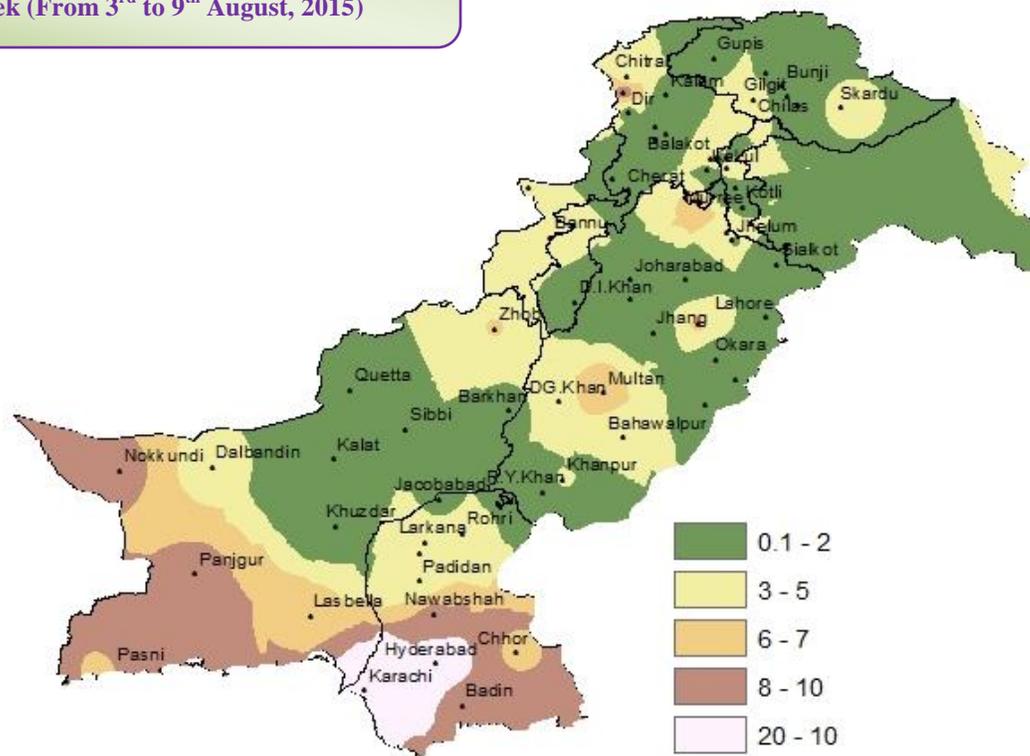
Mean Relative Humidity (%) during the Previous Week (From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)



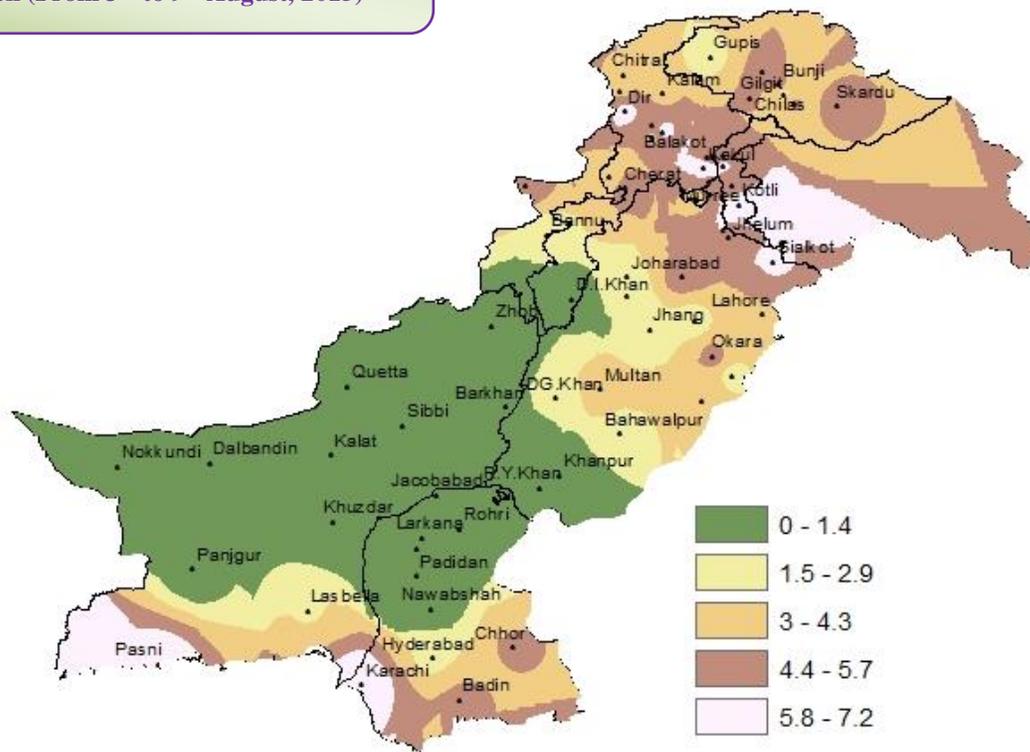
Mean Wind Speed (Knots) at 0800 PST during the Previous Week (From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)



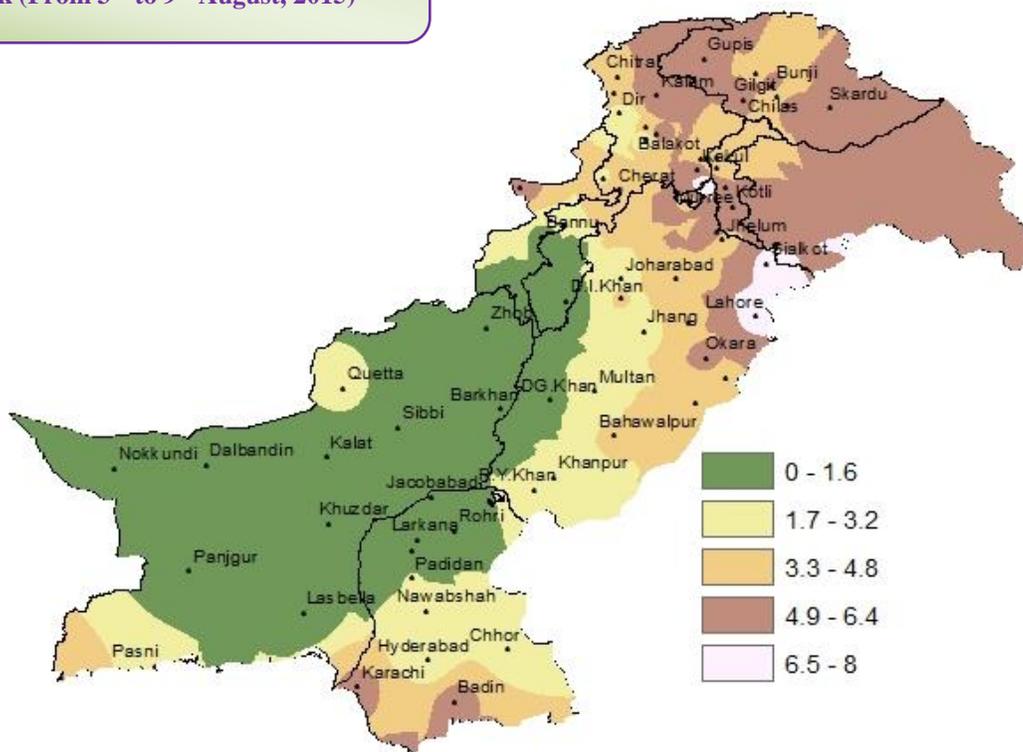
Mean Wind Speed (Knots) at 1700 PST during the Previous Week (From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)



Mean Cloudiness (Oktas) at 0800 PST during the Previous Week (From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)



Mean Cloudiness (Oktas) at 1700 PST during the Previous Week (From 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)



**Weekly Weather Advisory for Farmers**  
**(From 10<sup>th</sup> to 16<sup>th</sup> August, 2015)**

Seasonal low lies over west Balochistan with its trough extending north-eastwards. Weak monsoon currents are penetrating into central and northeastern parts of the country. A shallow westerly wave is likely to approach upper parts of the country on Monday (night) and likely to persist there during next 24 to 36 hours.

**MONDAY**  
**10-08-2015**

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is expected at scattered places in northeast Punjab (Lahore, Gujranwala, Rawalpindi divisions), Hazara division, Islamabad, Kashmir while at isolated places in Malakand, Peshawar, Mardan, Bannu, Kohat, Zhob divisions, Gilgit-Baltistan and upper FATA.

**TUESDAY**  
**11-08-2015**

Scattered rain-thundershower is expected in upper KP (Malakand, Hazara, Peshawar, Kohat divisions), Rawalpindi, Gujranwala, Lahore divisions, upper FATA, Islamabad, Kashmir and Gilgit-Baltistan, while at isolated places in Bannu, Sargodha, Faisalabad, D.I.Khan, D G Khan, Zhob & Kalat divisions. Hot and humid weather expected in other parts of the country.

**WEDNESDAY**  
**12-08-2015**

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is expected at isolated places in Kashmir, Hazara, Malakand, Rawalpindi, Islamabad, Gujranwala, Lahore, Zhob, Kalat divisions, FATA.

**THURSDAY**  
**13-08-2015**

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is expected at isolated places in Kashmir, Malakand, Hazara, Rawalpindi, Gujranwala, Lahore and Kalat divisions, Islamabad and at few places in Lower Sindh.

**FRIDAY**  
**14-08-2015**

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is expected at isolated places in Kashmir, Malakand, Hazara, Peshawar, Kohat, Rawalpindi, Gujranwala, Lahore and Zhob divisions, and Islamabad.

**SATURDAY**  
**15-08-2015**

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is expected at isolated places in Kashmir, Malakand, Hazara, Peshawar, Kohat, Rawalpindi, Gujranwala, Sargodha, Lahore and Zhob divisions, Islamabad.

**SUNDAY**  
**16-08-2015**

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is expected at isolated places in Kashmir, Malakand, Hazara, Peshawar, Kohat, Rawalpindi, Gujranwala, Sargodha, Lahore and Zhob divisions, Islamabad.

**ADVISES FOR CROPS**

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

***General Information***

- Pest/viral attacks and more weeds growth are expected after heavy rains in cotton and other standing crops in upper parts of the country. Farmers are therefore advised to take in time precautionary measures in this regard.
- Farmers of cotton, sugarcane, rice and other standing crops are advised to be aware of the adverse effects of stagnant water in the fields. Mechanism for drainage of stagnant water from fields should be evolved on priority basis and necessary requirements in this regard should be taken.
- Weather forecast should be kept in mind before spraying chemicals.

**National Weather Data of Selected Cities**  
**(Weekly Data from 3<sup>rd</sup> to 9<sup>th</sup> August, 2015)**

Stations	Maximum/Day time Temperature (°C)		Growing Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Highest							
Astore	29.0	31.5	118.1	61	4.0	4.5	5.5	0.3	2.3
Badin	32.5	33.0	170.4	75	0.0	4.6	5.5	6.8	8.7
Bahawalnagar	37.4	38.5	194.4	71	1.0	3.5	4.2	0.7	1.0
Bahawalpur	37.1	38.0	184.7	71	1.0	2.3	3.5	4.0	2.7
Balakot	33.3	34.5	160.4	78	76.6	5.2	4.3	0.0	5.8
Bannu	37.9	38.5	173.8	66	0.0	1.8	1.3	0.0	4.2
Barkhan	35.5	37.0	162.3	61	0.0	0.7	0.0	0.0	1.3
Bunji	36.1	39.4	172.5	53	13.8	4.8	5.7	1.3	0.8
Cherat	29.2	30.5	132.3	79	3.0	5.0	4.8	2.0	2.3
Chhor	33.7	34.5	172.1	72	0.0	4.4	2.5	5.6	7.0
Chilas	40.9	44.6	200.3	37	1.7	4.5	5.0	4.3	4.0
Chitral	34.8	36.4	146.1	65	0.2	4.2	4.5	0.0	3.0
D.I.Khan	38.3	39.5	178.5	76	0.1	0.5	0.3	0.0	0.3
Dalbandin	43.0	43.0	188.5	24	0.0	0.0	0.3	1.7	3.3
D.G.Khan	36.4	37.3	184.8	67	0.0	1.8	1.2	3.0	4.7
Dir	32.2	34.0	132.5	81	44.0	6.2	2.7	0.0	1.7
Drosh	36.2	38.0	157.3	58	2.2	3.8	4.3	0.0	9.0
Faisalabad	38.0	38.5	188.8	74	0.0	2.4	3.3	0.9	0.9
Garidopatta	35.7	37.8	175.3	75	30.2	6.0	3.5	0.3	3.3
Gawader	32.8	34.0	165.8	75	0.0	6.2	3.5	0.7	7.0
Gilgit	35.5	38.0	161.8	66	3.4	4.8	4.5	0.0	2.3
Gupis	31.8	33.5	132.8	53	8.0	2.3	5.0	0.3	2.0

Hyderabad	35.3	36.8	174.6	64	0.0	2.7	1.8	1.7	12.3
Islamabad	34.3	36.0	170.3	75	106.1	3.7	4.3	1.6	6.7
Jacobabad	37.3	39.0	163.8	70	0.0	0.0	1.2	1.7	1.7
Jhang	37.7	38.4	184.1	76	0.1	2.0	2.5	0.3	0.7
Jhelum	34.9	36.6	179.6	76	0.1	4.8	4.0	0.3	2.0
Jiwani	31.8	32.3	160.7	76	0.0	6.0	3.5	3.0	7.7
Joharabad	37.0	38.0	185.7	84	50.4	2.7	2.7	0.3	2.0
Kakul	30.9	32.0	142.0	81	26.1	6.3	5.2	0.0	1.7
Kalam	26.6	27.5	104.0	77	14.0	3.5	6.3	0.0	1.0
KLT	31.9	33.0	114.3	30	0.0	0.0	1.0	0.0	0.0
Karachi	31.5	32.5	166.4	68	0.2	7.2	5.2	10.3	11.7
Khanpur	37.0	37.5	185.5	72	0.0	0.0	1.8	1.7	2.7
Khuzdar	35.7	38.5	178.3	21	0.0	0.0	1.2	0.0	0.3
Kotli	32.9	34.2	165.6	73	9.0	6.8	5.5	1.0	1.8
Lahore	34.7	36.2	175.1	79	13.8	4.2	6.8	0.7	1.3
Larkana	37.5	38.5	186.7	71	0.0	0.0	0.8	3.0	4.0
Lasbella	37.9	38.5	190.5	65	0.0	2.8	0.3	0.0	6.3
Lower Dir	36.9	39.0	159.8	68	5.0	5.7	3.3	0.0	2.0
M.B Din	35.4	37.0	176.4	78	1.1	5.3	4.7	0.0	0.0
Malam Jabba	22.2	23.0	89.5	80	35.0	6.2	6.2	0.0	0.0
Mangla	34.4	36.5	175.7	78	4.8	5.8	5.7	1.0	5.0
Mir Khani	37.5	39.0	172.0	35	0.0	2.3	2.8	0.0	0.7
Moinjodaro	37.4	38.0	185.6	63	0.0	0.0	0.7	7.3	4.0
Multan	36.8	37.2	187.6	69	0.0	3.8	2.5	4.0	6.0
Murree	23.6	25.5	102.4	90	40.0	5.5	8.0	1.3	0.7
Muzaffarabad	34.1	35.0	160.0	78	73.0	5.7	4.7	0.0	1.7

Nawabshah	38.8	40.0	186.9	58	0.0	0.8	2.0	6.2	8.2
Nokkundi	42.6	44.0	207.0	17	0.0	0.0	0.0	7.7	8.0
Noorpurthal	39.2	41.0	188.5	75	15.0	1.5	3.3	0.0	1.0
Okara	37.5	38.5	189.4	78	6.1	4.8	5.0	1.0	0.7
Padidan	37.1	38.5	187.0	66	0.0	0.3	1.7	1.7	2.7
Panjgur	40.3	41.0	181.5	33	0.0	0.0	0.3	3.3	8.0
Parachinar	31.2	32.5	140.0	79	6.6	5.5	5.7	3.0	3.0
Pasni	31.7	32.0	158.5	78	0.0	7.0	1.8	3.3	9.3
Pattan	38.1	39.5	160.0	59	0.0	4.8	3.3	0.3	2.3
Peshawar	36.6	38.0	187.4	77	17.1	3.3	3.0	0.7	1.7
Quetta	34.6	35.5	174.5	18	0.0	0.4	1.9	1.6	3.7
Rahim Yar Khan	38.7	40.2	187.6	65	0.0	0.8	1.8	2.0	0.7
Rawalakot	27.8	28.4	129.2	87	3.2	4.7	5.0	0.0	2.3
Rohri	38.7	39.5	197.8	62	0.0	0.7	1.3	3.7	3.3
Rawalpindi	35.1	37.0	179.7	76	113.6	4.0	5.4	2.2	2.9
Sahiwal	36.2	37.2	177.3	75	0.0	2.3	4.5	1.3	1.7
Saidu Sharif	33.6	35.0	160.3	76	1.2	3.8	2.2	0.0	0.0
Sialkot	32.4	35.5	166.7	82	30.7	6.0	6.7	0.0	0.3
Sibbi	41.3	42.0	180.5	57	0.0	0.7	0.0	1.3	2.3
Skardu	31.6	34.6	118.4	57	0.7	4.7	5.5	0.0	2.8
Tandojam	34.9	36.0	174.5	73	0.0	1.4	0.0	4.0	4.5
Usta.M	37.6	38.5	194.3	61	0.0	2.4	1.7	3.4	4.6
Zhob	38.0	39.0	170.8	45	0.0	0.3	0.3	5.0	5.0

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