

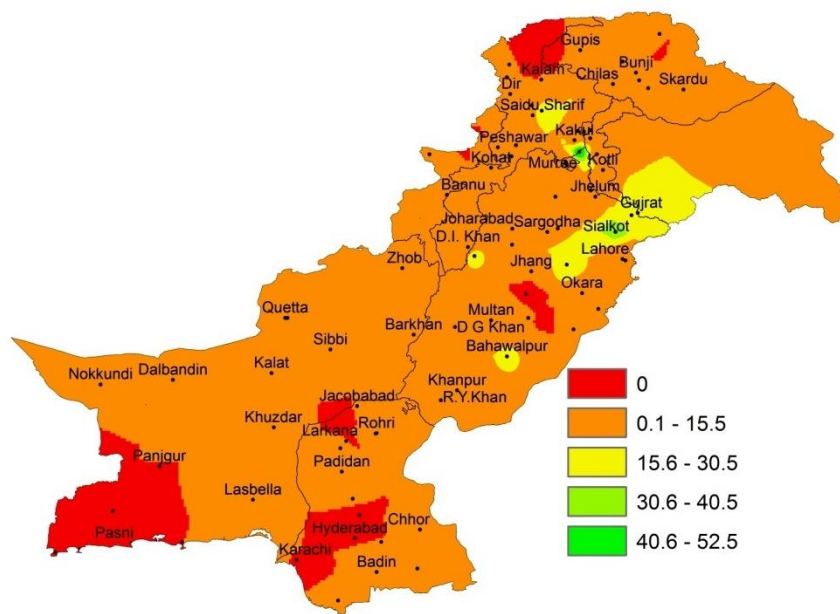
# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)**



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## **Highlights of Past Weather (From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)**

Mainly normal day time temperature was reported 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 few places in Balochistan and Sindh.

**Past Weather of Provinces (From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)****Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 39.5°C & 26.0°C respectively. For the present season average 193.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 51% and wind speed in the morning/evening 1.7/2.7 Knots. During the previous week the highest amount of rainfall was recorded 53.0mm at Murree & highest maximum temperature was recorded 47.5°C at Bhakkar.

**Sindh**

Light rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 41.1°C & 28.6°C respectively. For the present season average 208.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 3.1/5.0 Knots. During the previous week the highest amount of rainfall was recorded Chhor 10.7mm at Mithi & highest maximum temperature was recorded 47.5°C at Jacobabad.

**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 32.3°C & 17.1°C respectively. For the present season average 136.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 42% and wind speed in the morning/evening recorded 1.4/3.0 Knots. During the previous week the highest amount of rainfall was recorded 15.0mm at Kotli & highest maximum temperature was recorded 41.0°C at Garhi Dopatta.

**Balochistan**

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 28.9°C & 24.3°C respectively. For the present season average 194.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 43% and wind speed in the morning/evening recorded 1.8/3.3 Knots. During the previous week the highest amount of rainfall was recorded 6.1mm at Barkhan & highest maximum temperature was recorded 48.5°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 35.3°C & 21.3°C respectively. For the present season average 154.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 0.8/3.3 Knots. During the previous week the highest amount of rainfall was recorded 24.0 mm at Malam Jabba & highest maximum temperature was recorded 45.0°C at D.I.Khan.

**Past Weather for Major Agricultural Plains  
(From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as Trace (not measurable) during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 43%. Mean day time temperature recorded 39.6°C & for the present season 189.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.1 Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as 29.0mm during the week; however cloudiness in the morning/evening recorded 0.1/2.0 Oktas while, average relative humidity observed as 46%. Mean day time temperature recorded 40.2°C & for the present season 203.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/0.6 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/4.0 Oktas while, average relative humidity observed as 31%. Mean day time temperature recorded 34.6°C & for the present season 156.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.9/3.6 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 32%. Mean day time temperature recorded 43.7°C & for the present season 213.5 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 Singh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.3/2.3 Oktas while average relative humidity observed as 62%. Mean day time temperature recorded 39.9°C & for the present season 201.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 2.5/2.3 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)****Multan**

Rainfall reported as 1.2mm during the week; however cloudiness in the morning/evening recorded 3.1/0.6 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 40.5°C & for the present season 207.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.6/5.7 Knots.

**Rohri**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 0.4/0.0 Oktas while, average relative humidity observed as 39%. Mean day time temperature recorded 40.7°C & for the present season 217.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.3 Knots.

**Lahore**

Rainfall reported as 1.1mm during the week; however cloudiness in the morning/evening recorded 1.4/0.9 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 39.1°C & for the present season 196.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/4.0 Knots.

**Zhob**

Rainfall reported as 5.0mm during the week; however cloudiness in the morning/evening recorded 0.0/3.7 Oktas while, average relative humidity observed as 39%. Mean day time temperature recorded 36.9°C & for the present season 178.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.9/11.9 Knots.

**D.I. Khan**

Rainfall reported as 5.0mm during the week; however cloudiness in the morning/evening recorded 0.4/1.0 Oktas while, average relative humidity observed as 58%. Mean day time temperature recorded 40.8°C & for the present season 195.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.3 Knots.

**Peshawar**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/2.7 Oktas while, average relative humidity observed as 54%. Mean day time temperature recorded 39.4°C & for the present season 194.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/4.6Knots.

**Murree**

Rainfall reported as 53.0mm during the week; however cloudiness in the morning/evening recorded 2.0/2.9 Oktas while, average relative humidity observed as 58%. Mean day time temperature recorded 25.0°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 0.6/1.1 Knots.

**Kalam**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.7/3.9 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 26.9°C & for the present season 101.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.9 Knots.

**Gilgit**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.3/4.9 Oktas while, average relative humidity observed as 40%. Mean day time temperature recorded 34.2°C & for the present season 136.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/7.1 Knots.

**Skardu**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.3/5.3 Oktas while, average relative humidity observed as 32%. Mean day time temperature recorded 28.7°C & for the present season 104.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/6.0 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 *Budding* stage.

**Lower Sindh (Tandojam)**

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

**Cotton:** Good condition at *Budding* stage.

**Northern Balochistan (Quetta)**

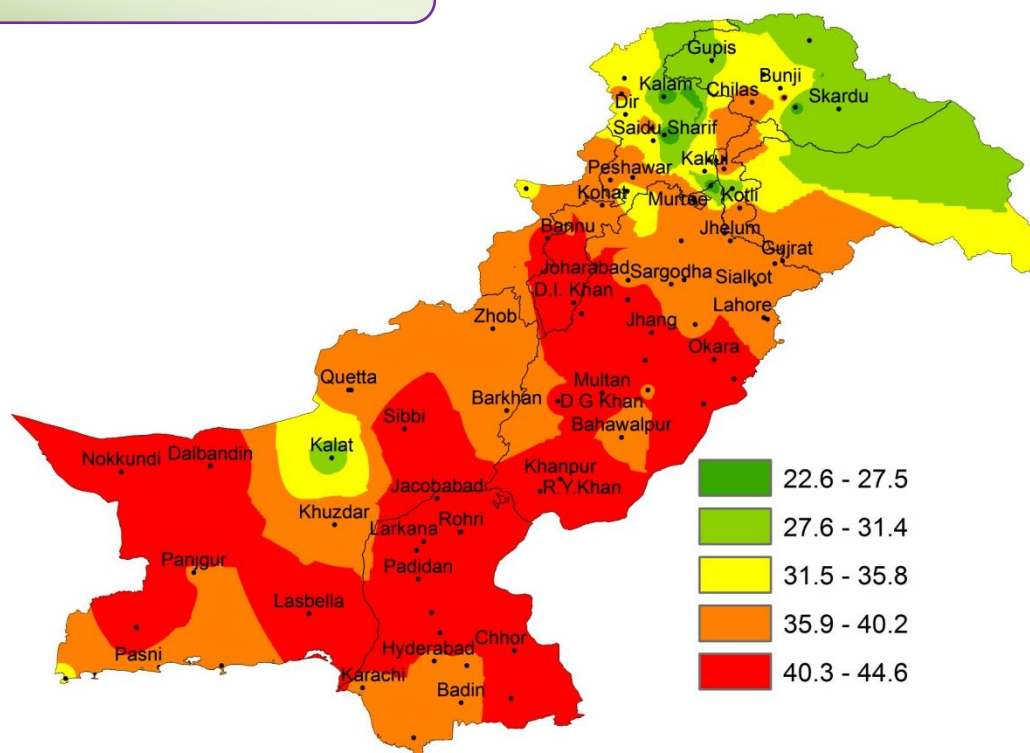
There is presently no crop grown in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

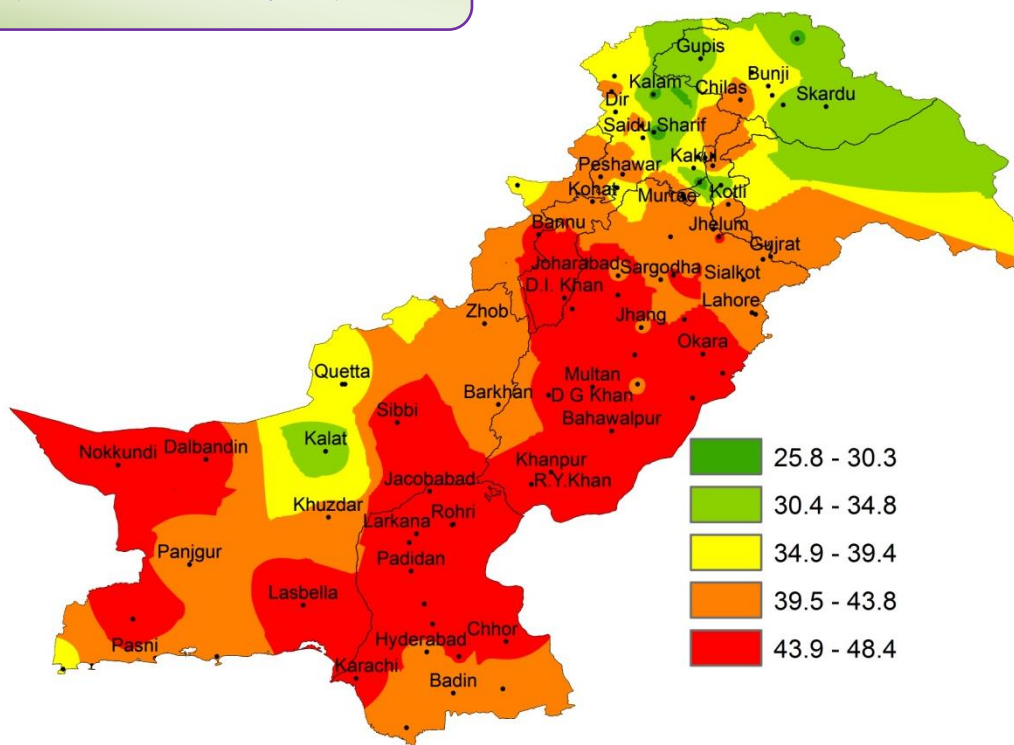
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

**Rice:** Good condition at *Germination* stage.

Mean Maximum Temperature (°C) during the  
Previous Week (From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)

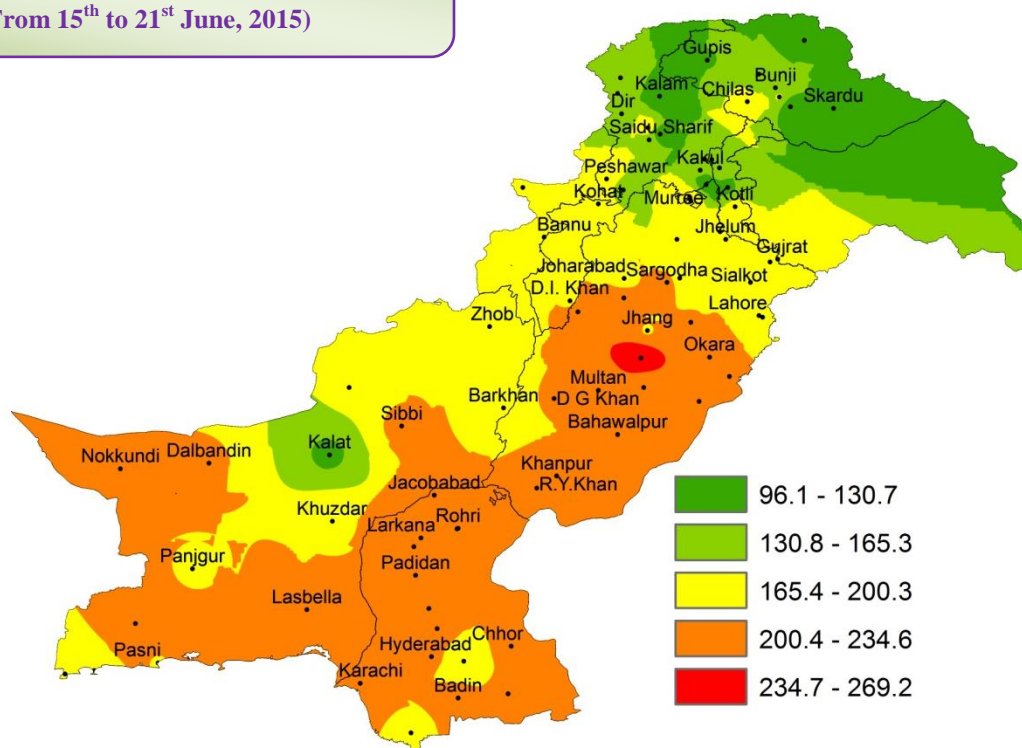


Highest Maximum Temperature (°C) during the  
Previous Week (From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)

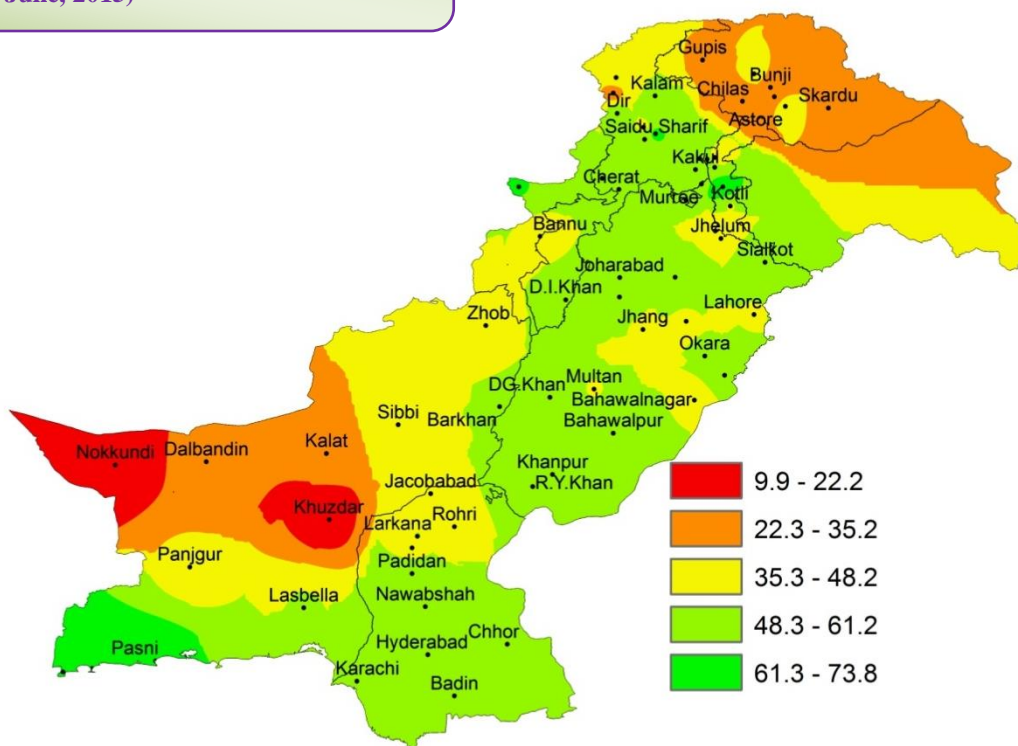




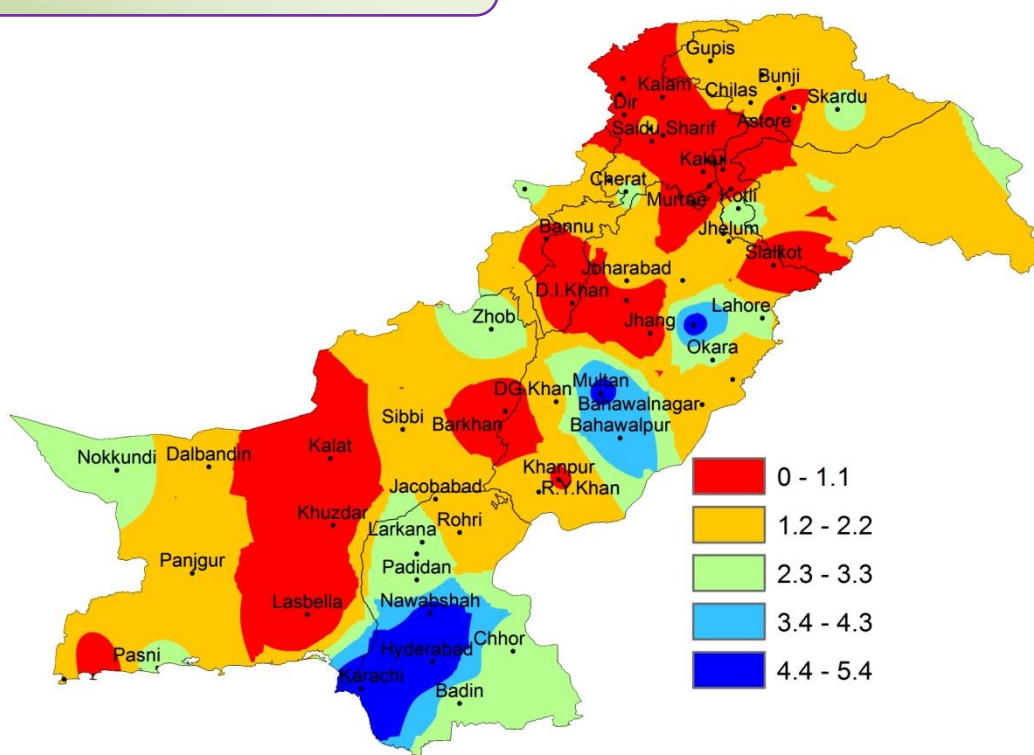
Total Growing Degree Days accumulated during the  
Previous Week (From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)



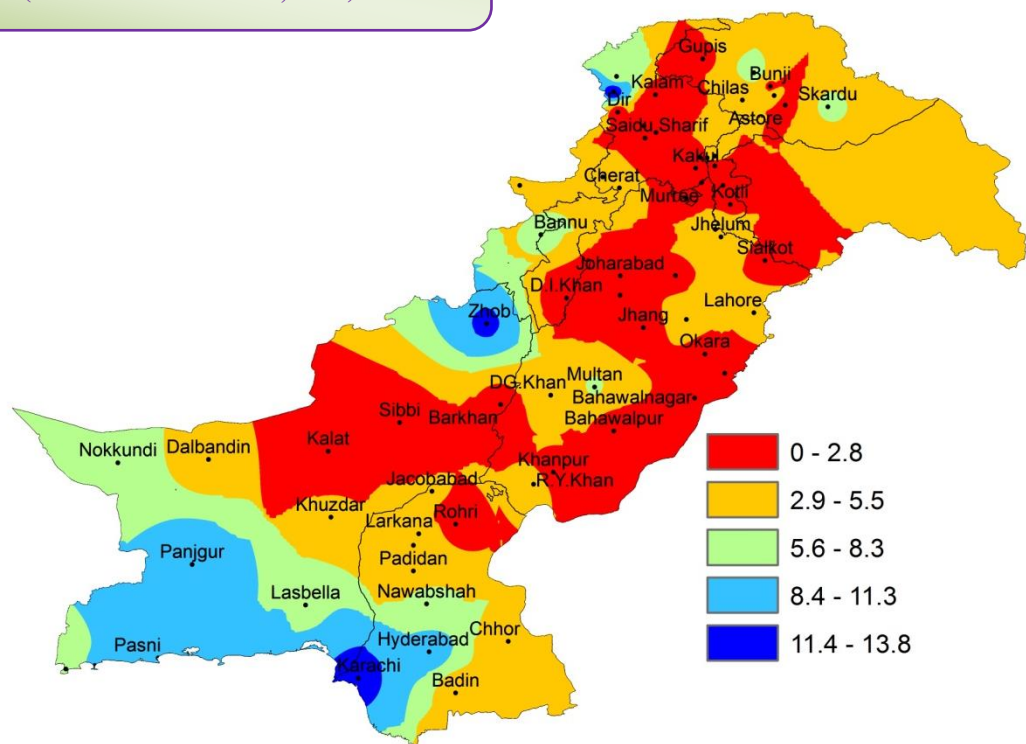
Mean Relative Humidity (%) during the Previous Week  
(From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)



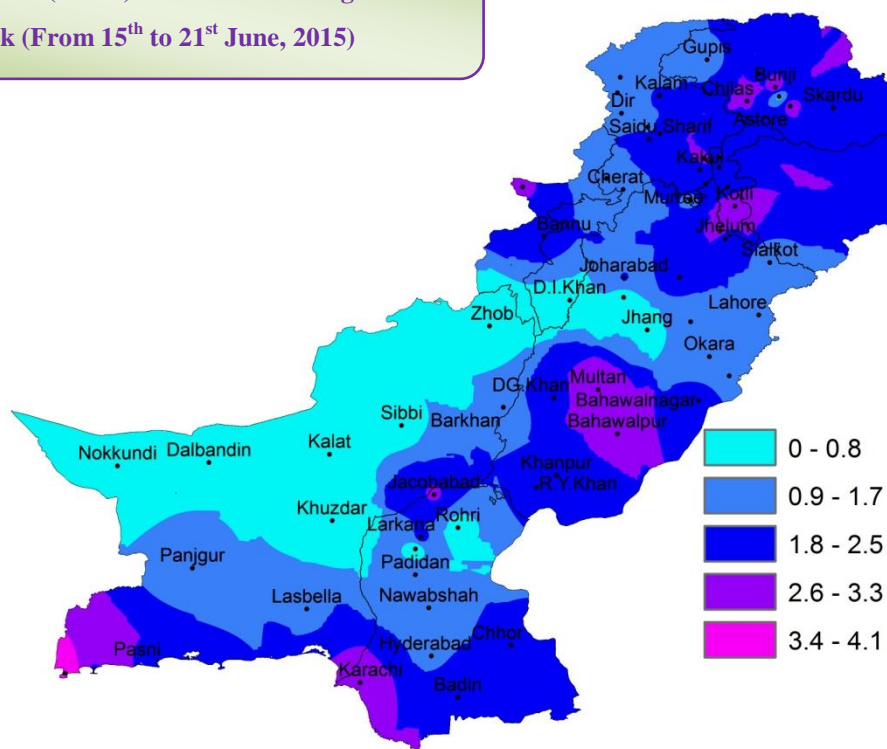
Mean Wind Speed (Knots) at 0800 PST during the  
Previous Week (From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)



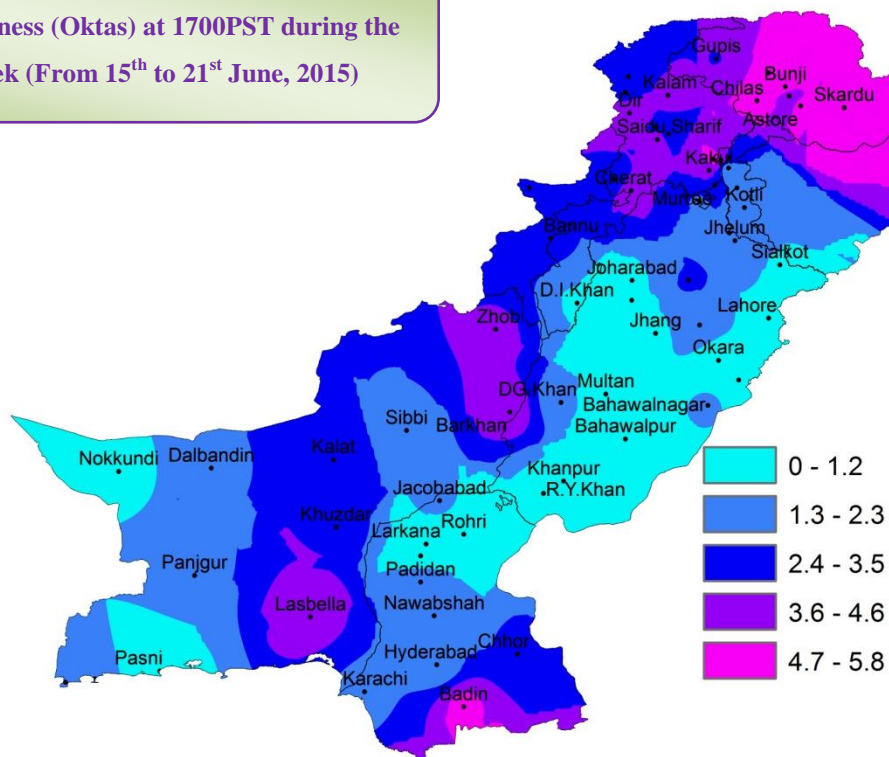
Mean Wind Speed (Knots) at 1700 PST during the  
Previous Week (From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)



Mean Cloudiness (Oktas) at 0800PST during the  
Previous Week (From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)



Mean Cloudiness (Oktas) at 1700PST during the  
Previous Week (From 15<sup>th</sup> to 21<sup>st</sup> June, 2015)





## **Weekly Weather Advisory for Farmers** **(From 22<sup>nd</sup> to 27<sup>th</sup> June, 2015)**

Seasonal low lies over north Balochistan and its adjoining areas. Light to moderate moist currents are reaching in upper & central parts of the country and likely to continue till Thursday. A fresh westerly wave is also expected to approach upper parts of the country from Monday (evening/night).

### **MONDAY 22-06-2015**

Rain-thundershower with dust storm is expected at scattered places in Kashmir, Islamabad, upper Punjab (Lahore, Gujranwala Rawalpindi, Sargodha divisions), upper KP (Malakand, Hazara, Peshawar, Kohat, Mardan divisions), FATA, while at isolated places in Mirpurkhas, Kalat, Multan, D.G. Khan divisions and Gilgit-Baltistan. Isolated heavy falls are also expected in Kashmir and Gujranwala divisions. Hot and dry weather is expected in other parts of the country.

### **TUESDAY 23-06-2015**

Rain-thundershower with dust storm is expected at scattered places in Kashmir, Islamabad, Punjab (Lahore, Gujranwala Rawalpindi, Sargodha, Faisalabad, Multan, D.G.Khan divisions), KP (Malakand, Hazara, Peshawar, Kohat, Bannu, D.I khan, Mardan divisions), FATA. Isolated rain-thundershower is also expected in South eastern Sindh (Mirpurkhas division), Northeast Balochistan (Sibbi, Nasirabad, Zhob divisions) and Gilgit-Baltistan. Isolated heavy falls are also expected in Kashmir, Rawalpindi, Lahore and Gujranwala divisions. Hot and dry weather is expected in other parts of the country.

### **WEDNESDAY 24-06-2015**

Rain-thundershower with dust storm is expected at scattered places in Kashmir, Islamabad, Punjab (Lahore, Gujranwala Rawalpindi, Sargodha, Faisalabad, Multan, DG.Khan, Bahawalpur divisions), KP (Malakand, Hazara, Peshawar, Kohat, Bannu, D.I khan, Mardan divisions), FATA. Isolated rain-thundershower is also expected in lower Sindh (Mirpurkhas, Hyderabad division), Northeast Balochistan (Sibbi, Nasirabad, Zhob divisions) and Gilgit-Baltistan. Isolated heavy falls are also expected in Kashmir, Rawalpindi, Lahore and Gujranwala divisions.

### **THURSDAY 25-06-2015**

Rain-thundershower is expected at scattered places in Kashmir, Islamabad, Punjab (Lahore, Gujranwala Rawalpindi, Sargodha, Faisalabad, Multan, D.G.Khan, Bahawalpur divisions), KP (Malakand, Hazara, Peshawar, Kohat, Bannu, D.I khan, Mardan divisions), FATA. Isolated rain-thundershower is also expected in lower Sindh (Mirpurkhas, Hyderabad division), Sibbi, Nasirabad, Zhob divisions and Gilgit-Baltistan.

### **FRIDAY 26-06-2015**

Hot and humid weather is expected in most parts of the country; however rain-thundershower is expected at isolated places in Kashmir, Islamabad, northeast Punjab (Lahore, Gujranwala, Rawalpindi divisions), KP (Malakand, Hazara, Peshawar, Kohat, Mardan divisions), FATA, Lower Sindh (Mirpur Khas, Hyderabad divisions).

### **SATURDAY 27-06-2015**

Hot and humid weather is expected in most parts of the country. However rain-thundershower is expected at isolated places in Kashmir, Lower Sindh (Mirpur Khas, Hyderabad divisions), Hazara and Rawalpindi divisions.

## **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.
- Due to prevailing dry weather and rising day time temperature, cotton and sugarcane farmers should irrigate the crops as per requirement.
- 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.

**National Weather Data of Selected Cities**  
**(Weekly Data From 15<sup>th</sup> to 21<sup>st</sup> June, 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	25.9	30.5	96.8	40	0.1	2.9	4.9	1.1	2.0
Badin	39.6	41.0	207.5	55	0.1	2.4	5.1	2.6	3.7
Bahawalnagar	42.0	46.5	214.9	46	0.0	2.0	1.3	1.1	2.0
Bahawalpur	40.0	45.0	201.6	58	18.0	2.6	0.0	3.7	1.1
Balakot	34.7	38.0	155.2	51	18.0	2.7	5.1	0.3	1.7
Bannu	40.7	44.5	189.8	41	1.0	2.0	2.9	0.9	6.6
Barkhan	36.8	39.5	175.8	50	6.1	1.0	4.4	0.0	1.4
Bunji	33.1	37.8	150.7	30	0.0	3.3	5.9	2.3	2.3
Cherat	30.9	35.5	141.3	56	11.0	1.6	4.1	2.6	2.9
Chhor	41.6	44.0	208.3	54	10.7	2.1	2.7	2.6	3.7
Chilas	37.4	40.8	183.5	22	1.8	2.6	5.0	1.1	2.9
Chitral	35.0	39.2	153.0	45	0.0	0.9	2.7	0.0	6.6
D.I.Khan	40.8	45.0	195.8	58	5.0	0.4	1.0	0.6	0.3
Dalbandin	43.1	45.0	203.3	27	1.8	0.7	1.9	1.1	4.0
DG.Khan	40.4	45.0	204.6	57	11.4	2.3	1.4	2.0	4.6
Dir	33.1	37.0	135.5	57	4.0	1.6	4.6	0.4	0.9
Drosh	36.5	40.0	166.6	27	0.0	1.3	3.0	0.6	13.9
Faisalabad	40.2	44.0	203.5	46	29.0	0.1	2.0	1.1	0.6
Garidopatta	37.4	41.0	165.5	50	5.0	1.7	0.9	0.6	0.0
Gawader	36.9	40.0	186.3	70	0.0	2.4	1.4	0.0	8.4
Gilgit	34.2	39.0	136.9	40	0.1	2.3	4.9	1.1	7.1
Gupis	30.4	33.5	128.8	32	0.0	1.4	3.4	2.0	2.3

Hyderabad	39.5	43.0	203.7	53	0.0	1.6	1.1	5.4	10.0
Islamabad	37.8	41.3	177.6	49	0.1	1.6	2.1	0.0	1.7
Jacobabad	42.2	47.5	217.6	46	0.0	2.6	1.4	2.0	2.9
Jhang	40.5	43.5	197.6	47	0.0	0.7	1.0	0.3	1.1
Jhelum	39.6	44.0	199.3	48	3.2	1.9	2.0	1.4	4.6
Jiwani	35.3	37.5	180.9	70	0.0	4.1	2.0	2.0	7.4
Joharabad	39.2	43.2	194.8	56	13.1	1.7	1.0	1.7	1.4
Kakul	31.9	35.0	136.6	52	5.0	2.1	3.7	0.3	1.1
Kalam	26.9	30.0	101.0	53	0.0	1.7	3.9	0.0	0.9
Kalat	30.3	32.0	124.0	27	0.0	0.0	3.4	0.0	0.0
Karachi	40.1	45.0	211.4	58	0.0	3.0	2.0	5.1	12.3
Khanpur	41.1	45.0	206.3	55	0.0	2.0	0.7	0.9	2.0
Khuzdar	38.1	40.0	195.3	13	3.0	0.0	3.3	0.6	3.4
Kotli	37.5	40.8	178.0	47	15.0	3.1	1.1	3.3	2.0
Lahore	39.1	42.8	196.1	48	1.1	1.4	0.9	2.3	4.0
Larkana	42.4	47.5	223.8	48	0.0	2.0	0.9	3.0	3.1
Lasbella	43.5	47.0	210.0	50	3.1	1.6	4.1	0.0	8.0
Lower Dir	38.3	42.0	190.5	43	0.0	1.1	3.3	1.7	2.6
M.B Din	38.9	44.0	189.1	54	14.6	2.1	2.4	1.1	2.0
Malam Jabba	22.3	25.5	94.5	65	24.0	2.3	3.0	0.0	0.0
Mangla	39.2	43.2	191.1	46	0.1	3.0	2.0	2.0	4.6
Mir Khani	37.2	38.0	172.0	30	0.0	0.4	3.6	0.0	3.6
Moinjodaro	40.7	47.0	209.5	46	0.0	0.3	0.6	3.1	4.0
Multan	40.5	44.3	207.9	48	1.2	3.1	0.6	4.6	5.7
Murree	25.0	28.0	104.0	58	53.0	2.0	2.9	0.6	1.1
Muzaffarabad	34.4	38.4	154.8	57	3.6	2.4	4.4	0.7	2.9

Nawabshah	42.6	45.0	213.9	49	0.0	1.0	1.4	4.9	6.3
Nokkundi	43.4	46.5	212.8	10	0.0	0.4	0.7	2.9	6.3
Noorpurthal	42.7	47.0	206.5	50	1.4	0.4	1.0	0.0	1.1
Okara	41.1	45.5	206.6	49	6.3	1.0	0.6	2.3	1.4
Padidan	40.7	44.0	208.8	53	0.1	1.3	1.9	2.3	4.6
Panjgur	40.1	42.0	197.8	40	0.0	1.1	2.0	1.4	11.1
Parachinar	35.2	36.0	183.4	62	0.0	2.6	3.1	2.6	3.0
Pasni	37.5	42.0	199.5	71	0.0	2.3	0.0	2.6	10.0
Pattan	38.1	42.0	***	42	2.0	1.6	3.1	0.0	4.6
Peshawar	39.4	42.4	194.2	54	0.0	1.0	2.7	1.1	4.6
Quetta	34.6	36.0	156.6	31	0.0	1.0	4.0	2.0	4.6
R.Y.Khan	42.6	46.4	219.6	52	0.1	2.0	0.4	2.9	3.6
Rawalakot	28.7	31.8	120.2	74	4.5	2.1	2.3	0.0	0.9
Rohri	40.7	46.0	217.0	47	0.1	0.4	0.0	1.1	2.3
Rawalpindi	39.6	43.0	189.3	43	0.1	0.0	0.0	0.3	0.1
Sahiwal	40.7	44.8	200.3	51	1.0	1.4	0.7	1.4	1.4
Saidu Sharif	34.5	38.5	160.0	59	15.0	2.3	4.0	0.3	0.9
Sialkot	38.6	43.0	189.6	52	23.9	1.3	1.0	0.0	1.7
Sibbi	44.6	48.5	210.5	44	0.7	0.6	1.4	1.4	1.1
Skardu	28.7	32.5	104.5	32	0.1	2.3	5.3	2.6	6.0
Tandojam	39.9	42.0	201.3	62	0.0	1.3	2.3	2.5	2.3
Usta.M	43.7	47.5	213.5	32	0.0	0.0	0.0	0.1	0.1
Zhob	36.9	39.5	178.8	39	5.0	0.0	3.7	2.9	11.9

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