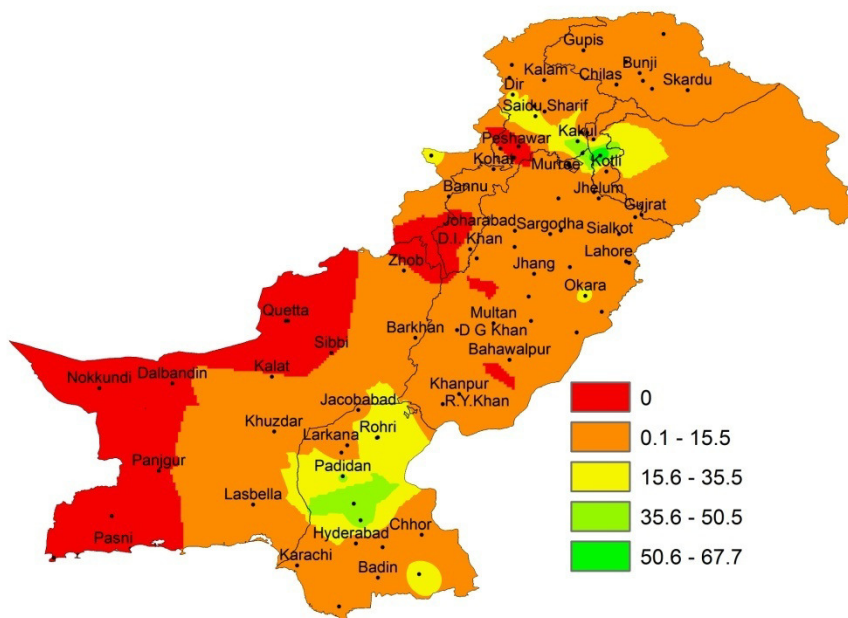


# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)**

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## Highlights of Past Weather (From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)

Mainly below 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, Sindh and Gilgit-Baltistan & Kashmir regions.
- Light rainfall reported at few places 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 1<sup>st</sup> to 7<sup>th</sup> June, 2015)

### Punjab

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 36.2°C & 22.8°C respectively. For the present season average 171.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 47% and wind speed in the morning/evening 1.4/3.6 Knots. During the previous week the highest amount of rainfall was recorded 49.4mm at Murree & highest maximum temperature was recorded 44.8°C at R.Y.Khan.

### Sindh

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 40.6°C & 26.2°C respectively. For the present season average 198.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 3.2/5.9 Knots. During the previous week the highest amount of rainfall was recorded 50.0mm at Sukkur & highest maximum temperature was recorded 48.4°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 27.4°C & 14.2°C respectively. For the present season average 111.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 1.2/6.6 Knots. During the previous week the highest amount of rainfall was recorded 67.7mm at Rawalakot & highest maximum temperature was recorded 36.1°C at Muzaffarabad.

### Balochistan

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 37.5°C & 22.9°C respectively. For the present season average 178.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 39% and wind speed in the morning/evening recorded 2.6/6.6 Knots. During the previous week the highest amount of rainfall was recorded 14.0mm at Khuzdar & highest maximum temperature was recorded 49.0°C at Pasni.

### Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 31.8°C & 17.5°C respectively. For the present season average 131.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 1.1/4.2 Knots. During the previous week the highest amount of rainfall was recorded 44.0 mm at Kakul & highest maximum temperature was recorded 40.4°C at Bannu.

**Past Weather for Major Agricultural Plains  
(From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 12.1mm during the week; however cloudiness in the morning/evening recorded 3.0/2.6 Oktas while, average relative humidity observed as 46%. Mean day time temperature recorded 33.9°C & for the present season 160.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.2/0.9 Knots.

**Faisalabad (Central Punjab)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.1/2.6 Oktas while, average relative humidity observed as 38%. Mean day time temperature recorded 38.3°C & for the present season 184.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.2/1.5 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.9/3.1 Oktas while, average relative humidity observed as 23%. Mean day time temperature recorded 31.4°C & for the present season 139.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/3.8 Knots.

**Usta Muhammad (Eastern Balochistan)**

Rainfall reported as 5.0mm during the week; however cloudiness in the morning/evening recorded 2.0/2.0 Oktas while, average relative humidity observed as 32%. Mean day time temperature recorded 43.6°C & for the present season 203.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/3.2 Knots.

**Tandojam (Lower Singh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/0.9 Oktas while average relative humidity observed as 61%. Mean day time temperature recorded 40.9°C & for the present season 197.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 1.2/2.6 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)****Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/1.6 Oktas while, average relative humidity observed as 34%. Mean day time temperature recorded 38.0°C & for the present season 189.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.3/3.7 Knots.

**Rohri**

Rainfall reported as 7.1mm during the week; however cloudiness in the morning/evening recorded 7.1/1.7 Oktas while, average relative humidity observed as 37%. Mean day time temperature recorded 40.9°C & for the present season 210.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.5/2.3 Knots.

**Lahore**

Rainfall reported as 0.9mm during the week; however cloudiness in the morning/evening recorded 3.3/3.3 Oktas while, average relative humidity observed as 41%. Mean day time temperature recorded 35.7°C & for the present season 179.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.7/4.9 Knots.

**Zhob**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/4.6 Oktas while, average relative humidity observed as 37%. Mean day time temperature recorded 30.6°C & for the present season 134.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/8.9 Knots.

**D.I. Khan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/1.0 Oktas while, average relative humidity observed as 46%. Mean day time temperature recorded 38.2°C & for the present season 175.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.1 Knots.

**Peshawar**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.8/1.9 Oktas while, average relative humidity observed as 52%. Mean day time temperature recorded 36.9°C & for the present season 186.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/2.6Knots.

**Murree**

Rainfall reported as 49.4mm during the week; however cloudiness in the morning/evening recorded 3.2/5.3 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 20.8°C & for the present season 79.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.5/2.0 Knots.

**Kalam**

Rainfall reported as 1.5mm during the week; however cloudiness in the morning/evening recorded 2.0/4.9 Oktas while, average relative humidity observed as 51%. Mean day time temperature recorded 23.5°C & for the present season 78.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/3.7 Knots.

**Gilgit**

Rainfall reported as 0.4mm during the week; however cloudiness in the morning/evening recorded 4.2/6.0 Oktas while, average relative humidity observed as 43%. Mean day time temperature recorded 30.3°C & for the present season 119.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/10.9 Knots.

**Skardu**

Rainfall reported as 5.6mm during the week; however cloudiness in the morning/evening recorded 5.5/6.1 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 22.4°C & for the present season 77.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/4.6 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:** Excellent condition at *Third Leaf* stage.

**Lower Sindh (Tandojam)**

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

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

**Northern Balochistan (Quetta)**

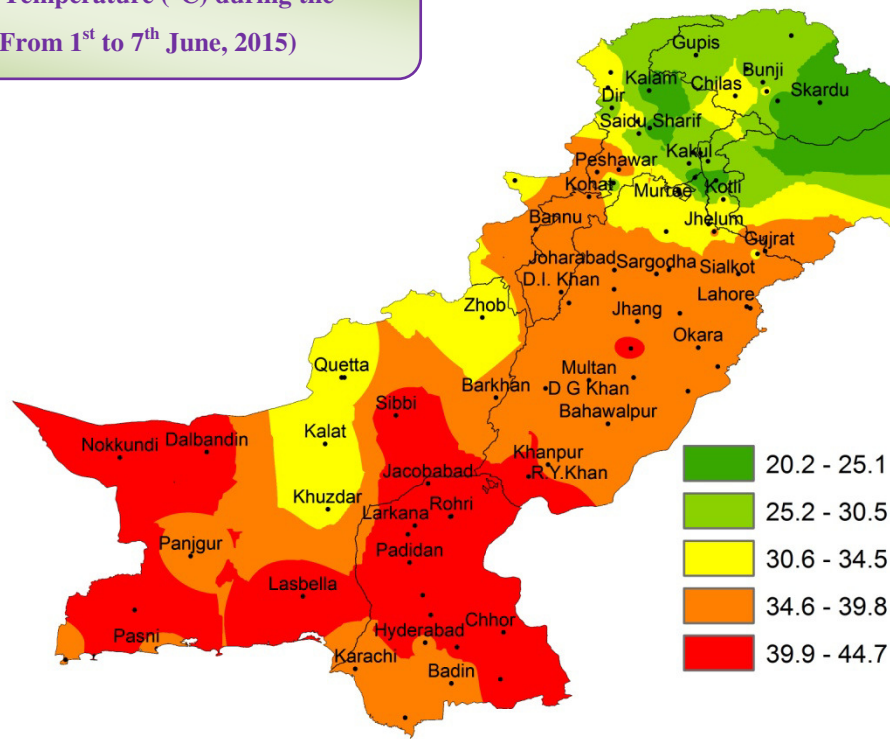
There is presently no crop grown in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

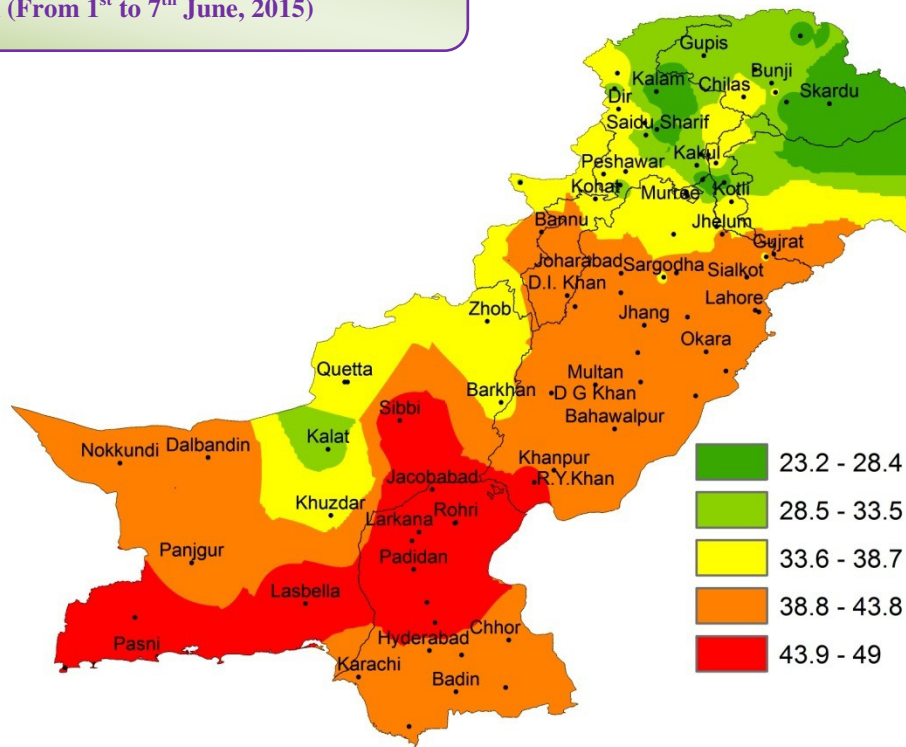
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

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

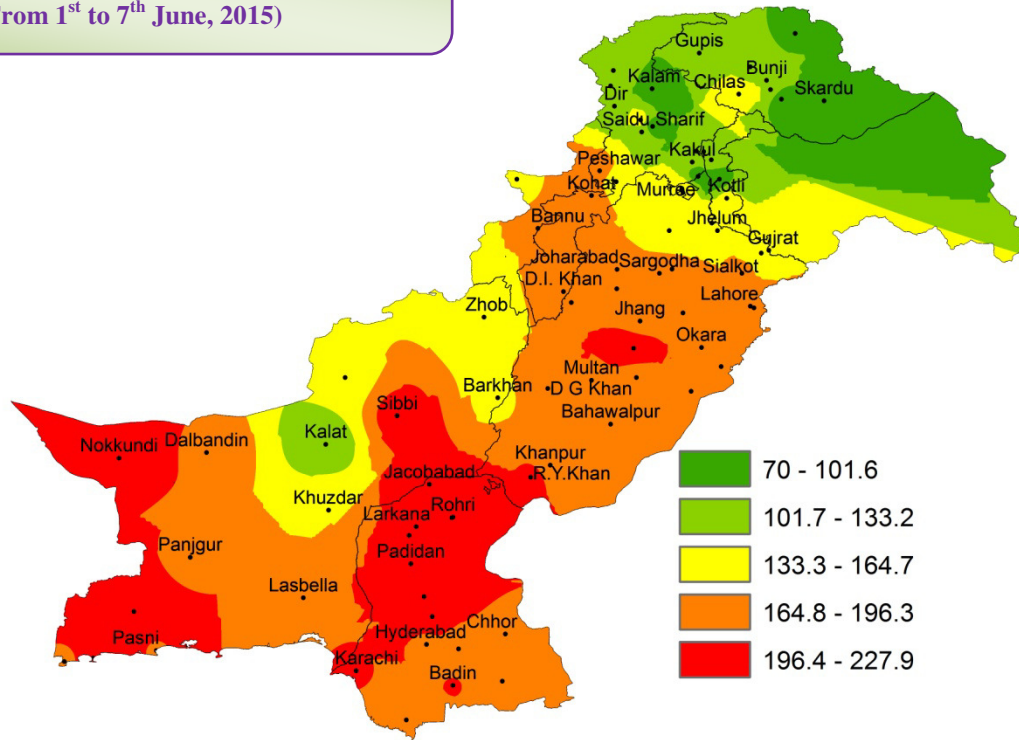
Mean Maximum Temperature (°C) during the Previous Week (From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)



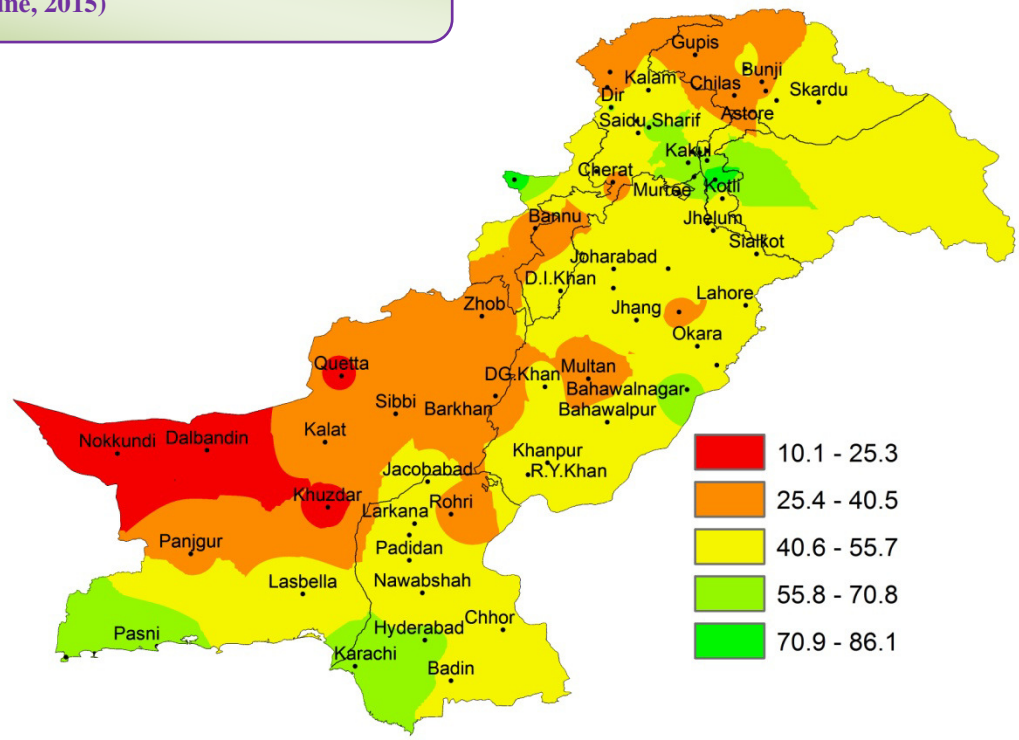
Highest Maximum Temperature (°C) during the Previous Week (From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)



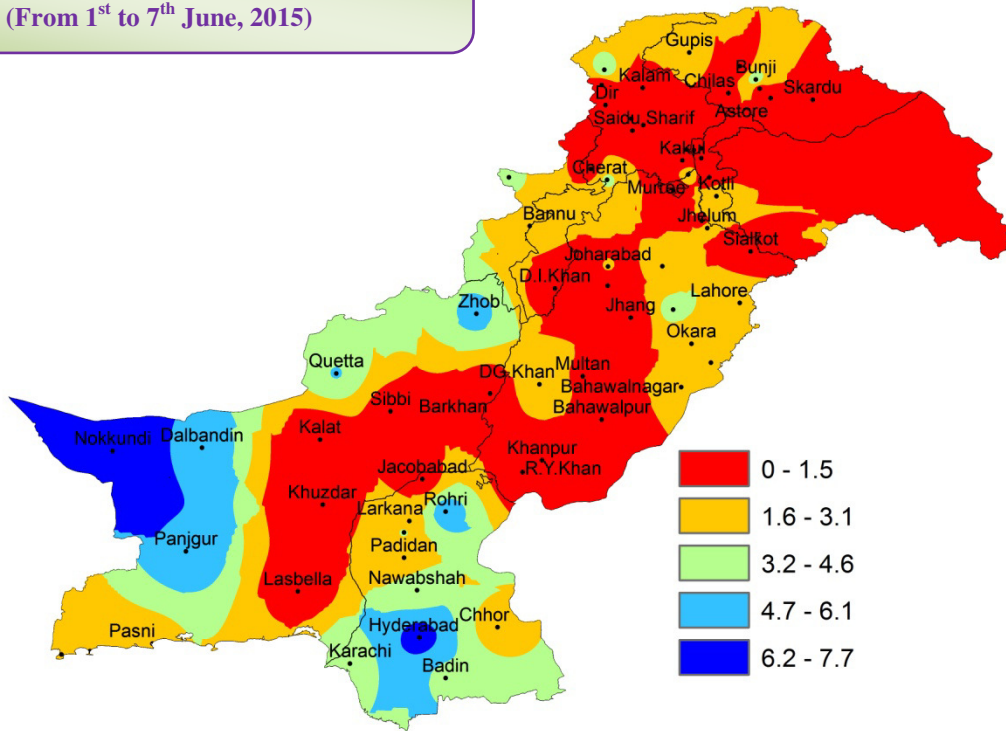
Total Growing Degree Days accumulated during the Previous Week (From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)



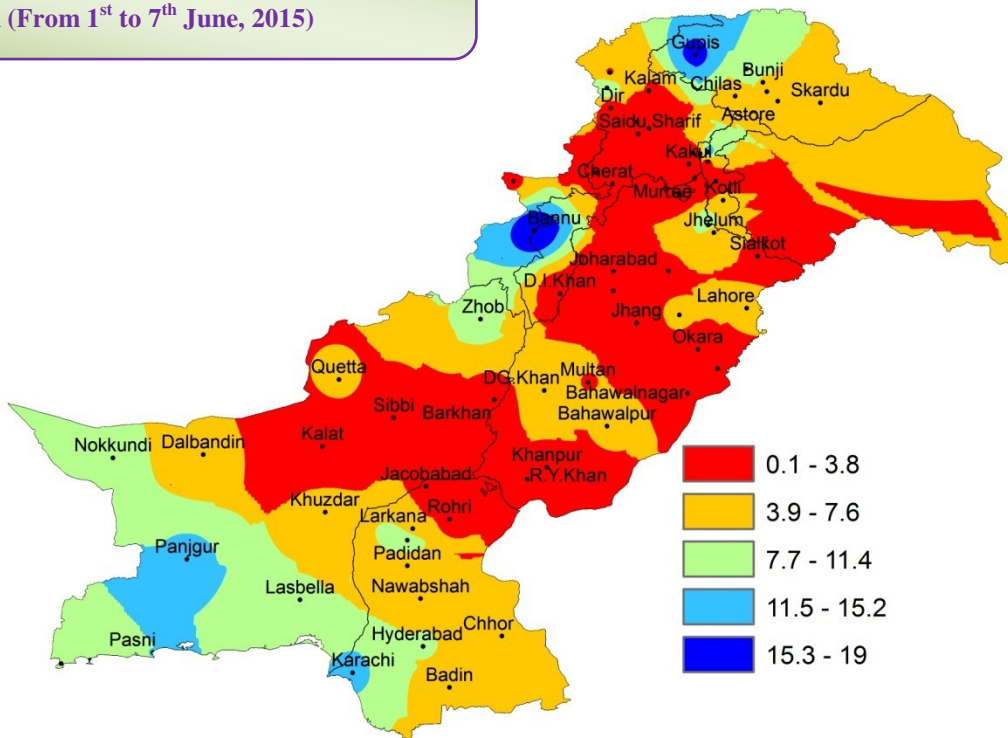
Mean Relative Humidity (%) during the Previous Week (From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)



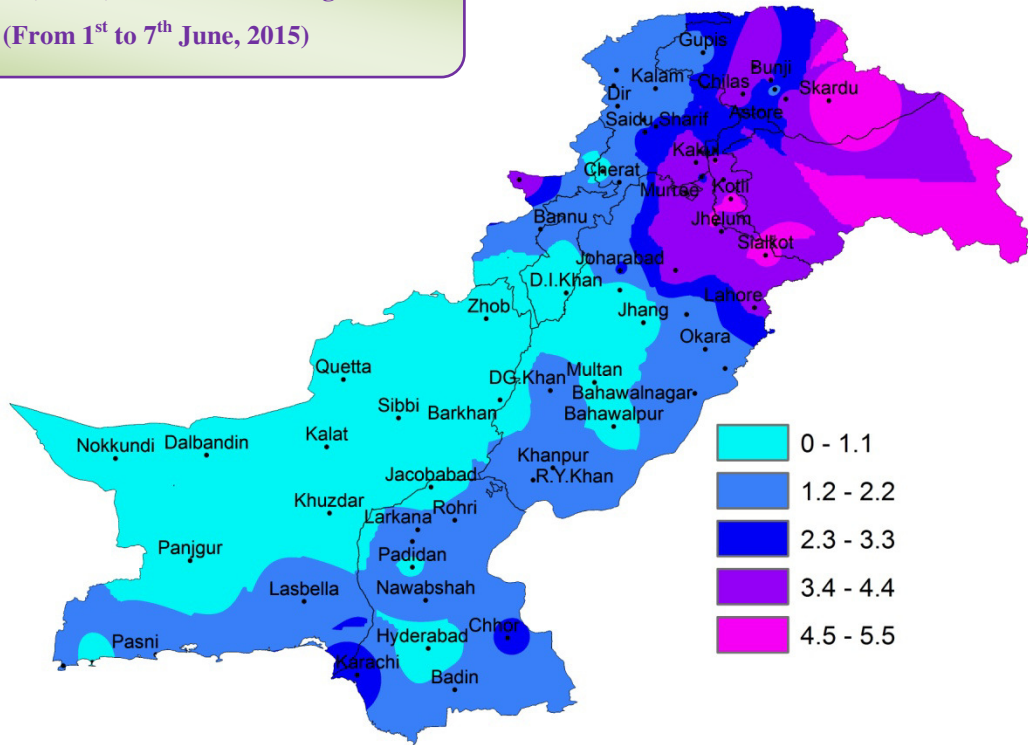
Mean Wind Speed (Knots) at 0800 PST during the Previous Week (From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)



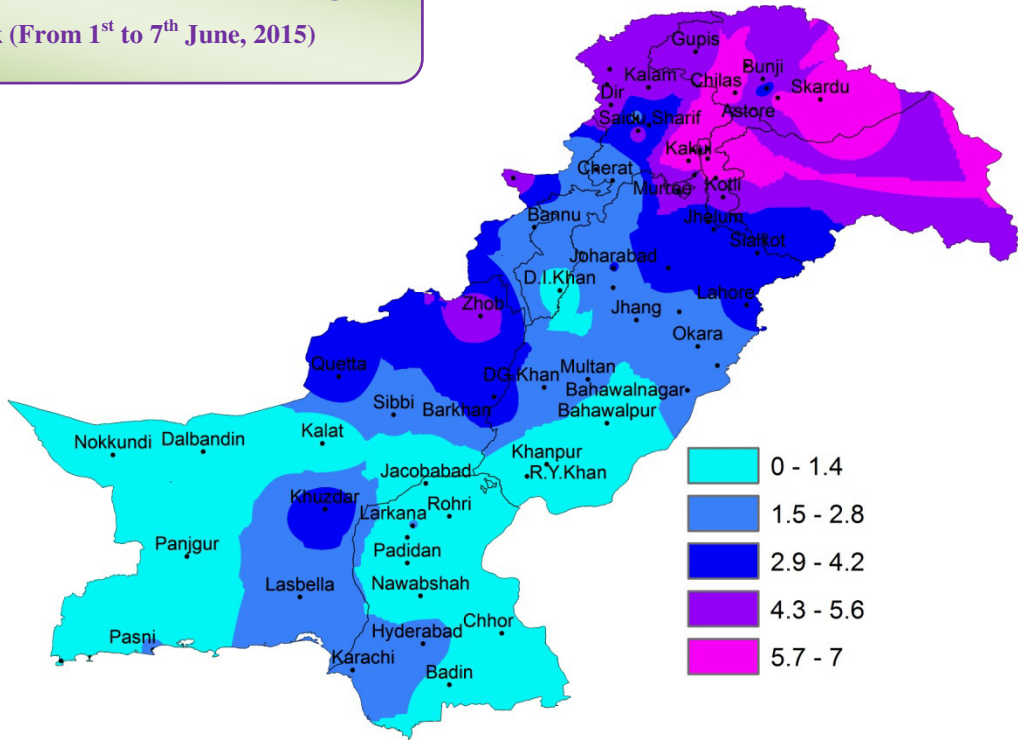
Mean Wind Speed (Knots) at 1700 PST during the Previous Week (From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous Week (From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous Week (From 1<sup>st</sup> to 7<sup>th</sup> June, 2015)





**Weekly Weather Advisory for Farmers**  
**(From 8<sup>th</sup> to 13<sup>rd</sup> June, 2015)**

Seasonal low lies over northwest Balochistan and adjoining areas. A fresh westerly wave is likely to enter upper parts of the country on Monday night.

**MONDAY**  
**08-06-2015**

Mainly hot and dry weather is expected in most parts of the country. However, rain thundershower is expected at isolated places in Malakand, Hazara, Quetta, Kalat, Makran, Mirpurkhas, Hyderabad divisions, Gilgit-Baltistan and Kashmir during evening/night.

**TUESDAY**  
**09-06-2015**

Rain thundershower is expected at scattered places in coastal areas of Balochistan and Sindh, Kalat, Hyderabad divisions, while at isolated places in upper FATA, Malakand, Hazara, Rawalpindi, Gujranwala, Quetta, Zhob divisions, Gilgit-Baltistan and Kashmir. Isolated heavy to very heavy falls are also likely in Makran, Kalat and Hyderabad divisions. Hot and dry weather is expected in other parts of the country.

**WEDNESDAY**  
**10-06-2015**

Rain thundershower is expected at scattered places in Makran and Kalat divisions, while at isolated places in lower Sindh (Hyderabad, and Karachi divisions), Islamabad, Rawalpindi, Gujranwala, Lahore, Malakand, Hazara, Peshawar, Kohat divisions, upper FATA, Kashmir and Gilgit-Baltistan.

**THURSDAY**  
**11-06-2015**

Mainly hot and dry weather is expected in most parts of the country. However, rain thundershower is expected at isolated places in Kalat, Makran, Karachi, Rawalpindi, Gujranwala, Lahore, Faisalabad, Malakand divisions, Islamabad, Gilgit-Baltistan and Kashmir.

**FRIDAY**

**12-06-2015**

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

**SATURDAY**

**13-06-2015**

Mainly hot and dry weather is expected in most parts of the country. However, rain thundershower is expected at scattered places in Hazara division, Kashmir while, at isolated places in Malakand, Gujranwala, Rawalpindi divisions, Islamabad and Gilgit-Baltistan.

**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.

**National Weather Data of Selected Cities**  
**(Weekly Data From 1<sup>st</sup> to 7<sup>th</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	21.3	24.5	69.2	55	15.8	4.0	6.3	0.7	4.0
Badin	39.1	42.0	197.3	55	1.1	1.7	1.3	4.3	5.1
Bahawalnagar	38.1	41.5	189.0	62	3.0	1.8	1.6	2.0	3.7
Bahawalpur	39.0	41.3	192.6	45	0.0	1.0	0.6	0.3	4.0
Balakot	28.6	33.0	119.6	53	10.5	3.8	7.0	0.5	0.9
Bannu	38.1	40.4	167.3	32	0.0	1.2	2.1	2.3	19.0
Barkhan	34.5	38.0	154.0	35	4.3	0.3	3.6	0.0	1.7
Bunji	29.7	32.8	132.7	36	0.1	3.5	5.0	4.3	7.4
Cherat	28.8	31.0	134.9	36	0.0	1.8	1.6	3.3	3.1
Chhor	41.0	43.0	195.1	49	4.0	2.3	0.9	2.3	4.3
Chilas	32.5	35.2	147.6	26	0.3	3.5	5.9	1.0	4.3
Chitral	31.4	35.0	129.9	34	0.0	2.2	5.6	4.3	3.4
D.I.Khan	38.2	40.2	175.7	46	0.0	0.0	1.0	0.3	1.1
Dalbandin	41.3	43.0	195.4	19	0.0	0.0	0.0	5.7	4.6
DG.Khan	39.2	42.0	196.4	43	0.2	1.5	2.0	3.0	7.1
Dir	29.8	34.0	107.2	57	17.0	1.3	5.0	0.0	1.7
Drosh	30.9	33.0	125.6	30	5.3	1.7	4.9	0.0	11.9
Faisalabad	38.3	42.6	184.7	38	0.0	2.1	2.6	1.2	1.5
Garidopatta	29.6	34.8	126.3	67	15.0	4.7	7.0	0.3	2.1
Gawader	40.2	48.0	200.8	59	0.0	0.7	0.7	1.7	11.3
Gilgit	30.3	33.0	119.2	43	0.4	4.2	6.0	0.0	10.9
Gupis	26.4	28.5	118.0	30	1.0	2.0	5.3	2.7	16.1

Hyderabad	39.1	41.0	191.1	57	8.2	0.0	1.6	6.7	8.0
Islamabad	32.9	36.0	148.0	53	6.2	4.0	4.1	0.0	0.9
Jacobabad	42.0	46.0	208.3	42	11.0	0.3	0.0	0.3	2.3
Jhang	37.9	40.8	174.7	44	6.8	0.8	1.6	0.0	2.0
Jhelum	34.6	39.0	163.2	48	7.6	4.0	3.1	1.7	3.7
Jiwani	38.3	46.0	193.9	60	0.0	1.6	1.3	2.8	8.0
Joharabad	36.8	40.3	172.1	50	7.2	2.3	2.9	1.7	0.9
Kakul	27.2	31.0	109.6	56	44.0	4.3	6.0	0.3	1.1
Kalam	23.5	26.0	78.3	51	1.5	2.0	4.9	0.0	3.7
Kalat	30.7	32.0	102.8	30	0.0	0.0	0.0	0.0	0.6
Karachi	37.9	40.0	197.6	61	0.0	2.7	1.4	4.0	12.0
Khanpur	39.3	42.5	191.1	50	0.0	2.0	1.0	0.3	2.9
Khuzdar	33.9	38.5	163.5	22	14.0	0.0	3.6	0.0	4.9
Kotli	31.0	36.1	145.8	48	2.0	4.5	5.0	3.0	5.0
Lahore	35.7	38.7	174.2	41	0.9	3.3	3.3	2.7	4.9
Larkana	41.3	46.0	207.0	49	6.1	1.5	1.4	2.0	5.4
Lasbella	42.2	47.0	193.6	48	7.0	2.0	2.1	0.7	8.3
Lower Dir	34.3	37.0	150.4	43	11.0	1.0	2.3	1.3	2.3
M.B Din	34.8	39.8	168.7	47	2.3	3.8	3.7	2.0	2.9
Malam Jabba	20.0	23.0	72.8	61	6.0	2.7	4.0	0.0	0.0
Mangla	34.1	38.3	159.8	46	2.4	4.5	3.7	1.3	10.9
Mir Khani	31.8	34.5	133.3	37	6.0	1.5	3.1	0.7	6.4
Moinjodaro	41.8	47.3	201.1	43	12.5	1.2	1.1	3.2	10.9
Multan	38.0	40.5	189.7	34	0.0	1.0	1.6	1.3	3.7
Murree	20.8	24.0	79.7	60	49.4	3.2	5.3	2.5	2.0
Muzaffarabad	30.6	34.5	129.2	64	6.1	3.0	5.1	0.0	1.7

Nawabshah	41.2	47.0	197.6	50	37.2	1.8	1.3	4.0	6.6
Nokkundi	40.8	42.5	202.4	10	0.0	0.0	0.0	7.7	8.6
Noorpurthal	38.8	41.5	179.9	51	2.4	0.5	1.6	0.0	1.7
Okara	37.4	40.5	180.5	43	18.0	1.8	1.4	1.7	2.3
Padidan	40.9	47.5	199.7	45	36.4	1.0	1.0	2.0	4.6
Panjgur	38.9	40.0	189.7	39	0.0	0.0	0.3	6.0	12.3
Parachinar	32.1	33.5	158.4	75	18.0	4.2	4.9	3.3	3.3
Pasni	38.9	49.0	194.7	63	0.0	2.2	1.4	2.7	11.4
Peshawar	36.9	38.5	186.0	52	0.0	0.8	1.9	0.7	2.6
Quetta	31.4	34.2	139.5	23.0	0.0	0.9	3.1	2.6	3.8
R.Y.Khan	41.2	44.8	199.8	41	1.1	1.8	0.4	0.3	3.7
Rawalakot	22.1	27.0	78.0	87	67.7	3.7	5.6	0.0	0.3
Rohri	40.9	44.0	210.7	37	7.1	1.7	1.1	5.5	2.3
Rawalpindi	33.9	39.5	160.8	46	12.1	3.0	2.6	0.2	0.9
Sahiwal	37.1	39.0	174.9	43	1.0	1.5	2.1	2.0	2.0
Saidu Sharif	30.0	33.0	128.3	54	31.0	2.5	4.7	0.0	2.9
Sialkot	34.1	38.6	163.5	48	0.8	4.5	4.0	0.7	2.6
Sibbi	43.0	48.0	217.0	39	0.0	0.0	1.7	0.8	1.4
Skardu	22.4	26.9	77.7	50	5.6	5.5	6.1	0.0	4.6
Tandojam	40.9	43.5	197.8	61	0.0	0.6	0.9	1.2	2.6
Usta.M	43.6	46.5	203.9	32	5.0	2.0	2.0	1.4	2.3
Zhob	30.6	34.5	134.8	37	0.0	0.0	4.6	5.0	8.9

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