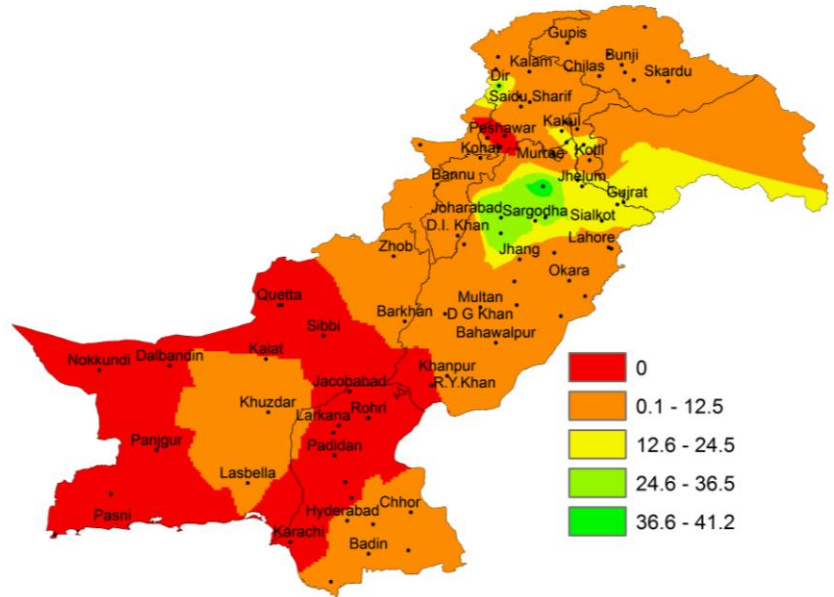


# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 8<sup>th</sup> to 14<sup>th</sup> June, 2015)**

<u>Contents</u>	
Highlights of past weather (General)	1-2
Past weather for Agri Plains	3-4
Crop progress	4
Min Temperature maps	5
R.H and GDD	6
Wind speed maps	7
Cloudiness maps	8
Farmers advisory	9
National data for selected stations	10-12

## Highlights of Past Weather (From 8<sup>th</sup> to 14<sup>th</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.

**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 8<sup>th</sup> to 14<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 40.3°C & 25.6°C respectively. For the present season average 194.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 47% and wind speed in the morning/evening 2.1//5.8 Knots. During the previous week the highest amount of rainfall was recorded 41.3mm at Chakwal & highest maximum temperature was recorded 46.5°C at Noorpur Thal.

### Sindh

Light rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 40.4°C & 28.0°C respectively. For the present season average 204.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 52% and wind speed in the morning/evening recorded 5.5/8.8 Knots. During the previous week the highest amount of rainfall was recorded 3.0mm at Mithi & highest maximum temperature was recorded 46.8°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 31.3°C & 16.3°C respectively. For the present season average 136.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 43% and wind speed in the morning/evening recorded 1.3/4.0 Knots. During the previous week the highest amount of rainfall was recorded 21.0mm at Rawalakot & highest maximum temperature was recorded 39.5°C at Garhi Dopatta.

### Balochistan

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 38.0°C & 24.2°C respectively. For the present season average 182.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 44% and wind speed in the morning/evening recorded 2.7/5.8 Knots. During the previous week the highest amount of rainfall was recorded 8.8mm at Khuzdar & highest maximum temperature was recorded 47.0°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 35.6°C & 19.9°C respectively. For the present season average 160.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 45% and wind speed in the morning/evening recorded 1.6/3.2 Knots. During the previous week the highest amount of rainfall was recorded 28.0 mm at Dir & highest maximum temperature was recorded 44.4°C at Bannu.

**Past Weather for Major Agricultural Plains  
(From 8<sup>th</sup> to 14<sup>th</sup> June, 2015)****Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.1/1.0 Oktas while, average relative humidity observed as 40%. Mean day time temperature recorded 38.7°C & for the present season 191.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.4Knots.

**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)**

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 1.0/1.3 Oktas while, average relative humidity observed as 42%. Mean day time temperature recorded 40.8°C & for the present season 202.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/0.0 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.3 Oktas while, average relative humidity observed as 34%. Mean day time temperature recorded 43.4°C & for the present season 212.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/0.0 Knots.

**Tandojam (Lower Singh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.4/2.1 Oktas while average relative humidity observed as 62%. Mean day time temperature recorded 38.7°C & for the present season 194.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 4.2/4.5 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 8<sup>th</sup> to 14<sup>th</sup> June, 2015)****Multan**

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 1.8/1.7 Oktas while, average relative humidity observed as 42%. Mean day time temperature recorded 41.4°C & for the present season 213.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 9.7/3.4 Knots.

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.7/1.9 Oktas while, average relative humidity observed as 44%. Mean day time temperature recorded 42.1°C & for the present season 220.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.7/3.1 Knots.

**Lahore**

Rainfall reported as 0.6mm during the week; however cloudiness in the morning/evening recorded 2.8/0.6 Oktas while, average relative humidity observed as 38%. Mean day time temperature recorded 40.3°C & for the present season 201.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.7/6.7 Knots.

**Zhob**

Rainfall reported as 6.0mm during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 30%. Mean day time temperature recorded 36.8°C & for the present season 167.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/7.9 Knots.

**D.I. Khan**

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 0.0/2.3 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 41.7°C & for the present season 195.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/2.9 Knots.

**Peshawar**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.7/1.7 Oktas while, average relative humidity observed as 51%. Mean day time temperature recorded 40.2°C & for the present season 200.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.6Knots.

**Murree**

Rainfall reported as 21.0mm during the week; however cloudiness in the morning/evening recorded 1.2/2.9 Oktas while, average relative humidity observed as 54%. Mean day time temperature recorded 25.2°C & for the present season 105.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/3.4 Knots.

**Kalam**

Rainfall reported as 3.0mm during the week; however cloudiness in the morning/evening recorded 1.0/5.9 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 26.2°C & for the present season 93.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.7 Knots.

**Gilgit**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.5/4.6 Oktas while, average relative humidity observed as 36%. Mean day time temperature recorded 33.5°C & for the present season 136.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/10.0 Knots.

**Skardu**

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 5.2/5.3 Oktas while, average relative humidity observed as 39%. Mean day time temperature recorded 26.2°C & for the present season 97.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/6.6 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 *Budding* stage.

**Lower Sindh (Tandojam)**

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

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

**Northern Balochistan (Quetta)**

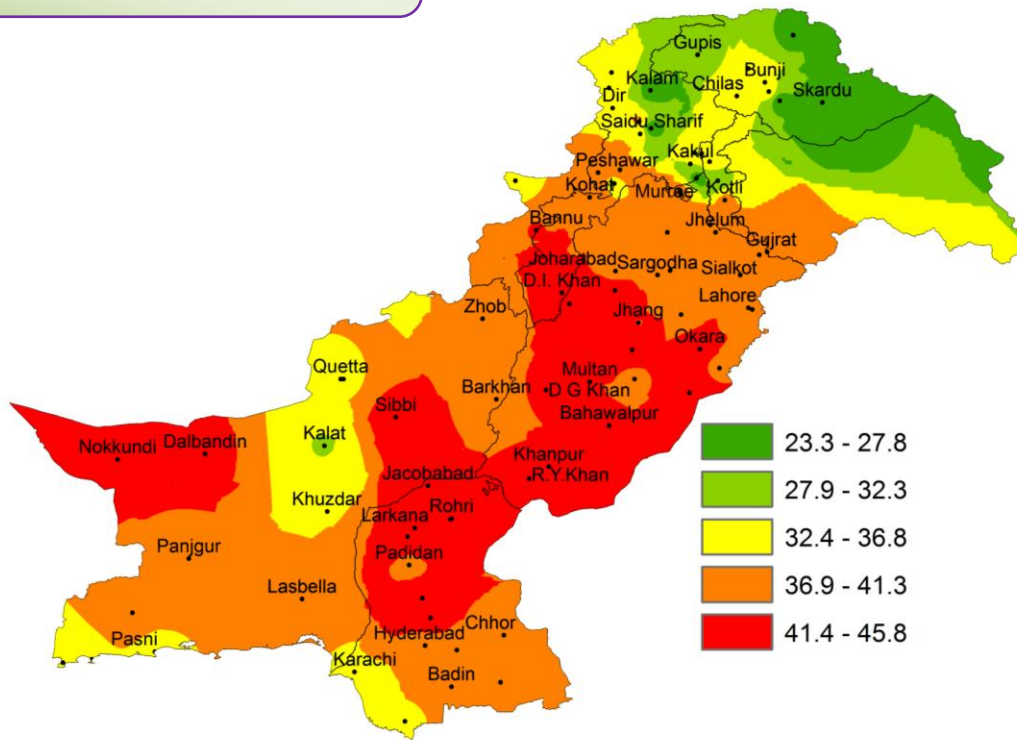
There is presently no crop grown in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

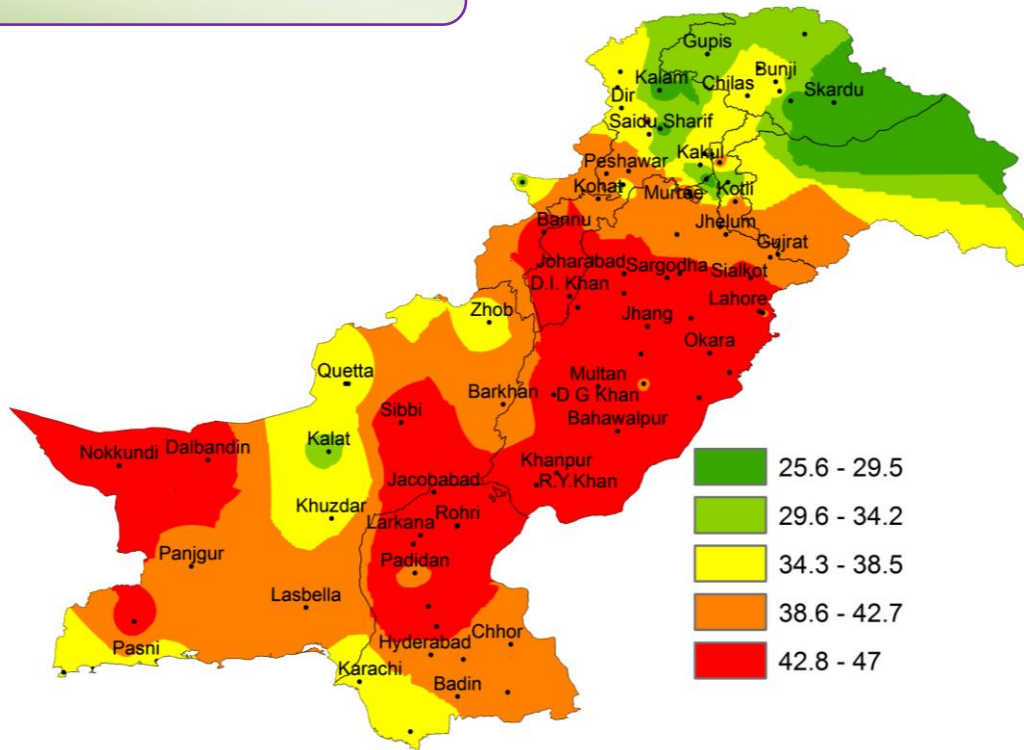
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

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

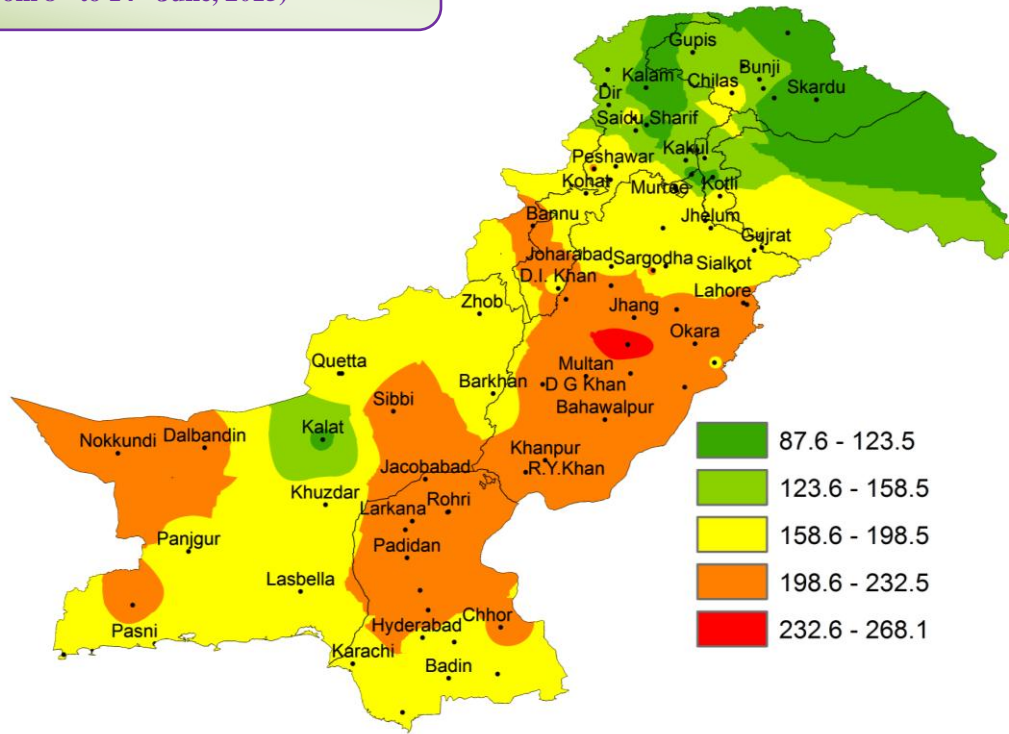
Mean Maximum Temperature (°C) during the Previous Week (From 8<sup>th</sup> to 14<sup>th</sup> June, 2015)



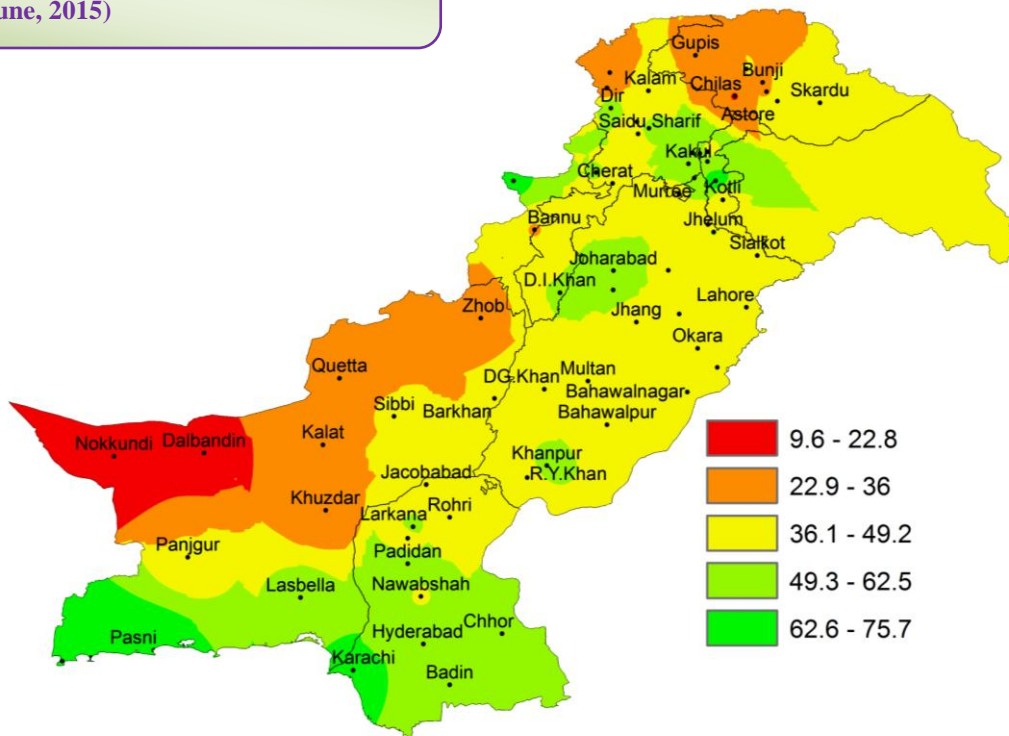
Highest Maximum Temperature (°C) during the Previous Week (From 8<sup>th</sup> to 14<sup>th</sup> June, 2015)



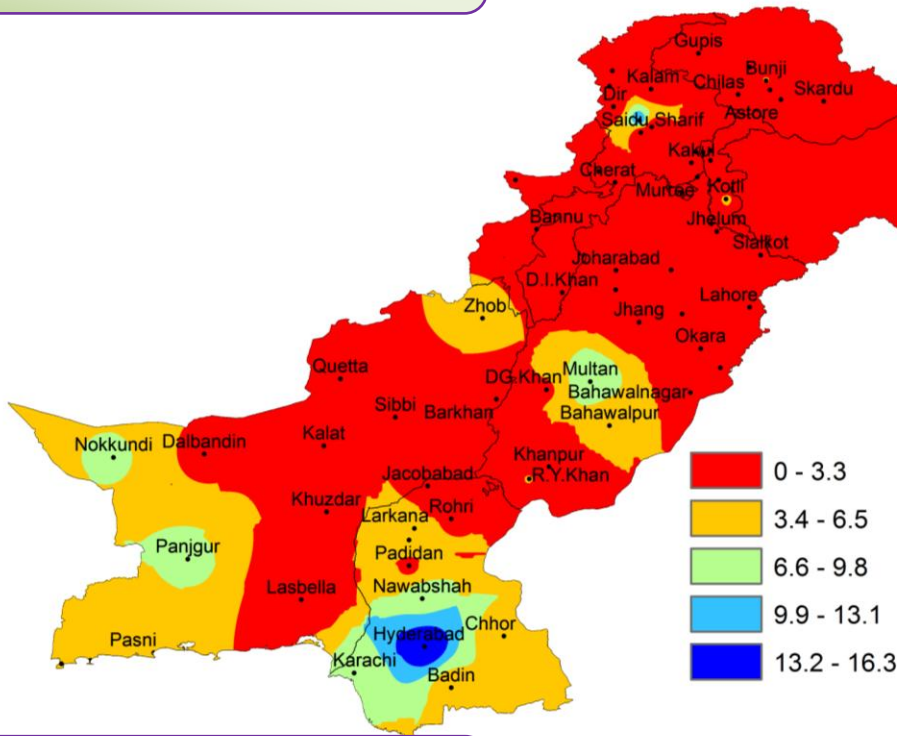
Total Growing Degree Days accumulated during the Previous Week (From 8<sup>th</sup> to 14<sup>th</sup> June, 2015)



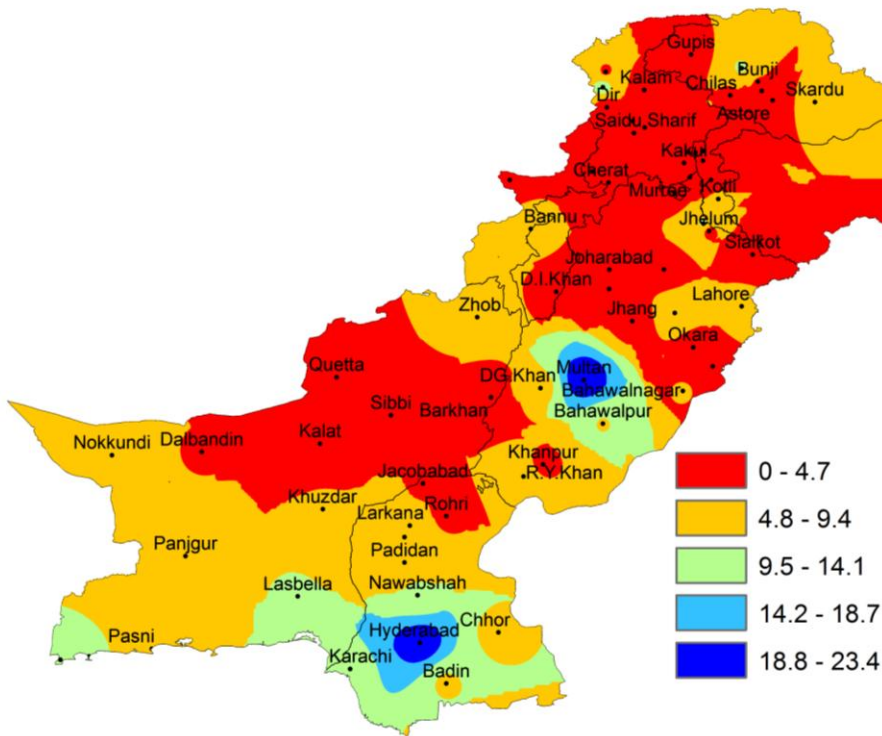
Mean Relative Humidity (%) during the Previous Week (From 8<sup>th</sup> to 14<sup>th</sup> June, 2015)



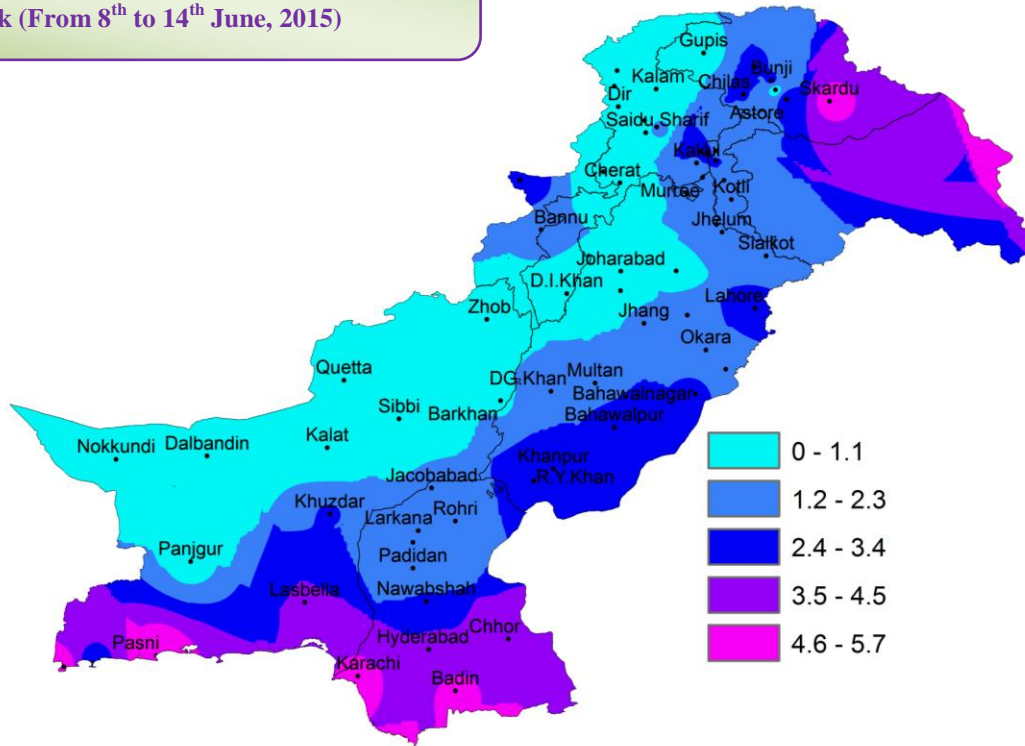
Mean Wind Speed (Knots) at 0800 PST during the Previous Week (From 8<sup>th</sup> to 14<sup>th</sup> June, 2015)



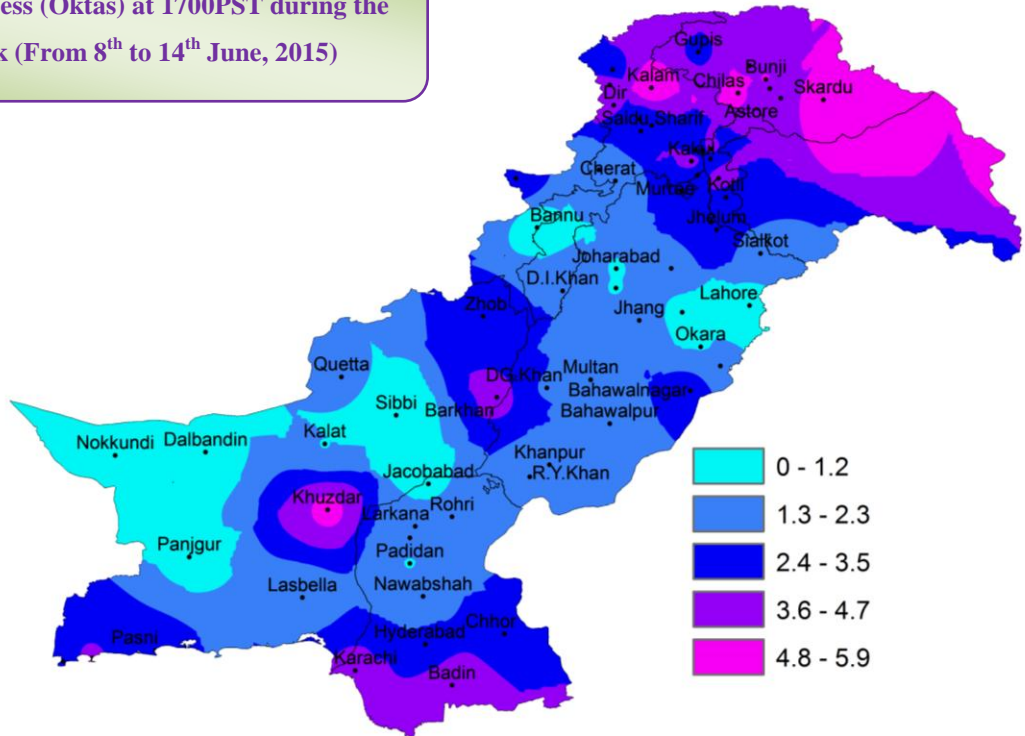
Mean Wind Speed (Knots) at 1700 PST during the Previous Week (From 8<sup>th</sup> to 14<sup>th</sup> June, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous Week (From 8<sup>th</sup> to 14<sup>th</sup> June, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous Week (From 8<sup>th</sup> to 14<sup>th</sup> June, 2015)





**Weekly Weather Advisory for Farmers**  
**(From 15<sup>th</sup> to 20<sup>th</sup> June, 2015)**

Seasonal low lies over Balochistan and adjoining areas. A trough of westerly wave is likely to approach upper parts of the country tonight and may persist for next 24 to 36 hours. Weak moist currents from Arabian sea are continuously penetrating in eastern parts of the country and likely to strengthen and penetrate in upper & central parts of the country on Monday.

**MONDAY**  
**15-06-2015**

Rain thundershower with dust-storm/gusty winds is expected at scattered places in Islamabad, Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad, Sahiwal divisions), Kashmir, Malakand, Hazara divisions, while at isolated places in Peshawar, Kohat, Mardan, Bannu divisions and FATA. Hot and dry weather is expected in other parts of the country.

**TUESDAY**  
**16-06-2015**

Rain thundershower with dust-storm/gusty winds is expected at isolated places in Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad, Sahiwal divisions), Hazara, Zhob, Kalat divisions, Kashmir and Gilgit-Baltistan. Hot and dry weather is expected in other parts of the country.

**WEDNESDAY**  
**17-06-2015**

Mainly very hot and dry weather is expected in most parts of the country, however, rain-thundershower associated with gusty winds is expected at isolated places in Hazara, Gujranwala, Lahore, Mirpur Khas, Hyderabad divisions, upper FATA & Kashmir.

**THURSDAY**  
**18-06-2015**

Mainly very hot and dry weather is expected in most parts of the country, however, rain-thundershower associated with gusty winds is expected at isolated

places in Gujranwala, Lahore, Mirpur Khas, Hyderabad, Makran divisions, upper FATA & Kashmir

**FRIDAY**  
**19-06-2015**

Mainly very hot and dry weather is expected in most parts of the country; however, rain-thundershower associated with gusty winds is expected at isolated places in Mirpur Khas, Hyderabad, Makran divisions, upper FATA and Kashmir.

**SATURDAY**  
**20-06-2015**

Mainly very hot and dry weather is expected in most parts of the country, however, rain-thundershower associated with gusty winds/dust-storm is expected at isolated places in Kashmir, Gilgit-Baltistan, Islamabad, northeast Punjab (Rawalpindi, Gujranwala, Lahore, divisions), Malakand, Hazara divisions and upper FATA.

**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 8<sup>th</sup> to 14<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	24.2	25.5	86.8	47	3.1	3.2	4.7	2.0	3.1
Badin	37.8	38.5	195.5	59	0.1	4.7	4.6	4.0	8.6
Bahawalnagar	43.0	45.5	217.4	41	0.1	2.5	3.1	2.0	4.9
Bahawalpur	41.9	43.7	215.1	48	0.1	2.8	1.6	3.3	9.1
Balakot	33.5	37.0	144.7	53	10.7	2.5	3.3	1.5	1.7
Bannu	41.5	44.4	200.5	35	0.0	1.8	0.4	0.0	6.6
Barkhan	37.6	38.5	181.0	36	0.0	1.0	3.9	0.0	1.4
Bunji	32.4	34.4	148.0	35	2.0	2.7	4.9	3.7	4.6
Cherat	34.6	36.5	166.0	37	0.0	0.3	1.7	2.3	2.3
Chhor	39.1	39.5	203.1	59	0.0	4.3	3.0	4.0	7.7
Chilas	36.2	37.8	172.0	22	0.0	2.3	4.9	1.3	3.7
Chitral	35.3	36.6	147.5	32	0.0	0.3	2.9	2.0	4.0
D.I.Khan	41.7	43.7	195.3	50	0.2	0.0	2.3	0.7	2.9
Dalbandin	42.9	44.0	205.2	18	0.0	0.0	0.4	2.3	4.3
DG.Khan	42.8	45.6	216.1	46	0.1	1.8	2.3	3.0	7.1
Dir	32.8	35.0	124.4	59	28.0	0.8	3.6	0.0	1.7
Drosh	36.4	37.8	156.4	22	0.4	1.0	4.1	0.0	11.9
Faisalabad	40.8	43.4	202.6	42	2.0	1.0	1.3	1.2	1.8
Garidopatta	36.2	39.5	159.9	54	3.0	2.5	2.7	0.7	1.1
Gawader	35.5	36.0	179.8	76	0.0	2.7	3.6	3.3	9.6

Gilgit	33.5	35.0	136.3	36	0.1	2.5	4.6	0.0	10.0
Gupis	29.3	31.0	125.5	33	0.0	0.3	3.3	1.3	2.3
Hyderabad	38.2	39.2	194.1	59	0.0	3.8	2.6	16.3	22.6
Islamabad	38.0	39.0	178.6	45	0.1	1.2	2.7	0.0	2.3
Jacobabad	43.3	46.0	222.2	44	0.0	1.3	0.9	1.7	3.4
Jhang	41.2	43.2	199.2	47	12.0	1.7	2.0	0.7	1.7
Jhelum	39.8	42.0	186.9	50	20.6	1.7	2.9	1.7	3.1
Jiwani	34.3	35.0	176.4	74	0.0	5.2	3.4	4.3	9.4
Joharabad	40.0	44.3	194.6	53	32.1	1.0	1.1	0.7	2.9
Kakul	32.3	34.0	136.2	52	14.0	2.0	3.9	0.3	1.1
Kalam	26.2	28.0	93.2	48	3.0	1.0	5.9	0.0	1.7
Kalat	32.0	33.5	120.0	32	0.0	0.0	1.1	0.0	0.0
Karachi	35.8	36.0	192.1	65	0.0	4.7	3.9	7.0	12.3
Khanpur	41.3	44.5	210.8	51	0.0	3.0	1.9	1.3	3.4
Khuzdar	36.4	38.0	174.0	23	8.8	2.3	5.0	1.3	5.4
Kotli	38.0	39.4	180.5	38	2.0	1.8	3.0	3.5	5.7
Lahore	40.3	42.5	201.3	38	0.6	2.8	0.6	2.7	6.7
Larkana	42.8	45.0	217.9	51	0.0	1.5	1.6	3.7	9.1
Lasbella	40.1	41.0	192.0	56	0.0	3.5	1.6	0.0	10.0
Lower Dir	38.3	40.0	178.9	36	6.0	0.2	2.7	13.7	2.6
M.B Din	40.2	43.2	192.6	47	27.2	0.5	2.0	1.3	2.3
Malam Jabba	23.0	26.0	88.3	56	8.0	1.3	3.3	0.0	0.0
Mangla	39.1	41.0	184.4	43	13.6	1.8	2.6	2.0	10.3
Mir Khani	36.0	36.4	141.6	34	2.0	0.3	3.4	0.0	3.0
Moinjodaro	42.9	44.5	213.7	44	0.0	1.7	1.4	6.7	9.4
Multan	41.4	43.5	213.0	42	0.2	1.8	1.7	9.7	23.4

Murree	25.2	27.0	105.6	54	21.0	1.2	2.9	0.3	3.4
Muzaffarabad	34.3	37.1	152.4	56	5.1	3.2	3.3	0.7	1.1
Nawabshah	42.1	44.0	208.8	48	0.0	2.3	1.9	9.0	10.7
Nokkundi	42.4	44.0	218.0	10	0.0	0.0	0.0	6.8	7.7
Noorpurthal	43.2	46.5	202.8	50	33.9	0.0	1.1	0.3	2.6
Okara	41.7	44.2	204.3	47	2.0	2.0	1.1	1.7	2.9
Padidan	40.6	42.0	204.8	56	0.0	1.8	1.1	2.3	4.9
Panjgur	39.7	42.0	194.1	38	0.0	0.7	0.7	7.3	7.1
Parachinar	33.4	34.0	***	68	0.0	3.0	3.4	3.0	3.0
Pasni	34.7	36.0	180.6	74	0.0	5.7	2.7	3.7	8.6
Peshawar	40.2	41.5	200.0	51	0.0	0.7	1.7	0.0	2.6
Quetta	34.3	35.5	149.8	19	0.0	0.0	2.4	2.5	3.0
R.Y.Khan	43.4	46.5	212.3	46	0.0	2.7	1.7	3.3	8.0
Rawalakot	28.4	30.0	115.1	72	21.0	2.2	4.1	0.0	1.4
Rohri	42.1	44.5	220.3	44	0.0	1.7	1.9	2.7	3.1
Rawalpindi	38.7	40.2	191.9	40	0	0.1	1	0.6	1.4
Sahiwal	40.9	43.5	197.7	46	1.0	1.5	1.4	1.7	3.7
Saidu Sharif	34.8	35.5	155.2	47	1.1	1.2	3.4	0.0	2.9
Sialkot	39.2	42.1	187.7	47	14.5	1.3	1.9	0.3	1.4
Sibbi	45.0	47.0	228.0	37	0.0	0.0	0.0	0.7	1.4
Skardu	26.2	27.6	97.1	39	2.0	5.2	5.3	0.0	6.6
Tandojam	38.7	39.5	194.4	62	0.0	3.4	2.1	4.2	4.5
Usta.M	43.4	46.5	212.3	34	0.0	0.0	0.3	1.1	0.0
Zhob	36.8	37.5	167.4	30	6.0	0.0	3.3	5.0	7.9

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