

# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)**

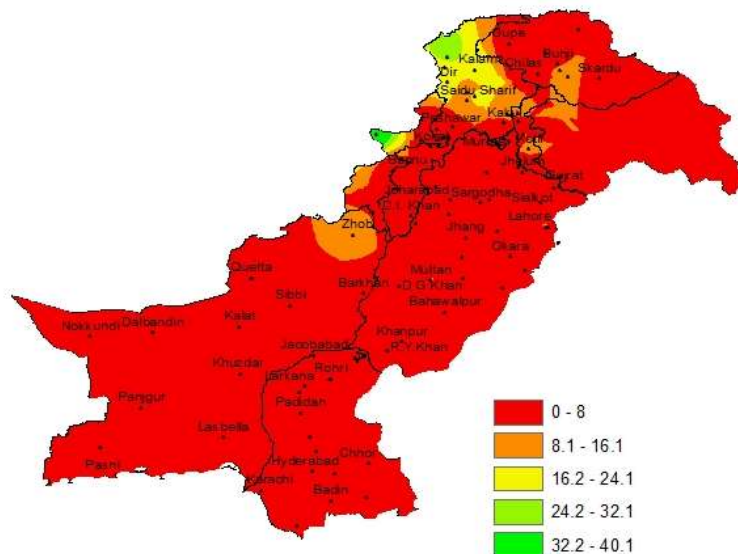
## Contents

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

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## Highlights of Past Weather (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)

Slightly above normal day time temperature was reported from most parts of the Punjab and Sindh while normal temperature was reported in the remaining parts of the country during the week.

Province wise distribution of rainfall reported as follows:

- Light rainfall reported at few places in Balochistan.
- Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa, Punjab, and Gilgit-Baltistan & Kashmir regions.
- Dry weather was reported in Sindh.

## Past Weather of Provinces (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)

### Punjab

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 35.2°C & 19.3°C respectively. For the present season average 155.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 41% and wind speed in the morning/evening recorded 2.8/3.9 Knots. During the previous week the highest amount of rainfall was recorded 10.1mm at Lahore & highest maximum temperature recorded 41.8°C at R.Y.Khan.

### Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 39.0°C & 22.7°C respectively. For the present season average 181.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 43% and wind speed in the morning/evening recorded 3.5/5.5 Knots. During the previous week the highest maximum temperature recorded 45.8°C Dadu.

### Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 26.5°C & 11.7°C respectively. For the present season average 98.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 59% and wind speed in the morning/evening recorded 1.0/2.5 Knots. During the previous week the highest amount of rainfall was recorded 40.2mm at Parachinar & the highest maximum temperature recorded 38.0°C at D.I.Khan.

### Balochistan

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 32.5°C & 18.5°C respectively. For the present season average 143.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 41% and wind speed in the morning/evening recorded 1.6/5.7 Knots. During the previous week the highest amount of rainfall was recorded 12.0mm at Zhob & highest maximum temperature recorded 41.5°C at Turbat.

### 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 23.8°C & 10.4°C respectively. For the present season average 84.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 1.2/3.5 Knots. During the previous week the highest amount of rainfall was recorded 9.0mm at Kotli & highest maximum temperature recorded 34.4°C at Kotli.

**Past Weather for Major Agricultural Plains  
(from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)****Rawalpindi (Potohar region)**

Rainfall reported as 4.1mm during the week; however cloudiness in the morning/evening recorded 1.9/1.6 Oktas while, average relative humidity observed 54%. Mean day time temperature recorded 30.9°C & for the present season 134.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.4/1.9 Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.4/1.6 Oktas while, average relative humidity observed as 38%. Mean day time temperature recorded 36.3°C & for the present season 165.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.4 Knots.

**Tandojam (Lower Sindh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/1.4 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 39.1°C & for the present season 174.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.8 Knots.

**Quetta (Northern Baluchistan)**

Rainfall reported as 3.2mm during the week; however cloudiness in the morning/evening recorded 0.8/3.8 Oktas while, average relative humidity observed as 29%. Mean day time temperature recorded 23.9°C & for the present season 86.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/3.3 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/0.7 Oktas while, average relative humidity observed as 31%. Mean day time temperature recorded 39.5°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 2.0/2.3 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)****Multan**

Rainfall reported as 8.1mm during the week; however cloudiness in the morning/evening recorded 1.6/2.0 Oktas while, average relative humidity observed as 39%. Mean day time temperature recorded 36.4°C & for the present season 167.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.3/4.3 Knots.

**Lahore**

Rainfall reported as 1.9mm during the week; however cloudiness in the morning/evening recorded 2.0/0.6 Oktas while, average relative humidity observed as 33%. Mean day time temperature recorded 36.0°C & for the present season 165.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.1/7.1 Knots.

**Zhob**

Rainfall reported as 12.0mm during the week; however cloudiness in the morning/evening recorded 1.1/3.3 Oktas while, average relative humidity observed as 40%. Mean day time temperature recorded 26.4°C & for the present season 121.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/5.6 Knots.

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.3/2.0 Oktas while, average relative humidity observed as 34%. Mean day time temperature recorded 38.4C & for the present season 234.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/2.6 Knots

**D.I. Khan**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.6/1.3 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 35.9°C & for the present season 163.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.3Knots.

**Peshawar**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.0/3.9 Oktas while, average relative humidity observed as 47%. Mean day time temperature recorded 32.4°C & for the present season 139.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/2.3 Knots.

**Murree**

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 1.7/2.7 Oktas while, average relative humidity observed as 44%. Mean day time temperature recorded 19.5°C & for the present season 68.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.6/2.9 Knots.

**Kalam**

Rainfall reported as 21.0mm during the week; however cloudiness in the morning/evening recorded 2.9/5.6 Oktas while, average relative humidity observed as 62%. Mean day time temperature recorded 18.6°C & for the present season 45.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.6 Knots.

**Gilgit**

Rainfall reported as 0.3mm during the week; however cloudiness in the morning/evening recorded 4.9/6.0 Oktas while, average relative humidity observed as 46%. Mean day time temperature recorded 24.7°C & for the present season 88.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/6.3 Knots.

**Skardu**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 4.1/4.9 Oktas while, average relative humidity observed as 36%. Mean day time temperature recorded 20.9°C & for the present season 65.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/5.7 Knots.

**Crop Situation for Major Agricultural Plains**  
**(Based on data from Regional Agromet Centres)**

**Potohar Region (Rawalpindi)**

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

**Wheat:** Good condition at *flowering* stage.

**Central Punjab (Faisalabad)**

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

**Wheat:** Normal condition at *Full Maturity* stage completed.

**Lower Sindh (Tandojam)**

The crop is harvested in the fields of RAMC Tandojam.

**Northern Balochistan (Quetta)**

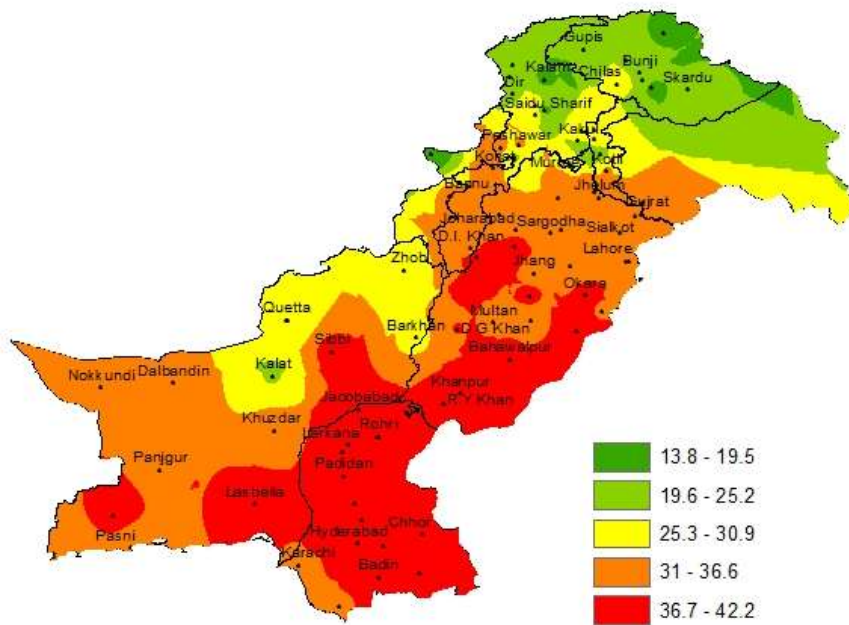
There is presently one crop (irrigated condition) grown in the fields of RAMC Quetta.

**Wheat:** Good condition at *Milk Maturity* stage.

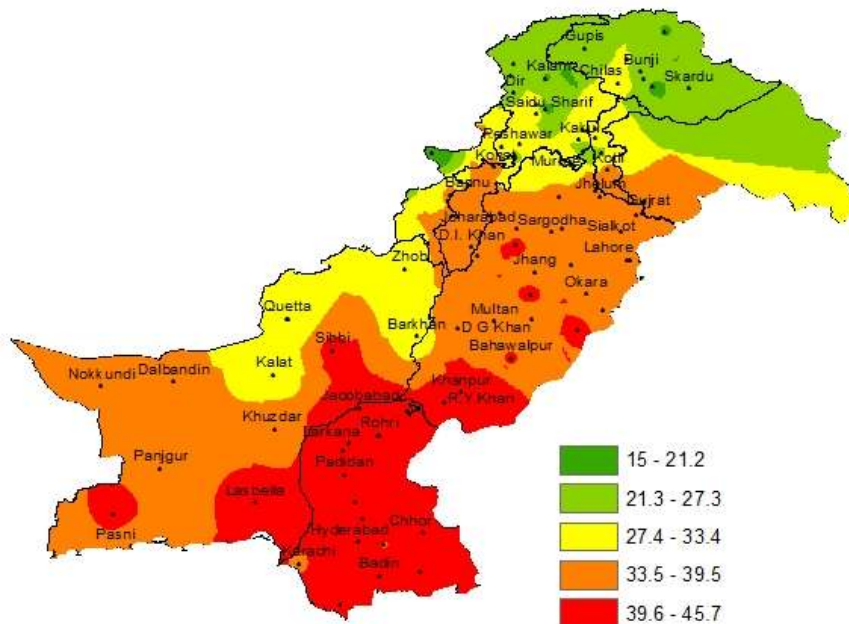
**Eastern Balochistan (Usta Muhammad)**

The crop is harvested in the fields of RAMC Usta Muhammad.

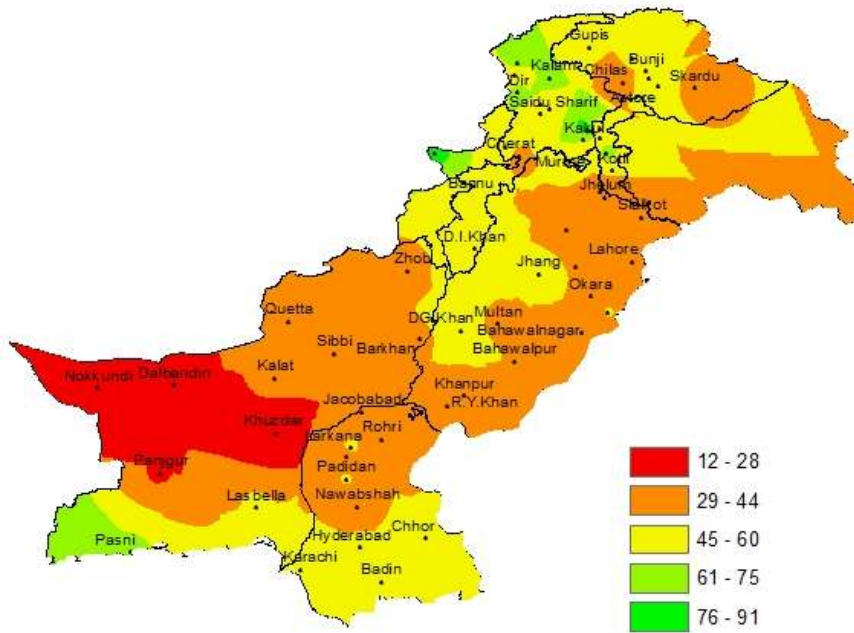
Mean Maximum Temperature (°C) during the Previous week (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)



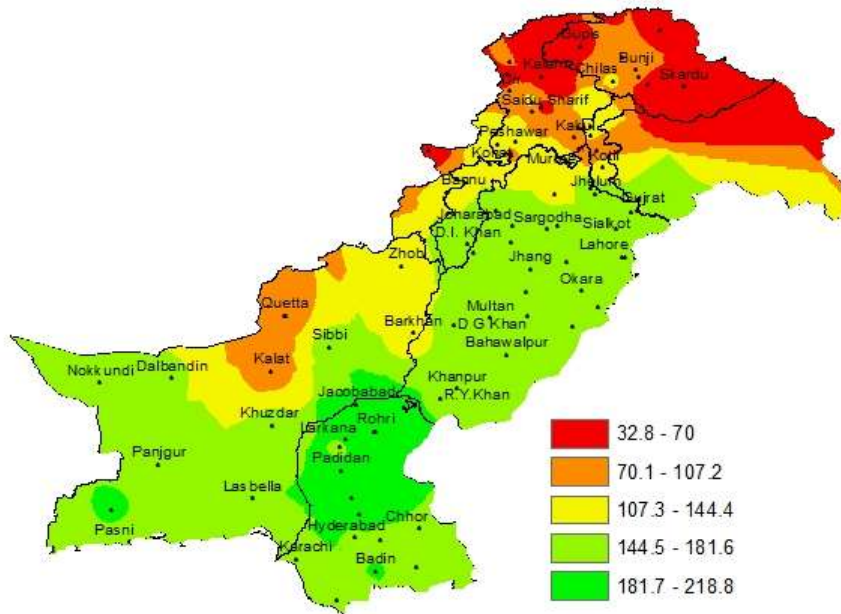
Highest Maximum Temperature (°C) during the Previous week (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)



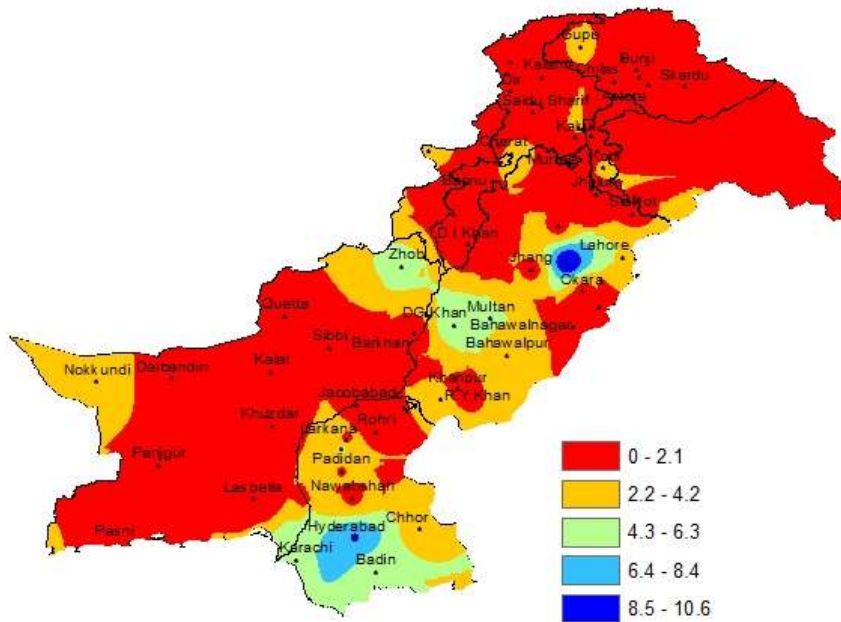
Mean Relative Humidity (%) during the Previous week (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)



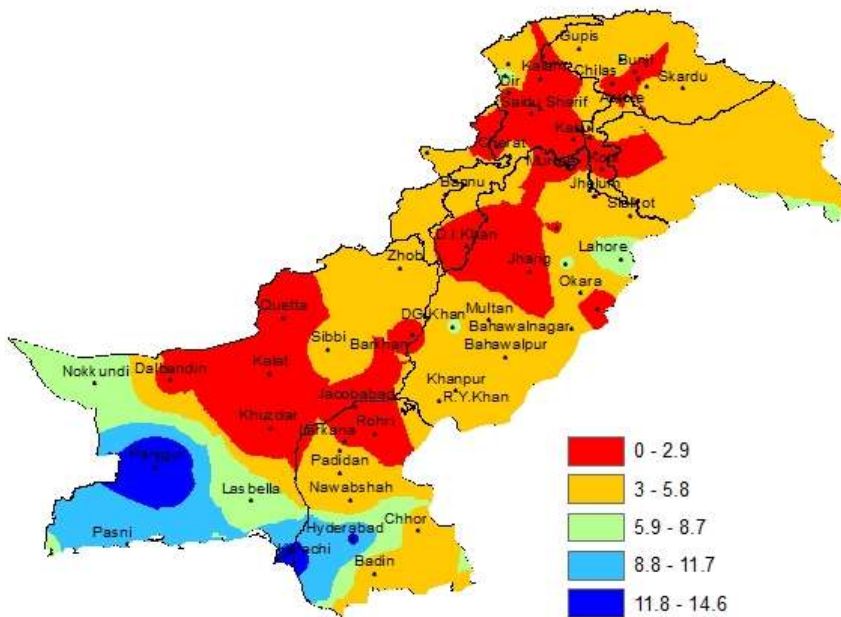
Total Growing Degree Days accumulated during the Previous week (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)



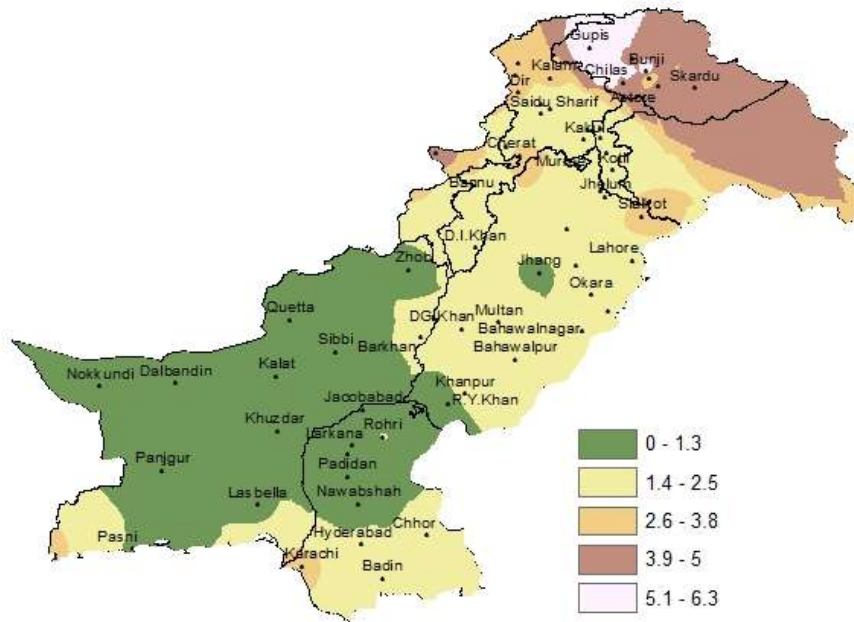
Mean Wind Speed (Knots) at 0300 PST during the Previous week (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)



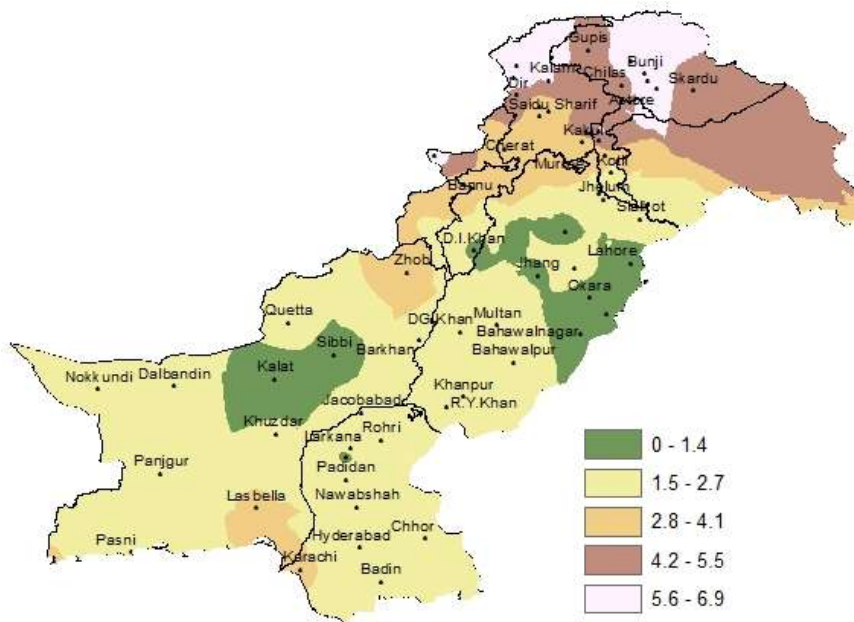
Mean Wind Speed (Knots) at 1200 PST during the Previous week (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)



Mean Cloudiness (Oktas) at 1200 PST during the Previous week (from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)





**Weekly Weather Advisory for Farmers**  
**(from 25<sup>th</sup> to 30<sup>th</sup> April, 2016)**

Continental air would prevail over most parts of country during next few days. whereas a shallow westerly trough is still prevailing over extreme northern parts of the country and likely to persist 2 to 3 days.

**MONDAY**  
**25-04-2016**

Hot & dry weather is expected over most parts of the country. However, light rain-thunderstorm is expected at one or two places of Malakand, Hazara, Gilgit-Baltistan, Kashmir and its adjoining hilly areas during evening/night.

**TUESDAY**  
**26-04-2016**

Hot & dry weather is expected over most parts of the country. However, light rain-thunderstorm is expected at a isolated places of Malakand, Hazara, Gilgit-Baltistan, Kashmir and its adjoining hilly areas during evening/night.

**WEDNESDAY**  
**27-04-2016**

Mainly hot & dry weather is expected over most parts of the country. Very hot weather in sindh, Balochistan, south and central Punjab and plains of KP.

**THURSDAY**  
**28-04-2016**

Mainly hot & dry weather is expected over most parts of the country. Very hot weather in sindh,

Balochistan, south and central Punjab and plains of KP.

**FRIDAY**  
**29-04-2016**

Mainly hot & dry weather is expected over most parts of the country. Very hot weather in sindh, Balochistan, south and central Punjab and plains of KP.

**SATURDAY**  
**30-04-2016**

Mainly hot & dry weather is expected over most parts of the country. Very hot weather in sindh, Balochistan, south and central Punjab and plains of KP.

**ADVISES FOR CROPS**

- ❖ Pest attacks are expected over vegetables & tobacco crops after recent rains. Farmers are advised to take in time precautionary measures in this regard.
- ❖ Removing weeds from the standing crops is very important as weeds utilize moisture and food which may be utilized by the crop. As a result considerable loss in yield occurs every year. However operations against weeds should be started using weedicides or manually when the crop completely covers the fields.
- ❖ Due to dry weather expected during the week, farmers are advised to complete wheat harvesting and other agriculture practices as soon as possible.

**(Weekly Data from 18<sup>th</sup> to 24<sup>th</sup> April, 2016)**

Stations	Maximum/Day time Temperature (°C)		Growing Degree Days	Relative Humidit y (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Highest							
Astore	17.1	19.4	41.0	51	8.4	4.4	5.7	1.4	3.4
Badin	38.5	41.0	182.5	47	0.0	2.3	2.1	4.9	3.1
Bahawalnagar	37.9	40.0	178.6	36	0.1	1.7	1.0	1.1	4.0
Bahawalpur	37.1	39.6	169.1	44	0.0	1.4	1.6	3.1	4.3
Balakot	27.8	31.0	101.6	92	16.5	2.1	4.9	4.3	0.9
Bannu	32.4	34.0	126.7	50	0.0	1.9	3.0	0.6	4.9
Barkhan	29.3	30.5	129.0	41	3.0	1.4	2.7	0.9	2.3
Bunji	24.5	25.6	98.3	47	0.0	6.0	6.9	1.1	1.4
Cherat	24.0	25.5	96.3	42	0.0	2.9	3.0	3.4	3.7
Chhor	39.6	41.5	180.3	51	0.0	1.4	2.1	3.1	5.4
Chilas	26.7	29.5	110.0	35	0.2	5.0	5.0	2.0	2.6
Chitral	22.4	25.2	70.3	65	29.0	3.6	6.9	0.6	3.1
D.I.Khan	35.9	38.0	163.3	53	0.1	1.6	1.3	0.3	0.3
Dalbandin	35.3	36.0	146.3	21	0.0	0.0	2.4	1.1	2.3
DG.Khan	36.7	38.2	163.1	58	3.0	1.3	1.9	6.0	6.0
Dir	24.1	26.0	70.0	62	23.5	2.7	5.1	0.0	1.9
Drosh	22.7	26.0	69.5	50	16.4	3.3	6.3	0.0	7.9
Faisalabad	36.3	38.5	165.2	38	0.1	1.4	1.6	0.9	1.4
Garidopatta	28.6	32.3	111.7	58	3.9	2.1	4.6	0.6	2.0
Gawader	32.4	35.0	156.8	69	0.0	2.3	1.9	0.0	10.6
Gilgit	24.7	27.5	88.0	46	0.3	4.9	6.0	0.3	6.3
Gupis	19.7	22.0	60.5	46	2.0	6.3	5.3	2.6	4.6

Hyderabad	39.0	40.5	177.7	45	0.0	1.4	2.1	8.6	12.0
Islamabad	30.3	32.0	121.3	48	0.5	2.3	3.0	0.3	1.7
Jacobabad	38.9	42.0	183.8	29	0.0	0.3	1.9	1.4	2.3
Jhang	36.1	38.3	154.3	49	1.9	1.1	1.3	1.4	0.0
Jhelum	34.7	37.0	151.0	39	2.7	2.0	1.4	2.0	2.6
Jiwani	32.5	36.5	160.3	63	0.0	2.9	3.0	3.7	8.0
Kakul	25.5	28.0	89.3	58	4.0	2.3	3.6	0.0	1.7
Kalam	18.6	21.0	45.3	62	21.0	2.9	5.6	0.0	0.6
Kalat	24.9	29.0	87.0	33	0.0	0.0	0.0	0.0	0.0
Karachi	35.8	39.5	175.5	59	0.0	2.7	2.9	6.0	12.0
Khanpur	38.3	40.0	176.0	36	0.0	1.7	2.3	1.4	3.7
Khuzdar	33.2	37.5	155.0	12	0.0	0.7	1.6	0.0	0.6
Kotli	31.3	34.4	135.2	45	9.0	2.1	2.4	2.9	1.9
Lahore	36.0	38.2	165.4	33	1.9	2.0	0.6	4.1	7.1
Larkana	39.2	42.0	190.3	46	0.0	0.3	1.7	1.7	2.0
Lasbella	39.0	41.0	181.7	45	0.0	1.1	2.9	0.9	7.4
Lower Dir	28.9	30.5	117.8	60	9.0	1.6	3.7	1.7	2.6
M.B Din	35.2	38.0	156.3	38	5.1	1.9	1.1	1.4	2.9
Malam Jabba	17.3	18.0	45.3	53	19.0	2.3	3.7	0.0	0.3
Mangla	33.7	35.5	145.5	39	5.8	2.0	2.6	0.9	6.3
Mir Khani	24.5	26.0	76.8	58	17.2	2.4	5.9	0.0	2.9
Moinjodaro	39.0	41.5	177.4	37	0.0	0.5	1.2	4.7	4.7
Multan	36.4	38.3	167.0	39	8.1	1.6	2.0	4.3	4.3
Murree	19.5	21.7	68.2	44	0.2	1.7	2.7	1.6	2.9
Muzaffarabad	27.2	31.5	104.4	59	6.1	1.6	3.9	0.3	2.6
Nawabshah	40.9	42.0	174.4	40	0.0	0.9	2.0	1.7	3.9

Nokkundi	34.5	37.0	158.3	15	0.0	0.0	2.6	3.1	7.4
Okara	36.9	39.5	169.0	41	0.1	1.3	0.6	1.4	3.1
Padidan	39.3	41.5	184.5	44	0.0	0.9	2.6	2.0	3.1
Panjgur	35.3	37.0	154.5	27	0.0	0.4	2.0	1.7	14.6
Parachinar	13.8	15.0	32.6	80	40.2	4.6	5.9	3.0	3.6
Pasni	33.3	37.0	159.0	61	0.0	1.1	1.9	1.7	8.9
Pattan	29.2	33.5	120.5	44	12.1	1.4	6.0	1.7	6.6
Peshawar	32.4	33.5	139.1	47	0.1	2.0	3.9	0.6	2.3
Quetta	23.9	25.6	86.9	29	3.2	0.8	3.8	2.6	3.3
R.Y.Khan	39.2	41.8	176.8	38	0.0	0.7	1.7	2.9	4.0
Rawalakot	23.5	26.7	70.6	64	8.1	2.3	4.0	0.0	1.7
Rohri	38.4	40.5	234.0	34	0.0	1.3	2.0	1.4	2.6
Rawapindi	30.9	32.0	134.9	54	4.1	1.9	1.6	0.4	1.9
Sahiwal	36.3	37.6	161.0	44	6.0	1.4	0.7	1.4	1.7
Saidu Sharif	27.7	29.6	105.1	54	15.0	2.0	3.7	0.6	1.4
Sialkot	34.7	37.7	156.3	38	4.0	2.9	2.4	1.7	5.1
Sibbi	39.1	41.0	163.8	41	0.0	0.6	0.9	0.9	4.0
Skardu	20.9	22.6	65.4	36	0.1	4.1	4.9	0.3	5.7
Tandojam	39.1	40.5	174.0	50	0.0	0.4	1.4	0.9	1.8
Usta.M	39.5	41.0	175.1	31	0.0	1.0	0.7	2.0	2.3
Zhob	26.4	29.5	121.3	40	12.0	1.1	3.3	5.0	5.6

\*\*\* Shows that data was not available.