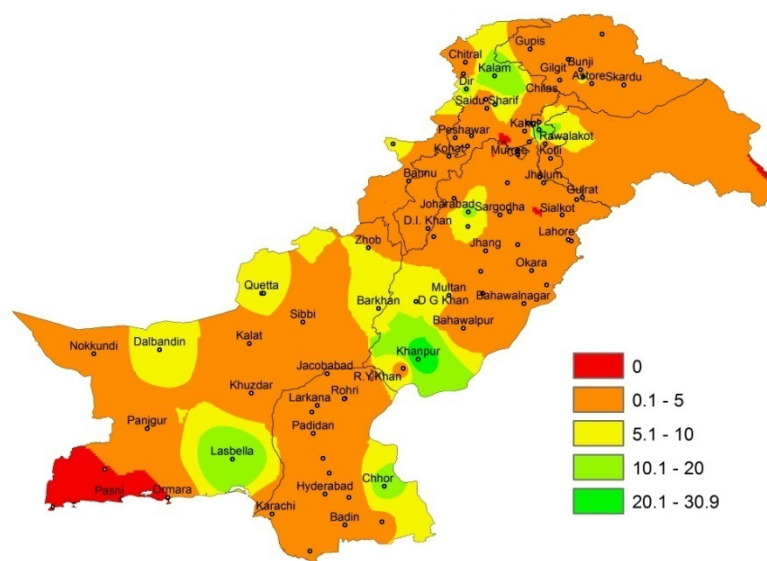


# Weekly Weather and Cr

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**Rainfall Distribution (mm) during the  
Previous Week (From 21<sup>st</sup> to 27<sup>th</sup> April, 2014)**

## Highlights of Past Weather (From 21<sup>st</sup> to 27<sup>th</sup> April, 2014)

- Light to moderate rainfall was reported in different parts of the country during the last week. Normal day time temperature was reported from most parts of the country during the week.

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**Chief Editor: Dr. Khalid Mahmood Malik (Director)**  
**Editor: Khalida Noureen (Meteorologist)**

## **Past Weather of Provinces (From 21<sup>st</sup> to 27<sup>th</sup> April, 2014)**

### **Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 34.4°C & 18.9°C respectively. For the present season average 150.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 1.2/2.5 Knots. During the previous week highest amount of rainfall reported at Khanpur 31.0mm and highest maximum temperature was recorded 42.2°C at R.Y.Khan.

### **Sindh**

Light to moderate rainfall reported at many places in Sindh during the week. Weekly maximum and minimum temperatures recorded 38.8°C & 22.9°C respectively. For the present season average 182.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 47% and wind speed in the morning/evening recorded 2.2/5.3 Knots. During the previous week highest amount of rainfall reported at Chhor 13.0mm and highest maximum temperature was recorded 43.5°C at Nawabshah.

### **Khyber Pakhtunkhwa**

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 27.3°C & 12.3°C respectively. For the present season average 100.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 53% and wind speed in the morning/evening recorded 2.7/1.0 Knots. The highest amount of rainfall was reported at Kalam 20.0mm and highest maximum temperature recorded 37.0°C at D.I.Khan.

### **Balochistan**

Light to moderate rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 32.2°C & 17.7°C respectively. For the present season average 138.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 1.2/4.7 Knots. During the previous week highest amount of rainfall reported at Lasbella 18.1mm and highest maximum temperature recorded 43.0°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 11.4°C & 10.2°C respectively. For the present season average 40.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 47% and wind speed in the morning/evening recorded 0.7/2.5 Knots. During the previous week highest amount of rainfall reported at G.dopatta 26.0mm and highest maximum temperature recorded 23.5°C at Muzaffarabad.

**Past Weather for Major Agricultural Plains**  
**(From 21<sup>st</sup> to 27<sup>th</sup> April, 2014)**

**Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/1.4 Oktas while, average relative humidity observed 50%. Meanday time temperature recorded 32.5°C & for the present season 134.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.2/0.8 Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as 2.1mm during the week; however cloudiness in the morning/evening recorded 1.6/3.3 Oktas while average relative humidity observed as 39%. Meanday time temperature recorded 36.2°C & for the present season 160.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/1.0 Knots.

**Tandojam (Lower Singh)**

Rainfall reported as 3.0mm during the week; however cloudiness in the morning/evening recorded 0.6/0.0 Oktas while average relative humidity observed as 48%. Meanday time temperature recorded 39.4°C & for the present season 181.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.8/1.4 Knots.

**Quetta (Northern Balochistan)**

Rainfall reported as 17.4mm during the week; however cloudiness in the morning/evening recorded 1.3/4.4 Oktas while, average relative humidity observed as 48%. Meanday time temperature recorded 24.4°C for the present season 89.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/2.8 Knots.

**Usta Muhammad (Eastern Balochistan)**

Rainfall reported as 2.5mm during the week; however cloudiness in the morning/evening recorded 1.0/2.3 Oktas while, average relative humidity observed as 48%. Meanday time temperature recorded 38.7°C & for the present season 173.8 growing degree days accumulated by the end of last week.

**Past Weather for Sub-Regional Agricultural Plains (From 21<sup>st</sup> to 27<sup>th</sup> April, 2014)**

**Rohri**

Rainfall reported as 4.0mm during the week; however cloudiness in the morning/evening recorded 1.1/0.7 Oktas while, average relative humidity observed as 41%. Mean day time temperature recorded 38.8°C & for the present season 183.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/3.4 Knots.

**Multan**

Rainfall reported as 5.1mm during the week; however cloudiness in the morning/evening recorded 3.2/3.2 Oktas while, average relative humidity observed as 44%. Mean day time temperature recorded 36.6°C. Wind speed recorded in the morning/evening as 3.7/5.3 Knots.

**Lahore**

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 1.4/3.3 Oktas while, average relative humidity observed as 40%. Mean day time temperature recorded 36.3°C & for the present season 158.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/5.1 Knots.

**Zhob**

Rainfall reported as 5.0mm during the week; however cloudiness in the morning/evening recorded 0.9/4.7 Oktas while, average relative humidity observed as 59%. Mean day time temperature recorded 27.4°C & for the present season 107.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.6/9.6 Knots.

**D.I. Khan**

Rainfall reported as 3.0mm during the week; however cloudiness in the morning/evening recorded 1.4/2.4 Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 34.9°C & for the present season 150.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.0 Knots.

**Peshawar**

Rainfall reported as 3.1mm during the week; however cloudiness in the morning/evening recorded 1.6/4.6 Oktas while, average relative humidity observed as 52%. Mean day time temperature recorded 32.1°C & for the present season 137.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.7 Knots.

**Murree**

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 0.4/4.1 Oktas while, average relative humidity observed as 47%. Mean day time temperature recorded 20.8°C & for the present season 76.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/1.7 Knots.

**Kalam**

Rainfall reported as 20.0mm during the week; however cloudiness in the morning/evening recorded 3.0/5.7 Oktas while, average relative humidity observed as 59%. Mean day time temperature recorded 19.7°C & for the present season 49.3 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 0.2mm during the week; however cloudiness in the morning/evening recorded 6.1/6.1 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 26.9°C & for the present season 51.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/6.0 Knots.

**Skardu**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 5.3/5.0 Oktas while, average relative humidity observed as 33%. Mean day time temperature recorded 21.4°C & for the present season 7.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/4.9 Knots.

**Crop Situation for Major Agricultural Plains**  
**(Based on Data from Regional Agromet Centers)**

**Potohar Region (Rawalpindi)**

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

**Wheat (Chakwal-97):** Good condition at *Shooting* stage.

**Central Punjab (Faisalabad)**

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

**Wheat:** Very good condition at *Emergence* stage.

**Lower Sindh (Tandojam)**

There is presently no crop in the fields of RAMC Tandojam.

**Northern Balochistan (Quetta)**

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

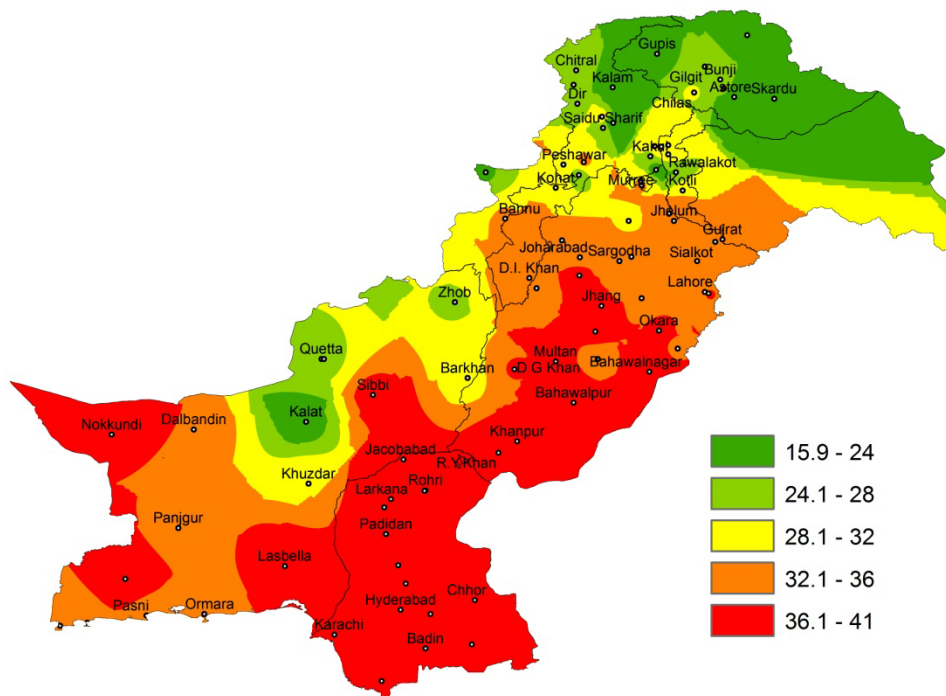
**Wheat (Local white):** Good condition at *Flowering* stage.

**Eastern Balochistan (Usta Muhammad)**

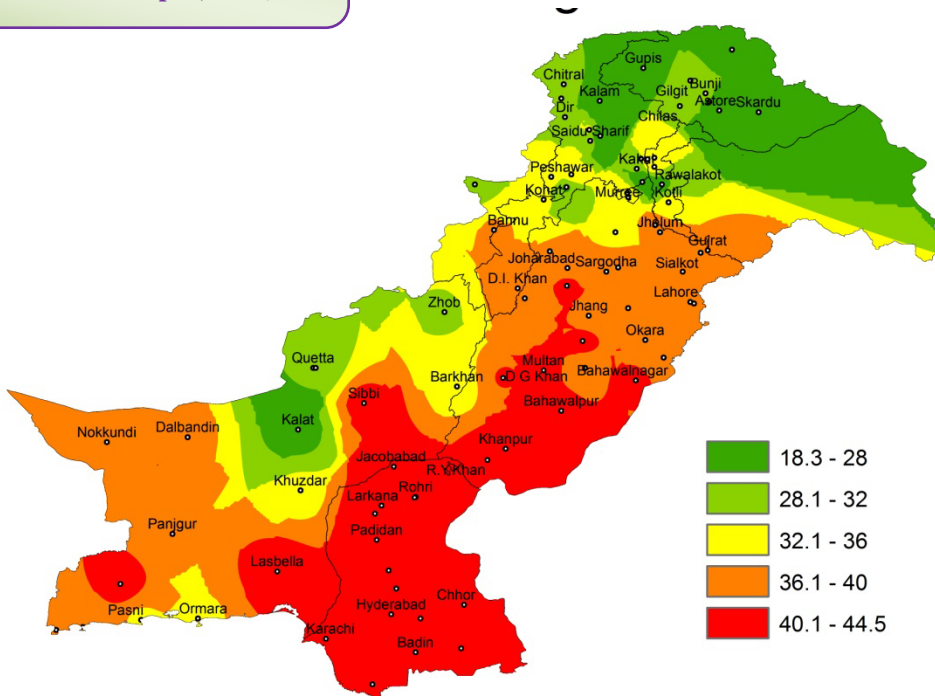
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

**Wheat:** Good condition at *Harvesting* stage completed.

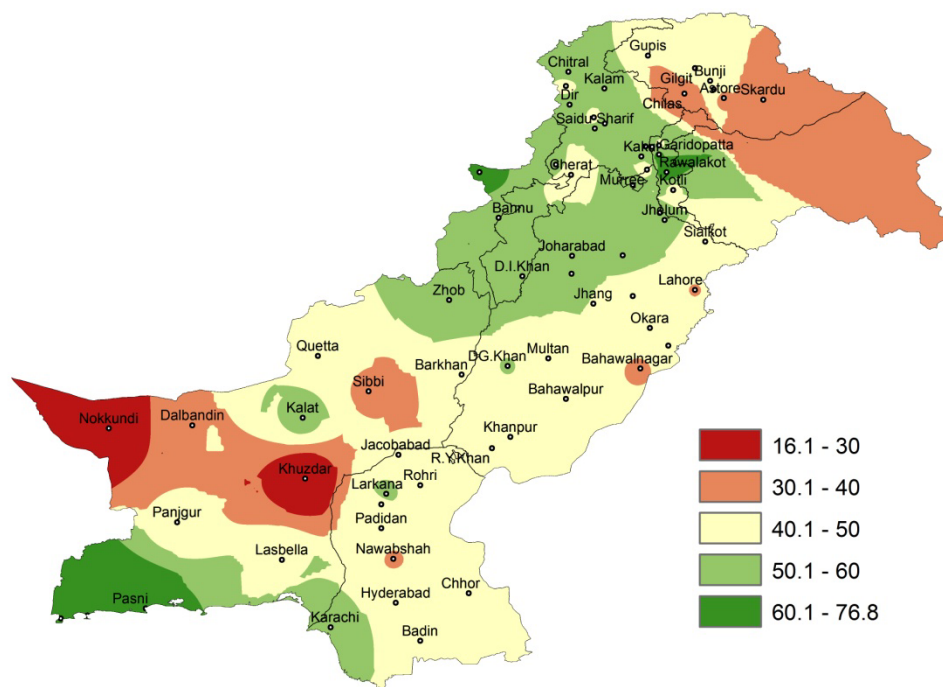
Mean Maximum Temperature (°C) during the  
Previous week (from 21<sup>st</sup> to 27<sup>th</sup> April, 2014)



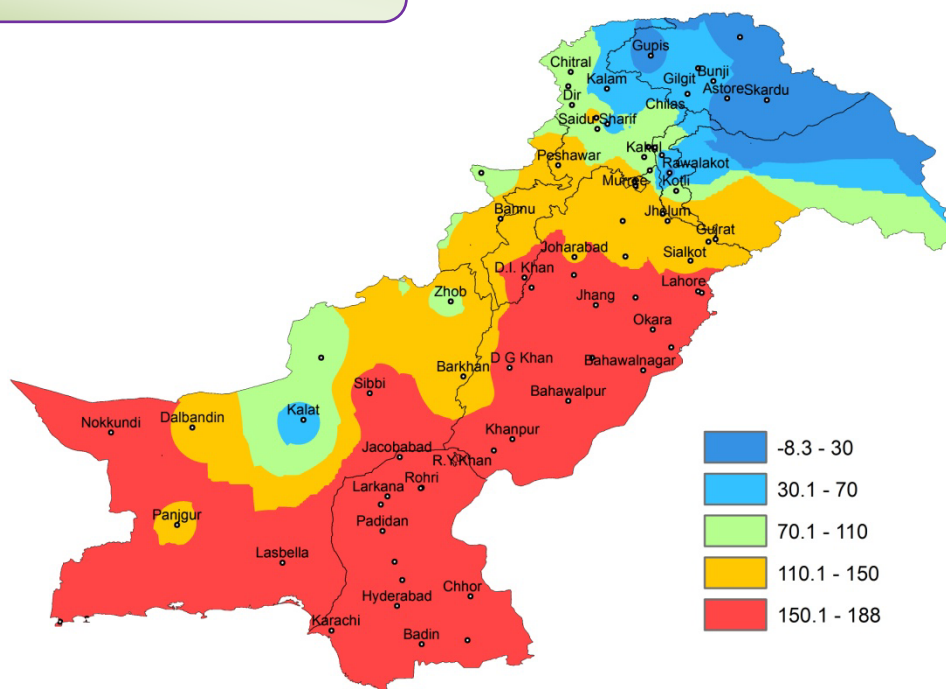
Highest Maximum Temperature (°C) during the  
Previous week (from 21<sup>st</sup> to 27<sup>th</sup> April, 2014)



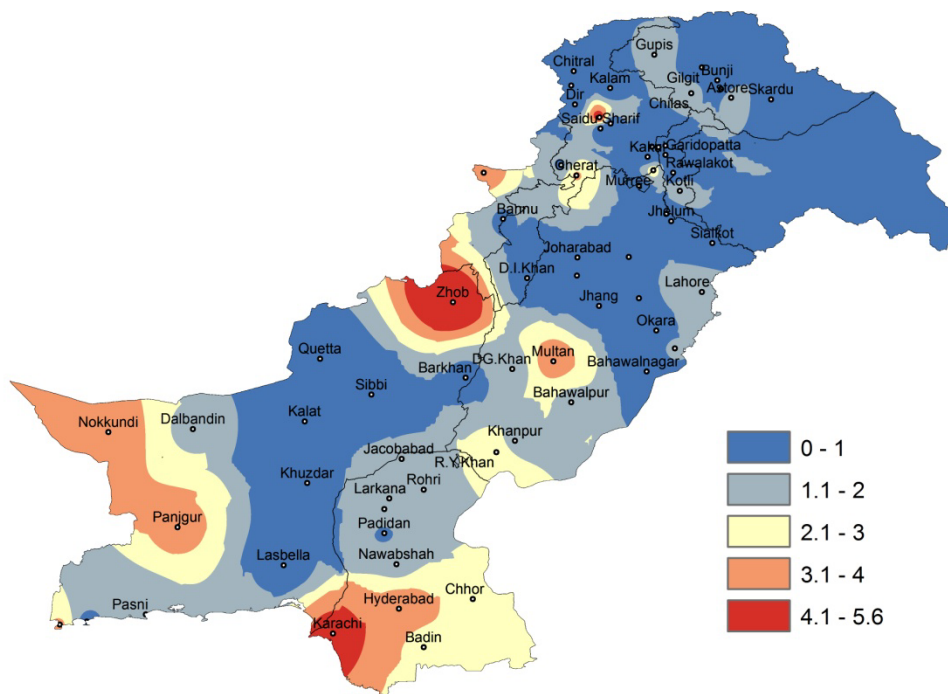
Mean Relative Humidity (%) during the  
Previous week (from 21<sup>st</sup> to 27<sup>th</sup> April, 2014)



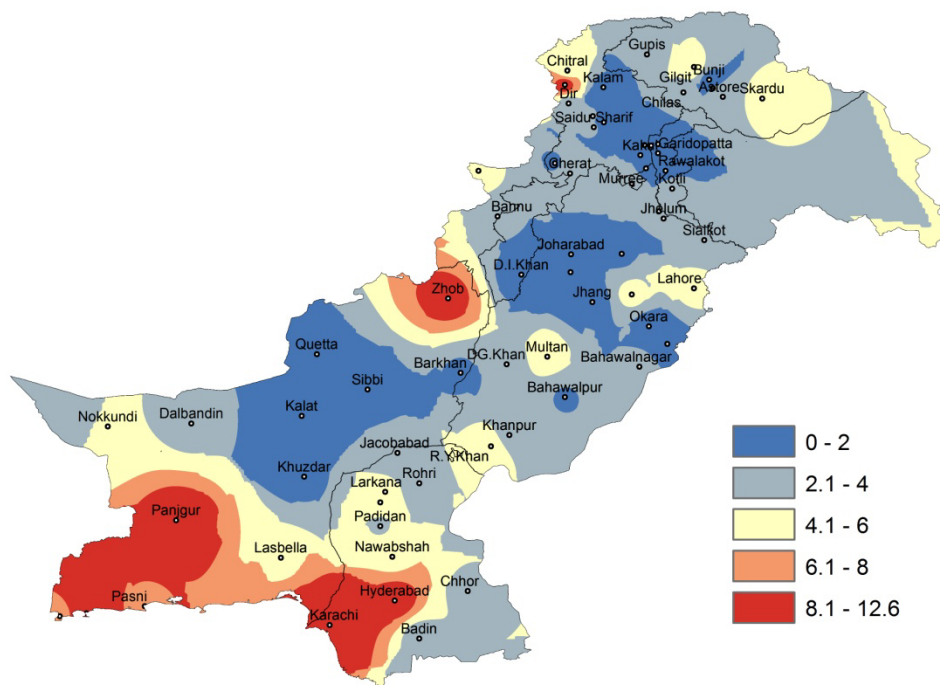
Total Growing Degree Days accumulated during the  
Previous week (from 21<sup>st</sup> to 27<sup>th</sup> April, 2014)



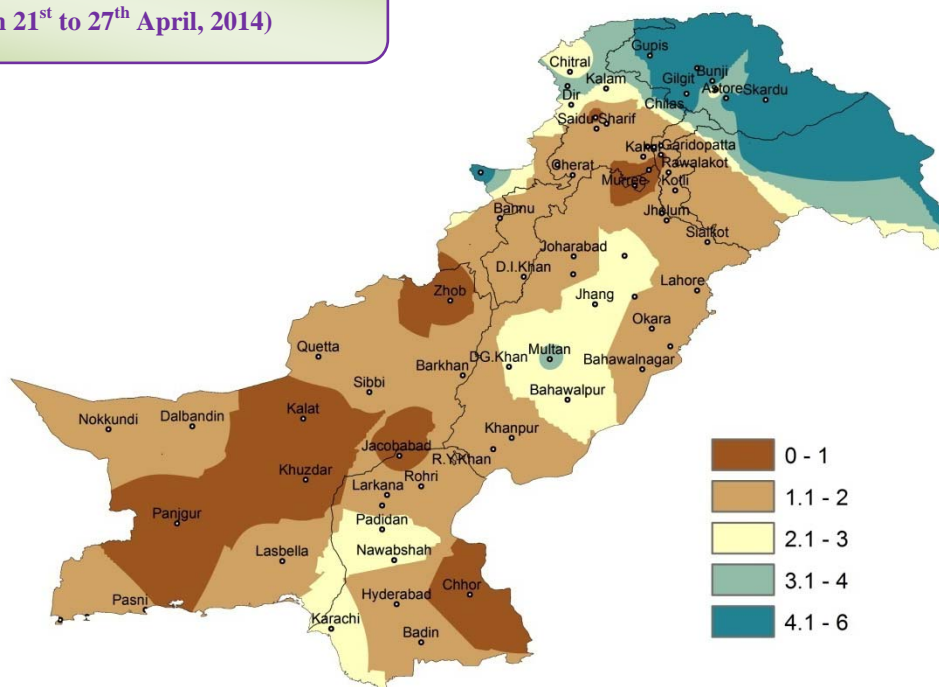
Mean Wind Speed (Knots) at 0800 PST during the  
Previous week (from 21<sup>st</sup> to 27<sup>th</sup> April, 2014)



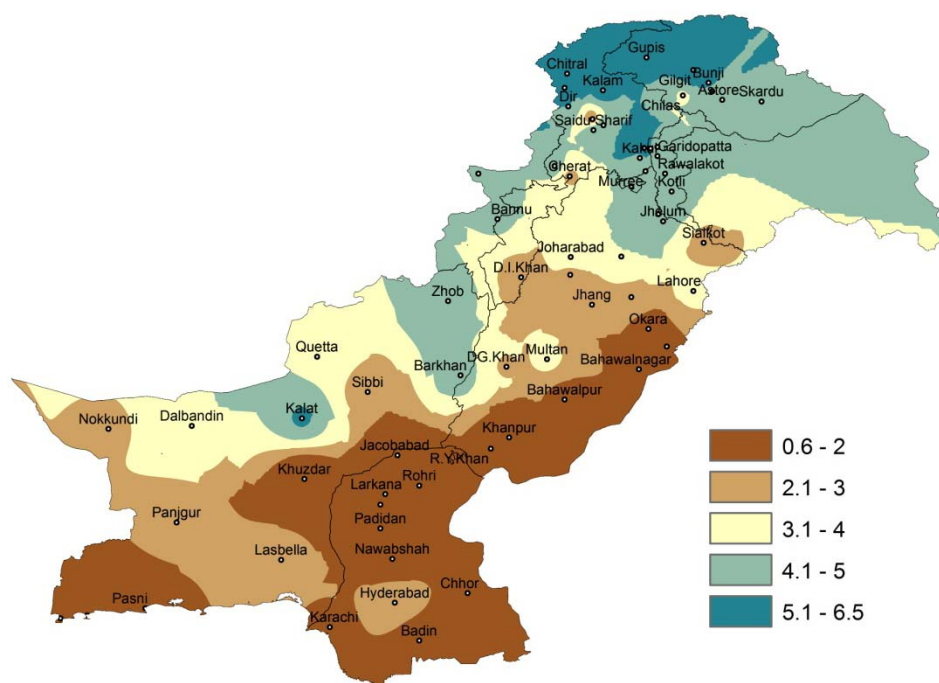
Mean Wind Speed (Knots) at 1700 PST during the  
Previous week (from 21<sup>st</sup> to 27<sup>th</sup> April, 2014)



Mean Cloudiness (Oktas) at 0800PST during the  
Previous week (from 21<sup>st</sup> to 27<sup>th</sup> April, 2014)



Mean Cloudiness (Oktas) at 1700PST during the  
Previous week (from 21<sup>st</sup> to 27<sup>th</sup> April, 2014)



## **Weekly Weather Advisory for Farmers** **(From 28<sup>th</sup> April to 4<sup>th</sup> May, 2014)**

Continental air would prevail over most parts of the country during next 3 days. A shallow westerly wave is expected to approach Upper and western parts of the country on Thursday and likely to persist during second half of the week.

### **Punjab including Islamabad**

Mainly hot and dry weather is expected in most parts of the province during first half of the week and day temperatures are expected to remain (2-4) °C above normal in most plain areas. Dust-thunderstorm with light rain is expected in plain areas of the province during Thursday/Friday, while isolated rain-thunderstorm expected in Islamabad, upper and central Punjab during the weekend.

### **Khyber Pakhtunkhwa**

Mainly hot and dry weather is expected in most parts of the province during first half of the week. Dust-thunderstorm with isolated rain is expected in KP (Malakand, Hazara, Peshawar, Kohat, Bannu and D.I. Khan Divisions) during second half of the week with occasional gaps.

### **Balochistan**

Mainly hot and dry weather is expected in most parts of the province during first half of the week and day temperatures are expected to remain (3-5) °C above normal in some plain areas. Dust-thunderstorm with light rain is expected north Balochistan (Quetta, Zhob and Kalat divisions) during second half of the week.

### **Sindh**

Mainly hot and dry weather is expected in most parts of the province during first half of the week

and day temperatures are expected to remain (3-5) °C above normal in most parts. Dust-thunderstorm with light rain is expected in Sukkur and Larkana divisions during the weekend.

### **Kashmir**

Mainly dry weather is expected in most parts of Kashmir during first half of the week, however, Isolated rain-thunderstorm is expected during second half of the week with occasional gaps.

### **Gilgit-Baltistan**

Mainly dry weather is expected in most parts of Gilgit-Baltistan during next two days, however, Isolated rain-thunderstorm is expected during Wednesday to Sunday with occasional gaps.

### **Advises for Crops**

- Farmers are advised to harvest full matured wheat crop in time keeping the expected light rainfall with gusty winds in mind so that in time cultivation of cotton crop may be completed.
- Farmers of central and lower parts of the country are advised to take precautionary measures to protect wheat after threshing. It is estimated that 10-15% loss occurs to wheat after threshing.

## National Weather Data of Selected Cities

### (Weekly Data From 21<sup>st</sup> to 27<sup>th</sup> April, 2014)

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	18.1	20.5	***	39	3.1	4.4	4.9	2.0	3.4
Badin	39.2	43.0	183.6	47	4.0	1.9	1.3	2.6	2.3
Bahawalnagar	37.2	40.5	174.1	39	0.0	2.0	1.9	0.3	3.1
Bahawalpur	37.3	40.4	168.9	48	0.1	2.0	1.4	1.7	1.7
Balakot	29.6	31.0	107.5	58	5.0	1.9	6.6	0.3	1.7
Bannu	32.7	36.7	133.6	54	0.1	1.0	4.1	0.9	3.1
Barkhan	29.9	33.0	118.9	42	7.0	1.1	4.4	0.6	1.4
Bunji	25.7	29.4	52.2	45	1.0	5.4	5.6	0.0	0.6
Cherat	24.9	27.0	***	47	0.0	1.9	2.7	3.1	3.4
Chhor	40.5	44.0	187.1	50	13.0	0.1	1.7	2.6	3.1
Chilas	28.3	30.0	69.9	31	0.0	4.6	3.9	1.7	3.4
Chitral	26.0	30.2	83.7	59	2.0	2.9	5.1	0.0	3.7
DG.Khan	36.3	40.3	164.7	51	10.0	2.0	2.9	1.4	2.9
D.I.Khan	34.9	38.5	150.2	55	3.0	1.4	2.4	0.6	0.0
Dalbandin	36.0	38.0	146.8	40	9.0	1.4	3.9	1.7	2.9
Dir	25.8	29.0	81.4	61	11.0	2.8	5.0	0.0	2.0
Drosh	26.2	29.0	79.8	44	4.0	3.3	5.7	0.0	10.4
Faisalabad	36.2	9.6	160.0	9	2.1	1.0	3.0	0.7	1.0
Garidopatta	30.7	33.0	64.7	64	26.0	0.7	4.3	0.0	1.1
Gawader	33.9	36.0	161.7	77	0.0	1.3	1.6	0.7	10.1
Gilgit	26.9	30.5	51.9	48	0.2	6.1	6.1	0.0	6.0
Gupis	20.7	23.5	20.0	40	0.0	4.0	5.3	1.4	2.6

Hyderabad	38.6	41.5	181.5	47	1.0	1.0	2.7	4.0	10.3
Islamabad	32.2	34.3	128.4	55	0.0	0.9	4.0	0.0	2.6
Jacobabad	38.9	42.5	179.4	41	0.2	0.7	1.4	1.1	3.1
Jhang	36.5	39.2	155.4	50	0.2	2.3	2.1	0.6	0.3
Jhelum	34.3	37.3	146.2	51	0.0	1.6	4.1	0.9	2.0
Jiwani	33.0	36.5	162.8	71	0.0	2.0	0.6	3.1	7.1
Joharabad	34.9	38.5	147.7	59	12.0	1.7	3.6	0.9	0.6
Kakul	26.8	28.5	97.8	50	0.0	1.1	4.6	0.0	2.0
Kalam	19.7	23.0	49.3	59	20.0	3.0	5.7	0.0	0.6
Kalat	21.1	24.0	59.6	55	0.3	0.0	5.1	0.0	0.9
Karachi	36.9	40.0	179.1	56	0.0	2.7	1.7	4.4	12.6
Khanpur	37.6	41.5	170.0	47	31.0	1.9	1.1	1.7	2.9
Khuzdar	31.8	33.0	***	16	0.0	0.0	0.6	0.0	1.1
Kotli	32.0	34.4	90.1	47	0.0	1.6	4.3	1.7	2.4
Lahore	36.3	38.2	158.4	40	1.0	1.4	3.3	2.0	5.1
Larkana	39.1	42.5	183.9	55	0.2	1.7	1.4	2.0	4.3
Lasbella	39.4	43.0	179.2	49	18.1	1.6	2.6	0.3	5.4
Lower Dir	30.8	33.5	123.7	48	0.0	0.7	2.1	5.1	2.3
Malam Jabba	15.6	18.0	38.4	54	12.0	1.3	5.1	0.0	0.3
M.B Din	34.6	38.5	150.0	54	0.0	2.3	4.0	0.6	1.4
Mangla	33.5	36.3	139.3	52	0.1	1.9	4.7	0.0	2.3
Mir Khani	25.6	28.0	***	41	7.0	1.7	4.0	0.0	2.1
Moinjodaro	39.3	43.5	169.7	43	2.0	1.4	1.0	1.7	4.3
Multan	36.6	40.3	***	44	5.1	3.2	3.2	3.7	5.3
Murree	20.8	22.5	76.2	47	1.0	0.4	4.1	2.6	1.7
Muzaffarabad	31.9	34.6	72.3	57	3.0	1.6	4.9	0.3	1.9

Nawabshah	40.4	43.5	186.7	39	0.2	2.0	1.3	1.7	5.0
Nokkundi	36.9	38.5	174.2	18	0.1	1.1	2.9	3.7	4.0
Noorpurthal	37.1	41.0	158.7	54	7.0	2.0	2.7	0.0	0.0
Okara	36.2	39.5	160.0	44	0.0	1.7	1.6	0.6	0.9
Padidan	39.2	42.0	182.9	49	0.2	3.0	1.1	0.9	3.9
Panjgur	33.6	36.0	148.9	43	1.0	0.6	2.4	3.4	10.0
Parachinar	23.4	29.5	71.4	66	8.0	4.4	4.4	3.9	5.0
Pasni	33.6	35.0	***	71	0.0	1.0	1.4	1.3	7.4
Pattan	31.4	35.0		46	0.0	1.9	4.1	0.0	0.0
Peshawar	32.1	35.0	137.2	52	3.1	1.6	4.6	0.9	1.7
Quetta	24.4	27.0	89.5	48	17.4	1.3	4.4	2.0	2.8
R.Y.Khan	39.0	42.4	176.4	45	1.0	2.0	1.7	2.6	5.4
Rawalakot	23.8	26.0	21.9	69	3.1	1.3	4.0	0.0	1.7
Rohri	38.8	43.0	183.3	41	4.0	1.1	0.7	1.4	3.4
Rawalpindi	32.5	34.6	134.4	50	0.0	0.0	1.4	0.2	0.8
Sahiwal	35.8	38.6	155.1	45	1.0	1.4	1.9	1.1	0.9
Saidu Sharif	28.3	30.5	109.5	51	0.0	1.4	4.7	0.0	2.4
Sialkot	33.5	36.3	150.1	46	0.4	1.3	2.6	0.0	2.3
Sibbi	38.8	43.0	169.5	38	0.0	1.1	2.3	0.0	0.0
Skardu	21.4	23.6	7.5	33	0.0	5.3	5.0	0.3	4.9
Tandojam	39.4	42.0	181.3	48	3.0	0.6	0.0	0.8	1.4
U.Muhammad	36.0	42.0	173.8	48	2.5	1.0	2.3	0.0	0.0
Zhob	27.4	31.0	107.4	59	5.0	0.9	4.7	5.6	9.6

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