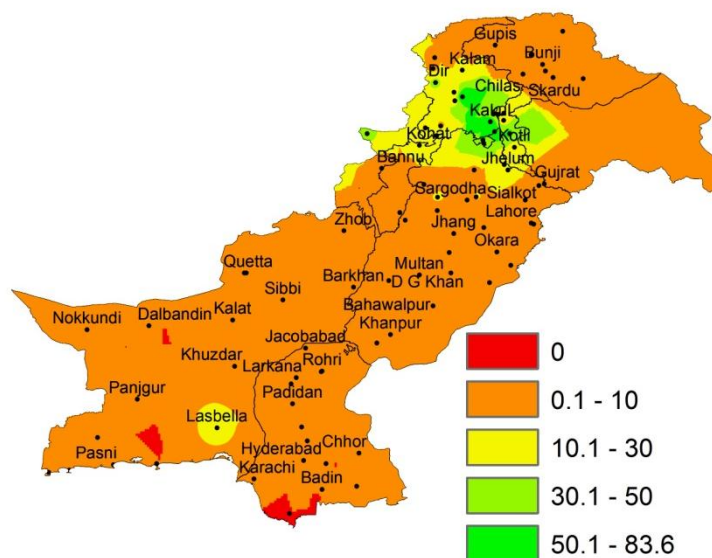


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**Rainfall Distribution (mm) during the  
Previous Week (From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)**



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**Highlights of Past Weather (From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)**

- Light to moderate rainfall was reported in Punjab, Khyber Pakhtunkhwa, Gilgit-Baltistan and Balochistan at many places during the week.
- Light rainfall was reported in Sindh at few places during the week.

**Patron-in-Chief: Arif Mahmood (Director General)**  
**Chief Editor: Dr. Khalid Mahmood Malik (Director)**  
**Editor: Khalida Noureen (Meteorologist)**

## **Past Weather of Provinces (From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)**

### **Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 36.2°C & 22.2°C respectively. For the present season average 168.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 49% and wind speed in the morning/evening recorded 2.1/2.5Knots. During the previous week highest amount of rainfall reported at Murree 56mm and highest maximum temperature was recorded 42.7°C at Rahim Yar Khan.

### **Sindh**

Light rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 40.7°C & 22.7°C respectively. For the present season average 196.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 44% and wind speed in the morning/evening recorded 3.0/6.0Knots. During the previous week highest amount of rainfall reported at Dadu 8.0mm and highest maximum temperature was recorded 45.5°C at Sukkur.

### **Khyber Pakhtunkhwa**

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 28.9°C & 15.3°C respectively. For the present season average 116.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 62% and wind speed in the morning/evening recorded 1.2/3.0Knots. The highest amount of rainfall was reported at Malam Jabba 85.0mm and highest maximum temperature recorded 39.5°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 33.8°C & 19.6°C respectively. For the present season average 159.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 43% and wind speed in the morning/evening recorded 1.2/6.1Knots. During the previous week highest amount of rainfall reported at Lasbella 12.1mm and highest maximum temperature recorded 44.0°C at Turbat.

### **Gilgit-Baltistan and Azad Jammu & Kashmir**

Light to moderate rainfall reported at few places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 28.7°C & 14.7°C respectively. For the present season average 116.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 1.3/4.1Knots. During the previous week highest amount of rainfall reported at Rawalakot 53.5mm and highest maximum temperature recorded 35.4°C at Muzaffarabad.

**Past Weather for Major Agricultural Plains**  
**(From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)**

**Rawalpindi (Potohar region)**

Rainfall reported as 43.6mm during the week; however cloudiness in the morning/evening recorded 2.9/3.1 Oktas while, average relative humidity observed 60%. Meanday time temperature recorded 32.9°C & for the present season 146.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.5/2.0Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.9/1.9Oktas while average relative humidity observed as 39%. Meanday time temperature recorded 41.3°C & for the present season 177.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/1.2Knots.

**Tandojam (Lower Singh)**

Dry weather reported during the week; however cloudiness in the morning/evening recorded 0.3/2.7Oktas while average relative humidity observed as 48%. Meanday time temperature recorded 41.1°C & for the present season 194.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.5/1.6Knots.

**Quetta (Northern Balochistan)**

Rainfall reported as 6.2mm during the week; however cloudiness in the morning/evening recorded 2.3/6.0 Oktas while, average relative humidity observed as 44%. Meanday time temperature recorded 25.7°C for the present season 102.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.5/3.0Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather reported during the week; however cloudiness in the morning/evening recorded 1.0/1.1Oktas while average relative humidity observed as 39%. Meanday time temperature recorded 40.7°C & for the present season 189.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.1Knots.

**Past Weather for Sub-Regional Agricultural Plains (From 5<sup>th</sup> 1 to 11<sup>th</sup> May, 2014)**

**Rohri**

Dry weather reported during the week; however cloudiness in the morning/evening recorded 0.7/1.9 ktas while, average relative humidity observed as 33%. Mean day time temperature recorded 40.5°C & for the present season 201.5growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.0Knots.

**Multan**

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 1.9/1.9 Oktas while, average relative humidity observed as 38%. Mean day time temperature recorded 38°C & for the present season 185.0growing degree days accumulated by the end of last week. .Wind speed recorded in the morning/evening as 1.7/3.4Knots.

**Lahore**

Rainfall reported as 5.1mm during the week; however cloudiness in the morning/evening recorded 2.9/2.4 Oktas while, average relative humidity observed as 44%. Mean day time temperature recorded 36.6°C&for the present season 169.2growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/3.0Knots.

**Zhob**

Rainfall reported as 9.0mm during the week; however cloudiness in the morning/evening recorded 0.4/5.7 Oktas while, average relative humidity observed as 56%. Mean day time temperature recorded 28.8°C & for the present season 122.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/8.6 Knots.

**D.I. Khan**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.0/1.0 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 36.4°C & for the present season 166.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/0.3 Knots.

**Peshawar**

Rainfall reported as 9.3mm during the week; however cloudiness in the morning/evening recorded 3.4/5.6 Oktas while, average relative humidity observed as 57%. Mean day time temperature recorded 33.2°C & for the present season 151.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/3.4 Knots.

**Murree**

Rainfall reported as 56mm during the week; however cloudiness in the morning/evening recorded 2.6/5.3 Oktas while, average relative humidity observed as 64%. Mean day time temperature recorded 21.1°C & for the present season 78.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.4/1.7 Knots.

**Kalam**

Rainfall reported as 11.0mm during the week; however cloudiness in the morning/evening recorded 0.0/2.3 Oktas while, average relative humidity observed as 61%. Mean day time temperature recorded 21.8°C & for the present season 77.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.3 Knots.

**Gilgit**

Rainfall reported as 1.3mm during the week; however cloudiness in the morning/evening recorded 4.7/5.9 Oktas while, average relative humidity observed as 41%. Mean day time temperature recorded 31.4°C & for the present season 125.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/9.1 Knots.

**Skardu**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.3/3.9 Oktas while, average relative humidity observed as 32%. Mean day time temperature recorded 26.6°C & for the present season 91.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/4.4 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 *Wax Maturity* stage.

**Central Punjab (Faisalabad)**

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

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

**Lower Sindh (Tandojam)**

There is presently one crop in the fields of RAMC Tandojam.

**Cotton (BT 3701):** Good condition at *Emergence* stage.

**Northern Balochistan (Quetta)**

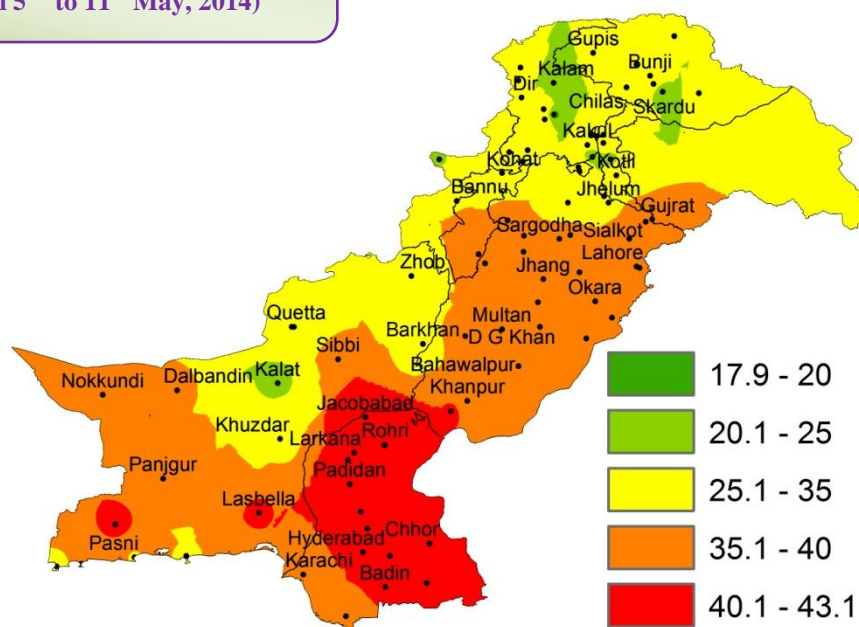
There is presently one crop (irrigated condition) grown in the fields of RAMC Quetta.

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

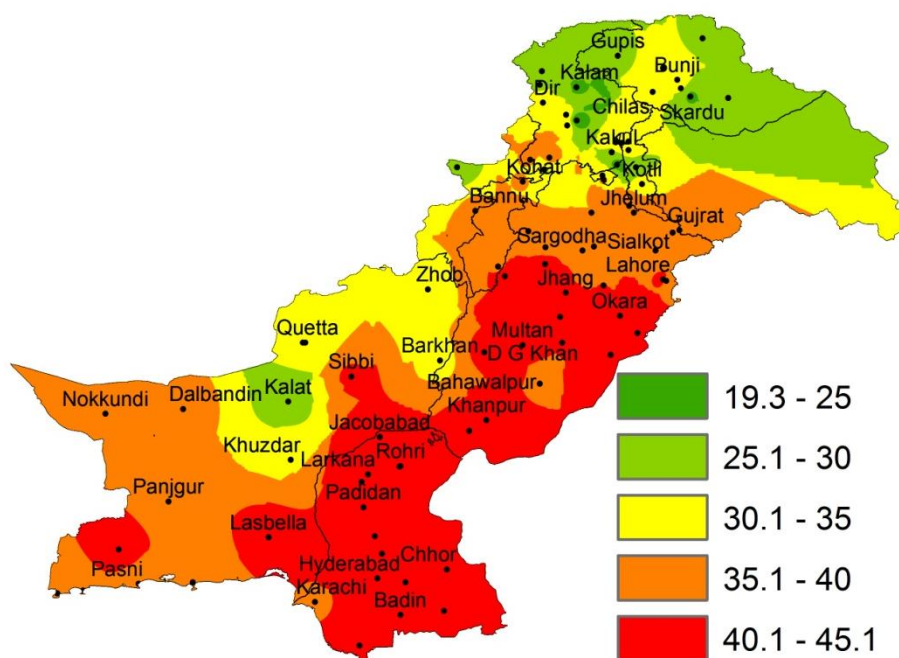
**Eastern Balochistan (Usta Muhammad)**

There is presently no crop in the fields of RAMC Usta Muhammad.

Mean Maximum Temperature (°C) during the  
Previous week (From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)

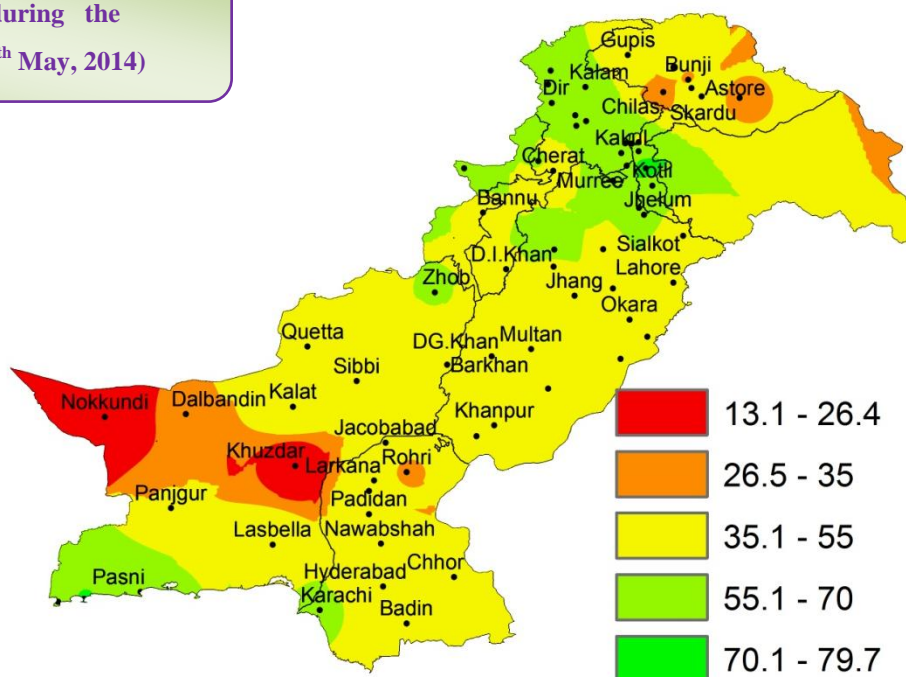


Highest Maximum Temperature (°C) during the  
Previous week (From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)

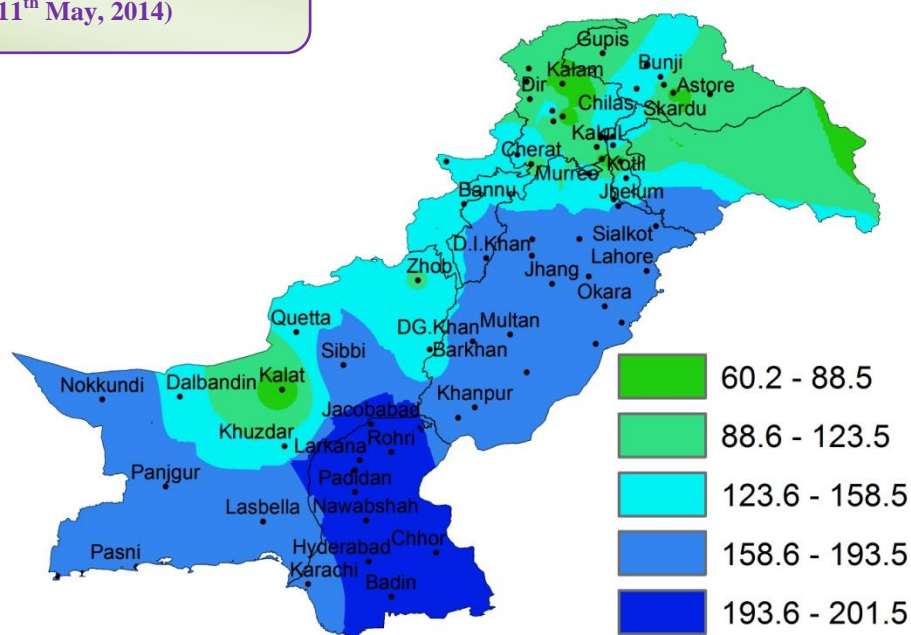




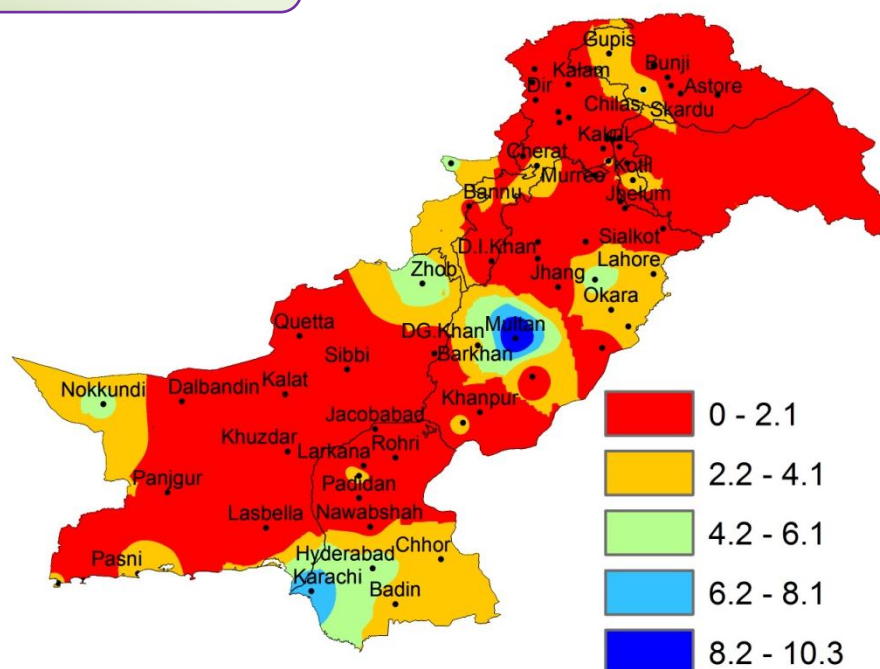
Mean Relative Humidity (%) during the  
Previous week (From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)



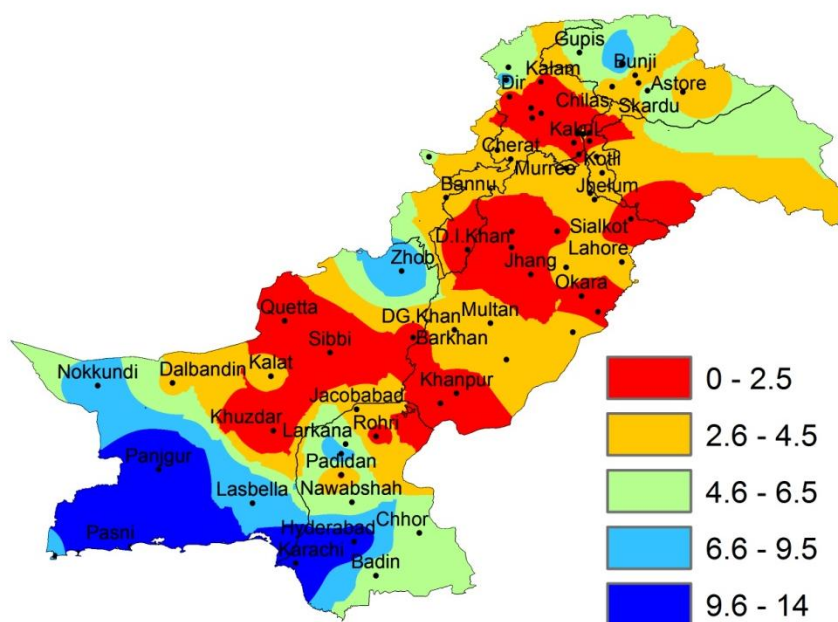
Total Growing Degree Days accumulated during the  
Previous week (From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)



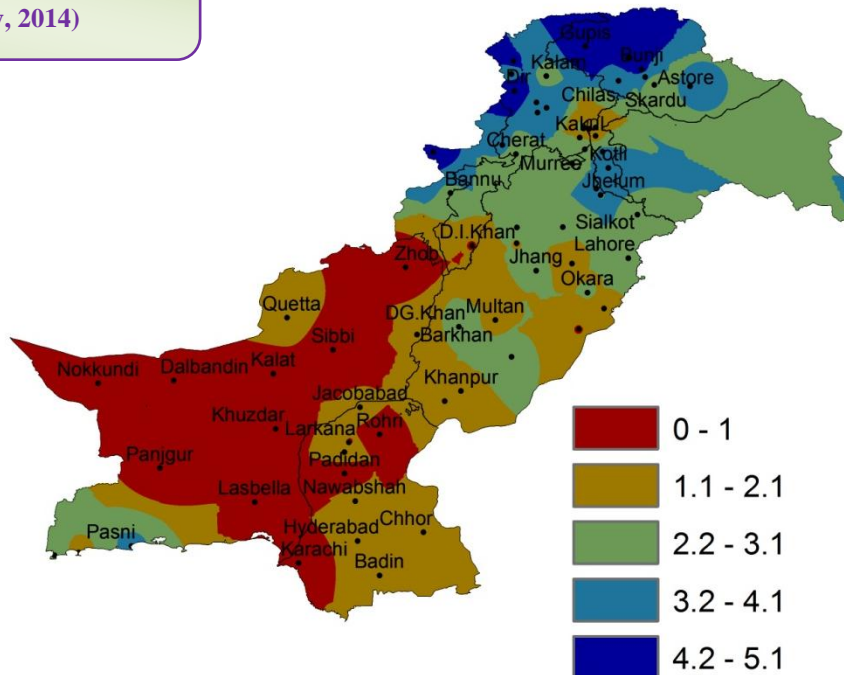
Mean Wind Speed (Knots) at 0800 PST during the  
Previous week (From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)



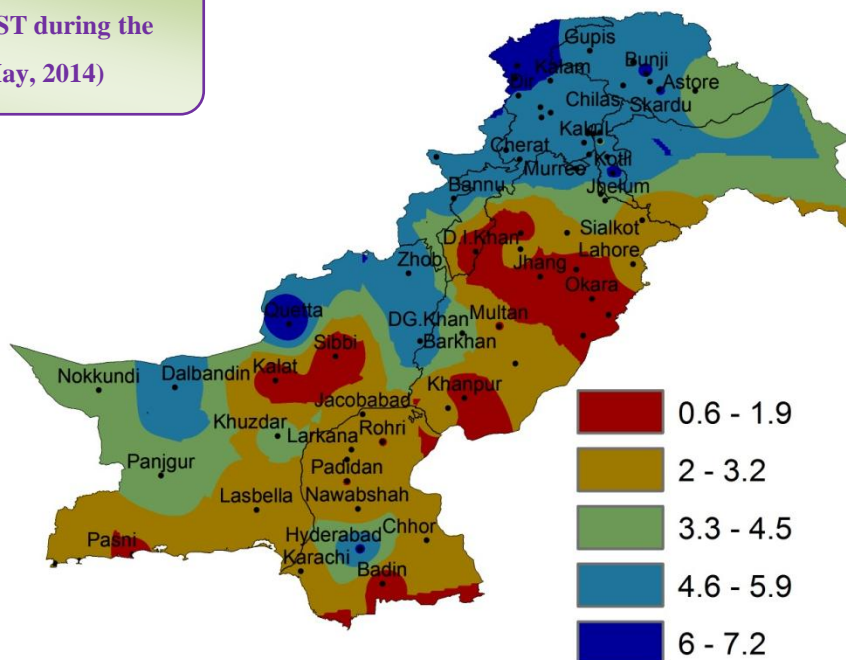
Mean Wind Speed (Knots) at 1700 PST during the  
Previous week (From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)



Mean Cloudiness (Oktas) at 0800PST during the  
Previous week (From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)



Mean Cloudiness (Oktas) at 1700PST during the  
Previous week (From 5<sup>th</sup> to 11<sup>th</sup> May, 2014)





### **Weekly Weather Advisory for Farmers** **(From 12<sup>th</sup> to 18<sup>th</sup> May, 2014)**

A western disturbance is affecting upper & central parts of the country and likely to persist during next 36 to 48 hours. A fresh western disturbance is expected to approach western parts of the country on Wednesday (night) and likely to persist in upper and central parts of the country during second half of the week.

#### **Punjab including Islamabad**

Intermittent rain thundershower associated with gusty winds is expected at scattered places in Islamabad, upper Punjab (Rawalpindi, Gujranwala, Sargodha, Lahore, Faisalabad divisions) while at isolated places in central and south Punjab (Multan, Sahiwal, Bahawalpur, D.G Khan divisions) during Monday to Wednesday. Day temperatures will remain 06 to 08°C below normal during next 2 to 3 days.

Dust storm / rain thundershowers associated with gusty winds are expected at isolated places in South Punjab (Multan, Sahiwal, D.G. Khan and Bahawalpur divisions) on Thursday/Friday, while at scattered places in upper & central Punjab during the weekend with occasional gaps.

#### **Khyber Pakhtunkhwa**

Intermittent rain thundershower associated with gusty winds is expected at scattered places in upper KP (Malakand, Hazara, Peshawar, Kohat divisions), while at isolated places in Bannu, D.I. Khan divisions from Monday to Wednesday; Isolated heavy falls is also expected in Malakand and Hazara divisions during the period. Day temperatures will remain 07 to 09°C below normal during next 2 to 3 days. More rain thundershower associated with gusty winds/dust storm is expected at scattered places in the provinces from Thursday to Sunday with occasional gaps.

#### **Balochistan**

Mainly hot and dry weather is expected in most parts of the province during the week; however rain thundershower is expected at isolated places in Balochistan (Quetta, Zhob, Makran and Kalat divisions) on Monday, while at scattered places during Thursday to Saturday. Isolated heavy falls is also expected in Makran and Kalat divisions during Thursday/Friday.

#### **Sindh**

Mainly hot and dry weather is expected in most parts of the province during the week; however, dust storm with light thundershower (associated with gusty winds) is expected at isolated places in the province including Karachi during Thursday/Friday.

#### **Kashmir**

Intermittent rain thundershower (with isolated heavy falls) is expected at scattered places in Kashmir from Monday to Wednesday. Partly cloudy to cloudy weather with rain thunderstorm is expected on Thursday/Friday. More rain-thundershower (with isolated heavy falls) is expected at scattered places in Kashmir during weekend with occasional gaps.

#### **Gilgit-Baltistan**

Intermittent rain thunderstorm is expected at scattered places in Gilgit-Baltistan from Monday to Wednesday, while partly cloudy to cloudy weather with rain thunderstorm is expected at isolated places during Thursday to Sunday with occasional gaps.

#### **Advises for Crops**

- Farmers are advised to harvest full matured wheat crop in time keeping the expected rainfall with gusty winds in mind so that wheat crop may be saved from any expected loss during harvesting/threshing.
- 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 due to improper storage etc.
- Cotton crop may be cultivated in time in areas where land is free from wheat crop so that the crop may face monsoon rains at suitable stages during monsoon heavy rains.

**National Weather Data of Selected Cities****(Weekly Data From 5<sup>th</sup> to 11<sup>th</sup> May, 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	22.3	23.5	78.8	36	2.0	2.3	6.0	2.0	5.0
Badin	40.6	43.0	196.3	46	0.0	1.3	1.1	3.4	4.6
Bahawalnagar	39.1	41.5	189.6	40	0.4	1.0	1.9	1.4	3.4
Bahawalpur	38.5	39.8	184.4	43	0.3	2.4	2.7	1.1	3.0
Balakot	29.4	31.5	123.9	62	41.0	2.1	5.0	0.0	1.4
Bannu	34.9	36.8	154.8	51	1.0	3.0	5.1	2.0	3.6
Barkhan	31.3	33.0	137.5	41	4.0	1.1	5.4	0.3	1.9
Bunji	30.3	33.9	138.7	30	3.0	4.7	6.3	1.1	3.0
Cherat	26.4	29.0	116.4	46	32.0	2.3	4.9	3.4	3.6
Chhor	41.6	44.0	**	46	0.0	1.7	2.2	2.3	4.8
Chilas	32.2	33.5	150.2	30	4.0	3.3	4.7	4.3	3.7
Chitral	27.2	29.5	104.0	63	8.2	4.3	7.1	0.9	5.6
D.I.Khan	36.4	39.5	166.7	53	0.1	1.0	1.0	1.1	0.3
Dalbandin	35.8	37.5	**	30	0.0	0.0	5.2	0.6	4.2
DG.Khan	39.1	41.5	189.3	42	0.2	2.4	3.9	4.0	3.9
Dir	26.4	30.5	101.5	67	34.0	5.1	5.7	0.0	1.3
Drosh	27.0	29.9	93.6	56	7.0	3.7	6.7	0.9	7.7
Faisalabad	37.1	40.0	177.5	39	0.1	1.9	1.9	1.4	1.2
Garidopatta	31.0	33.0	123.5	64	22.0	1.7	4.3	0.0	2.0
Gawader	35.4	38.0	175.0	70	0.0	1.7	2.3	0.3	11.9
Gilgit	31.4	34.5	125.8	41	1.3	4.7	5.9	0.0	9.1

Gupis	25.5	27.5	99.8	44	3.0	5.1	5.3	2.9	4.9
Hyderabad	40.9	42.5	197.3	45	0.1	1.1	6.0	5.1	11.8
Islamabad	32.4	33.8	143.6	67	55.0	2.3	5.0	0.3	3.7
Jacobabad	40.8	42.0	195.8	41	1.1	1.3	3.1	1.1	3.4
Jhang	37.7	40.4	175.0	45	0.0	2.1	0.9	0.3	0.3
Jhelum	35.0	36.3	163.5	59	14.0	3.0	3.1	1.1	3.6
Jiwani	34.3	36.5	175.4	68	0.0	2.7	2.0	2.3	7.9
Joharabad	35.5	38.0	167.4	65	12.1	2.7	1.4	0.6	0.9
Kakul	27.1	29.0	106.1	62	65.0	2.0	5.9	0.3	2.3
Kalam	21.8	24.5	77.0	61	11.0	2.7	5.9	0.0	2.3
Kalat	23.5	26.5	76.3	52	0.0	0.6	1.1	0.0	2.9
Karachi	37.0	39.5	188.5	59	0.0	0.7	2.3	6.9	10.4
Khanpur	39.1	41.1	186.8	40	4.0	2.0	1.0	0.9	2.0
Khuzdar	33.1	34.5	**	13	7.0	0.6	3.6	0.0	0.6
Kotli	32.6	34.2	146.5	58	22.0	3.7	6.0	3.3	3.7
Lahore	36.6	40.5	169.2	44	5.1	2.9	2.4	3.1	3.0
Larkana	40.9	45.0	199.2	43	0.1	1.0	3.0	1.7	5.7
Lasbella	40.4	42.5	187.3	48	12.1	1.0	2.3	0.3	9.1
Lower Dir	32.1	35.0	139.8	54	7.0	3.6	5.3	2.0	2.1
M.B Din	35.5	38.0	165.1	52	11.1	2.1	3.0	1.4	2.1
Malam Jabba	17.6	19.0	58.8	67	85.0	4.0	5.9	0.0	0.7
Mangla	34.2	35.7	152.8	56	14.0	3.7	4.6	0.0	4.1
Mir Khani	26.7	30.5	108.2	108	5.0	3.1	4.6	1.4	4.1
Moinjodaro	40.7	42.5	**	38	0.0	1.4	2.7	2.6	8.7
Multan	38.2	40.2	185.0	38	0.2	1.9	1.9	10.3	3.4
Murree	21.1	22.7	78.7	64	56.0	2.6	5.3	2.4	1.7

Muzaffarabad	32.1	35.4	136.1	63	23.2	1.9	5.3	0.0	3.4
Nawabshah	42.0	44.0	194.5	36	3.0	1.3	2.4	1.9	5.6
Nokkundi	36.4	39.0	174.3	14	0.1	0.6	4.0	4.3	6.7
Noorpurthal	38.6	42.0	175.8	49	1.0	2.0	2.6	0.0	0.4
Okara	37.3	40.5	176.7	47	2.1	2.1	0.9	2.9	1.4
Padidan	40.8	43.0	195.3	37	0.1	0.6	1.9	0.6	2.3
Panjgur	36.2	37.0	165.5	36	0.0	0.0	4.3	1.7	14.0
Parachinar	24.6	25.5	**	65	33.1	4.9	4.9	4.3	4.6
Pasni	34.8	36.5	171.3	69	0.0	3.3	1.7	2.6	12.9
Pattan	31.9	34.5	139.3	49	30.0	2.1	5.4	0.0	1.4
Peshawar	33.2	36.0	151.4	57	9.3	3.4	5.6	0.9	3.4
Quetta	25.7	28.5	102.2	44	6.2	2.3	6.0	2.5	3.0
R.Y.Khan	40.3	42.7	186.8	41	7.1	1.6	2.3	2.3	2.4
Rawalakot	23.2	25.3	81.0	80	53.5	3.3	5.7	0.6	3.9
Rohri	40.5	42.0	201.5	33	0.0	0.7	1.9	1.1	2.0
Sahiwal	37.3	40.2	174.7	45	0.3	1.7	1.7	2.6	2.4
Saidu Sharif	29.3	34.5	123.4	59	22.0	3.6	4.6	0.6	1.4
Sialkot	36.1	39.0	169.7	46	7.1	2.9	2.0	0.9	1.1
Sibbi	39.9	41.0	183.0	36	0.0	0.0	0.6	0.0	0.0
Skardu	26.6	28.6	91.1	32	0.0	3.3	3.9	0.0	4.4
Tandojam	41.1	44.0	194.5	48	0.0	0.3	2.7	1.5	1.6
Rawalpindi	32.9	34.2	146.7	60	43.6	2.9	3.1	0.5	2.0
U. Muhammad	40.7	42.0	189.6	39	0.0	1.0	1.1	0.0	0.1
Zhob	28.8	31.0	122.3	56	9.0	0.4	5.7	5.0	8.6

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