

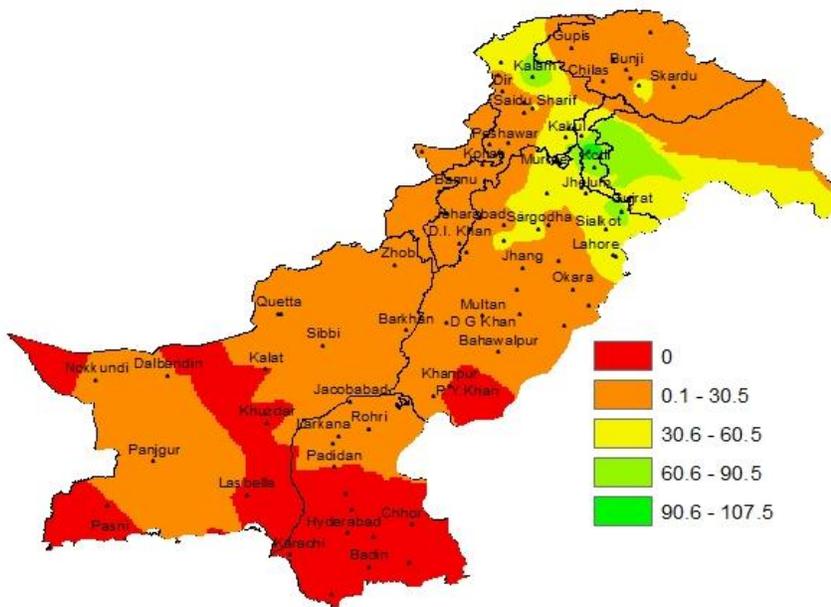
# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)**



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

## Highlights of Past Weather (From 23<sup>rd</sup> to 29<sup>th</sup> March , 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.

**Past Weather of Provinces (From 23<sup>rd</sup> to 29<sup>th</sup>****March 2015)****Punjab**

Light to Moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 31.1°C & 8.7°C respectively. For the present season average 75.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening 1.3/2.3Knots. During the previous week the highest amount of rainfall was recorded 101.6mm at Sialkot & lowest minimum temperature was recorded 6.0°C at Murree.

**Sindh**

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 37.8°C & 21.5°C respectively. For the present season average 171.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 2.5/5.9Knots. During the previous week the highest amount of rainfall was recorded 5.0 mm at Jacobabad & lowest minimum temperature recorded 16.1°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 22.2°C & 8.7°C respectively. For the present season average 75.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 51% and wind speed in the morning/evening recorded 1.0/2.9Knots. During the previous week the highest amount of rainfall was recorded 108.1mm at Rawalakot & lowest minimum recorded 0.0°C at Astore.

**Balochistan**

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 31.4°C & 16.8°C respectively. For the present season average 146.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 41% and wind speed in the morning/evening recorded 1.4/5.2Knots. During the previous week the highest amount of rainfall was recorded 3.0mm at Zhob & the lowest minimum temperature recorded 0.0°C at Kalat.

**Khyber Pakhtunkhwa**

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 23.6°C & 10.7°C respectively. For the present season average 81.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 61% and wind speed in the morning/evening recorded 0.8/1.6Knots. During the previous week the highest amount of rainfall was recorded 84.0mm at Kalam & lowest minimum temperature recorded -2.0°C at Kalam.

**Past Weather for Major Agricultural Plains  
(From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)**

**Rawalpindi (Potohar region)**

Rainfall reported as 45.8mm during the week; however cloudiness in the morning/evening recorded 1.1/2.0Oktas while, average relative humidity observed 58%.Mean night time temperature recorded 15.4°C & for the present season 120.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.5Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as “Trace”( Rain occurred but not measureable) during the week; however cloudiness in the morning/evening recorded 2.6/5.0 Oktas while, average relative humidity observed as 55%.Mean night time temperature recorded 17.0°C & for the present season 136.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.1Knots

**Quetta (Northern Balochistan)**

Rainfall reported as 4.4 mm during the week; however cloudiness in the morning/evening recorded 4.3/4.9Oktas while, average relative humidity observed as 41%.Mean night time temperature recorded 11.4°C & for the present season 84.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.5/3.9 Knots.

**Usta Muhammad (Eastern Balochistan)**

Rainfall reported as 2.6 mm during the week; however cloudiness in the morning/evening recorded 1.0/3.0Oktas while, average relative humidity observed as 63%.Mean night time temperature recorded 19.3°C & for the present season 156.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.5Knots.

**Tandojam (Lower Singh)**

Dry Weather was reported during the week;; however cloudiness in the morning/evening recorded 0.8/1.0 Oktas while average relative humidity observed as 45%.Mean night time temperature recorded 19.8°C & for the present season 171.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/1.6Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)**

**Multan**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.3/4.3 Oktas while, average relative humidity observed as 58%.Mean night time temperature recorded 20.2°C & for the present season 145.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.7/5.7Knots.

**Rohri**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.8/1.9Oktas while, average relative humidity observed as 47%.Mean night time temperature recorded 23.3°C & for the present season 172.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/3.1Knots.

**Lahore**

Rainfall reported as 48.2mm during the week; however cloudiness in the morning/evening recorded 2.2/5.0Oktas while, average relative humidity observed as 56%.Mean night time temperature recorded 19.3°C & for the present season 144.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.7/3.7Knots.

**Zhob**

Rainfall reported as 3.0mm during the week; however cloudiness in the morning/evening recorded 3.3/5.4Oktas while, average relative humidity observed as 42%.Mean night time temperature recorded 10.9°C & for the present season 96.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/5.0Knots.

**D.I. Khan**

Rainfall reported as 14.8mm during the week; however cloudiness in the morning/evening recorded 3.0/5.7Oktas while, average relative humidity observed as 66%.Mean night time temperature recorded 16.1°C & for the present season 131.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.0/1.1Knots.

**Peshawar**

Rainfall reported as 9.1mm during the week; however cloudiness in the morning/evening recorded 4.5/4.0Oktas while, average relative humidity observed as 67%.Mean night time temperature recorded 15.0°C & for the present season 126.7growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/2.1Knots.

**Murree**

Rainfall reported as 69.0mm during the week; however cloudiness in the morning/evening recorded 3.0/5.4Oktas while, average relative humidity observed as 49%.Mean night time temperature recorded 10.6°C & for the present season 68.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/1.6Knots.

**Kalam**

Rainfall reported as 84.5 mm during the week; however cloudiness in the morning/evening recorded 5.8/6.0Oktas while, average relative humidity observed as 66%.Mean night time temperature recorded 7.2°C & for the present season 70.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.7Knots.

**Gilgit**

Rainfall reported as 5.5mm during the week; however cloudiness in the morning/evening recorded 5.7/7.0Oktas while, average relative humidity observed as 45%.Mean night time temperature recorded 7.2°C & for the present season 70.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/4.9Knots.

**Skardu**

Rainfall reported as 21.7mm during the week; however cloudiness in the morning/evening recorded 4.7/6.6 Oktas while, average relative humidity observed as 46%.Mean night time temperature recorded 5.1°C & for the present season 44.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/1.7 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 RAMC Rawalpindi.

*Wheat Chakwal 97*: Fair condition at *Tesling* stage.

**Central Punjab (Faisalabad)**

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

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

**Lower Sindh (Tandojam)**

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

*Wheat TJ 83*: Good condition at *Full Maturity* stage.

**Northern Balochistan (Quetta)**

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

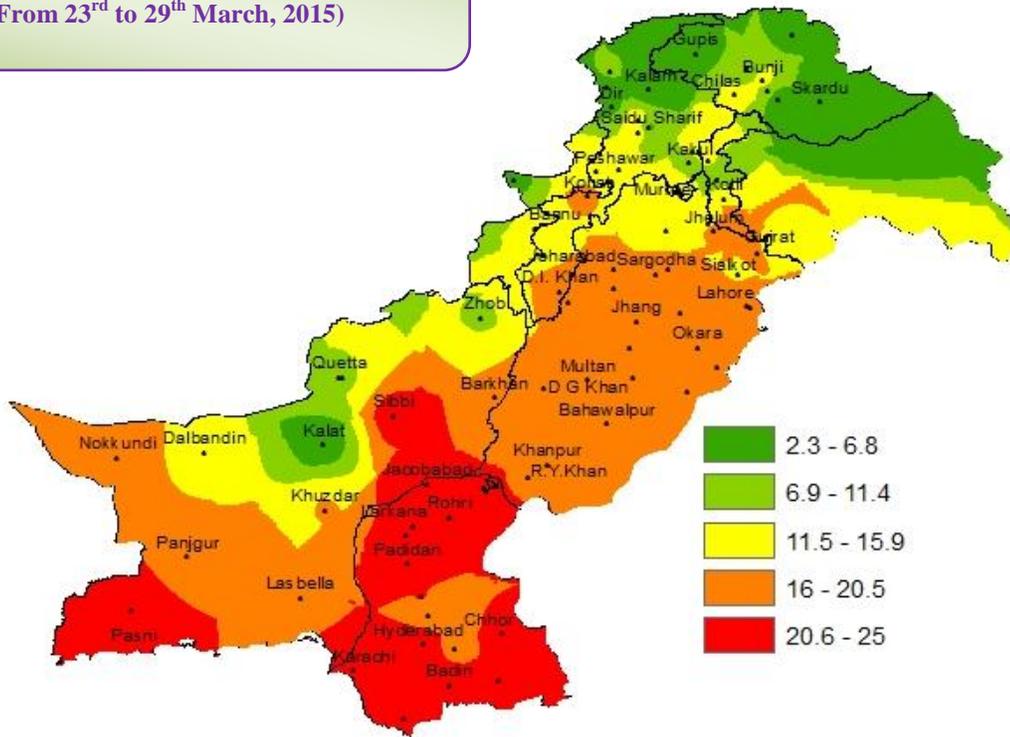
*Wheat*: Good condition at *Tillering* stage.

**Eastern Balochistan (Usta Muhammad)**

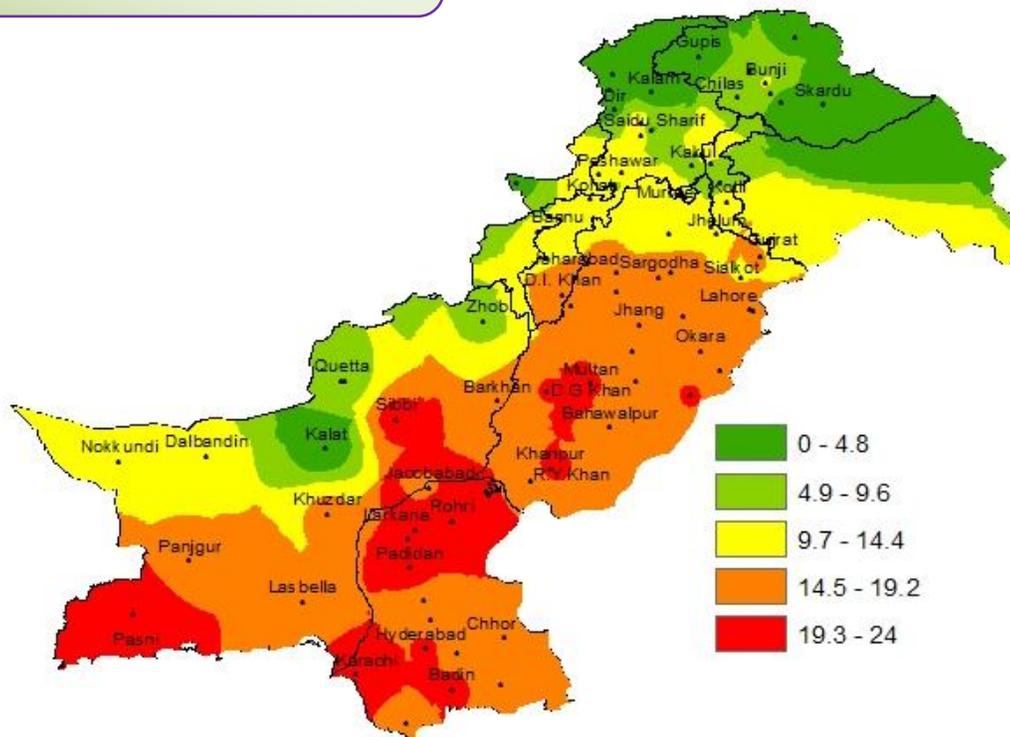
There is presently one crop grown in the fields of RAMC Usta Muhammad.

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

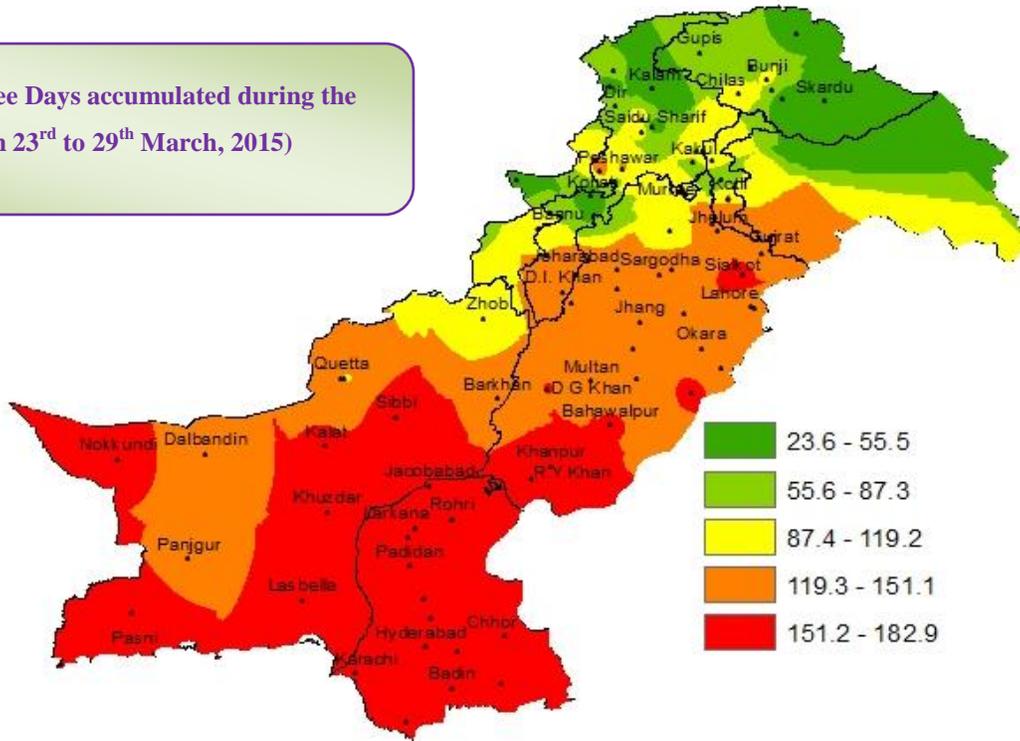
Mean Minimum Temperature (°C) during the Previous week (From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)



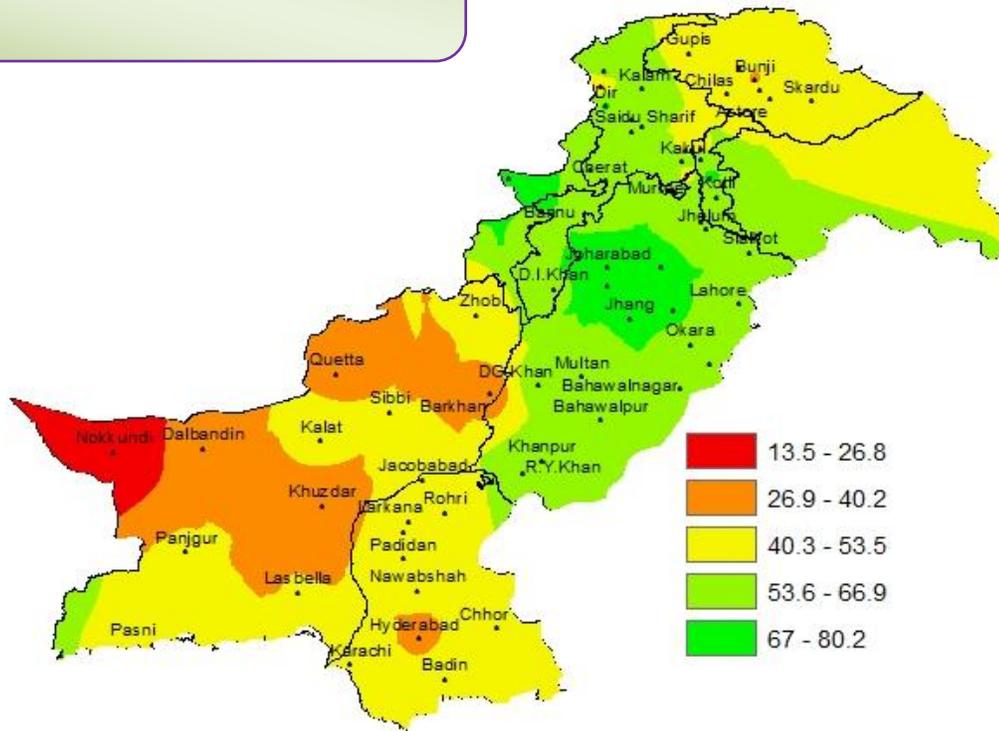
Lowest Minimum Temperature (°C) during the Previous week (From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)



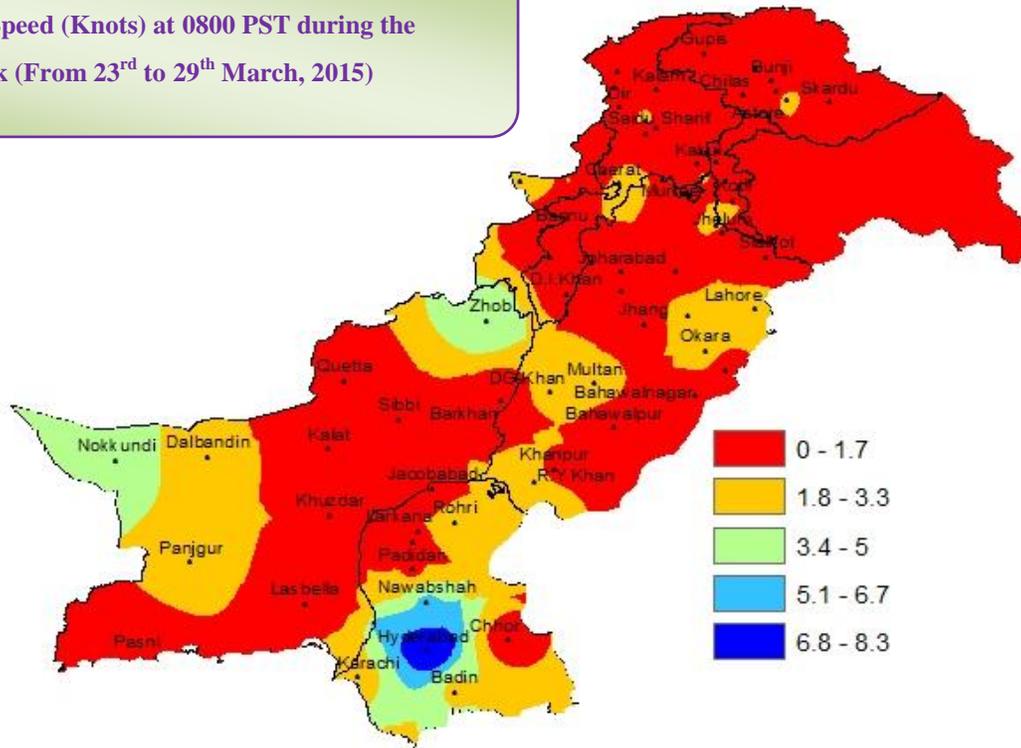
Total Growing Degree Days accumulated during the Previous week (From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)



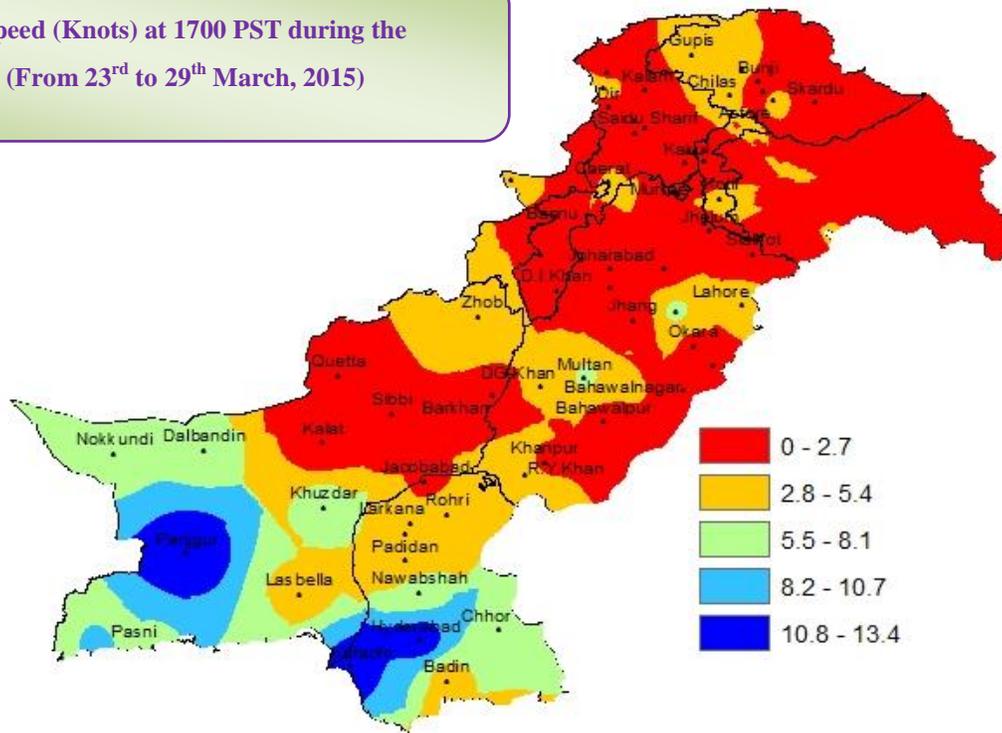
Mean Relative Humidity (%) during the Previous week (From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)



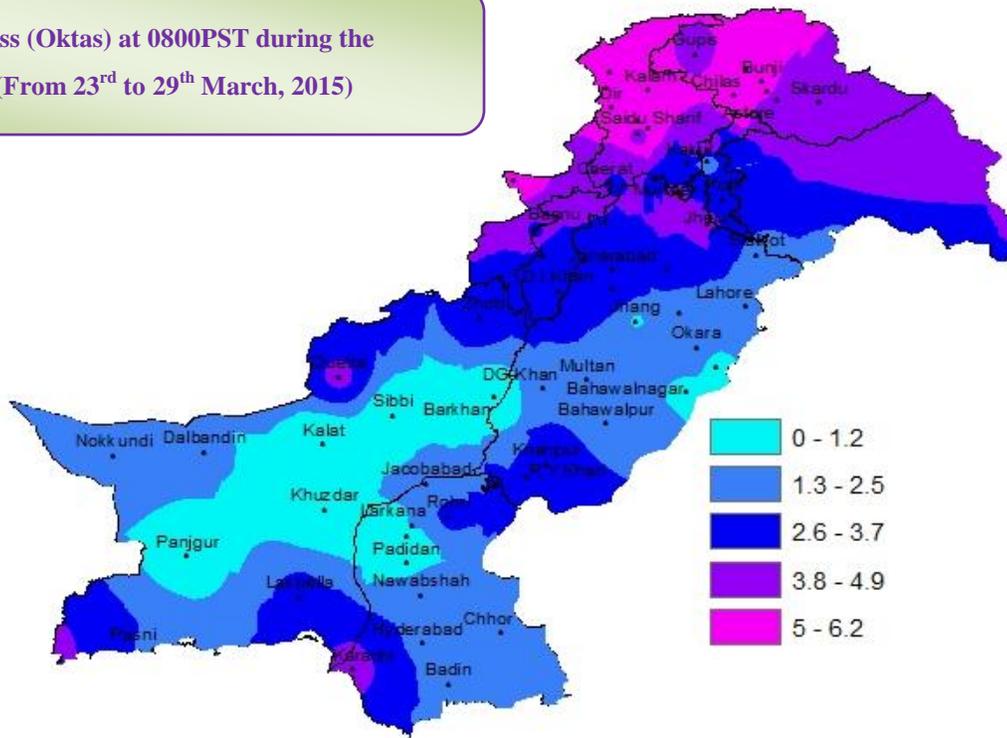
Mean Wind Speed (Knots) at 0800 PST during the Previous week (From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)



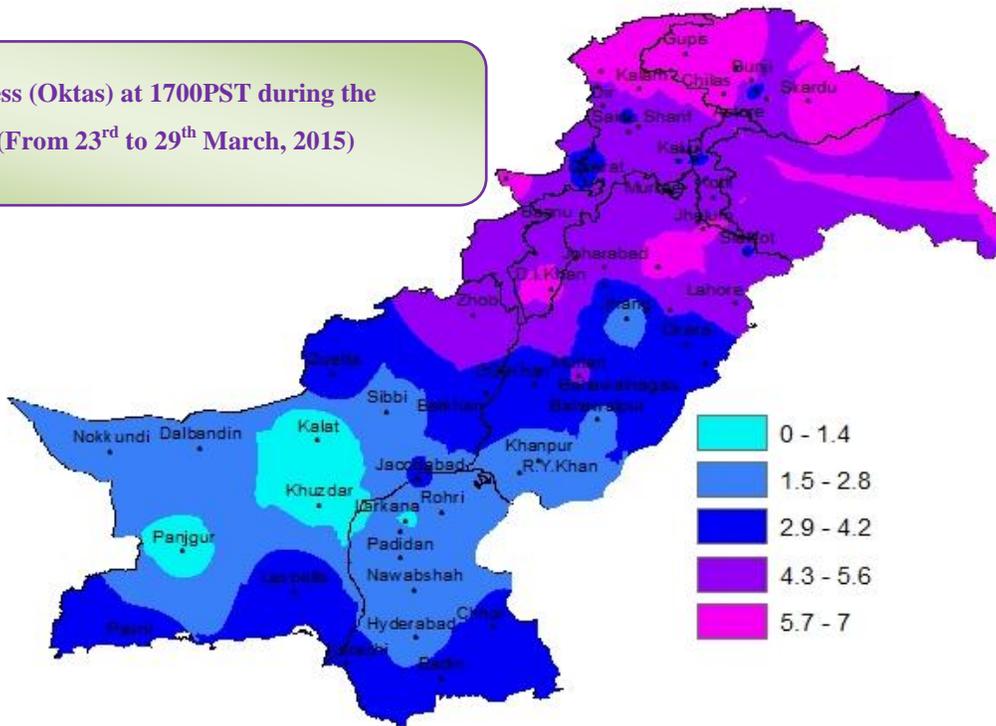
Mean Wind Speed (Knots) at 1700 PST during the Previous week (From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)



**Weekly Weather Advisory for Farmers****(From 30<sup>th</sup> March to 5<sup>th</sup> April, 2015)**

A shallow westerly wave is affecting upper parts of the country and likely to persist during next 24 to 30 hours. A fresh westerly wave is expected to approach upper & central parts of the country from Tuesday (evening/night) and likely to persist till Friday.

**MONDAY****30-03-2015**

Mainly dry weather is expected in most parts of the country. However, partly cloudy to cloudy weather conditions with rain-thundershower are expected at isolated places in upper Khyber Pakhtunkhwa (Malakand, Hazara, Peshawar, Mardan divisions), upper FATA, Rawalpindi, Gujranwala divisions, Islamabad, Kashmir and Gilgit-Baltistan..

**TUESDAY****31-03-2015**

Partly cloudy to cloudy weather conditions would prevail in upper/central parts of the country. Rain-thundershower is expected at scattered places in upper Khyber Pakhtunkhwa (Malakand, Hazara, Peshawar, Mardan, Kohat divisions), upper FATA, Gilgit-Baltistan, while at isolated places in Islamabad, upper Punjab (Rawalpindi, Gujranwala, Sargodha divisions) and Kashmir.

**WEDNESDAY****01-04-2015**

Widespread rain-thundershower associated with gusty winds is expected in upper KP (Malakand, Hazara, Peshawar, Mardan divisions), FATA, Islamabad, Rawalpindi division, Kashmir and Gilgit-Baltistan, at scattered places in Kohat, Bannu, D.I.Khan Gujranwala, Lahore, Sargodha divisions, while at isolated places in north Balochistan (Quetta and Zhob divisions). Isolated heavy falls are also expected in Malakand, Hazara, Mardan divisions and Kashmir. Dry weather is expected elsewhere in the country.

**THURSDAY****02-04-2015**

Rain-thundershower associated with gust winds is expected at scattered places in north Balochistan (Quetta, Zhob, Kalat divisions),

Khyber Pakhtunkhwa, FATA, Islamabad, Punjab, Kashmir, Gilgit-Baltistan, at isolated places in South Punjab (Multan, D.G.Khan, Bahawalpur divisions) and upper Sindh (Sukkur, Larkana divisions). Isolated heavy falls are also expected in Malakand, Hazara, Quetta, Kalat divisions and Kashmir.

**FRIDAY****03-04-2015**

Rain-thundershower associated with gusty winds is expected at scattered places in Kashmir, Gilgit-Baltistan, upper Khyber-Pakhtunkhwa, upper FATA, Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha divisions), while at isolated places in south Punjab (Multan, D.G.Khan, Bahawalpur divisions), north Balochistan (Quetta, Zhob divisions) and upper Sindh (Sukkur, Larkana divisions).

**SATURDAY****04-04-2015**

Mainly dry weather is expected in most parts of the country, however, partly cloudy weather conditions with rain-thunderstorm expected in northeast Punjab (Rawalpindi, Gujranwala, Lahore divisions), Kashmir and Gilgit-Baltistan.

**SUNDAY****05-04-2015**

Mainly hot and dry weather is expected in most parts of the country, however, partly cloudy weather conditions with rain-thunderstorm expected in Kashmir and Gilgit-Baltistan.

**Advises for Crops**

- Wheat crop is in different maturity stages. Farmers are advised to irrigate the crops keeping the expected rain in the agricultural plains of the country.
- Weeds are expected to shoot in excess after recent rains. Farmers should control weeds growth soon after rains.
- Farmers are advised to control further weeds growth at the present growing stages to stop any negative impact over the crops. Weeds removing practices should be started soon after expected rains in the mentioned areas.
- Farmers of upper half and northwest Balochistan should be careful about irrigation and spraying chemicals on the crops during or before expected rains during the decade.

**National Weather Data of Selected Cities****(Weekly Data From 23<sup>rd</sup> to 29<sup>th</sup> March, 2015)**

Stations	Minimum/Night time Temperature (°C)		Growing Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PS T	Wind Speed (Knots) 1700PST
	Mean	Lowest							
Astore	2.1	0.0	22.8	50.2	37.3	4.0	5.7	2.3	4.0
Badin	22.0	20.0	181.0	51.3	0	2.2	3.3	3.0	3.7
Bahawalnagar	20.5	19.5	154.5	57.2	0	1.2	3.7	1.3	2.1
Bahawalpur	19.6	18.8	152.0	61.9	0	2.2	2.6	0.0	1.7
Balakot	12.0	10.0	96.8	51.7	37.3	4.3	5.1	0.3	1.4
Bannu	12.8	10.5	111.6	64.0	23	3.7	5.3	0.0	2.6
Barkhan	16.6	15.0	132.8	33.5	1	0.0	3.9	0.0	1.7
Bunji	13.9	10.6	97.1	36.0	8.6	5.2	6.1	1.0	1.3
Cherat	11.5	9.0	81.5	56.2	8	3.5	4.3	3.0	3.1
Chhor	21.3	17.5	181.0	46.1	0	1.3	3.1	0.7	7.1
Chilas	12.3	9.0	95.4	40.8	8	5.3	6.3	1.0	4.0
Chitral	7.8	4.8	60.7	56.9	44.5	5.7	5.7	1.7	1.4
D.I.Khan	16.1	15.5	131.1	66.0	14.8	3.0	5.7	1.0	1.1
Dalbandin	15.1	12.0	132.8	32.3	0	1.5	2.7	2.7	6.6
DG.Khan	20.0	19.4	151.4	60.7	0.1	2.2	3.7	2.3	2.9
Dir	5.8	4.0	60.8	68.0	13.4	6.2	5.1	0.0	1.4
Drosh	4.9	2.3	51.4	46.2	27.7	6.2	5.6	0.0	4.9
Faisalabad	17.0	16.3	136.0	55.0	0.1	2.6	5.0	0.6	1.1
Garidopatta	11.9	9.5	105.3	59.7	54	1.3	3.4	1.0	2.6
Gawader	23.1	22.0	165.0	47.9	0	3.3	3.3	0.0	8.4
Gilgit	7.2	4.5	70.8	45.3	5.5	5.7	7.0	0.0	4.9

Gupis	4.3	3.0	70.8	45.7	2	4.7	6.6	1.3	4.6
Hyderabad	22.4	20.0	179.4	37.1	0	2.3	2.3	8.3	12.6
Islamabad	14.6	11.5	115.2	66.7	47.6	4.0	4.3	0.0	2.3
Jacobabad	21.0	19.0	166.5	49.0	5	1.7	3.0	0.7	2.3
Jhang	16.6	15.0	131.5	68.5	4	1.2	2.0	0.3	0.6
Jhelum	16.4	14.4	130.3	65.5	29.7	3.7	6.0	0.0	1.7
Jiwani	22.6	20.5	157.9	65.6	0	4.2	3.6	1.7	7.4
Joharabad	16.5	14.5	133.3	71.8	27.4	3.0	5.3	0.7	0.3
Kakul	9.8	8.0	83.7	57.6	41.6	2.7	4.0	0.0	1.4
Kalam	2.7	2.0	29.3	66.2	84.5	5.8	6.0	0.0	0.0
Kalat	3.6	0.0	157.9	46.1	0	0.0	0.0	0.0	0.0
Karachi	23.4	21.3	176.9	53.2	0	4.0	3.3	2.7	11.7
Khanpur	20.4	19.5	157.0	62.5	0	3.0	2.6	1.0	2.3
Khuzdar	16.3	16.0	157.9	27.2	0	0.0	1.1	1.7	6.9
Kotli	15.9	14.3	121.0	59.2	75.1	3.3	5.4	1.7	4.6
Lahore	19.3	18.5	144.2	56.4	48.2	2.2	5.0	2.7	3.7
Larkana	22.6	19.5	171.5	43.2	1	1.3	1.3	1.7	3.4
Lasbella	18.1	15.5	165.5	40.6	0	2.8	4.0	0.0	4.0
Lower Dir	13.6	11.5	101.8	62.3	10	5.8	3.9	2.3	1.4
M.B Din	17.0	16.0	132.3	68.9	20.2	3.5	6.0	0.0	1.1
Malam Jabba	5.9	4.0	33.6	55.2	34.5	5.0	5.0	0.7	0.4
Mangla	15.5	13.3	123.4	62.6	45.1	3.8	5.1	3.2	2.0
Mir Khani	9.7	7.5	79.5	54.8	21	5.3	2.6	0.0	0.0
Moinjodaro	21.0	19.5	158.4	50.4	0	0.7	1.6	1.3	5.1
Multan	20.2	19.5	145.8	58.0	0.1	2.3	4.3	2.7	5.7
Murree	10.6	6.0	68.5	48.9	69	3.0	5.4	2.0	1.6

Muzaffarabad	12.1	10.4	105.2	52.9	43	3.7	5.1	1.2	2.6
Nawabshah	20.6	19.0	176.3	42.6	0	2.0	1.4	5.2	6.9
Nokkundi	17.0	13.0	165.5	13.5	0	2.2	1.9	4.0	6.9
Noorpurthal	17.1	15.5	139.5	67.1	34.1	3.7	3.9	0.0	0.0
Okara	18.6	17.5	144.0	61.0	2.6	1.8	3.6	2.3	2.0
Padidan	22.4	20.5	177.3	42.8	0	1.0	1.6	1.3	3.1
Panjgur	16.9	16.0	133.5	42.1	1	0.5	1.0	3.0	13.4
Parachinar	5.0	2.6	30.8	80.2	30.2	5.8	6.0	3.0	3.0
Pasni	21.1	20.0	158.8	49.6	0	2.2	3.1	0.7	7.4
Peshawar	15.0	12.7	126.7	66.5	9.1	4.5	4.0	0.3	2.1
Quetta	11.4	8.5	84.7	41.0	4.4	4.3	4.9	2.5	3.9
R.Y.Khan	20.2	18.2	161.4	58.6	0	2.5	2.3	3.3	4.0
Rawalakot	7.0	5.0	56.5	70.1	108.1	2.7	5.6	0.0	0.3
Rohri	23.3	21.5	172.3	47.4	0.1	2.8	1.9	2.3	3.1
Rawalpindi	15.4	14.0	120.0	58.0	45.8	1.1	2.0	0.3	0.5
Sahiwal	17.3	16.5	136.4	64.1	0.1	1.0	3.6	1.0	2.0
Saidu Sharif	12.8	11.5	96.3	58.5	14.5	4.7	4.6	0.0	0.0
Sialkot	17.3	15.8	129.2	65.0	101.6	2.0	4.1	0.3	1.4
Sibbi	23.8	22.0	177.0	40.2	0.1	0.0	2.3	1.0	2.0
Skardu	5.1	3.3	44.2	46.2	21.7	4.7	6.6	0.0	1.7
Tandojam	19.8	15.0	171.5	45.0	0	0.8	1.0	0.0	1.6
Usta.M	19.3	17.0	156.6	63.0	2.6	1.0	3.0	0.1	0.5
Zhob	10.9	8.0	96.5	41.6	3	3.3	5.4	5.0	5.0

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