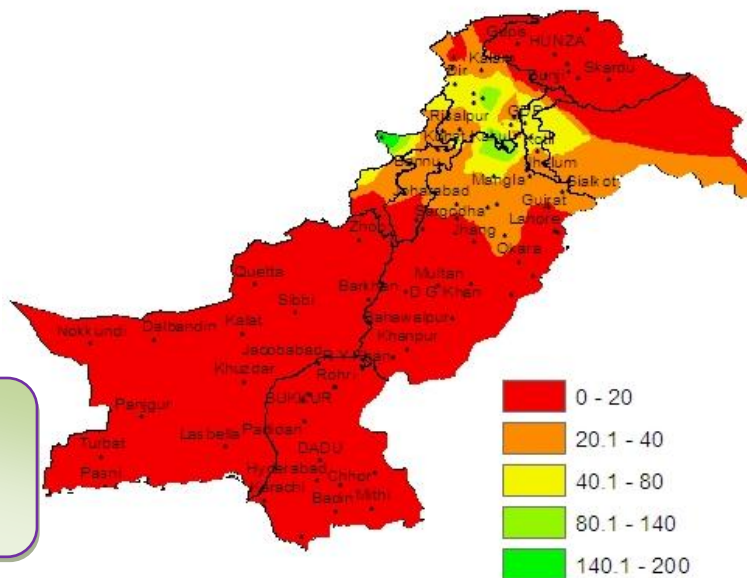


# Weekly Weather and Crop Bulletin for Pakistan

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Rainfall Distribution (mm) during the  
Previous Week (From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)

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

## Highlights of Past Weather (From 2<sup>nd</sup> to 8<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:

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

**Past Weather of Provinces (From 2<sup>nd</sup> to 8<sup>th</sup>****March 2015)****Punjab**

Moderate to heavy rainfall was reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 19.0°C & 9.5°C respectively. For the present season average 67.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 79% and wind speed in the morning/evening 2.0/3.2Knots. During the previous week the highest amount of rainfall was recorded 159.1mm at Islamabad & lowest minimum temperature was recorded -1.8°C at Murree.

**Sindh**

Light to moderate rainfall was reported at many places in Sindh during the week. Weekly maximum and minimum temperatures recorded 29.9°C & 13.1°C respectively. For the present season average 105.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening recorded 1.8/5.0Knots. During the previous week the highest amount of rainfall was recorded 27.0 mm at Jacobabad & lowest minimum temperature recorded 7.5°C at Padidan.

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

Moderate to heavy rainfall was reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 10.7°C & 2.3°C respectively. For the present season average 34.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 72% and wind speed in the morning/evening recorded 0.8/1.6Knots. During the previous week the highest amount of rainfall was recorded 118.3mm at Rawalakot & lowest minimum temperature recorded -6.6°C at Astore.

**Balochistan**

Light to moderate rainfall was reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 21.7°C & 8.7°C respectively. For the present season average 81.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 2.4/5.6Knots. During the previous week the highest amount of rainfall was recorded 18.0mm at Zhob & the lowest minimum temperature recorded -5.5°C at Kalat.

**Khyber Pakhtunkhwa**

Moderate to heavy rainfall was reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 11.9°C & 3.5°C respectively. For the present season average 29.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 82% and wind speed in the morning/evening recorded 0.8/1.8Knots. During the previous week the highest amount of rainfall was recorded 200.3mm at Parachinar & lowest minimum temperature recorded -5.0°C at Kalam.

**Past Weather for Major Agricultural Plains  
(From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 149.9mm during the week; however cloudiness in the morning/evening recorded 5.6/6.6Oktas while, average relative humidity observed 88%.Mean night time temperature recorded 7.8°C &for the present season 47.3 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 40.2 mm during the week; however cloudiness in the morning/evening recorded 4.0/5.4Oktas while average relative humidity observed as 74%.Mean night time temperature recorded 10.0°C &for the present season 68.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/.07Knots.

**Quetta (Northern Balochistan)**

Rainfall reported as 7.2 mm during the week; however cloudiness in the morning/evening recorded 3.3/4.7Oktas while, average relative humidity observed as 45%.Mean night time temperature recorded 3.1°C for the present season 26.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.7/5.0 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.1/2.1Oktas while, average relative humidity observed as 67%.Mean night time temperature recorded 9.2°C& for the present season 81.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.1Knots.

**Tandojam (Lower Singh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/2.6 Oktas while average relative humidity observed as 61%.Mean night time temperature recorded 12.5°C &for the present season 109.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.3/0.9Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)****Multan**

Rainfall reported as 9.3mm during the week; however cloudiness in the morning/evening recorded 3.3/3.6 Oktas while, average relative humidity observed as 74%.Mean night time temperature recorded 10.8°C&for the present season 78.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/6.6Knots.

**Rohri**

Rainfall reported as 3.0mm during the week; however cloudiness in the morning/evening recorded 1.0/1.3Oktas while, average relative humidity observed as 65%.Mean night time temperature recorded 12.9°C&for the present season 100.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/2.9Knots.

**Lahore**

Rainfall reported as 27.7mm during the week; however cloudiness in the morning/evening recorded 3.7/5.1Oktas while, average relative humidity observed as 76%.Mean night time temperature recorded 10.1°C&for the present season 69.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/3.7Knots.

**Zhob**

Rainfall reported as 18.0mm during the week; however cloudiness in the morning/evening recorded 4.4/4.0Oktas while, average relative humidity observed as 55%.Mean night time temperature recorded 4.9°C&for the present season 36.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.8/9.0Knots.

**D.I. Khan**

Rainfall reported as 39.1mm during the week; however cloudiness in the morning/evening recorded 6.1/5.9Oktas while, average relative humidity observed as 82%.Mean night time temperature recorded 9.1°C&for the present season 65.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.1Knots.

**Peshawar**

Rainfall reported as 73.9mm during the week; however cloudiness in the morning/evening recorded 6.4/6.7Oktas while, average relative humidity observed as 88%.Mean night time temperature recorded 8.3°C &for the present season 50.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/3.1Knots.

**Murree**

Rainfall reported as 71.8mm during the week; however cloudiness in the morning/evening recorded 5.6/6.4Oktas while, average relative humidity observed as 85%.Mean night time temperature recorded -0.3°C. Wind speed recorded in the morning/evening as 4.1/5.6Knots.

**Kalam**

Rainfall reported as 58.0 mm during the week; however cloudiness in the morning/evening recorded 6.6/7.7Oktas while, average relative humidity observed as 87%.Mean night time temperature recorded -2.7°C by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0Knots.

**Gilgit**

Rainfall reported as 0.3mm during the week; however cloudiness in the morning/evening recorded 6.1/6.6Oktas while, average relative humidity observed as 59%.Mean night time temperature recorded 2.7°C&for the present season 20.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.9/2.3Knots.

**Skardu**

Rainfall reported as 2.5mm during the week; however cloudiness in the morning/evening recorded 6.6/6.6 Oktas while, average relative humidity observed as 65%.Mean night time temperature recorded -1.2°C by the end of last week. Wind speed recorded in the morning/evening 0.0/0.9 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 RAMC Rawalpindi.

**Wheat Chakwal 97:** Poor condition at *Nine Leaf* stage.

**Central Punjab (Faisalabad)**

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

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

**Lower Sindh (Tandojam)**

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

**Wheat TJ 83:** Good condition at *Wax* maturity stage.

**Northern Balochistan (Quetta)**

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

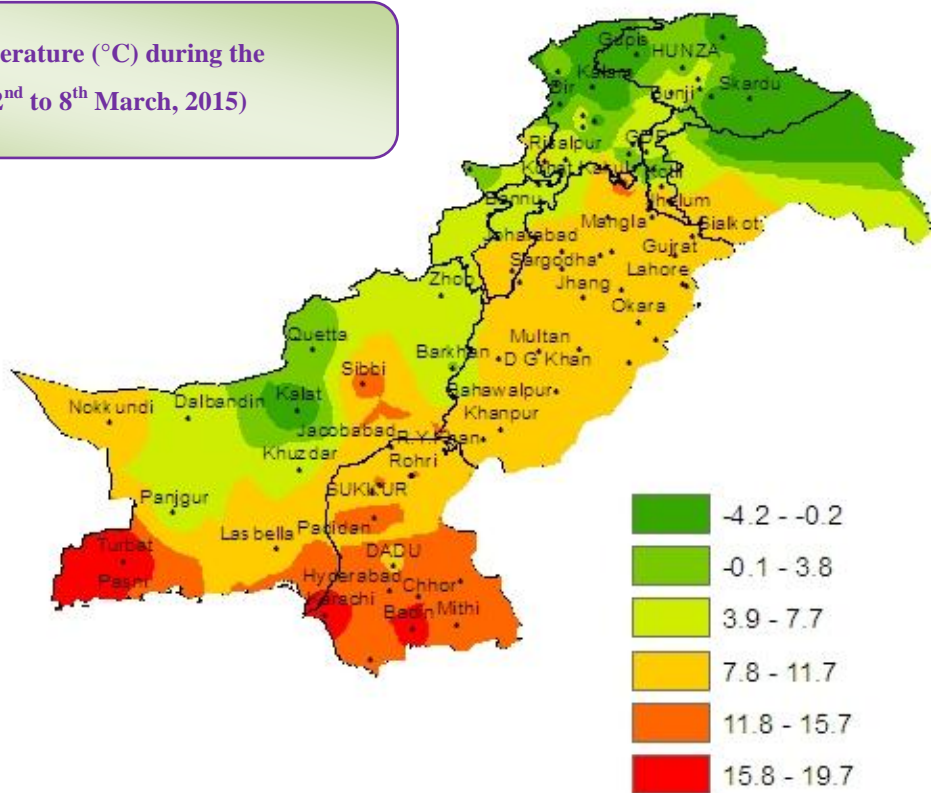
**Wheat:** Good condition at *Tillering* stage.

**Eastern Balochistan (Usta Muhammad)**

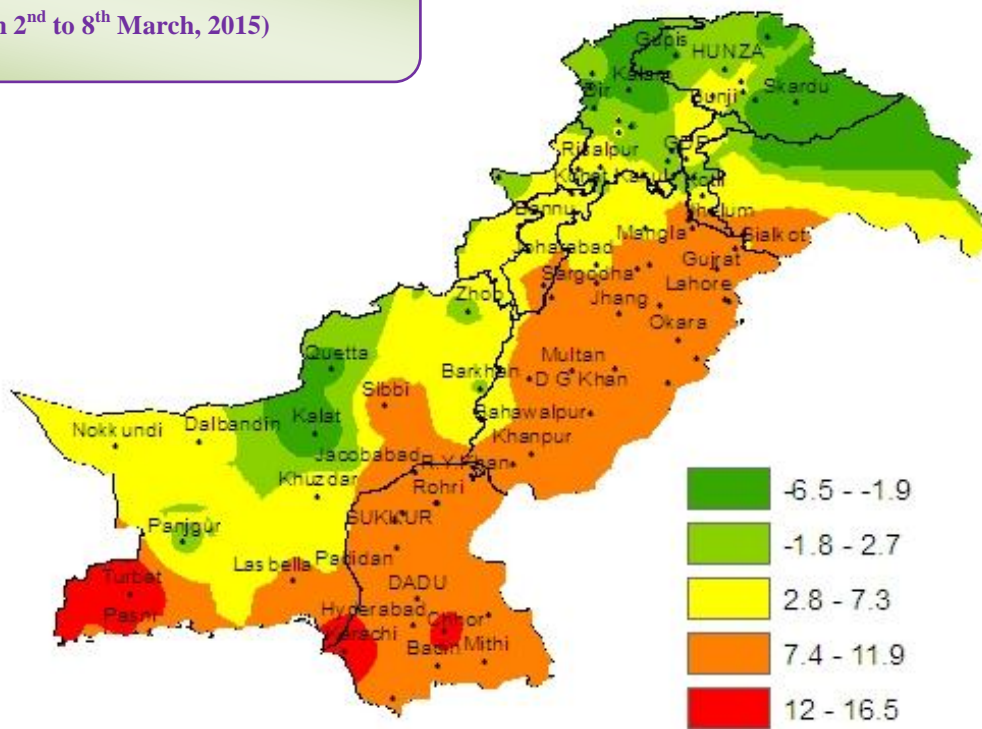
There is presently one crop grown in the fields of RAMC Usta Muhammad.

**Wheat:** Good condition at *Heading* completed.

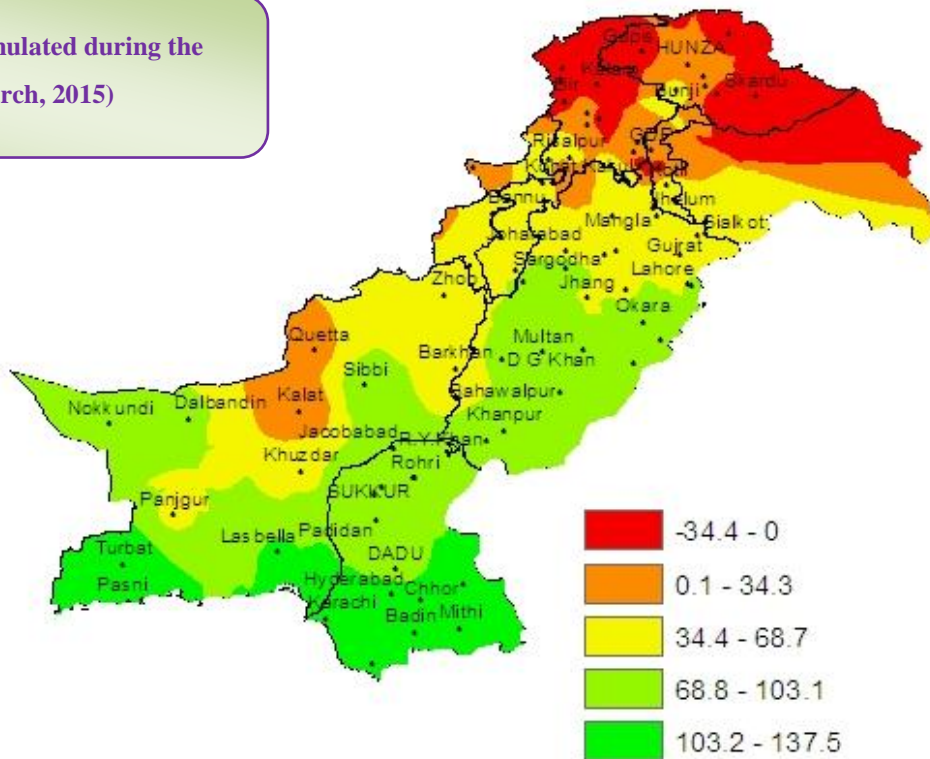
Mean Minimum Temperature (°C) during the Previous week (From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)



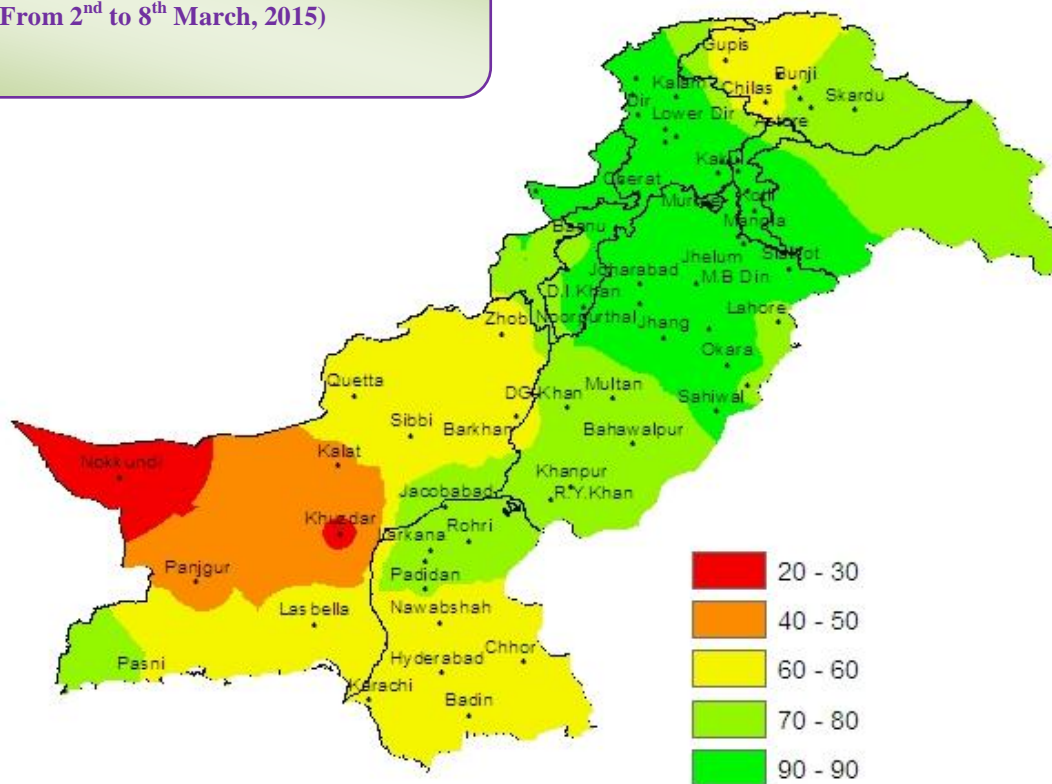
Lowest Minimum Temperature (°C) during the Previous week (From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)



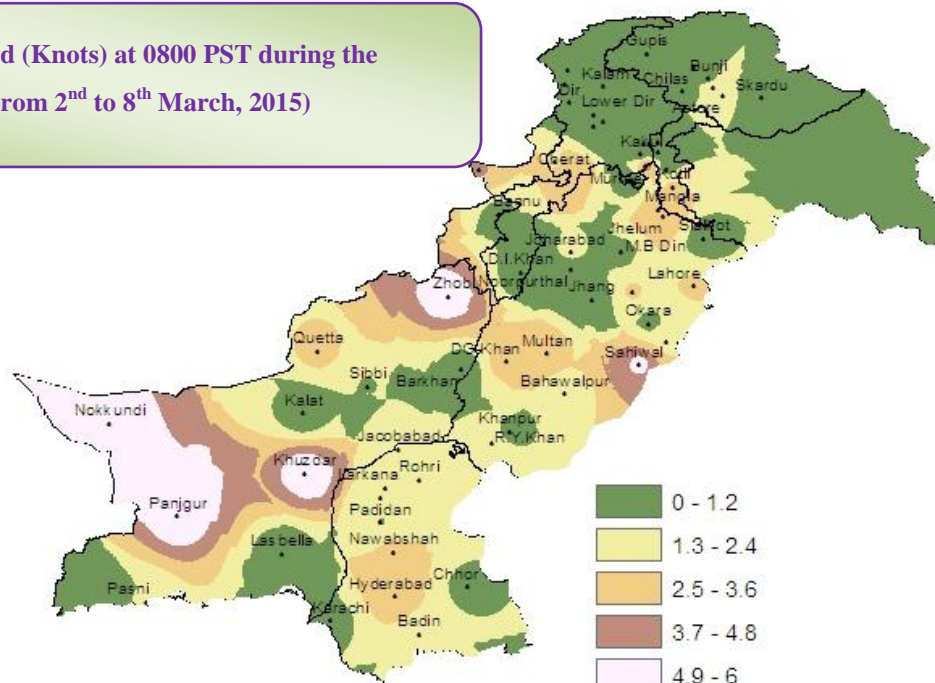
Total Growing Degree Days accumulated during the Previous week (From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)



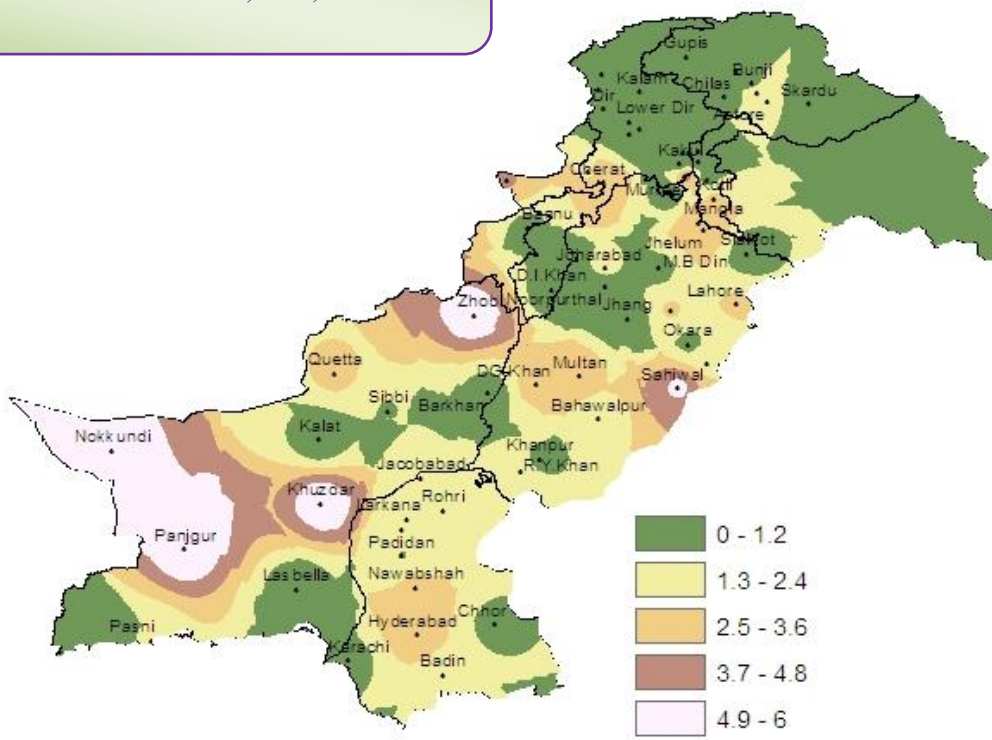
Mean Relative Humidity (%) during the Previous week (From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)



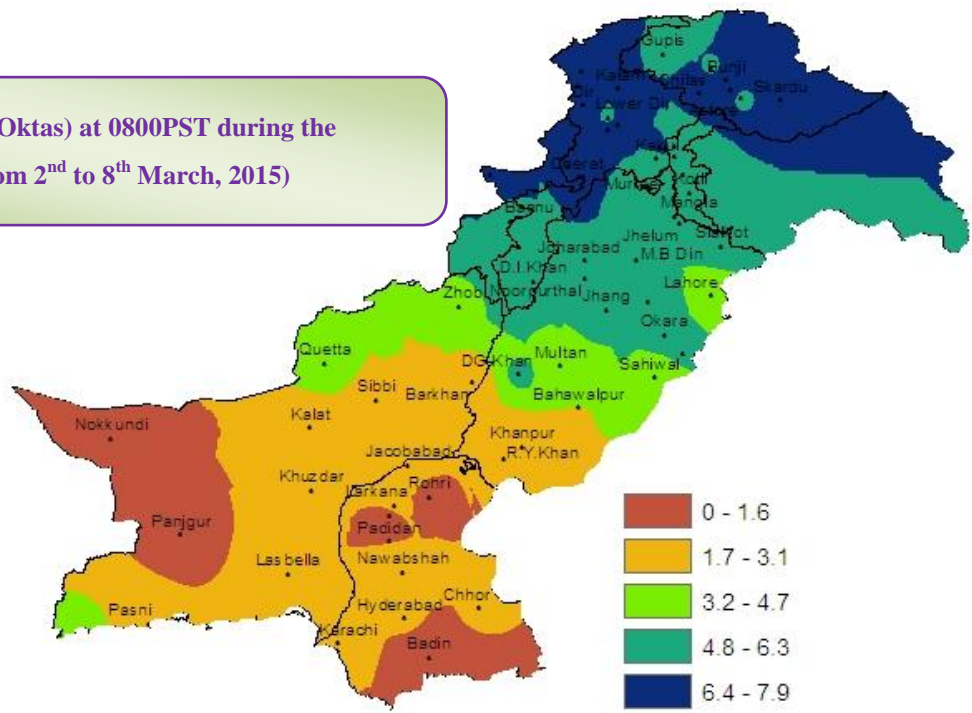
Mean Wind Speed (Knots) at 0800 PST during the Previous week (From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)



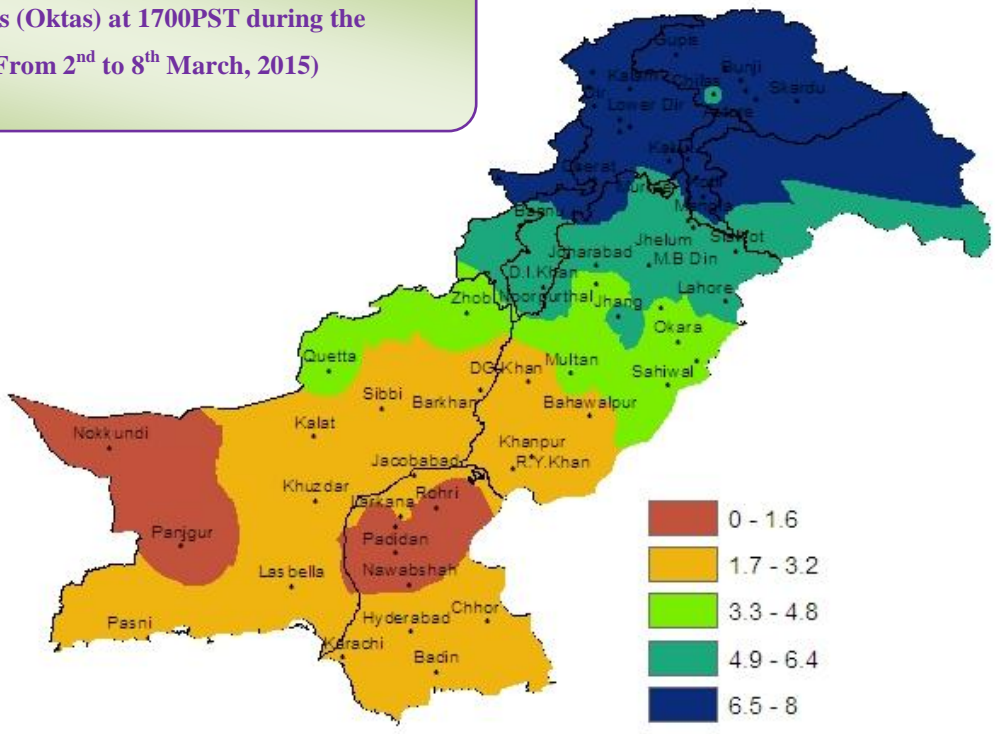
Mean Wind Speed (Knots) at 1700 PST during the Previous week (From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)





**Weekly Weather Advisory for Farmers**  
**(From 9<sup>th</sup> to 15<sup>th</sup> March, 2015)**

A shallow westerly wave is affecting northern parts of the country and its adjoining areas and likely to move eastward during the 12 hours. Continental air would prevail in plain areas of the country.

**MONDAY**

**09-03-2015**

Mainly dry weather is expected in most parts of the country; however rain-thunderstorm is expected at isolated places in Kashmir and its adjoining hilly areas during evening/night.

**TUESDAY**

**10-03-2015**

Mainly cold and dry weather is expected in most parts of the country.

**WEDNESDAY**

**11-03-2015**

Mainly dry weather is expected in most parts of the country. However rain-thunderstorm is expected at isolated places in Western parts of Balochistan, Malakand division and Gilgit-Baltistan.

**THURSDAY**

**12-03-2015**

Mainly dry weather is expected in most parts of the country. However rain-thunderstorm is expected at scattered places in Quetta, Zhob, Makran divisions, while at isolated places in Upper FATA, Malakand division and Gilgit-Baltistan.

**FRIDAY**

**13-03-2015**

Partly cloudy weather conditions are expected in Sindh, Balochistan and upper parts of the country, however rain-thunderstorm is expected at isolated places in Makran, Kalat, Hyderabad, Larkana, Sukkur, Malakand, Hazara, Gilgit-Baltistan and Kashmir. Dry weather elsewhere in the country.

**SATURDAY**

**14-03-2015**

Partly cloudy weather conditions are expected in Upper parts of the country; however rain-thunderstorm is expected at isolated places in Malakand, Hazara, Lahore, Gujranwala, Rawalpindi divisions, Gilgit-Baltistan and Kashmir. Dry weather elsewhere in the country.

**SUNDAY**

**15-03-2015**

Partly cloudy weather conditions are expected in Upper parts of the country, however rain-thunderstorm is expected at isolated places in Hazara, Lahore, Gujranwala, Rawalpindi divisions, Kashmir and Gilgit-Baltistan. Dry weather elsewhere in the country.

**.Advises for Crops**

- Farmers of irrigated areas are advised to irrigate wheat crop due to expected dry weather. First irrigation should be given after 20 – 24 days after cultivation.
- Farmers should in time precautionary measures to protect orchards and other sensitive standing crops from frost especially in plain areas.

**National Weather Data of Selected Cities****(Weekly Data From 2<sup>nd</sup> to 8<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	-4.3	-6.6	-35.3	74	0	6.0	6.9	1.4	2.9
Badin	16.4	11.5	123.8	56	0	0.3	2.1	1.4	3.1
Bahawalnagar	11.0	9.5	77.7	78	7.1	3.6	4.0	5.1	3.1
Bahawalpur	10.8	8.8	77.2	71	16.1	3.1	3.0	1.4	1.4
Balakot	4.6	2.1	30.8	79	58	7.3	7.7	0.0	2.1
Bannu	6.1	4.8	48.3	73	48.5	5.6	5.7	0.9	3.7
Barkhan	3.6	2.5	35.8	55	5	1.9	2.6	0.3	2.3
Bunji	5.0	3.1	27.3	61	13.7	6.6	7.1	0.9	0.9
Cherat	2.9	1	2.7	93	89	6.6	7.1	3.4	3.4
Chhor	14.0	10	117.7	59	0	1.8	2.9	0.8	5.4
Chilas	5.8	5	37.7	57	6.1	7.0	6.3	0.9	2.9
Chitral	0.9	-0.8	-5.2	82	35.1	7.6	8.0	0.0	0.9
D.I.Khan	9.1	7.5	65.0	82	39.1	6.1	5.9	0.3	1.1
DG.Khan	11.0	9.7	80.9	72	5.7	5.1	2.3	3.1	5.4
Dir	-1.0	-2	-11.1	86	121	7.3	7.9	0.0	1.1
Drosh	-2.3	-2.8	-17.6	79	38.9	7.9	7.4	0.0	3.7
Faisalabad	9.5	7.5	68.6	74	40.2	4.0	5.4	0.7	0.7
Garidopatta	6.5	5.5	33.3	87	109	6.3	7.4	0.0	0.6
Gawader	16.1	11	117.2	65	0	3.3	3.2	0.0	9.0
Gilgit	2.7	2	20.9	59	0.3	6.1	6.9	0.9	2.3

Gupis	-1.3	-2	-12.7	57	3	6.0	7.0	1.1	1.7
Hyderabad	14.8	9.5	116.2	57	0	1.8	2.6	3.6	6.9
Islamabad	7.7	5.7	50.4	89	129.3	5.4	5.7	0.0	1.1
Jacobabad	11.2	8	89.1	69	27	2.6	2.0	1.7	2.3
Jhang	8.6	7.6	68.4	82	34.7	6.0	5.0	0.3	1.7
Jhelum	10.2	8.3	64.9	81	44.7	5.3	6.3	3.1	4.0
Jiwani	16.3	14.5	116.3	63	0	3.2	2.1	1.0	6.6
Joharabad	9.4	7	61.2	89	67.3	6.3	5.7	1.7	2.6
Kakul	2.6	0.5	13.3	91	89.5	5.7	7.0	0.0	0.3
Kalam	-2.7	-5	-27.0	87	58	6.6	7.7	0.0	0.0
Kalat	-2.9	-5.5	4.8	46	0.9	2.3	2.3	0.0	1.7
Karachi	16.6	14	121.2	55	0	2.3	2.9	0.7	10.9
Khanpur	11.0	9	82.9	74	9.2	1.6	1.9	0.9	4.0
Khuzdar	7.4	5.5	61.3	29	1.1	2.7	2.1	6.0	8.0
Kotli	8.2	6.1	50.0	78	76	5.4	6.9	2.6	2.0
Lahore	10.1	8.5	69.6	76	27.7	3.7	5.1	2.6	3.7
Larkana	11.9	9	94.0	64	3.1	2.3	1.7	2.0	4.0
Lasbella	11.2	7.5	104.6	53	0	3.1	2.1	0.0	4.3
Lower Dir	4.7	3	28.8	80	102	6.0	6.4	0.0	1.4
M.B Din	10.5	9	-31.8	85	50.4	5.4	5.9	0.9	2.0
Malam Jabba	-2.4	-3	66.1	79	160	6.7	7.4	0.0	0.0
Mangla	9.7	7.8	59.9	81	67.8	5.4	6.3	3.4	5.4
Mir Khani	4.2	3.5	30.2	66	16.2	7.1	7.0	1.8	2.3
Moinjodaro	11.4	9	99.3	63	0	1.0	1.3	2.4	4.9
Multan	10.8	10	78.3	74	9.3	3.3	3.6	3.1	6.6
Murree	-0.3	-1.8	-17.4	85	71.8	5.6	6.4	4.1	5.6

Muzaffarabad	5.4	3	35.1	81	92	5.7	7.4	0.0	2.7
Nokkundi	9.1	4.5	84.5	15	0	0.0	0.0	5.1	3.1
Noorpurthal	10.2	7.5	74.0	84	32.5	5.1	3.3	0.0	0.0
Okara	10.8	9.5	76.5	80	36.7	5.7	4.6	0.9	2.6
Padidan	11.9	7.5	100.7	63	0	1.6	0.9	1.1	2.0
Panjgur	5.8	2	62.3	44	0	0.3	1.0	6.0	15.1
Parachinar	0.3	-0.6	4.2	88	200.3	7.9	7.8	3.7	3.3
Pasni	14.7	11	110.1	61	0	2.5	2.9	1.3	6.9
Peshawar	8.3	6.5	50.4	88	73.9	6.4	6.7	2.3	3.1
Quetta	3.1	-1.4	26.6	45	7.2	3.3	4.7	3.7	5.0
R.Y.Khan	11.6	9	85.7	69	19.6	2.2	1.7	2.0	3.7
Rawalakot	0.1	-1.2	-7.5	93	118.3	5.3	7.1	0.9	1.1
Rohri	12.9	9	100.7	65	3	1.0	1.3	2.0	2.9
Rawalpindi	7.8	7.8	88.3	88	144.9	5.6	6.6	0.3	0.5
Sahiwal	8.8	7.5	68.9	77	14	4.9	3.4	2.0	1.4
Saidu Sharif	4.7	3.5	22.6	83	77	6.9	6.7	0.0	0.6
Sialkot	10.2	8.4	62.7	82	75.4	5.4	5.7	0.3	0.9
Sibbi	12.6	10	90.7	53	1.1	2.5	2.0	1.2	2.0
Skardu	-1.2	-2.2	-9.3	65	2.5	6.6	6.6	0.0	0.9
Tandojam	28.8	6.5	109.5	61	0	0.0	1.7	0.3	0.9
Usta.M	9.2	6.5	81.9	67	0	2.1	2.1	0.0	0.1
Zhob	4.9	2.5	36.8	55	18	4.4	4.0	5.8	9.0

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