

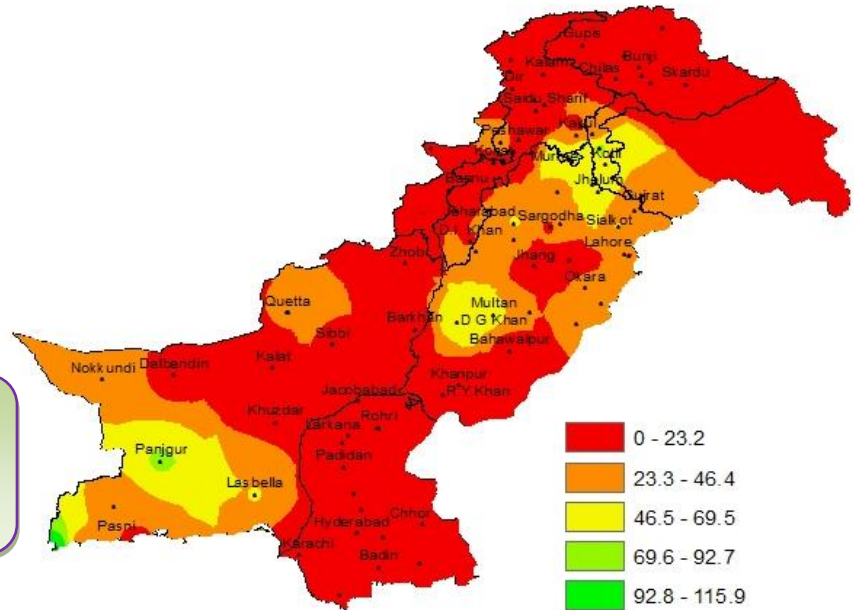
# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 9<sup>th</sup> to 15<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 9<sup>th</sup> to 15<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 was reported at many places in Khyber Pakhtunkhwa, Balochistan, Sindh, Punjab and Gilgit-Baltistan & Kashmir regions.

**Past Weather of Provinces (From 9<sup>th</sup> to 15<sup>th</sup>****March 2015)****Punjab**

Light to Moderate rainfall was reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 23.8°C & 10.1°C respectively. For the present season average 83.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 51% and wind speed in the morning/evening 1.6/3.4Knots. During the previous week the highest amount of rainfall was recorded 67.0mm at Islamabad & lowest minimum temperature was recorded -2.0°C at Murree.

**Sindh**

Light to moderate rainfall was reported at many places in Sindh during the week. Weekly maximum and minimum temperatures recorded 27.7°C & 13.2°C respectively. For the present season average 107.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 55% and wind speed in the morning/evening recorded 0.8/1.8Knots. During the previous week the highest amount of rainfall was recorded 22.1 mm at Larkana & lowest minimum temperature recorded 8.0°C at Jacobabad.

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

Light to moderate rainfall was reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 17.7°C & 4.0°C respectively. For the present season average 45.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 49% and wind speed in the morning/evening recorded 1.2/2.7Knots. During the previous week the highest amount of rainfall was recorded 73.0mm at Rawalakot & lowest minimum recorded -3.6°C at Astore.

**Balochistan**

Light to moderate rainfall was reported at many places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 21.5°C & 8.7°C respectively. For the present season average 68.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 61% and wind speed in the morning/evening recorded 0.8/1.8Knots. During the previous week the highest amount of rainfall was recorded 116.0mm at Jiwani & the lowest minimum temperature recorded -4.5°C at Kalat.

**Khyber Pakhtunkhwa**

Light to moderate rainfall was reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 19.4°C & 5.1°C respectively. For the present season average 49.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 59% and wind speed in the morning/evening recorded 1.1/1.9Knots. During the previous week the highest amount of rainfall was recorded 36.7mm at Peshawar & lowest minimum temperature recorded -6.0°C at Kalam.

**Past Weather for Major Agricultural Plains  
(From 9<sup>th</sup> to 15<sup>th</sup> March, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 48.4mm during the week; however cloudiness in the morning/evening recorded 2.7/3.1Oktas while, average relative humidity observed 64%.Mean night time temperature recorded 9.4°C & for the present season 78.8 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 5.2 mm during the week; however cloudiness in the morning/evening recorded 3.6/3.4Oktas while average relative humidity observed as 63%.Mean night time temperature recorded 10.5°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 0.5/1.1Knots.

**Quetta (Northern Balochistan)**

Rainfall reported as 47.3 mm during the week; however cloudiness in the morning/evening recorded 5.1/5.9Oktas while, average relative humidity observed as 44%.Mean night time temperature recorded 3.4°C & for the present season 27.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.8/2.9 Knots.

**Usta Muhammad (Eastern Balochistan)**

Rainfall reported as 0.5 mm during the week; however cloudiness in the morning/evening recorded 3.3/5.7Oktas while, average relative humidity observed as 54%.Mean night time temperature recorded 10.9°C & for the present season 86.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.1Knots.

**Tandojam (Lower Singh)**

Rainfall reported as Trace(Not Measureable) during the week; however cloudiness in the morning/evening recorded 2.6/1.9 Oktas while average relative humidity observed as 50%.Mean night time temperature recorded 10.0°C & for the present season 99.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.8/1.8Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 9<sup>th</sup> to 15<sup>th</sup> March, 2015)****Multan**

Rainfall reported as 55.1mm during the week; however cloudiness in the morning/evening recorded 1.8/3.3 Oktas while, average relative humidity observed as 56%.Mean night time temperature recorded 11.6°C & for the present season 93.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.0/3.0Knots.

**Rohri**

Rainfall reported as 9.5mm during the week; however cloudiness in the morning/evening recorded 5.3/3.8Oktas while, average relative humidity observed as 62%.Mean night time temperature recorded 14.1°C & for the present season 101.5growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.0Knots.

**Lahore**

Rainfall reported as 21.7mm during the week; however cloudiness in the morning/evening recorded 4.8/3.3Oktas while, average relative humidity observed as 48%.Mean night time temperature recorded 11.9°C & for the present season 91.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.3/1.0Knots.

**Zhob**

Dry Weather was reported during the week; however cloudiness in the morning/evening recorded 5.5/4.0Oktas while, average relative humidity observed as 48%.Mean night time temperature recorded 5.2°C & for the present season 43.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0Knots.

**D.I. Khan**

Rainfall reported as 17.0mm during the week; however cloudiness in the morning/evening recorded 0.0/1.5Oktas while, average relative humidity observed as 69%.Mean night time temperature recorded 8.6°C & for the present season 82.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.5/1.5Knots.

**Peshawar**

Rainfall reported as 36.7mm during the week; however cloudiness in the morning/evening recorded 0.0/2.3Oktas while, average relative humidity observed as 45%.Mean night time temperature recorded 9.6°C & for the present season 83.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.5Knots.

**Murree**

Rainfall reported as 60.0mm during the week; however cloudiness in the morning/evening recorded 2.8/2.8Oktas while, average relative humidity observed as 54%.Mean night time temperature recorded 2.7°C & for the present season 19.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.0Knots.

**Kalam**

Rainfall reported as 7.0 mm during the week; however cloudiness in the morning/evening recorded 4.0/5.8Oktas while, average relative humidity observed as 79%.Mean night time temperature recorded -2.1°C & for the present season 8.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.0Knots.

**Gilgit**

Dry Weather was reported during the week; however cloudiness in the morning/evening recorded 4.3/1.8Oktas while, average relative humidity observed as 56%.Mean night time temperature recorded 4.0°C & for the present season 47.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 3.0/4.8Knots.

**Skardu**

Dry Weather was reported as during the week; however cloudiness in the morning/evening recorded 0.0/1.0 Oktas while, average relative humidity observed as 42%.Mean night time temperature recorded 1.0°C & for the present season 13.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.0 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 *Flowering* stage.

**Central Punjab (Faisalabad)**

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

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

**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.

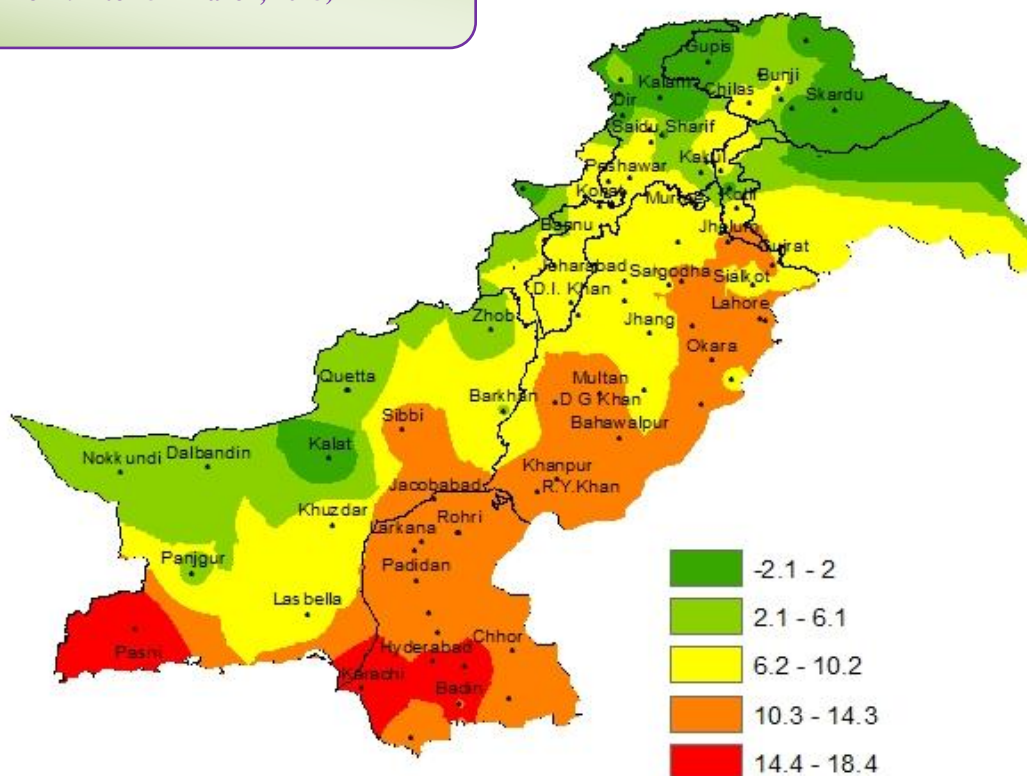
**Wheat:** Good condition at *Flowering* stage.

**Eastern Balochistan (Usta Muhammad)**

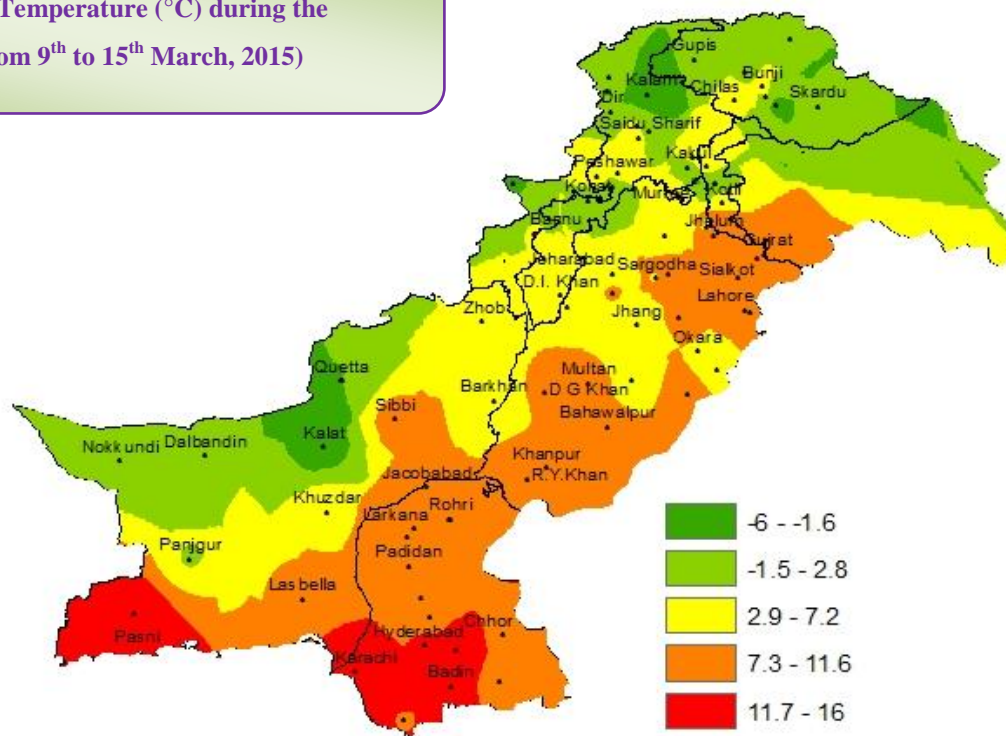
There is presently one crop grown in the fields of RAMC Usta Muhammad.

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

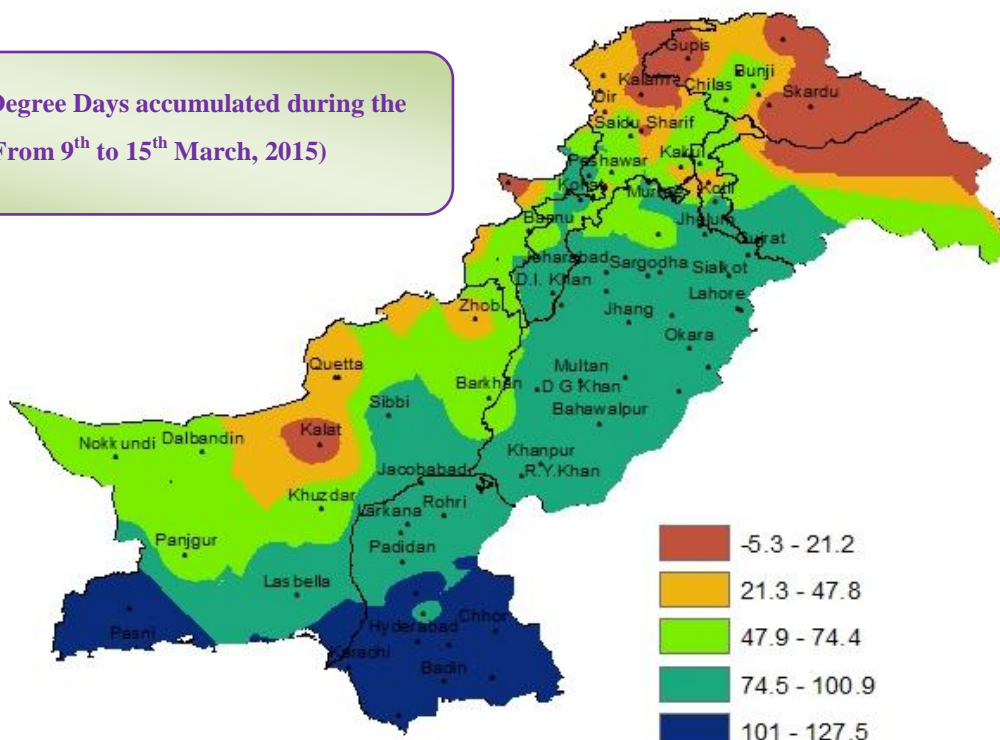
Mean Minimum Temperature (°C) during the Previous week (From 9<sup>th</sup> to 15<sup>th</sup> March, 2015)



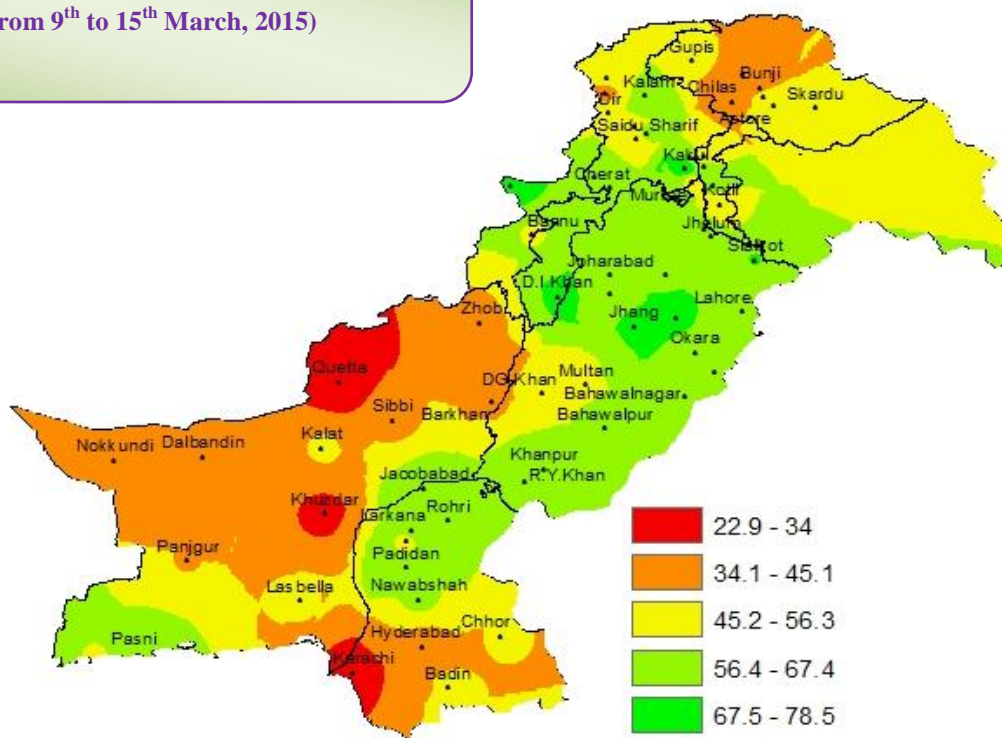
Lowest Minimum Temperature (°C) during the Previous week (From 9<sup>th</sup> to 15<sup>th</sup> March, 2015)



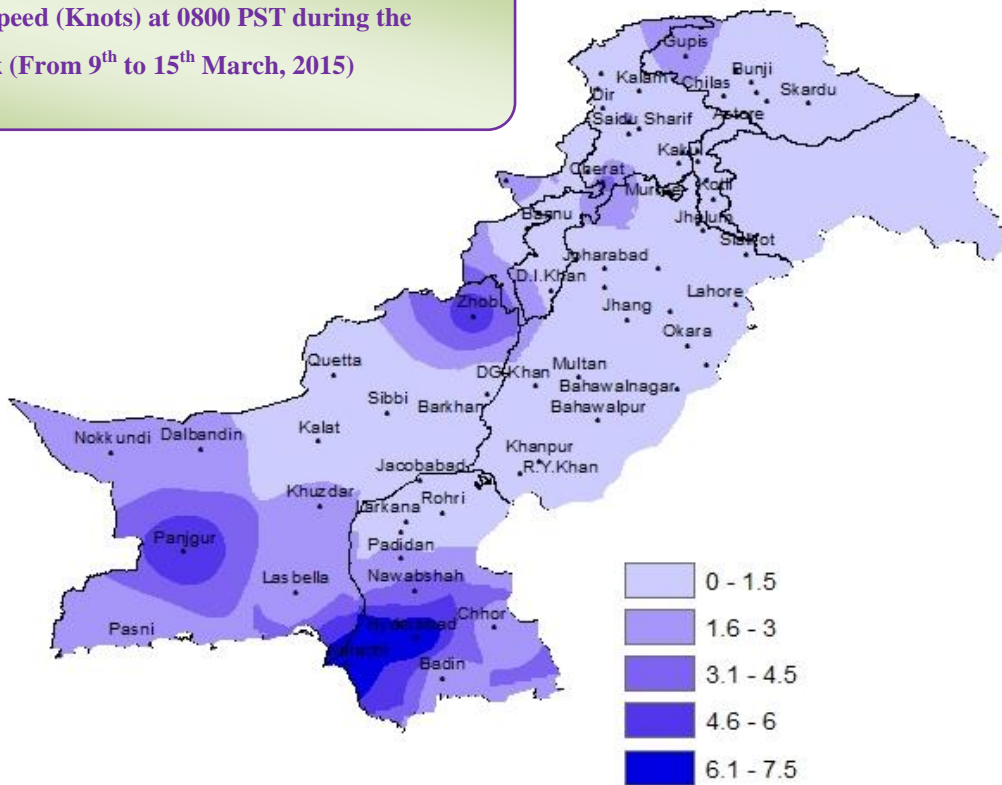
Total Growing Degree Days accumulated during the Previous week (From 9<sup>th</sup> to 15<sup>th</sup> March, 2015)



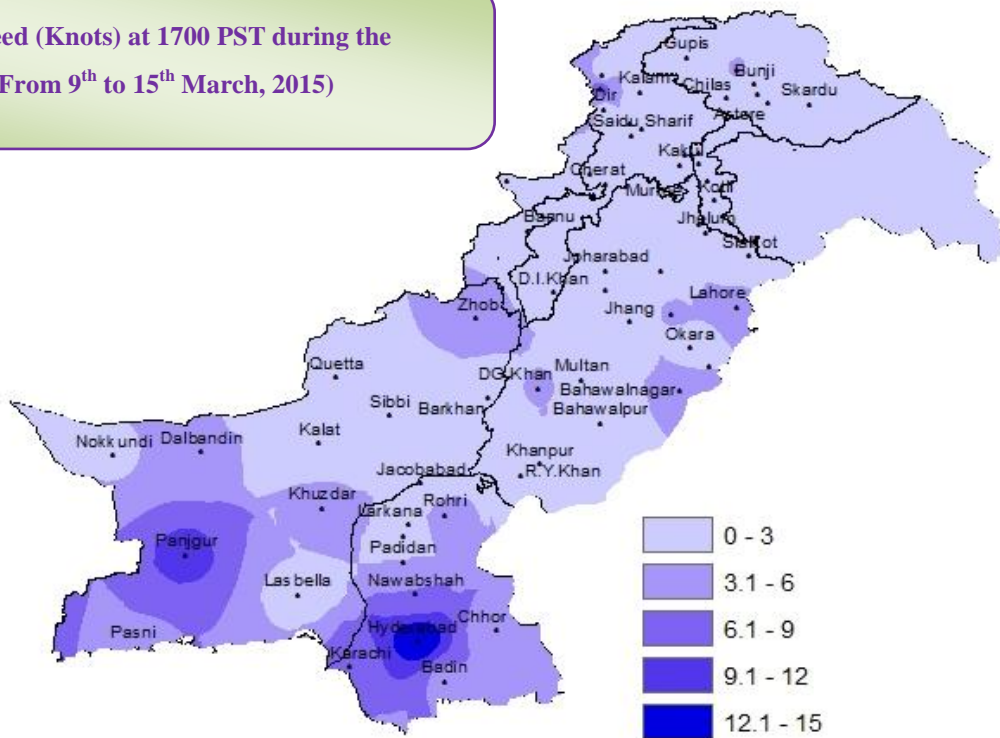
Mean Relative Humidity (%) during the Previous week (From 9<sup>th</sup> to 15<sup>th</sup> March, 2015)



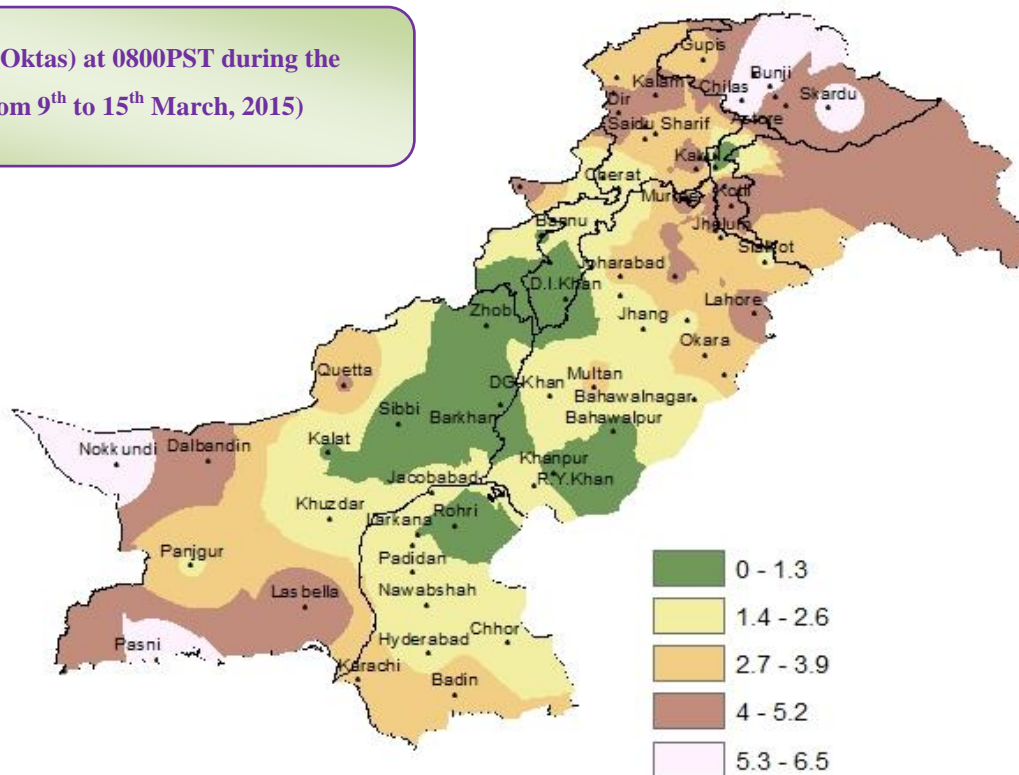
Mean Wind Speed (Knots) at 0800 PST during the Previous week (From 9<sup>th</sup> to 15<sup>th</sup> March, 2015)



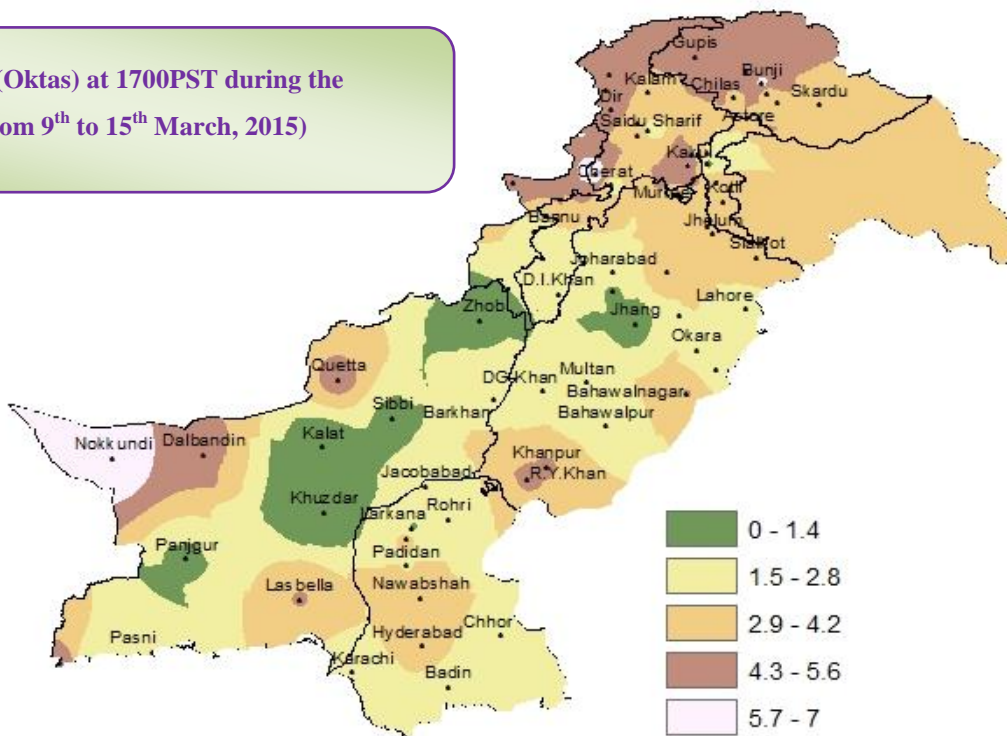
Mean Wind Speed (Knots) at 1700 PST during the Previous week (From 9<sup>th</sup> to 15<sup>th</sup> March, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (From 9<sup>th</sup> to 15<sup>th</sup> March, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (From 9<sup>th</sup> to 15<sup>th</sup> March, 2015)





**Weekly Weather Advisory for Farmers**  
**(From 16<sup>th</sup> to 21<sup>th</sup> March, 2015)**

A western disturbance is affecting upper and central parts of the country and likely to persist during next 24 to 36 hours.

**MONDAY**  
**16-03-2015**

Mainly dry weather is expected in most parts of the country, however rain-thundershower is expected at isolated places in Islamabad, Rawalpindi, Gujranwala, Lahore, Malakand, Hazara, Peshawar, Kohat divisions, Kashmir and Gilgit-Baltistan.

**TUESDAY**  
**17-03-2015**

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

**WEDNESDAY**  
**18-03-2015**

Mainly dry weather is expected in most parts of the country

**THURSDAY**  
**19-03-2015**

Mainly dry weather is expected in most parts of the country

**FRIDAY**  
**20-03-2015**

Mainly dry weather is expected in most parts of the country

**.SATURDAY**  
**21-03-2015**

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

**Advises for Crops**

- Wheat crop is in flowering/milk maturity/wax 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.
  - Farmers of irrigated/ barani areas are advised to remove weeds from the fields, so that the present soil moisture may fully be utilized.
  - Farmers are advised to take up poultry rearing houses to maintain optimum room temperature and take care against the rapid changes in air temperature and relative humidity along the rains expected in the decade.
  - Farmers are advised to ensure field sanitation and spray prophylactic fungicidal sprays to prevent spread of diseases on vegetables.

**National Weather Data of Selected Cities****(Weekly Data From 9<sup>th</sup> to 15<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) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Lowest							
Astore	-1.7	-3.6	-6.1	47	1.0	4.3	4.0	1.5	3.0
Badin	14.3	13.0	117.5	47	6.0	3.5	2.0	2.0	4.5
Bahawalnagar	11.9	8.5	91.9	60	28.0	2.3	4.3	0.0	4.5
Bahawalpur	10.2	8.1	87.1	66	6.2	1.0	1.5	0.0	0.0
Balakot	6.9	4.2	62.9	61	17.0	4.3	4.0	0.0	0.0
Bannu	6.3	3.0	70.2	55	4.0	1.3	2.3	0.0	0.0
Barkhan	6.0	3.5	51.8	44	5.0	1.0	2.5	0.0	0.5
Bunji	7.6	3.6	58.6	35	0.0	6.0	6.0	1.5	0.5
Cherat	6.6	-0.5	41.8	60	20.0	1.5	2.3	3.5	2.0
Chhor	13.0	10.5	110.3	46	0.0	2.0	2.0	2.5	2.7
Chilas	7.4	4.3	64.5	40	0.0	5.5	4.0	0.0	1.0
Chitral	2.6	1.8	35.8	55	0.4	2.5	5.3	1.0	1.5
DG.Khan	12.1	8.5	95.9	44	66.5	4.3	4.5	2.0	3.5
D.I.Khan	8.6	4.5	82.0	69	17.0	0.0	1.5	1.5	1.5
Dir	0.9	-1.0	39.3	56	1.5	2.3	1.8	1.5	3.5
Drosh	0.8	-1.9	28.1	57	2.0	5.0	5.0	0.0	2.0
Faisalabad	10.5	7.3	81.9	63	5.2	3.6	3.4	0.5	1.1
Garidopatta	7.6	6.0	70.5	70	33.0	2.5	2.8	0.5	3.5
Gawader	15.9	14.5	123.5	64	30.0	1.0	1.0	0.0	0.5
Gilgit	4.0	2.0	47.0	56	0.0	4.3	1.8	3.0	4.8
Gupis	-0.4	-1.0	11.8	45	0.0	5.8	5.3	0.0	3.5

Hyderabad	15.4	12.5	118.3	45	0.1	3.5	4.8	3.0	1.5
Islamabad	8.5	5.5	74.7	38	50.0	2.3	3.5	7.5	15.0
Jacobabad	11.1	8.0	99.5	65	3.5	4.0	3.8	0.0	3.0
Jhang	8.5	4.6	80.5	63	10.2	1.8	2.5	0.0	0.5
Jhelum	10.9	9.4	91.1	69	51.1	2.3	1.0	0.0	0.0
Jiwani	16.1	16.0	109.3	59	116.0	3.5	3.0	1.0	1.0
Joharabad	9.6	6.0	83.4	63	49.0	4.8	5.3	3.0	8.0
Kakul	4.1	1.0	46.0	66	24.1	3.3	2.5	0.5	1.0
Kalam	-2.1	-6.0	8.3	79	7.0	4.0	5.8	0.0	1.0
KLT	-1.2	-4.5	9.3	63	0.5	4.5	3.8	0.0	0.0
Karachi	16.8	15.0	125.7	47	2.8	1.3	0.0	0.0	0.0
Khanpur	12.0	9.7	95.0	29	4.4	3.3	1.8	6.5	6.5
Khuzdar	8.5	6.0	62.8	65	21.1	1.0	4.3	0.0	2.5
Kotli	9.9	7.0	81.9	31	53.0	1.8	0.0	2.0	4.5
Lahore	11.9	9.0	91.6	48	21.7	4.8	3.3	1.3	1.0
Larkana	12.0	10.0	96.3	61	22.1	4.8	2.5	1.0	4.0
Lasbella	9.3	8.5	90.8	58	47.0	1.3	1.3	1.0	2.0
Lower Dir	7.9	3.0	73.5	47	9.0	5.0	4.3	2.0	1.5
Malam Jabba	0.9	-2.0	3.0	66	23.0	4.0	3.8	1.0	1.0
M.B Din	11.3	9.5	89.8	54	47.0	4.3	3.5	2.0	2.0
Mangla	9.9	6.7	82.8	59	62.0	2.8	2.3	0.5	0.0
Mir Khani	4.8	3.0	47.4	59	1.4	4.0	3.8	0.0	0.0
Moinjodaro	11.5	9.0	95.4	54	0.1	4.5	3.5	0.0	2.5
Multan	11.6	8.5	93.0	56	55.1	1.8	3.3	1.0	3.0
Murree	2.7	-2.0	19.8	54	60.0	2.8	2.8	0.0	2.0
Muzaffarabad	6.7	3.8	71.2	47	33.0	3.3	4.3	1.5	1.0

Nokkundi	5.9	2.0	56.3	59	41.3	2.0	3.5	4.0	6.0
Noorpurthal	10.1	7.5	91.1	37	27.7	6.0	7.0	2.0	2.5
Okara	11.0	7.2	89.4	63	27.8	1.8	1.3	0.0	0.0
Padidan	11.2	9.5	94.5	63	5.7	3.0	2.5	0.0	2.0
Panjgur	5.5	2.5	61.0	57	72.0	2.3	2.8	2.0	3.0
Parachinar	-0.3	-2.0	1.8	45	12.0	2.5	1.3	5.5	10.0
Pasni	14.6	13.0	107.0	76	21.1	5.0	5.3	3.0	3.0
Peshawar	9.6	6.0	83.7	45	36.7	0.0	2.3	0.0	0.5
Quetta	3.4	-3.0	27.1	44	47.3	5.1	5.9	2.8	2.9
Rahim Yar Khan	11.7	9.5	95.2	23	4.9	4.7	4.8	0.7	0.5
Rawalakot	0.7	-2.0	24.2	63	73.0	1.7	4.3	1.3	2.0
Rohri	14.1	11.5	101.5	62	9.5	5.3	3.8	0.0	1.0
Rawalpindi	9.4	6.5	78.8	64	48.4	2.7	3.1	0.3	0.5
Sahiwal	9.9	5.8	83.0	60	33.1	0.8	1.5	1.5	4.0
Saidu Sharif	7.7	5.5	69.0	63	16.0	2.8	1.5	0.5	3.0
Sialkot	11.3	9.5	86.0	52	30.0	3.0	3.8	0.0	0.0
Sibbi	12.4	10.0	94.8	68	22.0	2.5	3.3	0.0	1.0
Skardu	1.0	-0.8	13.7	42	0.0	0.0	1.0	0.0	0.5
Tandojam	10.4	3.0	99.8	50	0.1	2.6	1.9	0.8	1.8
Usta.M	10.9	2.3	86.7	54	0.5	3.3	5.7	0.1	0.1
Zhob	5.2	3.0	43.8	48	0.0	5.5	4.0	0.0	0.0

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