

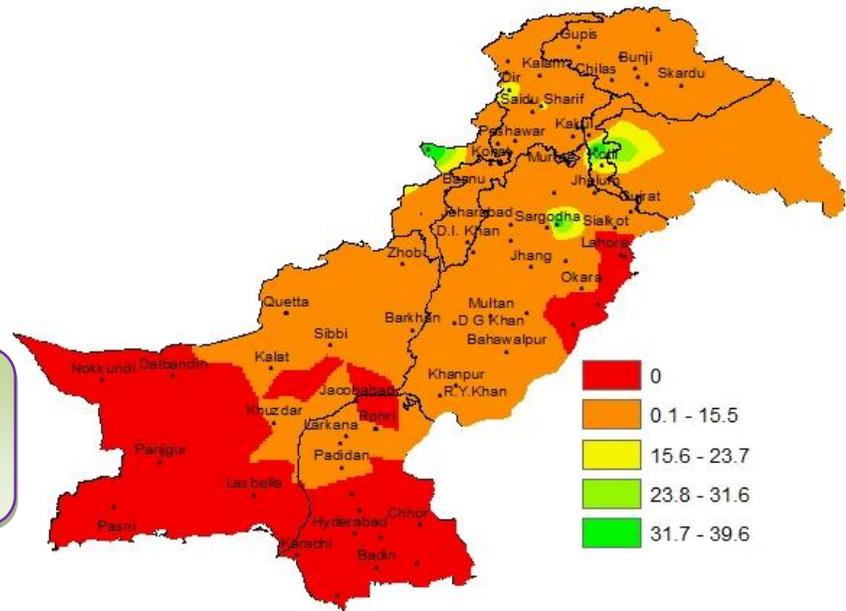
Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (From 16th to 22nd March, 2015)**



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Highlights of Past Weather (From 16th to 22nd 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 16th to 22nd**March 2015)****Punjab**

Light to Moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 26.6°C & 13.5°C respectively. For the present season average 105.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 69% and wind speed in the morning/evening 0.8/2.0Knots. During the previous week the highest amount of rainfall was recorded 36.3mm at Mandi-Bahu-Din & lowest minimum temperature was recorded 1.0°C at Murree.

Sindh

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 33.5°C & 17.2°C respectively. For the present season average 142.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 59% and wind speed in the morning/evening recorded 1.0/3.4Knots. During the previous week the highest amount of rainfall was recorded 0.1 mm at Larkana & lowest minimum temperature recorded 9.2°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 19.6°C & 5.5°C respectively. For the present season average 54.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 0.9/2.5Knots. During the previous week the highest amount of rainfall was recorded 40.0mm at Rawalakot & lowest minimum recorded -2.6°C at Astore.

Balochistan

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 26.9°C & 12.8°C respectively. For the present season average 108.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 51% and wind speed in the morning/evening recorded 0.9/4.9Knots. During the previous week the highest amount of rainfall was recorded 4.0mm at Quetta & the lowest minimum temperature recorded -1.0°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 21.2°C & 7.2°C respectively. For the present season average 59.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 61% and wind speed in the morning/evening recorded 1.1/2.0Knots. During the previous week the highest amount of rainfall was recorded 38.0mm at Parachinar & lowest minimum temperature recorded -4.0°C at Kalam.

Past Weather for Major Agricultural Plains
(From 16th to 22nd March, 2015)

Rawalpindi (Potohar region)

Rainfall reported as 7.8mm during the week; however cloudiness in the morning/evening recorded 3.2/1.4Oktas while, average relative humidity observed 65%.Mean night time temperature recorded 12.4°C & for the present season 96.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.5/1.1Knots.

Faisalabad (Central Punjab)

Rainfall reported as “Trace”(not measureable) during the week; however cloudiness in the morning/evening recorded 2.3/2.0 Oktas while, average relative humidity observed as 64%.Mean night time temperature recorded 13.7°C & for the present season 107.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.2Knots

Quetta (Northern Balochistan)

Rainfall reported as 11.6 mm during the week; however cloudiness in the morning/evening recorded 4.6/5.1Oktas while, average relative humidity observed as 57%.Mean night time temperature recorded 6.5°C & for the present season 51.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.9/2.9 Knots.

Usta Muhammad (Eastern Balochistan)

Dry Weather was reported during the week; however cloudiness in the morning/evening recorded 0.9/0.0Oktas while, average relative humidity observed as 51%.Mean night time temperature recorded 15.2°C & for the present season 120.6 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)

Dry Weather was reported during the week;; however cloudiness in the morning/evening recorded 0.0/0.3 Oktas while average relative humidity observed as 57%.Mean night time temperature recorded 16.1°C & for the present season 145.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.2/0.6Knots.

Past Weather for Sub-Regional Agricultural Plains (From 16th to 22nd March, 2015)

Multan

Rainfall reported as 55.1mm during the week; however cloudiness in the morning/evening recorded 2.4/3.6 Oktas while, average relative humidity observed as 70%.Mean night time temperature recorded 11.6°C & for the present season 118.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.1Knots.

Rohri

Rainfall reported as 9.5mm during the week; however cloudiness in the morning/evening recorded 0.4/0.4Oktas while, average relative humidity observed as 58%.Mean night time temperature recorded 14.1°C & for the present season 142.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/1.1Knots.

Lahore

Rainfall reported as 21.7mm during the week; however cloudiness in the morning/evening recorded 2.9/3.6Oktas while, average relative humidity observed as 64%.Mean night time temperature recorded 11.9°C & for the present season 112.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.9/4.3Knots.

Zhob

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 2.3/4.3Oktas while, average relative humidity observed as 39%.Mean night time temperature recorded 1.0°C & for the present season 69.0 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 1.0mm during the week; however cloudiness in the morning/evening recorded 2.1/2.7Oktas while, average relative humidity observed as 74%.Mean night time temperature recorded 8.6°C & for the present season 109.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.7Knots.

Peshawar

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 2.9/4.0Oktas while, average relative humidity observed as 69%.Mean night time temperature recorded 9.6°C & for the present season 107.0growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.7Knots.

Murree

Rainfall reported as 6.0mm during the week; however cloudiness in the morning/evening recorded 3.3/4.0Oktas while, average relative humidity observed as 61%.Mean night time temperature recorded 2.7°C & for the present season 35.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.1/2.4Knots.

Kalam

Rainfall reported as 3.0 mm during the week; however cloudiness in the morning/evening recorded 2.7/3.7Oktas while, average relative humidity observed as 63%.Mean night time temperature recorded -2.1°C & for the present season 20.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0Knots.

Gilgit

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 4.1/4.3Oktas while, average relative humidity observed as 38%.Mean night time temperature recorded 4.0°C & for the present season 58.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/6.0Knots.

Skardu

Dry Weather was reported as during the week; however cloudiness in the morning/evening recorded 4.9/4.1 Oktas while, average relative humidity observed as 45%.Mean night time temperature recorded 1.0°C & for the present season 24.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/2.7 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 *Teffling* 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 *Full Maturity* stage.

Northern Balochistan (Quetta)

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

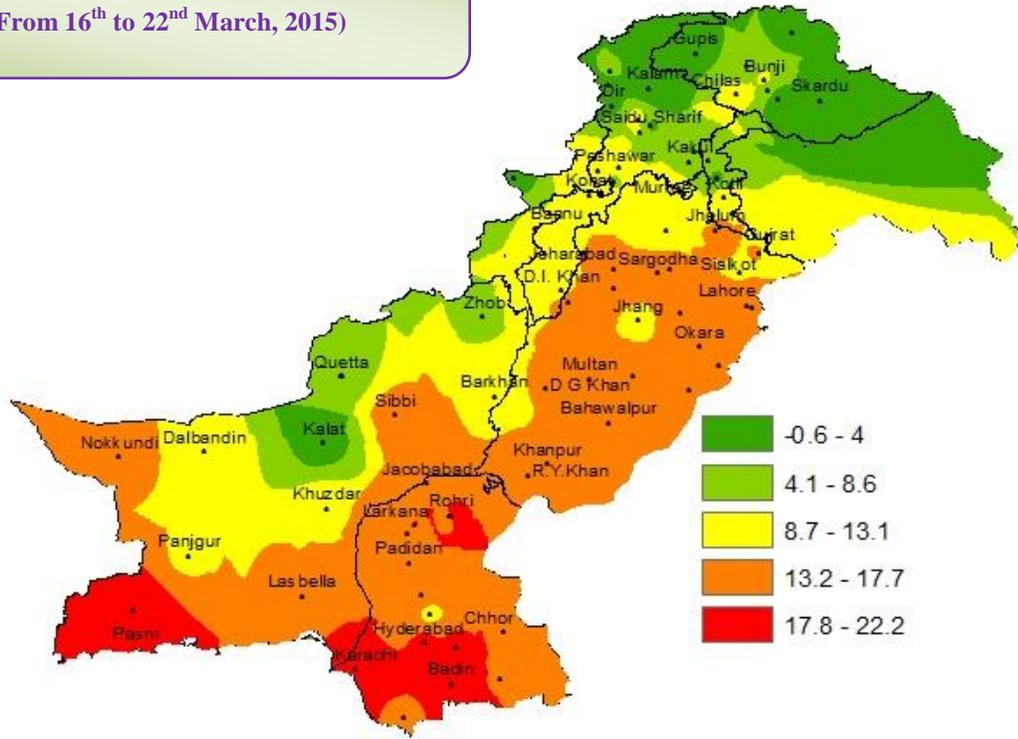
Wheat: Good condition at *Tessling* stage.

Eastern Balochistan (Usta Muhammad)

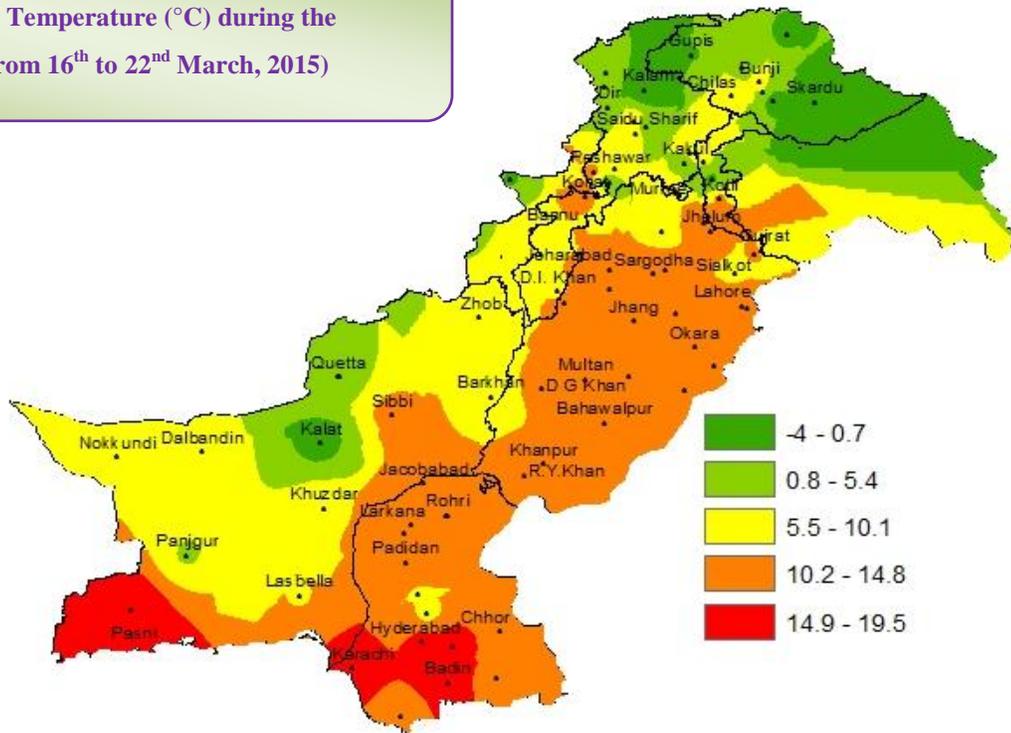
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Wheat: Good condition at *Wax Maturity* stage.

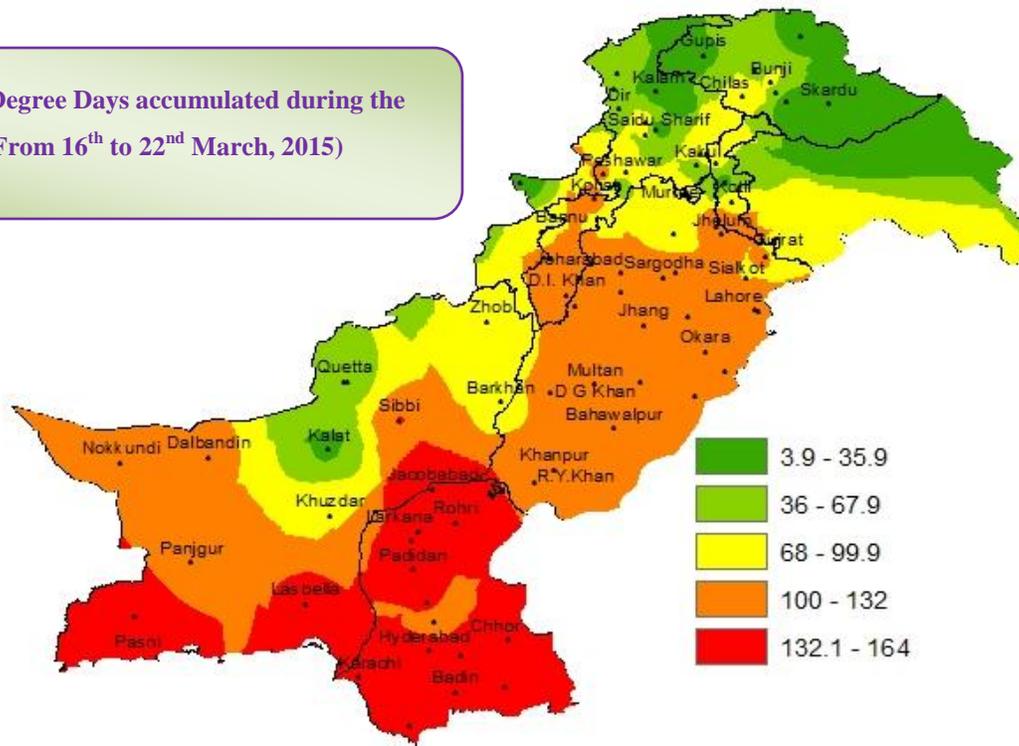
Mean Minimum Temperature (°C) during the Previous week (From 16th to 22nd March, 2015)



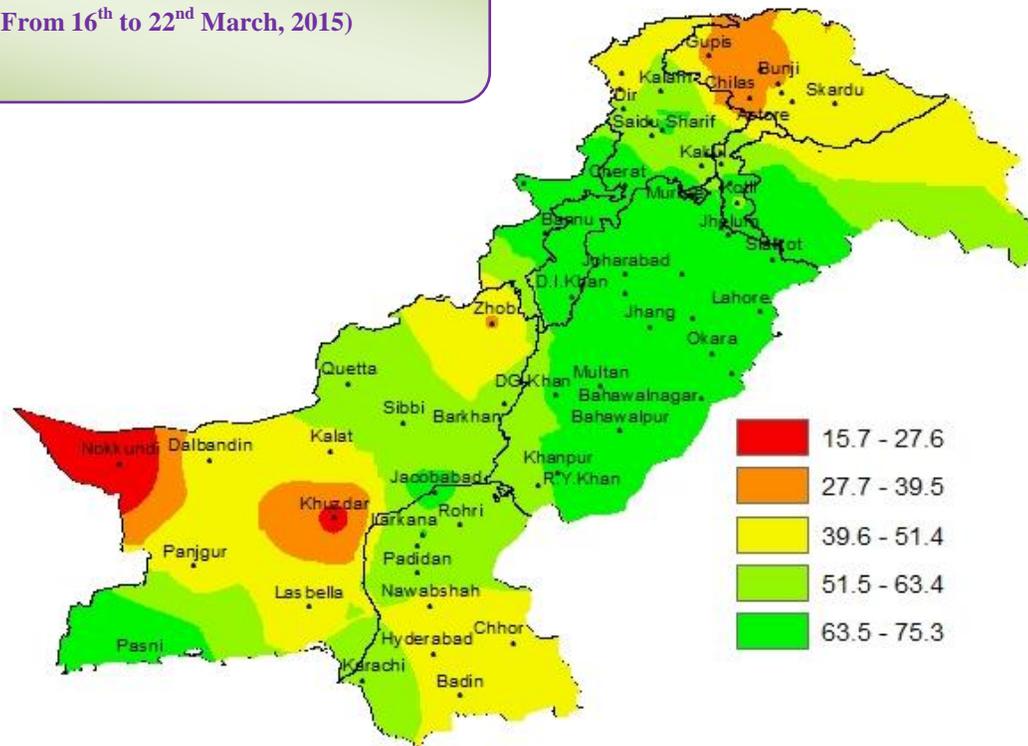
Lowest Minimum Temperature (°C) during the Previous week (From 16th to 22nd March, 2015)



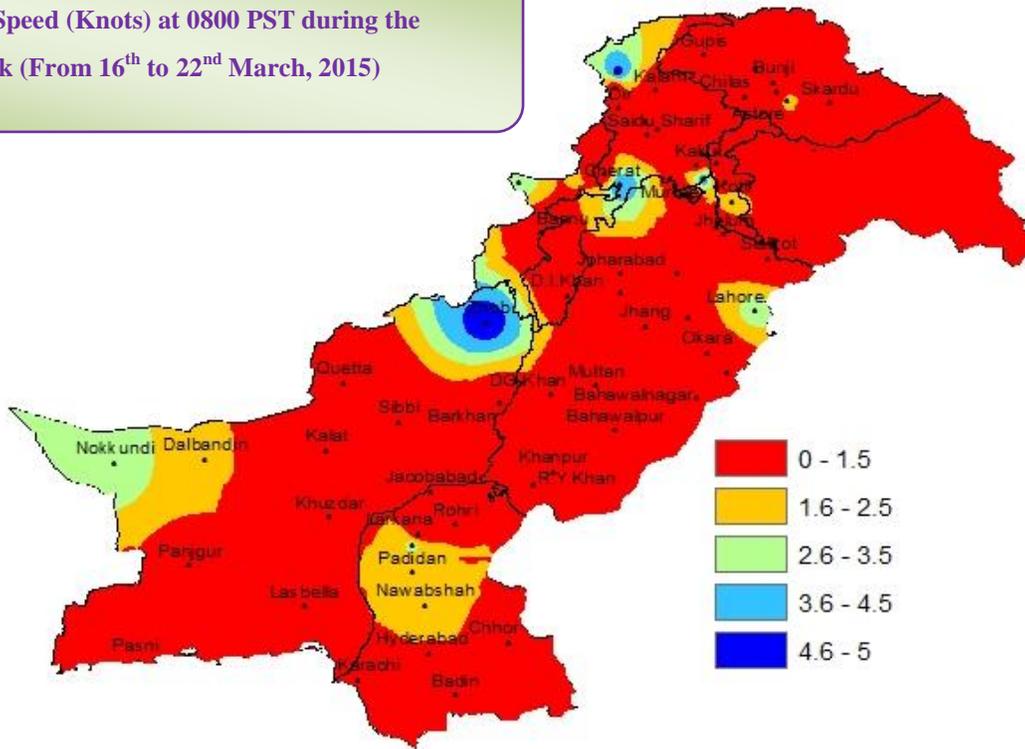
Total Growing Degree Days accumulated during the Previous week (From 16th to 22nd March, 2015)



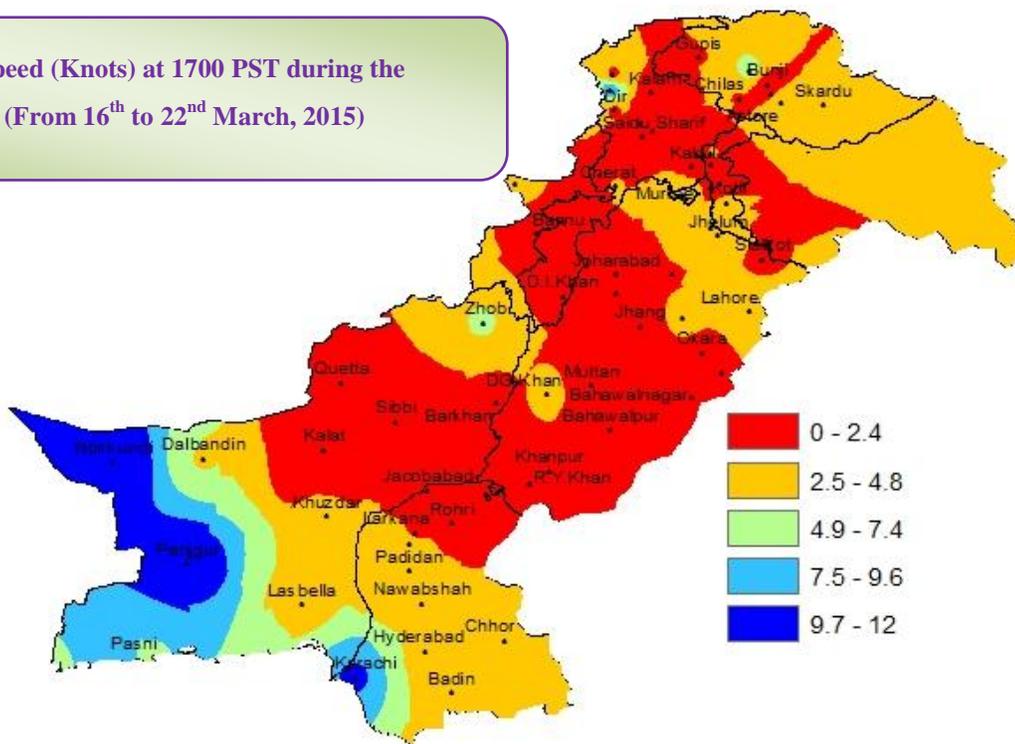
Mean Relative Humidity (%) during the Previous week (From 16th to 22nd March, 2015)



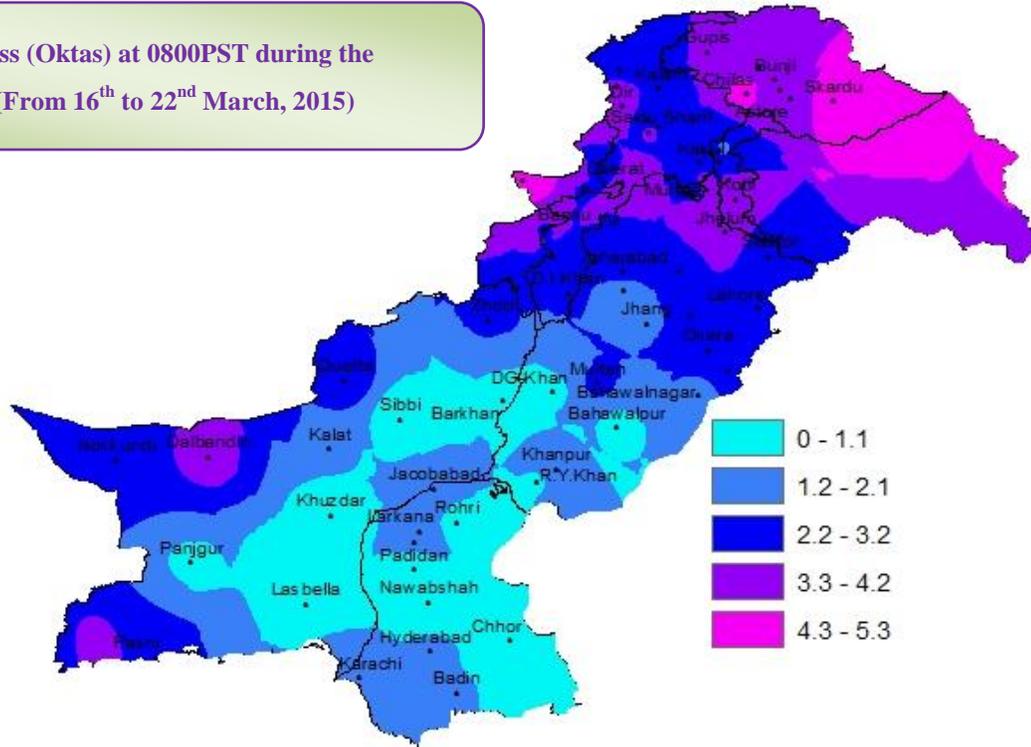
Mean Wind Speed (Knots) at 0800 PST during the Previous week (From 16th to 22nd March, 2015)



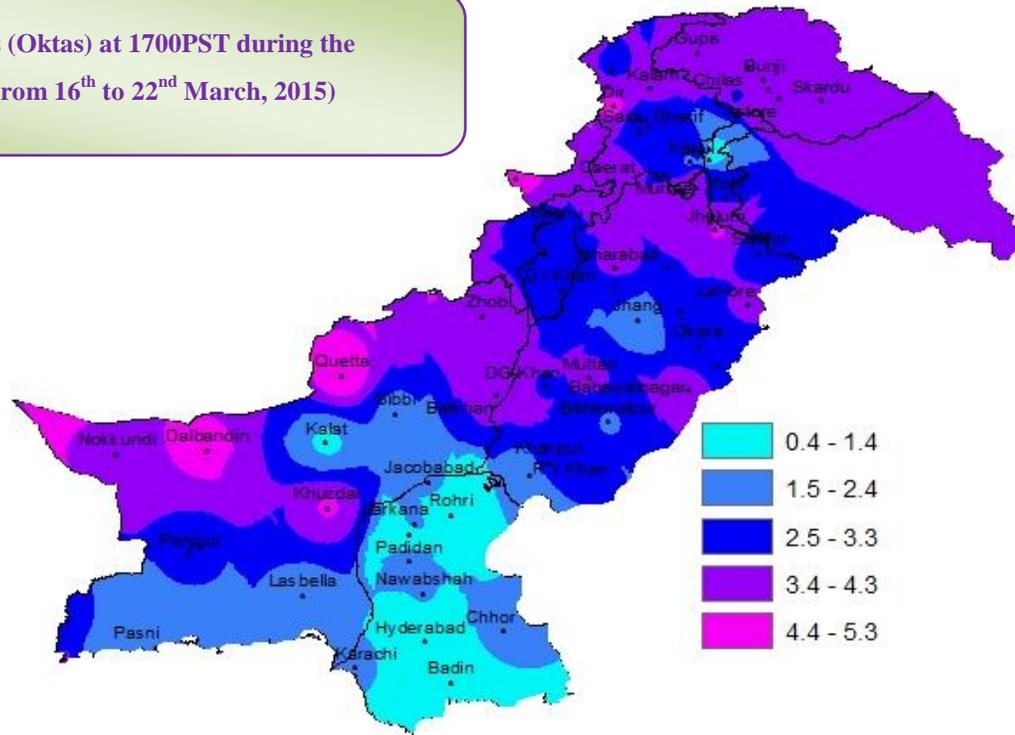
Mean Wind Speed (Knots) at 1700 PST during the Previous week (From 16th to 22nd March, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (From 16th to 22nd March, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (From 16th to 22nd March, 2015)



Weekly Weather Advisory for Farmers
(From 24th to 30th March, 2015)

A shallow westerly wave is likely to enter upper parts of the country during evening/night and likely to move eastwards during next 12 hours. Continental air would prevail during the rest of the week. However, a western disturbance is likely to approach western parts of the country from Saturday evening/night and may affect next 2-3 days.

TUESDAY

24-03-2015

Partly cloudy weather conditions would prevail in upper parts of the country including Balochistan. Rain-thunderstorm with gusty winds is expected at scattered places in Upper KP (Malakand, Hazara, Peshawar divisions), upper FATA, Gilgit-Baltistan and Kashmir, while at isolated places in Islamabad, Rawalpindi, Sargodha, Gujranwala, Mardan and Kohat divisions during evening/night. Weather will remain dry elsewhere in the country.

WEDNESDAY

25-03-2015

Mainly hot and dry weather is expected in plains areas of the country. However rain-thunderstorm is expected at one or two places of Kashmir and adjoining hilly areas.

THURSDAY

26-03-2015

Mainly hot and dry weather is expected in plains areas of the country. However, light rain-thunderstorm is expected at isolated places in Zhob, Malakand divisions, upper FATA and Gilgit-Baltistan.

FRIDAY

27-03-2015

Mainly hot and dry weather is expected in plains areas of the country. However, light rain-thunderstorm is expected at isolated places in upper FATA, Malakand, division and Gilgit-Baltistan

SATURDAY

28-03-2015

Mainly hot and dry weather is expected in plains areas of the country. However, rain-thundershower associated with gusty winds is expected at scattered places in Balochistan (Makran, Quetta, Zhob divisions), FATA, upper KP (Malakand, Hazara, Peshawar, Mardan divisions), while at isolated places in Kashmir and Gilgit-Baltistan.

elsewhere in the country.

SUNDAY

29-03-2015

Rain-thundershower is expected at scattered places in Khyber Pakhtunkhwa, FATA, Islamabad, upper Punjab (Lahore, Sargodha, Gujranwala, Rawalpindi divisions), Kashmir and Gilgit-Baltistan, while at isolated places of south Punjab (Multan, D.G Khan, Sahiwal divisions) and Zhob division. Hot and dry weather elsewhere in the country.

MONDAY

30-03-2015

Rain-thundershower is expected at isolated places in upper Khyber Pakhtunkhwa (Malakand, Hazara, Peshawar, Mardan divisions), Islamabad, Northeast Punjab, Kashmir and Gilgit-Baltistan. Hot and dry weather elsewhere in the country.

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 16th to 22nd 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	-1.7	-3.6	3.1	51	2.0	4.0	3.7	1.7	4.3
Badin	14.3	13.0	155.5	49	0.0	1.1	0.4	0.6	2.6
Bahawalnagar	11.9	8.5	115.3	68	0.0	1.6	4.1	0.3	2.3
Bahawalpur	10.2	8.1	121.3	69	0.1	0.7	2.3	0.0	0.0
Balakot	6.9	4.2	75.4	59	1.5	3.0	3.1	0.3	0.9
Bannu	6.3	3.0	98.7	64	6.2	3.1	2.7	0.0	1.4
Barkhan	6.0	3.5	86.3	52	2.0	0.7	3.9	0.3	1.1
Bunji	7.6	3.6	74.3	34	0.1	3.7	4.3	1.4	0.6
Cherat	6.6	-0.5	51.3	63	13.0	3.6	3.4	4.6	2.6
Chhor	13.0	10.5	152.4	50	0.0	0.0	1.9	0.6	4.3
Chilas	7.4	4.3	83.4	33	0.0	4.4	3.3	1.1	2.3
Chitral	2.6	1.8	48.8	46	4.0	2.7	2.9	4.9	1.7
D.I.Khan	8.6	4.5	109.8	74	0.1	2.1	2.7	0.6	1.1
D.G.Khan	12.1	8.5	110.1	64	1.0	0.9	3.3	1.4	3.1
Dir	0.9	-1.0	49.3	60	23.0	3.6	4.6	0.0	1.9
Drosh	0.8	-1.9	40.7	41	2.0	3.3	4.1	0.9	9.3
Faisalabad	13.7	11.0	107.8	64	0.1	2.3	2.0	0.6	1.2
Garidopatta	7.6	6.0	74.3	61	5.0	2.3	1.1	0.0	0.3
Gawader	15.9	14.5	136.8	67	0.0	3.7	2.0	0.0	9.6
Gilgit	4.0	2.0	58.5	38	0.1	4.1	4.3	0.0	6.0

Gupis	-0.4	-1.0	29.5	38	0.0	3.3	3.4	1.1	2.3
Hyderabad	15.4	12.5	152.0	50	0.0	1.3	0.7	1.4	4.0
Islamabad	8.5	5.5	89.2	70	8.4	3.1	3.6	0.0	3.1
Jacobabad	11.1	8.0	133.0	65	0.0	2.0	1.6	0.9	0.3
Jhang	8.5	4.6	102.5	74	1.0	2.0	1.7	0.0	0.0
Jhelum	10.9	9.4	110.1	65	3.2	3.4	4.6	0.6	2.6
Jiwani	16.1	16.0	139.5	72	0.0	2.7	3.4	0.3	6.3
Joharabad	9.6	6.0	109.0	75	7.0	2.6	3.9	0.6	0.6
Kakul	4.1	1.0	60.4	62	2.0	2.9	2.0	0.6	2.3
Kalam	-2.1	-6.0	20.5	63	3.0	2.7	3.7	0.0	0.0
Kalat	-1.2	-4.5	31.0	49	0.0	1.7	1.1	0.0	0.3
Karachi	16.8	15.0	150.4	59	0.0	1.7	1.6	0.0	10.0
Khanpur	12.0	9.7	125.6	66	0.4	1.4	3.1	0.3	1.1
Khuzdar	8.5	6.0	98.5	26	0.0	0.0	4.4	0.0	2.9
Kotli	9.9	7.0	95.0	63	20.4	3.7	3.3	2.1	2.6
Lahore	11.9	9.0	112.0	64	0.0	2.9	3.6	2.9	4.3
Larkana	12.0	10.0	139.3	64	0.1	1.9	1.6	0.6	1.4
Lasbella	9.3	8.5	140.0	48	0.0	0.7	1.9	0.3	3.7
Lower Dir	7.9	3.0	85.0	64	4.0	2.7	2.9	0.9	2.0
M.B Din	11.3	9.5	108.9	73	36.3	2.7	3.3	0.6	2.3
Malam Jabba	0.9	-2.0	12.2	64	19.0	3.1	2.9	0.0	0.0
Mangla	9.9	6.7	104.9	67	5.0	3.9	3.6	0.9	4.7
Mir Khani	4.8	3.0	61.3	51	1.2	3.3	3.3	0.4	2.3
Moinjodaro	11.5	9.0	134.4	58	0.1	1.1	1.0	2.9	4.9
Multan	11.6	8.5	118.5	70	0.7	2.4	3.6	0.6	1.1
Murree	2.7	-2.0	35.2	61	6.0	3.3	4.0	4.1	2.4

Muzaffarabad	6.7	3.8	87.6	53	4.0	3.1	2.9	2.0	1.4
Nokkundi	5.9	2.0	130.0	16	0.0	2.7	4.3	3.1	12.0
Noorpurthal	10.1	7.5	116.1	72	0.0	1.7	2.4	0.0	0.0
Okara	11.0	7.2	111.8	71	0.0	3.0	2.6	0.6	1.4
Padidan	11.2	9.5	138.8	57	0.0	0.4	1.6	1.7	2.6
Panjgur	5.5	2.5	107.5	49	0.0	0.9	2.6	0.9	11.4
Parachinar	-0.3	-2.0	4.9	75	38.0	5.3	4.9	3.0	3.0
Pasni	14.6	13.0	139.8	72	0.0	2.6	1.6	0.6	7.1
Peshawar	9.6	6.0	107.0	69	2.0	2.9	4.0	0.3	1.7
Quetta	6.5	4.0	51.0	57	4.0	4.6	5.1	2.9	2.9
R. Yar Khan	11.7	9.5	130.7	62	0.1	1.0	1.4	1.1	1.1
Rawalakot	0.7	-2.0	26.3	66	40.0	3.3	2.7	0.0	1.7
Rohri	14.1	11.5	142.0	58	0.0	0.4	0.4	1.4	1.1
Rawalpindi	12.4	11.0	96.1	65	7.8	3.2	1.4	0.5	1.1
Sahiwal	9.9	5.8	108.0	73	0.0	3.0	2.4	0.6	2.3
Saidu Sharif	7.7	5.5	72.1	61	2.8	3.3	3.0	0.0	0.0
Sialkot	11.3	9.5	101.6	69	12.1	2.3	2.6	0.3	2.0
Sibbi	12.4	10.0	132.5	58	0.0	0.0	2.0	0.0	0.0
Skardu	1.0	-0.8	24.3	45	0.0	4.9	4.1	0.0	2.7
Tandojam	16.1	11.5	145.0	57	0.0	0.0	0.3	0.2	0.6
Usta.M	15.2	12.0	120.6	51	0.0	0.9	0.0	0.1	0.1
Zhob	5.2	3.0	69.0	39	1.0	2.3	4.3	5.0	5.0

*** Shows the data is not available.