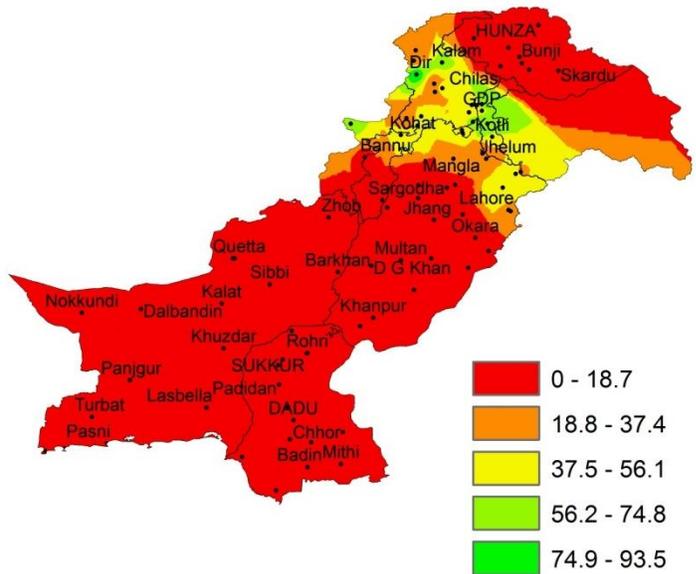


# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 23<sup>rd</sup> Feb to 1<sup>st</sup> March, 2015)**

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

## Highlights of Past Weather (From 23<sup>rd</sup> February, to 1<sup>st</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, Punjab and Gilgit-Baltistan & Kashmir regions.
- Light rainfall was reported at few places in Balochistan.
- Dry weather was reported in Sindh.

**Past Weather of Provinces (From 23<sup>rd</sup> February ,to 1<sup>st</sup> March 2015)**

**Punjab**

Light to moderate rainfall was reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 22.7°C & 12.5°C respectively. For the present season average 88.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 70% and wind speed in the morning/evening 1.8/3.0Knots. During the previous week the highest amount of rainfall was recorded 69.0mm at Murree & lowest minimum temperature was recorded

2.0°C at Murree.

**Sindh**

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 30.2°C & 16.7°C respectively. For the present season average 129.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 65% and wind speed in the morning/evening recorded 2.5/5.5Knots. During the previous week the lowest minimum temperature was recorded 12.0°C at Mirpur Khas.

**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 14.0°C & 3.9°C respectively. For the present season average 26.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 57% and wind speed in the morning/evening recorded 0.9/1.6Knots. During the previous week the highest amount of rainfall was recorded 76.0mm at Rawalakot & lowest minimum recorded -4.6°C at Skardu.

**Balochistan**

Light rainfall was reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 26.6°C & 12.6°C respectively. For the present season average 100.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 53% and wind speed in the morning/evening recorded 2.5/4.9Knots. During the previous week the highest amount of rainfall was recorded 10.0mm at Zhob & the lowest minimum temperature recorded -2.5°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 15.6°C & 5.6°C respectively. For the present season average 38.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening recorded 0.8/4.3Knots. During the previous week the highest amount of rainfall was recorded 94.0mm at Dir & lowest minimum temperature recorded -5.2°C at Parachinar.

**Past Weather for Major Agricultural Plains  
(From 23<sup>rd</sup> February to 1<sup>st</sup> March, 2015)**

**Rawalpindi (Potohar region)**

Rainfall reported as 39.1mm during the week; however cloudiness in the morning/evening recorded 5.3/4.4Oktas while, average relative humidity observed 79%.Mean night time temperature recorded 10.9°C &for the present season 74.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.2/0.3Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as 6.5mm during the week; however cloudiness in the morning/evening recorded 5.0/5.7Oktas while average relative humidity observed as 72%.Mean night time temperature recorded 13.8°C &for the present season 95.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/0.7Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.5/4.6Oktas while, average relative humidity observed as 35%.Mean night time temperature recorded 8.0°C for the present season 68.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.2/4.1Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.3/1.1Oktas while, average relative humidity observed as 68%.Mean night time temperature recorded 14.2°C&for the present season 113.1 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 0.0/0.4 Oktas while average relative humidity observed as 72%.Mean night time temperature recorded 16.4°C &for the present season 131.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 1.1/0.6Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 23<sup>rd</sup> February to 1<sup>st</sup> March, 2015)**

**Multan**

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 4.0/2.9Oktas while, average relative humidity observed as 65%.Mean night time temperature recorded 14.1°C&for the present season 100.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.6/8.5Knots.

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.9/0.7Oktas while, average relative humidity observed as 61%.Mean night time temperature recorded 16.6°C&for the present season 120.0growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/3.0Knots.

**Lahore**

Rainfall reported as 26.5mm during the week; however cloudiness in the morning/evening recorded 6.3/6.0Oktas while, average relative humidity observed as 69%.Mean night time temperature recorded 12.6°C&for the present season 96.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.4/4.8Knots.

**Zhob**

Rainfall reported as 10.0mm during the week; however cloudiness in the morning/evening recorded 4.6/5.1Oktas while, average relative humidity observed as 54%. Mean night time temperature recorded 7.8°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 5.0/5.0Knots.

**D.I. Khan**

Rainfall reported as 8.0mm during the week; however cloudiness in the morning/evening recorded 5.7/3.7Oktas while, average relative humidity observed as 68%. Mean night time temperature recorded 10.7°C & for the present season 85.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.8Knots.

**Peshawar**

Rainfall reported as 68.0mm during the week; however cloudiness in the morning/evening recorded 5.9/6.6Oktas while, average relative humidity observed as 69%. Mean night time temperature recorded 7.9°C & for the present season 77.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/3.6Knots.

**Murree**

Rainfall reported as 69.0mm during the week; however cloudiness in the morning/evening recorded 3.6/5.9Oktas while, average relative humidity observed as 80%. Mean night time temperature recorded 3.1°C & for the present season 14.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/1.6Knots.

**Kalam**

Rainfall reported as 18.0mm during the week; however cloudiness in the morning/evening recorded 3.4/3.6Oktas while, average relative humidity observed as 58%. Mean night time temperature recorded -4.1°C 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 6.9/6.6Oktas while, average relative humidity observed as 50%. Mean night time temperature recorded 3.1°C & for the present season 31.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.6/2.4Knots.

**Skardu**

Rainfall reported as 2.1mm during the week; however cloudiness in the morning/evening recorded 7.9/6.0Oktas while, average relative humidity observed as 55%. Mean night time temperature recorded 0.0°C by the end of last week. Wind speed recorded in the morning/evening 0.0/0.8 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 *Tillering* stage.

**Lower Sindh (Tandojam)**

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

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

**Northern Balochistan (Quetta)**

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

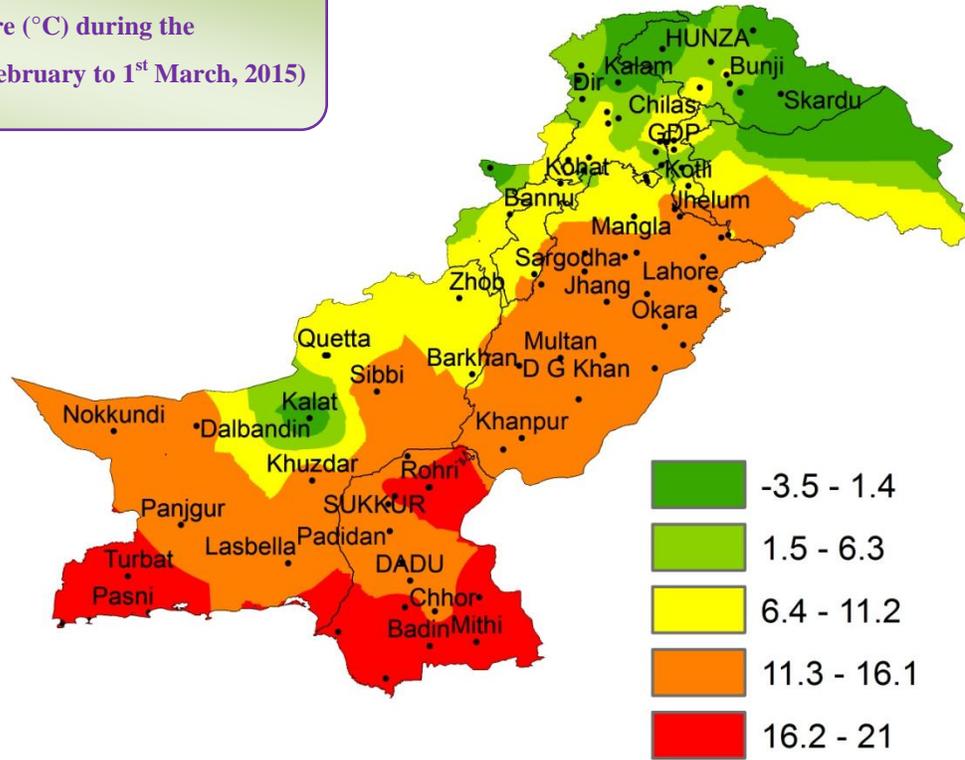
**Wheat:** Good condition at *Tillering* stage.

**Eastern Balochistan (Usta Muhammad)**

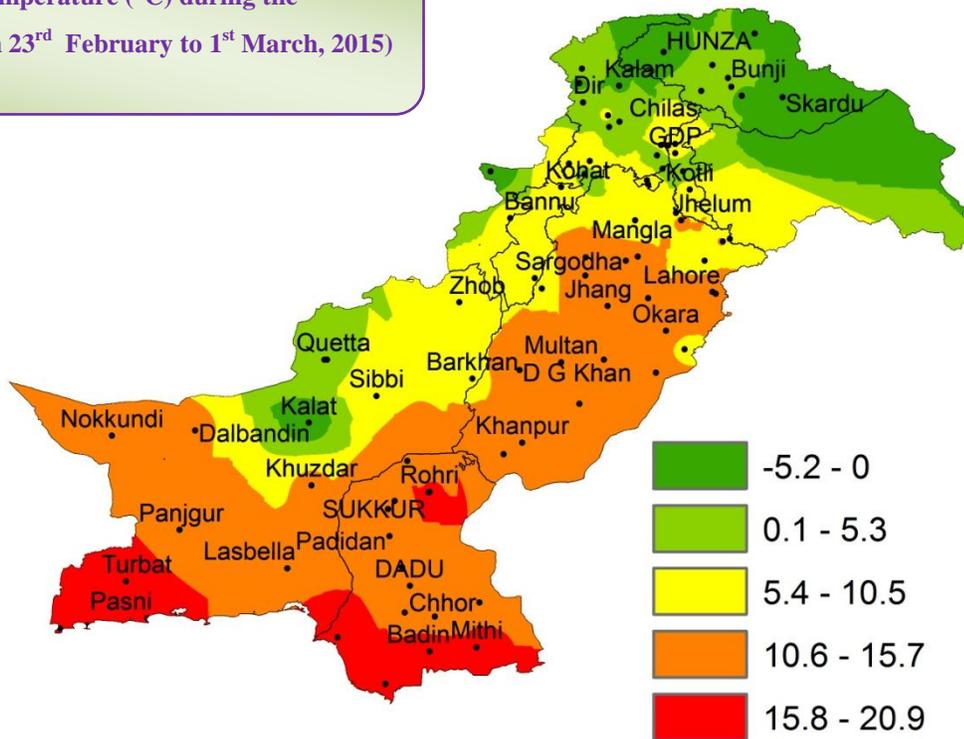
There is presently one crop grown in the fields of RAMC Usta Muhammad.

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

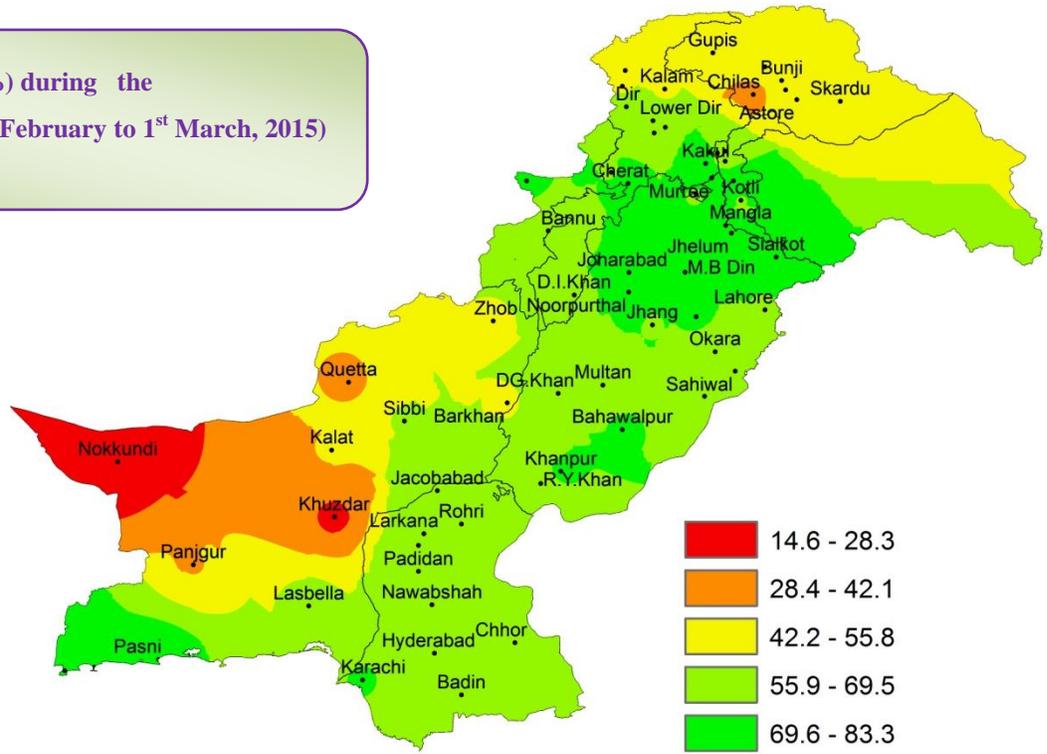
Mean Minimum Temperature (°C) during the Previous week (From 23<sup>rd</sup> February to 1<sup>st</sup> March, 2015)



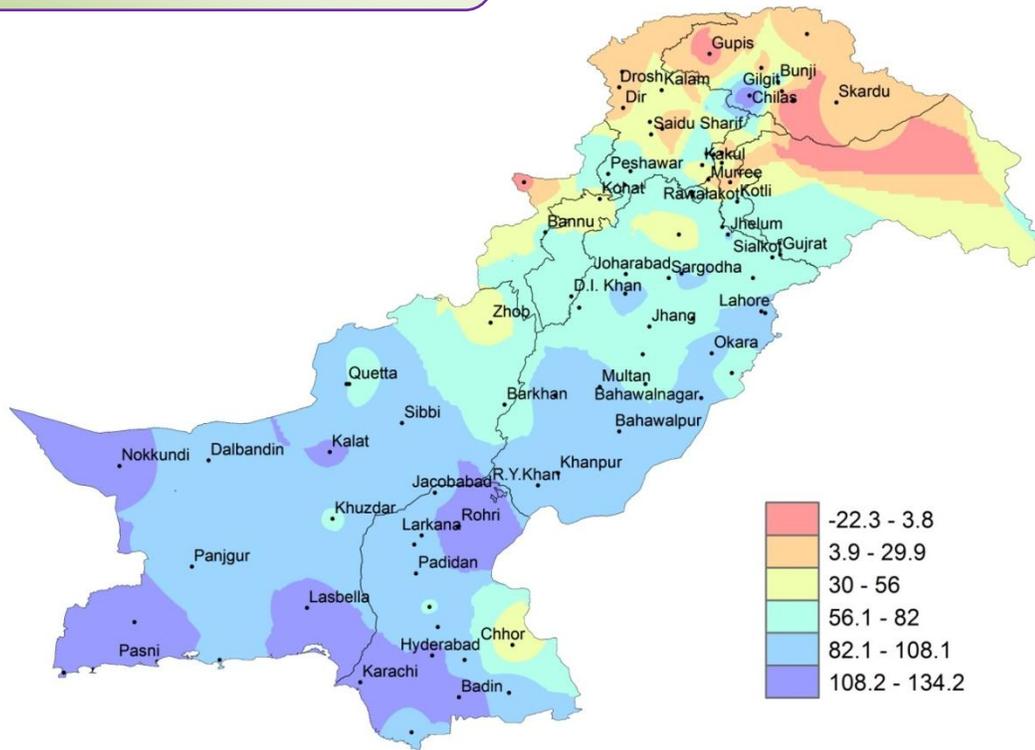
Lowest Minimum Temperature (°C) during the Previous week (From 23<sup>rd</sup> February to 1<sup>st</sup> March, 2015)



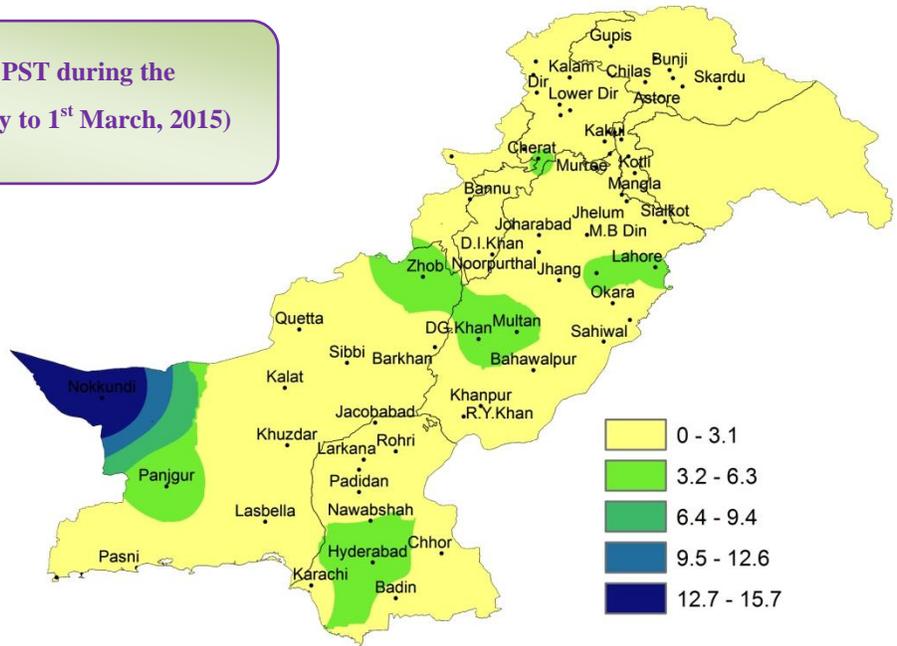
Mean Relative Humidity (%) during the Previous week (From 23<sup>rd</sup> February to 1<sup>st</sup> March, 2015)



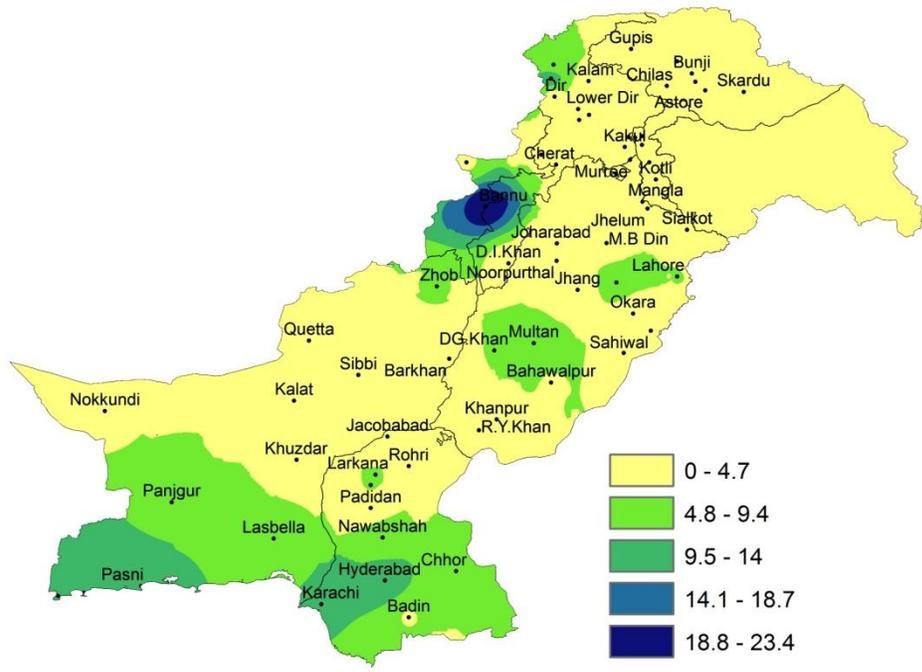
Total Growing Degree Days accumulated during the Previous week (From 23<sup>rd</sup> February to 1<sup>st</sup> March, 2015)



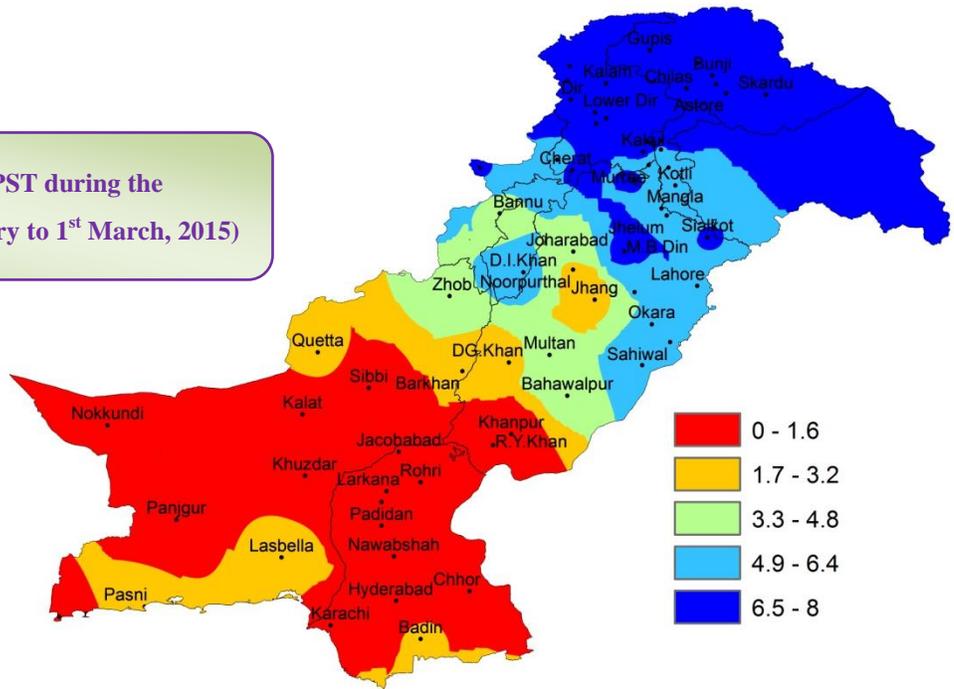
Mean Wind Speed (Knots) at 0800 PST during the Previous week (From 23<sup>rd</sup> February to 1<sup>st</sup> March, 2015)



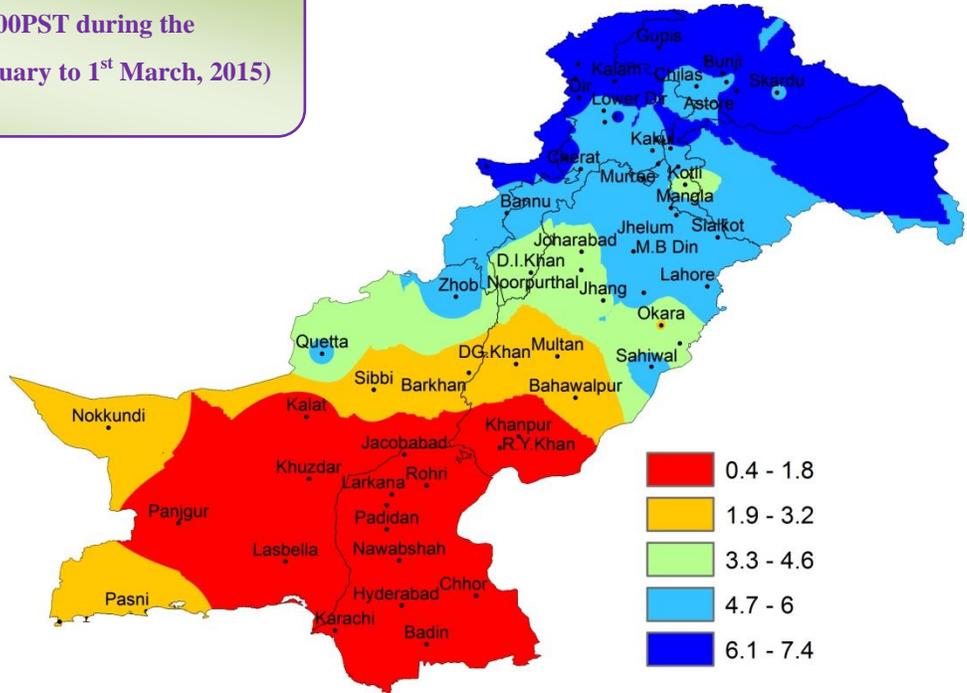
Mean Wind Speed (Knots) at 1700 PST during the Previous week (From 23<sup>rd</sup> February to 1<sup>st</sup> March, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (From 23<sup>rd</sup> February to 1<sup>st</sup> March, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (From 23<sup>rd</sup> February to 1<sup>st</sup> March, 2015)



**Weekly Weather Advisory for Farmers**  
**(From 2<sup>nd</sup> to 8<sup>th</sup> March, 2015)**

The present weather system would prevail over upper parts of the country with less intensity during next 02-03 days.

**MONDAY**

**02-03-2015**

More rain (with snowfall over the hills) is expected at scattered places in Islamabad, Rawalpindi, Gujranwala, Lahore, Malakand, Hazara, Mardan divisions, Kashmir, Gilgit-Baltistan, while at isolated places in Peshawar, Kohat, Bannu, Faisalabad divisions and FATA.

**TUESDAY**

**03-03-2015**

Partly cloudy weather conditions are expected in upper parts of the country; however, rain (with snowfall over the hills) is expected at isolated places in Islamabad, Rawalpindi, Gujranwala, Malakand, Hazara, Peshawar, Mardan divisions, Kashmir and Gilgit-Baltistan. Dry weather is expected elsewhere in the country.

**WEDNESDAY**

**04-03-2015**

Partly cloudy weather conditions are expected in upper parts of the country; however, rain (with snowfall over the hills) is expected at isolated places in Islamabad, upper Punjab (Rawalpindi, Malakand, Hazara, upper FATA, Quetta, Zhob divisions, Kashmir and Gilgit-Baltistan during evening/night. Dry weather is expected elsewhere in the country.

**THURSDAY**

**05-03-2015**

Rain-thunderstorm (with snowfall over the hills) is expected at scattered places in Islamabad, Rawalpindi, Sargodha divisions, KP (Malakand, Hazara, Peshawar, Mardan, Kohat, Bannu, D.I.Khan divisions), FATA, Quetta, Zhob, Kalat divisions, Kashmir and Gilgit-Baltistan, while at isolated places in Faisalabad, Lahore, Gujranwala, D.G.Khan, Karachi, Sukkur, Larkana, Sibbi, Naseerabad divisions and coastal areas of Balochistan.

**FRIDAY**

**06-03-2015**

Rain-thunderstorm (with snowfall over the hills) is expected at scattered places in

Karachi, Zhob, Quetta, while at isolated places in Kalat, D.I.Khan, Kashmir and Gilgit-Baltistan. Dry weather is expected elsewhere in the country.

**SATURDAY**

**07-03-2015**

widespread rain (with snowfall over the hills) is expected in Quetta, Zhob, Kalat, Bannu, D.I.Khan divisions and FATA, while at scattered places in Peshawar, Malakand, Hazara divisions. Isolated rain-thunderstorm is likely in Islamabad, Rawalpindi, Kashmir, Gilgit-Baltistan, coastal areas of Balochistan, Karachi, Larkana, Sibbi, Naseerabad, Bahawalpur divisions.

**SUNDAY**

**08-03-2015**

widespread rain (with snowfall over the hills) is expected in north Balochistan (Quetta, Zhob, Kalat divisions), central and upper Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Sahiwal, Faisalabad divisions), FATA, Peshawar, Kohat, Bannu, divisions, while at scattered places in Malakand, Hazara, D.I.Khan, Multan, D.G.Khan, Bahawalpur divisions. Isolated rain is also expected in Kashmir and Gilgit-Baltistan.

**Advises for Crops**

- ❖ Wheat crop is in heading/flowering stages. Farmers are advised to irrigate the crops keeping the expected rain in the agricultural plains of the country.
- ❖ Farmers of upper half and northwest Balochistan should be careful about irrigation and spraying chemicals on the crops.
- ❖ At this stage of wheat crop, farmers should control weeds further growth by manual practices or any recommended spray.
- ❖ 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 ensure field sanitation and spray prophylactic fungicidal sprays to prevent spread of diseases on vegetables.

**National Weather Data of Selected Cities****(Weekly Data From 23<sup>rd</sup> February to 1<sup>st</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	-1.1	-4.6	-19.0	48	41.0	7.6	6.7	1.4	2.6
Badin	15.1	12.5	112.6	57	0.0	2.7	2.9	3.3	5.1
Bahawalnagar	13.1	10.5	94.4	60	36.0	3.7	4.3	2.9	4.3
Bahawalpur	10.9	6.9	80.6	64	6.1	4.0	3.7	0.9	3.1
Balakot	6.6	3.3	46.0	62	80.0	5.4	6.4	0.7	1.3
Bannu	6.7	3.5	58.7	64	30.0	4.6	5.6	0.0	3.1
Barkhan	6.4	3.5	52.3	45	32.0	0.5	4.3	0.0	3.1
Bunji	6.5	3.9	33.1	49	20.3	7.6	7.4	1.1	0.9
Cherat	3.4	0.0	14.5	69	99.0	5.0	5.3	4.0	4.6
Chhor	13.1	8.0	111.6	56	0.1	3.3	3.0	1.4	6.9
Chilas	7.0	5.4	35.9	43	34.0	7.7	7.0	0.6	2.0
Chitral	-0.1	-2.6	-4.7	53	102.0	5.6	5.6	1.4	0.9
D.I.Khan	8.7	5.5	69.5	64	0.2	4.6	4.7	2.0	2.3
DG.Khan	12.1	9.1	84.8	59	9.0	3.4	3.9	4.3	4.3
Dir	1.6	-3.0	9.8	64	140.0	5.6	6.6	0.3	1.7
Drosh	-1.6	-4.0	-11.4	47	114.0	6.0	7.0	0.0	2.3
Faisalabad	10.8	6.5	78.6	66	13.9	3.6	4.3	0.8	1.8
Garidopatta	4.9	3.5	38.5	68	189.0	4.0	5.1	0.0	0.0
Gawader	14.6	10.0	106.0	61	0.0	2.1	2.6	0.0	8.9
Gilgit	4.2	2.5	24.8	42	14.1	7.4	6.9	4.9	5.1
Gupis	-0.3	-2.5	-8.3	46	11.0	6.1	6.3	2.9	2.9

Hyderabad	14.9	11.5	107.0	51	0.0	3.2	3.0	4.7	8.0
Islamabad	8.4	5.5	59.6	69	82.1	4.7	6.0	0.0	2.6
Jacobabad	11.6	9.0	90.3	60	5.0	3.9	3.1	0.6	2.6
Jhang	9.0	5.6	72.7	68	20.0	2.1	3.6	0.0	1.1
Jhelum	10.9	7.8	79.8	67	48.0	4.3	5.0	2.0	3.1
Jiwani	13.9	11.0	99.6	62	0.0	3.4	3.1	3.1	7.4
Joharabad	9.8	5.5	74.5	75	29.3	4.1	4.4	0.9	1.1
Kakul	5.1	1.0	32.2	72	52.2	5.1	5.7	0.0	0.6
Kalam	-2.6	-8.5	-25.9	62	130.0	6.9	6.3	0.0	0.0
Kalat	-3.5	-7.0	-14.0	46	0.0	3.4	1.1	1.4	0.6
Karachi	16.3	13.5	113.5	53	0.1	4.0	3.7	6.7	11.4
Khanpur	10.3	4.8	80.4	63	4.7	3.7	3.6	2.6	5.7
Khuzdar	7.0	2.5	48.0	31	6.0	2.8	2.4	5.0	6.3
Kotli	10.3	7.0	70.2	66	67.1	4.6	4.7	5.3	3.0
Lahore	12.2	8.5	87.0	64	50.9	5.0	4.9	2.9	3.7
Larkana	12.8	10.5	96.4	60	6.0	3.0	3.0	2.9	4.6
Lasbella	10.2	6.5	91.8	49	0.0	3.3	3.7	1.7	4.3
Lower Dir	7.6	3.5	51.0	59	100.0	5.0	3.9	2.3	3.1
M.B Din	11.8	8.5	81.6	72	32.4	4.1	5.1	1.4	1.4
Malam Jabba	-0.4	-4.0	-16.0	64	165.0	6.0	6.0	0.6	0.3
Mangla	10.0	6.1	73.9	70	52.0	4.4	5.7	4.3	2.6
Mir Khani	3.8	3.0	32.7	46	59.4	5.4	5.7	0.9	2.0
Moinjodaro	10.7	5.5	85.4	59	3.0	3.4	3.0	4.0	5.7
Multan	11.8	8.3	83.7	59	2.4	3.9	4.4	2.3	4.3
Murree	1.8	-2.5	1.6	78	77.0	4.4	5.6	3.4	3.9
Muzaffarabad	6.8	4.0	48.5	65	102.1	4.9	6.4	0.0	1.4

Nokkundi	4.9	1.5	46.3	28	0.0	2.0	1.6	2.5	2.3
Noorpurthal	11.1	6.5	82.6	69	10.0	4.9	5.4	0.6	1.7
Okara	11.6	8.5	83.8	64	21.5	4.7	4.6	1.1	2.9
Padidan	11.1	7.0	87.8	60	0.0	2.0	2.7	2.8	3.7
Panjgur	4.1	1.0	34.0	42	5.0	2.3	2.3	8.3	12.3
Parachinar	-2.3	-3.5	-2.1	77	227.2	6.9	6.0	5.0	5.1
Pasni	13.3	11.5	100.3	65	0.0	1.3	4.4	2.7	11.3
Peshawar	11.4	8.0	73.4	67	74.1	5.9	4.4	0.9	3.4
Quetta	1.6	-2.4	3.6	54	6.2	3.4	5.9	3.9	4.2
R.Y.Khan	10.2	6.3	81.6	63	15.1	3.9	4.0	3.7	4.9
Rawalakot	2.4	-1.3	15.0	78	155.6	5.1	6.1	0.0	2.0
Rohri	14.4	11.5	99.0	52	5.0	3.6	2.7	2.9	4.6
Rawalpindi	9.9	6.5	68.2	71	72.4	3.4	5.0	0.0	0.1
Sahiwal	10.6	5.5	77.5	65	12.3	3.9	4.9	0.6	2.3
Saidu Sharif	6.5	4.0	42.2	62	107.3	5.7	5.9	0.9	1.4
Sialkot	11.7	9.3	82.1	60	49.4	4.7	4.6	2.6	1.7
Sibbi	12.5	10.0	91.8	50	0.0	0.0	2.4	2.0	2.0
Skardu	1.8	-0.6	0.1	51	21.0	8.0	6.6	0.0	0.6
Tandojam	12.2	8.5	97.3	58	0.0	3.0	2.6	0.7	1.6
Usta .M	11.0	7.0	87.0	60	2.0	6.0	2.1	0.1	0.2
Zhob	4.3	0.5	29.0	48	6.0	2.3	5.0	6.1	8.4

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