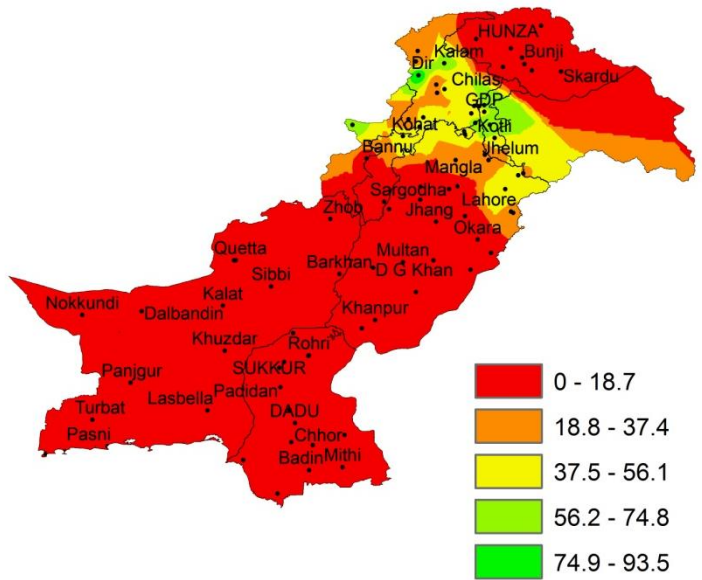


# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 16<sup>th</sup> to 22<sup>nd</sup> February, 2015)**

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## Highlights of Past Weather (From 16<sup>th</sup> to 22<sup>nd</sup> February, 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 .

**Patron-in-Chief: Hazrat Mir (Director General)**  
**Chief Editor: Dr. Khalid Mahmood Malik (Director)**  
**Editor: Khalida Noureen (Meteorologist)**

**Past Weather of Provinces (From 16<sup>th</sup> to 22<sup>nd</sup>****February, 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 16<sup>th</sup> to 22<sup>nd</sup> February, 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 16<sup>th</sup> to 22<sup>nd</sup> February, 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.

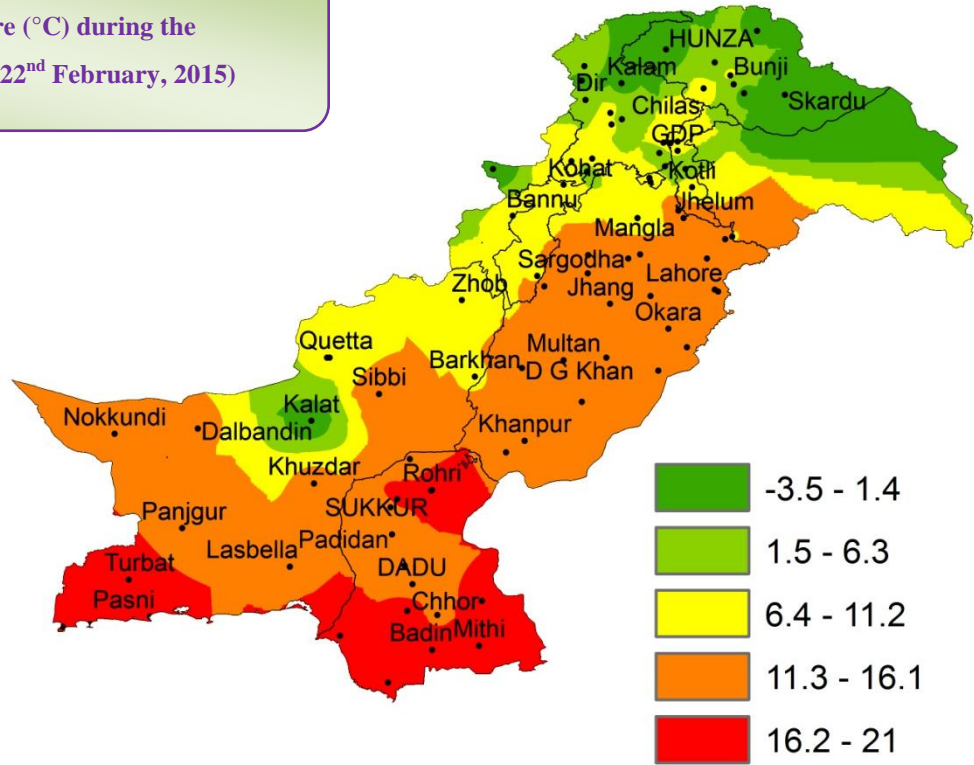
**Wheat:** Good condition at *Tillering* stage.

**Eastern Balochistan (Usta Muhammad)**

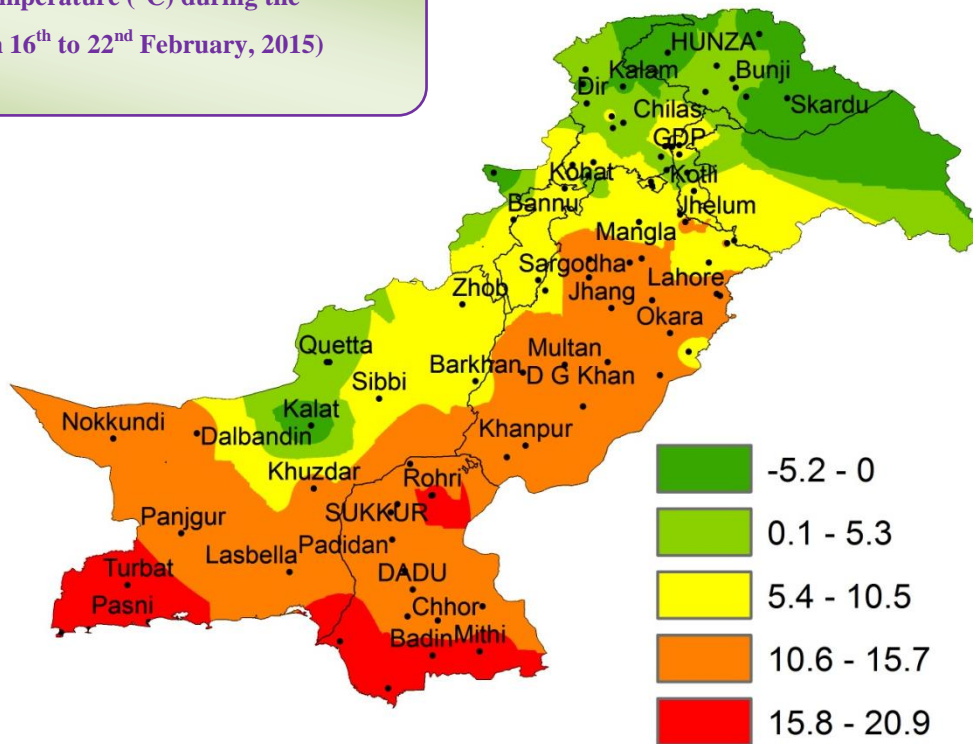
There is presently one crop grown in the fields of RAMC Usta Muhammad.

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

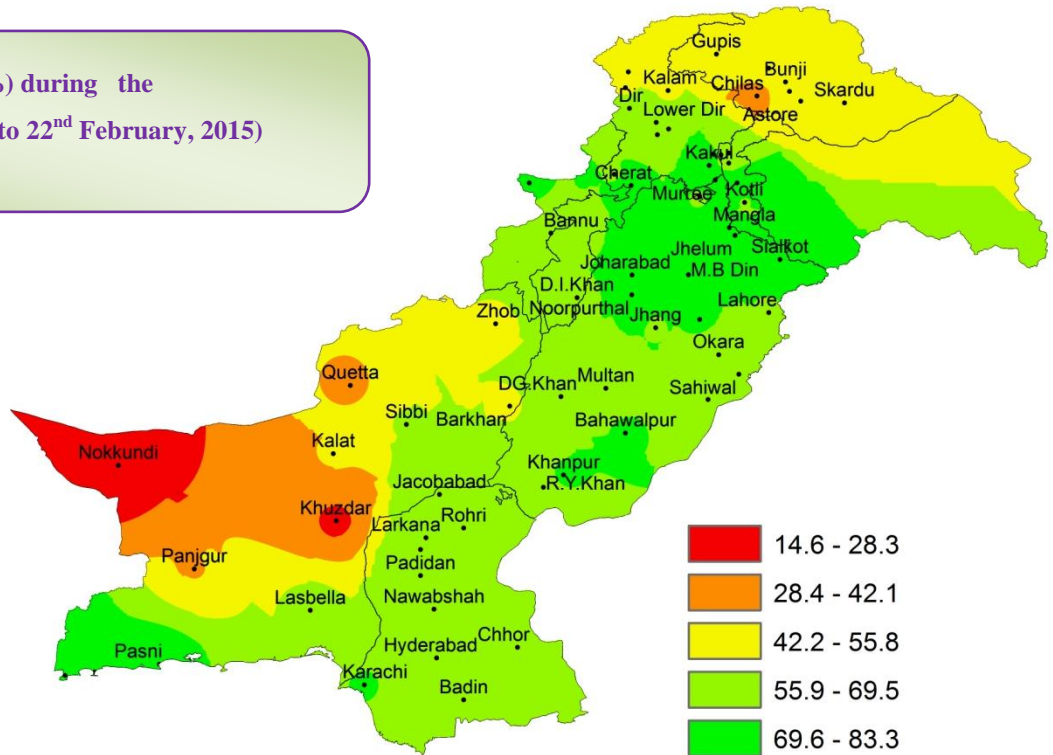
Mean Minimum Temperature (°C) during the Previous week (From 16<sup>th</sup> to 22<sup>nd</sup> February, 2015)



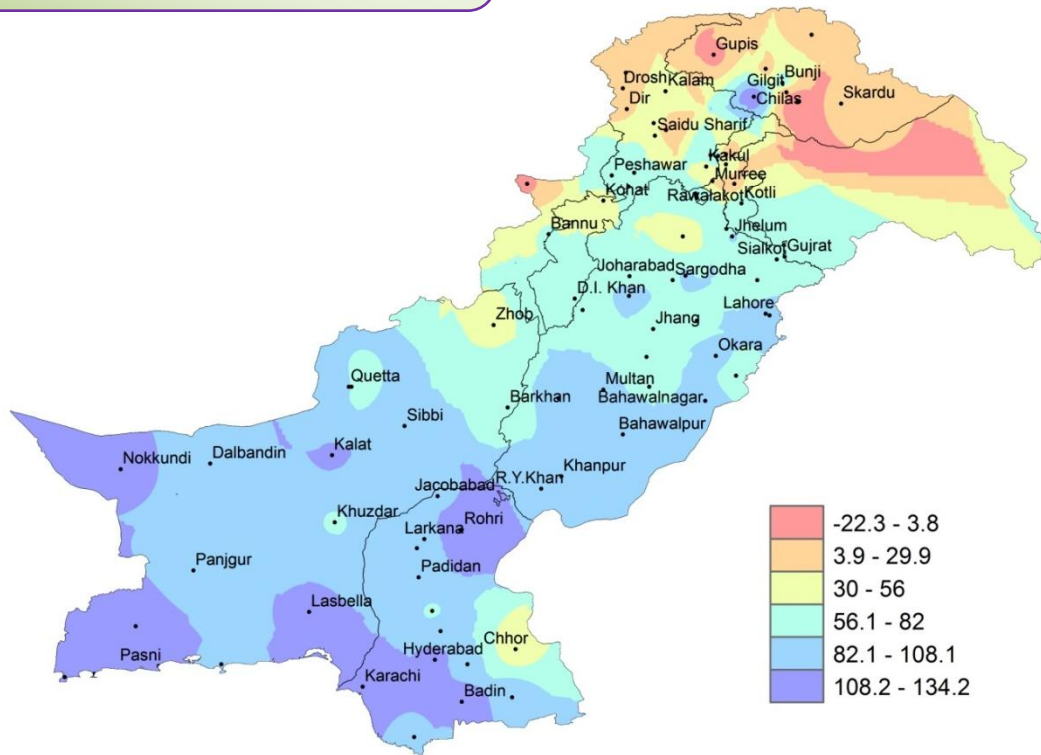
Lowest Minimum Temperature (°C) during the Previous week (From 16<sup>th</sup> to 22<sup>nd</sup> February, 2015)



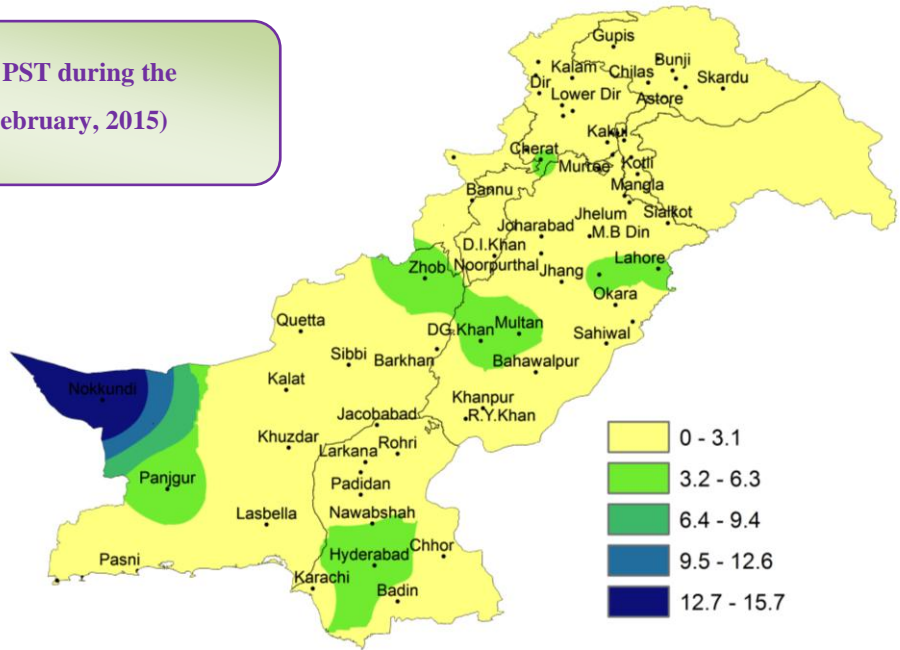
Mean Relative Humidity (%) during the Previous week (From 16<sup>th</sup> to 22<sup>nd</sup> February, 2015)



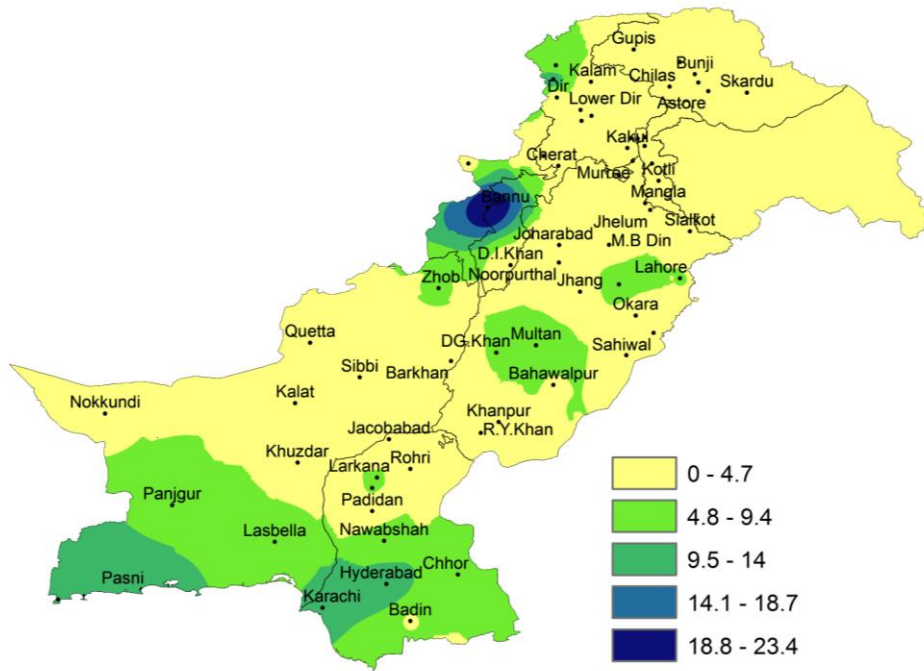
Total Growing Degree Days accumulated during the Previous week (From 16<sup>th</sup> to 22<sup>nd</sup> February, 2015)



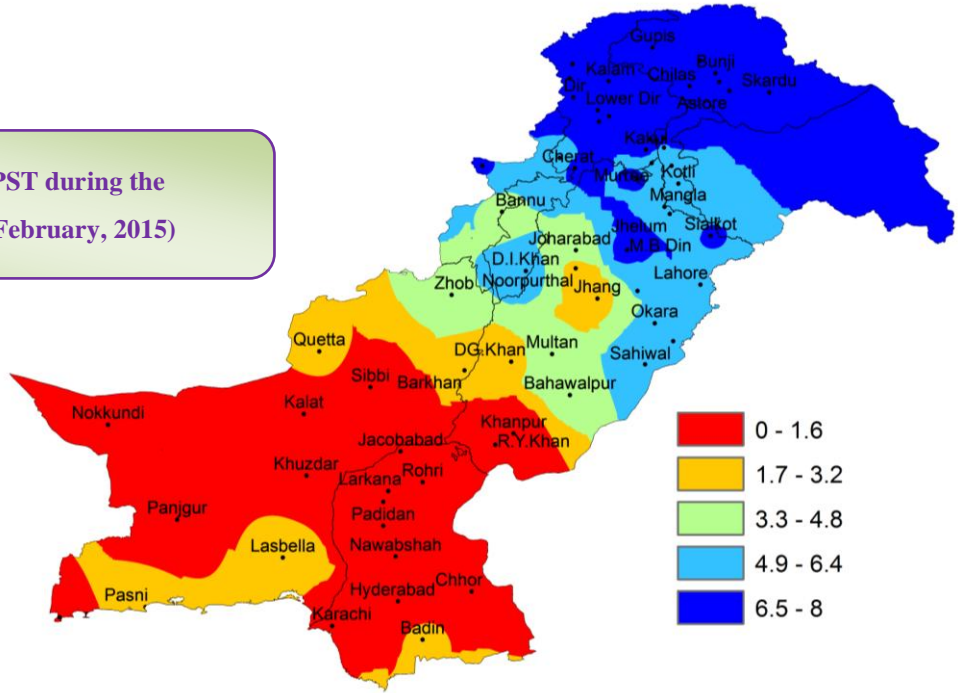
Mean Wind Speed (Knots) at 0800 PST during the Previous week (From 16<sup>th</sup> to 22<sup>nd</sup> February, 2015)



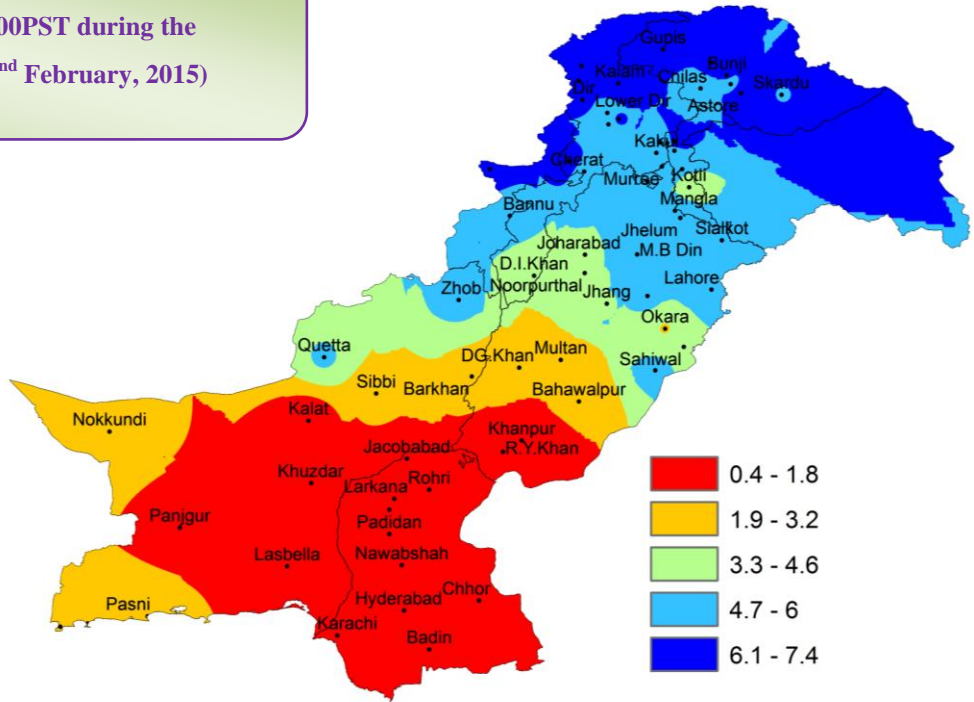
Mean Wind Speed (Knots) at 1700 PST during the Previous week (From 16<sup>th</sup> to 22<sup>nd</sup> February, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (From 16<sup>th</sup> to 22<sup>nd</sup> February, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (From 16<sup>th</sup> to 22<sup>nd</sup> February, 2015)





**Weekly Weather Advisory for Farmers**  
**(From 23<sup>rd</sup> to 28<sup>th</sup> February, 2015)**

A fresh, strong westerly wave is likely to approach Balochistan today and is expected to grip upper/central parts from Monday till Wednesday.

**MONDAY**

**23-02-2015**

Widespread thunderstorm-rain (with snowfall over the hills) is expected in upper KP (Peshawar, Kohat, Malakand, Mardan , Hazara divisions) , upper parts of FATA (Bajaur, Mohmand, Khyber, Orakzai , Kurram agencies), Islamabad, upper & central Punjab (Rawalpindi, Sargodha, Faisalabad, Sahiwal, Gujranwala, Lahore divisions), north Balochistan (Quetta, Zhob, Kalat divisions), Gilgit-Baltistan and Kashmir while at scattered places of Makran, Sibbi , Nasirabad , D.I. Khan, Bannu ,Lakkimarwat, north and south Waziristan agencies, D.G. Khan, Multan and Bahawalpur divisions, and at isolated places in upper Sindh (Sukkar and Larkana divisions). A few heavy falls are also likely in North Balochistan..

**TUESDAY**

**24-02-2015**

Widespread thunderstorm-rain (with snowfall over the hills) is expected in upper KP (Peshawar, Kohat, Malakand, Mardan , Hazara divisions) , upper parts of FATA (Bajaur, Mohmand, Khyber, Orakzai , Kurram agencies), Islamabad, upper & central Punjab (Rawalpindi, Sargodha, Faisalabad, Sahiwal, Gujranwala, Lahore divisions), north Balochistan (Quetta, Zhob, Kalat divisions), Gilgit-Baltistan and Kashmir while at scattered places of Makran, Sibbi , Nasirabad , D.I. Khan, Bannu D.G. Khan, Multan and Bahawalpur divisions, and at isolated places in upper Sindh . A few heavy falls are also likely in North Balochistan. Isolated heavy to very heavy falls accompanied with hailstorms are also expected in Peshawar, Kohat, Malakand, Hazara, Rawalpindi, Sargodha, Lahore and Gujranwala divisions, Islamabad, Kashmir and GB.

**WEDNESDAY**

**25-02-2015**

Widespread thunderstorm-rain (with snowfall over the hills) is expected in upper KP (Peshawar, Kohat, Malakand, Mardan , Hazara divisions) , upper parts of FATA Islamabad, upper & central Punjab (Rawalpindi, Sargodha, Faisalabad, Sahiwal, Gujranwala, Lahore divisions), north Balochistan (Quetta, Zhob, Kalat divisions), Gilgit-Baltistan and Kashmir while at scattered places of Makran, Sibbi , Nasirabad , D.I. Khan, Bannu ,Lakkimarwat, north and south Waziristan agencies, D.G. Khan, Multan and Bahawalpur divisions. Isolated heavy to very heavy falls accompanied with hailstorms are also expected in Peshawar, Kohat, Malakand, Hazara, Rawalpindi, Sargodha, Lahore and Gujranwala divisions, Islamabad, Kashmir and GB.

**THURSDAY**

**26-02-2015**

Mainly cold and dry weather is expected in most parts of the country, however thunderstorm rain is expected at isolated places of Malakand, Hazara, Rawalpindi, Gujranwala divisions, GB and Kashmir

**FRIDAY**

**27-02-2015**

Cold and dry weather is expected over most parts of the country. Rain-thunderstorm is expected at few places of Quetta, Zhob and Malakand divisions.

**SATURDAY**

**28-02-2015**

Cold and dry weather is expected over most parts of the country. Rain-thunderstorm is expected at isolated places of Quetta, Zhob , Malakand and Hazara divisions.

Zhob , Kalat, Sibbi, Nasirabad, Sukkur & DG Khan, Multan, divisions. Dry weather is expected 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 16<sup>th</sup> to 22<sup>nd</sup> February, 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	-0.6	-2.5	-8.8	51	9.1	7.6	7.3	0.9	2.8
Badin	19.6	19	148.5	62	0	2.0	0.4	2.3	4.4
Bahawalnagar	14.3	12.8	102.3	65	0	6.1	5.0	2.3	2.8
Bahawalpur	14.4	13.3	102.6	70	0	4.0	1.9	0.3	4.4
Balakot	7.3	5.8	47.0	72	52	7.4	6.3	0.7	0.0
Bannu	9.1	7	72.8	64	12	4.1	5.3	0.0	23.4
Barkhan	10.7	9	86.0	55	2	2.1	2.7	0.3	1.6
Bunji	7.3	5.6	45.2	44	1.1	6.7	6.3	3.1	0.8
Cherat	3.7	2.5	21.3	72	43	6.6	5.6	4.0	3.2
Chhor	17.5	15.5	142.4	66	0	1.1	0.6	1.7	5.2
Chilas	7.1	4.4	50.2	39	0.3	7.4	5.1	0.6	2.5
Chitral	2.7	1.8	18.2	54	24	8.0	7.3	0.0	4.8
DG.Khan	15.0	13.8	104.3	63	1.1	2.9	2.0	5.1	4.8
D.I.Khan	10.7	9.5	85.0	68	8	5.7	3.7	0.3	0.8
Dir	2.4	1	12.3	67	94	8.0	6.9	0.0	2.0
Drosh	0.6	-0.5	13.1	53	22	7.9	6.6	0.6	13.2
Faisalabad	13.8	12.3	95.7	72	6.5	5.0	5.7	1.1	0.7
Garidopatta	6.4	6	44.3	64	52	5.7	5.7	0.0	0.8
Gawader	18.9	18	137.5	77	0	1.6	2.1	1.4	11.0
Gilgit	3.1	0	31.1	50	0.1	6.9	6.6	0.6	2.4

Gupis	-1.3	-2	-3.3	43	0	6.7	6.6	1.4	2.4
Hyderabad	18.1	15	138.3	66	0	0.0	0.4	6.0	13.2
Islamabad	10.5	9.5	72.1	68	46.1	6.6	5.0	0.3	1.0
Jacobabad	15.3	14	114.3	66	0	1.3	1.1	0.9	2.0
Jhang	11.2	10.5	86.1	69	7	2.4	4.6	0.9	0.8
Jhelum	12.3	10.8	85.2	71	25.1	6.1	4.9	0.3	2.8
Jiwani	18.4	17	123.9	72	0	1.3	2.0	2.9	9.6
Joharabad	12.6	11	85.8	73	3.2	4.6	4.4	1.1	1.6
Kakul	4.8	3.5	34.3	73	35	6.7	4.9	0.0	0.4
Kalam	0.0	-0.5	-12.3	53	65	8.0	7.4	0.0	1.2
Kalat	-1.1	-2.5	1.0	43	0	0.0	0.7	0.0	0.8
Karachi	19.4	18.5	143.4	70	0	1.1	0.6	2.6	9.6
Khanpur	14.1	12.8	107.0	71	0	0.4	1.1	0.6	2.8
Khuzdar	12.8	11.5	105.8	26	0	0.7	1.4	0.0	2.8
Kotli	10.3	8.4	70.0	68	54.1	6.3	4.1	2.3	2.6
Lahore	12.6	11.5	96.2	69	26.5	6.3	6.0	3.4	4.8
Larkana	16.9	15.5	124.6	62	0	1.1	0.7	2.6	4.8
Lasbella	14.7	14	130.8	61	0	2.4	1.0	0.3	6.8
Lower Dir	8.1	6	56.5	63	19	8.0	4.9	0.9	3.6
Malam Jabba	0.8	0	-2.0	69	51	7.7	6.4	0.0	0.8
M.B Din	12.8	10.8	87.0	74	19.2	7.1	5.3	1.4	1.2
Mangla	11.5	10	81.2	72	23.4	6.1	5.3	0.9	0.0
Mir Khani	3.7	2.5	41.0	49	14	7.4	5.3	0.7	1.6
Moinjodaro	15.3	14.5	116.0	65	0	0.7	0.6	0.9	4.8
Multan	14.1	13.2	100.8	67	1.1	4.0	2.9	4.6	8.5
Murree	3.1	2	14.4	80	69	5.6	5.9	1.4	1.6

Muzaffarabad	7.5	6.8	54.7	67	50.1	7.3	4.7	0.0	1.2
Nokkundi	15.6	13.5	126.2	15	2	1.1	2.9	15.7	3.2
Noorpurthal	13.2	11.5	96.5	71	6	2.6	4.6	0.6	1.2
Okara	14.6	12.5	101.6	66	3.1	5.3	3.1	2.9	1.2
Padidan	15.2	14	117.8	65	0	0.4	0.7	1.7	3.2
Panjgur	11.7	11	104.0	41	0	0.4	1.0	4.6	7.2
Parachinar	-3.6	-5.2	-20.2	71	70.1	6.6	6.6	3.0	3.8
Pasni	17.4	16	127.0	78	5	2.3	2.7	0.6	12.4
Peshawar	7.6	6.5	77.9	69	68	5.9	6.6	1.1	3.6
Quetta	8.0	7	65.9	35	0	3.5	4.6	2.2	4.1
R.Y.Khan	15.8	15.3	116.7	65	0	0.6	0.7	2.3	4.2
Rawalakot	3.0	1.5	19.7	83	76	5.9	4.7	0.0	1.2
Rohri	16.6	16	120.0	61	0	0.9	0.7	2.6	3.0
Rawalpindi	10.9	10	74.7	79	39.1	5.3	4.4	0.2	0.3
Sahiwal	12.6	9.5	92.2	67	0	6.0	4.4	2.3	2.4
Saidu Sharif	7.9	5.5	48.5	66	27.2	7.6	5.0	0.9	2.0
Sialkot	12.4	10.8	83.0	71	57	6.4	6.0	1.1	1.0
Sibbi	14.7	9.5	114.8	57	0	0.0	2.4	0.0	0.0
Skardu	0.0	-4.6	-6.3	55	2.1	7.9	6.0	0.0	0.8
Tandojam	16.4	15	131.0	72	0	0.0	0.4	1.1	0.6
Usta.M	14.2	5.7	113.1	68	0	1.3	1.1	0.0	0.1
Zhob	7.8	7	65.0	54	10	4.6	5.1	5.0	5.0

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