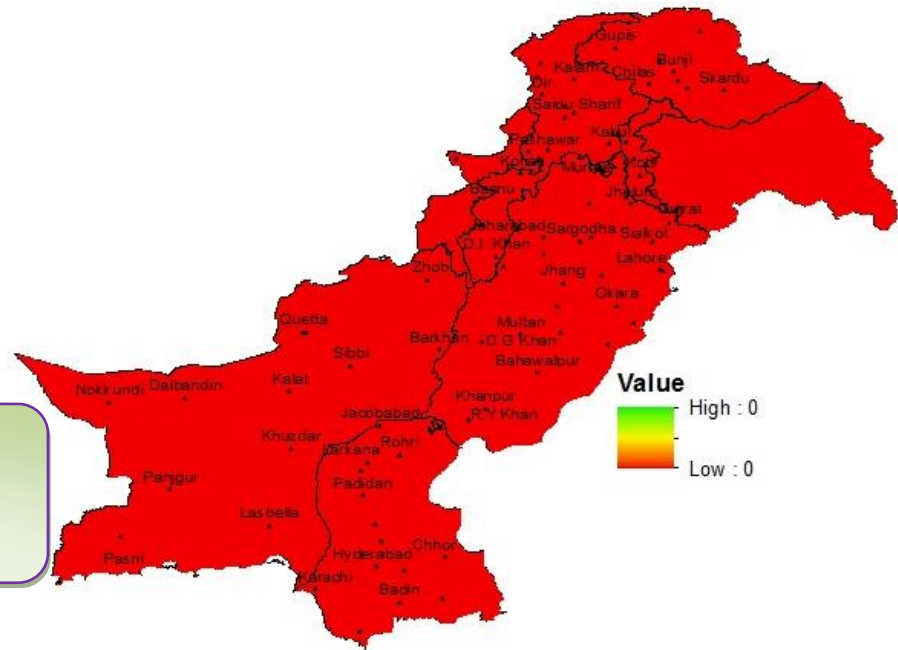


# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)**

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**Highlights of Past Weather (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)**

Mainly normal day time temperature was reported from most parts of the country during the week. Dry weather was reported throughout the nation.

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

## **Past Weather of Provinces (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)**

### **Punjab**

Dry weather was reported in Punjab during the week. Weekly maximum and minimum temperatures recorded 14.6°C & 5.5°C respectively. For the present season average 35.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 81% and wind speed in the morning/evening 0.6/0.7Knots. During the previous week lowest minimum temperature was recorded 0.0°C at Chakwal.

### **Sindh**

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 24.2°C & 9.2°C respectively. For the present season average 81.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 75% and wind speed in the morning/evening recorded 0.5/2.0Knots. During the previous week lowest minimum temperature was recorded 2.4°C at Dadu.

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

Dry weather was reported in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 14.0°C & -1.9°C respectively. For the present season average 27.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 53% and wind speed in the morning/evening recorded 1.2/1.4Knots. During the previous week lowest minimum recorded -9.6°C at Skardu.

### **Balochistan**

Dry weather was reported in Balochistan during the week. Weekly maximum and minimum

temperatures recorded 23.9°C & 6.7°C respectively. For the present season average 68.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 1.2/4.1Knots. During the previous week lowest minimum temperature recorded -5.0°C at Kalat.

### **Khyber Pakhtunkhwa**

Light rainfall was reported in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 16.4°C & 0.5°C respectively. For the present season average 26.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 52% and wind speed in the morning/evening recorded 1.0/2.4Knots. During the previous week lowest minimum temperature recorded -9.0°C at Parachinar.

**Past Weather for Major Agricultural Plains  
(From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)****Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.7/1.4Oktas while, average relative humidity observed 69%.Mean night time temperature recorded 3.2°C &for the present season 44.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.2/0.5Knots.

**Faisalabad (Central Punjab)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.6/2.3Oktas while average relative humidity observed as 77%.Mean night time temperature recorded 7.0°C &for the present season 43.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.5/0.5Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.6/2.7Oktas while, average relative humidity observed as 26%.Mean night time temperature recorded 1.9°C for the present season 40.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.5/2.3Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 76%.Mean night time temperature recorded 5.4°C&for the present season 61.2 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 1.1/0.4 Oktas while average relative humidity observed as 75%.Mean night time temperature recorded 9.7°C &for the present season 92.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.3/0.3Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)****Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 6.3/1.2Oktas while, average relative humidity observed as 87%.Mean night time temperature recorded 7.0°C&for the present season 43.5growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.0/2.0Knots.

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.1/0.0Oktas while, average relative humidity observed as 78%.Mean night time temperature recorded 9.4°C&for the present season 70.3growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.0/1.0Knots.

**Lahore**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 9.0/3.7Oktas while, average relative humidity observed as 87%.Mean night time temperature recorded 7.8°C&for the present season 70.3growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.0Knots.

**Zhob**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/2.0Oktas while, average relative humidity observed as 36%.Mean night time temperature recorded 0.9°C&for the present season 34.2growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.1Knots.

**D.I. Khan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 9.0/1.5Oktas while, average relative humidity observed as 81%.Mean night time temperature recorded 3.1°C&for the present season 28.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0Knots.

**Peshawar**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/1.7Oktas while, average relative humidity observed as 64%.Mean night time temperature recorded 3.2°C &for the present season 52.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.7Knots.

**Murree**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/1.0Oktas while, average relative humidity observed as 30%.Mean night time temperature recorded 2.4°C &for the present season 26.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.0/0.7Knots.

**Kalam**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 4.1/0.0Oktas while, average relative humidity observed as 61%.Mean night time temperature recorded -1.7°C&for the present season 1.0 growing degree days accumulated by the end of last week .Wind speed recorded in the morning/evening as 0.0/0.0Knots.

**Gilgit**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.7/2.5Oktas while, average relative humidity observed as 66%.Mean night time temperature recorded -3.5°C&for the present season 2.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.0nots.

**Skardu**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 4.1/2.0Oktas while, average relative humidity observed as 67%.Mean night time temperature recorded -7.5°C 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:* Poor condition at *Third Leaf* stage.

**Central Punjab (Faisalabad)**

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

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

**Lower Sindh (Tandojam)**

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

*Wheat TJ 83:* Good condition at *shooting* stage.

**Northern Balochistan (Quetta)**

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

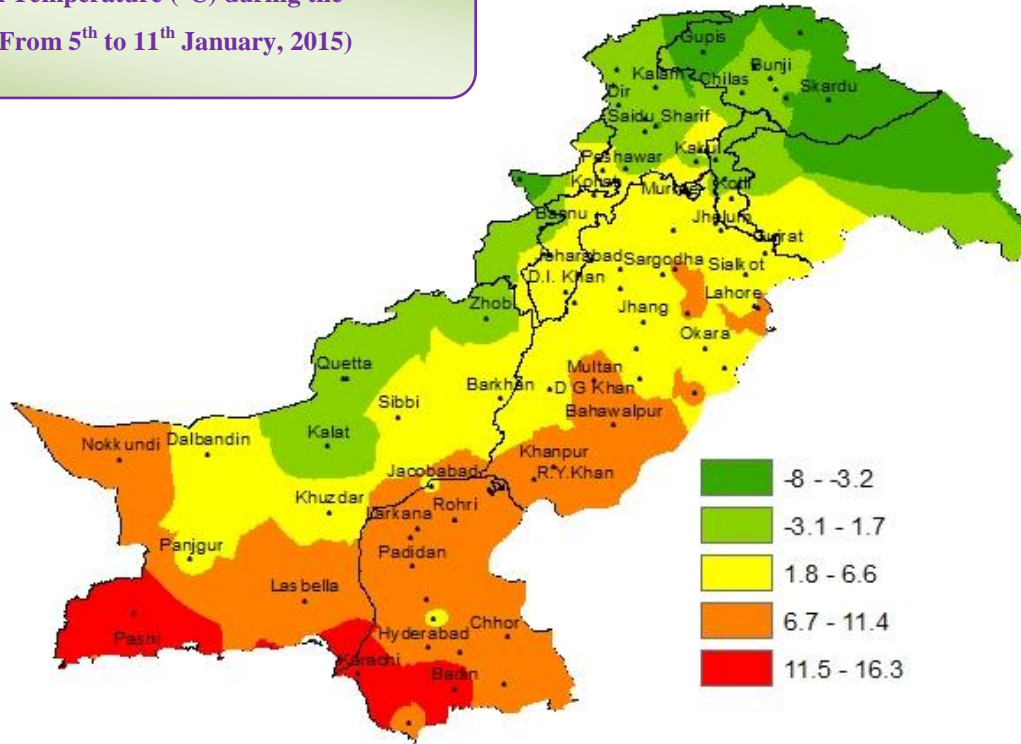
*Wheat:* Good condition at *Third leaf* stage.

**Eastern Balochistan (Usta Muhammad)**

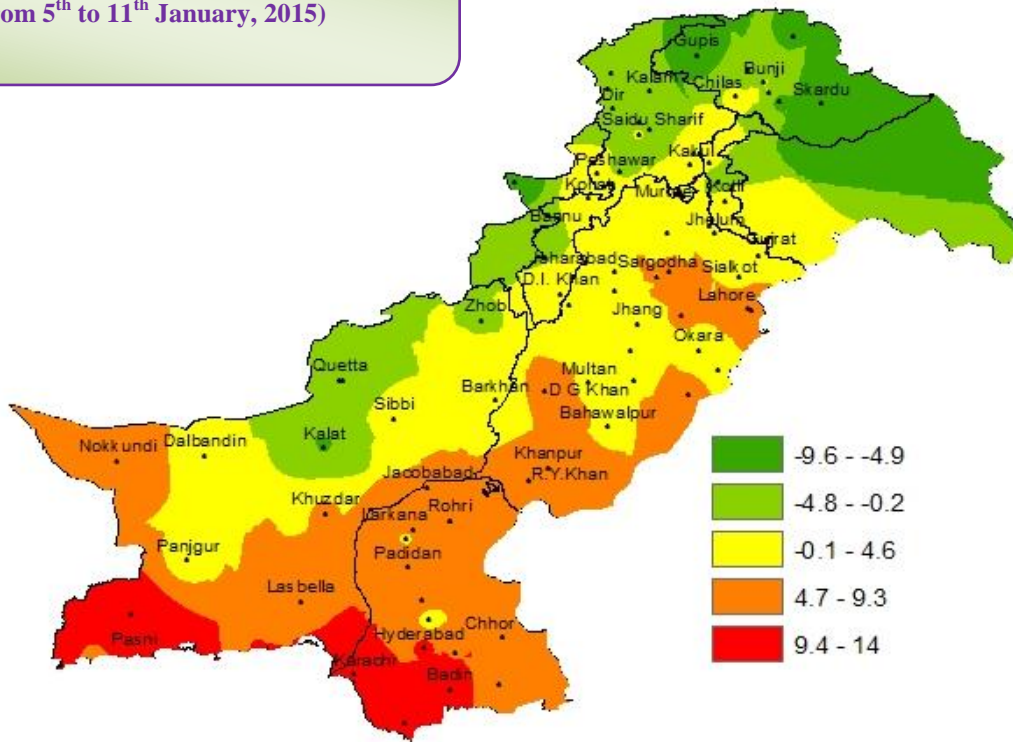
There is presently one crop grown in the fields of RAMC Usta Muhammad.

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

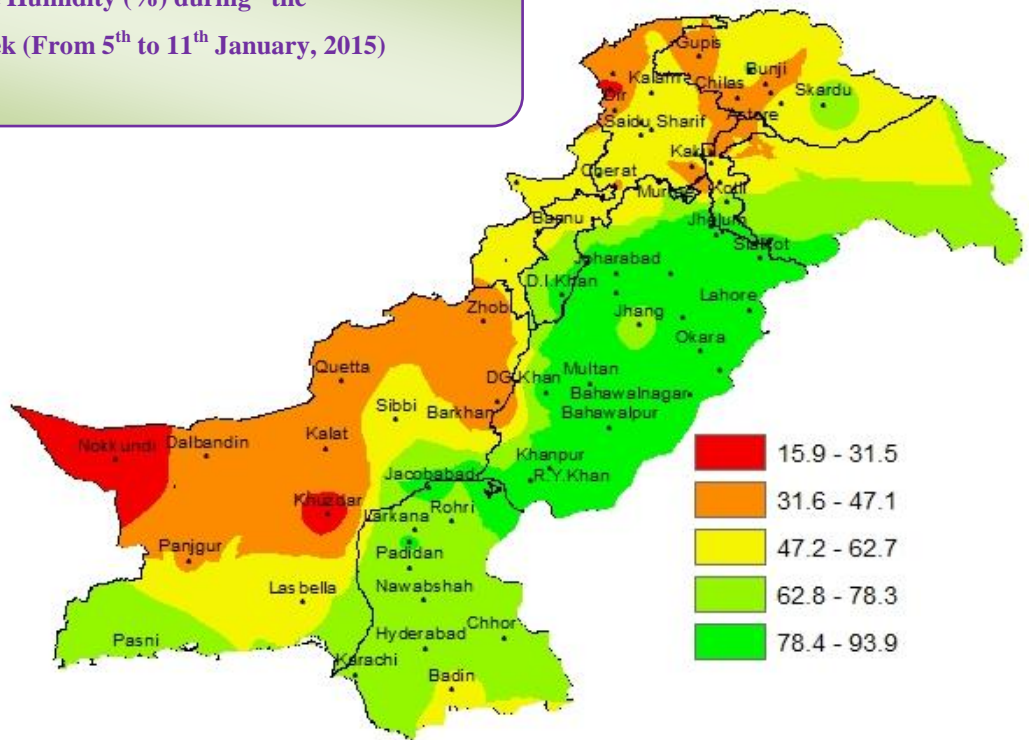
Mean Minimum Temperature (°C) during the Previous week (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)



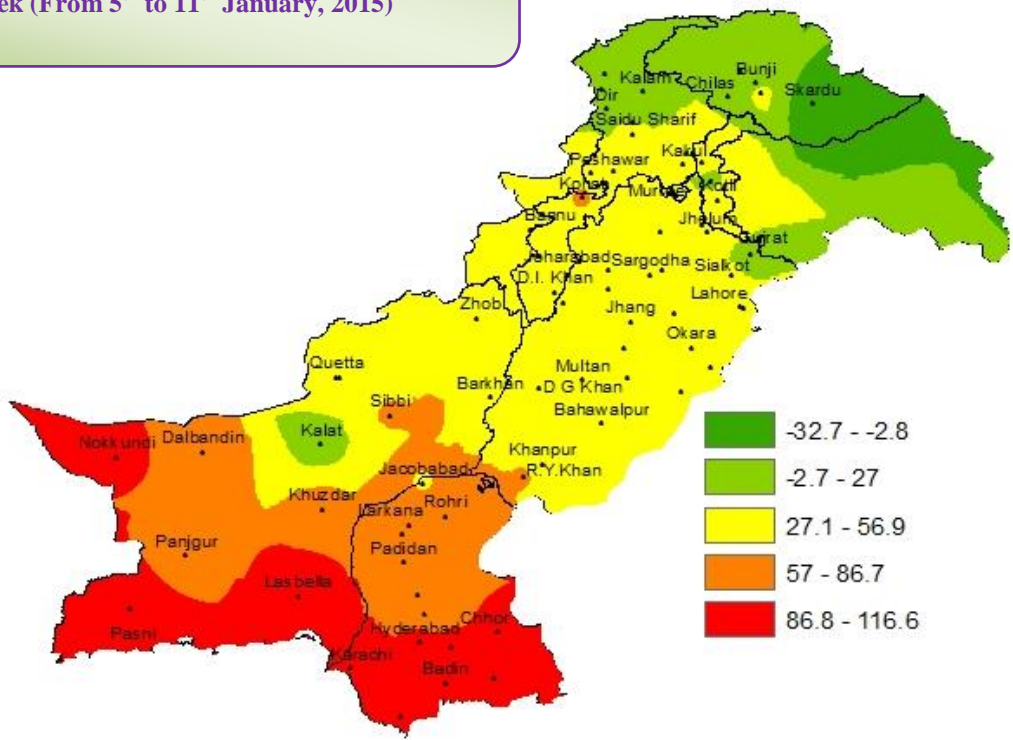
Lowest Minimum Temperature (°C) during the Previous week (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)



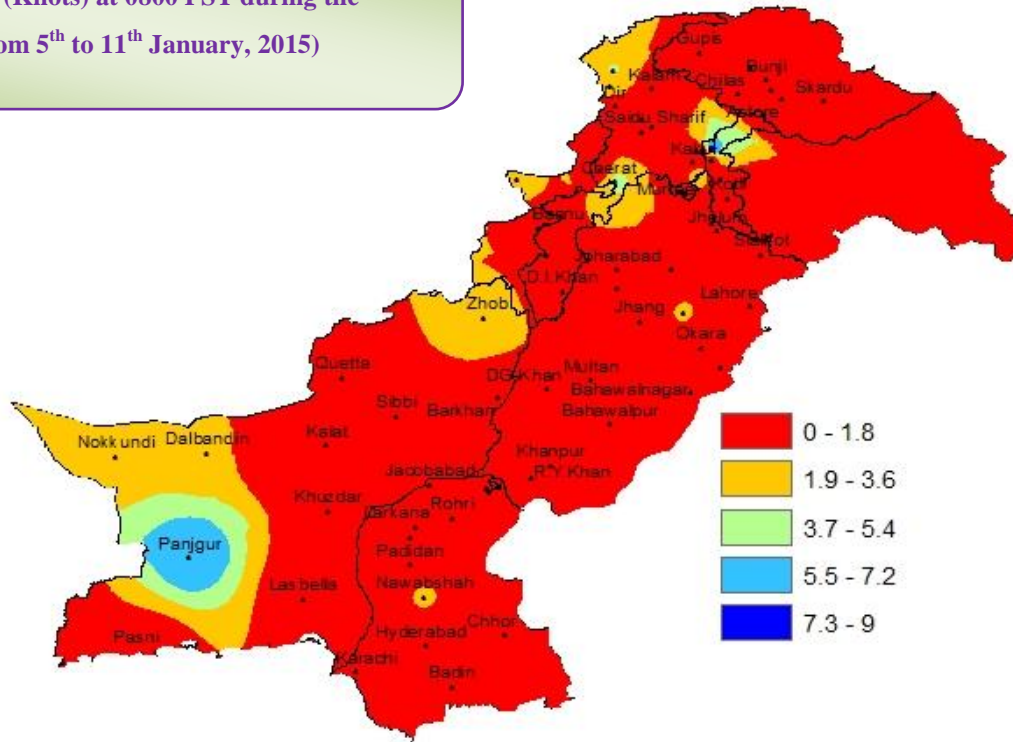
Mean Relative Humidity (%) during the Previous week (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)



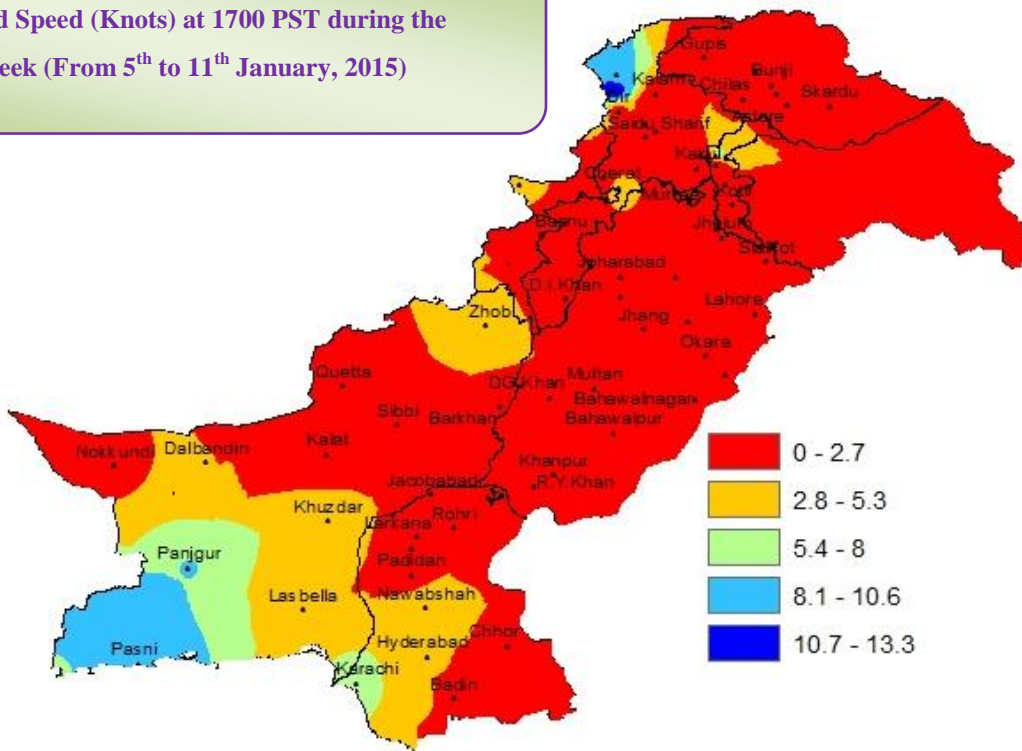
Total Growing Degree Days accumulated during the Previous week (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)



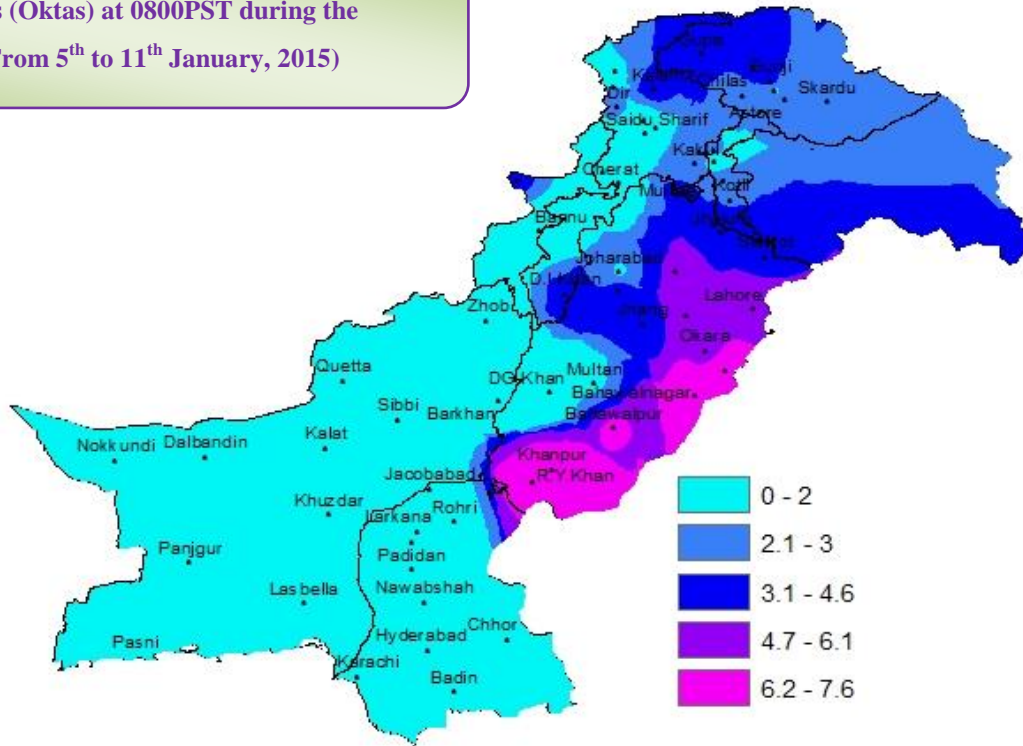
Mean Wind Speed (Knots) at 0800 PST during the Previous week (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)



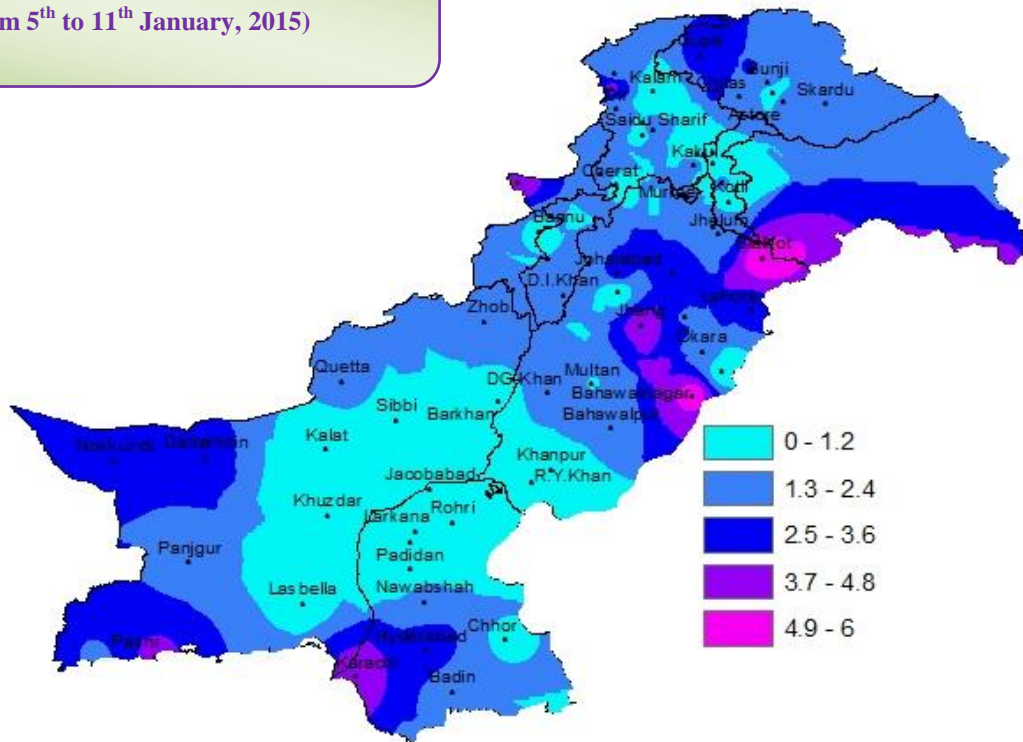
Mean Wind Speed (Knots) at 1700 PST during the Previous week (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (From 5<sup>th</sup> to 11<sup>th</sup> January, 2015)





**Weekly Weather Advisory for Farmers**  
**(From 12<sup>th</sup> to 18<sup>th</sup> January, 2015)**

A westerly wave is expected to approach upper parts of the country from tonight and would persist in following 2 days. Continental air would prevail over most parts of the country during rest of the days of the week.

**MONDAY**

**12-01-2015**

Very cold and dry weather is expected over most parts of the country; however, cloudy weather conditions would prevail over north Baluchistan, Khyber Pakhtunkhwa and Gilgit-Baltistan. Light rain with light snowfall over the hills is also expected at isolated places in Malakand, Quetta, Zhob divisions and FATA region including Parachinar tonight. Dense Foggy conditions are likely to reduce over plain areas of Punjab and upper Sindh.

**TUESDAY**

**13-01-2015**

Rain with snow over hills is expected at isolated places of north Baluchistan (Quetta, Zhob divisions), Khyber Pakhtunkhwa, upper Punjab (Sargodha, Rawalpindi, Lahore, and Gujranwala divisions), Islamabad, Kashmir and Gilgit-Baltistan. Very cold and dry weather is expected over other parts of the country.

**WEDNESDAY**

**14-01-2015**

Rain (with snowfall over the hills) is expected at scattered places in Kashmir and Gilgit-Baltistan while at isolated in upper KP, Islamabad, upper Punjab (Sargodha, Gujranwala, Lahore, and Rawalpindi divisions). Very cold and dry weather is expected in other parts of the country.

**THURSDAY**

**15-01-2015**

Very cold and dry weather is expected in most parts of the country; however, light rain (with snowfall over the hills) is expected at isolated places in Kashmir and Gilgit-Baltistan. Foggy conditions may occur in some plain areas of Punjab and upper Sindh during night and morning hours.

**FRIDAY**

**16-01-2015**

Very cold and dry weather is expected in most parts of the country. Foggy conditions are expected to prevail in plain areas of Punjab and upper Sindh during night and morning hours.

**SATURDAY**

**17-01-2015**

Very cold and dry weather is expected in most parts of the country. Foggy conditions are expected to prevail in plain areas of Punjab and upper Sindh during night and morning hours.

**SUNDAY**

**18-01-2015**

Very cold and dry weather is expected in most parts of the country. Foggy conditions are expected to prevail in plain areas of Punjab and upper Sindh during night and morning hours.

**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 5<sup>th</sup> to 11<sup>th</sup> January, 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	-4.7	-6.6	***	56	0.0	2.7	1.7	0.9	1.0
Badin	13.0	12.0	116.6	62	0.0	0.3	1.3	0.9	2.3
Bahawalnagar	6.7	5.0	33.8	86	0.0	9.0	5.5	0.0	0.0
Bahawalpur	6.7	4.5	38.0	81	0.0	8.0	1.8	0.0	0.3
Balakot	2.0	1.1	42.3	57	0.0	1.9	0.0	0.0	0.0
Bannu	1.5	-2.5	44.5	57	0.0	3.3	0.8	0.3	0.3
Barkhan	4.8	2.5	55.8	32	0.0	0.0	0.3	0.3	1.3
Bunji	1.1	0.0	14.9	37	0.0	3.0	1.7	0.3	0.7
Cherat	5.2	4.0	33.4	46	0.0	0.4	1.0	4.3	3.7
Chhor	9.2	9.0	93.7	64	0.0	2.1	1.0	0.0	1.7
Chilas	1.1	0.5	19.9	40	0.0	2.9	2.3	0.0	1.0
Chitral	-0.1	-0.8	12.2	40	0.0	1.7	1.5	3.7	8.7
DG.Khan	6.2	5.5	41.1	84	0.0	1.1	2.2	0.9	2.0
D.I.Khan	3.1	1.0	28.5	81	0.0	9.0	1.5	0.0	0.0
Dalbandin	4.9	3.0	76.8	37	0.0	1.4	2.8	2.0	2.7
Dir	-2.0	-3.5	18.4	47	0.0	1.9	1.5	0.0	1.0
Drosh	-0.7	-1.9	8.8	23	0.0	2.6	4.0	3.1	13.3
Faisalabad	7.0	5.0	43.5	77	0.0	0.5	0.5	1.6	2.3
Garidopatta	1.0	0.5	42.3	65	0.0	1.1	0.0	0.0	0.0
Gawader	11.3	8.0	99.9	75	0.0	1.9	2.0	0.0	9.0
Gilgit	-3.5	-5.0	2.0	66	0.0	3.7	2.5	0.0	0.0

Gupis	-5.9	-7.0	***	43	0.0	3.7	2.8	1.7	1.3
Hyderabad	11.3	10.0	101.2	67	0.0	0.6	3.3	0.0	2.7
Islamabad	2.6	1.5	41.1	74	0.0	4.1	1.3	0.0	0.3
Jacobabad	6.4	5.0	55.8	79	0.0	2.0	0.8	1.1	1.0
Jhang	5.1	3.5	31.9	75	0.0	9.0	4.5	0.0	0.7
Jhelum	5.5	4.4	37.4	84	0.0	9.0	1.8	0.3	2.7
Jiwani	14.9	13.0	109.1	71	0.0	3.0	3.0	1.4	7.7
Joharabad	6.1	4.0	41.1	83	0.0	8.0	3.2	0.6	0.7
Kakul	1.2	0.5	36.3	43	0.0	1.4	1.8	0.0	0.3
Kalam	-1.7	-4.0	1.0	61	0.0	4.0	0.0	0.0	0.0
Kalat	-2.6	-5.0	12.6	41	0.0	0.0	0.0	0.0	0.3
Karachi	13.7	13.0	111.4	69	0.0	3.6	4.2	0.3	6.3
Khanpur	6.7	5.2	46.9	85	0.0	8.3	0.3	0.9	1.0
Khuzdar	5.6	5.0	67.9	27	0.0	0.0	0.0	0.0	4.7
Kotli	2.5	1.5	43.6	67	0.0	2.6	1.0	0.6	1.3
Lahore	7.8	6.0	38.5	87	0.0	9.0	3.0	0.3	0.0
Larkana	8.0	6.5	65.0	74	0.0	0.4	1.2	0.6	1.3
Lasbella	10.4	8.0	110.9	61	0.0	3.9	0.7	0.0	3.0
Lower Dir	-0.4	-1.0	24.8	62	0.0	2.3	1.2	0.3	1.7
Malam Jabba	-3.8	-4.0	***	50	0.0	1.9	1.3	0.3	0.0
M.B Din	7.1	6.0	31.7	94	0.0	9.0	3.3	0.3	1.7
Mangla	4.3	3.3	32.4	84	0.0	7.9	1.3	0.0	0.0
Mir Khani	2.0	0.0	34.1	44	0.0	1.3	0.3	0.0	2.7
Moinjodaro	7.0	4.0	62.5	80	0.0	0.0	0.0	0.9	2.0
Multan	7.0	4.3	43.5	87	0.0	6.3	1.2	1.1	2.0
Murree	2.4	1.0	26.0	30	0.0	1.0	1.0	3.1	0.7

Muzaffarabad	2.0	0.5	47.4	66	0.0	1.3	1.2	0.3	0.0
Nokkundi	9.9	8.3	93.3	16	0.0	2.1	2.7	2.6	2.0
Noorpurthal	4.1	0.5	35.0	84	0.0	3.9	0.0	0.0	0.0
Okara	6.4	4.2	36.0	91	0.0	9.0	2.0	0.3	0.3
Padidan	8.6	7.5	72.8	74	0.0	0.4	0.3	0.9	1.7
Panjgur	5.8	2.7	64.5	47	0.0	0.7	1.8	7.1	8.0
Parachinar	-8.1	-9.0	***	56	0.0	3.6	4.5	3.0	4.0
Pasni	13.5	13.0	106.2	75	0.0	2.9	3.8	0.3	9.3
Peshawar	3.2	1.5	52.4	64	0.0	1.0	1.7	0.3	0.7
Quetta	1.9	0.5	40.4	26	0.0	1.6	2.7	1.5	2.3
R.Y.Khan	7.5	6.0	58.3	82	0.0	5.6	0.5	0.6	0.0
Rawalakot	-2.0	-2.5	18.7	53	0.0	1.9	1.3	0.0	1.3
Rohri	9.4	8.0	70.3	78	0.0	0.1	0.0	1.0	1.0
Rawalpindi	3.2	2.5	44.8	69	0.0	2.7	1.4	0.2	0.5
Sahiwal	5.0	4.0	31.5	85	0.0	9.0	0.0	0.3	0.0
Saidu Sharif	1.6	0.5	35.4	53	0.0	2.1	1.2	0.0	0.0
Sialkot	5.3	3.8	26.7	79	0.0	9.0	6.0	0.0	0.0
Sibbi	2.9	1.5	58.7	57	0.0	0.0	0.7	0.0	0.3
Skardu	-7.5	-9.6	***	67	0.0	4.1	2.0	0.0	0.0
Tandojam	9.7	2.5	92.8	75	0.0	1.1	0.4	0.3	0.3
Usta.M	5.4	4.3	61.2	76	0.0	0.0	0.0	0.1	0.0
Zhob	0.4	-0.5	34.2	36	0.0	0.6	2.0	0.1	0.1

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