

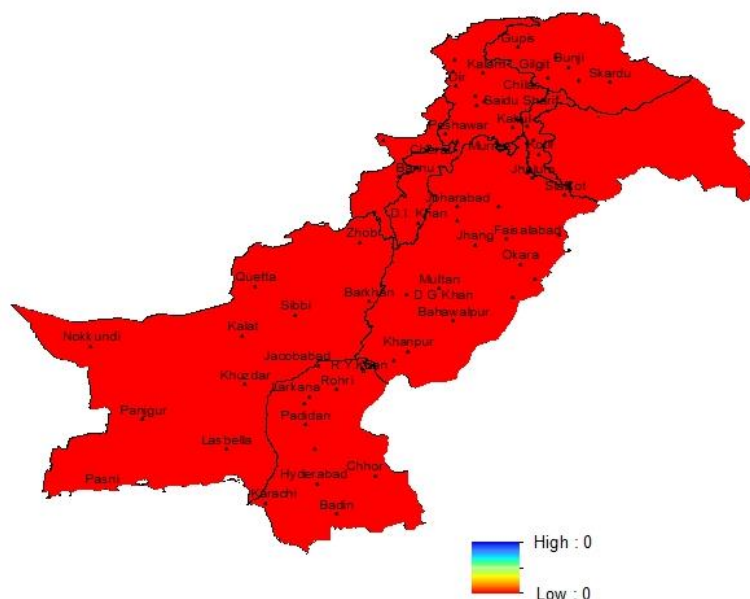
# Weekly Weather and Crop Bulletin for Pakistan

**NATIONAL AGROMET CENTRE  
PAKISTAN METEOROLOGICAL  
DEPARTMENT SECTOR H-8/2,  
ISLAMABAD.**

**Phone: +92-51-9250592**

**Email: [info@namc.pmd.gov.pk](mailto:info@namc.pmd.gov.pk)**

**Rainfall Distribution (mm) during the  
Previous Week (From 1<sup>st</sup> to 7<sup>th</sup> December, 2014)**



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

## Highlights of Past Weather (From 1<sup>st</sup> to 7<sup>th</sup> December, 2014)

Mainly normal day time temperature was reported from most parts of the country during the week. Province wise distribution of rainfall reported as follows:

- Dry weather was reported in Punjab, Khyber Pakhtunkhwa, Gilgit-Baltistan, Sindh and Balochistan

## Past Weather of Provinces (From 1<sup>st</sup> to 7<sup>th</sup> December, 2014)

### Punjab

Dry weather was reported in Punjab during the week. Weekly maximum and minimum temperatures recorded 26.6°C & 9.5°C respectively. For the present season average 115.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening 0.2/0.6Knots. During the previous week lowest minimum temperature was recorded 5.0°C at Murree.

### Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 29.9°C & 14.6°C respectively. For the present season average 145.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 59% and wind speed in the morning/evening recorded 0.3/3.3Knots. During the previous week lowest minimum temperature was recorded 10.0°C at Moin-Ja- Daro.

### Khyber Pakhtunkhwa

Dry weather was reported in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 19.7°C & 4.5°C respectively. For the present season average 66.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 55% and wind speed in the morning/evening recorded 0.5/1.7.Knots. During the previous week lowest minimum temperature recorded -3.0°C at Kalam.

### Balochistan

Dry weather was reported in Balochistan during the week. Weekly maximum and minimum temperatures recorded 14.5°C & 9.6°C respectively. For the present season average 106.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 41% and wind speed in the morning/evening recorded 4.0/4.6Knots. During the previous week lowest minimum temperature recorded -1.5°C at Samungli.

### Gilgit-Baltistan and Azad Jammu & Kashmir

Dry weather was reported in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 17.1°C & 1.2°C respectively. For the present season average 52.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 57% and wind speed in the morning/evening recorded 0.5/0.4Knots. During the previous week lowest minimum recorded -6.6°C at Skardu.

**Past Weather for Major Agricultural Plains  
(From 1<sup>st</sup> to 7<sup>th</sup> December, 2014)****Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed 63%.Mean night time temperature recorded 6.6°C &for the present season 71.1growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.9Knots.

**Faisalabad (Central Punjab)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/0.4Oktas while average relative humidity observed as 54%.Mean night time temperature recorded 8.8°C &for the present season 94.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.7/1.6Oktas while, average relative humidity observed as 33%.Mean night time temperature recorded 2.6°C for the present season 32.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/2.9Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.8Oktas while, average relative humidity observed as 65%.Mean night time temperature recorded 12.8°C&for the present season 110.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0Knots.

**Tandojam (Lower Singh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while average relative humidity observed as 63%.Mean night time temperature recorded 6.6°C &for the present season 71.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.9Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 1<sup>st</sup> to 7<sup>th</sup> December, 2014)****Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.5/0.4Oktas while, average relative humidity observed as 67%.Mean night time temperature recorded 12.2°C&for the present season 122.2growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0Knots.

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 60%.Mean night time temperature recorded 15°C&for the present season 136 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.6Knots.

**Lahore**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.7/0.4Oktas while, average relative humidity observed as 56%.Mean night time temperature recorded 11.4°C&for the present season 120.0growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.0Knots.

**Zhob**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/0.6Oktas while, average relative humidity observed as 36%. Mean night time temperature recorded 4.0°C & for the present season 72.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.2/5.0Knots.

**D.I. Khan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 61%. Mean night time temperature recorded 7.9°C & for the present season 116.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.6Knots.

**Peshawar**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/1.0Oktas while, average relative humidity observed as 65%. Mean night time temperature recorded 7.7°C & for the present season 106.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.9Knots.

**Murree**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 00/0.0Oktas while, average relative humidity observed as 58%. Mean night time temperature recorded 6.5°C & for the present season 35 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/0.9Knots.

**Kalam**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.9Oktas while, average relative humidity observed as 52%. Mean night time temperature recorded -1.3°C & for the present season 31.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 00/0.0Knots.

**Gilgit**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.0/2.3Oktas while, average relative humidity observed as 68%. Mean night time temperature recorded -1.1°C & for the present season 43 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.0Knots.

**Skardu**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.8/2.9Oktas while, average relative humidity observed as 68%. Mean night time temperature recorded -1.1°C & for the present season 43 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.0Knots.

**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.

*Maize:* Good condition at *Emergence stage*.

**Central Punjab (Faisalabad)**

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

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

**Lower Sindh (Tandojam)**

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

*Wheat:* Good condition at *Third Leaf*.

**Northern Balochistan (Quetta)**

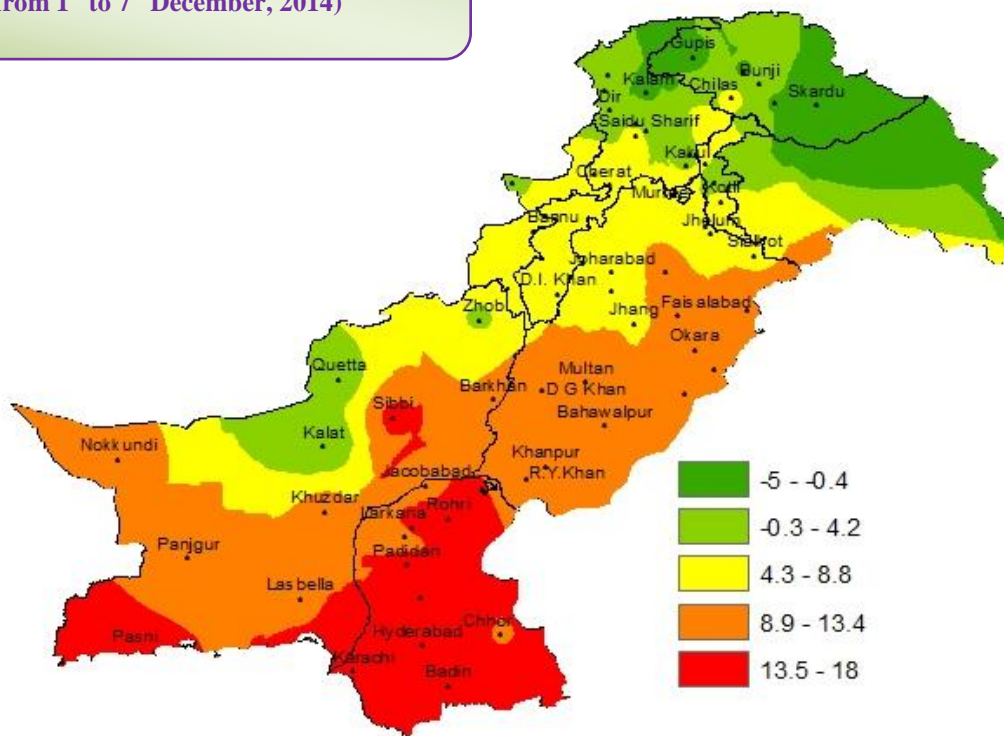
There is presently no crop in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

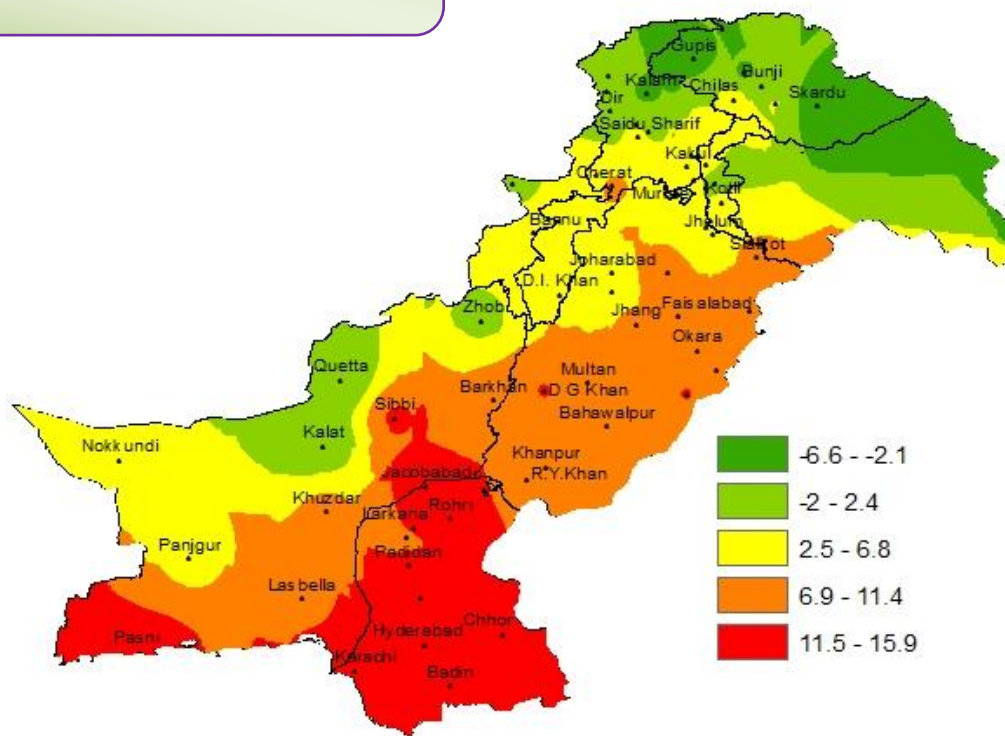
There is presently one crop grown in the fields of RAMC Usta Muhammad.

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

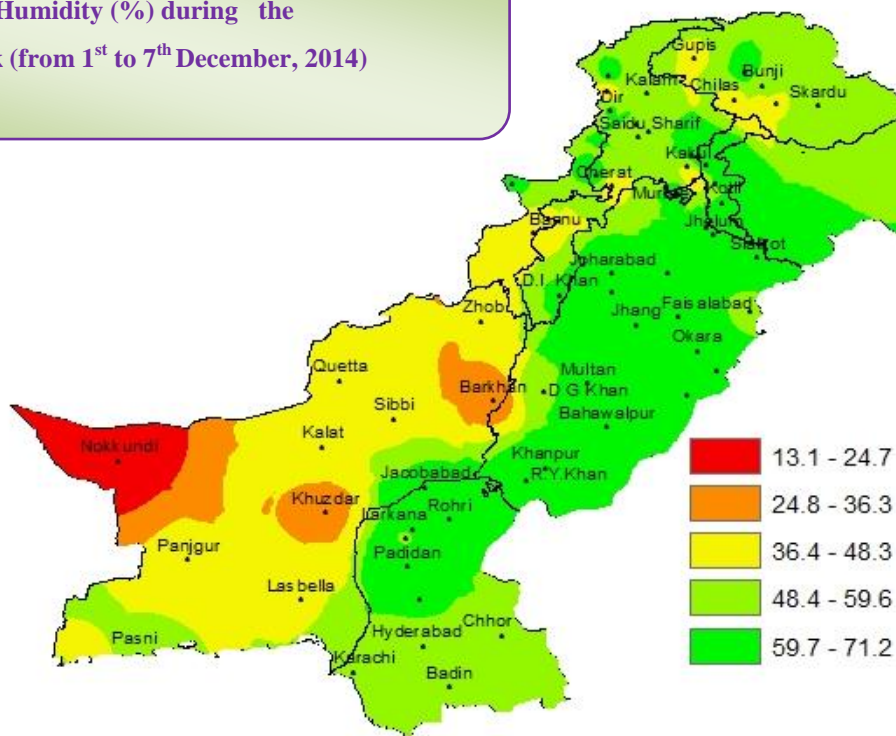
Mean Minimum Temperature (°C) during the Previous week (from 1<sup>st</sup> to 7<sup>th</sup> December, 2014)



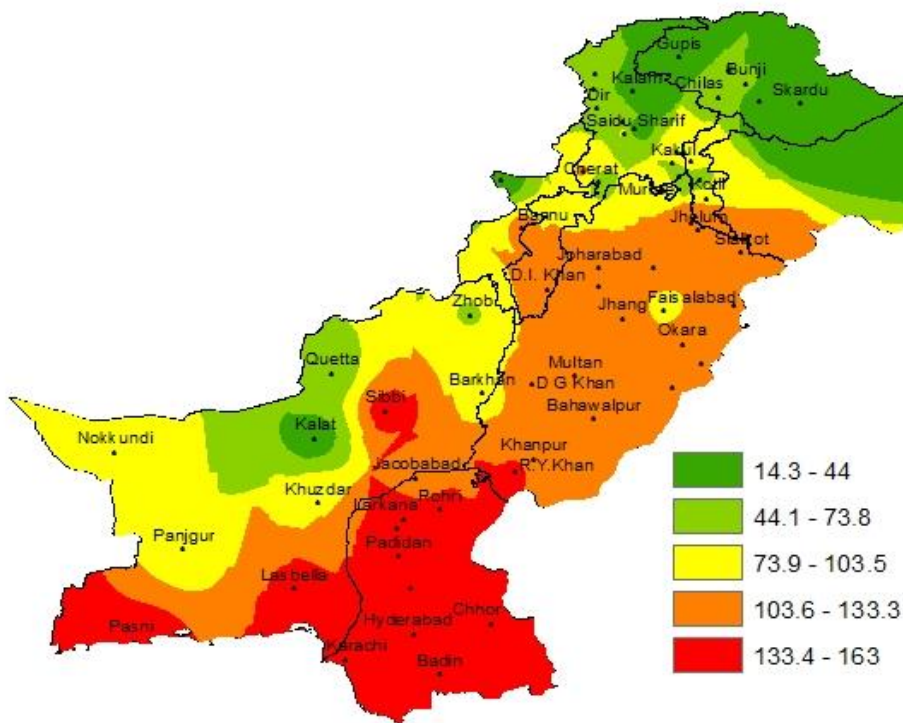
Lowest Minimum Temperature (°C) during the Previous week (from 1<sup>st</sup> to 7<sup>th</sup> December, 2014)



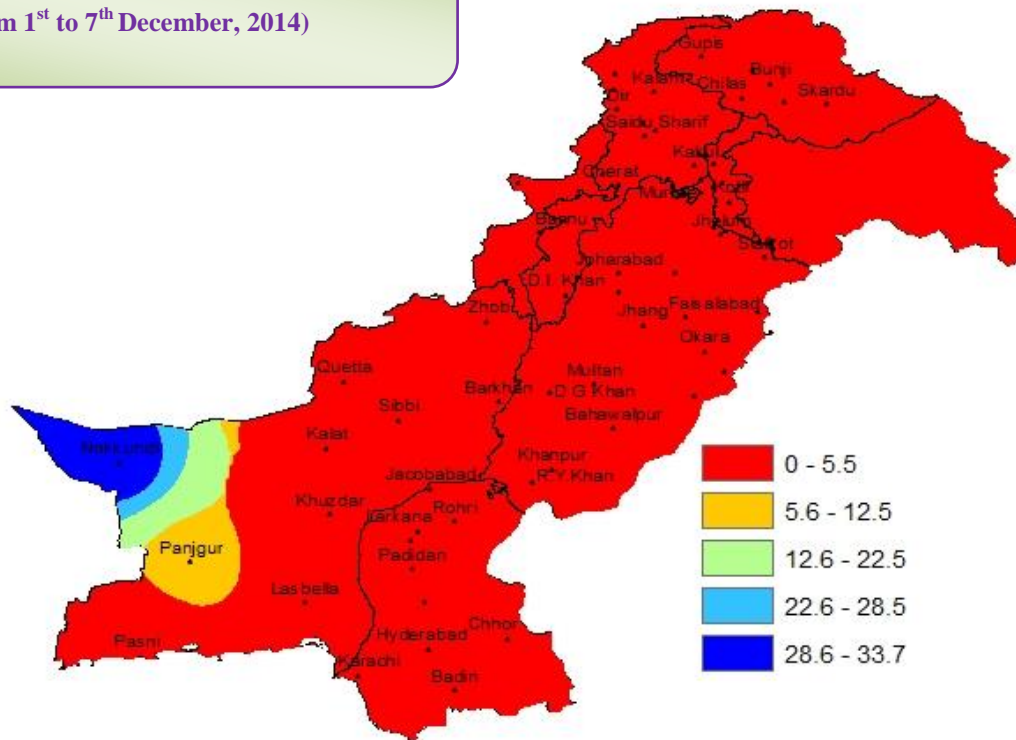
Mean Relative Humidity (%) during the Previous week (from 1<sup>st</sup> to 7<sup>th</sup> December, 2014)



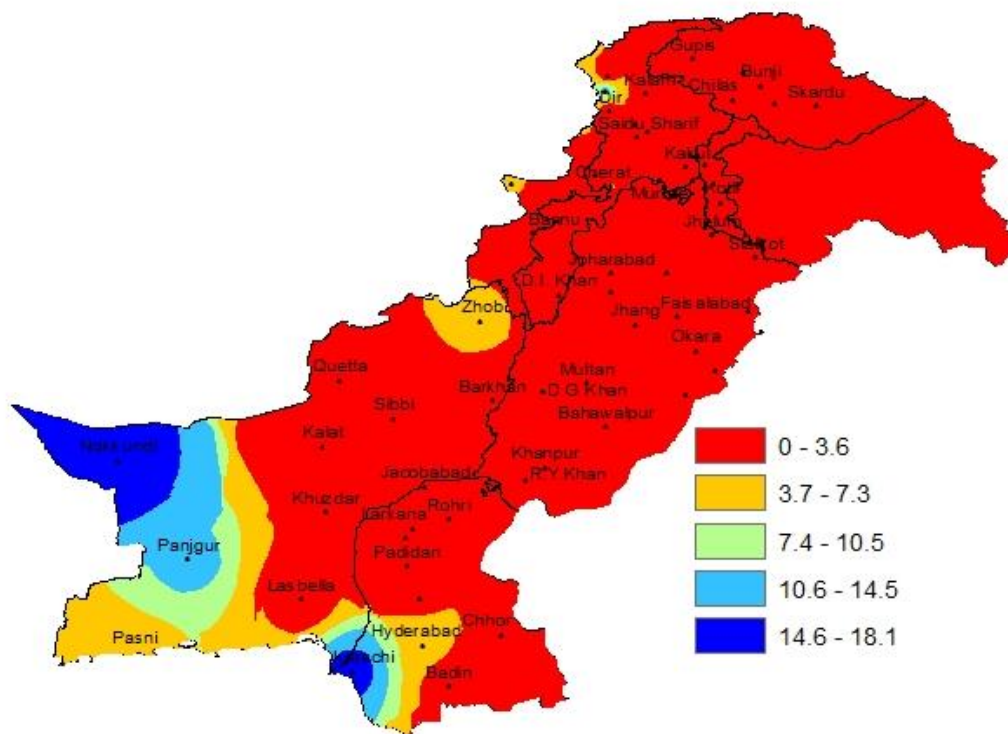
Total Growing Degree Days accumulated during the Previous week (from 1<sup>st</sup> to 7<sup>th</sup> December, 2014)



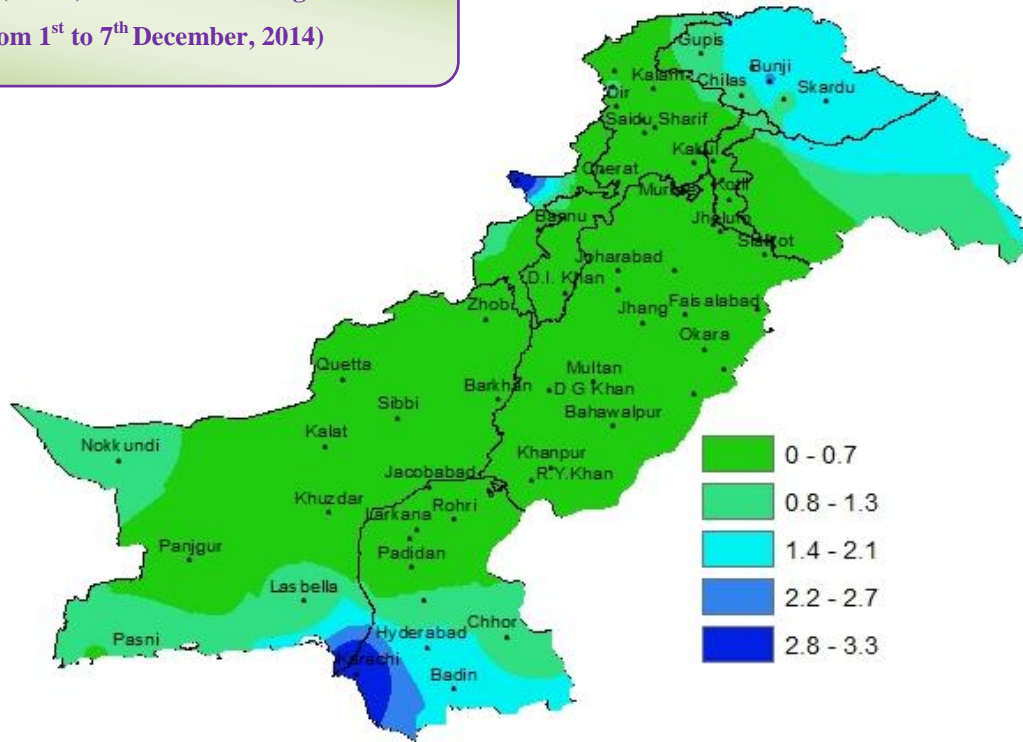
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 1<sup>st</sup> to 7<sup>th</sup> December, 2014)



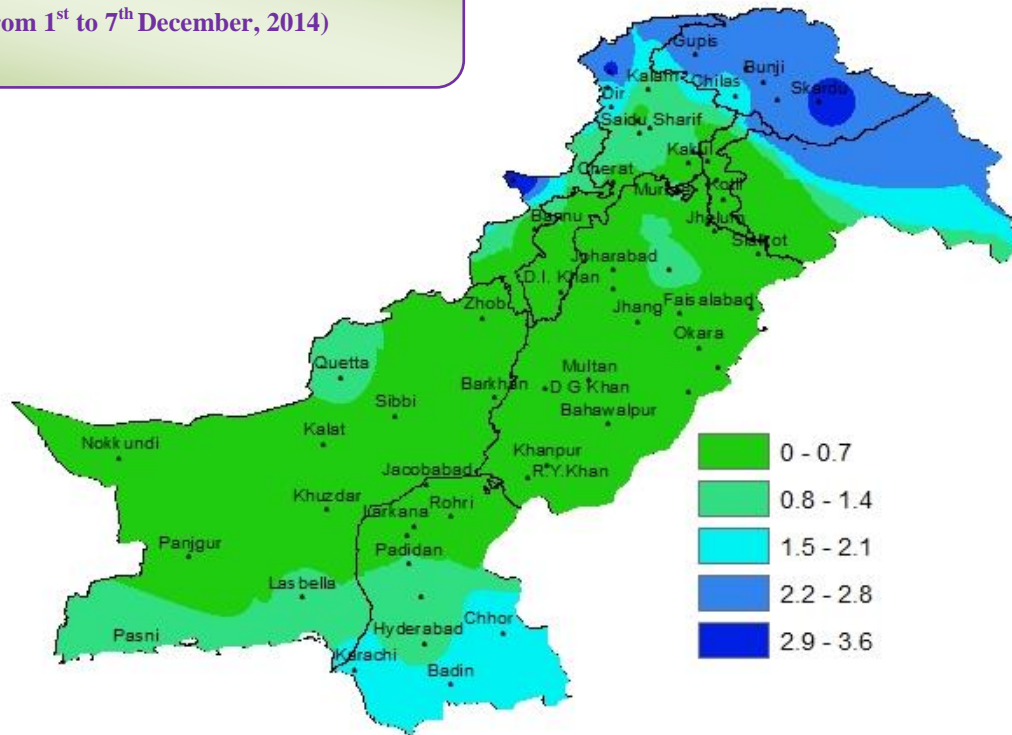
Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 1<sup>st</sup> to 7<sup>th</sup> December, 2014)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 1<sup>st</sup> to 7<sup>th</sup> December, 2014)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 1<sup>st</sup> to 7<sup>th</sup> December, 2014)





**Weekly Weather Advisory for Farmers**  
**(From 8<sup>th</sup> to 14<sup>th</sup> December ,2014)**

Continental air is prevailing over most parts of the country. Whereas, a westerly wave is prevailing over northern areas of the country and likely to persist during next 24 hours. Another fresh shallow westerly wave is expected to approach upper parts of the country from Friday.

**MONDAY**

**08-12-2014**

Mainly cold and dry weather is expected in most parts of the country. However, partly cloudy weather conditions with light rain (light snowfall over the hills) are expected at isolated places in Malakand, Hazara divisions, Kashmir and Gilgit-Baltistan.

**TUESDAY**

**09-12-2014**

Mainly cold and dry weather is expected in most parts of the country. However, partly cloudy weather conditions with light rain (light snowfall over the hills) are expected at isolated places in Gilgit-Baltistan.

**WEDNESDAY**

**10-12-2014**

Cold and dry weather is expected in most parts of the country.

**THURSDAY**

**11-12-2014**

Cold and dry weather is expected in most parts of the country.

**FRIDAY**

**12-12-2014**

Mainly cold and dry weather is expected in the country. However, light rain with light snow is expected at a few places of Malakand division, Kashmir and Gilgit-Baltistan.

**SATURDAY**

**13-12-2014**

Mainly cold and dry weather is expected in the country. However, partly cloudy to cloudy weather conditions with light rain-thunderstorm (light snowfall over the hills) are expected at isolated places of Malakand, Hazara divisions, Rawalpindi, Gujranwala, Lahore divisions, Kashmir and Gilgit-Baltistan.

**SUNDAY**

**14-12-2014**

Mainly cold and dry weather is expected in the country. However, partly cloudy to cloudy weather conditions with light rain-thunderstorm (light snowfall over the hills) are expected at isolated places of Malakand, Hazara divisions, Rawalpindi, Gujranwala, Lahore divisions, Kashmir and Gilgit-Baltistan.

**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 1<sup>st</sup> to 7<sup>th</sup> December, 2014)**

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	-1.0	-2.5	25.5	47	0.0	1.2	2.6	1.7	0.3
Badin	17.9	15.0	155.0	58	0.0	2.0	1.7	0.0	0.3
Bahawalnagar	13.0	11.5	132.2	62	0.0	0.0	0.0	0.0	0.6
Bahawalpur	11.2	7.5	128.4	71	0.0	0.2	0.1	0.0	0.3
Balakot	4.1	2.7	80.6	66	0.0	0.0	1.0	0.0	0.0
Bannu	7.6	4.5	110.1	38	0.0	0.0	0.3	1.0	1.4
Barkhan	9.0	8.5	92.3	28	0.0	0.0	0.6	1.3	1.4
Bunji	2.4	0.8	49.0	49	0.0	2.2	2.7	0.0	0.0
Cherat	7.9	7.5	62.1	41	0.0	0.0	0.4	3.3	3.7
Chhor	13.3	11.5	156.4	53	0.0	1.0	1.7	0.0	2.0
Chilas	5.1	4.0	63.3	44	0.0	0.8	1.7	0.0	1.1
Chitral	0.1	-1.0	51.7	68	0.0	0.0	3.0	0.0	0.9
D.I.Khan	7.9	6.0	116.0	61	0.0	0.0	0.0	0.0	0.6
D.G.Khan	13.2	11.5	121.7	59	0.0	0.0	0.0	1.3	0.6
Dir	-0.2	-1.0	58.1	61	0.0	0.5	1.7	0.0	1.4
Drosh	0.8	0.4	51.2	34	0.0	0.8	1.9	0.0	11.7
Faisalabad	8.0	7.5	95.9	65	0.0	0.5	0.4	0.0	0.6
Garidopatta	8.0	7.0	94.1	54	0.0	0.4	0.4	0.0	0.0
Gawader	17.3	14.0	154.3	47	0.0	0.5	0.7	0.0	4.3
Gilgit	-1.1	-3.0	43.3	68	0.0	2.0	2.3	0.0	0.0

Gupis	-0.9	-3.0	28.5	46	0.0	1.2	2.6	0.7	0.6
Hyderabad	17.0	15.5	149.3	50	0.0	1.7	1.3	0.7	6.0
Islamabad	5.4	3.5	99.9	68	0.0	0.0	0.9	0.0	0.9
Jacobabad	12.3	11.5	121.8	63	0.0	0.2	0.0	0.7	0.0
Jhang	8.7	7.0	125.8	67	0.0	0.0	0.0	0.0	0.0
Jhelum	7.7	6.1	117.7	66	0.0	0.3	0.4	0.0	1.4
Jiwani	18.1	16.0	150.4	48	0.0	1.3	0.9	1.0	5.7
Joharabad	7.9	6.5	121.5	68	0.0	0.0	0.6	0.0	0.3
Kakul	3.6	3.0	73.5	48	0.0	0.0	0.4	0.0	0.3
Kalam	-1.3	-3.0	31.3	52	0.0	0.0	0.9	0.0	0.0
KLT	0.4	-1.0	28.8	44	0.0	0.0	0.0	0.0	0.0
Karachi	17.8	16.0	163.0	55	0.0	3.3	1.6	0.3	16.6
Khanpur	11.4	9.2	126.6	68	0.0	0.3	0.1	0.0	0.6
Khuzdar	10.3	8.0	102.3	30	0.0	0.0	0.0	0.0	2.3
Kotli	7.2	4.8	102.4	61	0.0	0.0	0.4	1.5	0.3
Lahore	11.4	10.2	120.0	56	0.0	0.7	0.4	0.0	2.0
Larkana	15.6	14.0	146.1	62	0.0	0.3	0.4	0.7	0.0
Lasbella	12.9	10.0	140.3	47	0.0	1.0	0.9	2.0	0.3
Lower Dir	3.8	2.0	73.8	60	0.0	0.5	0.4	0.0	0.6
M.B Din	9.5	7.5	112.8	64	0.0	0.0	1.0	0.7	0.9
Malam Jabba	3.0	2.0	17.3	56	0.0	0.2	1.0	0.0	0.0
Mangla	8.1	5.6	114.4	60	0.0	0.0	0.4	0.0	0.0
Moinjodaro	10.5	8.0	137.1	59	0.0	0.0	0.0	0.0	1.1
Multan	12.2	9.5	122.2	67	0.0	0.5	0.4	0.0	0.0
Murree	6.5	5.0	58.0	35	0.0	0.0	0.0	2.0	0.9
Muzaffarabad	4.3	2.6	83.4	70	0.0	0.0	0.6	0.8	0.9

Nawabshah	13.9	12.0	143.8	64	0.0	0.7	1.3	0.5	3.0
Nokkundi	9.6	6.1	102.7	13	0.0	1.0	0.0	33.7	18.1
Noorpurthal	8.1	6.5	124.4	67	0.0	0.0	0.0	0.0	0.0
Okara	9.5	9.0	124.7	70	0.0	0.0	0.1	0.0	0.0
Padidan	14.8	13.5	142.8	63	0.0	0.7	0.9	1.0	1.7
Panjgur	9.3	5.5	77.3	40	0.0	0.0	0.0	8.3	12.3
Parachinar	3.4	1.2	19.8	62	0.0	3.2	3.6	3.8	3.9
Pasni	14.0	13.0	144.5	51	0.0	1.3	1.4	1.0	6.6
Peshawar	7.7	5.0	106.8	65	0.0	0.3	1.0	0.0	0.9
Quetta	2.6	-0.5	32.4	33	0.0	0.7	1.6	0.6	0.9
Rahim Yar Khan	13.0	10.2	135.8	71	0.0	0.3	0.4	0.3	0.6
Rawalakot	-0.3	-1.5	58.5	61	0.0	0.0	0.3	0.0	0.3
Rohri	15.0	14.0	136.0	60	0.0	0.0	0.0	0.3	0.6
Rwp	6.6	4.7	75.1	63	0.0	0.0	0.0	0.0	0.9
Sahiwal	9.4	8.5	117.9	64	0.0	0.0	0.0	0.0	0.3
Saidu Sharif	5.5	3.5	78.2	55	0.0	0.0	1.0	0.0	0.0
Sialkot	8.5	7.3	103.9	68	0.0	0.3	0.4	0.0	1.1
Sibbi	14.4	12.0	145.5	45	0.0	0.0	0.0	0.0	0.0
Skardu	-5.0	-6.6	14.3	57	0.0	1.8	2.9	0.0	0.3
Tandojam	14.7	12.5	118.8	63	0.0	0.9	0.6	0.5	0.3
Usta.M	12.8	10.5	110.0	65	0.0	0.0	0.8	0.0	0.0
Zhob	4.0	1.5	72.5	37	0.0	0.3	0.6	4.2	5.0

\*\*\* Shows that data was not available.