

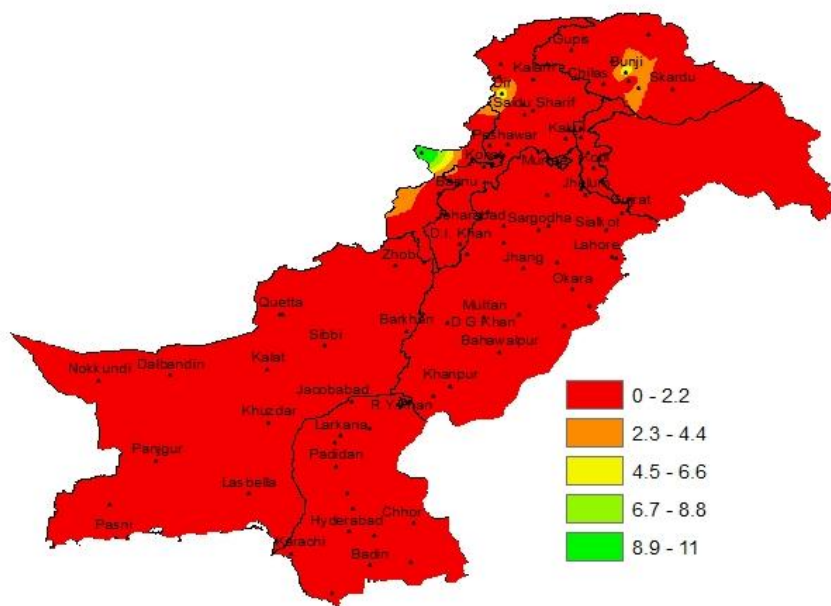
# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)**



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## **Highlights of Past Weather (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)**

Below 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 few places in Khyber Pakhtunkhwa and Gilgit-Baltistan & Kashmir regions.
- Dry weather was reported in Sindh and Balochistan.
- Light rainfall reported at few places in Punjab.

**Past Weather of Provinces (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)****Punjab**

Light rainfall reported at few places in Punjab during the week. Weekly maximum and minimum temperatures recorded 25.2°C & 9.6°C respectively. For the present season average 87.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening 0.4/1.3 Knots. During the previous week the highest amount of rainfall was recorded 0.1 mm at Faisalabad & 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 28.6°C & 13.3°C respectively. For the present season average 103.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 49% and wind speed in the morning/evening recorded 1.7/3.3 Knots. During the previous week the lowest minimum temperature was recorded 5.2°C at Mithi.

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

Light to moderate rainfall reported at few places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 15.5°C & 2.9°C respectively. For the present season average 26.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening recorded 1.1/0.9 knot. During the previous week the highest amount of rainfall was recorded 6.3 mm at Bunji & lowest minimum temperature was recorded -5.1°C at Skardu.

**Balochistan**

Dry weather was reported in Balochistan during the week. Weekly maximum and minimum temperatures recorded 23.3°C & 7.6°C respectively. For the present season average 80.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 38% and wind speed in the morning/evening recorded 2.2/4.4 Knots. During the previous week lowest minimum temperature was recorded -8.0°C at Kalat.

**Khyber Pakhtunkhwa**

Light to moderate rainfall reported at few places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 18.9°C & 4.8°C respectively. For the present season average 38.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 60% and wind speed in the morning/evening recorded 1.0/1.9 Knots. During the previous week the highest amount of rainfall was recorded 11.0 mm at Parachinar minimum temperature was recorded -3.0°C at Parachinar.

**Past Weather for Major Agricultural Plains  
(From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)****Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.0/2.9Oktas while, average relative humidity observed as 72%. Mean night time temperature recorded 8.3°C & for the present season 72.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0 Knots.

**Faisalabad (Central Punjab)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.7/2.1Oktas while, average relative humidity observed as 67%. Mean night time temperature recorded 9.7°C & for the present season 89.9growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.3 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.3/1.6 Oktas while, average relative humidity observed as 33%. Mean night time temperature recorded 1.5°C & for the present season 18.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.1/3.1 Knots.

**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 53%. Mean night time temperature recorded 10.3°C & for the present season 102.8growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.9Knots.

**Tandojam (Lower Sindh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/0.4 Oktas while, average relative humidity observed as 49%. Mean night time temperature recorded 12.7°C & for the present season 107.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.8/1.2 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)****Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.5/0.3Oktas while, average relative humidity observed as 57%. Mean night time temperature recorded 11.3°C & for the present season 96.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/1.3 Knots.

**Lahore**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.3/2.3 Oktas while, average relative humidity observed as 60%. Mean night time temperature recorded 11.7°C & for the present season 95.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.0 Knots.

**Zhob**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/1.2 Oktas while, average relative humidity observed as 40%. Mean night time temperature recorded 4.6°C & for the present season 43.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.3/4.2 Knots.

**D.I. Khan**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.8/1.2 Oktas while, average relative humidity observed as 62%. Mean night time temperature recorded 7.6°C & for the present season 77.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.3/1.0 Knots.

**Peshawar**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 3.0/2.5 Oktas while, average relative humidity observed as 70%. Mean night time temperature recorded 7.8°C & for the present season 70.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/1.0Knots.

**Murree**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.8/2.7Oktas while, average relative humidity observed as 45%. Mean night time temperature recorded 5.2°C & for the present season 35.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/1.0Knots.

**Kalam**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.0/3.8 Oktas while, average relative humidity observed as 56%. Mean night time temperature recorded -0.9°C & for the present season 2.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0 Knots.

**Gilgit**

Rainfall reported as 0.6mm during the week; however cloudiness in the morning/evening recorded 5.7/5.0 Oktas while, average relative humidity observed as 77%. Mean night time temperature recorded 0.6°C & for the present season 11.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0 Knots.

**Skardu**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 4.8/4.7 Oktas while, average relative humidity observed as 65%. Mean night time temperature recorded 0.2°C & for the present season 1.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0 Knots.

**Crop Situation for Major Agricultural Plains**  
**(Based on Data from Regional Agromet Centers)**

**Potohar Region (Rawalpindi)**

There is presently no crop grown in the fields of RAMC Rawalpindi.

**Central Punjab (Faisalabad)**

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

Wheat: Good condition at *Emergence* stage.

**Lower Sindh (Tandojam)**

There is presently no crop grown in the fields of RAMC Tandojam.

**Northern Balochistan (Quetta)**

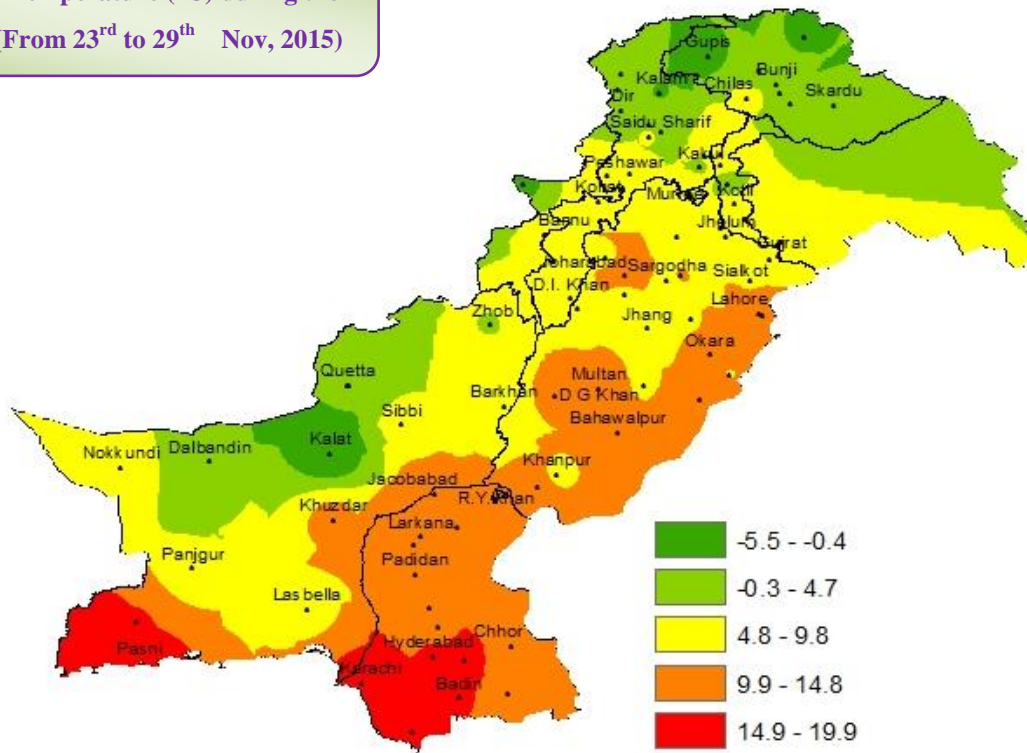
There is presently no crop grown in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

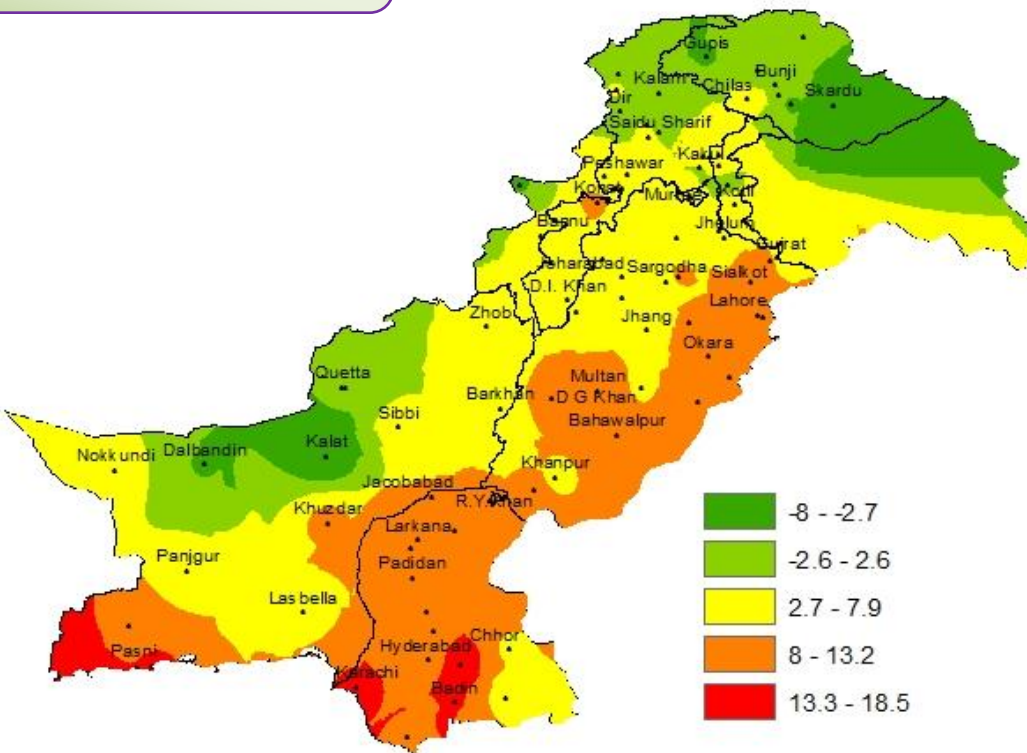
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

*Rice*: Good condition at *Harvesting* stage.

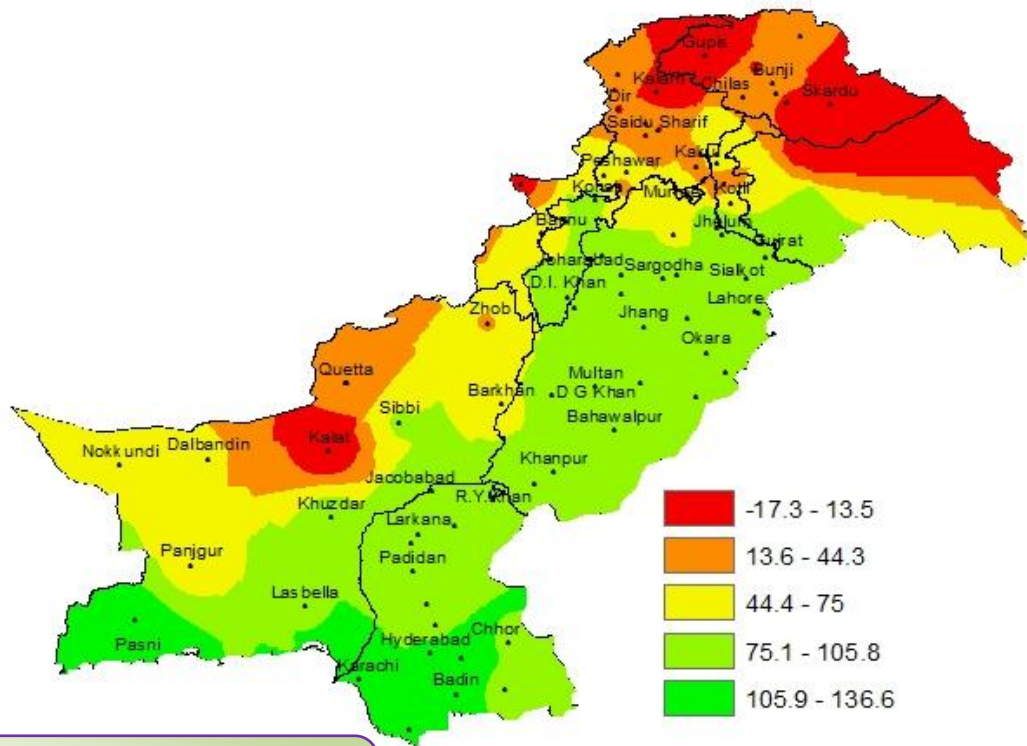
Mean Minimum Temperature (°C) during the Previous Week (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)



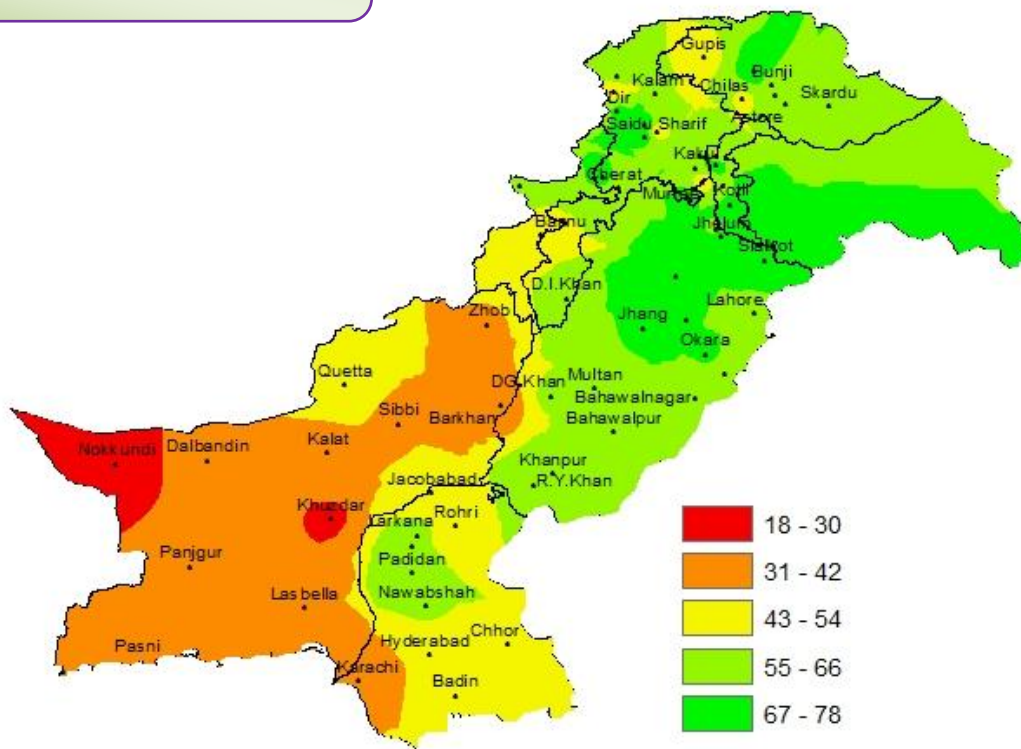
Lowest Minimum Temperature (°C) during the Previous Week (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)



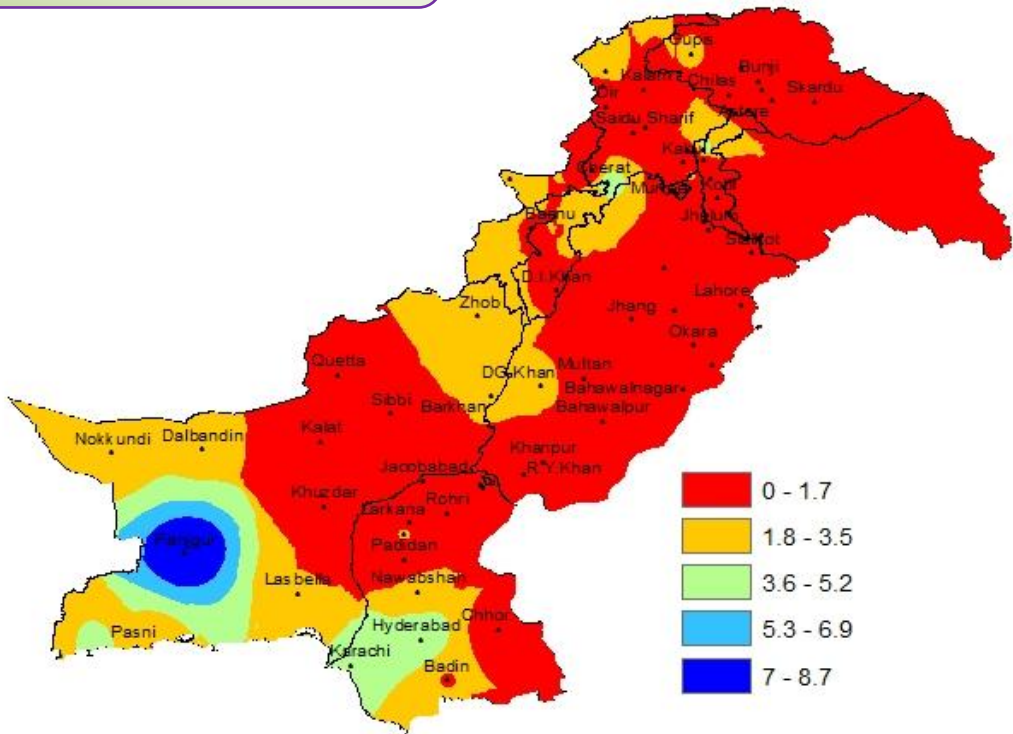
Total Growing Degree Days accumulated during the Previous Week (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)



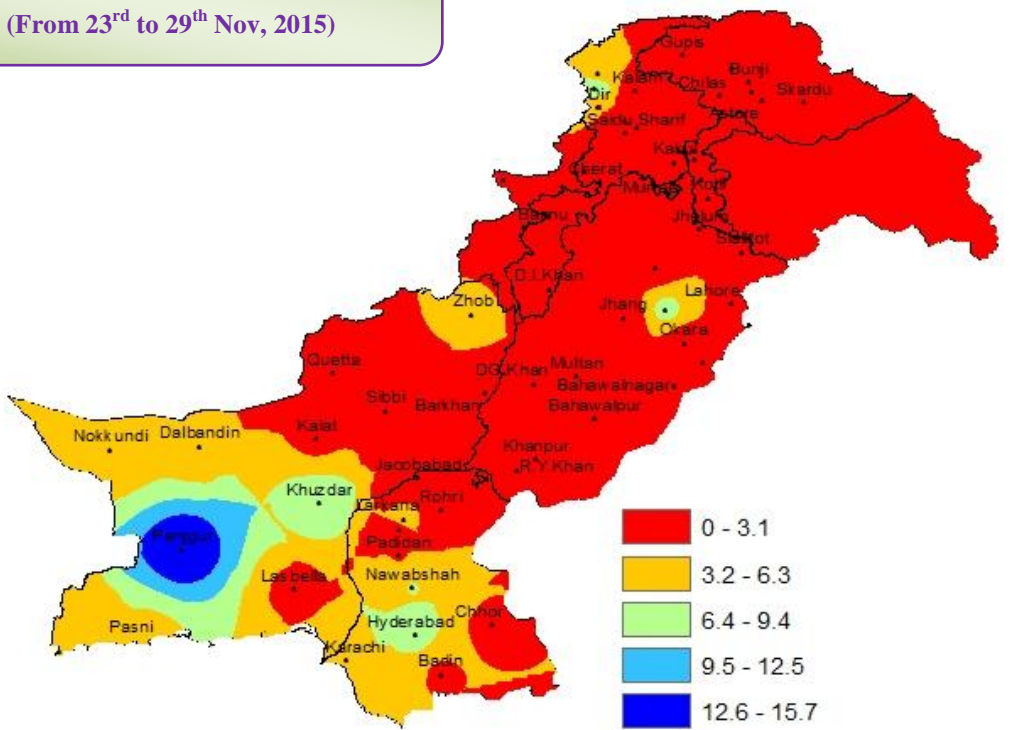
Mean Relative Humidity (%) during the Previous Week (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)



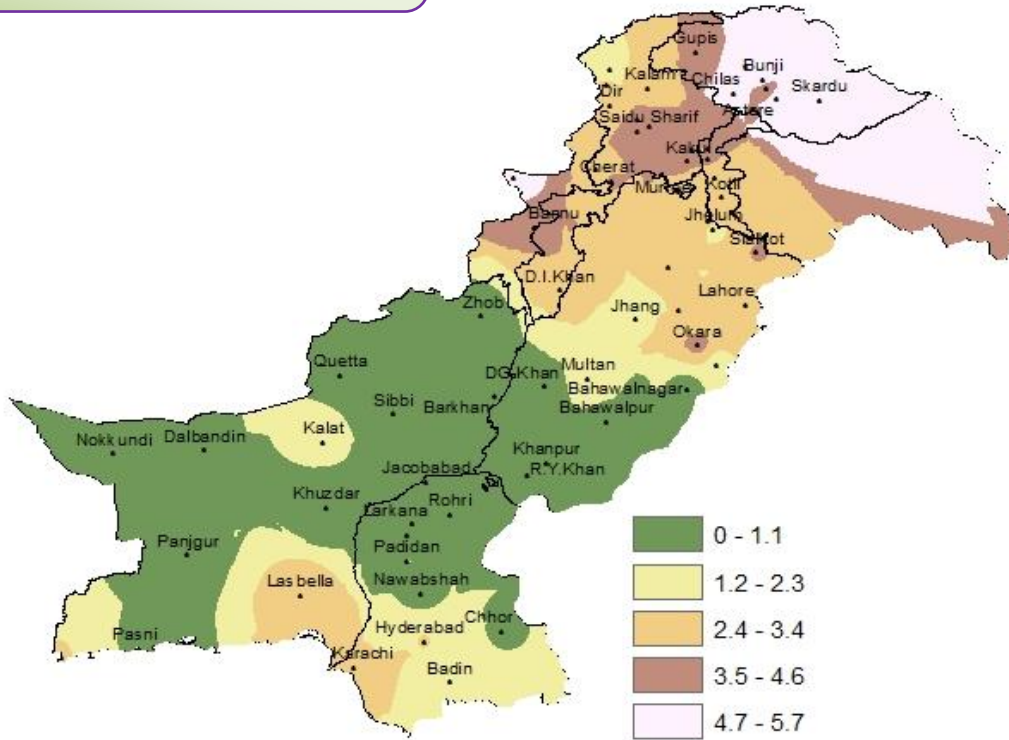
Mean Wind Speed (Knots) at 0800 PST during the Previous Week (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)



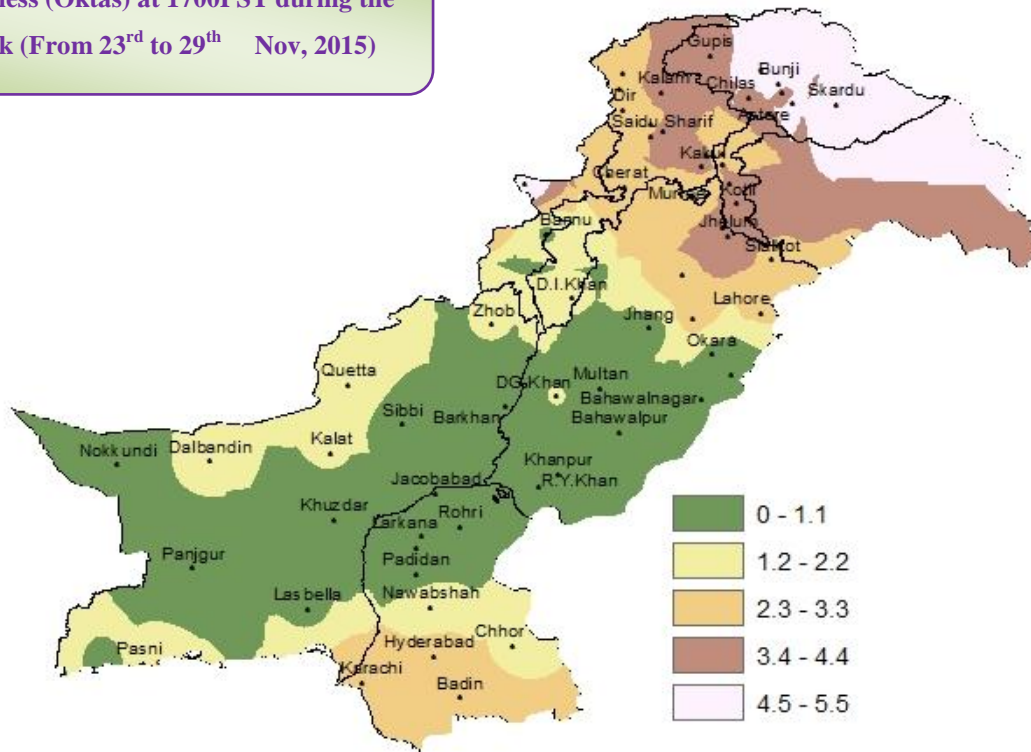
Mean Wind Speed (Knots) at 1700 PST during the Previous Week (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous Week (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous Week (From 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)





**Weekly Weather Advisory for Farmers**  
**(From 30<sup>th</sup> November to 5<sup>th</sup> December, 2015)**

Continental air would prevail over most parts of the country during next few days.

**MONDAY**

**30-11-2015**

Mainly cold and dry weather is expected in most parts of the country, whereas very cold weather condition is expected in upper parts and north Balochistan.

**TUESDAY**

**01-12-2015**

Mainly cold and dry weather is expected in most parts of the country, whereas cold weather condition is expected in upper parts and north Balochistan.

**WEDNESDAY**

**02-12-2015**

Mainly cold and dry weather is expected in most parts of the country, whereas very cold weather condition is expected in upper parts and north Balochistan.

**THURSDAY**

**03-12-2015**

Mainly cold and dry weather is expected in most parts of the country, whereas very cold weather condition is expected in upper parts and north Balochistan.

**FRIDAY**

**04-12-2015**

Mainly dry weather is expected in most parts of the country. However partly cloudy weather conditions with light rain is likely at one or two places in Malakand division and Gilgit-Baltistan.

**SATURDAY**

**05-12-2015**

Mainly dry weather is expected in most parts of the country. However partly cloudy weather conditions with light rain is likely at few places in Malakand division and Gilgit-Baltistan.

**ADVISES FOR CROPS**

- ❖ Farmers of rainfed areas obtaining water through tube wells and irrigated areas in upper parts are advised to schedule the irrigation according to the expected weather mentioned during the decade.
- ❖ Farmers are advised to cultivate winter vegetables in time so that present soil moisture may fully be utilized.
- ❖ Farmers of cotton crop areas are advised to prepare their field for incoming rabi crops and complete sowing in time.
- ❖ Farmers of rainfed areas of K.P & Punjab are advised to complete cultivation of Rabi crops as soon as possible. The status of soil moisture is very suitable due to good rains reported in the season.

**National Weather Data of Selected Cities**  
**(Weekly Data from 23<sup>rd</sup> to 29<sup>th</sup> Nov, 2015)**

Stations	Minimum/Night 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	0.0	-4.0	-4.2	60	2.6	5.5	4.5	1.3	2.0
Badin	15.3	13.4	110.6	53	0.0	2.0	2.7	1.7	2.7
Bahawalnagar	13.1	11.0	102.0	60	0.0	0.5	0.5	0.0	0.0
Bahawalpur	11.3	9.5	96.2	65	0.0	1.0	0.2	0.3	0.0
Balakot	4.6	3.3	43.2	64	0.0	4.0	3.8	0.8	1.2
Bannu	6.6	4.4	67.1	45	0.0	3.7	1.0	1.7	0.3
Barkhan	6.7	5.5	59.8	31	0.0	0.0	0.0	2.0	1.6
Bunji	4.5	2.2	24.3	59	6.3	5.8	5.5	0.8	1.3
Cherat	6.1	5.5	36.8	53	0.0	3.5	2.7	4.7	2.3
Chhor	11.3	7.4	103.0	51	0.0	1.0	2.0	0.3	2.3
Chilas	6.2	5.0	39.6	51	0.1	4.8	4.2	0.7	1.0
Chitral	2.9	1.0	26.2	63	1.0	2.0	3.2	3.3	3.7
D.I.Khan	7.6	5.5	77.8	62	0.1	2.8	1.2	1.3	1.0
Dalbandin	1.4	-3.0	45.8	39	0.0	1.0	1.3	2.7	4.0
DG.Khan	11.1	9.7	96.8	57	0.0	0.8	1.2	2.3	2.7
Dir	-0.4	-1.5	12.3	69	5.0	2.7	2.5	0.0	3.0
Drosh	4.2	3.5	27.6	42	1.0	2.3	2.8	0.7	9.2
Faisalabad	9.7	8.0	89.9	67	0.0	2.7	2.1	0.0	0.3
Garidopatta	6.6	5.2	55.2	74	0.0	3.7	3.5	0.0	0.7
Gawader	15.8	15.0	125.3	41	0.0	1.2	0.7	4.3	5.0
Gilgit	0.6	-2.0	11.5	77	0.6	5.7	5.0	0.0	0.0

Gupis	-1.8	-3.0	-6.5	48	0.0	3.5	4.2	2.0	1.3
Hyderabad	15.4	11.0	112.1	43	0.0	2.3	2.7	5.2	7.3
Islamabad	6.9	5.3	70.3	74	0.0	3.2	2.2	0.0	0.0
Jacobabad	11.9	8.0	95.4	47	0.0	0.3	0.7	0.0	1.7
Jhang	8.3	6.7	88.6	69	0.0	2.0	0.7	0.0	0.0
Jhelum	9.1	7.2	83.4	72	0.1	1.8	4.2	0.0	0.3
Jiwani	19.9	18.5	136.6	36	0.0	2.7	1.8	2.3	6.0
Kakul	4.2	2.5	38.2	60	0.1	4.5	3.7	0.0	0.7
Kalam	-0.9	-2.5	2.4	56	0.0	3.0	3.8	0.0	0.0
Kalat	-5.5	-8.0	-17.4	38	0.0	1.7	1.2	0.0	2.4
Karachi	16.7	13.8	126.9	31	0.0	2.5	3.2	3.7	5.3
Khanpur	9.1	7.5	88.9	64	0.0	0.8	0.0	0.0	0.7
Khuzdar	11.8	9.5	92.8	28	0.0	0.0	0.2	0.0	9.0
Kotli	9.1	8.0	70.9	70	0.0	3.0	3.8	0.7	0.0
Lahore	11.7	10.6	95.8	60	0.0	3.3	2.3	0.0	2.0
Larkana	13.6	10.0	103.1	56	0.0	0.0	0.0	0.7	3.7
Lasbella	8.2	6.0	103.8	36	0.0	3.3	1.0	2.0	2.0
Lower Dir	4.4	2.5	36.8	75	0.0	3.5	2.3	0.0	1.3
M.B Din	10.0	8.5	81.8	73	0.1	2.5	3.0	0.3	0.7
Malam Jabba	3.1	2.0	10.5	44	0.0	3.8	4.0	0.0	0.0
Mangla	8.4	7.2	80.1	63	0.0	3.2	3.8	0.0	0.7
Mir Khani	2.3	1.6	35.1	60	0.0	3.3	3.8	0.0	1.3
Moinjodaro	10.4	8.0	91.0	54	0.0	0.0	0.0	2.0	2.7
Multan	11.3	9.7	96.4	57	0.0	1.5	0.3	0.7	1.3
Murree	5.2	2.0	35.5	45	0.0	2.8	2.7	2.0	1.0
Muzaffarabad	6.3	5.2	49.9	71	0.0	3.3	2.5	1.0	1.3

Nawabshah	12.4	10.5	93.8	56	0.0	0.8	1.7	2.7	6.3
Nokkundi	6.4	4.5	71.0	18	0.0	0.8	0.8	2.0	3.3
Okara	11.0	9.8	94.5	67	0.0	3.8	1.0	0.3	0.7
Padidan	11.4	10.0	96.9	57	0.0	1.2	1.0	0.3	3.0
Panjgur	5.1	4.0	53.8	40	0.0	0.5	0.3	8.7	15.7
Parachinar	-1.9	-3.0	2.3	62	11.0	5.7	5.5	3.0	3.0
Pasni	16.3	13.5	130.5	41	0.0	0.5	1.5	2.0	4.7
Pattan	9.5	6.0	63.5	49	0.0	3.7	2.2	5.3	1.7
Peshawar	7.8	6.5	70.5	70	0.1	3.0	2.5	0.0	1.0
Quetta	1.5	-0.2	18.7	33	0.0	1.3	1.6	2.1	3.1
R.Y.Khan	11.4	8.5	101.0	62	0.0	0.0	0.2	0.0	1.3
Rawalakot	1.1	-0.8	23.3	64	0.0	2.5	3.5	0.0	0.7
Rawalpindi	8.3	6.5	72.0	72	0.0	2.0	2.9	0.0	0.0
Sahiwal	9.7	9.0	87.6	64	0.0	1.8	0.0	0.7	1.7
Saidu Sharif	5.1	3.5	38.8	70	0.0	4.0	3.3	0.0	0.0
Sialkot	9.9	8.5	84.1	78	0.0	3.5	3.0	0.0	0.7
Sibbi	6.9	5.0	78.5	39	0.0	0.0	0.8	0.7	0.4
Skardu	0.2	-5.1	1.2	65	0.0	4.8	4.7	0.0	0.0
Tandojam	12.7	11.0	107.8	49	0.0	0.4	0.4	0.8	1.2
Usta.M	10.3	9.0	102.8	53	0.0	0.0	0.0	0.6	0.9
Zhob	4.6	3.5	43.6	40	0.0	0.3	1.2	3.3	4.2
Astore	0.0	-4.0	-4.2	60	2.6	5.5	4.5	1.3	2.0

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