

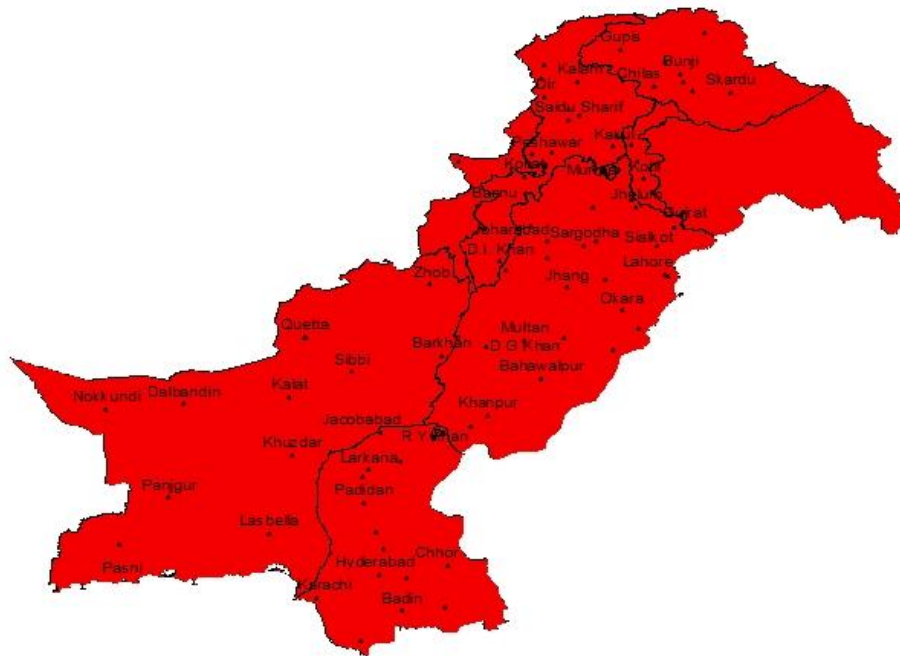
Weekly Weather and Crop Bulletin for Pakistan

**NATIONAL AGROMET
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**Rainfall Distribution (mm) during the
Previous Week (From 30th Nov to 6th Dec, 2015)**



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Highlights of Past Weather (From 30th Nov to 6th Dec, 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:

- Dry weather was reported throughout the country during the week.

Patron-in-Chief: Dr. Ghulam Rasul (Director General)

Chief Editor: Ch. Muhammad Aslam (Director)

Editor: Asma Jawad Hashmi (Deputy Director)

Past Weather of Provinces (From 30th Nov to 6th Dec, 2015)

Punjab

Dry weather was reported in Punjab during the week. Weekly maximum and minimum temperatures recorded 25.1°C & 9.2°C respectively. For the present season average 79.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 61% and wind speed in the morning/evening 0.6/1.7Knots. During the previous week the lowest minimum temperature was recorded 2.8°C at Murree.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 28.7°C & 11.5°C respectively. For the present season average 88.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 56% and wind speed in the morning/evening recorded 2.4/1.7Knots. During the previous week the lowest minimum temperature was recorded 5.8°C at Mithi.

Gilgit-Baltistan and Azad Jammu & Kashmir

Dry weather was reported in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 16.4°C & 1.4°C respectively. For the present season average 14.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening recorded 2.1/1.9knot. During the previous week the lowest minimum temperature was recorded -9.2°C at Skardu.

Balochistan

Dry weather was reported in Balochistan during the week. Weekly maximum and minimum temperatures recorded 26.2°C & 4.6°C respectively. For the present season average 40.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 58% and wind speed in the morning/evening recorded 2.1/1.1Knots. During the previous week the lowest minimum temperature was recorded -6.0°C at Kalat.

Khyber Pakhtunkhwa

Dry weather was reported in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 20.3°C & 4.6°C respectively. For the present season average 40.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 58% and wind speed in the morning/evening recorded 2.1/1.1Knots. . During the previous week Punjab lowest minimum temperature was recorded -3.6°C at Parachinar.

**Past Weather for Major Agricultural Plains
(From 30th Nov to 6th Dec, 2015)****Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.4/1.3Oktas while, average relative humidity observed as 74%. Mean night time temperature recorded 8.0°C & for the present season 72.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.3 Knots.

Faisalabad (Central Punjab)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.3/2.0Oktas while, average relative humidity observed as 74%. Mean night time temperature recorded 9.2°C & for the present season 86.7growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.2/0.2Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.0/1.0Oktas while, average relative humidity observed as 31%. Mean night time temperature recorded 3.0°C & for the present season 47.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.6Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.5/1.9Oktas while, average relative humidity observed as 55%. Mean night time temperature recorded 9.6°C & for the present season 98.5growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.5/2.0Knots.

Tandojam (Lower Sindh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 65%. Mean night time temperature recorded 10.5°C & for the present season 102.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.3/0.5Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 30th Nov to 6th Dec, 2015)****Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.7/1.4Oktas while, average relative humidity observed as 61%. Mean night time temperature recorded 10.9°C & for the present season 86.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.0Knots.

Lahore

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.3/1.9Oktas while, average relative humidity observed as 70%. Mean night time temperature recorded 11.6°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 0.3/0.0Knots.

Zhob

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.7/1.1Oktas while, average relative humidity observed as 31%. Mean night time temperature recorded 2.7°C & for the present season 30.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.4/4.9Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/0.9Oktas while, average relative humidity observed as 69%. Mean night time temperature recorded 6.7°C & for the present season 62.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.9Knots.

Peshawar

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.6/3.0Oktas while, average relative humidity observed as 73%. Mean night time temperature recorded 7.4°C & for the present season 56.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.4/0.3Knots.

Murree

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.1/1.6Oktas while, average relative humidity observed as 43%. Mean night time temperature recorded 7.8°C & for the present season 52.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.7Knots.

Kalam

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/2.7Oktas while, average relative humidity observed as 53%. Mean night time temperature recorded -0.4°C & for the present season 7.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.0Knots.

Gilgit

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.4/2.7Oktas while, average relative humidity observed as 70%. Mean night time temperature recorded -2.2°C & for the present season -6.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.0Knots.

Skardu

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.9/2.7Oktas while, average relative humidity observed as 66%. Mean night time temperature recorded -5.9°C & for the present season -33.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.4/0.0Knots.

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 *Third leaf* stage.

Lower Sindh (Tandojam)

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

Northern Balochistan (Quetta)

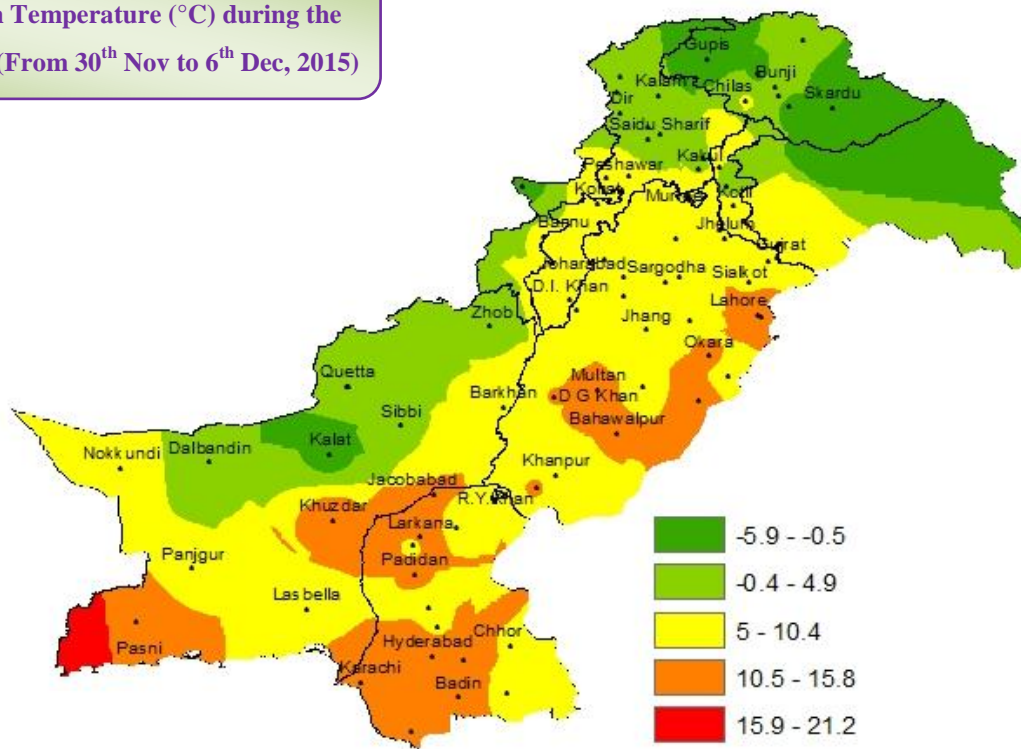
There is presently no crop grown in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

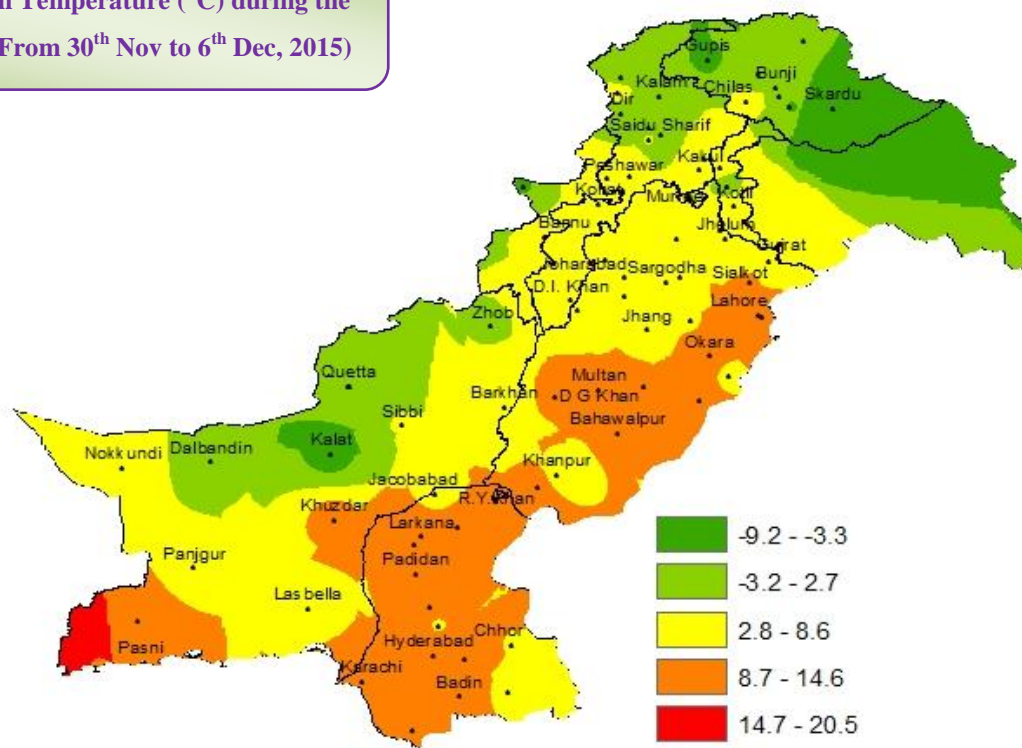
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

Rice: at *Harvesting* stage.

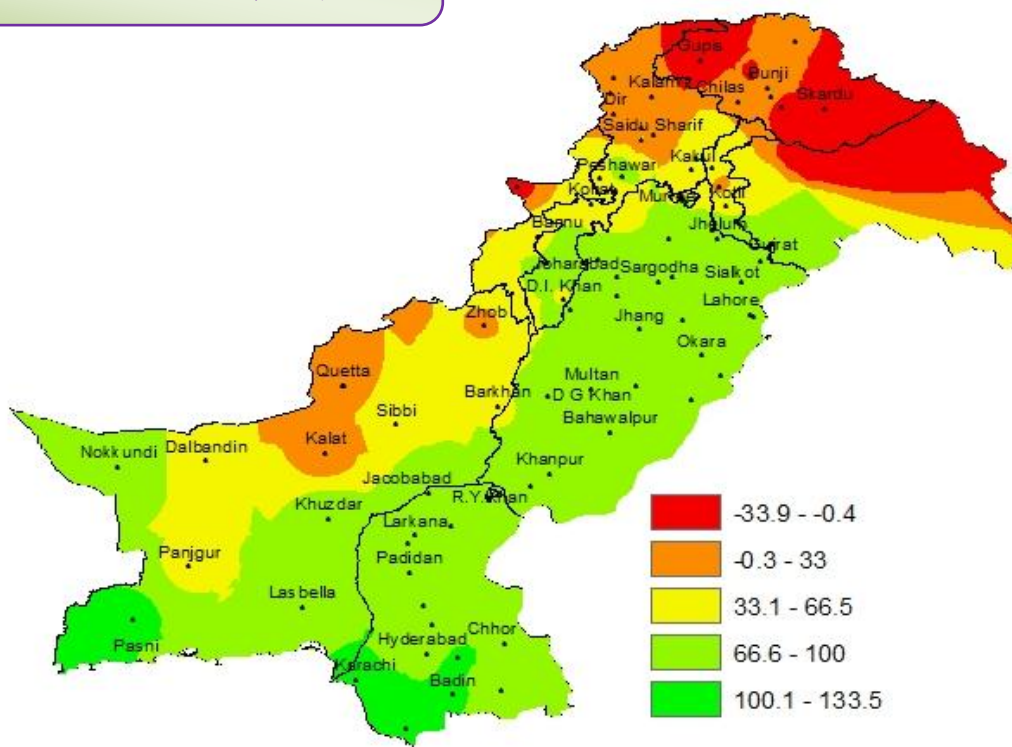
Mean Minimum Temperature (°C) during the Previous Week (From 30th Nov to 6th Dec, 2015)



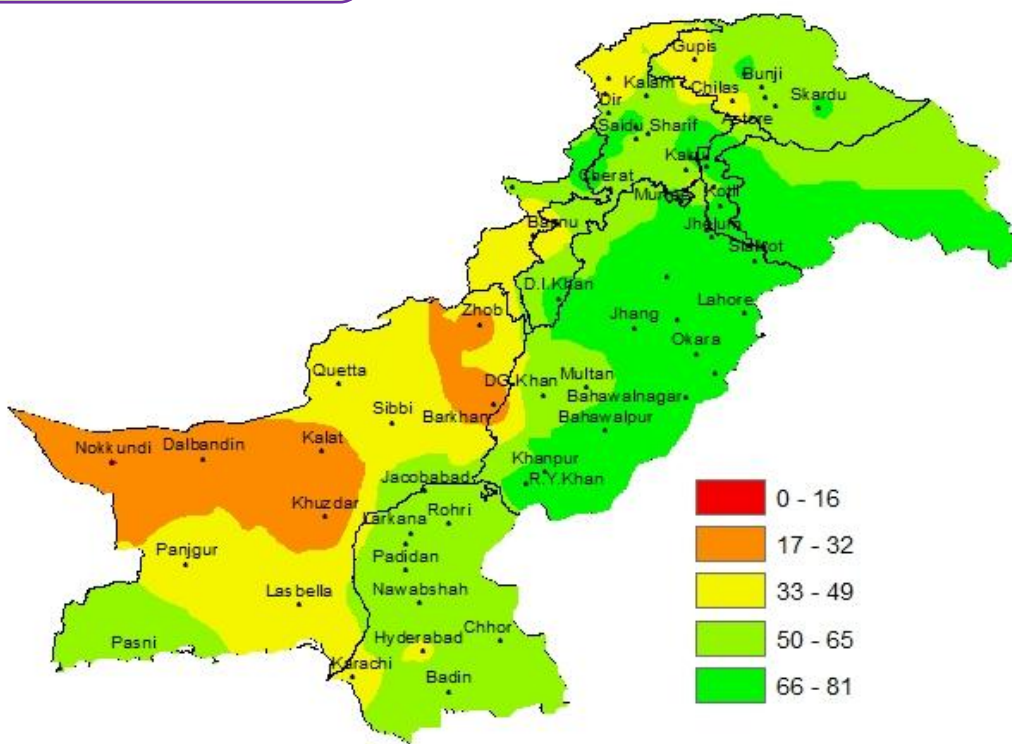
Lowest Minimum Temperature (°C) during the Previous Week (From 30th Nov to 6th Dec, 2015)



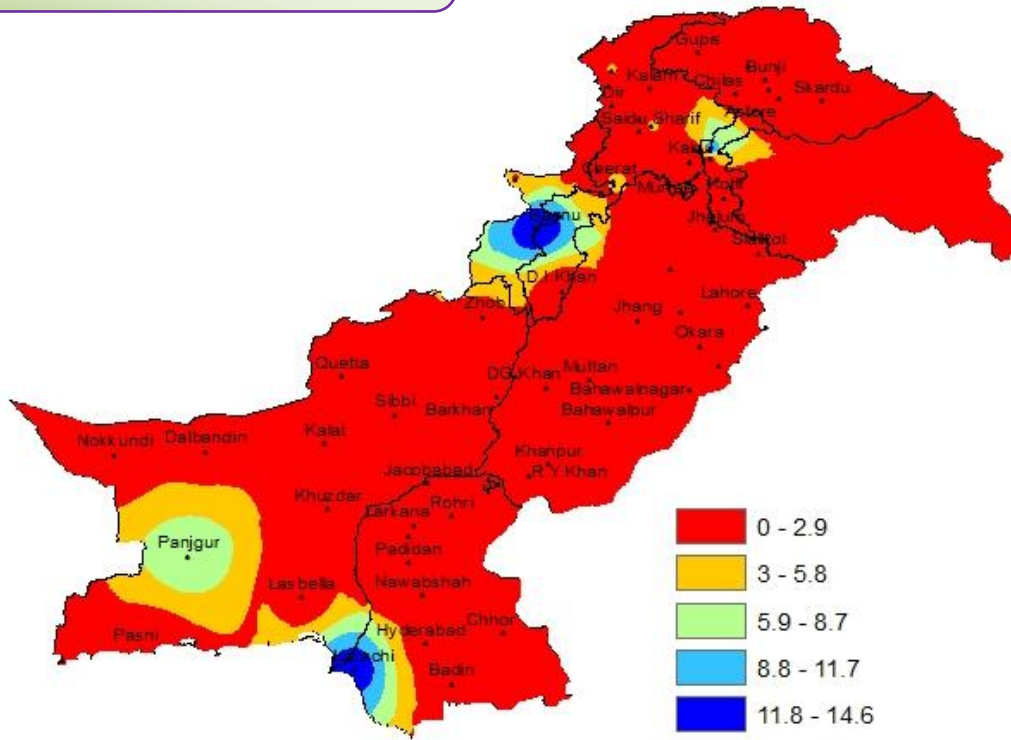
Total Growing Degree Days accumulated during the Previous Week (From 30th Nov to 6th Dec, 2015)



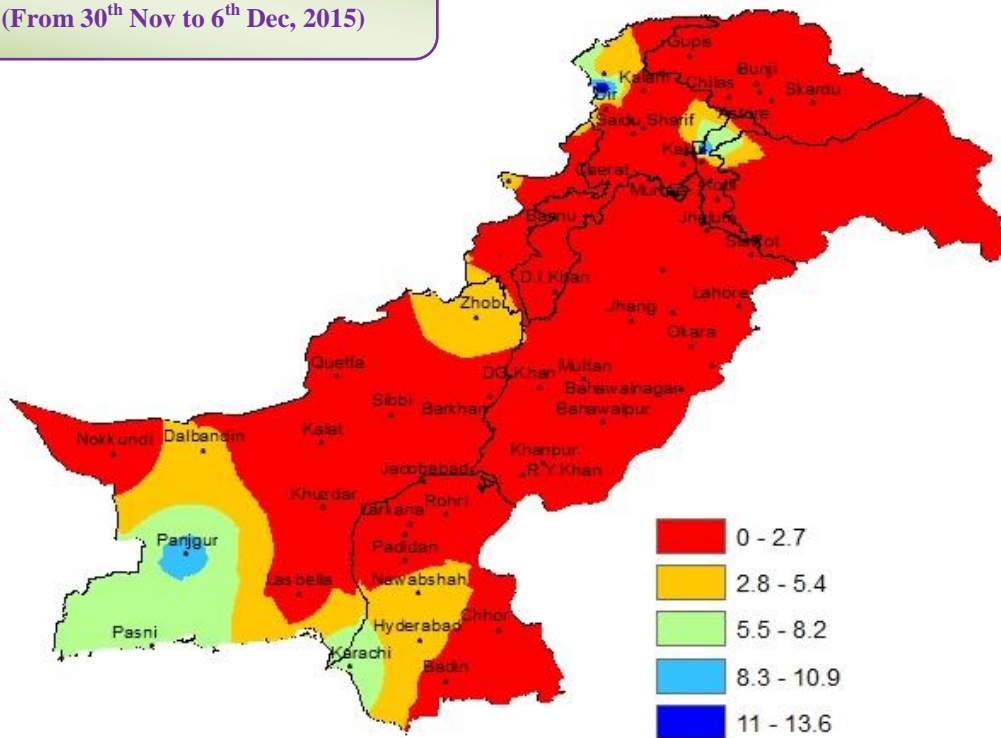
Mean Relative Humidity (%) during the Previous Week (From 30th Nov to 6th Dec, 2015)



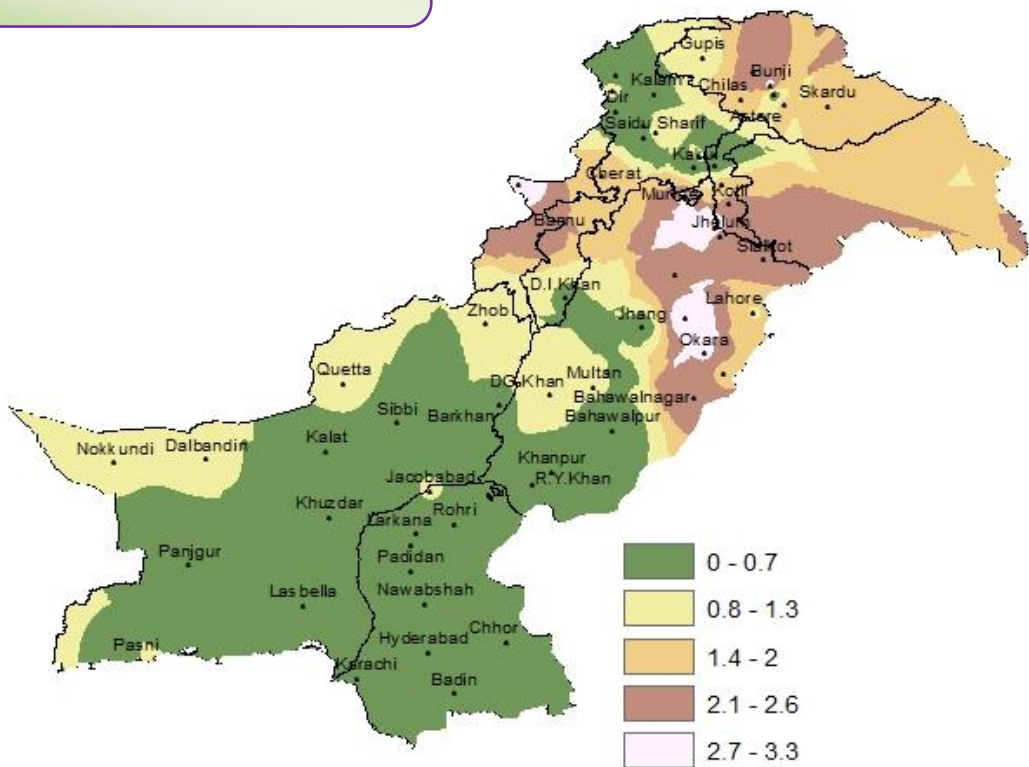
Mean Wind Speed (Knots) at 0800 PST during the Previous Week (From 30th Nov to 6th Dec, 2015)



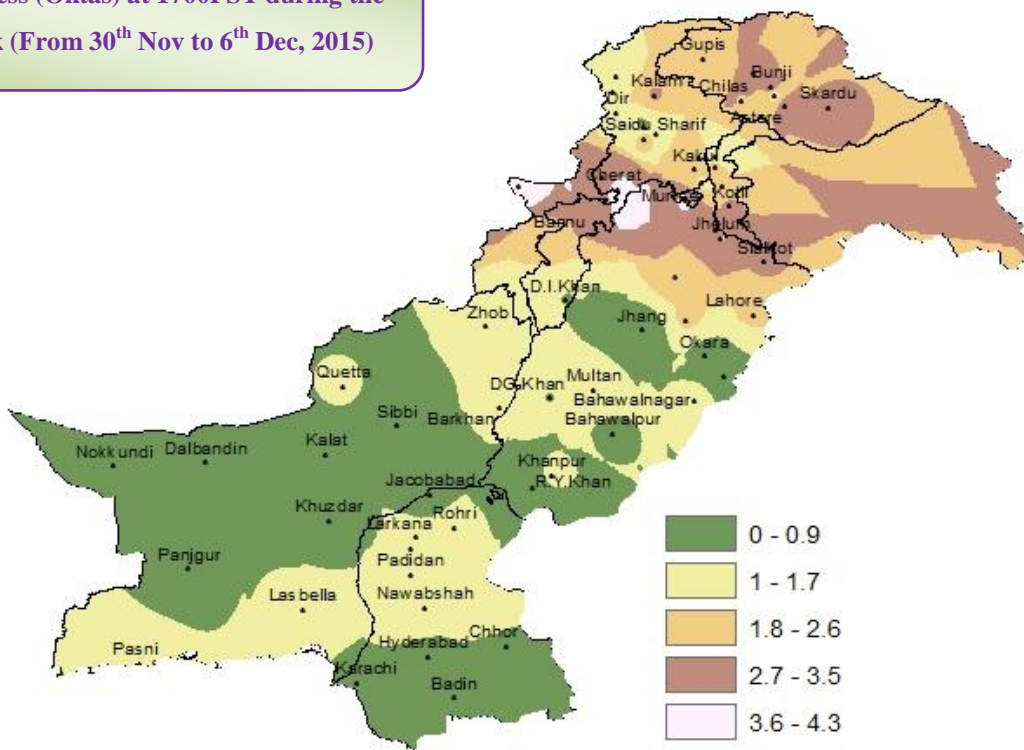
Mean Wind Speed (Knots) at 1700 PST during the Previous Week (From 30th Nov to 6th Dec, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous Week (From 30th Nov to 6th Dec, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous Week (From 30th Nov to 6th Dec, 2015)



Weekly Weather Advisory for Farmers
(From 7th to 12th December, 2015)

Continental air would prevail over most parts of the country during the current week. A fresh western disturbance is expected to enter western parts of the country on Tuesday and may persist over upper parts for 2-3 days.

MONDAY

07-12-2015

Mainly cold & dry weather is expected in most parts of the country. Foggy conditions are likely to prevail over Faisalabad, Sargodha, Lahore, Gujranwala, Sahiwal, Multan, Bahawalpur and Sukkur divisions during late night and morning hours.

TUESDAY

08-12-2015

Cold and dry weather is expected in most parts of the country. However, rain (snowfall over the hills) is expected at few places of Quetta, Zhob divisions, upper KP (Malakand, Peshawar, and Hazara divisions), Kashmir, Gilgit-Baltistan and upper FATA.

WEDNESDAY

09-12-2015

Partly cloudy to cloudy weather conditions with chances of rain (snowfall over the hills) is expected at scattered places of upper KP (Malakand, Hazara, Peshawar, Kohat, Mardan divisions), Sargodha, Rawalpindi, Gujranwala, Lahore divisions, Islamabad, Kashmir, Gilgit-Baltistan and FATA. Dry weather elsewhere in the country.

THURSDAY

10-12-2015

Partly cloudy to cloudy weather conditions with chances of rain (snowfall over the hills) is expected at scattered places of upper KP (Malakand, Hazara,

Peshawar, Kohat, Mardan divisions), Kashmir, Gilgit-Baltistan, FATA while at isolated places of Sargodha, Rawalpindi, Gujranwala, Lahore divisions, Islamabad . Dry weather elsewhere in the country.

FRIDAY

11-12-2015

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

SATURDAY

12-12-2015

Mainly cold & dry weather is expected in most parts of the country. Foggy conditions are likely to prevail over Faisalabad, Sargodha, Lahore, Gujranwala, Sahiwal, Multan, Bahawalpur and Sukkur divisions during late night and morning hours.

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 complete sowing of late wheat varieties as soon as possible.
- ❖ Farmers are advised not to burn the remaining of sugarcane and other Kharif crops after harvesting. Suitable management should be done in this regard.
- ❖ Leaves are falling nowadays from the trees standing beside wheat and other rabi crops. Farmers are advised to collect the dead leaves in time to promote normal growth of the crops.

National Weather Data of Selected Cities
(Weekly Data from 30th Nov to 6th Dec, 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	-2.9	-4.0	-20.8	55	0	1.6	3.3	1.3	0.0
Badin	15.2	13.8	104.9	57	0	0.0	0.4	0.3	1.4
Bahawalnagar	11.4	9.5	94.4	73	0	2.6	1.1	0.0	0.0
Bahawalpur	10.8	8.9	87.1	72	0	0.0	0.7	0.0	0.0
Balakot	4.6	3.9	42.0	69	0	0.9	2.3	0.7	0.3
Bannu	5.8	5.0	66.0	39	0	2.3	2.1	14.6	0.0
Barkhan	7.5	5.5	60.5	25	0	0.6	1.1	1.1	0.6
Bunji	3.2	2.8	18.3	50	0	3.0	3.3	1.3	0.3
Cherat	7.4	6.5	41.0	50	0	1.6	3.7	3.4	2.6
Chhor	10.0	8.5	95.8	54	0	0.0	0.9	0.7	1.1
Chilas	5.4	4.5	33.3	42	0	1.7	2.6	0.7	0.6
Chitral	2.6	1.5	23.6	49	0	0.6	0.9	3.1	3.4
D.I.Khan	6.7	6.0	62.3	69	0	0.6	0.9	0.3	0.9
Dalbandin	0.9	0.0	50.5	31	0	0.9	0.9	2.0	2.9
DG.Khan	10.4	9.7	86.1	61	0	1.0	0.9	1.1	2.3
Dir	-0.1	-1.0	14.3	62	0	0.4	1.4	0.4	1.4
Drosh	4.9	4.5	30.2	30	0	0.7	1.7	0.7	13.3
Faisalabad	9.2	7.5	86.7	74	0	1.3	2.0	0.2	0.2
Garidopatta	5.0	4.5	42.1	74	0	0.4	2.0	0.3	0.0
Gawader	16.0	14.0	112.8	64	0	0.4	1.4	2.6	6.0
Gilgit	-2.2	-2.5	-6.1	70	0	2.4	2.7	0.3	0.0
Gupis	-3.1	-4.0	-18.0	43	0	0.9	2.1	2.3	0.9

Hyderabad	13.5	12.0	94.7	47	0	0.3	0.6	1.4	3.7
Islamabad	6.2	4.5	60.2	73	0	2.9	3.7	1.4	0.6
Jacobabad	10.4	8.0	80.3	52	0	0.7	0.4	1.1	0.6
Jhang	8.4	7.5	77.9	69	0	0.3	0.0	0.0	0.0
Jhelum	8.8	7.0	76.5	77	0	2.3	2.6	0.6	0.0
Jiwani	21.4	20.5	133.5	62	0	1.0	1.7	1.1	5.7
Kakul	4.4	3.5	35.0	56	0	0.3	2.0	0.0	0.9
Kalam	-0.4	-1.0	7.5	53	0	0.6	2.7	0.6	0.0
Kalat	-3.3	-6.0	9.3	27	0	0.0	0.6	0.0	1.4
Karachi	14.7	12.5	109.9	47	0	0.6	0.7	13.4	7.4
Khanpur	8.3	7.6	79.9	66	0	0.4	1.1	0.0	0.0
Khuzdar	14.3	11.0	96.5	26	0	0.0	0.0	0.0	0.6
Kotli	8.1	7.0	63.2	69	0	2.1	2.7	1.0	0.0
Lahore	11.6	10.8	77.9	70	0	1.3	1.9	0.3	0.0
Larkana	11.9	10.3	90.6	53	0	0.0	1.0	0.0	0.6
Lasbella	6.8	6.0	76.4	40	0	0.6	1.4	1.1	2.0
Lower Dir	2.7	2.0	28.5	74	0	0.6	0.6	0.3	0.3
M.B Din	9.6	8.5	71.4	80	0	2.4	2.4	0.7	0.0
Malam Jabba	3.4	1.0	16.0	46	0	0.9	1.6	3.7	1.7
Mangla	8.0	6.7	70.9	68	0	3.1	2.9	0.9	0.6
Mir Khani	1.7	1.0	19.3	56	0	0.0	1.1	0.0	0.0
Moinjodaro	9.8	9.0	80.4	57	0	0.3	1.1	0.0	0.9
Multan	10.9	10.0	86.4	61	0	0.7	1.4	0.3	0.0
Murree	7.8	2.8	52.8	43	0	1.1	1.6	0.6	1.7
Muzaffarabad	5.4	4.2	43.4	71	0	0.6	1.7	0.9	0.0
Nawabshah	9.8	9.0	92.3	58	0	0.4	1.6	1.4	4.4

Nokkundi	8.3	5.5	92.3	16	0	0.7	0.4	1.1	1.4
Okara	10.9	10.2	93.4	72	0	2.7	0.6	0.6	0.6
Padidan	10.7	10.0	87.8	61	0	0.4	1.6	0.6	2.0
Panjgur	6.1	4.5	54.5	38	0	0.0	0.3	8.0	8.6
Parachinar	-3.2	-3.6	-14.1	49	0	3.0	4.3	2.9	3.0
Pasni	14.1	11.5	95.0	62	0	0.7	1.1	0.7	6.6
Pattan	13.5	13.0	***	75	0	0.0	1.0	14.3	14.3
Peshawar	7.4	6.5	56.0	73	0	1.6	3.0	0.4	0.3
Quetta	3.0	1.0	47.3	31	0	2.0	1.0	0.9	1.6
R.Y.Khan	10.6	10.0	91.5	67	0	0.0	0.0	0.0	0.3
Rawalakot	1.9	0.5	25.6	64	0	1.6	1.9	0.3	0.0
Rawalpindi	8.0	6.5	72.3	74	0	1.4	1.3	0.0	0.3
Sahiwal	9.0	8.0	74.4	70	0	1.7	0.4	0.0	0.6
Saidu Sharif	3.8	3.0	34.4	63	0	0.4	2.1	0.4	0.0
Sialkot	9.5	7.4	72.9	81	0	2.4	2.7	0.6	0.3
Sibbi	3.8	3.0	57.8	42	0	0.0	0.0	0.0	0.0
Skardu	-5.9	-9.2	-33.9	66	0	1.9	2.7	0.4	0.0
Tandojam	10.5	8.0	102.0	65	0	0.0	0.0	0.3	0.5
Usta.M	9.6	9.0	98.5	55	0	0.5	1.9	0.5	2.0
Zhob	2.7	2.0	30.3	31	0	0.7	1.1	2.4	4.9

*** Shows the data is not available.