

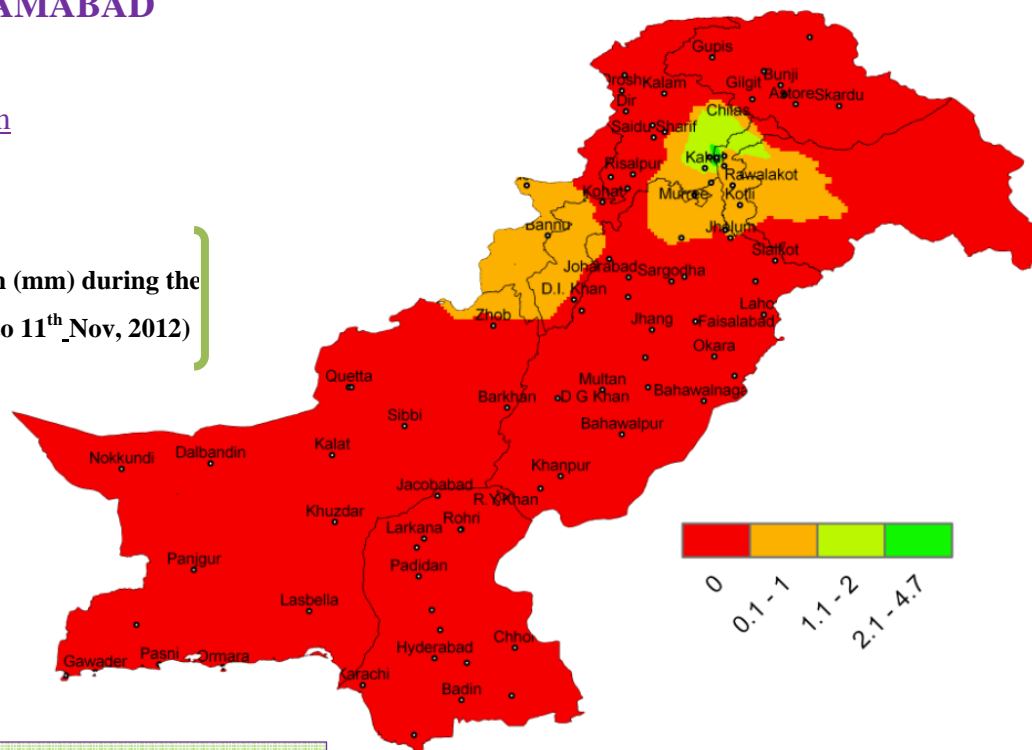
Weekly Weather and Crop Bulletin for Pakistan

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Rainfall distribution (mm) during the
last week (from 5th to 11th Nov, 2012)



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Highlights of Past Weather (5th to 11th Nov, 2012)

Dry & cold weather reported from most of the agricultural plains of the country however light rainfall reported from a few places of Punjab, Khyberpakhtunkhwa and Gilgit Baltistan & Azad Kashmir region.

Chief Editor: Dr. Khalid Mehmood Malik (Director)

Editor: Dildar Hussain Kazmi (Meteorologist)

Punjab

Dry & cold weather observed all over the province, during the week however rainfall of 0.1 mm reported from a single place "Islamabad". Weekly maximum temperature and minimum temperature recorded as 24.8°C & 13.2°C respectively. For the present season on average 110.4 growing degree days accumulated by the end of last week. Average relative humidity recorded as 65 % and wind speed in the morning/evening recorded as 0.4/0.5 Knots. During the previous week extreme minimum temperature recorded as 6.0°C at Murree.

Sindh

Dry & cold weather observed all over the province, during the week. Weekly maximum temperature and minimum temperature recorded as 32.7°C & 17.2°C respectively. For the present season on average 139.7 growing degree days accumulated by the end of last week. Average relative humidity recorded as 58 % and wind speed in the morning/evening recorded as 1.0/3.0 Knots. During the previous week the extreme minimum temperature recorded as 12.0°C at Mirpur Khas.

Khyber Pakhtoon Khawa (KP)

Dry & cold weather observed all over the region, during the week however light rainfall reported from a few places. Weekly maximum temperature and minimum temperature recorded as 22.8°C & 6.7°C respectively. For the present season on average 65.3 growing degree days accumulated by the end of last week. Average relative humidity recorded as 61 % and wind speed in the morning/evening recorded as 0.8/1.4 Knots. During the previous week rainfall recorded as 1.0 mm at Kakul, Balakot and Bannu whereas the extreme minimum temperature recorded as -1.5°C at Malamjabba.

Balochistan

Dry & cold weather observed all over the province, during the week. Weekly maximum temperature and minimum temperature recorded as 28.7°C & 11.7°C respectively. For the present season on average 107.4 growing degree days accumulated by the end of last week. Average relative humidity recorded as 49 % and wind speed in the morning/evening recorded as 1.4/5.2 Knots. During the previous week the extreme minimum temperature recorded as -3.0°C at Kalat.

Gilgit Baltistan and Azad Jammu & Kashmir

Dry & cold weather observed all over the region, during the week however light rainfall reported from a few places. Weekly maximum temperature and minimum temperature recorded as 21.2°C & 4.0°C respectively. For the present season on average 51.4 growing degree days accumulated by the end of last week. Average relative humidity recorded as 54 % and wind speed in the morning/evening recorded as 0.4/1.9 Knots. During the previous week the highest rainfall recorded at Muzaffarabad as 5.0 mm and extreme minimum temperature recorded as -5.8°C at Skardu.

Past Weather for Major Agricultural Plains

(from 5th to 11th Nov, 2012)

Rawalpindi (Potohar region)

Dry and cold weather observed during the last week with cloudiness in the morning/evening as 0.6/1.1 oktas while average relative humidity observed as 61%. Mean night temperature recorded as 9.8°C & for the present season 93.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.2 Km/h.

Tandojam (Lower Sindh)

Dry weather observed during the last week with clear skies while average relative humidity observed as 69%. Mean night temperature recorded as 17.4°C & for the present season 145.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/1.4 Km/h.

Faisalabad (Central Punjab)

Dry weather observed during the last week with cloudiness in the morning/evening as 0.1/0.1 oktas while average relative humidity observed as 56%. Mean night temperature recorded as 13.6°C & for the present season 112.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/0.6 Km/h.

Quetta (Northern Balochistan)

Dry and cold weather observed during the last week with clear skies while average relative humidity observed as 24%. Mean night temperature recorded as 5.6°C & for the present season 54.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.2/7.1 Km/h.

Past Weather for sub regional Agri-cultural Plains (from 5th to 11th Nov, 2012)

Rohri

Dry weather with clear skies observed during the last week while average relative humidity recorded as 53%. Mean night temperature recorded as 17.4°C & for the present season 138.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.3/1.0 Knots.

Multan

Dry weather with clear skies observed during the last week while average relative humidity recorded as 64%. Mean night temperature recorded as 15.4°C & for the present season 121.7 growing degree days accumulated by the end of last week. Wind recorded in the morning/evening as Calm (no wind) Knots.

Lahore

Dry weather with with cloudiness recorded in the morning/evening as 0/0.1 oktas and average relative humidity recorded as 63%. Mean night temperature recorded as 14.9°C & for the present season 114.5 growing degree days accumulated by the end of last week. Wind recorded in the morning/evening as Calm (no wind) Knots.

Zhob

Dry weather with clear skies observed during the last week while average relative humidity recorded as 28%. Mean night temperature recorded as 8.7°C & for the present season 106.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.2/7.7 Knots.

D.I. Khan

Dry weather with clear skies observed during the last week while average relative humidity recorded as 51%. Mean night temperature recorded as 12.7°C & for the present season 107.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.3/0.3 Knots.

Peshawar

Dry weather observed during the last week with cloudiness in the morning/evening as 0.3/0.7 Oktas and average relative humidity observed as 72%. Mean night temperature recorded as 11.1°C & for the present season 95.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/0 Knots.

Murree

Dry weather observed during the last week with cloudiness in the morning/evening as 0.8/1.1 Oktas and average relative humidity observed as 59%. Mean night temperature recorded as 7.6°C & for the present season 51.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.4/0 Knots.

Malam Jabba

Dry weather observed during the last week with cloudiness in the morning/evening as 0/0.9 Oktas and average relative humidity observed as 79%. Mean night temperature recorded as 0.1°C & for the present season 7.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.4/0 Knots.

Gilgit.

Dry weather observed during the last week with cloudiness in the morning/evening as 0/1.0 Oktas and average relative humidity observed as 64%. Mean night temperature recorded as 0.3°C & for the present season 49.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0/0.3 Knots.

Skardu

Dry weather observed during the last week, cloudiness recorded in the morning/evening as 1.6/1.0 Oktas and average relative humidity as 58%. Mean night temperature recorded as -4.6°C & for the present season 5.2 growing degree days accumulated by the end of last week. Wind recorded in the morning/evening as Calm (no wind).

Crop Situation for major agricultural plains (based on data from Regional Agromet Centres)

Potohar Region (Rawalpindi)

No crop is grown in the fields at present.

Central Punjab (Faisalabad)

There are two crops (irrigated conditions) grown in the fields as detailed below.

Sugarcane: Good condition, at Third leaf stage.

Cotton: Very Good condition, Boll-Opening stage completed.

Lower Sindh (Tandojam)

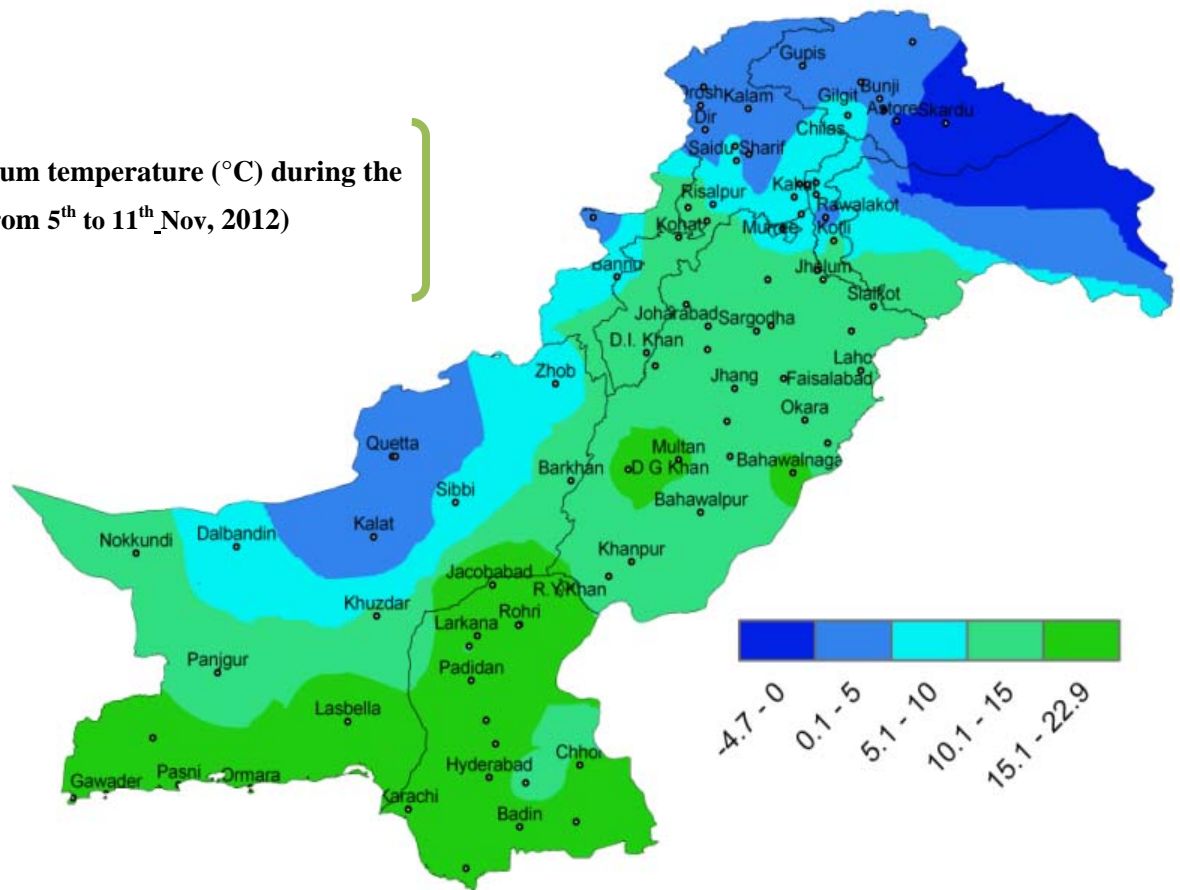
There is presently one crop (irrigated conditions) grown in the fields as detailed below.

Wheat (TJ-83): Good condition, Emerging.

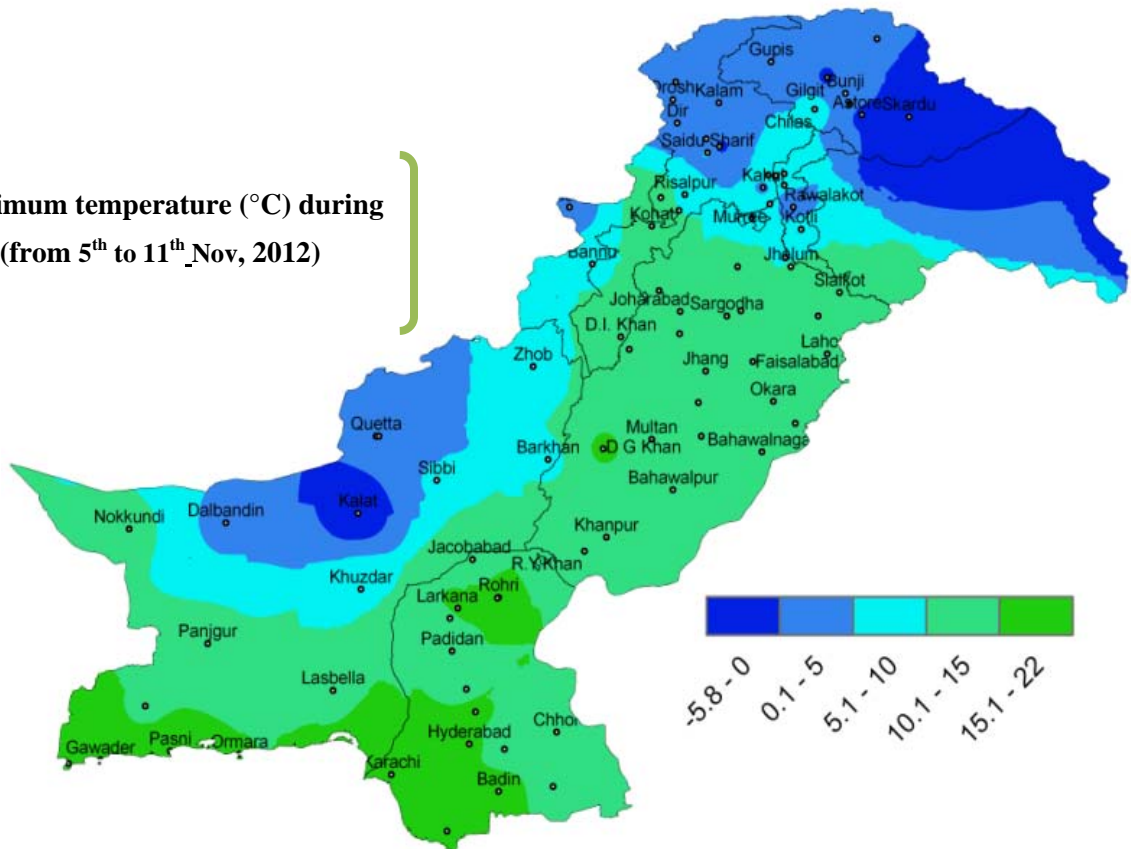
Northern Balochistan (Quetta)

No crop is grown in the fields, so far.

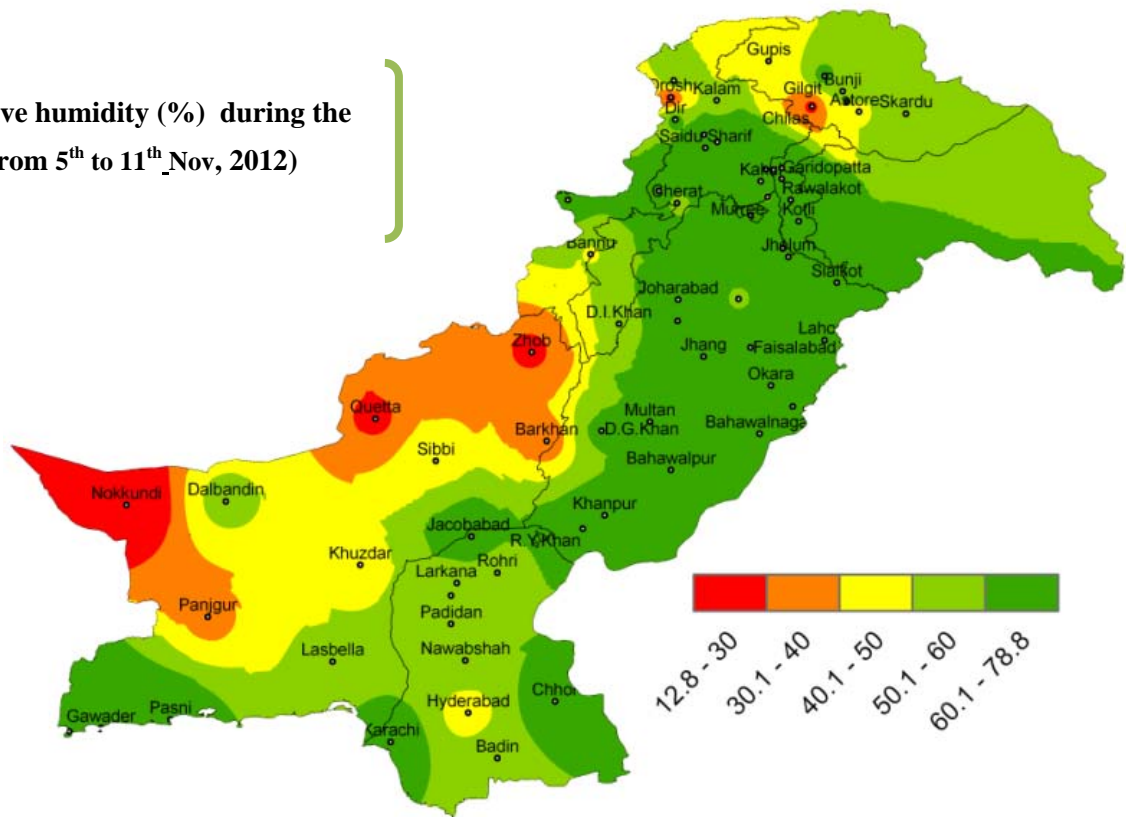
Mean minimum temperature (°C) during the last week (from 5th to 11th Nov, 2012)



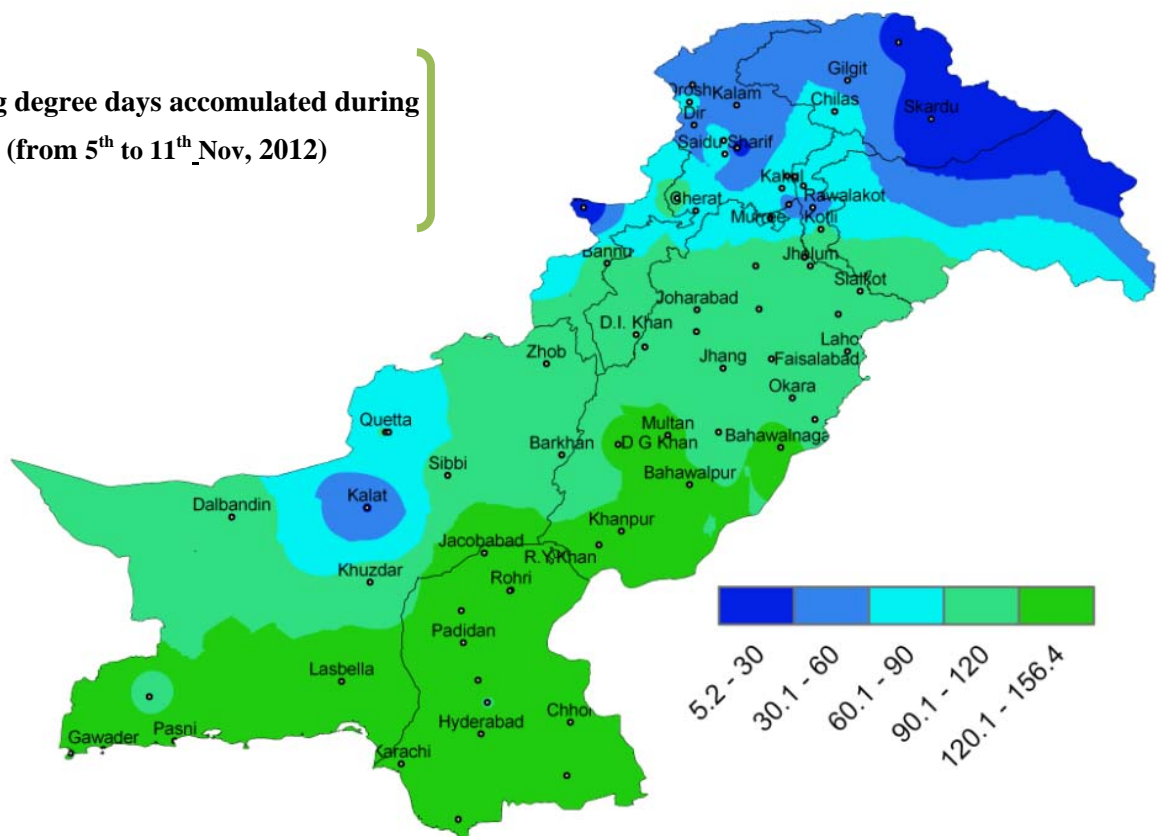
Extreme minimum temperature (°C) during the last week (from 5th to 11th Nov, 2012)



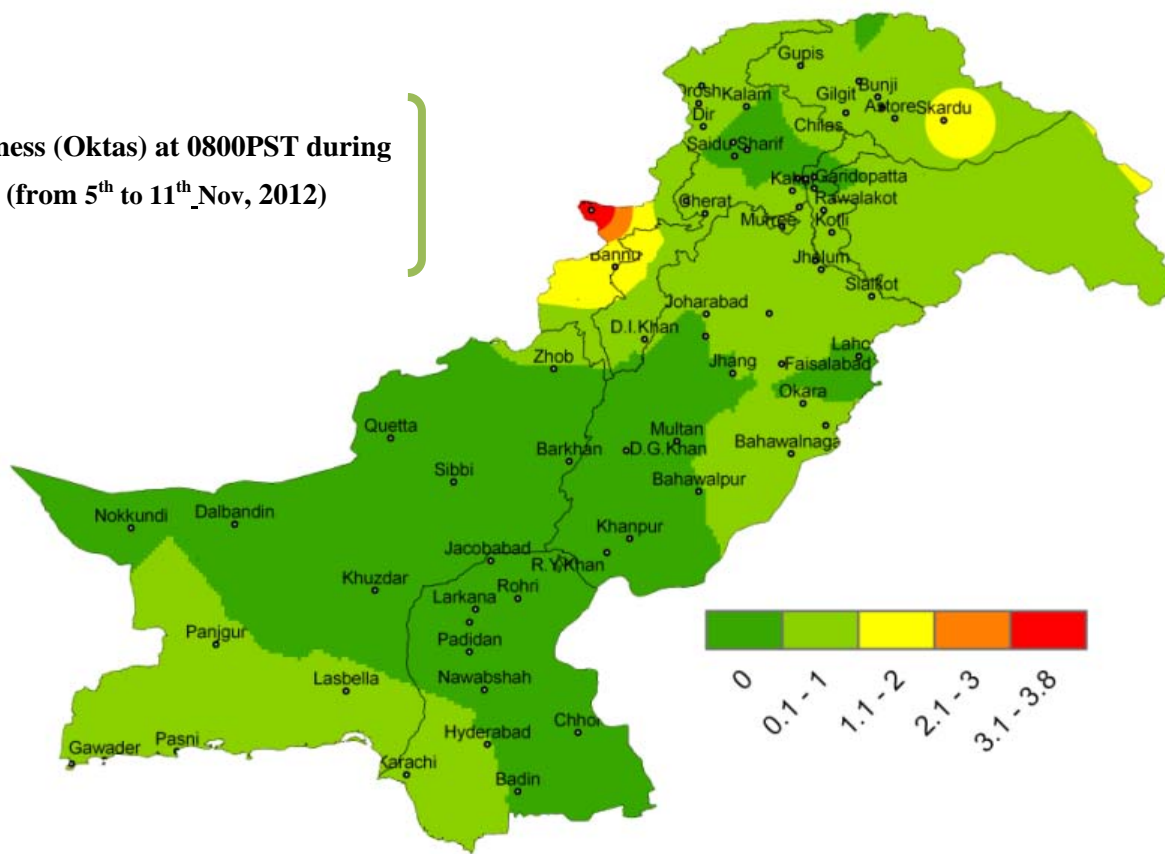
Mean relative humidity (%) during the last week (from 5th to 11th Nov, 2012)



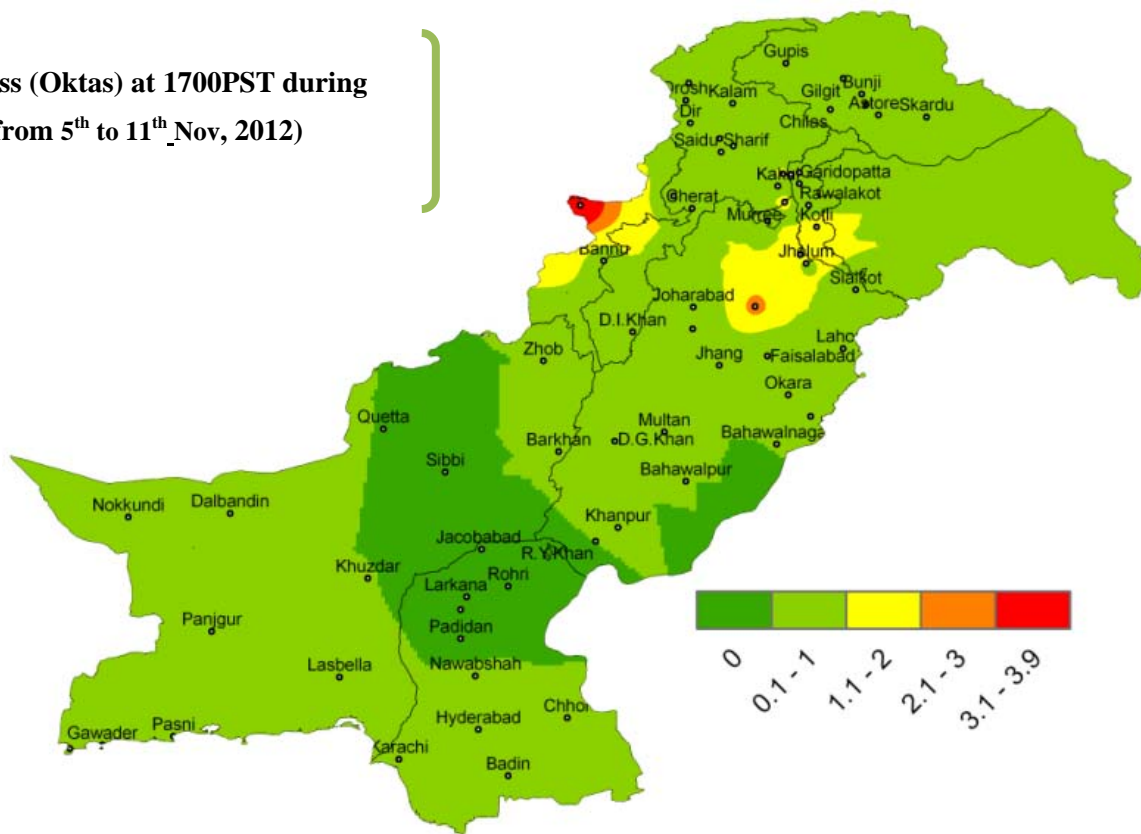
Total growing degree days accumulated during the last week (from 5th to 11th Nov, 2012)



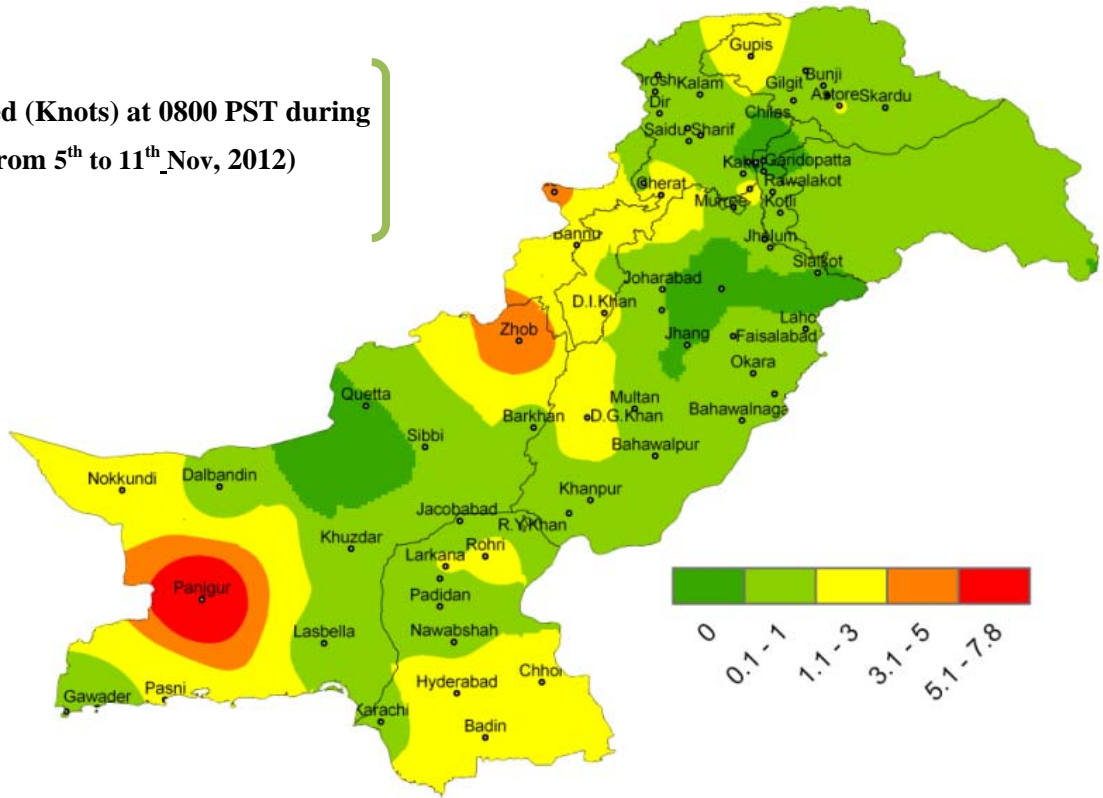
Mean Cloudiness (Oktas) at 0800PST during the last week (from 5th to 11th Nov, 2012)



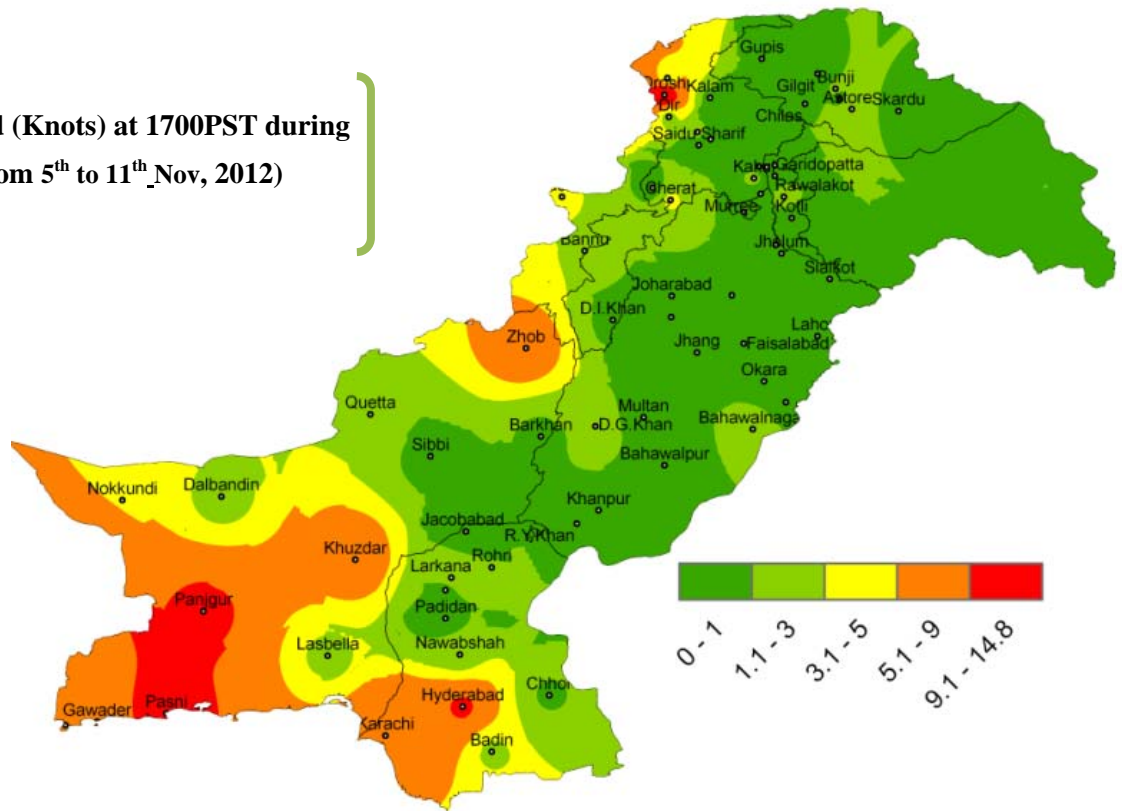
Mean Cloudiness (Oktas) at 1700PST during the last week (from 5th to 11th Nov, 2012)



Mean wind speed (Knots) at 0800 PST during the last week (from 5th to 11th Nov, 2012)



Mean wind speed (Knots) at 1700 PST during the last week (from 5th to 11th Nov, 2012)



Weekly Weather advisory for Farmers (from 12th to 18th November, 2012)

Continental air would prevail over most parts of the country during the week. A shallow trough of westerly wave is likely to approach northern parts of the country on Friday night.

Punjab including Islamabad

Mainly dry weather is expected in most parts of the province during the week.

Khyber Pakhtunkhwa

Mainly dry weather is expected in most parts of the province during the week. However light rain/thunderstorm is likely at isolated places of Malakand division on Saturday/Sunday.

Baluchistan

Mainly cold & dry weather is expected in most parts of the province during the week.

Sindh

Mainly dry weather is expected in most parts of the province during the week.

Kashmir

Cold & Dry weather is expected in most parts of the Kashmir during the week. However light rain/thunderstorm may occur at isolated places of Kashmir on Saturday/Sunday.

Gilgit-Baltistan

Cold & Dry weather is expected in most parts of G.B during the week. However light rain/thunderstorm may occur at isolated places of GB on Saturday/Sunday.

Advices for Crops:

Sugarcane: Farmers are advised to manage irrigation practices as per weather prediction during the week.

General Information: Farmers of rainfed areas, obtaining crop water through tube wells are advised to schedule the irrigation according to the expected weather mentioned above during the week. It is advised to ensure field sanitation and spray prophylactic fungicidal sprays to prevent spread of diseases on vegetables. Also farmers are advised to keep control on post-harvesting losses due to pests/insects.

Precautionary Measures for Animals Care:

Farmers in the lower half of the country especially those in central regions are advised to take up poultry rearing houses to maintain optimum room temperature and take care against the rapid changes in air temperature and relative humidity.

Farmers in the coastal belt of the country are advised to vaccinate the cattle's against black quarter and other diseases.

National Weather Data of Selected Cities

(Weekly data from 5th to 11th November, 2012)

STATIONS	Minimum/Day Temperature (°C)		Growing Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800 PST	Cloudiness (Oktas) 1700 PST	Wind Speed (Knots) 0800 PST	Wind Speed (Knots) 1700 PST
	Mean	Lowest							
Astore	-1.5	-2.6	***	49	0.0	0.2	0.6	1.2	2.9
Badin	20.5	19.0	***	58	0.0	0.0	0.0	1.7	2.7
Bahawalnagar	15.9	15.0	126.2	63	0.0	0.5	0.0	0.3	1.7
Bahawalpur	13.3	12.0	120.9	61	0.0	0.0	0.0	0.8	0.3
Balakot	7.1	5.8	73.4	69	1.0	0.0	1.1	0.0	0.7
Bannu	9.8	9.0	102.4	50	1.0	1.4	0.7	1.2	2.9
Barkhan	10.0	9.0	91.8	34	0.0	0.0	0.0	0.3	0.3
Bunji	5.1	4.4	***	53	0.0	0.0	0.6	0.4	1.1
Cherat	11.0	10.0	70.9	58	0.0	0.4	0.9	2.8	3.4
Chhor	15.1	14.0	136.3	70	0.0	0.0	0.0	1.0	0.7
Chilas	9.0	7.5	78.3	27	0.0	0.4	0.6	0.0	0.6
Chitral	2.4	1.1	53.6	60	0.0	0.6	0.0	0.4	2.9
D.G.Khan	16.2	15.5	124.9	63	0.0	0.0	0.1	2.8	2.3
D.I.Khan	12.6	11.5	107.1	51	0.0	0.0	0.0	1.3	0.3
Dalbandin	5.6	4.0	102.8	54	0.0	0.0	0.7	0.0	2.0
Dir	2.1	1.5	50.0	63	0.0	0.0	0.9	0.0	2.0
Drosh	5.2	4.5	66.5	26	0.0	0.4	0.7	0.0	14.9
Faisalabad	13.6	12.0	111.3	68	0.0	0.0	0.1	0.0	0.3
Garidopatta	5.9	5.0	73.8	71	0.0	0.0	0.6	0.0	0.6
Gawader	17.1	16.0	140.3	69	0.0	0.0	0.0	0.0	8.7
Gilgit	0.2	-1.0	49.5	64	0.0	0.0	1.0	0.0	0.3
Gupis	1.8	1.0	***	41	0.0	0.0	0.4	2.8	0.9
Hyderabad	19.0	16.0	152.6	44	0.0	0.0	0.7	3.0	9.7
Islamabad	9.0	8.5	90.3	71	0.1	0.3	0.7	0.0	0.3
Jacobabad	17.9	13.8	137.9	70	0.0	0.0	0.0	0.0	0.0
Jhang	13.1	12.2	112.4	70	0.0	0.0	0.3	0.0	0.0
Jhelum	11.8	10.6	109.4	74	0.0	0.2	0.9	0.0	0.9
Jiwani	22.9	22.0	156.0	70	0.0	0.3	0.5	0.7	5.7
Joharabad	12.4	11.5	108.0	72	0.0	0.0	0.3	0.0	0.0
Kakul	5.0	4.3	59.9	61	1.0	0.0	0.7	0.0	1.4
Kalam	0.9	0.5	29.9	53	0.0	0.0	0.6	0.0	0.3
Karachi	20.7	20.0	154.5	70	0.0	0.4	0.8	0.4	8.7

Khanpur	13.9	12.7	121.0	65	0.0	0.0	0.0	0.0	0.3
Khuzdar	10.2	9.0	96.5	44	0.0	0.0	0.0	0.0	8.0
Kotli	10.8	10.0	96.2	62	0.0	0.6	1.6	0.4	0.3
Lahore	14.8	13.5	114.5	63	0.0	0.0	0.1	0.0	0.0
Larkana	17.4	16.0	***	56	0.0	0.0	0.0	1.3	3.0
Lasbella	17.8	14.5	150.3	53	0.0	0.0	0.7	0.3	2.3
Lower Dir	6.4	5.0	79.0	63	0.0	0.0	0.4	0.4	1.7
Malam Jabba	0.3	-1.5	7.8	79	0.0	0.0	0.9	0.4	0.0
Mandibahudin	14.0	13.0	110.2	59	0.0	0.6	2.1	0.0	0.0
Mangla	10.2	9.4	100.2	64	0.0	0.6	1.4	0.0	0.6
Mir Khani	4.2	3.3	***	50	0.0	0.0	0.0	0.0	0.6
Moen-Jo-Daro	14.7	14.0	129.0	59	0.0	0.0	0.0	0.3	0.0
Multan	15.4	14.5	121.7	64	0.0	0.0	0.0	0.0	0.0
Murree	7.5	6.8	51.5	59	0.0	0.8	1.1	2.4	0.0
Muzaffarabad	7.9	7.2	79.6	69	5.0	0.0	1.0	0.0	0.0
Nawabshah	15.1	14.0	***	58	0.0	0.0	0.0	0.7	2.0
Noorpurthal	12.6	11.5	116.3	71	0.0	0.0	0.4	0.0	0.3
Okara	14.6	13.0	119.7	66	0.0	0.0	0.0	0.4	0.6
Padidan	15.8	15.0	131.0	58	0.0	0.0	0.0	0.0	0.4
Panjgur	12.0	11.0	***	37	0.0	0.0	0.0	7.8	10.0
Parachinar	0.6	0.5	10.0	65	0.0	3.8	3.9	3.4	3.3
Pasni	19.1	18.0	124.0	70	0.0	0.5	0.0	1.0	10.0
Pattan	9.1	8.5	***	64	0.0	0.0	0.0	0.0	0.0
Peshawar	12.9	12.0	102.7	72	0.0	0.3	0.7	0.7	0.0
Quetta	1.1	0.0	107.3	28	0.0	0.0	0.0	0.0	2.9
R. Y. Khan	14.5	12.8	127.3	68	0.0	0.0	0.0	0.3	0.9
Rawalakot	2.5	0.5	39.6	67	0.1	0.0	0.3	0.0	1.7
Rohri	17.3	16.0	138.3	53	0.0	0.0	0.0	1.3	1.0
Sahiwal	12.6	11.8	109.7	69	0.0	0.0	0.0	0.4	0.6
Saidu Sharif	6.4	5.5	71.0	61	0.0	0.0	0.4	0.0	0.0
Sialkot	12.3	11.4	102.8	73	0.0	0.0	0.6	0.0	0.0
Sibbi	6.9	6.0	102.5	48	0.0	0.0	0.0	0.0	0.0
Skardu	-4.7	-5.8	5.2	58	0.0	1.6	1.0	0.0	0.0
Zhob	8.5	7.0	106.3	28	0.0	0.0	0.0	4.2	7.7

**** Data not available**