

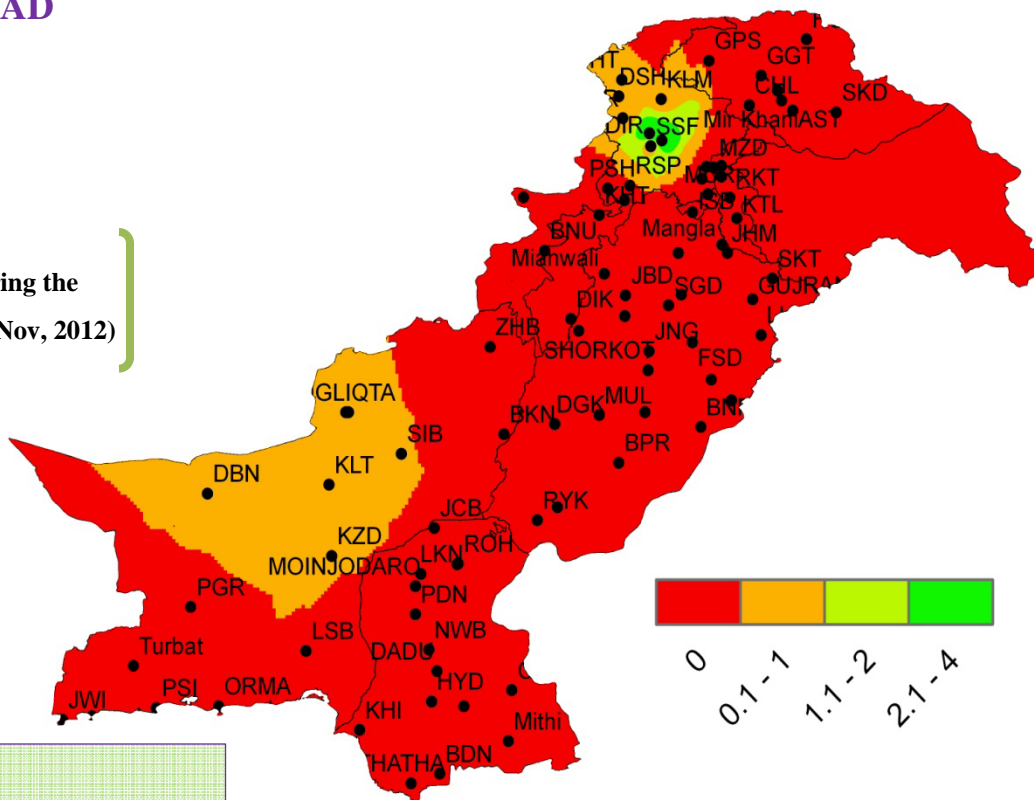
Weekly Weather and Crop Bulletin for Pakistan

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Rainfall distribution (mm) during the
last week (from 29th Oct to 4th Nov, 2012)



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Highlights of Past Weather (29th Oct to 4th Nov, 2012)

Dry weather reported from most of the agricultural plains of the country however light rainfall reported from a few places of Khyberpakhtunkhwa and Balochistan provinces.

Chief Editor: Dr. Khalid Mehmood Malik (Director)

Editor: Dildar Hussain Kazmi (Meteorologist)

Punjab

Dry weather observed all over the province, during the week. Weekly maximum temperature and minimum temperature recorded as 30.5°C & 14.4°C respectively. For the present season on average 122.3 growing degree days accumulated by the end of last week. Average relative humidity recorded as 66 % and wind speed in the morning/evening recorded as 0.2/0.4 Knots. During the previous week extreme minimum temperature recorded as 7.0°C at Murree.

Sindh

Dry weather observed all over the province, during the week. Weekly maximum temperature and minimum temperature recorded as 33.9°C & 16.9°C respectively. For the present season on average 142.4 growing degree days accumulated by the end of last week. Average relative humidity recorded as 53 % and wind speed in the morning/evening recorded as 2.4/2.6 Knots. During the previous week the extreme minimum temperature recorded as 11.0°C at Mirpur Khas.

Khyber Pakhtoon Khawa (KP)

Light rainfall reported from a few places of the agricultural plains of the province, during the last week. Weekly maximum temperature and minimum temperature recorded as 24.7°C & 8.5°C respectively. For the present season on average 84.1 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 0.9/1.2 Knots. During the previous week the highest rainfall recorded as 4.0 mm at Lower Dir and the extreme minimum temperature recorded as 0.0°C at Malamjabba.

Balochistan

Dry weather observed all over the province, during the week however rainfall reported as 0.1 mm & Trace (indeterminate amount) from Kallat

and Quetta. Weekly maximum temperature and minimum temperature recorded as 29.4°C & 13.1°C respectively. For the present season on average 113.1 growing degree days accumulated by the end of last week. Average relative humidity recorded as 44 % and wind speed in the morning/evening recorded as 1.1/5.2 Knots. During the previous week the extreme minimum temperature recorded as -2.5°C at Kalat.

Gilgit Baltistan and Azad Jammu & Kashmir

Dry weather observed all over the region, during the week. Weekly maximum temperature and minimum temperature recorded as 23.4°C & 5.3°C respectively. For the present season on average 62.2 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 0.3/1.5 Knots. During the previous week extreme minimum temperature recorded as -3.8°C at Skardu.

Past Weather for Major Agricultural Plains (from 29th Oct to 4th Nov, 2012)

Rawalpindi (Potohar region)

Dry weather observed during the last week with clear skies while average relative humidity observed as 62%. Mean night temperature recorded as 12.4°C & for the present season 107.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/1.7 Km/h.

Tandojam (Lower Sindh)

Dry weather observed during the last week with clear skies while average relative humidity observed as 59%. Mean night temperature recorded as 15.3°C & for the present season 140.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.3 Km/h.

Faisalabad (Central Punjab)

Dry weather observed during the last week with clear skies while average relative humidity observed as 57%. Mean night temperature recorded as 14.2°C & for the present season 121.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0/0.9 Km/h.

Quetta (Northern Balochistan)

Dry weather observed during the last week with cloudiness in the morning/evening as 0.6/1.7 oktas while average relative humidity observed as 32%. Mean night temperature recorded as 6.7°C & for the present season 65.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/7 Km/h.

Past Weather for sub regional Agri-cultural Plains (from 29th Oct to 4th Nov, 2012)

Rohri

Dry weather with clear skies observed during the last week while average relative humidity recorded as 48%. Mean night temperature recorded as 19.0°C & for the present season 148.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.1 Knots.

Multan

Dry weather with clear skies observed during the last week while average relative humidity recorded as 56%. Mean night temperature recorded as 17.0°C & for the present season 142.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/0.6 Knots.

Lahore

Dry weather with clear skies observed during the last week while average relative humidity recorded as 65%. Mean night temperature recorded as 16.1°C & for the present season 124.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0/0.6 Knots.

Jhelum

Dry weather with clear skies observed during the last week while average relative humidity recorded as 73%. Mean night temperature recorded as 13.7°C & for the present season 122.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0/0.9 Knots.

D.I. Khan

Dry weather observed during the last week with cloudiness recorded in the morning/evening as 0.4/0.4 oktas and average relative humidity recorded as 67%. Mean night temperature recorded as 14.4°C & for the present season 122.7 growing degree days accumulated by the end of last

week. Wind recorded in the morning/evening as Calm (no wind).

Peshawar

Dry weather observed during the last week with cloudiness in the morning/evening as 0.8/1.2 Oktas and average relative humidity observed as 43%. Mean night temperature recorded as 13.3°C & for the present season 104.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.2/2.4 Knots.

Murree

Dry weather with clear skies observed during the last week while average relative humidity recorded as 61%. Mean night temperature recorded as 8.5°C & for the present season 63.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0/0.3 Knots.

Kakul

Dry weather observed during the last week with cloudiness in the morning/evening as 0/0.6 Oktas and average relative humidity observed as 61%. Mean night temperature recorded as 6.5°C & for the present season 73.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0/1.1 Knots.

Gilgit.

Dry weather observed during the last week with cloudiness in the morning/evening as 0.3/1.6 Oktas and average relative humidity observed as 64%. Mean night temperature recorded as 2.5°C & for the present season 63.2 growing degree days accumulated by the end of last week. Wind recorded in the morning/evening as Calm (no wind).

Skardu

Dry weather observed during the last week, cloudiness recorded in the morning/evening as 0.1/1.3 Oktas and average relative humidity as 52%. Mean night temperature recorded as -2.4°C & for the present season 22.9 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)

Presently only one crop (rainfed conditions) is grown in the fields as detailed below.

Maize: Good condition at Wax Maturity stage.

Central Punjab (Faisalabad)

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

Sugarcane: Good condition, Tillering stage completed.

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

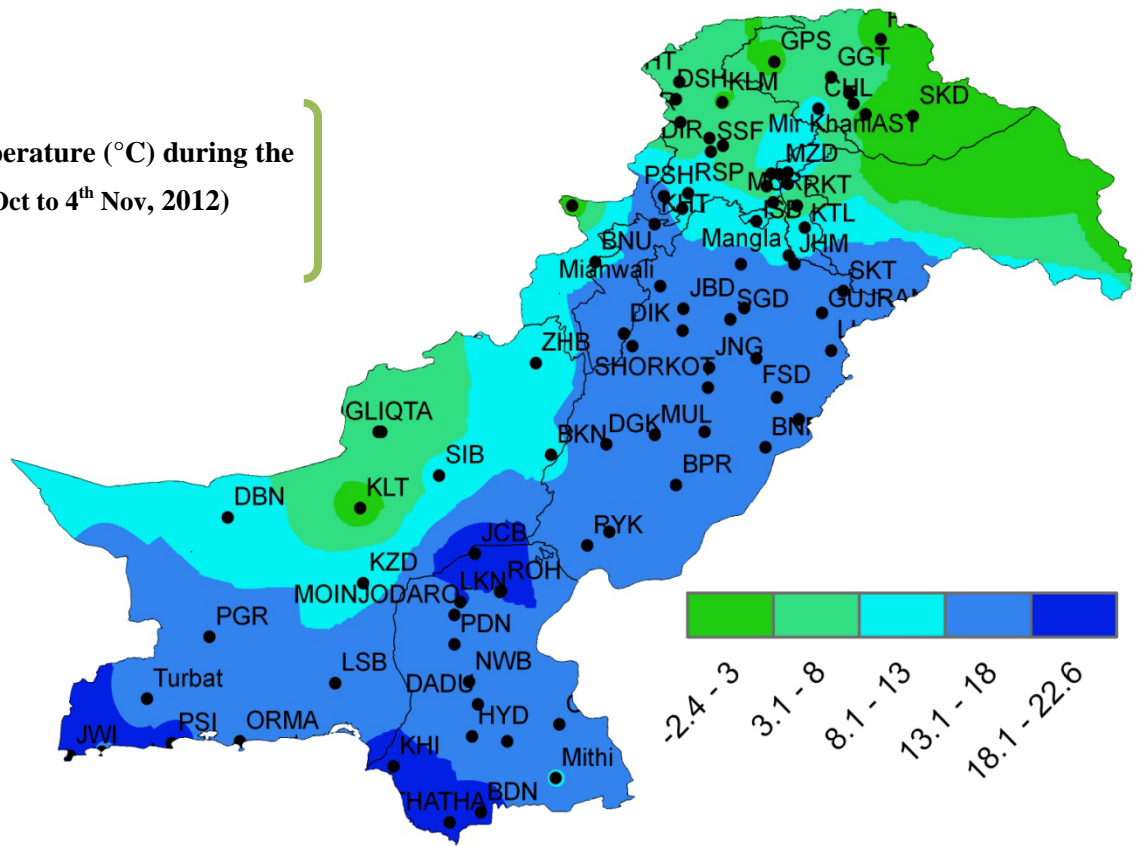
Lower Sindh (Tandojam)

Presently no crop is there in the field however it has been prepared for the upcoming crop.

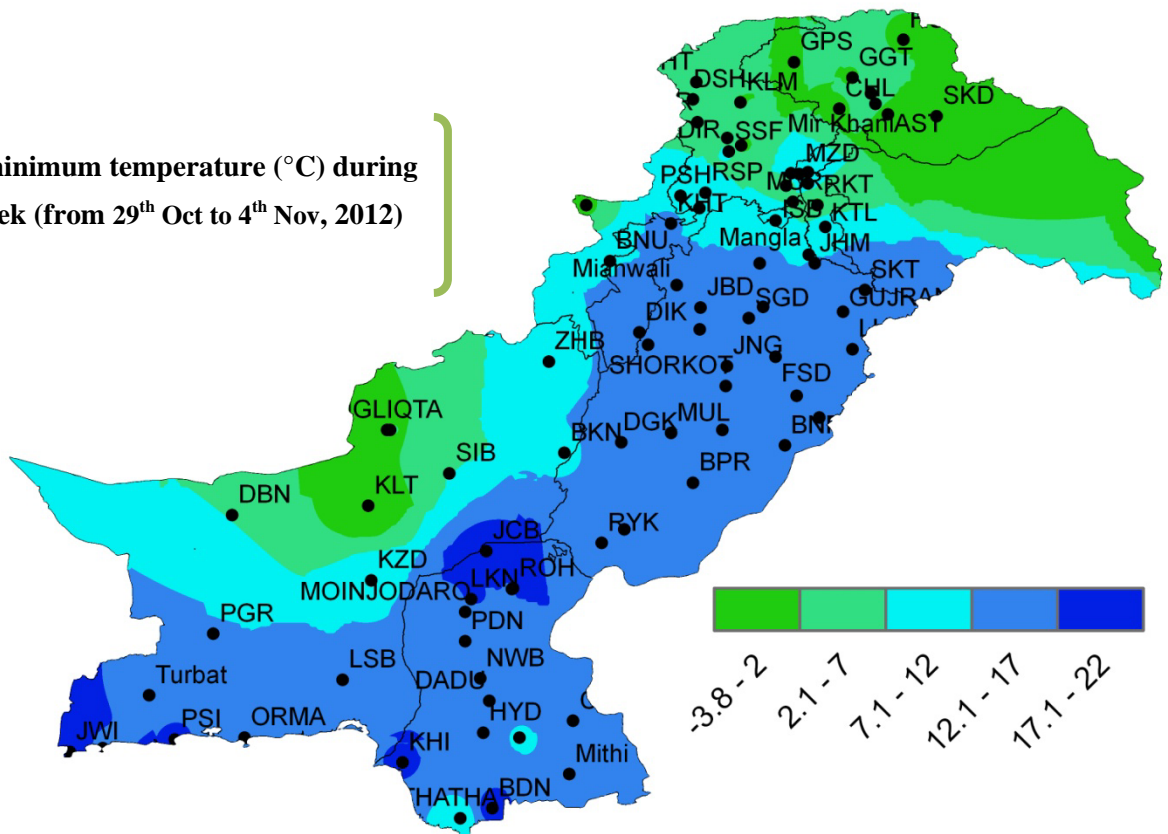
Northern Balochistan (Quetta)

No crop is grown in the fields, so for.

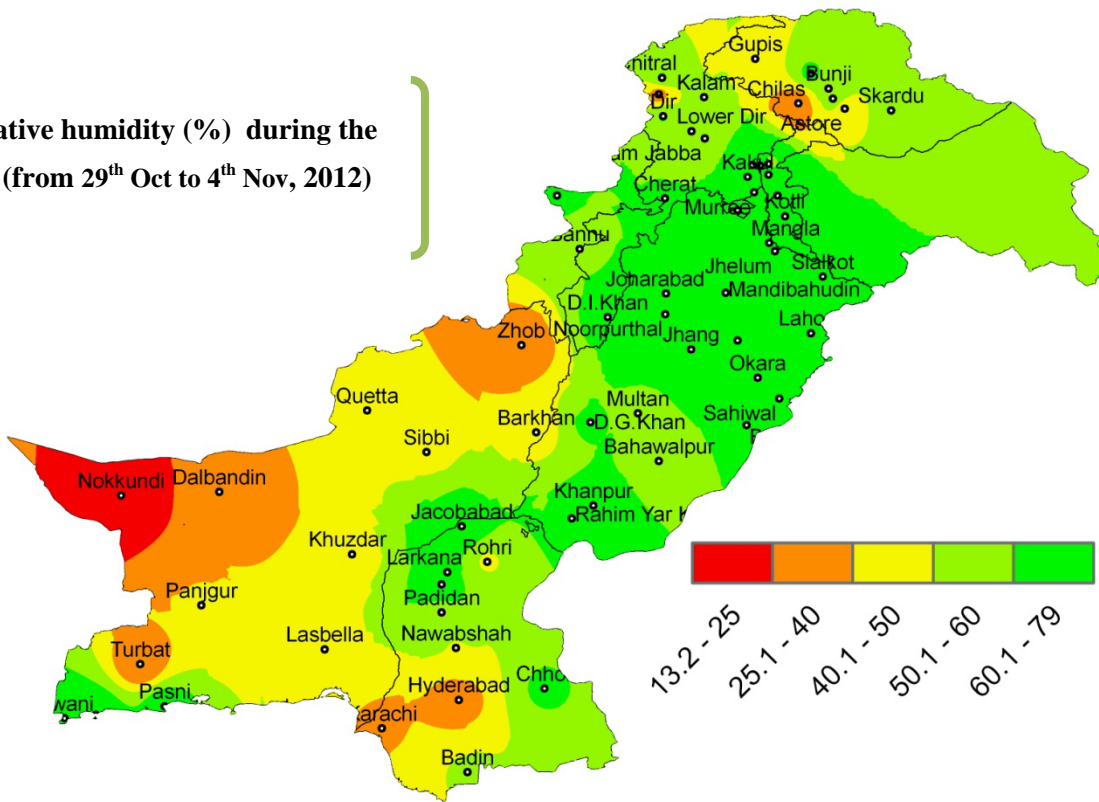
Mean minimum temperature (°C) during the last week (from 29th Oct to 4th Nov, 2012)



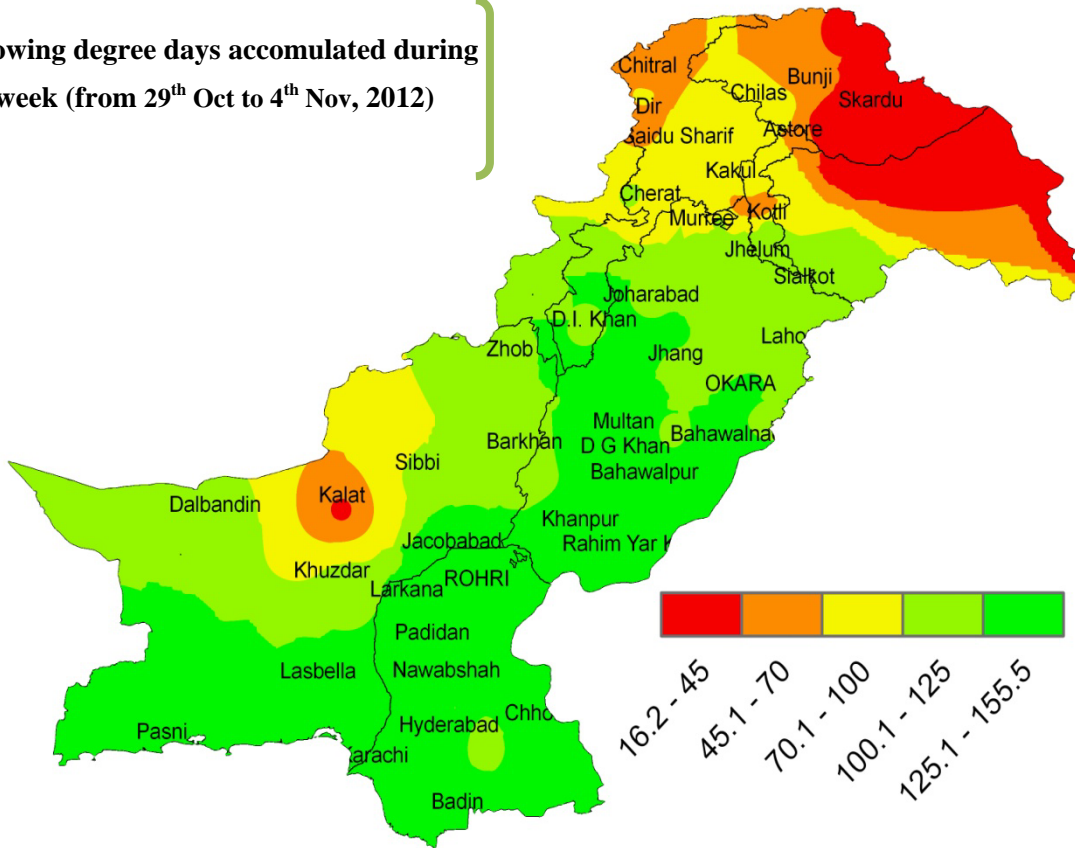
Extreme minimum temperature (°C) during the last week (from 29th Oct to 4th Nov, 2012)



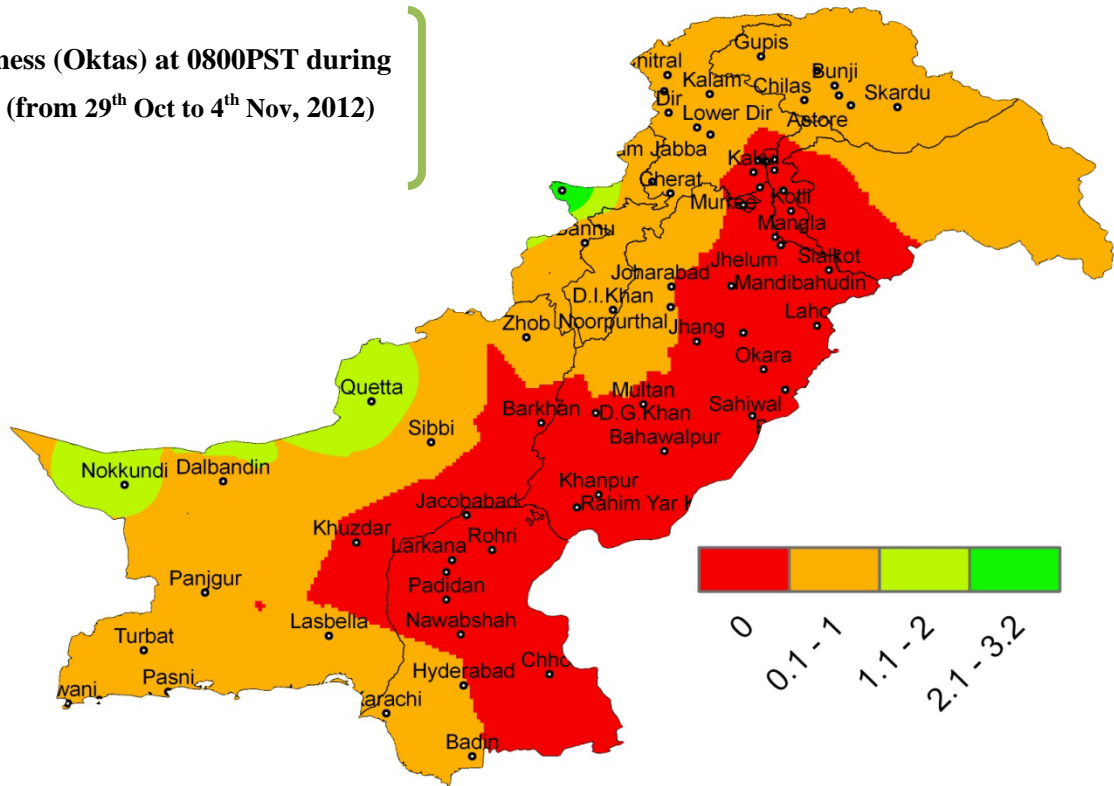
Mean relative humidity (%) during the last week (from 29th Oct to 4th Nov, 2012)



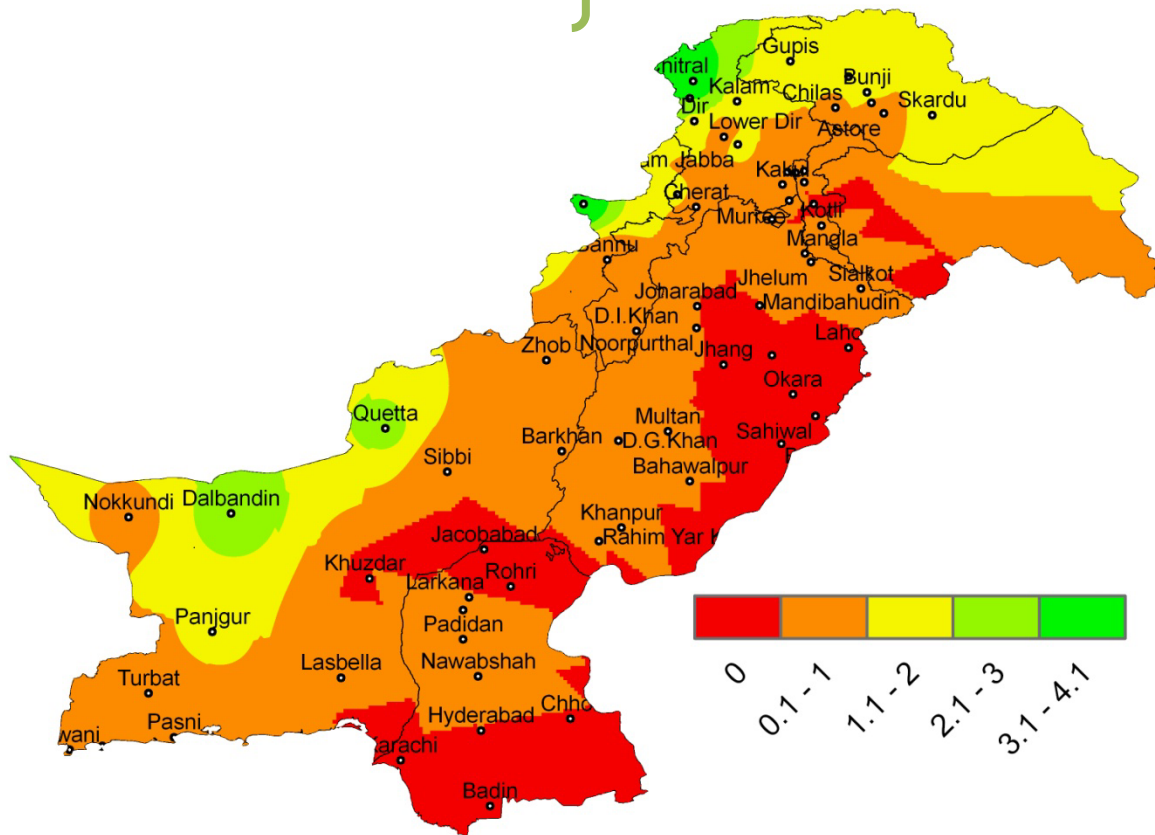
Total growing degree days accumulated during the last week (from 29th Oct to 4th Nov, 2012)



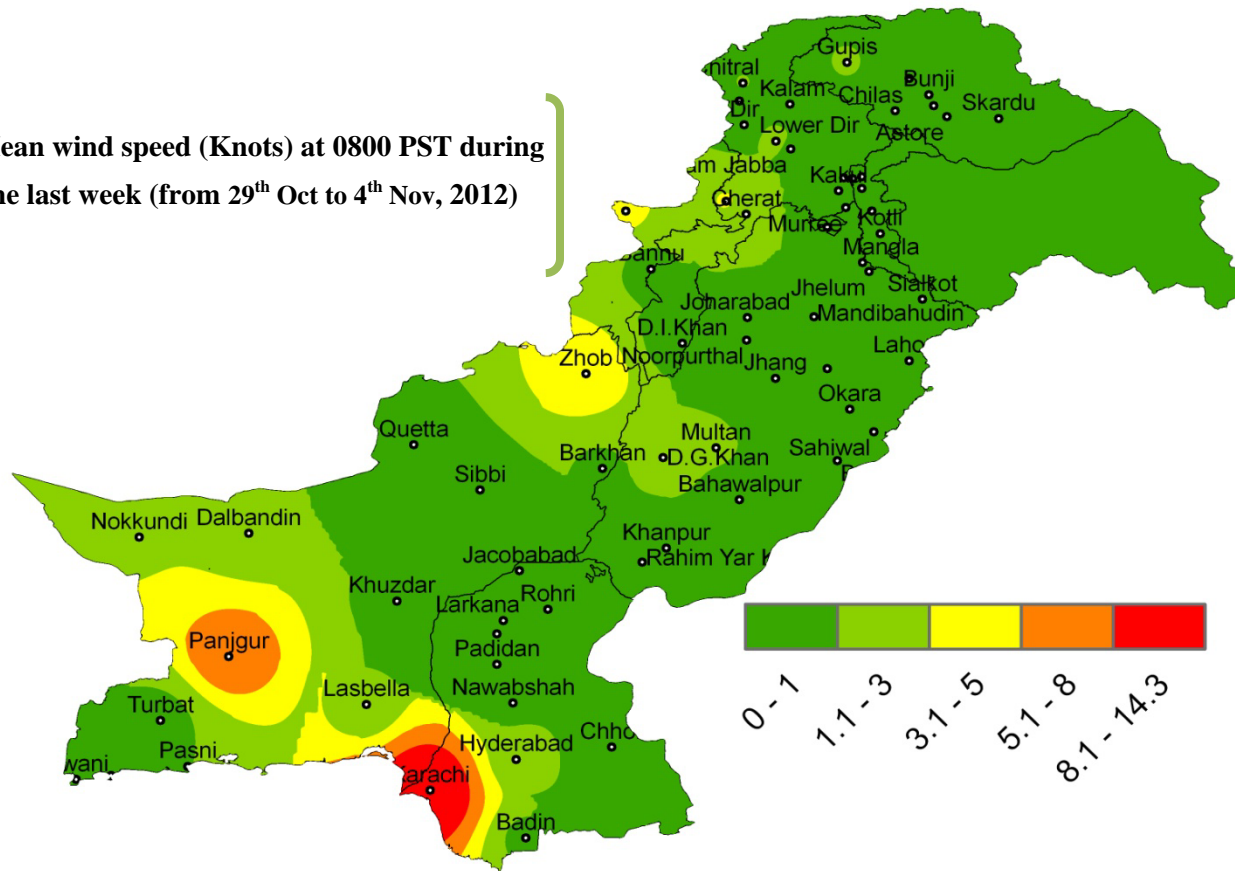
Mean Cloudiness (Oktas) at 0800PST during the last week (from 29th Oct to 4th Nov, 2012)



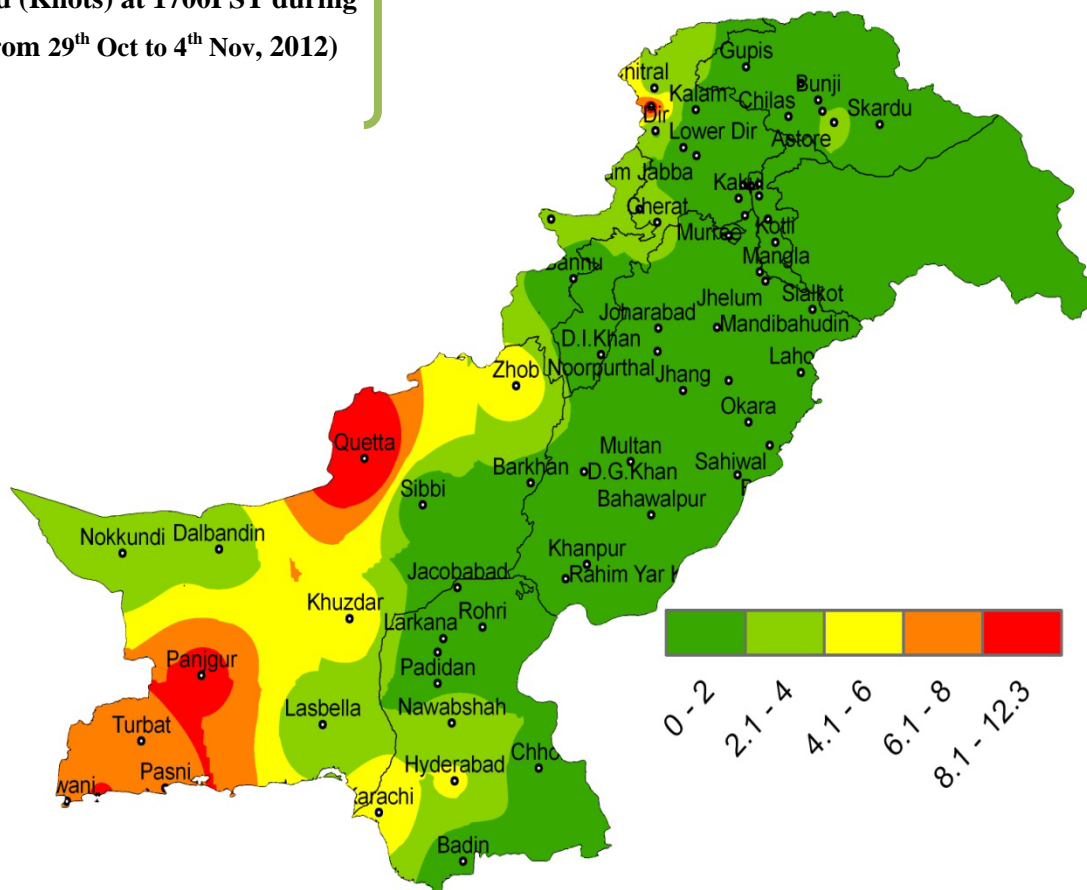
Mean Cloudiness (Oktas) at 1700PST during the last week (from 29th Oct to 4th Nov, 2012)



Mean wind speed (Knots) at 0800 PST during the last week (from 29th Oct to 4th Nov, 2012)



Mean wind speed (Knots) at 1700 PST during the last week (from 29th Oct to 4th Nov, 2012)



Weekly Weather advisory for Farmers (from 5th to 11th November, 2012)

Continental air would prevail over most parts of the country during the week. A trough of shallow westerly wave is affecting northern parts of the country. However, another trough of shallow westerly wave is likely to approach Northern parts of the Country on Friday.

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 Monday & Friday/Saturday.

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 is likely at isolated places of Kashmir on Monday & Friday/Saturday.

Gilgit-Baltistan

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

Advices for Crops:

Cotton/Sugarcane: Farmers of cotton belt are advised to manage irrigation practices as per prediction of rains 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 29th October to 04th November, 2012)

Stations	Minimum/Day Temperature (°C)		Growing Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Okta) 0800PST	Cloudiness (Okta) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Lowest							
Astore	-0.9	-3.0	13.7	44	0	0.0	0.7	1.0	2.9
Badin	20.0	19.5	150.9	52	0	0.0	0.0	0.3	0.3
Behawalnagar	19.8	19.3	136.7	61	0	0.0	0.0	0.6	0.3
Behawalpur	15.3	14.8	134.4	57	0	0.0	0.0	0.0	0.0
Belekot	7.5	7.2	81.5	68	0	0.0	0.0	0.0	0.0
Barkhan	11.9	11.0	101.3	43	0	0.0	0.3	0.6	1.7
Bunji	7.1	6.1	70.3	53	0	0.3	1.4	0.0	0.3
Cheret	12.3	11.0	87.0	61	0	0.3	0.4	1.3	2.6
Chhor	14.4	14.0	143.2	62	0	0.0	0.0	0.3	1.1
Chilas	9.6	1.0	89.6	27	0	0.4	0.7	0.0	0.6
Chitral	4.1	2.8	68.4	62	0	0.3	4.1	1.1	2.6
D.G.Khan	17.3	16.7	136.6	63	0	0.0	0.1	2.0	1.1
D.I. Khan	14.4	13.0	122.7	67	0	0.4	0.4	0.0	0.0
Dalbandin	11.7	7.0	113.7	31	0	1.0	2.6	1.7	3.1
Dir	4.1	3.3	49.3	61	0	0.0	1.7	0.0	1.7
Drosh	7.2	3.3	73.4	33	0	0.7	3.0	0.0	3.4
Faisalabad	14.3	14.0	121.8	64	0	0.0	0.0	0.0	0.0
Geridopatta	8.3	6.0	95.0	64	0	0.0	0.0	0.0	0.3
Gilgit	2.5	1.3	63.2	64	0	0.3	1.6	0.0	0.0
Hyderabad	17.6	17.0	148.3	34	0	0.0	0.0	1.7	4.3
Islamabad	10.3	9.8	103.1	67	0	0.0	0.0	0.0	0.0
Jacobabad	20.1	19.3	146.3	71	0	0.0	0.0	0.0	1.1
Jhang	14.6	14.2	122.6	71	0	0.0	0.0	0.0	0.0
Jhelum	13.7	12.8	122.9	73	0	0.0	0.0	0.0	0.9
Joharabad	14.1	13.0	121.0	68	0	0.0	0.0	0.0	0.9
Kakul	6.3	3.0	73.2	61	0	0.0	0.6	0.0	1.1
Karachi	18.7	17.3	133.3	39	0	0.3	0.0	14.3	3.4
Khanpur	14.4	13.8	132.6	64	0	0.0	0.0	0.0	0.9
Khuzdar	12.2	9.7	107.6	43	0	0.0	0.0	0.0	3.7
Kotli	12.3	11.4	109.4	62	0	0.0	0.0	0.3	0.9
Lahore	16.1	15.3	124.3	65	0	0.0	0.0	0.0	0.6
Larkana	18.4	17.3	142.3	61	0	0.0	0.0	0.3	1.1
Lehalla	15.6	14.0	143.3	46	0	0.0	0.0	1.4	2.3
Lower Dir	6.9	6.0	87.3	36	4	0.3	0.0	2.0	1.4
Mandibahudin	13.6	14.3	123.3	79	0	0.0	0.0	0.0	0.6
Manga	12.2	11.1	113.6	67	0	0.0	0.1	0.0	0.6
Mir Khan	3.2	4.3	49.3	37	0	0.7	0.9	0.0	2.1
Multan	16.3	16.0	142.1	36	0	0.0	0.0	1.1	0.6
Murree	8.3	7.0	63.3	61	0	0.0	0.0	0.0	0.3

Muzaffarabad	10.6	10.0	100.9	67	0	0.0	0.3	0.0	0.0
Nawabshah	14.9	14.0	141.5	50	0	0.0	0.0	0.9	2.9
Noorpurthal	14.8	14.0	134.4	63	0	0.0	0.0	0.0	0.0
Okara	15.3	14.5	128.2	69	0	0.0	0.0	0.0	0.0
Padidan	16.2	15.5	143.5	57	0	0.0	0.3	0.0	2.0
Pasni	18.8	17.5	136.0	70	0	1.0	0.0	1.0	8.0
Peshawar	13.3	11.7	104.2	72	0	0.8	1.2	3.2	2.4
Rahim Yar Khan	15.2	14.2	139.1	63	0	0.0	0.0	0.0	0.3
Rawalakot	2.3	0.5	44.2	67	0	0.0	0.0	0.0	0.6
Rohri	18.7	18.0	148.0	48	0	0.0	0.0	0.9	1.1
Sahiwal	13.9	12.7	121.7	68	0	0.0	0.0	0.0	0.0
Sialkot	14.2	13.7	116.1	71	0	0.0	0.0	0.0	0.0
Sibbi	9.0	7.0	101.5	47	0	0.0	0.0	0.0	0.0
Skardu	-2.4	-3.8	22.9	52	0	0.1	1.3	0.0	0.0
Turbat	16.9	15.5	135.0	25	0	0.0	0.0	0.0	7.4
Zhob	10.3	9.0	123.8	27	0	0.0	0.6	5.0	5.4

□

***Data not available

