

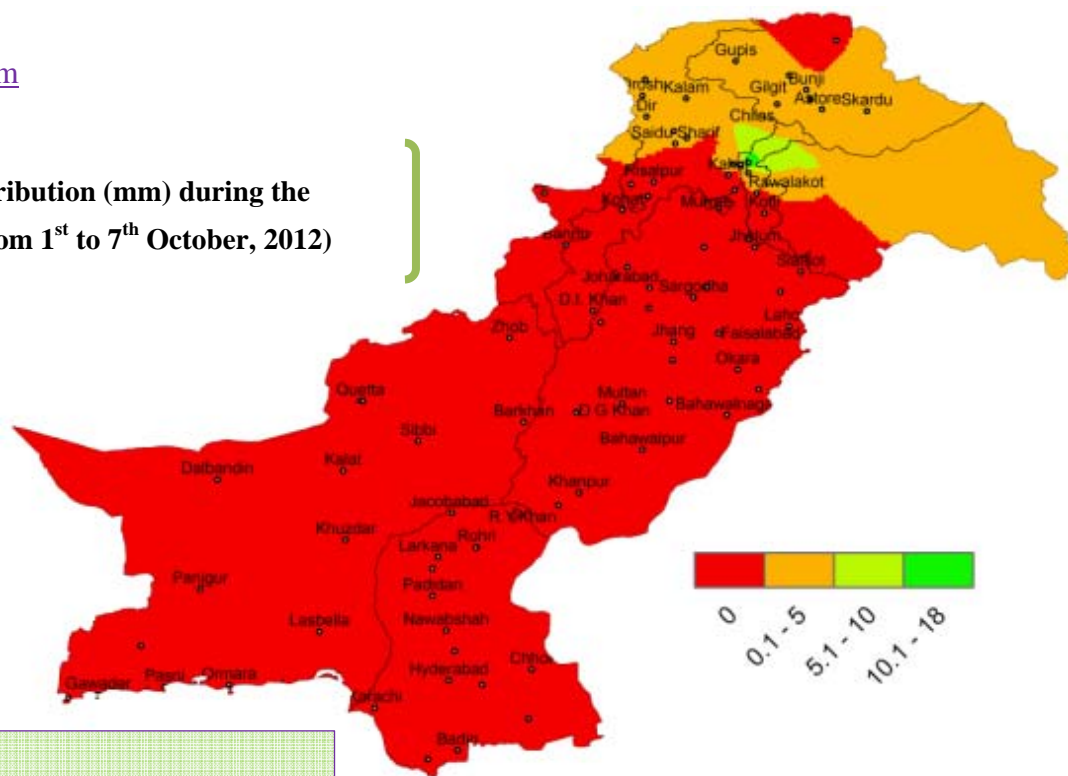
Weekly Weather and Crop Bulletin for Pakistan

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Rainfall distribution (mm) during the
last week (from 1st to 7th October, 2012)



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Highlights of Past Weather (1st to 7th October, 2012):

Dry weather observed throughout the country except Gilgit Baltistan and Kashmir region where light rainfall occurred at isolated places and Khyberpakhtunkhwa where rainfall reported from a single location in meager amount.

Chief Editor: Dr. Khalid Mehmood Malik (Director, NAMC)

Editor: Dildar Hussain Kazmi (Meteorologist)

Punjab

Dry weather observed all over the province, during the week. Weekly maximum temperature and minimum temperature recorded as 35.3°C & 19.9°C respectively. For the present season on average 157.4 growing degree days accumulated by the end of last week. Average relative humidity recorded as 60 % and wind speed in the morning/evening recorded as 0.4/1.3 Knots. During the previous week the extreme minimum temperature recorded at Murree as 12.5°C.

Sindh

Dry weather observed all over the province, during the week. Weekly maximum temperature and minimum temperature recorded as 36.1°C & 22.1°C respectively. For the present season on average 169.9 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 1.6/4.5 Knots. During the previous week the extreme minimum temperature recorded at Mirpur Khas as 12.5°C.

Khyber Pakhtoon Khawa (KP)

Dry weather observed over all during the last week however rainfall in reported from a single location Dir as 0.1 mm. Weekly maximum temperature and minimum temperature recorded as 29.5°C & 13.7°C respectively. For the present season on average 118.4 growing degree days accumulated by the end of last week. Average relative humidity recorded as 57 % and wind speed in the morning/evening recorded as 0.6/1.6 Knots. During the extreme minimum temperature recorded at Kalam as 5.0°C.

Balochistan

Dry weather observed all over the province, during the week. Weekly maximum temperature and minimum temperature recorded as 33.3°C & 15.7°C respectively. For the present season on average 140.1 growing degree days accumulated

by the end of last week. Average relative humidity recorded as 38 % and wind speed in the morning/evening recorded as 1.4/5.4 Knots. During the previous week the extreme minimum temperature recorded at Sibbi as 10.0°C.

Gilgit Baltistan and Azad Jammu & Kashmir

Light rainfall reported from isolated places of the specified region. Weekly maximum temperature and minimum temperature recorded as 27.2°C & 10.8°C respectively. For the present season on average 98.3 growing degree days accumulated by the end of last week. Average relative humidity recorded as 48 % and wind speed in the morning/evening recorded as 0.3/1.9 Knots. During the previous week the highest rainfall recorded at Pattan as 19.0 mm and the extreme minimum temperature recorded at Astore as 2.7°C.

Past Weather for Major Agricultural Plains

(from 1st to 7th October, 2012)

Rawalpindi (Potohar region)

Dry weather with clear skies reported during the last week and average relative humidity observed as 52%. Mean night temperature recorded as 17.5°C & for the present season 144.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4/5.1 Km/h.

Tandojam (Lower Sindh)

Dry weather observed during the last week with cloudiness in the morning/evening as 0.8/0 Oktas and average relative humidity observed as 56%. Mean night temperature recorded as 21.1°C & for the present season 167.0 growing degree days accumulated by the end of last week.

Faisalabad (Central Punjab)

Dry weather with clear skies reported during the last week and average relative humidity observed as 46%. Mean night temperature recorded as 19.3°C & for the present season 159.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.6 Km/h.

Quetta (Northern Balochistan)

Dry weather with clear skies reported during the last week and average relative humidity observed as 18%. Mean night temperature recorded as 5.4°C & for the present season 74.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/6.1 Km/h.

Past Weather for sub regional Agri-cultural

Plains (from 1st to 7th October, 2012)

Rohri

Dry weather with clear skies observed during the last week however average relative humidity recorded as 50%. Mean night temperature recorded as 23.9°C & for the present season 175.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.7 Knots.

Multan

Dry weather observed during the last week with cloudiness recorded in the morning/evening as 0/0.1 oktas and average relative humidity recorded as 53%. Mean night temperature recorded as 21.4°C & for the present season 169.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/4.0 Knots.

Lahore

Dry weather with clear skies observed during the last week however average relative humidity recorded as 55%. Mean night temperature recorded as 21.4°C & for the present season 162.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.6 Knots.

Jhelum

Dry weather with clear skies observed during the last week however average relative humidity recorded as 71%. Mean night temperature recorded as 20.4°C & for the present season 159.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0/1.7 Knots.

D.I. Khan

Dry weather with clear skies observed during the last week however average relative humidity recorded as 66%. Mean night temperature recorded as 19.2°C & for the present season 155.7 growing degree days accumulated by the end of last

week. Wind speed recorded in the morning/evening as 0.3/0 Knots.

Peshawar

Dry weather observed during the last week with cloudiness in the morning/evening as 0/1.9 Oktas and average relative humidity observed as 58%. Mean night temperature recorded as 18.9°C & for the present season 149.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/3.4 Knots.

Murree

Dry weather observed during the last week with cloudiness in the morning/evening as 0/0.9 Oktas and average relative humidity observed as 57%. Mean night temperature recorded as 13.2°C & for the present season 91.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.3 Knots.

Saidu Sharif

Dry weather observed during the last week with cloudiness in the morning/evening as 0/2.6 Oktas and average relative humidity observed as 55%. Mean night temperature recorded as 13.4°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 Calm (no wind).

Gilgit.

Dry weather observed during the last week with cloudiness in the morning/evening as 2.0/5.7 Oktas and average relative humidity observed as 59%. Mean night temperature recorded as 8.9°C & for the present season 92.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0/1.7 Knots.

Skardu

Rainfall reported as 0.1 mm during the last week, cloudiness recorded in the morning/evening as 1.6/4.7 Oktas and average relative humidity 44%. Mean night temperature recorded as 5.3°C & for the present season 63.6 growing degree days

accumulated by the end of last week. Wind speed recorded in the morning/evening as 0/2.0 Knots.

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 Flowering 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)

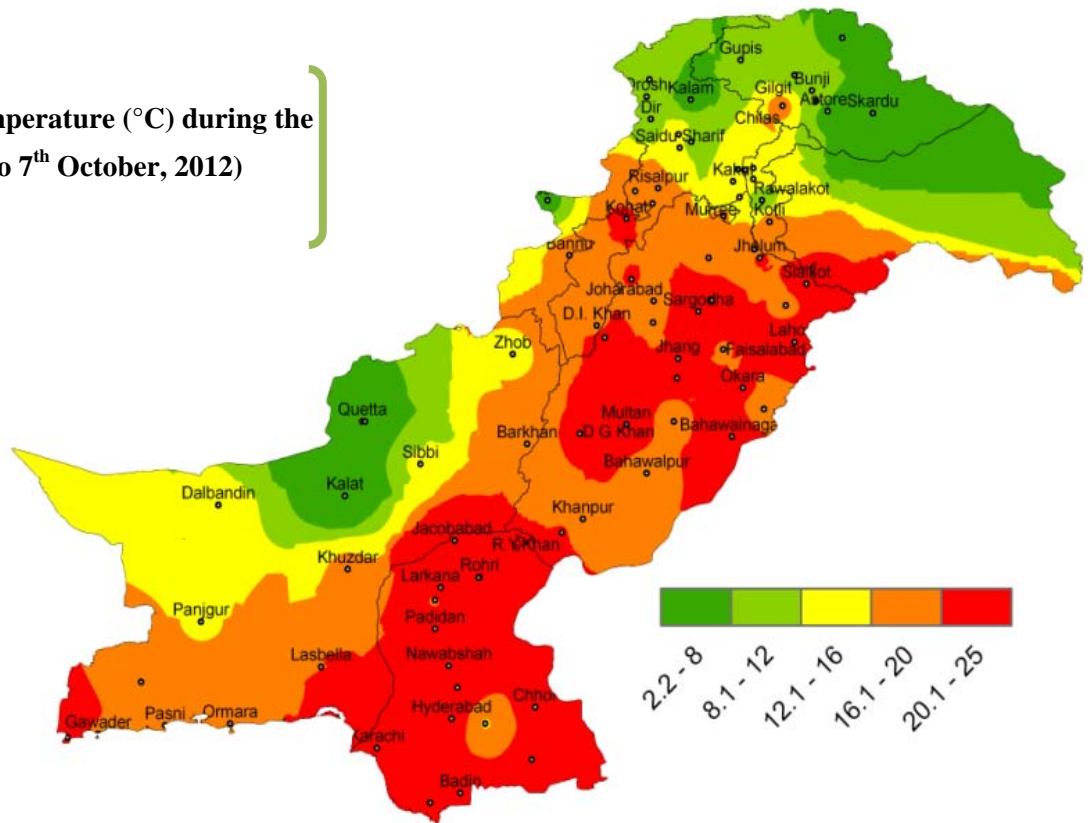
Presently only one crop (irrigated conditions) is grown in the fields as detailed below.

Cotton (BT-886): Good condition, final picking is planned to be started soon.

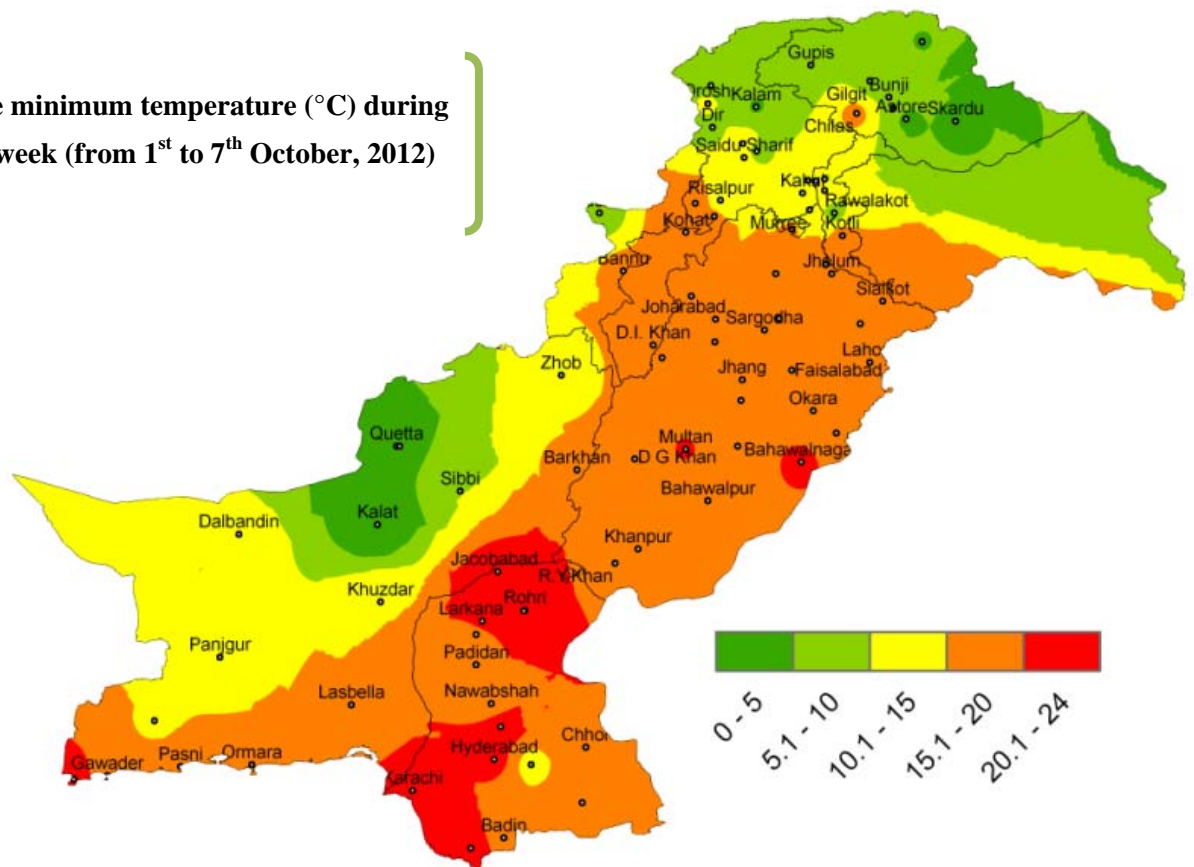
Northern Balochistan (Quetta)

Presently no crop is grown in the fields.

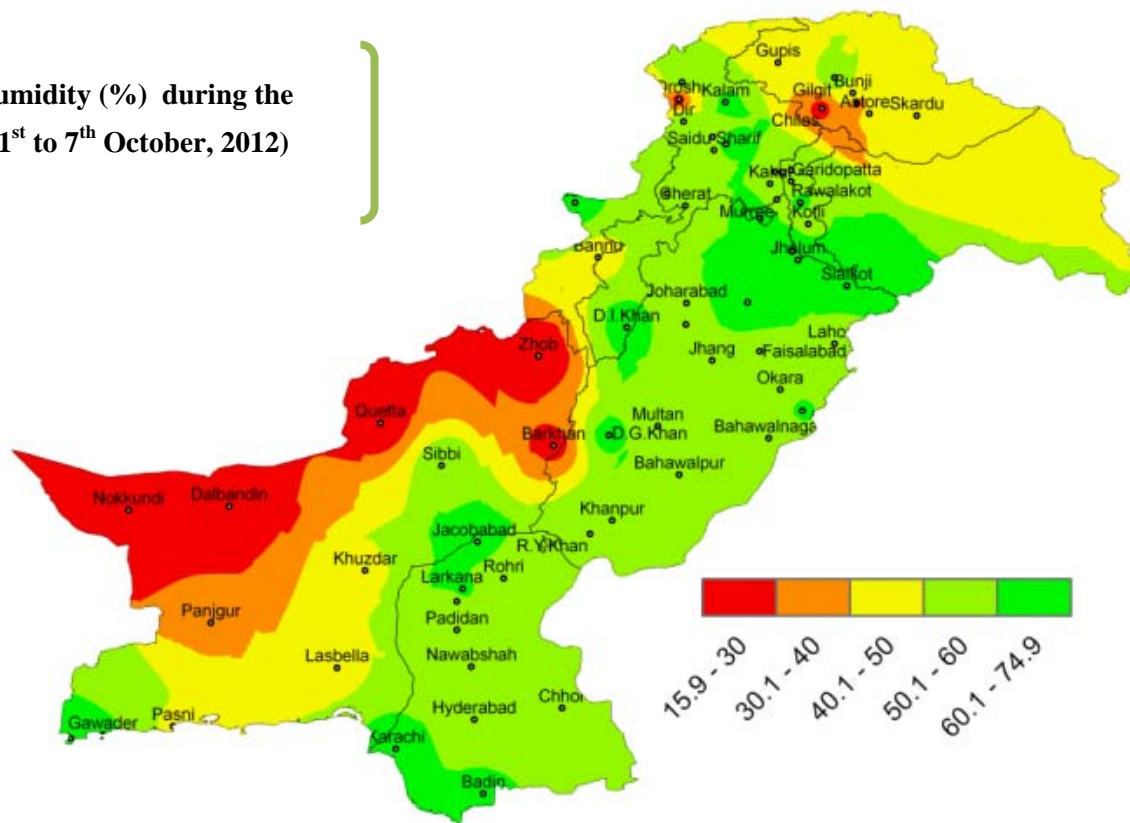
Mean minimum temperature (°C) during the last week (from 1st to 7th October, 2012)



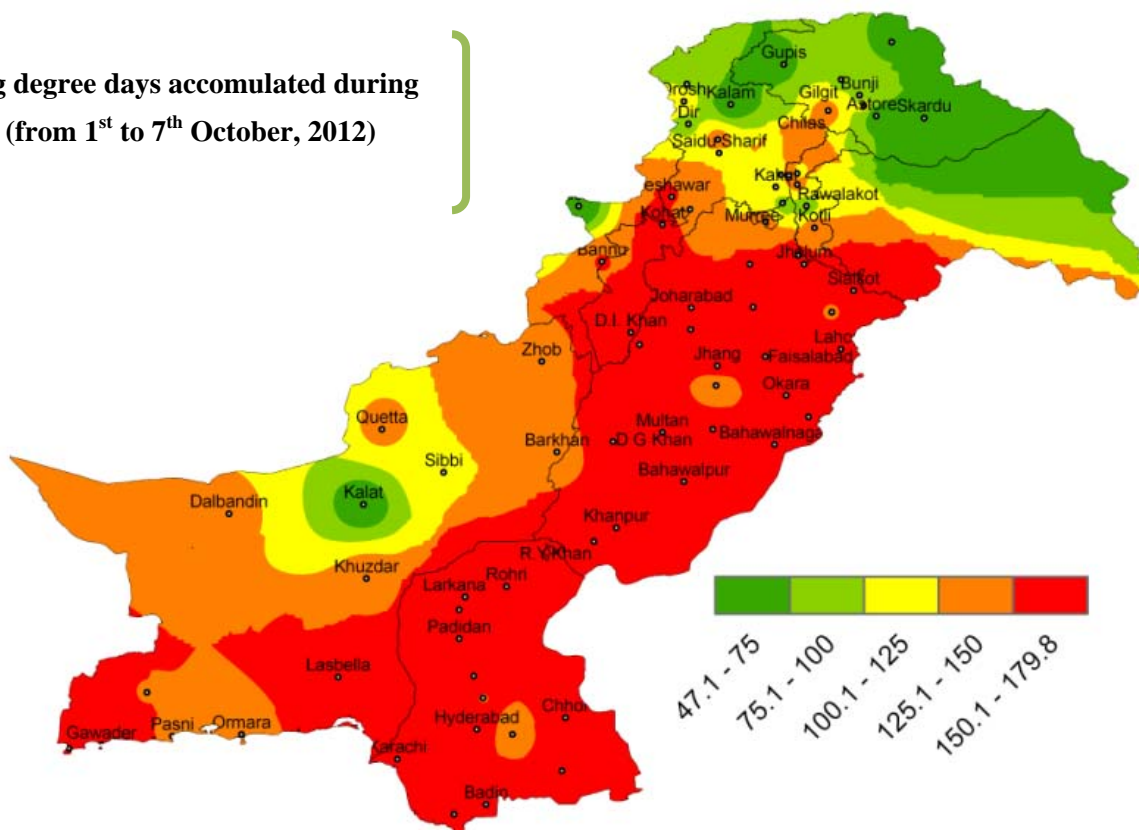
Extreme minimum temperature (°C) during the last week (from 1st to 7th October, 2012)



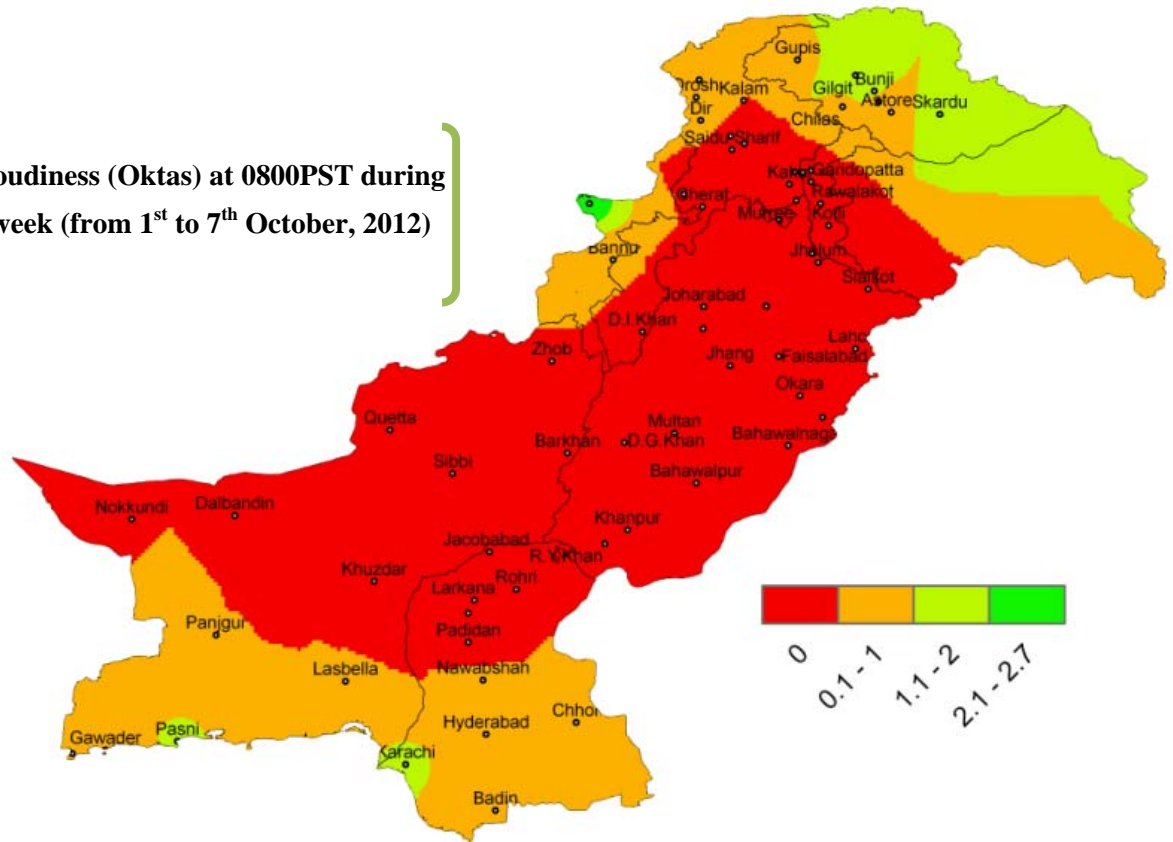
Mean relative humidity (%) during the last week (from 1st to 7th October, 2012)



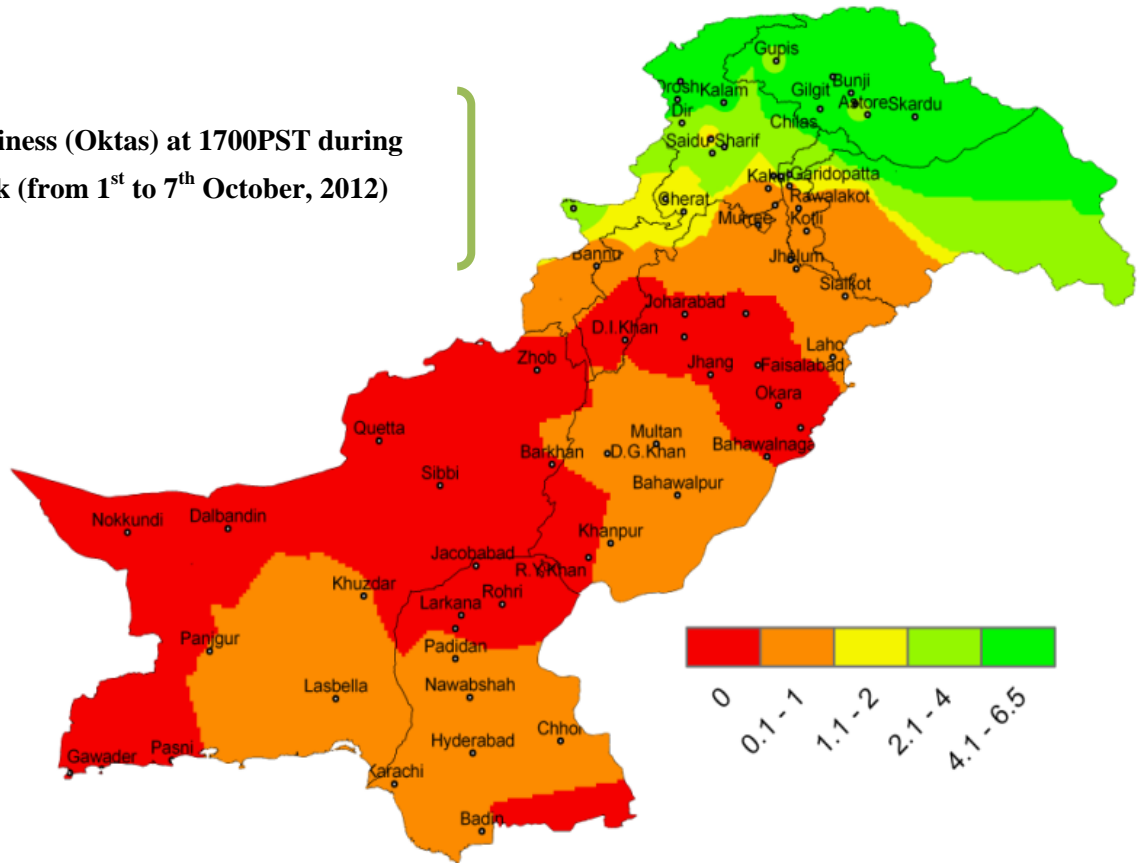
Total growing degree days accumulated during the last week (from 1st to 7th October, 2012)



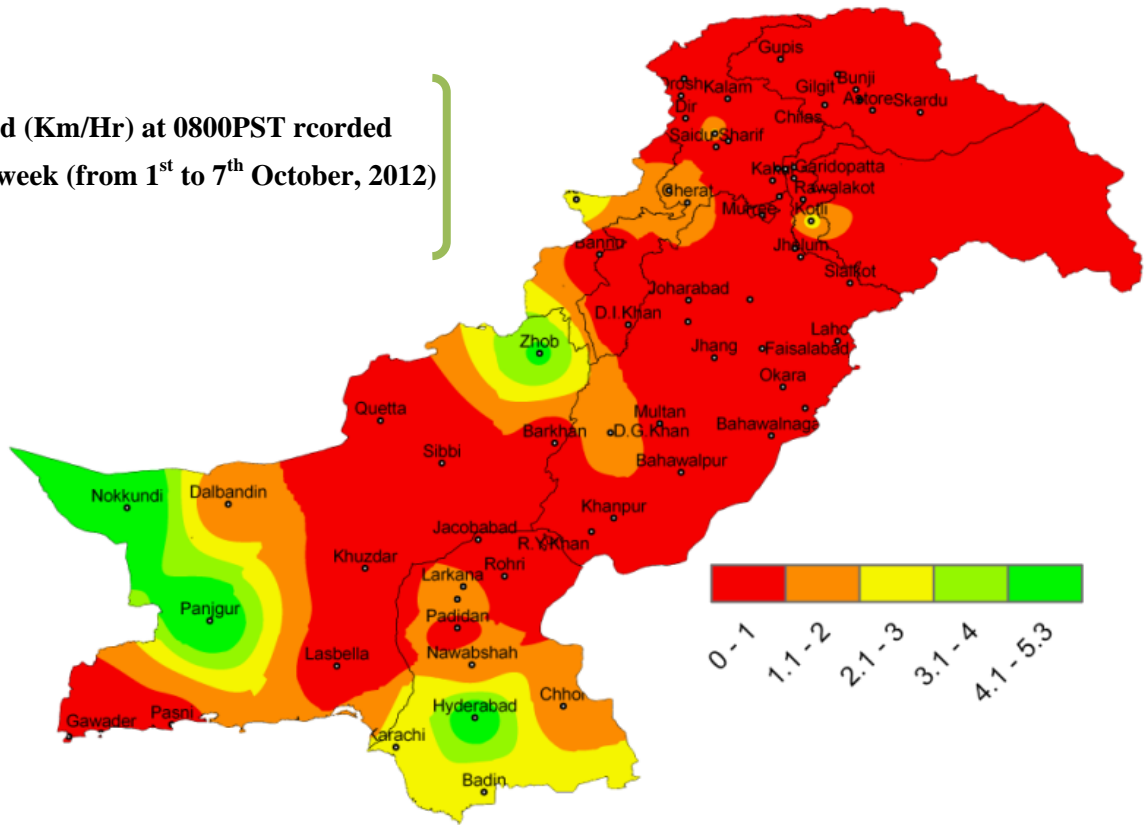
Mean Cloudiness (Oktas) at 0800PST during the last week (from 1st to 7th October, 2012)



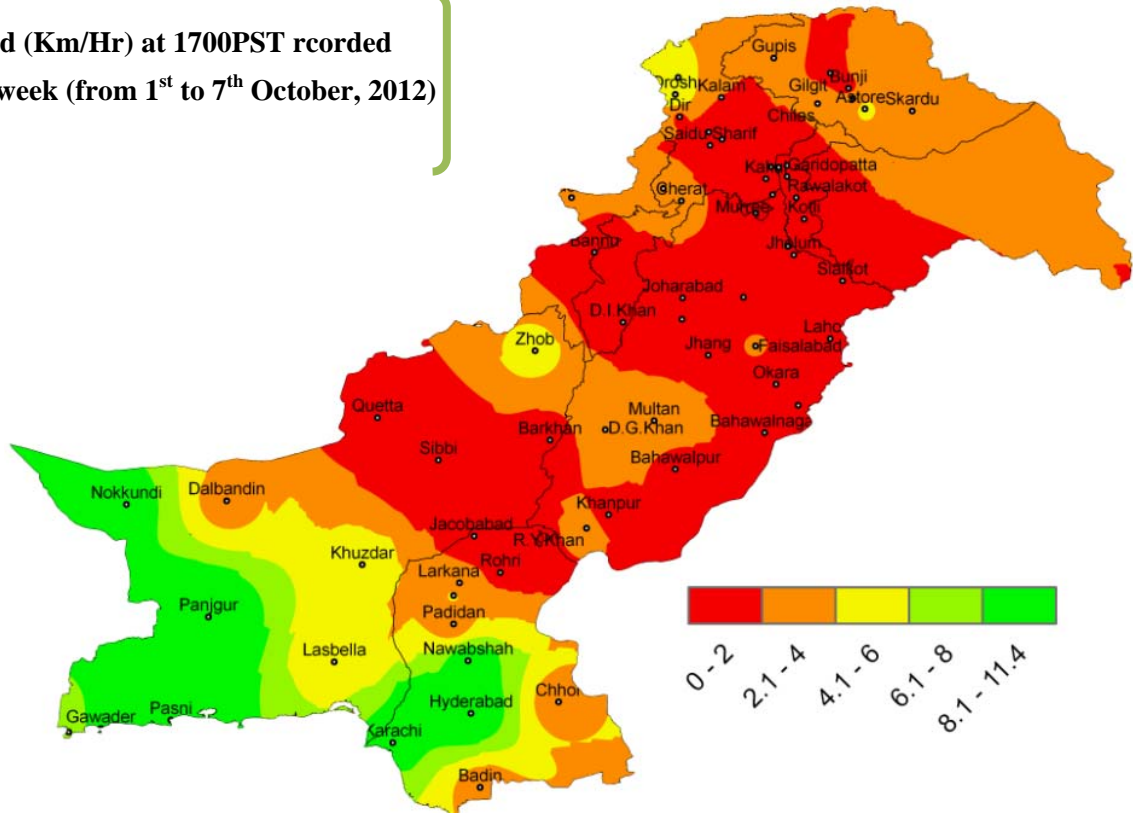
Mean Cloudiness (Oktas) at 1700PST during the last week (from 1st to 7th October, 2012)



Mean wind speed (Km/Hr) at 0800PST rcorde
during the last week (from 1st to 7th October, 2012)



Mean wind speed (Km/Hr) at 1700PST rcorde
during the last week (from 1st to 7th October, 2012)



Weekly Weather advisory for Farmers (from 8th to 14th October, 2012)

Continental air would prevail over most parts of the country during the week.

Punjab including Islamabad

Mainly dry weather is expected in most parts of the province. However rain/thunderstorm is likely at isolated places of upper Punjab on the weekend.

Khyber Pakhtunkhwa

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

Baluchistan

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

Sindh

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

Kashmir

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

Gilgit-Baltistan

Mainly dry weather is expected in most parts of Gilgit-Baltistan during the week.

Advises for Crops:

Cotton/Sugarcane: Farmers of cotton belt are advised to manage irrigation practices as per prediction of monsoon 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, as there is forecast for light to moderate rainfall during the week. Also farmers are advised to keep control on

post-harvesting losses due to pests/insects & moist monsoon season.

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 1st to 7th October, 2012)

Stations	Min / Night Temperature (°C)		Growing Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Okta) 0800 PST	Cloudiness (Okta) 1700 PST	Wind Speed (knots) 0800 PST	Wind Speed (Knots) 1700 PST
	Mean	lowest							
Astore	3.7	3.0	47.1	42	5.0	0.6	4.0	0.0	4.6
Badin	23.6	18.0	179.8	62	0.0	0.7	0.0	2.3	2.9
Bahawalnagar	22.5	21.0	174.7	53	0.0	0.0	0.0	0.3	2.0
Bahawalpur	19.1	18.6	161.8	53	0.0	0.0	0.3	0.6	1.1
Balakot	13.9	11.7	119.2	59	0.0	0.0	1.6	0.0	0.0
Bannu	17.6	16.6	151.5	45	0.0	0.0	0.0	0.0	0.0
Barkhan	16.7	16.0	136.5	26	0.0	0.0	0.0	0.3	0.9
Bunji	9.9	8.3	93.4	51	0.0	1.1	6.6	0.0	1.4
Cherat	17.9	16.0	123.5	53	0.0	0.0	1.0	1.4	2.6
Chhor	21.5	19.5	172.9	54	0.0	0.7	0.0	1.3	2.6
Chilas	17.9	16.9	135.5	26	0.1	0.7	5.3	0.3	2.6
Chitral	8.4	7.4	97.7	61	0.0	0.0	4.6	0.0	4.3
D.G.Khan	21.4	18.3	165.2	64	0.0	0.0	0.0	2.0	3.4
D.I.Khan	19.2	15.0	155.7	66	0.0	0.0	0.0	0.3	0.0
Dalbandin	13.0	12.0	131.3	19	0.0	0.0	0.0	1.1	2.9
Dir	8.9	8.0	89.3	60	0.1	0.0	3.4	0.0	1.7
Drosh	12.1	11.3	113.6	24	0.0	0.3	5.4	0.0	6.0
Faisalabad	19.9	18.0	159.9	53	0.0	0.0	0.0	0.9	2.3
Garidopatta	14.5	14.3	131.3	57	0.0	0.0	0.0	0.0	0.0
Gawader	19.4	16.0	175.5	61	0.0	0.0	0.0	0.0	9.4
Gilgit	8.9	7.0	92.3	59	0.0	2.0	5.7	0.0	1.7
Gupis	8.2	7.3	69.0	42	0.0	0.7	3.9	0.9	2.3
Hyderabad	22.4	21.3	174.5	52	0.0	0.5	0.0	5.0	10.3
Islamabad	16.6	15.3	139.0	65	0.0	0.0	0.3	0.0	0.0
Jhang	20.2	18.4	163.4	53	0.0	0.0	0.0	0.3	1.1
Jhelum	20.4	19.4	159.5	71	0.0	0.0	0.0	0.0	1.7
Jiwani	24.9	24.0	175.5	63	0.0	0.8	0.0	0.4	6.0
Joharabad	19.2	17.0	159.3	59	0.0	0.0	0.0	0.3	0.3
Kakul	11.7	11.0	106.5	60	0.0	0.0	0.0	0.0	0.0
Kalam	5.6	4.3	48.8	62	1.0	0.0	4.4	0.0	2.0
Karachi	23.5	21.3	169.3	66	0.0	1.2	0.1	2.0	8.6
Khanpur	19.3	17.7	162.0	59	0.0	0.0	0.0	0.7	1.7
Khuzdar	16.9	14.5	138.8	47	0.0	0.0	0.0	0.0	5.1

Kotli	17.9	17.3	142.8	55	0.0	0.0	0.3	2.4	1.1
Lahore	21.4	20.0	162.7	55	0.0	0.0	0.0	0.6	1.6
Larkana	23.0	22.0	166.5	61	0.0	0.0	0.0	1.0	2.3
Lasbella	20.0	16.0	173.0	47	0.0	0.0	0.1	0.3	4.3
Lower Dir	15.9	13.5	139.8	51	0.0	0.0	0.6	2.3	2.0
Mandibahudin	20.9	20.0	160.8	75	0.0	0.0	0.0	0.3	0.3
Mangla	18.7	17.8	152.6	68	0.0	0.0	0.0	0.0	0.0
Mir Khani	11.8	10.0	110.1	34	0.0	0.7	2.8	0.0	3.0
Moen-Jo-Daro	19.6	18.0	157.3	59	0.0	0.0	0.0	1.7	4.3
Multan	21.4	20.2	169.4	53	0.0	0.0	0.1	0.6	4.0
Murree	13.2	12.5	91.0	57	0.0	0.0	0.9	0.6	0.3
Muzaffarabad	15.2	14.9	136.9	55	0.0	0.0	2.6	0.0	0.0
Noorpurthal	19.9	18.0	171.0	53	0.0	0.0	0.0	0.4	1.1
Okara	20.3	19.0	164.5	59	0.0	0.0	0.0	0.0	0.0
Padidan	21.3	19.5	171.8	57	0.0	0.0	0.0	0.6	2.6
Parachinar	6.4	5.5	46.9	66	0.0	2.7	3.0	3.0	3.0
Pasni	19.9	17.5	147.5	49	0.0	1.2	0.0	0.7	9.1
Pattan	13.3	8.5	120.0	58	19.0	0.0	4.1	0.0	0.0
Peshawar	20.1	19.5	153.8	58	0.0	0.0	1.9	1.4	3.4
Quetta	4.6	3.0	130.3	21	0.0	0.0	0.0	0.0	1.4
R.Y. Khan	20.1	17.3	167.8	59	0.0	0.0	0.0	0.3	2.3
Rawalakot	8.8	7.5	84.3	62	0.0	0.0	0.0	0.0	0.9
Rohri	23.9	22.5	175.8	50	0.0	0.0	0.0	0.6	1.7
Sahiwal	18.7	16.5	157.0	61	0.0	0.0	0.0	0.3	0.6
Saidu Sharif	13.4	12.0	121.0	55	0.0	0.0	2.6	0.0	0.0
Sialkot	20.7	20.0	156.0	61	0.0	0.0	0.3	0.0	0.9
Sibbi	13.1	10.0	124.4	56	0.0	0.0	0.0	0.0	0.0
Skardu	5.3	4.2	63.6	44	0.1	1.6	4.7	0.0	2.0
Zhob	15.3	12.0	142.8	18	0.0	0.0	0.0	4.2	4.9

*** Data not available