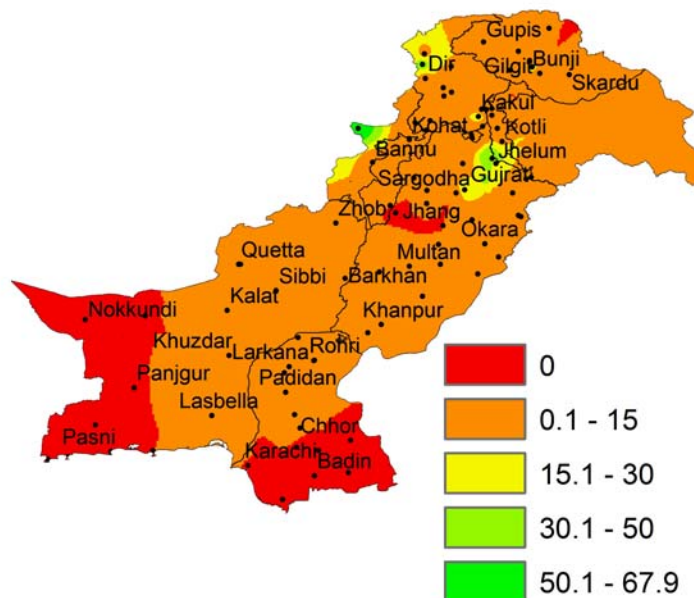


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**Rainfall Distribution (mm) during the
Previous Week (From 28th April to 4th May, 2014)**



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Highlights of Past Weather (From 28th April to 4th May, 2014)

- Light to moderate rainfall was reported in Punjab and Khyber Pakhtunkhwa at many places during the week.
- Light to moderate rainfall was reported in Gilgit-Baltistan, Sindh and Balochistan at few places during the week.

Patron-in-Chief: Arif Mahmood (Director General)
Chief Editor: Dr. Khalid Mahmood Malik (Director)
Editor: Khalida Noureen (Meteorologist)

Past Weather of Provinces (From 28th April to 4th May, 2014)

Punjab

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 40.7°C & 22.7°C respectively. For the present season average 186.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 39% and wind speed in the morning/evening recorded 1.4/3.1Knots. During the previous week highest amount of rainfall reported at Mangla 47.0mm and highest maximum temperature was recorded 46.0°C at Bahawal Nagar.

Sindh

Light to moderate rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 42.5°C & 24.9°C respectively. For the present season average 199.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 42% and wind speed in the morning/evening recorded 3.6/6.2Knots. During the previous week highest amount of rainfall reported at Nawabshah 13.0mm and highest maximum temperature was recorded 46.2°C at Nawabshah.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 32.4°C & 16.3°C respectively. For the present season average 128.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 1.2/2.4Knots. The highest amount of rainfall was reported at Parachinar 68.0mm and highest maximum temperature recorded 43.0°C at D.I.Khan.

Balochistan

Light to moderate rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 36.4°C & 20.4°C respectively. For the present season average 165.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 42% and wind speed in the morning/evening recorded 1.2/5.1Knots. During the previous week highest amount of rainfall reported at Lasbella 11.0mm and highest maximum temperature recorded 45.0°C at Sibbi.

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 29.8°C & 13.5°C respectively. For the present season average 116.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 42% and wind speed in the morning/evening recorded 0.8/2.8Knots. During the previous week highest amount of rainfall reported at Kotli 13.0mm and highest maximum temperature recorded 38.3°C at Kotli.

Past Weather for Major Agricultural Plains
(From 28th April to 4th May, 2014)

Rawalpindi (Potohar region)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.9/2.1 Oktas while, average relative humidity observed 42%. Meanday time temperature recorded 36.9°C & for the present season 164.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.9Knots.

Faisalabad (Central Punjab)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.1/0.7Oktas while average relative humidity observed as 27%. Meanday time temperature recorded 41.3°C & for the present season 191.9growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/1.0Knots.

Tandojam (Lower Singh)

Dry weather and no cloudiness was reported during the week; however average relative humidity observed as 53%. Meanday time temperature recorded 41.1°C & for the present season 195.8growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.2/2.8Knots.

Quetta (Northern Balochistan)

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 2.1/4.7 Oktas while, average relative humidity observed as 33%. Meanday time temperature recorded 29.7°C for the present season 117.9growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.5/3.6Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather and no cloudiness was reported during the week ;however average relative humidity observed as 56%. Meanday time temperature recorded 43.0°C & for the present season 196.3growing degree days accumulated by the end of last week.

Past Weather for Sub-Regional Agricultural Plains (From 28th April to 4th May, 2014)

Rohri

No rainfall reported during the week; however cloudiness in the morning/evening recorded 1.1/1.4 Oktas while, average relative humidity observed as 30%. Mean day time temperature recorded 43.4°C & for the present season 217.8growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.7Knots.

Multan

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 2.7/2.4 Oktas while, average relative humidity observed as 29%. Mean day time temperature recorded 41.3°C & for the present season 202.3growing degree days accumulated by the end of last week. .Wind speed recorded in the morning/evening as 4.9/5.7Knots.

Lahore

Rainfall reported as 1.1mm during the week; however cloudiness in the morning/evening recorded 2.4/2.9 Oktas while, average relative humidity observed as 35%. Mean day time temperature recorded 40.5°C & for the present season 193.5growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/6.3Knots.

Zhob

Rainfall reported as 3.0mm during the week; however cloudiness in the morning/evening recorded 1.9/4.9 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 32.4°C & for the present season 149.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/7.3 Knots.

D.I. Khan

No rainfall reported during the week; however cloudiness in the morning/evening recorded 1.6/2.6 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 40.4°C & for the present season 190.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.6 Knots.

Peshawar

Rainfall reported as 2.1mm during the week; however cloudiness in the morning/evening recorded 2.4/6.6 Oktas while, average relative humidity observed as 49%. Mean day time temperature recorded 37.3°C & for the present season 173.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.9/0.9 Knots.

Murree

Rainfall reported as 4.1mm during the week; however cloudiness in the morning/evening recorded 2.7/2.7 Oktas while, average relative humidity observed as 42%. Mean day time temperature recorded 24.7°C & for the present season 107.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/0.9 Knots.

Kalam

Rainfall reported as 13.0mm during the week; however cloudiness in the morning/evening recorded 2.0/5.3 Oktas while, average relative humidity observed as 52%. Mean day time temperature recorded 23.4°C & for the present season 81.1 growing degree days accumulated by the end of last week.

Gilgit

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.9/5.0 Oktas while, average relative humidity observed as 43%. Mean day time temperature recorded 31.7°C & for the present season 119.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/2.3 Knots.

Skardu

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.4/3.6 Oktas while, average relative humidity observed as 29%. Mean day time temperature recorded 26.7°C & for the present season 89.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.9 Knots.

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

Potohar Region (Rawalpindi)

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

Wheat (Chakwal-97): Good condition at *Milk Maturity* stage.

Central Punjab (Faisalabad)

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

Cotton: Good condition at *Emergence* completed.

Lower Sindh (Tandojam)

There is presently one crop in the fields of RAMC Tandojam.

Cotton (BT 3701): Good condition at *Germination* stage.

Northern Balochistan (Quetta)

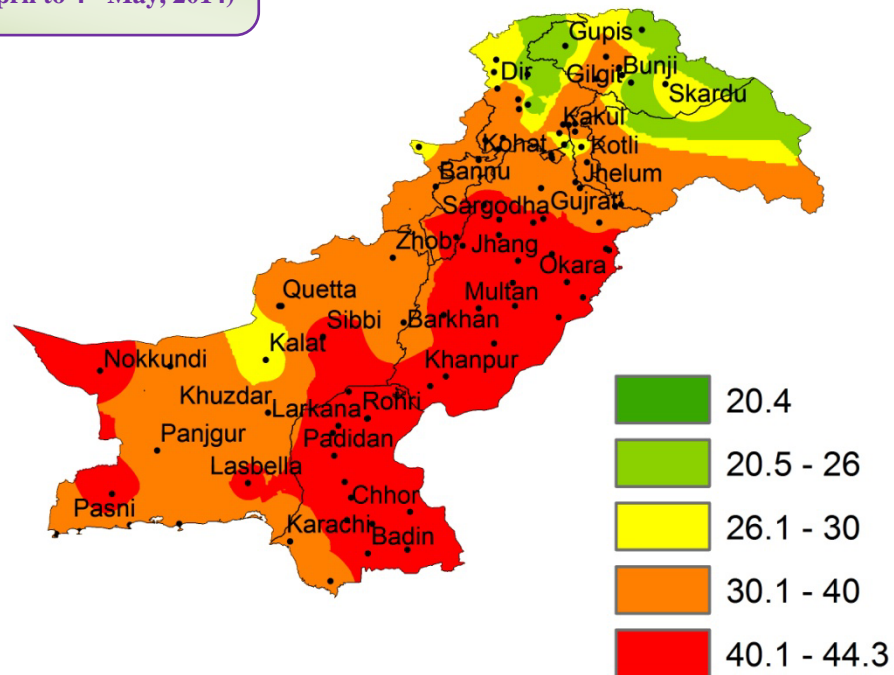
There is presently one crop (irrigated condition) grown in the fields of RAMC Quetta.

Wheat (Local white): Good condition at *Flowering* stage.

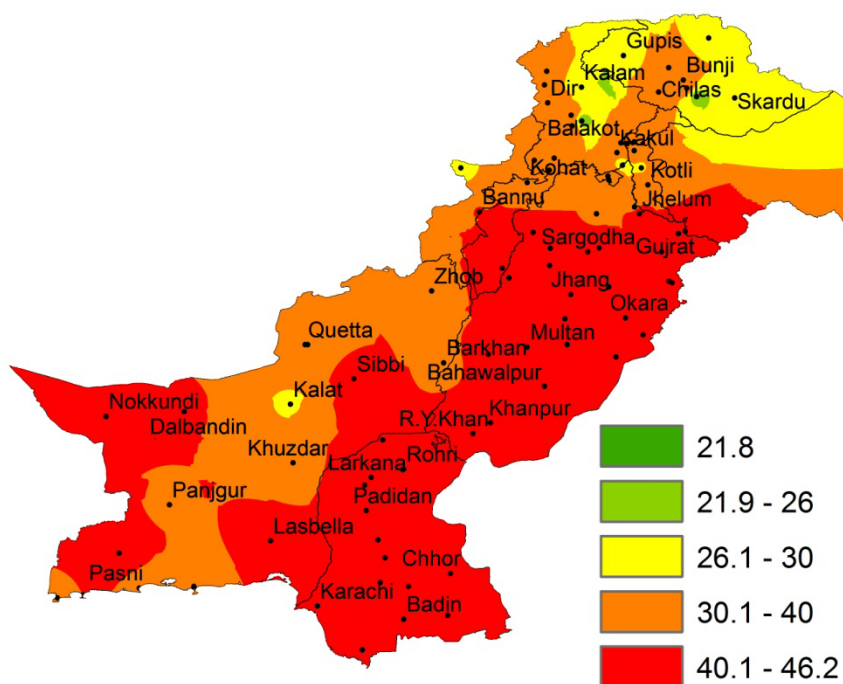
Eastern Balochistan (Usta Muhammad)

There is presently no crop in the fields of RAMC Usta Muhammad.

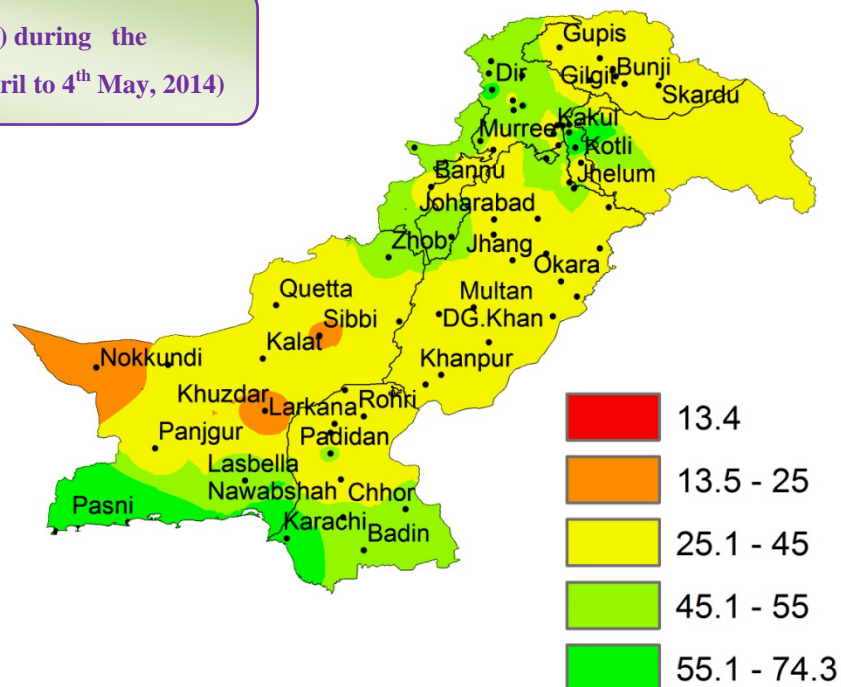
Mean Maximum Temperature (°C) during the
Previous week (from 28th April to 4th May, 2014)



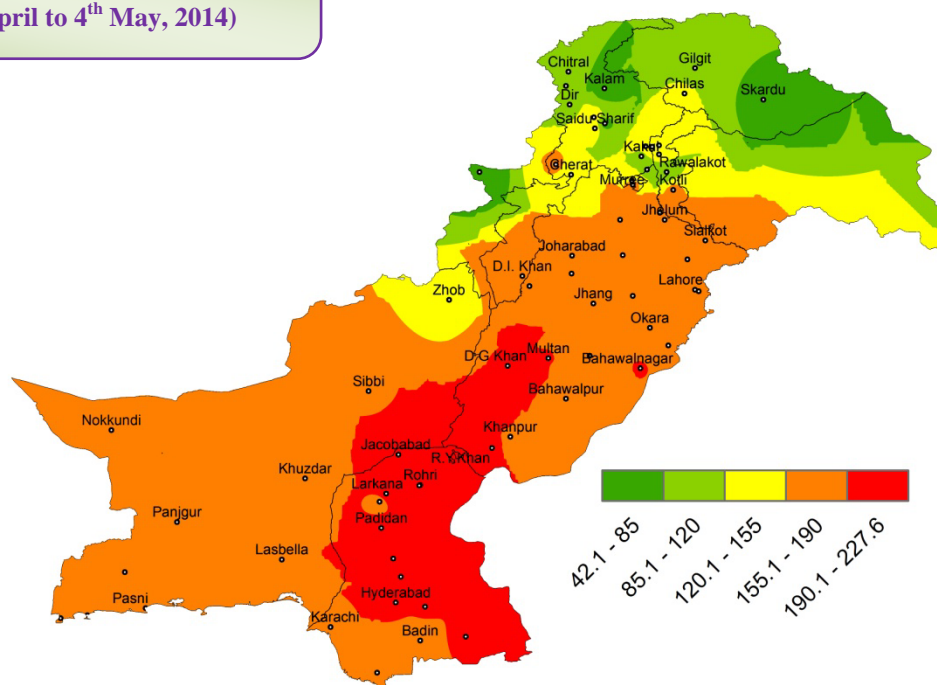
Highest Maximum Temperature (°C) during the
Previous week (from 28th April to 4th May, 2014)



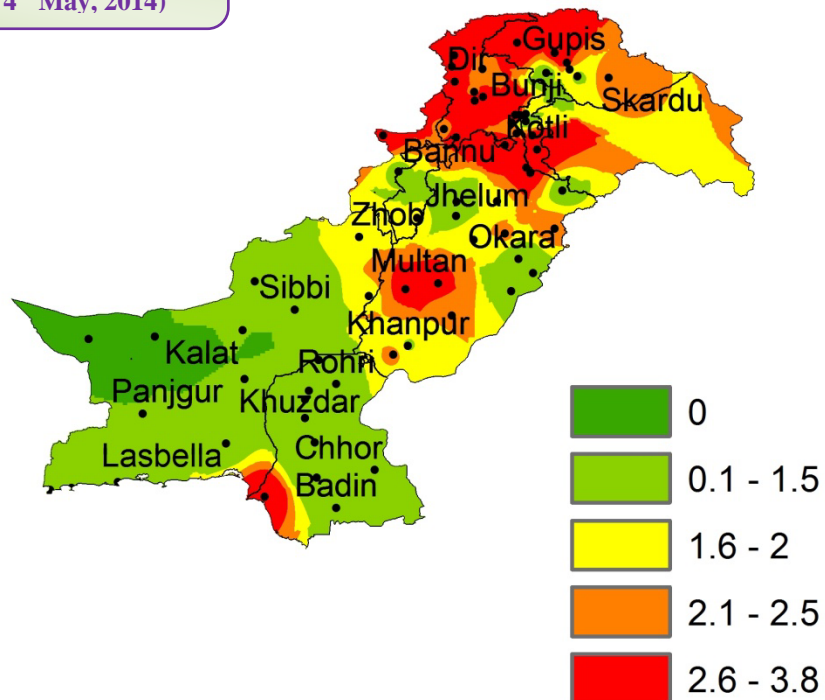
Mean Relative Humidity (%) during the
Previous week (from 28th April to 4th May, 2014)



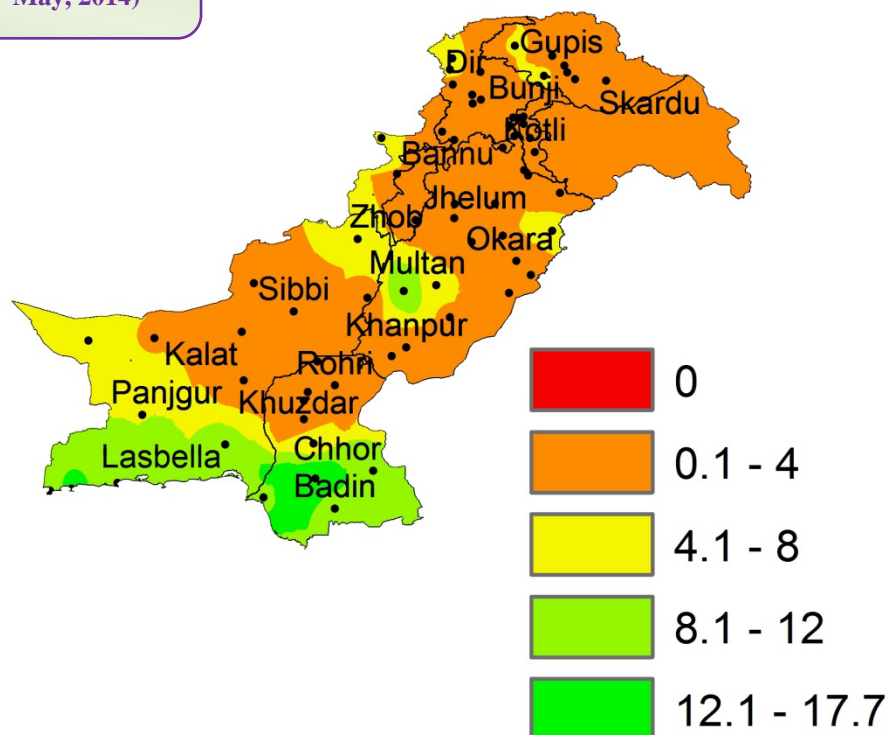
Total Growing Degree Days accumulated during the
Previous week (from 28th April to 4th May, 2014)



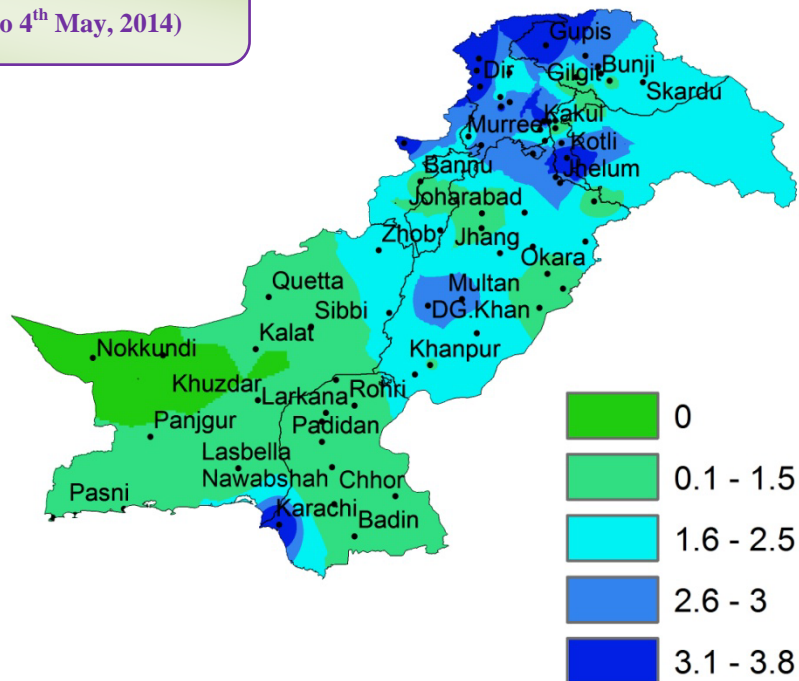
Mean Wind Speed (Knots) at 0800 PST during the
Previous week (from 28th April to 4th May, 2014)



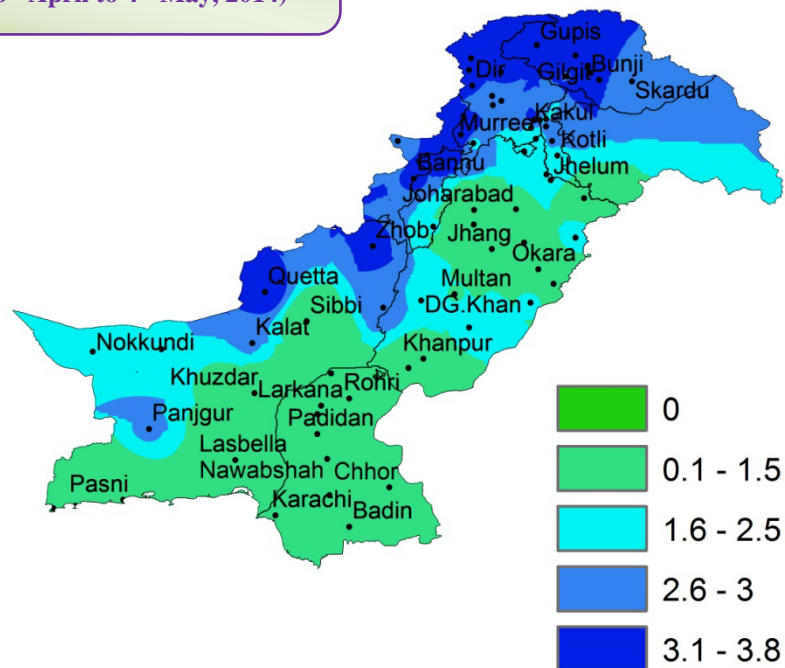
Mean Wind Speed (Knots) at 1700 PST during the
Previous week (from 28th April to 4th May, 2014)



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (from 28th April to 4th May, 2014)



Mean Cloudiness (Oktas) at 1700PST during the
Previous week (from 28th April to 4th May, 2014)



Weekly Weather Advisory for Farmers **(From 5th to 11th May, 2014)**

A western disturbance is prevailing over north-eastern Iran. Its trough of shallow intensity is affecting western and upper parts of country and likely to persist during next 2 to 3 days. A fresh western disturbance is expected to approach Upper and western parts of the country on Thursday and likely to persist during second half of the week.

Punjab including Islamabad

Mainly hot and dry weather is expected in most parts of the province during first half of the week, however scattered dust raising wind with isolated light rain-thunderstorm is expected in upper and south Punjab during Monday/Tuesday. Scattered dust-thunderstorm with isolated rainfall is expected in the province including Islamabad during weekend with occasional gaps.

Khyber Pakhtunkhwa

Mainly hot and dry weather is expected in most parts of the province during first half of the week; however scattered dust raising wind with isolated light rain-thunderstorm is expected in the province during Monday/Tuesday. Scattered dust-thunderstorm with isolated rainfall is expected in KP (Malakand, Hazara, Peshawar, Kohat, Bannu and D.I. Khan divisions) during second half of the week with occasional gaps.

Balochistan

Mainly hot and dry weather is expected in most parts of the province during first half of the week, however dust-thunderstorm with light rain is expected north Balochistan (Quetta, Zhob and Kalat divisions) today and again during the weekend.

Sindh

Mainly hot and dry weather is expected in most parts of the province during the week, However dust-thunderstorm with light rain is expected in Sukkur, Mirpurkhas and Larkana divisions on Monday/Tuesday and again during the weekend.

Kashmir

Mainly partly cloudy weather is expected in most parts of Kashmir during first half of the week, however, Isolated rain-thunderstorm is expected on Monday/Tuesday and during weekend with occasional gaps.

Gilgit-Baltistan

Partly cloudy to cloudy weather is expected in most parts of Gilgit-Baltistan during first half of the week; however, Isolated rain-thunderstorm is expected on Monday/Tuesday and again during weekend with occasional gaps..

Advises for Crops

- Farmers are advised to harvest full matured wheat crop in time keeping the expected rainfall with gusty winds in mind so that wheat crop may be saved from any expected loss during harvesting/threshing.
- Farmers of central and lower parts of the country are advised to take precautionary measures to protect wheat after threshing. It is estimated that 10-15% loss occurs to wheat after threshing due to improper storage etc.
- Cotton crop may be cultivated as soon as possible in areas where land is free from wheat crop so that the crop may face monsoon rains at suitable stages during monsoon heavy rains.

National Weather Data of Selected Cities**(Weekly Data From 28th April to 4th May, 2014)**

Stations	Maximum/Day time Temperature (°C)		Growing Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Highest							
Astore	22.9	23.5	71.2	32	2.0	1.3	4.4	2.6	4.3
Badin	42.9	46.0	197.7	51	0.0	1.3	0.2	5.1	9.7
Bahawalnagar	41.0	45.3	210.3	30	0.0	1.4	2.9	1.7	2.3
Bahawalpur	41.8	44.0	202.0	34	0.3	2.0	2.9	0.9	2.6
Balakot	31.7	34.0	137.0	43	3.0	3.9	5.9	0.0	3.0
Bannu	38.7	40.2	176.3	42	3.0	1.3	4.7	1.4	4.0
Barkhan	34.5	37.0	158.8	28	2.0	1.9	4.2	0.6	0.7
Bunji	31.3	32.8	134.2	32	0.0	3.0	5.7	0.9	2.3
Cherat	29.9	32.0	138.7	38	2.0	2.6	3.1	4.3	3.4
Chhor	42.6	45.5	193.2	46	0.0	1.1	0.2	2.6	9.0
Chilas	32.2	34.0	143.5	27	0.0	1.0	4.4	0.3	4.9
Chitral	28.0	31.5	106.7	55	10.0	3.3	6.1	3.0	4.6
DG.Khan	42.3	45.0	206.9	34	0.1	2.7	3.3	2.6	12.0
D.I.Khan	40.4	43.0	190.5	50	0.0	1.6	2.6	0.6	0.6
Dalbandin	39.9	41.0	172.6	26	0.0	0.0	3.0	1.1	3.7
Dir	30.1	33.0	105.7	59	9.0	3.3	4.7	0.0	2.1
Drosh	28.4	33.6	109.1	45	39.0	3.6	6.1	0.0	5.7
Faisalabad	41.3	44.5	191.9	27	0.0	1.1	0.7	1.1	1.0
Garidopatta	33.9	36.5	139.5	60	0.0	0.6	4.0	0.0	1.1
Gawader	37.9	40.0	180.3	67	0.0	0.4	0.0	0.0	13.6
Gilgit	31.7	34.0	119.1	43	0.1	2.9	5.0	0.0	2.3
Gupis	24.4	26.0	88.8	41	0.0	3.9	4.9	1.4	4.3

Hyderabad	41.3	44.2	207.8	50	0.0	0.4	1.0	14.9	17.7
Islamabad	36.4	38.0	158.3	50	0.2	3.0	2.9	0.3	2.0
Jacobabad	43.4	45.0	208.0	33	0.1	0.9	0.8	0.6	2.0
Jhang	41.3	44.0	192.3	37	0.0	1.9	1.6	0.6	0.0
Jhelum	39.4	41.0	180.1	48	24.1	2.7	2.4	0.3	1.7
Jiwani	36.1	39.0	179.0	67	0.0	0.6	0.7	2.6	9.0
Joharabad	40.6	42.7	189.3	44	7.0	1.3	1.9	0.6	2.6
Kakul	30.0	32.0	121.3	46	23.0	1.9	3.0	0.0	1.1
Kalam	23.4	26.5	81.1	52	13.0	2.0	5.3	0.0	0.0
Kalat	27.1	29.5	93.9	45	0.0	0.0	3.7	0.0	1.4
Karachi	36.4	42.0	185.0	64	0.0	3.6	1.7	5.1	11.7
Khanpur	42.2	44.7	202.7	37	2.0	1.4	1.6	0.0	1.7
Khuzdar	33.2	34.0	157.1	17	2.0	0.0	0.4	0.0	0.9
Kotli	36.6	38.3	168.5	38	13.0	3.9	3.3	3.0	3.4
Lahore	40.5	42.9	193.5	35	1.1	2.4	2.9	0.3	6.3
Larkana	43.5	46.0	213.6	41	1.0	0.3	1.5	1.7	2.3
Lasbella	40.7	44.5	189.8	54	11.0	1.0	0.6	0.0	9.4
Lower Dir	35.6	37.5	162.0	41	1.0	2.1	3.6	2.9	1.7
Malam Jabba	20.1	21.5	70.4	57	10.0	2.9	3.7	0.0	0.6
M.B Din	40.4	41.8	187.3	41	30.0	1.7	2.1	1.1	2.0
Mangla	38.1	39.5	167.6	44	47.0	3.0	3.1	0.6	3.1
Mir Khani	27.9	33.0	136.2	43	22.0	1.7	5.3	0.0	1.6
Moinjodaro	43.5	46.0	195.3	33	0.1	0.4	1.3	2.0	3.3
Multan	41.3	44.0	202.3	29	1.0	2.7	2.4	4.9	5.7
Murree	24.7	27.0	107.6	42	4.1	2.4	2.7	2.0	0.9
Muzaffarabad	35.0	38.3	149.5	45	1.1	2.7	3.1	1.1	2.7

Nawabshah	44.1	46.2	209.8	33	10.0	0.0	2.0	3.4	6.3
Nokkundi	40.4	42.0	196.6	13	0.0	0.0	3.5	2.3	4.7
Noorpurthal	42.8	45.4	202.9	41	0.0	1.4	1.4	0.6	0.9
Okara	41.8	44.5	196.2	37	0.1	0.9	1.1	0.9	1.7
Padidan	42.9	44.5	198.7	49	0.0	0.0	2.3	1.1	2.0
Panjgur	37.9	39.0	173.0	37	0.0	0.0	3.7	2.9	8.0
Parachinar	26.3	27.2	90.1	55	68.0	3.4	3.9	3.3	5.3
Pasni	35.6	37.5	174.5	74	0.0	1.1	0.0	0.9	9.1
Pattan	33.5	37.0	**	51	0.0	1.6	3.4	0.0	0.9
Peshawar	37.3	39.6	173.3	49	2.1	2.4	6.6	1.9	0.9
Quetta	29.7	31.7	117.9	33	1.0	2.1	4.7	2.5	3.6
Rawalpindi	36.9	39.0	164.0	42	0.0	0.9	2.1	0.3	0.9
R.Y.Khan	43.5	45.6	206.7	36	0.3	2.1	2.0	4.0	4.0
Rawalakot	27.4	29.0	96.8	66	3.2	2.9	3.7	0.0	2.3
Rohri	43.4	45.0	217.8	30	0.0	1.1	1.4	0.9	1.7
Sahiwal	41.4	44.0	188.0	38	0.0	1.1	1.3	0.9	2.0
Saidu Sharif	32.4	34.7	140.8	48	8.0	3.1	4.1	0.9	0.9
Sialkot	39.1	40.7	179.5	40	3.0	1.0	1.7	0.3	1.7
Sibbi	43.6	45.0	200.9	23	0.0	0.0	0.0	0.0	0.0
Skardu	26.7	28.0	89.0	29	0.0	2.4	3.6	0.0	1.9
Tandojam	41.1	44.5	195.8	53	0.0	0.0	0.0	1.2	2.8
U.Muhammad	43.0	43.5	196.3	56	0.0	0.0	0.0	0.0	0.0
Zhob	32.4	34.5	149.5	50	3.0	1.9	4.9	5.0	7.3

*** Shows that data was not available.