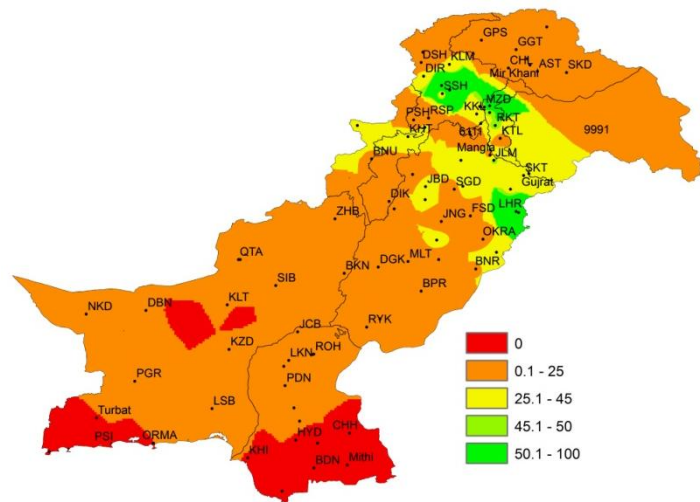


Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (From 14th to 20th April, 2014)**

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Highlights of Past Weather (From 14th to 20th April, 2014)

Mainly above normal day time temperature was reported from most parts of Sindh and Balochistan and normal temperature was reported from other parts of the country during the week. Province wise distribution of rainfall reported as follows:

- Light to moderate rainfall reported at many places in Punjab, Khyber Pakhtunkhwa and Gilgit-Baltistan & Kashmir regions.
- Light to moderate rainfall reported at few places in Balochistan & Sindh.

Past Weather of Provinces (From 14th to 20th**April, 2014)****Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 30.0°C & 16.8°C respectively. For the present season average 126.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 51% and wind speed in the morning/evening recorded 1.6/2.9 Knots. During the previous week highest amount of rainfall reported at Lahore 93.0mm and highest maximum temperature was recorded 39.8°C at R.Y.Khan.

Sindh

Light to moderate rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 37.6°C & 22.6°C respectively. For the present season average 177.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 41% and wind speed in the morning/evening recorded 1.9/4.8 Knots. During the previous week highest amount of rainfall reported at Nawabshah. 13.0mm and highest maximum temperature was recorded 43.6°C at Chhor.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 21.9°C & 10.8°C respectively. For the present season average 75.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 53% and wind speed in the morning/evening recorded 1.1/2.8 Knots. The highest amount of rainfall was reported at Malamjabba 84.0mm and highest maximum temperature recorded 32.5°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 32.3°C & 17.6°C respectively. For the present season average 139.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 1.2/4.9 Knots. During the previous week highest amount of rainfall reported at Zhob 10.0mm and highest maximum temperature recorded 42.0°C at Turbat.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light to moderate rainfall reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 18.4°C & 7.9°C respectively. For the present season average 57.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 0.9/3.3 Knots. During the previous week highest amount of rainfall reported at G.dopatta 38.0mm and highest maximum temperature recorded 29.4°C at Muzaffarabad.

Past Weather for Major Agricultural Plains (From 14th to 20th April, 2014)

Rawalpindi (Potohar region)

Rainfall reported as 2.8mm during the week; however cloudiness in the morning/evening recorded 3.4/4.2 Oktas while, average relative humidity observed 56%. Mean day time temperature recorded 27.1°C & for the present season 109.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.4/0.9 Knots.

Faisalabad (Central Punjab)

Rainfall reported as 16.0mm during the week; however cloudiness in the morning/evening recorded 2.7/3.7Oktas while average relative humidity observed as 52%. Mean day time temperature recorded 31.1°C & for the present season 137.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.8/1.8Knots.

Tandojam (Lower Singh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/1.1Oktas while average relative humidity observed as 52%. Mean day time temperature recorded 38.4°C & for the present season 179.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.9Knots.

Quetta (Northern Balochistan)

Rainfall reported as “Trace”(not measureable) during the week; however cloudiness in the morning/evening recorded 1.9/4.4 Oktas while, average relative humidity observed as 33%. Mean day time temperature recorded 24.8°C for the present season 92.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/3.6 Knots.

Usta Muhammad (Eastern Balochistan)

Rainfall reported as 4.0mm during the week; however cloudiness in the morning/evening recorded 1.2/1.5 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 37.6°C & for the present season 174.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/0.1 Knots.

Past Weather for Sub-Regional Agricultural Plains (From 14th to 20th April, 2014)

Rohri

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/0.7 Oktas while, average relative humidity observed as 32%. Mean day time temperature recorded 37.3°C & for the present season 167.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/2.6 Knots.

Multan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.5/0.2 Oktas while, average relative humidity observed as 46%. Mean day time temperature recorded 33.8°C & for the present season 144.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/4.0Knots.

Lahore

Rainfall reported as 2.4mm during the week; however cloudiness in the morning/evening recorded 2.0/1.4 Oktas while, average relative humidity observed as 43%. Mean day time temperature recorded 31.8°C & for the present season 136.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.7/6.3 Knots.

Zhob

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/2.0 Oktas while, average relative humidity observed as 39%. Mean day time temperature recorded 26.4°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 5.0/6.7 Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.6 Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 31.8°C & for the present season 133.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.9 Knots.

Peshawar

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 2.1/0.4 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 31.1°C & for the present season 119.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.0 Knots.

Murree

Rainfall reported as 12.3mm during the week; however cloudiness in the morning/evening recorded 2.1/2.9 Oktas while, average relative humidity observed as 49%. Mean day time temperature recorded 17.5°C & for the present season 55.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.9/1.7 Knots.

Kalam

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 4.3/3.7 Oktas while, average relative humidity observed as 61%. Mean day time temperature recorded 17.2°C by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.7 Knots.

Gilgit

Rainfall reported as 0.4mm during the week; however cloudiness in the morning/evening recorded 6.3/4.7 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 22.0°C & for the present season 66.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/7.7 Knots.

Skardu

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 4.1/4.4 Oktas while, average relative humidity observed as 42%. Mean day time temperature recorded 16.3°C & for the present season 34.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/8.1 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 RMC Rawalpindi.

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

Central Punjab (Faisalabad)

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

Wheat: Very good condition at *full Maturity* stage completed.

Lower Sindh (Tandojam)

There is presently one crop (irrigated condition) grown in the fields of RMC Tandojam.

Wheat (PD-1): Good condition at *Harvesting* stage.

Northern Balochistan (Quetta)

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

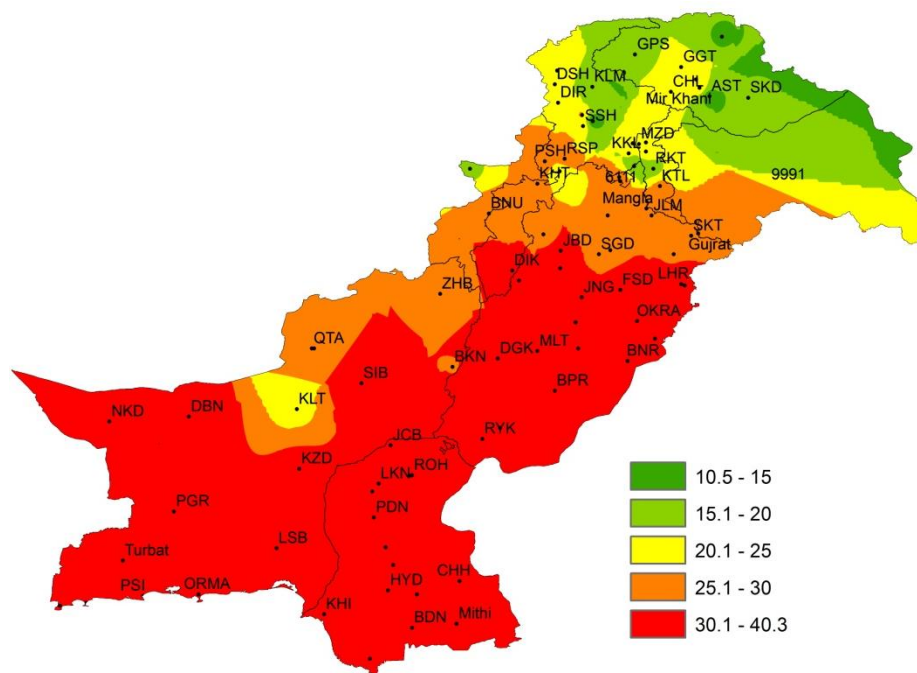
Wheat (Local white): Good condition at *Shooting* stage.

Eastern Balochistan (Usta Muhammad)

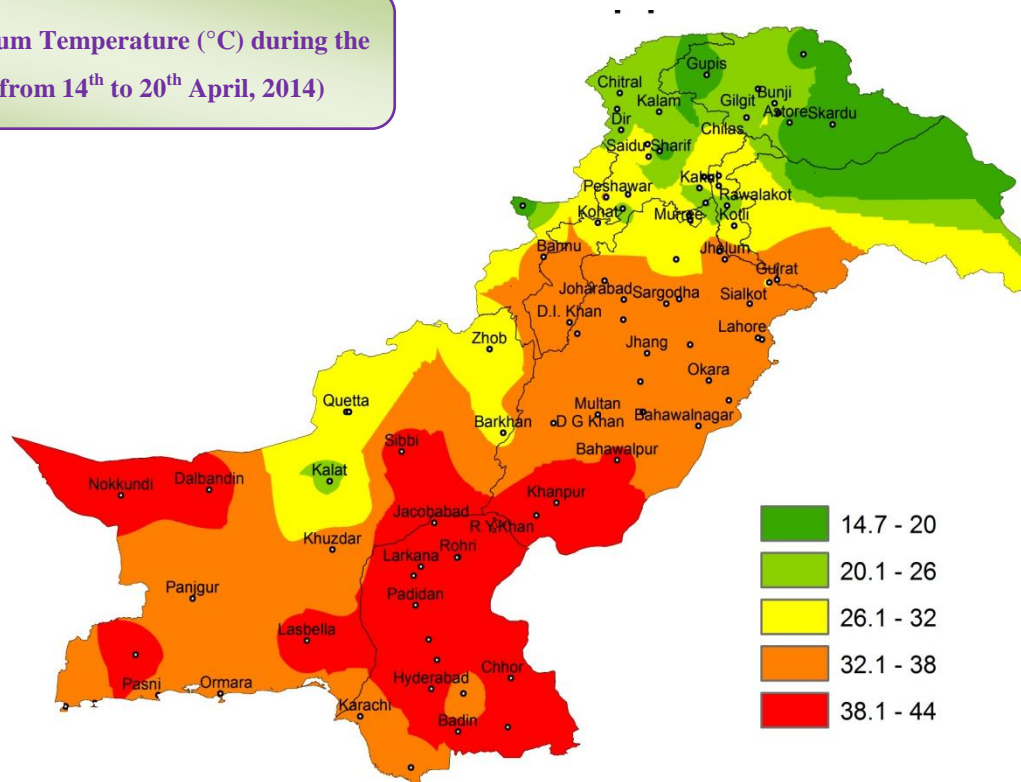
There is presently one crop (irrigated condition) grown in the fields of RMC Usta Muhammad.

Wheat: Good condition at *Shooting* stage.

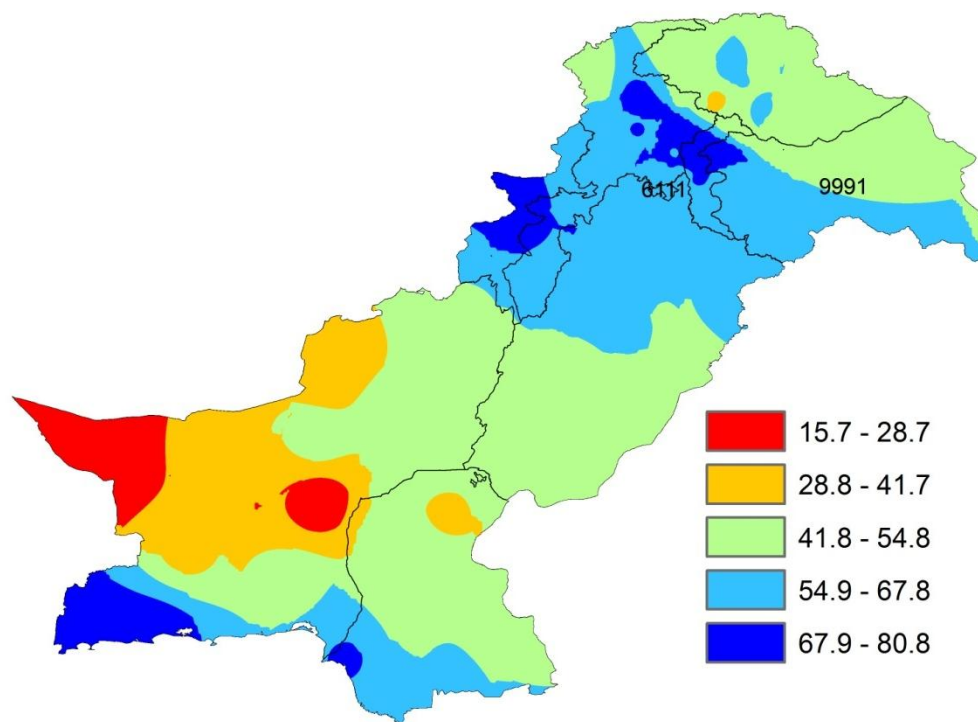
Mean Maximum Temperature (°C) during the
Previous week (from 14th to 20th April, 2014)



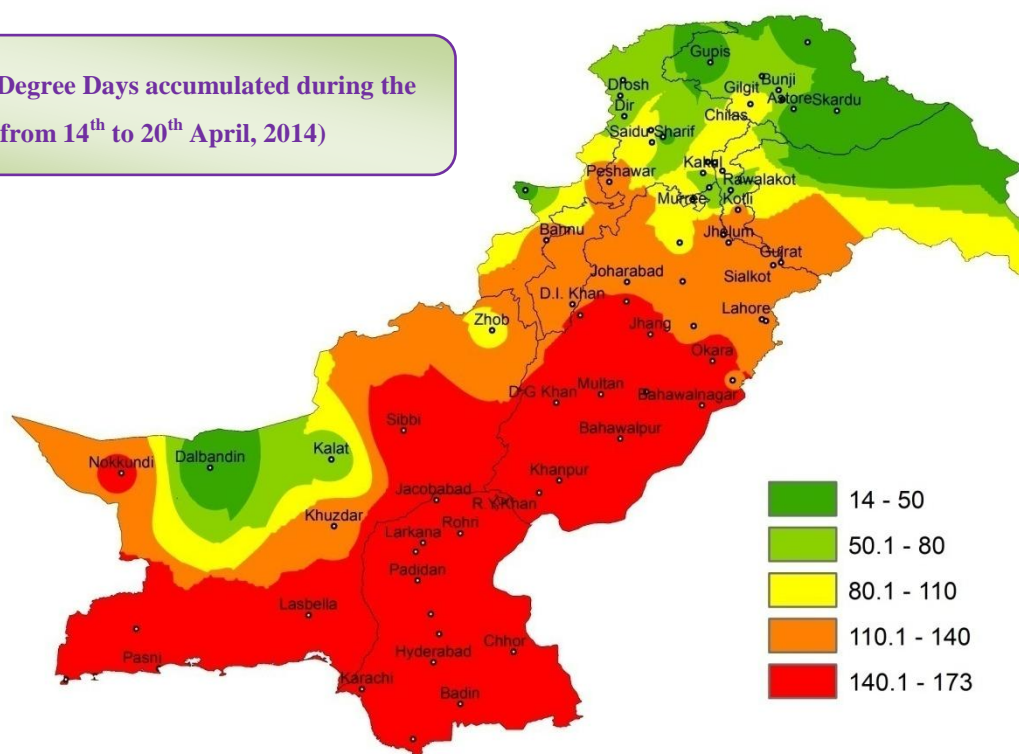
Highest Maximum Temperature (°C) during the
Previous week (from 14th to 20th April, 2014)



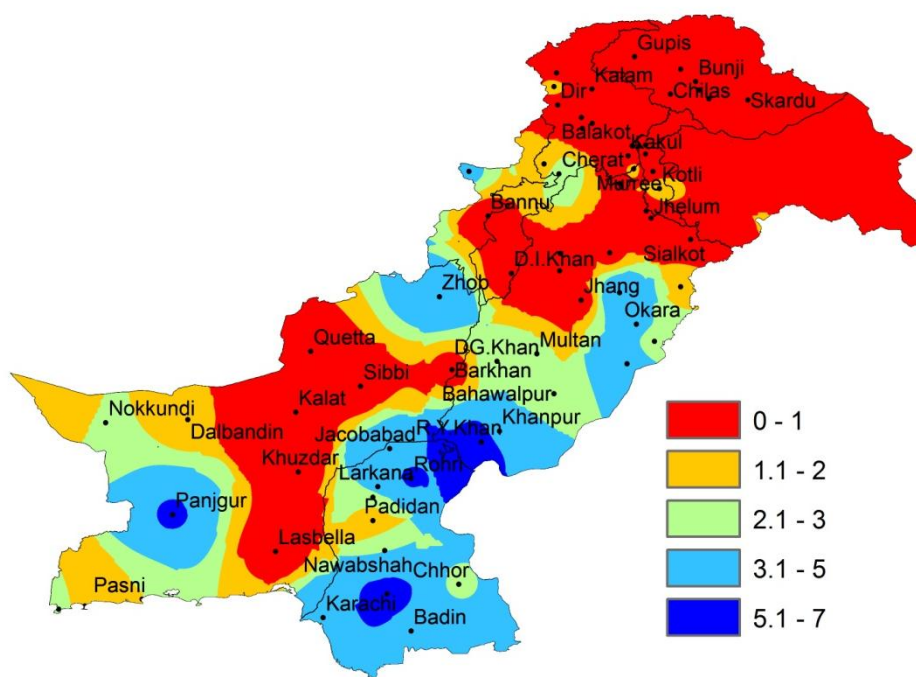
Mean Relative Humidity (%) during the
Previous week (from 14th to 20th April, 2014)



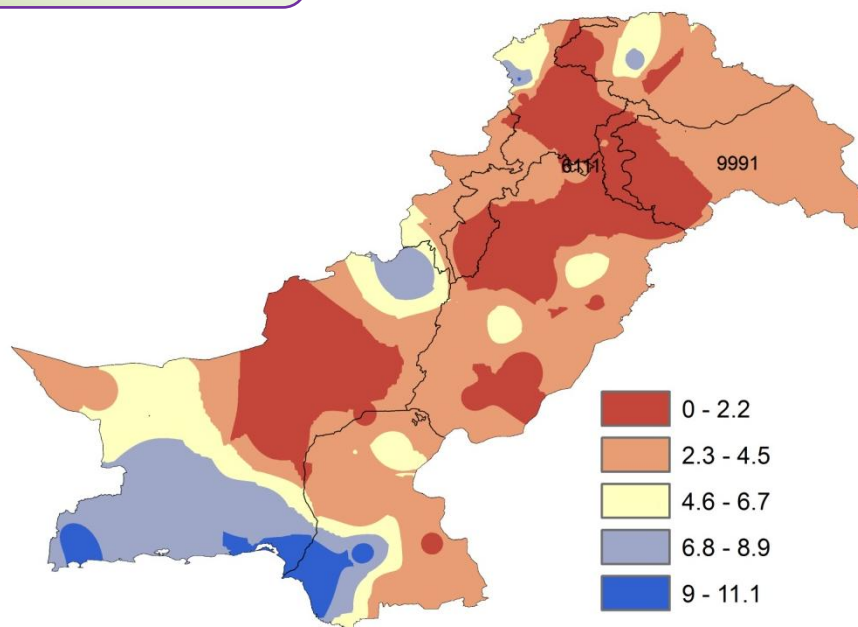
Total Growing Degree Days accumulated during the
Previous week (from 14th to 20th April, 2014)



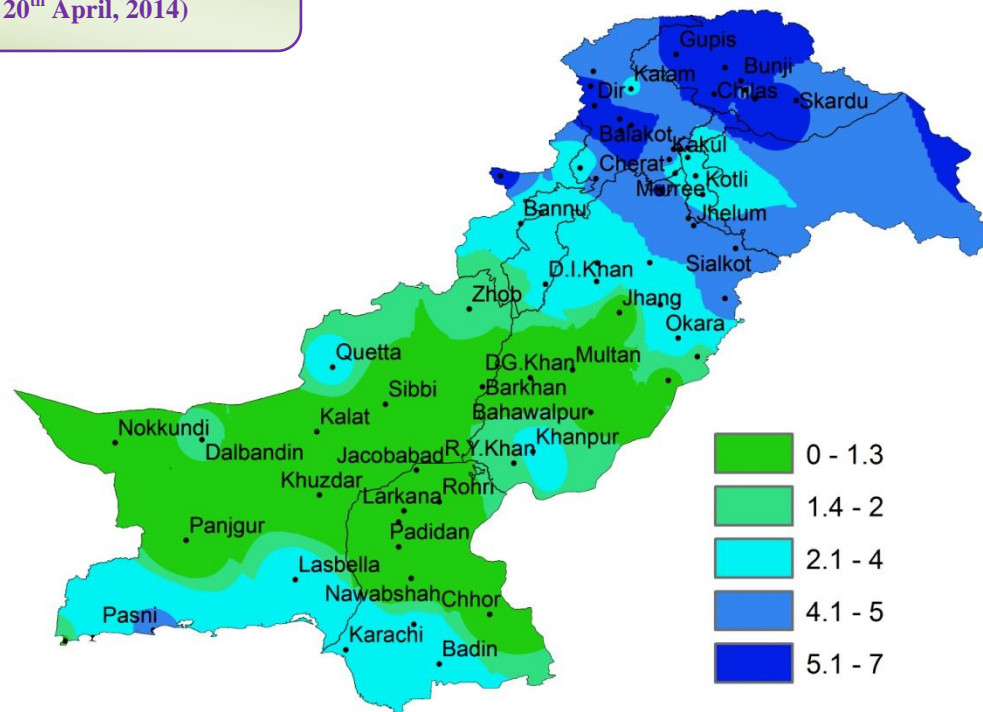
Mean Wind Speed (Knots) at 0800 PST during the
Previous week (from 14th to 20th April, 2014)



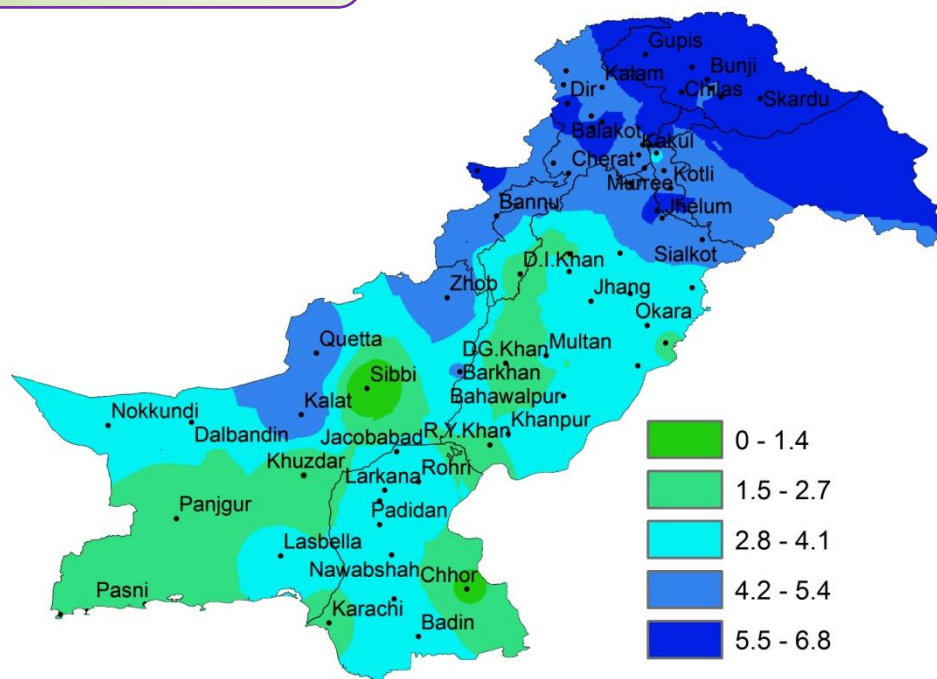
Mean Wind Speed (Knots) at 1700 PST during the
Previous week (from 14th to 20th April, 2014)



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (from 14th to 20th April, 2014)



Mean Cloudiness (Oktas) at 1700PST during the
Previous week (from 14th to 20th April, 2014)



Weekly Weather Advisory for Farmers **(From 21st to 27th April, 2014)**

A shallow westerly wave is expected to approach Western & Upper parts of the country on Tuesday (evening/night) and likely to persist during next 24 hours. Another fresh westerly wave is expected to approach upper parts of the country on Thursday and likely to persist till Saturday.

Punjab including Islamabad

Dust-thunderstorm with light rain is expected at isolated places in Central & South Punjab (D.G. Khan, Multan, Sahiwal and Bahawalpur divisions) on Tuesday (evening/night) & Wednesday. Rain-thunderstorm is expected at isolated places in Islamabad, upper Punjab (Rawalpindi, Gujranwala, Sargodha and Lahore divisions) on Wednesday/Thursday.

More rain-thundershower (associated with gusty winds) is expected at scattered places in Islamabad, upper Punjab (Rawalpindi, Gujranwala, Sargodha and Lahore divisions) during Friday/Saturday, while, at isolated places in South Punjab during the period.

Khyber Pakhtunkhwa

Rain-thunderstorm is expected at isolated places in KP (Malakand, Hazara, Peshawar, Kohat, Bannu and D.I. Khan divisions) on Tuesday (evening/night) & Wednesday.

More rain-thundershower (associated with gusty winds) is expected at scattered places in upper KP (Malakand, Hazara Peshawar and Kohat divisions) on Thursday & Friday, while at isolated places on Saturday.

Balochistan

Mainly dry weather is expected in most parts of the province during the week. However, rain-thunderstorm

is expected at isolated places in Quetta & Zhob divisions on Tuesday (evening/night)/Wednesday.

Sindh

Mainly hot and dry weather is expected in most parts of the province during the week, however partly cloudy weather conditions with possibility of rain-thunderstorm at one or two places in upper Sindh (Sukkar division) on Tuesday (night)/Wednesday (morning) and again during the weekend.

Kashmir

Scattered rain-thundershower (associated with gusty winds) is expected in Kashmir from Wednesday to Saturday. Mainly dry weather with partly cloudy conditions is expected during rest of the days of the week.

Gilgit-Baltistan

Partly cloudy to cloudy weather conditions would prevail over Gilgit-Baltistan during the week, However rain-thunder is expected at isolated places in Gilgit-Baltistan with occasional gap from Wednesday to Saturday.

Advises 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. Farmers should also free the crops from excess of weeds after recent rains especially in upper half of the country.

National Weather Data of Selected Cities**(Weekly Data From 14th to 20th April, 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	12.5	14.5	13.2	49	5.0	5.1	5.1	2.3	5.1
Badin	37.3	38.5	167.7	47	0.0	0.0	0.0	3.4	4.0
Bahawalnagar	34.8	38.0	154.5	43	0.0	2.1	1.8	1.4	1.7
Bahawalpur	35.4	38.5	154.4	44	0.0	0.6	1.9	1.4	2.9
Balakot	26.2	27.5	91.4	49	13.0	3.3	3.9	0.7	0.6
Bannu	30.5	34.4	122.1	54	0.0	0.0	1.7	0.0	4.6
Barkhan	29.2	31.5	***	30	0.0	0.6	1.3	0.0	1.3
Bunji	21.7	24.6	75.9	45	4.0	6.0	5.4	0.6	1.7
Cherat	21.8	23.0	***	48	0.0	2.0	2.1	3.7	4.6
Chhor	39.7	41.2	168.4	41	0.0	0.0	0.0	1.7	2.6
Chilas	24.9	26.0	96.6	34	0.1	5.0	4.0	0.9	3.4
Chitral	23.4	25.1	66.2	44	2.0	2.6	2.3	4.3	2.0
D.I.Khan	31.8	34.0	133.5	55	0.0	0.0	0.6	0.3	0.9
Dalbandin	34.5	39.0	22.8	40	0.0	0.3	2.1	2.3	4.0
DG.Khan	34.6	36.0	152.6	50	0.0	2.1	0.9	4.3	3.4
Dir	22.7	25.0	72.5	61	6.1	3.1	3.3	0.0	1.1
Drosh	23.0	25.4	64.0	38	1.0	2.6	2.3	1.1	14.0
Faisalabad	32.8	35.5	138.4	43	0.1	1.0	0.6	1.2	1.9
Garidopatta	27.6	31.5	90.0	58	5.0	0.0	0.0	0.0	3.4
Gawader	35.2	38.0	161.8	50	0.0	0.9	0.4	0.0	9.0
Gilgit	22.0	24.5	66.3	50	0.4	6.3	4.7	0.0	7.7
Gupis	16.8	18.5	38.3	43	0.0	4.9	3.4	3.7	3.1

Hyderabad	37.8	40.0	171.0	35	0.0	0.0	0.0	3.7	10.6
Islamabad	28.6	30.2	109.3	59	0.3	2.4	2.4	0.0	2.9
Jacobabad	38.2	41.0	167.0	45	0.0	0.7	0.3	0.3	1.7
Jhang	34.0	37.3	140.9	51	0.0	0.0	0.7	0.6	0.9
Jhelum	30.8	32.9	128.0	54	0.5	2.9	2.3	0.6	3.1
Jiwani	32.9	35.0	156.4	58	0.0	0.4	0.0	2.3	7.7
Joharabad	32.1	34.4	133.9	61	1.0	0.9	1.1	0.3	2.0
Kakul	23.3	25.0	76.1	55	14.0	2.6	1.3	0.6	1.4
Kalam	17.2	20.0	***	61	1.0	4.3	3.7	0.0	0.7
Kalat	23.1	25.5	61.9	45	0.0	0.0	0.9	0.0	0.0
Karachi	34.7	36.0	159.3	54	0.0	1.3	0.3	1.7	10.0
Khanpur	36.5	40.3	157.6	44	0.0	0.4	1.4	0.0	2.0
Khuzdar	30.8	33.0	130.3	29	0.0	0.0	0.7	0.6	6.9
Kotli	28.6	30.6	117.2	51	3.2	3.4	1.7	2.3	1.3
Lahore	31.8	34.0	136.5	43	2.4	2.0	1.4	3.7	6.3
Larkana	37.8	42.0	173.0	38	0.0	0.4	1.3	2.6	3.7
Lasbella	38.6	39.0	157.9	42	0.0	0.0	0.9	0.3	6.0
Lower Dir	27.3	29.5	106.8	57	14.0	1.7	2.6	0.3	2.0
M.B Din	31.1	34.0	131.0	58	2.1	2.7	2.4	0.9	2.6
Malam Jabba	13.6	15.2	25.2	68	11.0	3.0	4.9	0.0	0.9
Mangla	30.3	32.3	120.5	56	1.0	3.6	3.6	4.3	2.9
Mir Khani	24.0	27.0	81.9	45	0.0	2.0	1.9	1.0	2.4
Moinjodaro	37.9	42.0	163.1	40	0.0	0.0	0.7	2.6	3.4
Multan	33.8	36.1	144.8	46	0.0	0.5	0.2	2.0	4.0
Murree	17.5	19.4	55.4	49	12.3	2.1	2.9	2.9	1.7
Muzaffarabad	28.9	32.4	107.1	58	26.0	2.7	4.9	0.0	0.0

Nawabshah	39.9	44.0	167.5	33	0.0	0.0	0.0	2.3	5.6
Nokkundi	34.4	38.5	145.2	12	0.0	0.7	1.0	1.4	4.3
Noorpurthal	35.0	37.5	143.0	58	0.0	0.3	0.3	0.3	0.0
Okara	33.0	35.5	143.0	47	1.0	1.6	0.3	1.7	4.0
Padidan	38.6	41.5	170.6	40	0.0	0.0	0.6	0.3	3.4
Panjgur	30.1	34.5	***	39	0.0	0.0	0.0	6.0	9.4
Parachinar	17.1	18.3	43.2	53	8.8	2.9	3.0	3.0	5.0
Pasni	34.1	37.5	148.4	53	0.0	0.0	0.0	1.1	7.7
Peshawar	31.1	32.4	119.9	53	0.2	2.1	0.4	1.1	2.0
Quetta	22.8	26.0	80.8	30	0.0	0.7	2.3	3.3	4.1
R.Y.Khan	37.6	40.2	160.4	44	0.0	0.6	0.6	0.6	4.6
Rawalakot	19.8	22.5	51.6	68	20.2	2.6	4.4	0.0	1.1
Rohri	37.3	41.5	167.3	32	0.0	0.4	0.7	0.6	2.6
Rawalpindi	28.9	31.0	110.6	44	0.1	2.0	2.0	0.3	1.3
Sahiwal	33.1	36.5	138.7	52	0.0	1.0	0.0	1.4	3.1
Saidu Sharif	25.3	27.5	95.9	51	4.2	1.4	3.4	0.0	0.0
Sialkot	29.8	31.8	123.7	57	5.2	2.6	1.4	0.3	1.4
Sibbi	37.8	41.0	170.4	34	0.0	0.0	0.6	0.0	0.0
Skardu	16.3	17.6	34.4	42	0.1	4.1	4.4	0.0	8.1
Tandojam	38.4	40.0	160.3	45	0.0	0.0	0.0	1.1	1.7
U.Muhammad	37.5	41.0	172.3	42	0.0	0.7	1.4	0.1	0.1
Zhob	26.4	30.0	107.3	39	0.0	0.0	2.0	5.0	6.7

*** Shows that data was not available.