

Weekly Weather and Crop Bulletin for Pakistan

**NATIONAL AGROMET CENTRE
PAKISTAN METEOROLOGICAL
DEPARTMENT SECTOR H-8/2,
ISLAMABAD.**

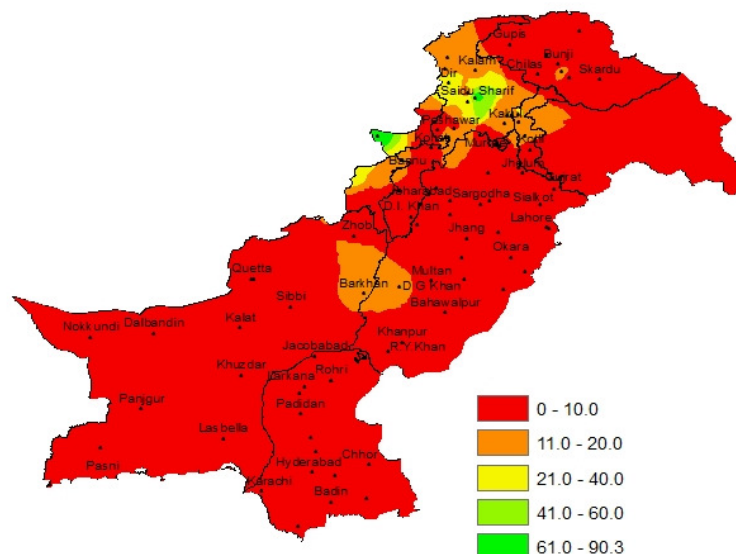
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**Rainfall Distribution (mm) during the
Previous Week (from 4th to 10th April, 2016)**

Contents

Highlights of past weather (General)	1-2
Past weather for Agri Plains	3-4
Crop progress	4
Min Temperature maps	5
R.H and GDD	6
Wind speed maps	7
Cloudiness maps	8
Farmers advisory	9
National data for selected stations	10-12



Highlights of Past Weather (from 4th to 10th April, 2016)

Mainly normal day time temperature was reported from most parts of the country during the week.

Province wise distribution of rainfall reported as follows:

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

Patron-in-Chief: Dr. Ghulam Rasul (Director General)

Chief Editor: Ch. Muhammad Aslam (Director)

Editor: Asma Jawad Hashmi (Deputy Director)

Past Weather of Provinces (from 4th to 10th April, 2016)**Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 31.4°C & 17.1°C respectively. For the present season average 134.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 57% and wind speed in the morning/evening recorded 1.7/3.1 Knots. During the previous week the highest amount of rainfall was recorded 24.0mm at Murree & highest maximum temperature recorded 37.4°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 35.3°C & 20.9°C respectively. For the present season average 162.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 51% and wind speed in the morning/evening recorded 3.1/4.8 Knots. During the previous week the highest amount of rainfall was recorded 4.0mm at Jacobabad & highest maximum temperature recorded 39.0°C at Larkana.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 23.0°C & 10.1°C respectively. For the present season average 78.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 65% and wind speed in the morning/evening recorded 1.1/1.7 Knots. During the previous week the highest amount of rainfall was recorded 90.4mm at Parachinar & the highest maximum temperature recorded 34.0°C at D.I.Khan.

Balochistan

Light to moderate rainfall reported at many places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 29.1°C & 15.6°C respectively. For the present season average 120.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 1.5/5.4 Knots. During the previous week the highest amount of rainfall was recorded 20.5mm at Barkhan & highest maximum temperature recorded 37.0°C at Sibbi.

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 18.6°C & 8.2°C respectively. For the present season average 58.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening recorded 1.1/2.1 Knots. During the previous week the highest amount of rainfall was recorded 32.3mm at Rawalakot & highest maximum temperature recorded 29.7°C at Kotli.

Past Weather for Major Agricultural Plains (from 4th to 10th April, 2016)

Rawalpindi (Potohar region)

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 3.1/2.4 Oktas while, average relative humidity observed 60%. Mean day time temperature recorded 28.9°C & for the present season 118.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.2/2.0 Knots.

Faisalabad (Central Punjab)

Rainfall reported as 6.1mm during the week; however cloudiness in the morning/evening recorded 3.6/4.7 Oktas while, average relative humidity observed as 62%. Mean day time temperature recorded 30.7°C & for the present season 135.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.5/1.2 Knots.

Tandojam (Lower Sindh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.1/1.4 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 36.1°C & for the present season 160.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.2/2.3 Knots.

Quetta (Northern Baluchistan)

Rainfall reported as 1.8mm during the week; however cloudiness in the morning/evening recorded 2.6/4.7 Oktas while, average relative humidity observed as 38%. Mean day time temperature recorded 22.3°C & for the present season 74.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.8/4.2 Knots.

Usta Muhammad (Eastern Balochistan)

Rainfall reported as 5.3mm during the week; however cloudiness in the morning/evening recorded 1.6/4.3 Oktas while, average relative humidity observed as 45%. Mean day time temperature recorded 35.0°C & for the present season 153.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.4/4.5 Knots.

Past Weather for Sub-Regional Agricultural Plains (from 4th to 10th April, 2016)

Multan

Rainfall reported as 13.5mm during the week; however cloudiness in the morning/evening recorded 4.1/4.3 Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 31.8°C & for the present season 142.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.3/6.0 Knots.

Lahore

Rainfall reported as 1.3mm during the week; however cloudiness in the morning/evening recorded 4.0/5.6 Oktas while, average relative humidity observed as 46%. Mean day time temperature recorded 32.3°C & for the present season 147.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/4.6 Knots.

Zhob

Rainfall reported as 18.0mm during the week; however cloudiness in the morning/evening recorded 2.3/4.3 Oktas while, average relative humidity observed as 54%. Mean day time temperature recorded 23.9°C & for the present season 93.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/7.3 Knots.

Rohri

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.0/3.3 Oktas while, average relative humidity observed as 45%. Mean day time temperature recorded 35.1°C & for the present season 211.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/2.3 Knots.

D.I. Khan

Rainfall reported as 4.0mm during the week; however cloudiness in the morning/evening recorded 1.9/3.1 Oktas while, average relative humidity observed as 59%. Mean day time temperature recorded 31.7°C & for the present season 139.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/0.9 Knots.

Peshawar

Rainfall reported as 8.0mm during the week; however cloudiness in the morning/evening recorded 4.4/6.3 Oktas while, average relative humidity observed as 64%. Mean day time temperature recorded 28.2°C & for the present season 118.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/1.7 Knots.

Murree

Rainfall reported as 24.0mm during the week; however cloudiness in the morning/evening recorded 3.6/6.0 Oktas while, average relative humidity observed as 62%. Mean day time temperature recorded 16.3°C & for the present season 50.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.4 Knots.

Kalam

Rainfall reported as 28.0mm during the week; however cloudiness in the morning/evening recorded 3.4/6.9 Oktas while, average relative humidity observed as 66%. Mean day time temperature recorded 13.1°C & for the present season 19.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.3 Knots.

Gilgit

Rainfall reported as 2.6mm during the week; however cloudiness in the morning/evening recorded 7.6/6.6 Oktas while, average relative humidity observed as 68%. Mean day time temperature recorded 18.9°C & for the present season 57.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/1.1 Knots.

Skardu

Rainfall reported as 7.5mm during the week; however cloudiness in the morning/evening recorded 7.0/6.6 Oktas while, average relative humidity observed as 62%. Mean day time temperature recorded 15.3°C & for the present season 38.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/3.0 Knots.

Crop Situation for Major Agricultural Plains
(Based on data from Regional Agromet Centres)

Potohar Region (Rawalpindi)

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

Wheat: Good condition at *Shooting* stage.

Central Punjab (Faisalabad)

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

Wheat: Normal condition at *Wax Maturity* stage completed.

Lower Sindh (Tandojam)

The crop is harvested in the fields of RAMC Tandojam.

Northern Balochistan (Quetta)

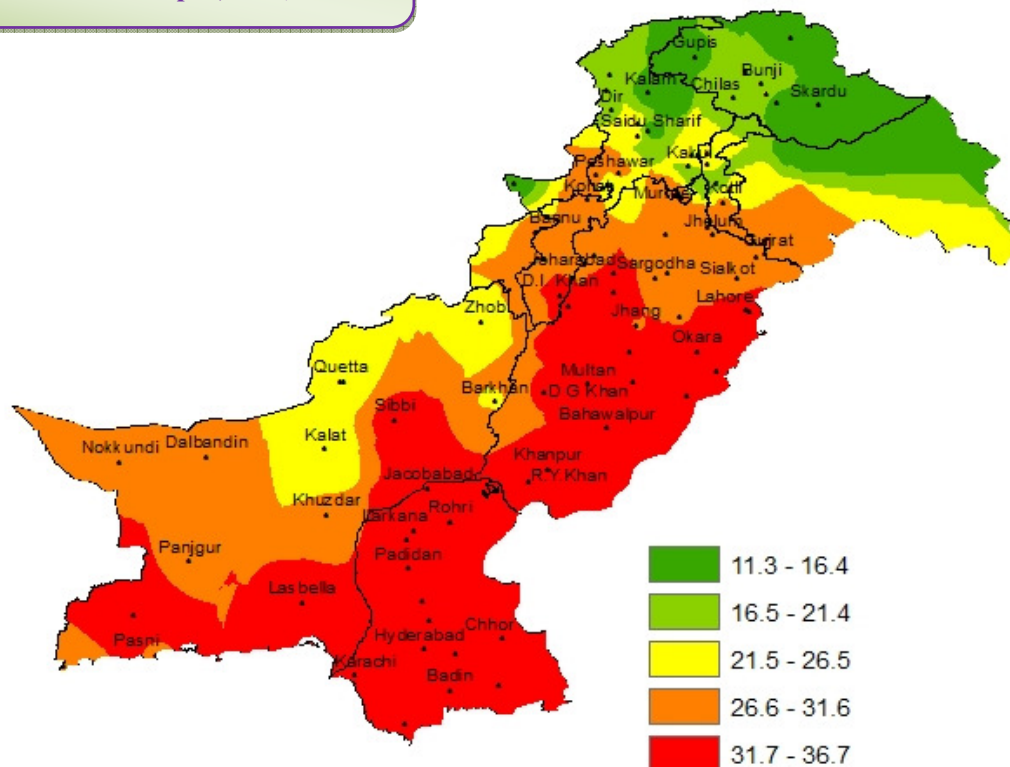
There is presently one crop (irrigated condition) grown in the fields of RAMC Quetta.

Wheat: Good condition at *flowering* stage.

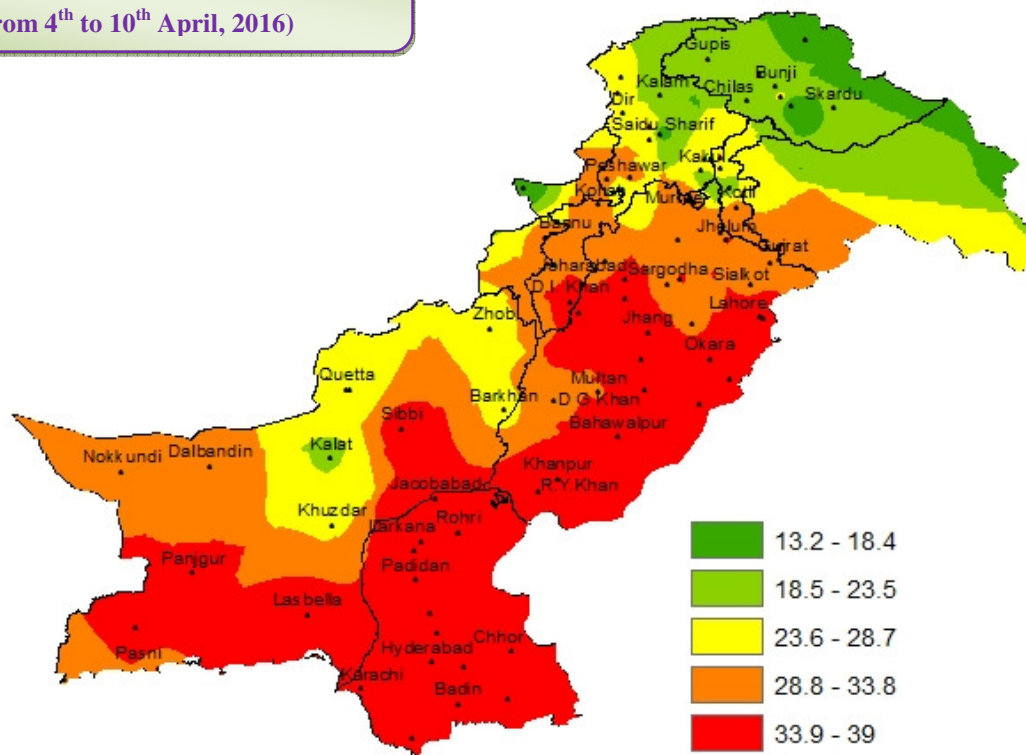
Eastern Balochistan (Usta Muhammad)

The crop is harvested in the fields of RAMC Usta Muhammad.

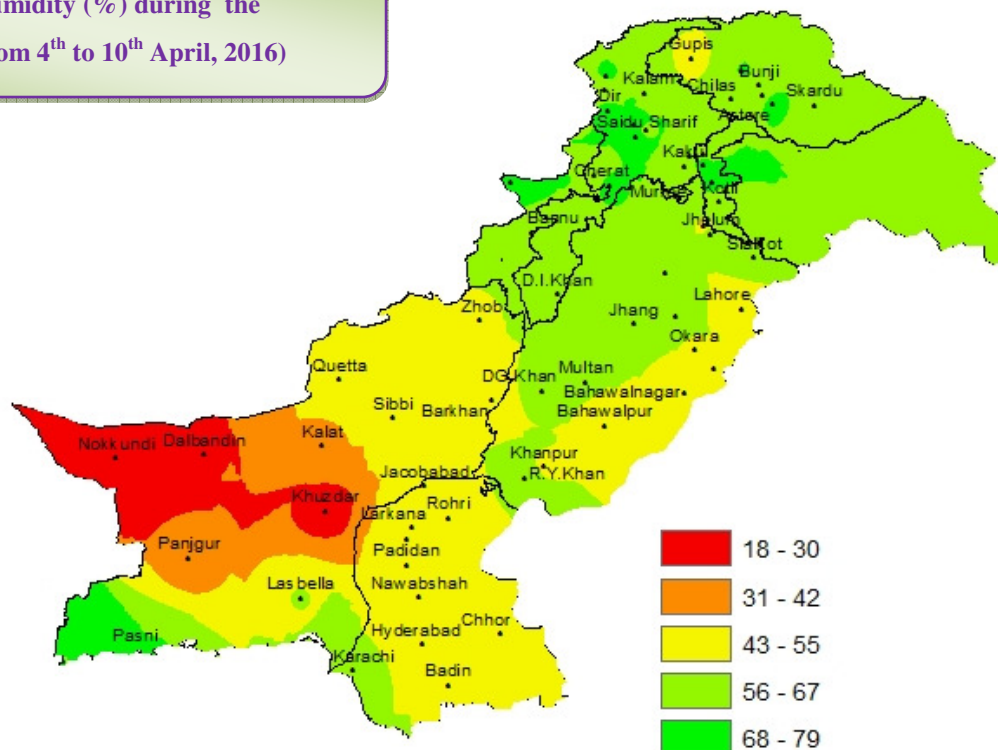
Mean Maximum Temperature (°C) during the Previous week (from 4th to 10th April, 2016)



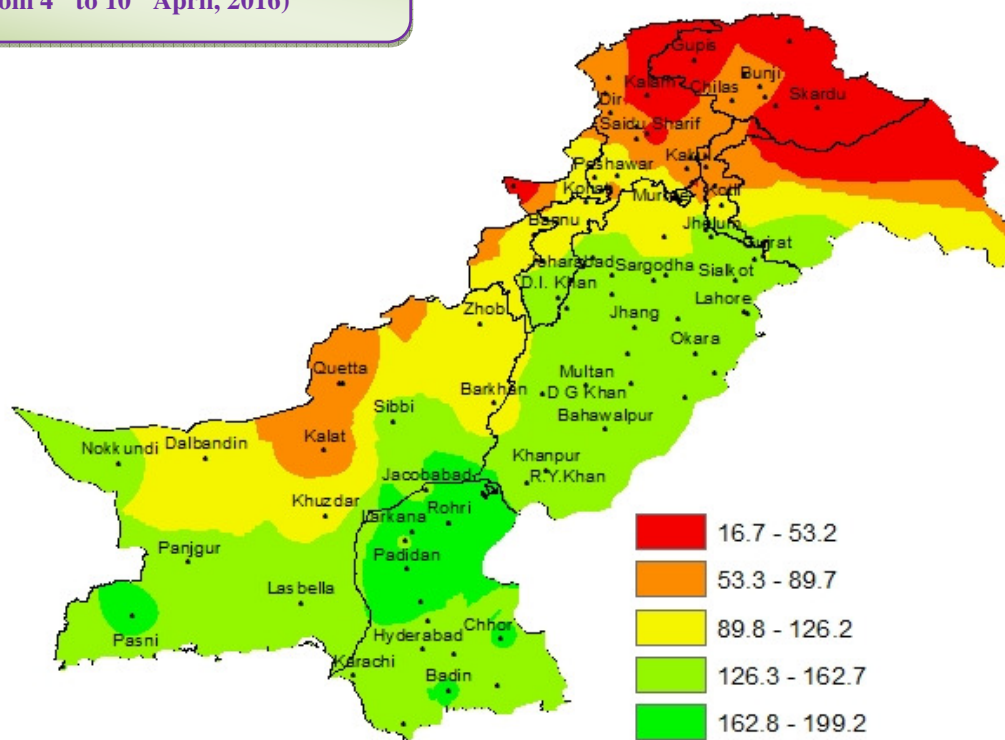
Highest Maximum Temperature (°C) during the Previous week (from 4th to 10th April, 2016)



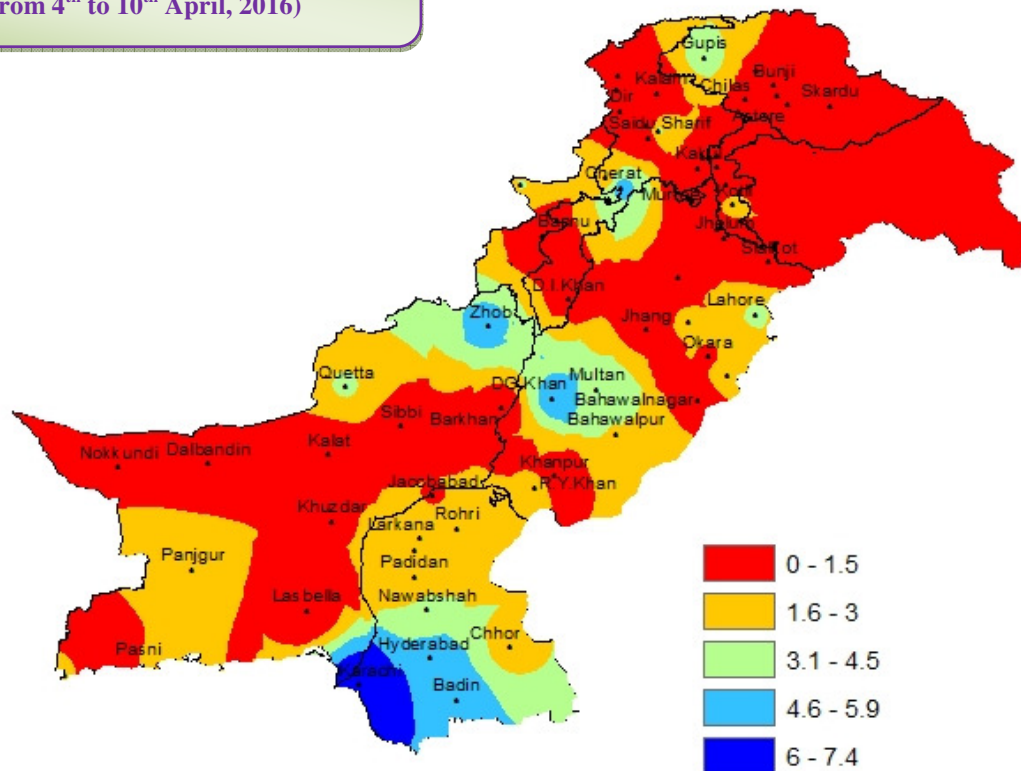
Mean Relative Humidity (%) during the
Previous week (from 4th to 10th April, 2016)



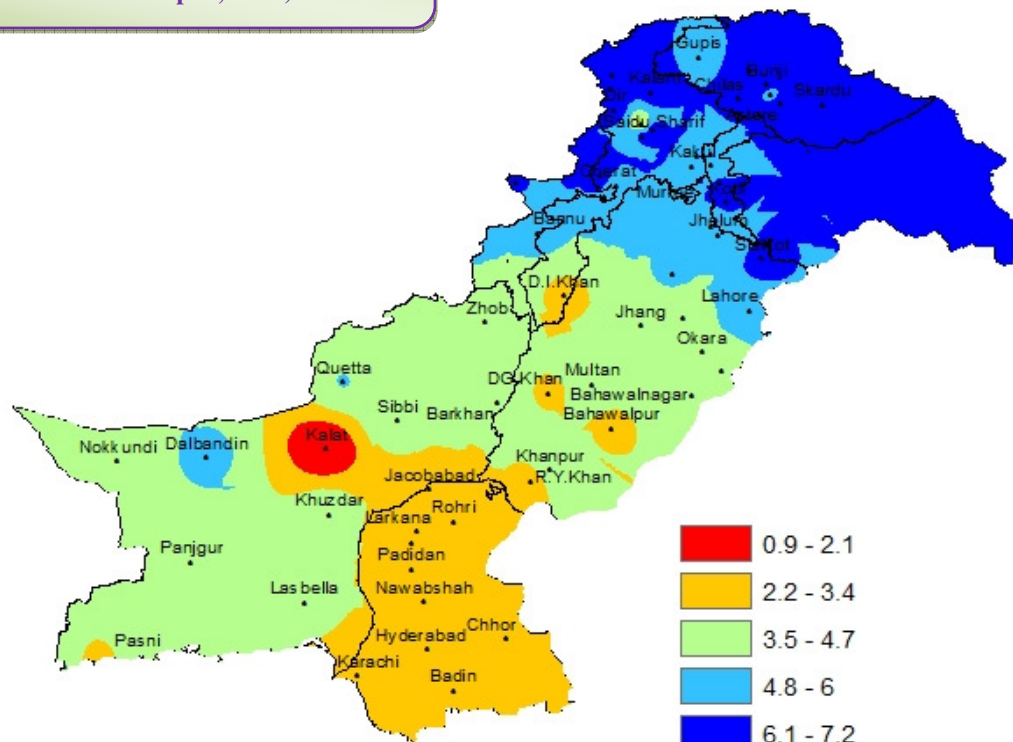
Total Growing Degree Days accumulated during the
Previous week (from 4th to 10th April, 2016)



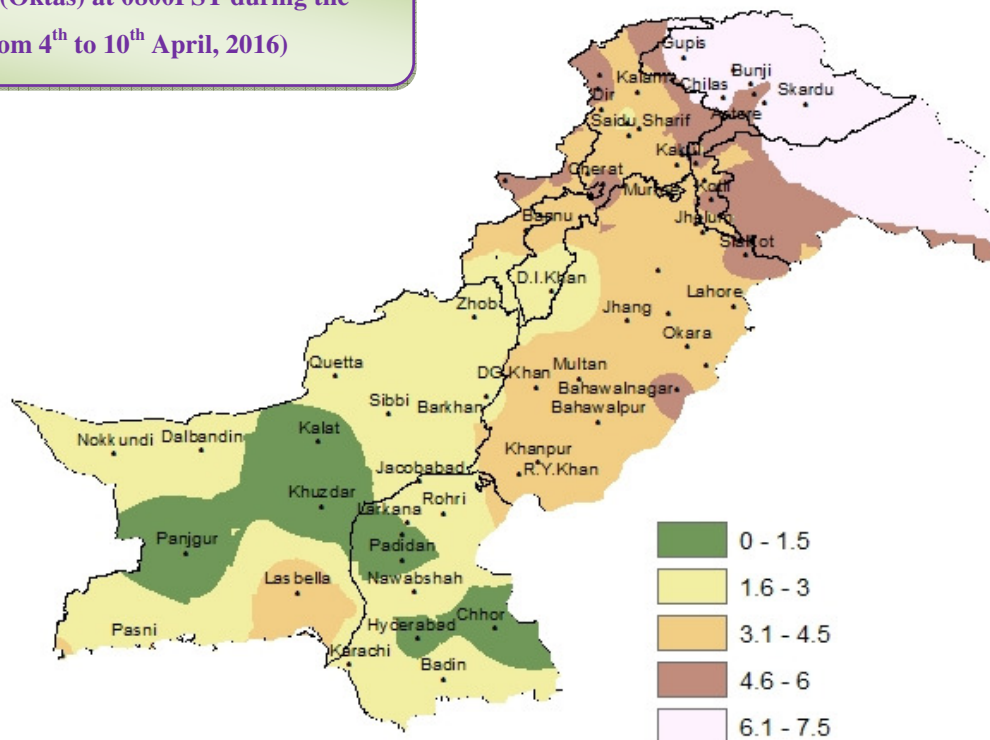
Mean Wind Speed (Knots) at 0300 PST during the Previous week (from 4th to 10th April, 2016)



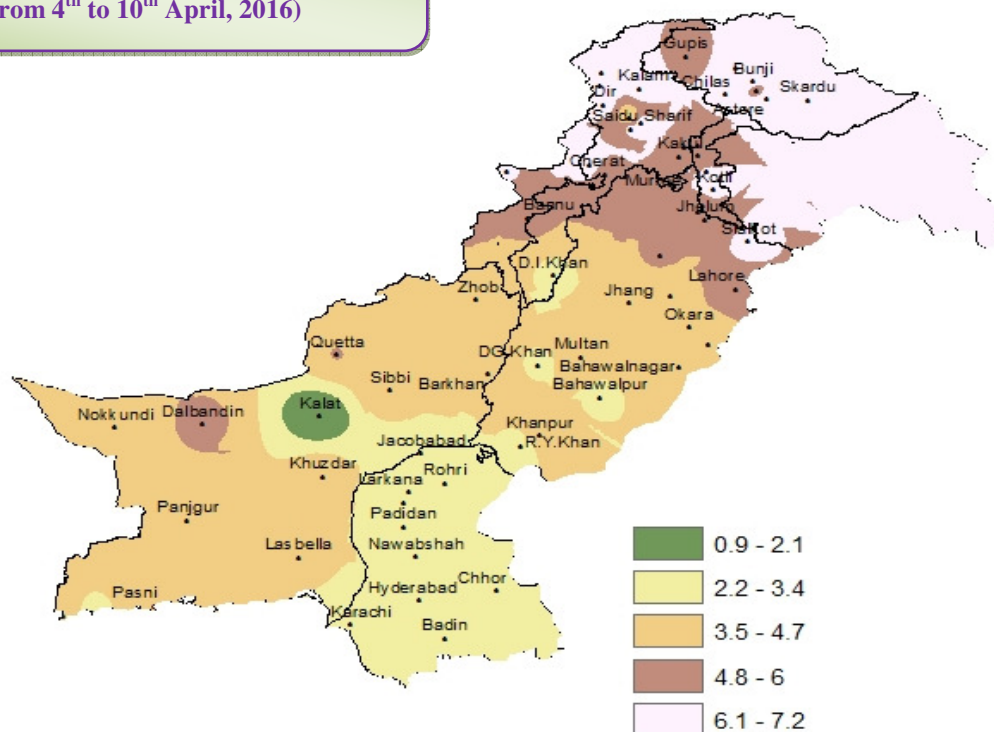
Mean Wind Speed (Knots) at 1200 PST during the Previous week (from 4th to 10th April, 2016)



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (from 4th to 10th April, 2016)



Mean Cloudiness (Oktas) at 1200 PST during the
Previous week (from 4th to 10th April, 2016)



Weekly Weather Advisory for Farmers**(From 11th to 17th April, 2016)**

A westerly wave is affecting upper parts of the country and may persist till Monday.

MONDAY**11-04-2016**

Mainly dry weather is expected in most parts of the country, however rain-thundershower with gusty winds (isolated hailstorm) is expected at isolated places in Malakand, Hazara divisions, Gilgit-Baltistan and Kashmir.

TUESDAY**12-04-2016**

Mainly dry weather is expected in most parts of the country. However, light rain-thunderstorm is expected at few places in Gilgit-Baltistan and Kashmir. Hot weather conditions are expected over plain areas of the country.

WEDNESDAY**13-04-2016**

Mainly dry weather is expected in most parts of the country. Hot weather conditions are expected over plain areas of the country.

THURSDAY**14-04-2016**

Mainly dry weather is expected in most parts of the country. Hot weather conditions are expected over plain areas of the country.

FRIDAY**15-04-2016**

Mainly dry weather is expected in most parts of the country. Hot weather conditions are expected over plain areas of the country.

SATURDAY**16-04-2016**

Mainly dry weather is expected in most parts of the country. However rain-thunderstorm is likely at few places in Quetta and Kalat division. Hot weather conditions are expected over plain areas of the country.

SUNDAY**17-04-2016**

Mainly dry weather is expected in most parts of the country. However rain-thunderstorm is likely at few places in Quetta, Zhob and Kalat divisions. Hot weather conditions are expected over plain areas of the country.

ADVISES FOR CROPS

- ❖ Farmers of irrigated areas should stop irrigation in KP and Punjab, keeping expected weather in mind.
- ❖ Farmers of Barani areas are advised to remove weeds from the fields, so that the present soil moisture may fully be utilized.
- ❖ Pest attacks are expected over vegetables & tobacco crops after recent rains. Farmers are advised to take in time precautionary measures in this regard.
- ❖ Removing weeds from the standing crops is very important as weeds utilize moisture and food which may be utilized by the crop. As a result considerable loss in yield occurs every year. However operations against weeds should be started using weedicides or manually when the crop completely covers the fields.

National Weather Data of Selected Cities
(Weekly Data from 4th to 10th April, 2016)

Stations	Maximum/Day Temperature (°C)		Growing Degree Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Highest							
Astore	11.7	15.0	16.5	70	12.9	6.7	7.1	1.4	2.0
Badin	35.4	36.0	164.7	53	0.0	2.3	2.9	5.4	4.0
Bahawalnagar	34.3	36.0	156.9	47	3.2	4.9	4.3	1.1	2.9
Bahawalpur	33.7	35.5	150.9	52	4.2	3.4	3.1	2.9	1.1
Balakot	24.3	27.5	90.1	60	37.1	4.9	6.0	1.3	1.6
Bannu	29.1	30.6	106.9	57	20.0	3.3	5.0	0.0	2.6
Barkhan	26.3	27.5	109.7	50	20.5	2.7	4.6	0.3	2.0
Bunji	18.8	20.6	65.3	64	0.0	7.1	7.3	0.6	1.4
Cherat	21.7	23.5	79.9	68	36.0	4.7	5.6	5.1	3.4
Chhor	36.7	38.0	165.2	53	0.0	1.3	2.7	2.3	4.9
Chilas	20.0	23.5	68.3	55	0.3	6.1	6.3	1.1	3.4
Chitral	20.3	24.0	62.8	69	28.3	4.6	7.0	0.6	1.7
D.I.Khan	31.7	34.0	139.8	59	4.0	1.9	3.1	1.1	0.9
Dalbandin	31.6	33.0	109.5	29	0.1	2.1	5.0	0.6	3.1
DG.Khan	32.5	33.5	140.6	58	21.0	3.9	3.1	5.1	6.6
Dir	20.4	24.5	58.0	71	54.0	4.4	6.9	0.0	1.1
Drosh	20.8	25.0	64.5	55	21.8	4.9	6.3	0.0	3.7
Faisalabad	30.7	34.0	135.3	62	6.1	3.6	4.7	1.5	1.2
Garidopatta	23.4	27.0	88.8	71	16.0	4.7	5.4	0.0	1.7
Gawader	31.2	32.0	142.5	68	0.0	2.0	3.0	0.0	12.3
Gilgit	18.9	22.0	57.1	68	2.6	7.6	6.6	1.4	1.1

Gupis	15.5	18.5	35.1	52	0.0	6.9	5.4	3.7	3.7
Hyderabad	35.4	37.0	161.2	46	0.1	1.1	2.6	5.4	6.9
Islamabad	27.9	30.0	110.8	65	5.1	3.6	5.1	0.3	3.1
Jacobabad	34.8	36.0	160.4	47	4.0	2.1	2.1	1.4	1.4
Jhang	31.5	35.0	133.8	64	9.5	3.3	4.1	0.9	0.0
Jhelum	31.5	34.0	133.6	55	2.7	3.7	4.9	0.9	1.1
Jiwani	29.7	31.5	146.0	67	0.0	3.3	4.3	2.0	9.1
Kakul	21.3	23.5	77.2	65	31.2	3.3	5.1	0.0	0.9
Kalam	13.1	20.0	19.2	66	28.0	3.4	6.9	0.0	0.3
Kalat	22.3	23.0	66.7	41	0.0	0.0	0.9	0.0	0.0
Karachi	32.7	34.3	161.0	61	0.0	3.0	2.6	7.4	10.6
Khanpur	33.3	36.4	155.4	53	9.0	4.0	4.3	0.6	2.6
Khuzdar	26.9	28.5	122.0	24	1.0	0.6	4.4	1.1	2.6
Kotli	27.1	29.7	117.4	60	5.0	5.1	6.3	2.1	2.4
Lahore	32.3	34.3	147.3	46	1.3	4.0	5.6	3.1	4.6
Larkana	35.6	39.0	169.0	48	1.1	1.6	2.1	2.0	6.6
Lasbella	34.3	35.7	158.5	55	0.1	4.0	4.0	0.0	4.6
Lower Dir	25.6	29.5	94.5	68	25.0	2.3	3.0	0.0	2.0
M.B Din	30.6	34.0	133.4	57	7.0	4.3	4.9	0.6	1.7
Malam Jabba	11.4	14.5	25.2	66	86.0	4.3	6.9	3.4	1.4
Mangla	30.3	33.0	127.0	54	1.8	4.3	5.1	0.6	4.3
Mir Khani	22.1	25.0	69.8	64	29.2	4.4	5.1	0.3	1.4
Moinjodaro	34.9	37.0	161.1	50	0.0	1.3	2.3	2.9	3.4
Multan	31.8	33.8	142.6	55	13.5	4.1	4.3	4.3	6.0
Murree	16.3	19.8	50.6	62	24.0	3.6	6.0	0.6	1.4
Muzaffarabad	23.3	28.0	86.4	66	22.0	4.7	5.1	0.6	4.1

Nawabshah	36.6	38.5	164.9	45	0.0	2.0	2.9	3.3	4.4
Nokkundi	31.0	32.0	129.2	18	0.2	1.9	3.7	1.4	4.0
Okara	33.3	35.0	147.5	53	3.0	3.9	4.4	1.4	2.0
Padidan	35.2	37.0	163.2	48	0.1	1.3	3.3	2.0	3.1
Panjgur	30.0	34.0	128.8	34	6.0	0.6	3.4	2.6	9.1
Parachinar	12.0	13.2	21.4	79	90.4	5.3	6.0	3.0	3.0
Pasni	31.0	33.0	147.4	68	0.0	2.3	4.4	1.7	9.4
Pattan	21.0	26.0	79.4	61	44.0	4.4	5.9	0.9	0.0
Peshawar	28.2	30.0	118.2	64	8.0	4.4	6.3	1.7	1.7
Quetta	22.3	26.5	74.9	38	1.8	2.6	4.7	1.8	4.2
R.Y.Khan	34.7	37.4	154.8	60	0.2	3.7	2.8	2.0	2.7
Rawalakot	18.7	21.5	56.8	72	32.3	4.1	6.0	0.0	0.6
Rohri	35.1	36.5	211.2	45	0.0	2.0	3.3	1.7	2.3
Rawalpindi	28.9	31.5	118.9	60	2.0	3.1	2.4	0.2	2.0
Sahiwal	33.6	35.2	145.6	51	2.2	3.9	3.7	1.7	4.0
Saidu Sharif	23.0	27.0	84.3	68	43.0	3.3	6.3	0.0	0.0
Sialkot	29.2	32.3	133.7	62	6.4	5.0	6.3	0.3	1.7
Sibbi	35.1	37.0	142.9	47	9.5	2.9	4.7	0.9	4.0
Skardu	15.3	18.4	38.1	62	7.5	7.0	6.6	0.0	3.0
Tandojam	36.1	37.0	160.0	50.0	0.0	1.1	1.4	1.2	2.3
Usta.M	35.0	36.4	153.6	45	5.3	1.6	4.3	5.4	4.5
Zhob	23.9	26.5	93.5	54	18.0	2.3	4.3	5.0	7.3

*** Shows that data was not available.