

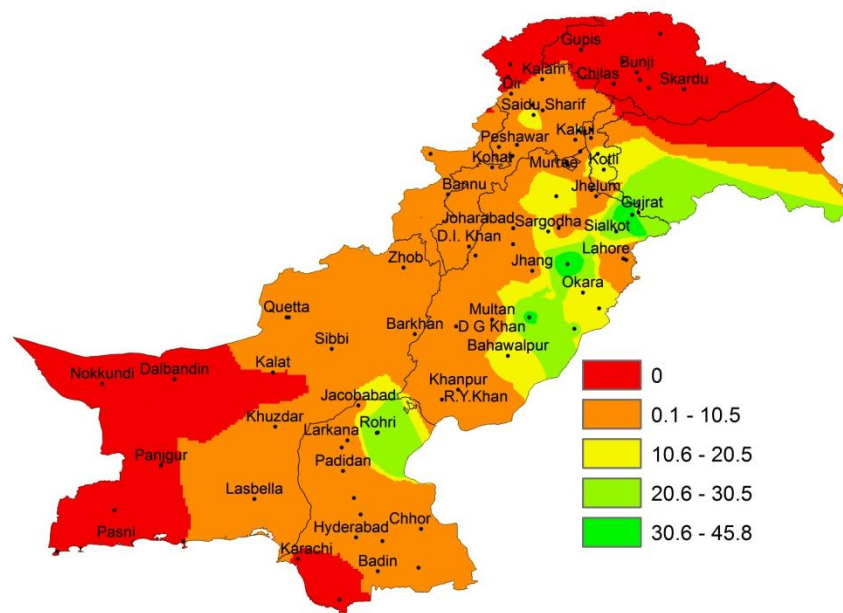
Weekly Weather and Crop Bulletin for Pakistan

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

Phone: +92-51-9250592

Email: info@namc.pmd.gov.pk

**Rainfall Distribution (mm) during the
Previous Week (From 6th to 12th April, 2015)**



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

Patron-in-Chief: Iftikhar Ahmed Mir (Director General)

Chief Editor: Ch. Muhammad Aslam (Director)

Editor: Asma Jawad Hashmi (Deputy Director)

Highlights of Past Weather (From 6th to 12th April, 2015)

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

Past Weather of Provinces (From 6th to 12th April, 2015)

Punjab

Light to Moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 31.3°C & 16.9°C respectively. For the present season average 133.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening 1.4/2.1Knots. During the previous week the highest amount of rainfall was recorded 46.9mm at Sialkot & Highest maximum temperature was recorded 39.2°C at R.Y.Khan.

Sindh

Light to Moderate rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 36.9°C & 21.6°C respectively. For the present season average 170.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 49% and wind speed in the morning/evening recorded 2.7/3.8Knots. During the previous week the highest amount of rainfall was recorded 33.1mm at Sukkur & Highest maximum temperature recorded 42.0°C at Chhor.

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 23.9°C & 9.1°C respectively. For the present season average 80.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 47% and wind speed in the morning/evening recorded 0.9/1.7Knots. During the previous week the highest amount of rainfall was recorded 16.1mm at Rawalakot & Highest maximum recorded 34.0°C at Muzaffarabad.

Balochistan

Light to Moderate rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 31.4°C & 16.4°C respectively. For the present season average 132.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 45% and wind speed in the morning/evening recorded 1.4/5.3Knots. During the previous week the highest amount of rainfall was recorded 8.0mm at Barkhan & Highest maximum temperature recorded 42.5°C at Turbat.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 25.4°C & 10.5°C respectively. For the present season average 87.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 56% and wind speed in the morning/evening recorded 2.7/3.8Knots. During the previous week the highest amount of rainfall was recorded 18.0mm at Saidu Sharif & Highest maximum temperature recorded 35.0°C at D.I.Khan.

**Past Weather for Major Agricultural Plains
(From 6th to 12th April, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 5.0mm during the week; however cloudiness in the morning/evening recorded 1.0/1.4Oktas while, average relative humidity observed as 60%.Mean day time temperature recorded 28.6°C & for the present season 122.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.3Knots.

Faisalabad (Central Punjab)

Rainfall reported as 19.6mm during the week; however cloudiness in the morning/evening recorded 1.7/3.0Oktas while, average relative humidity observed as 57%.Mean day time temperature recorded 30.9°C & for the present season 134.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.8/1.1Knots.

Quetta (Northern Balochistan)

Rainfall reported as 1.4mm during the week; however cloudiness in the morning/evening recorded 0.3/3.3Oktas while, average relative humidity observed as 33%.Mean day time temperature recorded 23.8°C & for the present season 83.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.4/3.6 Knots.

Usta Muhammad (Eastern Balochistan)

Rainfall reported as 3.4 mm during the week; however cloudiness in the morning/evening recorded 2.1/1.9Oktas while, average relative humidity observed as 57%.Mean day time temperature recorded 35.1°C & for the present season 152.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/4.9Knots.

Tandojam (Lower Singh)

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while average relative humidity observed as 49%.Mean day time temperature recorded 38.1°C & for the present season 171.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.5/3.6Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 6th to 12th April, 2015)****Multan**

Rainfall reported as 2.2mm during the week; however cloudiness in the morning/evening recorded 2.4/3.1 Oktas while, average relative humidity observed as 57%.Mean day time temperature recorded 32.0°C & for the present season 143.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/5.7Knots.

Rohri

Rainfall reported as 26.0mm during the week; however cloudiness in the morning/evening recorded 0.9/0.0Oktas while, average relative humidity observed as 46%.Mean day time temperature recorded 35.1°C & for the present season 163.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/1.1Knots.

Lahore

Rainfall reported as 0.7mm during the week; however cloudiness in the morning/evening recorded 3.9/4.1Oktas while, average relative humidity observed as 56%.Mean day time temperature recorded 29.4°C & for the present season 132.5growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.6Knots.

Zhob

Rainfall reported as 6.0mm during the week; however cloudiness in the morning/evening recorded 1.3/3.6Oktas while, average relative humidity observed as 61%.Mean day time temperature recorded 25.7°C & for the present season 98.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.6/5.6Knots.

D.I. Khan

Rainfall reported as 2.8mm during the week; however cloudiness in the morning/evening recorded 1.7/2.0Oktas while, average relative humidity observed as 67%.Mean day time temperature recorded 30.8°C & for the present season 129.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/2.3Knots.

Peshawar

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.3/3.9Oktas while, average relative humidity observed as 86%.Mean day time temperature recorded 29.8°C & for the present season 126.3growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/2.0Knots.

Murree

Rainfall reported as 5.8mm during the week; however cloudiness in the morning/evening recorded 1.4/4.1Oktas while, average relative humidity observed as 59%.Mean day time temperature recorded 18.0°C & for the present season 58 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/1.1Knots.

Kalam

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/4.7Oktas while, average relative humidity observed as 53%.Mean day time temperature recorded 19.9°C & for the present season 47.8 growing degree days accumulated by the end of last week. Clam wind speed recorded in the morning/evening as 0.0/0.9 Knots.

Gilgit

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.1/4.9Oktas while, average relative humidity observed as 34%.Mean day time temperature recorded 26.6°C & for the present season 84.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/2.6Knots.

Skardu

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.3/4.3 Oktas while, average relative humidity observed as 37%.Mean day time temperature recorded 19.5°C & for the present season 51.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 1.1/2.9 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 RAMC Rawalpindi.

Wheat Chakwal 97: Good condition at *Flowering* stage.

Central Punjab (Faisalabad)

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

Wheat: Very Good condition at *Wax Maturity* stage.

Lower Sindh (Tandojam)

The presently crop is harvested in the field of RAMC Tandojam.

Northern Balochistan (Quetta)

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

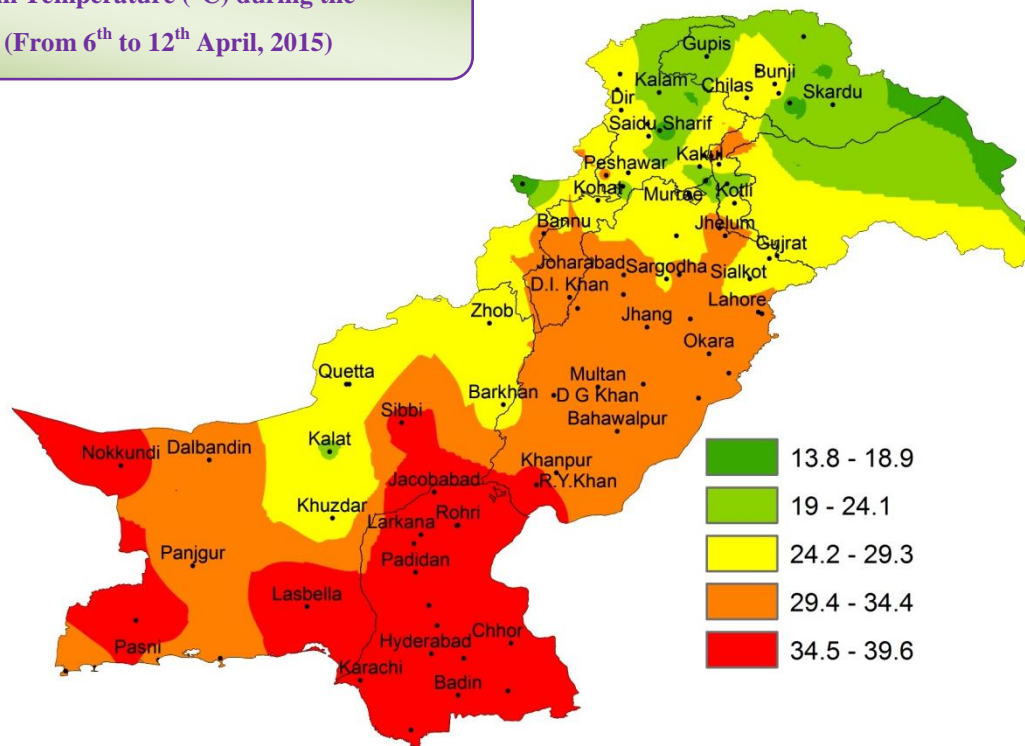
Wheat: Good condition at *Heading* stage.

Eastern Balochistan (Usta Muhammad)

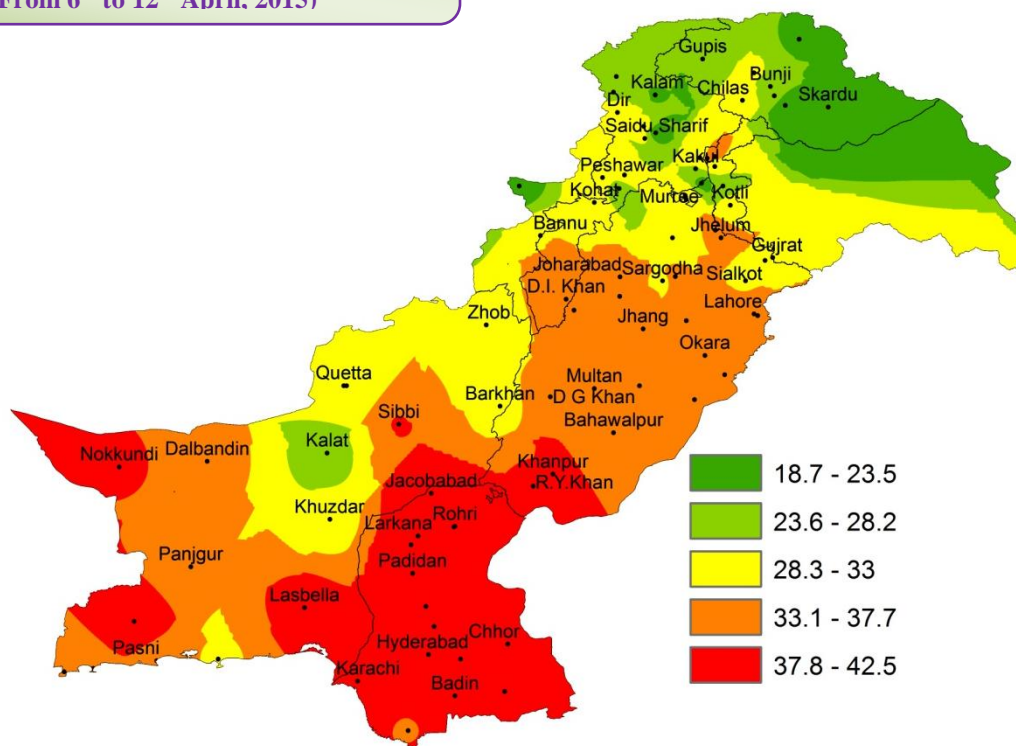
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Wheat: Good condition at *Thrashing* stage.

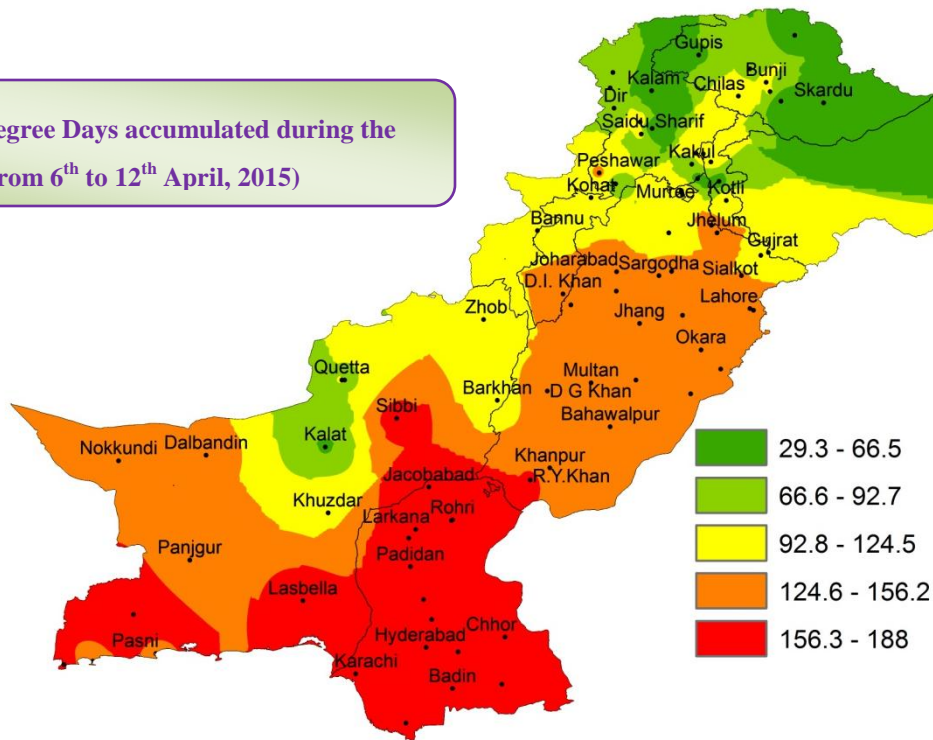
Mean Maximum Temperature (°C) during the
Previous week (From 6th to 12th April, 2015)



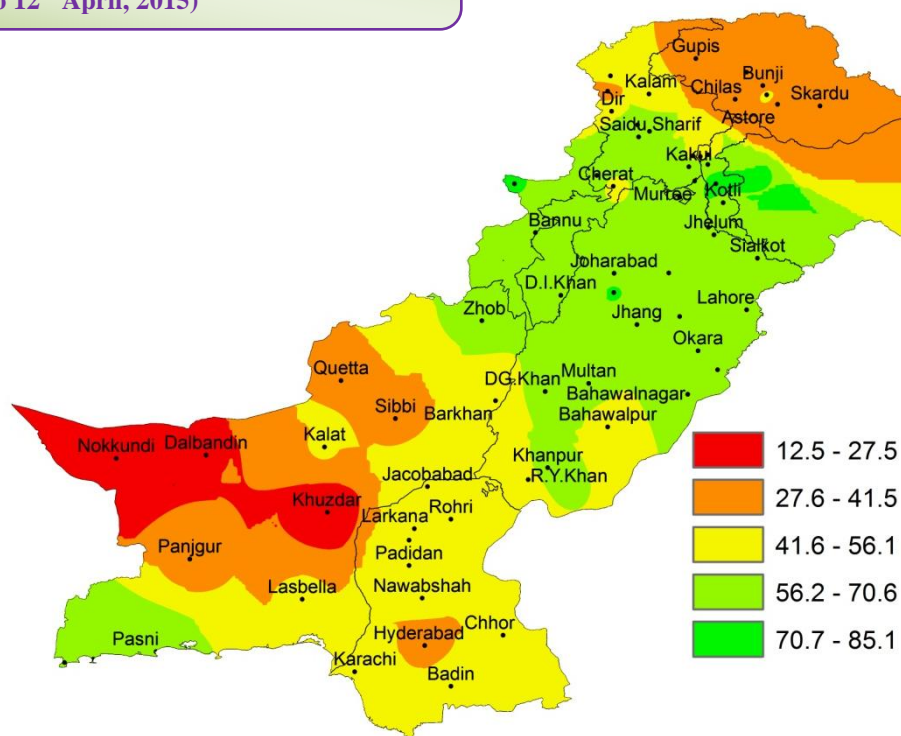
Highest Maximum Temperature (°C) during the
Previous week (From 6th to 12th April, 2015)



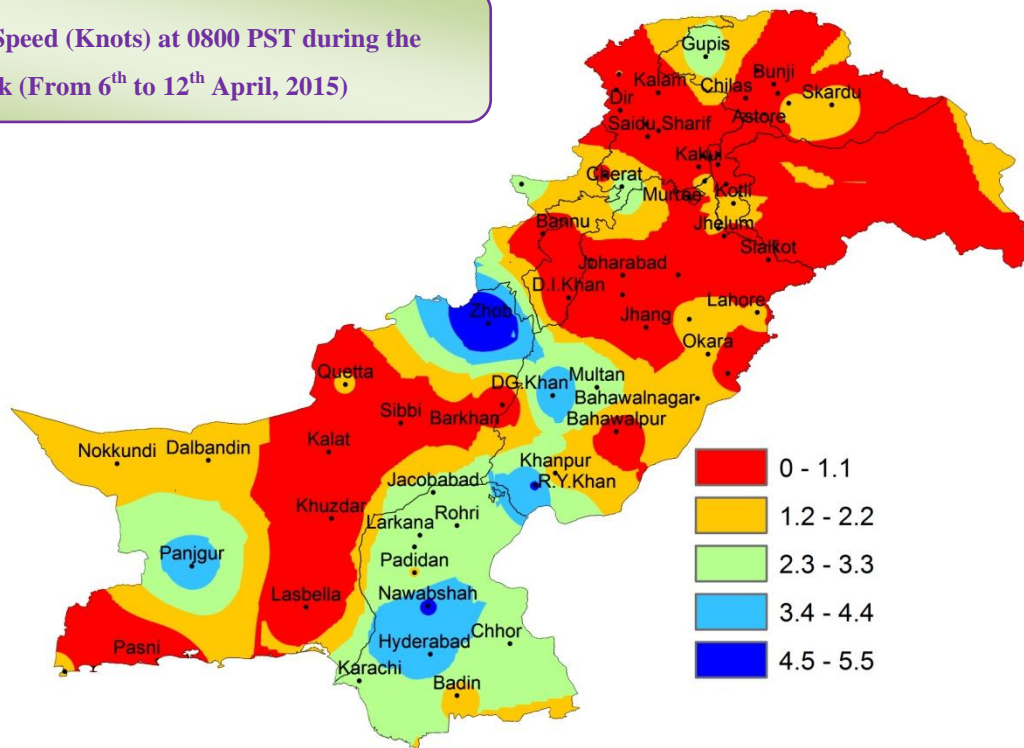
Total Growing Degree Days accumulated during the
Previous week (From 6th to 12th April, 2015)



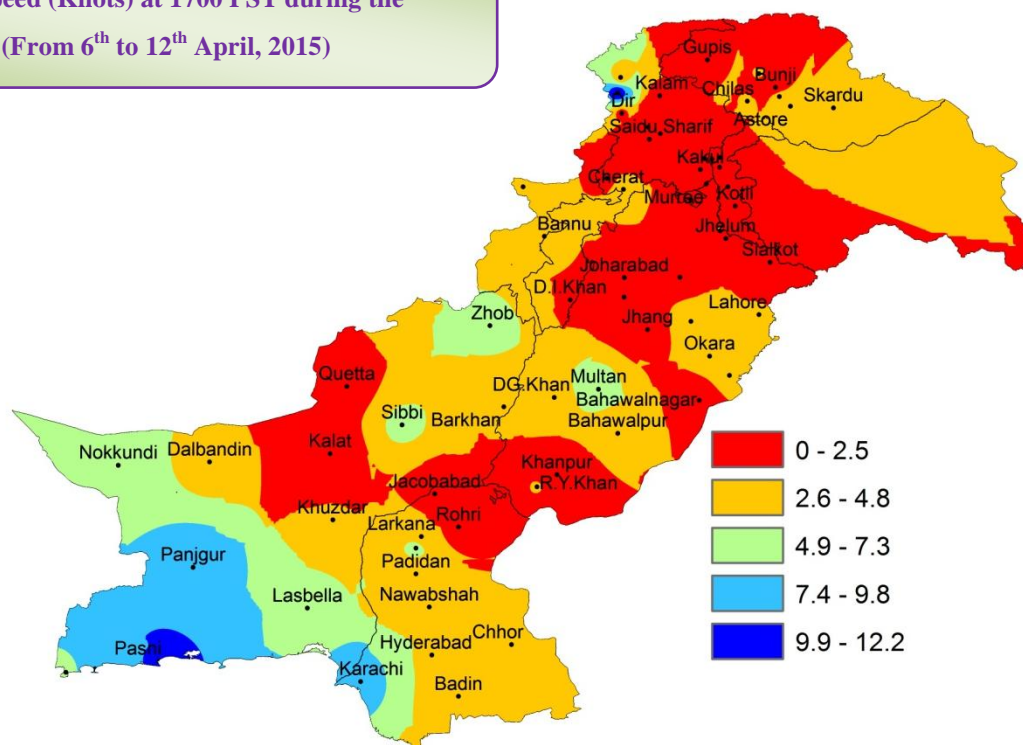
Mean Relative Humidity (%) during the Previous
week (From 6th to 12th April, 2015)



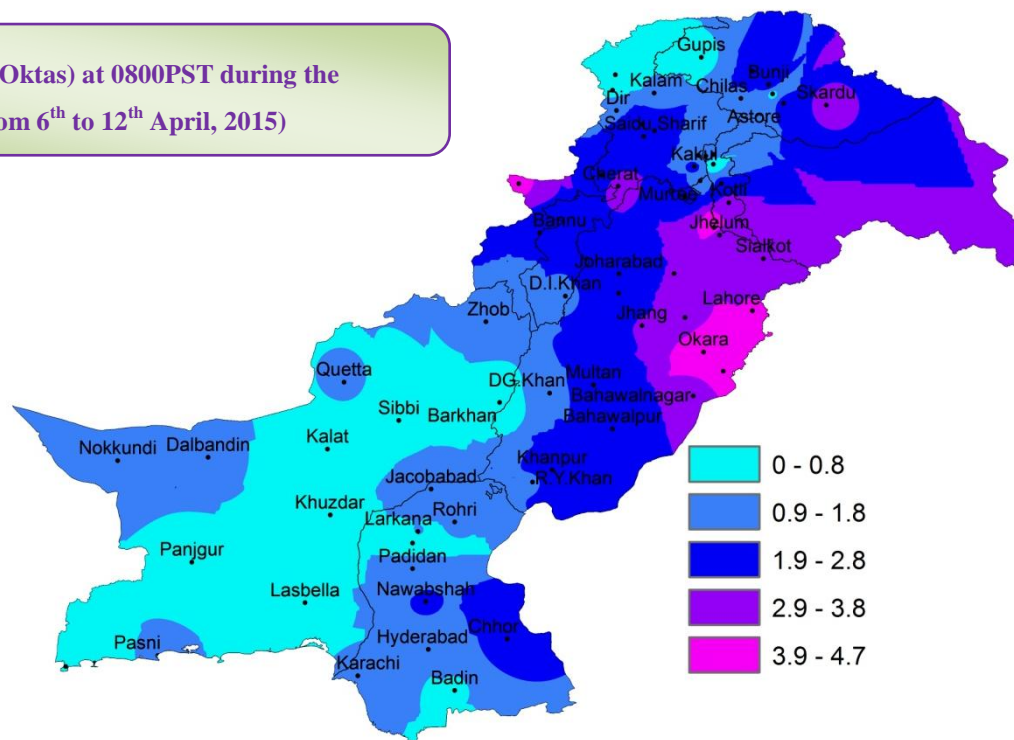
Mean Wind Speed (Knots) at 0800 PST during the
Previous week (From 6th to 12th April, 2015)



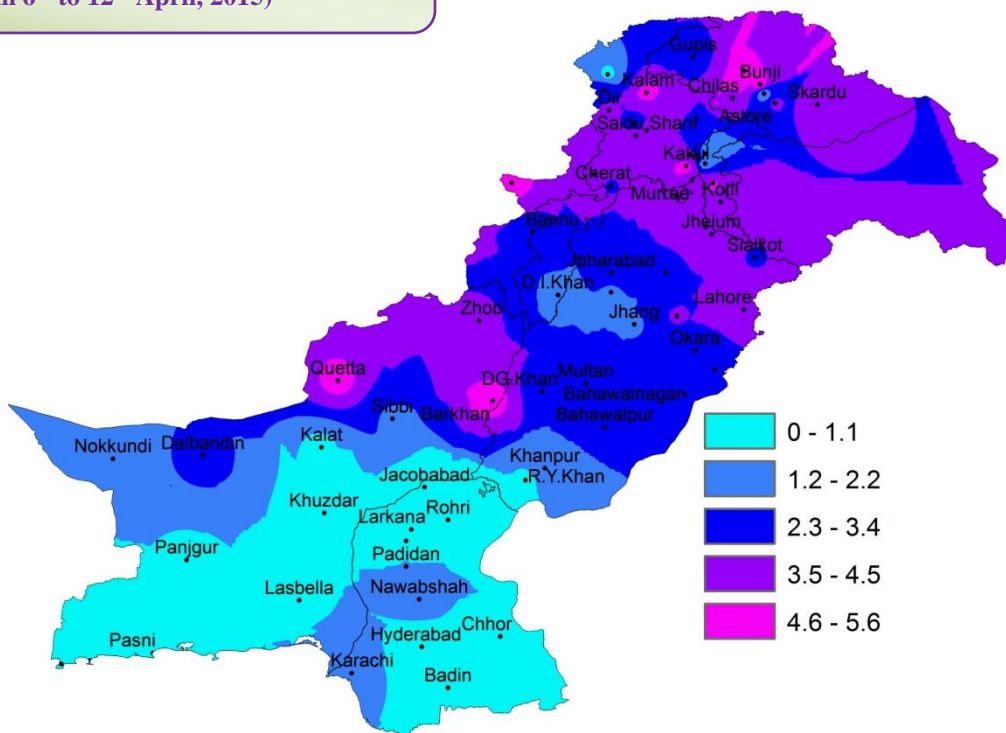
Mean Wind Speed (Knots) at 1700 PST during the
Previous week (From 6th to 12th April, 2015)



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (From 6th to 12th April, 2015)



Mean Cloudiness (Oktas) at 1700PST during the
Previous week (From 6th to 12th April, 2015)



Weekly Weather Advisory for Farmers**(From 13th to 19th April, 2015)**

Continental air is prevailing over most parts of the country. A fresh westerly wave is likely to affect upper parts of the country on Wednesday (evening/night).

MONDAY**13-04-2015**

Mainly hot and dry weather is expected in most parts of the country.

TUESDAY**14-04-2015**

Mainly hot and dry weather is expected in most parts of the country. Heat wave conditions are likely to prevail in Sindh, South Punjab and Southern parts of Balochistan.

WEDNESDAY**15-04-2015**

Mainly hot and dry weather is expected in most parts of the country. However rain-thundershower is expected at isolated places in Malakand, Hazara, Rawalpindi divisions, Gilgit-Baltistan and Kashmir. Heat wave condition are likely to prevail in Sindh, South Punjab and Southern parts of Balochistan.

THURSDAY**16-04-2015**

Mainly hot and dry weather is expected in most parts of the country. However rain-thundershower is expected at few places in Malakand, Hazara divisions, Gilgit-Baltistan and Kashmir. Heat wave

conditions are likely to prevail in Sindh, South Punjab and Southern parts of Balochistan.

FRIDAY**17-04-2015**

Mainly hot and dry weather is expected in most parts of the country.

SATURDAY**18-04-2015**

Mainly hot and dry weather is expected in most parts of the country.

.Advises for Crops

□ Wheat crop is in different maturity stages. Farmers are advised to irrigate the crops keeping the expected rain in the agricultural plains of the country.

□ Weeds are expected to shoot in excess after recent rains. Farmers should control weeds growth soon after rains.

□ Farmers are advised to control further weeds growth at the present growing stages to stop any negative impact over the crops. Weeds removing practices should be started soon after expected rains in the mentioned areas.

□ Farmers of upper half and northwest Balochistan should be careful about irrigation and spraying chemicals on the crops during or before expected rains during the week.

National Weather Data of Selected Cities
(Weekly Data From 6th to 12th April, 2015)

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	16.7	18.6	32.0	38	0.0	2.3	3.6	1.7	4.0
Badin	37.6	41.0	179.3	50	0.0	0.7	0.3	2.0	2.6
Bahawalnagar	32.4	36.0	143.8	59	21.0	3.1	2.4	2.0	0.9
Bahawalpur	33.1	36.1	145.6	54	14.6	1.9	2.7	0.6	3.4
Balakot	26.9	30.5	96.5	54	13.0	1.3	3.6	0.0	1.1
Bannu	30.1	33.0	114.0	57	3.3	1.9	2.9	0.6	3.1
Barkhan	27.7	30.5	109.3	42	8.0	0.0	4.9	0.3	2.6
Bunji	25.5	26.7	96.5	33	0.0	2.7	5.7	0.6	0.3
Cherat	21.9	23.5	80.5	53	0.0	3.1	3.3	3.1	3.1
Chhor	39.6	42.0	177.9	45	5.0	2.4	0.6	2.3	3.1
Chilas	28.2	30.8	116.1	28	0.0	1.6	4.3	0.9	2.6
Chitral	25.3	28.0	78.0	51	0.0	0.0	0.7	1.1	3.1
D.I.Khan	30.8	35.0	129.3	67	2.8	1.7	2.0	0.3	2.3
Dalbandin	33.9	36.0	135.8	26	0.0	1.1	2.6	1.7	3.4
DG.Khan	33.4	36.7	143.3	64	8.3	1.4	2.6	4.0	4.3
Dir	25.6	29.5	76.5	56	0.0	1.7	3.6	0.0	1.7
Drosh	25.0	27.5	74.0	30	0.0	0.6	3.3	0.6	12.3
Faisalabad	30.9	36.0	134.5	57	19.6	1.7	3.0	0.8	1.1
Garidopatta	28.4	31.0	104.5	59	0.0	0.0	2.0	0.0	0.0
Gawader	33.6	36.0	150.3	68	0.0	0.4	0.3	0.0	9.0

Gilgit	26.6	29.0	84.3	34	0.0	2.1	4.9	0.9	2.6
Gupis	20.9	23.5	64.0	29	0.0	0.4	2.7	2.9	2.3
Hyderabad	37.3	40.5	183.4	36	0.0	0.9	0.0	4.0	4.6
Islamabad	28.1	32.0	112.4	65	2.7	2.1	4.0	0.6	1.4
Jacobabad	35.4	39.0	158.3	50	8.0	1.7	0.6	2.3	0.9
Jhang	30.9	34.0	131.8	70	8.0	2.9	2.1	0.3	0.9
Jhelum	29.9	33.5	128.8	64	3.8	3.0	4.0	0.0	1.1
Jiwani	32.5	35.3	158.7	67	0.0	0.0	0.6	1.4	6.6
Joharabad	30.9	33.7	131.6	70	2.2	2.3	2.6	0.6	1.4
Kakul	23.8	27.5	81.0	63	3.0	2.0	4.9	0.0	2.0
Kalam	19.9	23.0	47.8	53	0.0	1.0	4.7	0.0	0.9
Kalat	24.0	26.0	65.5	43	0.0	0.0	0.9	0.6	0.6
Karachi	36.3	39.0	182.5	56	0.0	1.0	2.0	3.0	8.6
Khanpur	33.7	37.8	151.5	58	0.0	2.4	1.7	1.4	0.6
Khuzdar	27.9	29.0	121.3	16	0.0	0.0	0.6	0.0	2.6
Kotli	27.5	31.7	114.4	64	15.0	3.1	4.3	1.9	1.7
Lahore	29.4	33.5	132.5	56	0.7	3.9	4.1	1.1	2.6
Larkana	36.2	41.5	171.0	48	0.1	0.9	0.6	2.9	2.9
Lasbella	39.1	40.5	167.8	45	0.1	0.0	0.9	0.3	6.3
Lower Dir	29.5	32.0	108.9	60	6.0	2.6	2.9	0.3	1.4
M.B Din	30.3	34.0	132.9	68	0.1	2.9	2.9	0.6	1.1
Malam Jabba	13.5	18.5	27.8	57	3.0	2.4	3.6	0.0	0.0
Mangla	29.9	33.5	126.6	66	9.0	4.6	4.3	1.7	2.6
Mir Khani	25.4	26.5	96.1	45	0.0	0.3	0.9	0.0	3.7
Moinjodaro	36.4	40.0	164.0	45	0.1	0.3	1.0	3.1	5.7
Multan	32.0	35.3	143.3	57	2.2	2.4	3.1	3.1	5.7

Murree	18.0	21.0	58.0	59	5.8	1.4	4.1	2.0	1.1
Muzaffarabad	29.9	34.0	112.5	55	6.0	1.4	3.3	0.0	0.3
Nawabshah	38.0	41.5	175.7	44	3.0	2.0	1.9	4.6	4.0
Nokkundi	34.8	38.5	141.0	13	0.0	1.1	1.5	2.0	6.3
Noorpurthal	31.4	35.0	134.6	71	0.0	2.1	2.1	0.0	0.6
Okara	30.5	34.2	132.1	67	15.5	4.7	3.0	1.1	3.1
Padidan	36.9	40.5	170.0	47	0.0	1.3	1.1	2.1	3.1
Panjgur	32.0	33.0	136.8	36	0.0	0.4	0.9	3.7	9.4
Parachinar	17.1	18.7	***	72	7.0	4.0	4.9	3.0	3.3
Pasni	33.4	35.5	152.0	67	0.0	1.0	0.4	0.6	10.0
Peshawar	29.8	33.0	126.3	66	0.0	2.3	3.9	0.9	2.0
Quetta	23.8	25.5	83.2	33	1.4	0.3	3.3	2.4	3.6
R.Y.Khan	35.4	39.2	157.7	54	1.3	1.7	0.9	4.6	2.6
Rawalakot	19.9	24.0	56.2	86	16.1	2.1	4.6	0.0	1.7
Rohri	35.1	39.0	163.3	46	26.0	0.9	0.0	2.6	1.1
Rawalpindi	28.6	31.2	122.1	60	5.0	1.0	1.4	0.1	0.3
Sahiwal	30.6	34.0	128.2	67	15.1	4.1	2.9	0.9	3.4
Saidu Sharif	25.9	29.0	98.0	63	18.0	2.6	4.0	0.0	0.0
Sialkot	28.2	32.7	124.4	68	46.9	3.0	3.3	0.3	0.9
Sibbi	35.7	38.0	168.3	39	0.0	0.0	2.1	0.3	5.4
Skardu	19.5	21.6	51.2	37	0.0	3.3	4.3	1.1	2.9
Tandojam	38.1	40.5	171.0	49	0.1	0.0	0.0	0.5	0.9
Usta.M	35.1	38.0	152.9	57	3.4	2.1	1.9	1.7	4.9
Zhob	25.7	29.0	98.8	61	6.0	1.3	3.6	5.6	5.6

**** "Shows the data is not available."