

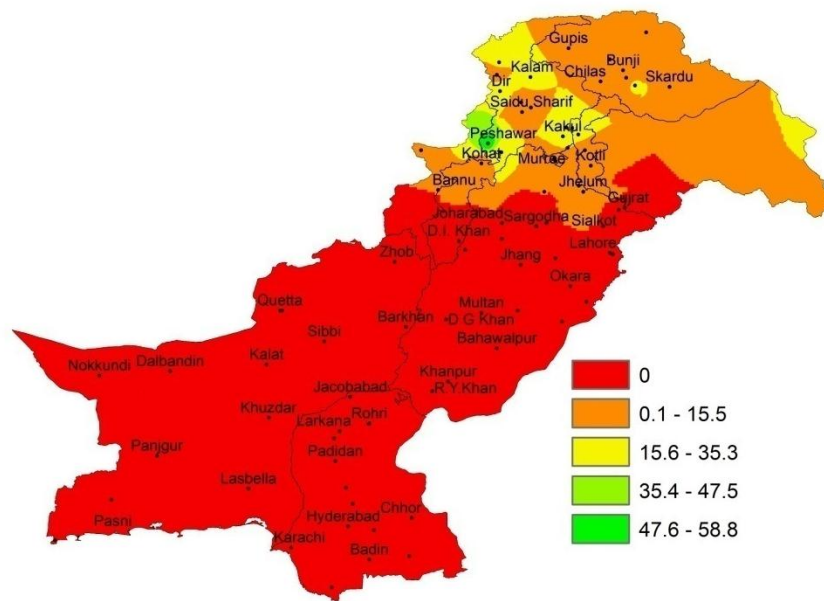
Weekly Weather and Crop Bulletin for Pakistan

**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 20th to 26th 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 20th to 26th April, 2015)

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

Past Weather of Provinces (From 20th to 26th**April, 2015)****Punjab**

Light to Moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 37.6°C & 20.6°C respectively. For the present season average 168.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 45% and wind speed in the morning/evening 1.4/2.6Knots. During the previous week the highest amount of rainfall was recorded 15.0mm at Murree & Highest maximum temperature was recorded 44.2°C at R.Y.Khan.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 41.6°C & 24.3°C respectively. For the present season average 197.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 39% and wind speed in the morning/evening recorded 3.3/5.7Knots. During the previous week highest maximum temperature recorded 46.5°C at Nawabshah.

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 27.1°C & 11.0°C respectively. For the present season average 98.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 47% and wind speed in the morning/evening recorded 0.9/1.8Knots. During the previous week the highest amount of rainfall was recorded 20.1mm at Muzaffarabad & Highest maximum temperature recorded 36.5°C at Muzaffarabad.

Balochistan

Dry weather was reported in Balochistan during the week. Weekly maximum and minimum temperatures recorded 35.5°C & 19.0°C respectively. For the present season average 156.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 36% and wind speed in the morning/evening recorded 1.2/7.3Knots. During the previous week highest maximum temperature recorded 47.0°C at Sibbi.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 29.5°C & 13.4°C respectively. For the present season average 114.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 0.8/1.8Knots. During the previous week the highest amount of rainfall was recorded 59.0mm at Peshawar & Highest maximum temperature recorded 41.0°C at D.I.Khan.

Past Weather for Major Agricultural Plains (From 20th to 26th April, 2015)

Rawalpindi (Potohar region)

Rainfall reported as 8.2mm during the week; however cloudiness in the morning/evening recorded 0.2/2.5Oktas while, average relative humidity observed as 52%.Mean day time temperature recorded 33.1°C & for the present season 143.7 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 2.4/0.0Oktas while, average relative humidity observed as 34%.Mean day time temperature recorded 39.2°C & for the present season 181.3 growing degree days accumulated by the end of last week. Calm wind speed recorded in the morning/evening.

Quetta (Northern Balochistan)

Rainfall reported as 1.2mm during the week; however cloudiness in the morning/evening recorded 0.0/0.3Oktas while, average relative humidity observed as 17%.Mean day time temperature recorded 28.6°C & for the present season 115.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/3.9 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 33%.Mean day time temperature recorded 44.2°C & for the present season 195.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/2.1Knots.

Tandojam (Lower Singh)

Dry weather was reported 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 41.4°C & for the present season 194.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.6/1.2Knots.

Past Weather for Sub-Regional Agricultural Plains (From 20th to 26th April, 2015)

Multan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 31%.Mean day time temperature recorded 40.3°C & for the present season 187.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/3.1Knots.

Rohri

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 30%.Mean day time temperature recorded 42.6°C & for the present season 209.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/2.9Knots.

Lahore

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/1.3Oktas while, average relative humidity observed as 37%.Mean day time temperature recorded 38.4°C & for the present season 179.0growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.6/5.1Knots.

Zhob

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/1.0Oktas while, average relative humidity observed as 20%.Mean day time temperature recorded 32.1°C & for the present season 134.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.6/7.3Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 46%.Mean day time temperature recorded 39.3°C & for the present season 172.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/1.4Knots.

Peshawar

Rainfall reported as 59.0mm during the week; however cloudiness in the morning/evening recorded 0.4/1.0Oktas while, average relative humidity observed as 52%.Mean day time temperature recorded 35.8°C & for the present season 153.3growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.0Knots.

Murree

Rainfall reported as 15.0mm during the week; however cloudiness in the morning/evening recorded 1.1/0.6Oktas while, average relative humidity observed as 52%.Mean day time temperature recorded 22.9°C & for the present season 91.3growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.6/0.6Knots.

Kalam

Rainfall reported as 27.0mm during the week; however cloudiness in the morning/evening recorded 2.0/2.1Oktas while, average relative humidity observed as 45%.Mean day time temperature recorded 22.7°C & for the present season 60.6 growing degree days accumulated by the end of last week. Clam wind speed recorded in the morning/evening.

Gilgit

Rainfall reported as 1.9mm reported during the week; however cloudiness in the morning/evening recorded 3.3/3.0Oktas while, average relative humidity observed as 44%.Mean day time temperature recorded 29.0°C & for the present season 99.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.7Knots.

Skardu

Rainfall reported as 14.8mm reported during the week; however cloudiness in the morning/evening recorded 2.6/3.7 Oktas while, average relative humidity observed as 47%.Mean day time temperature recorded 29.0°C & for the present season 99.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.3/2.3 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 *Full Maturity* completed.

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.

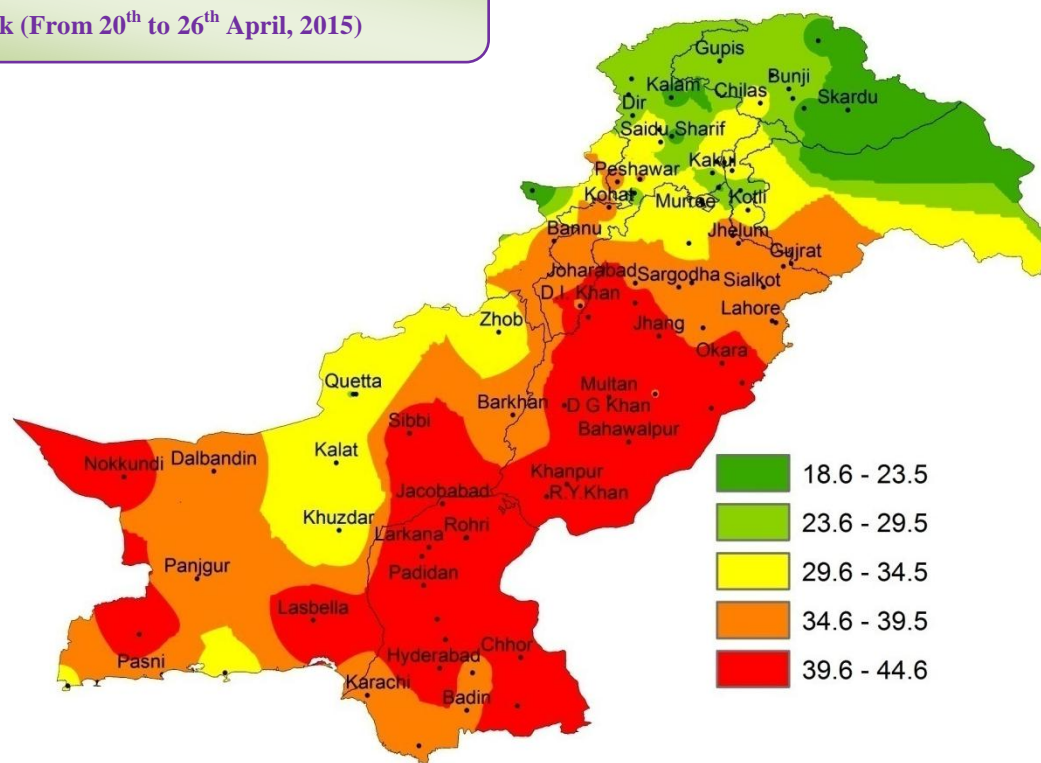
Wheat: Good condition at *Flowering* stage.

Eastern Balochistan (Usta Muhammad)

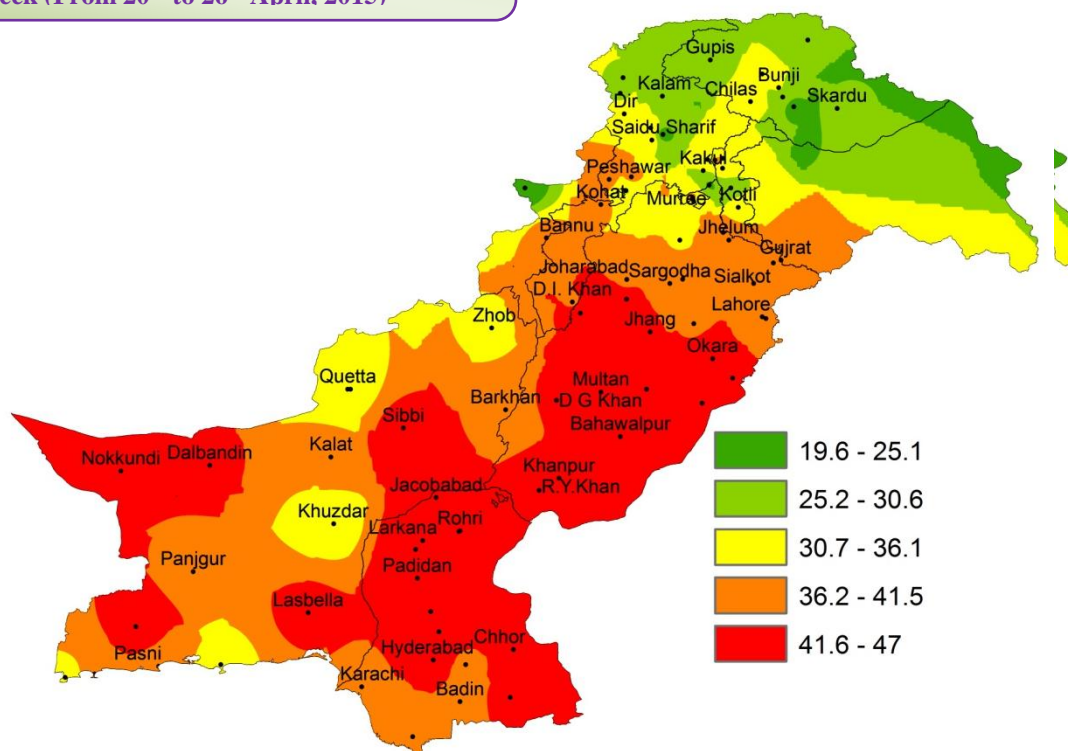
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Wheat: Good condition at *Thrashing* stage.

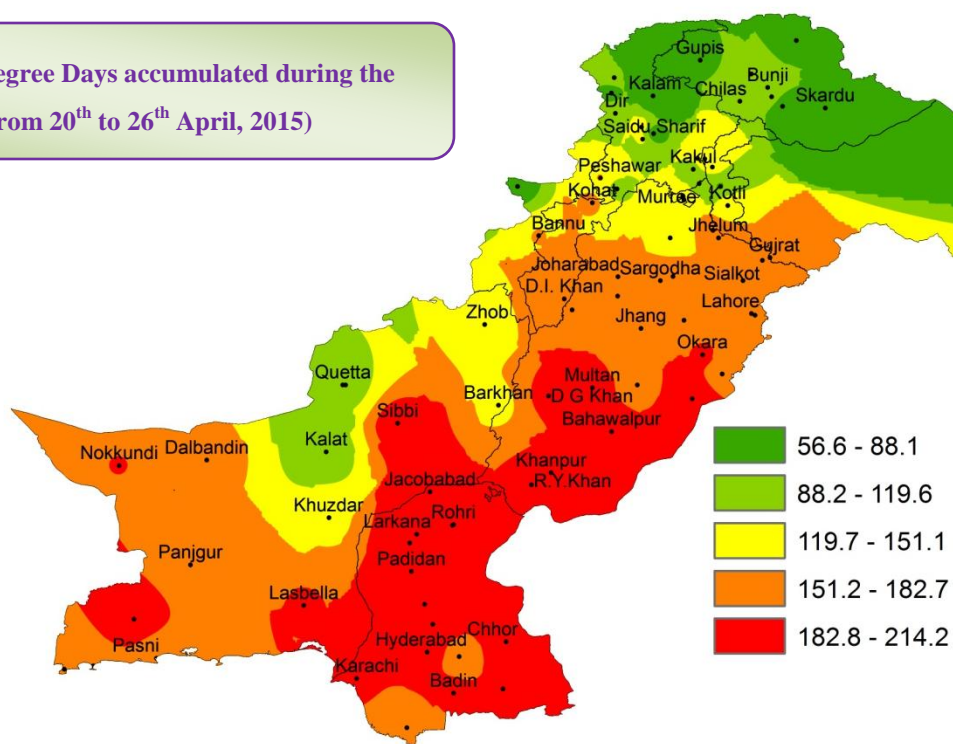
Mean Maximum Temperature (°C) during the
Previous week (From 20th to 26th April, 2015)



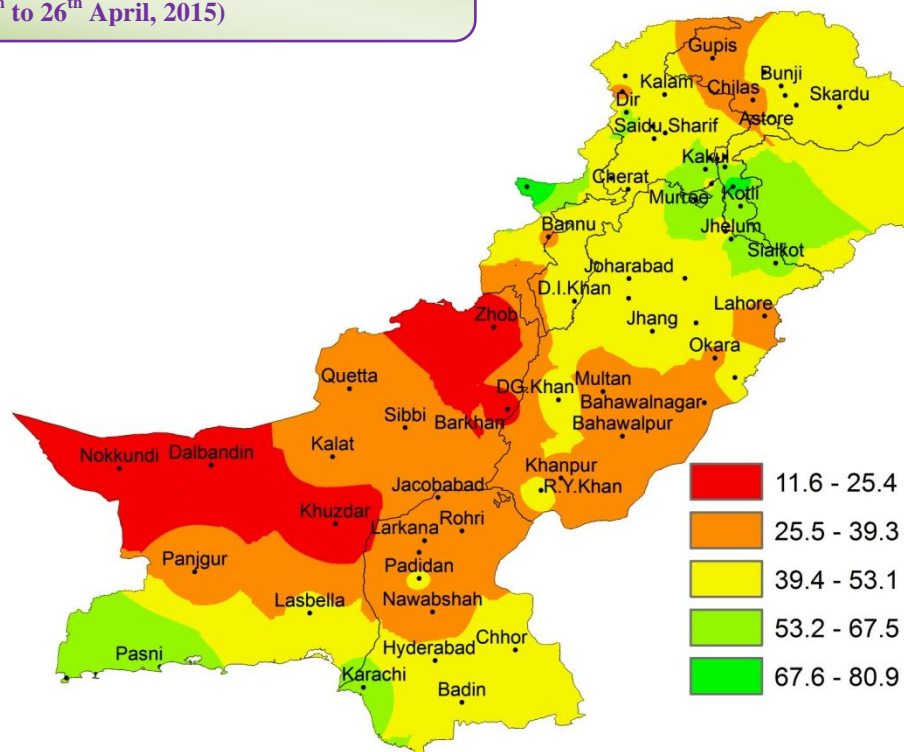
Highest Maximum Temperature (°C) during the
Previous week (From 20th to 26th April, 2015)



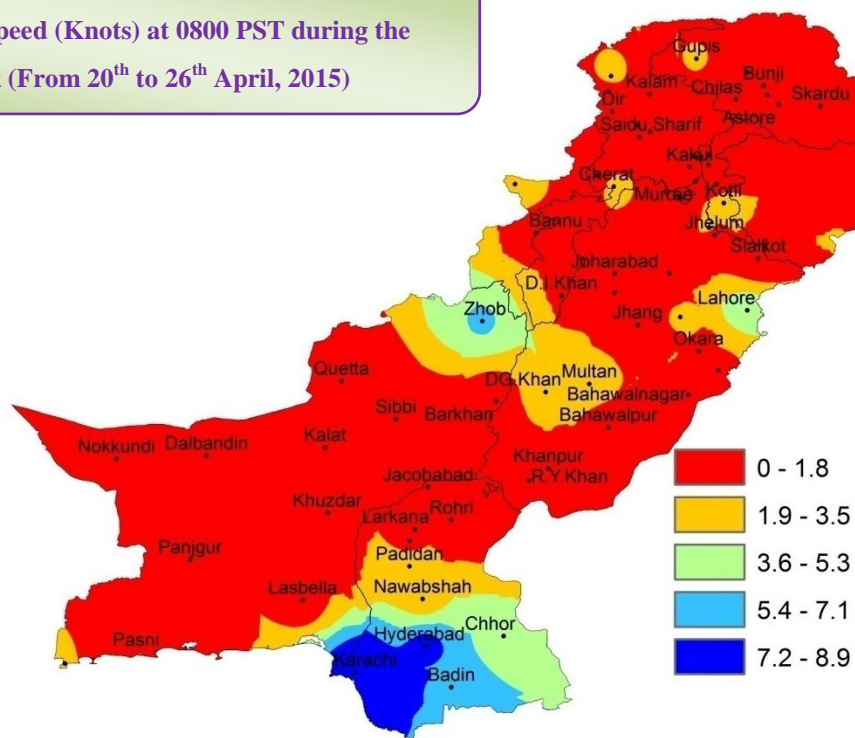
Total Growing Degree Days accumulated during the
Previous week (From 20th to 26th April, 2015)



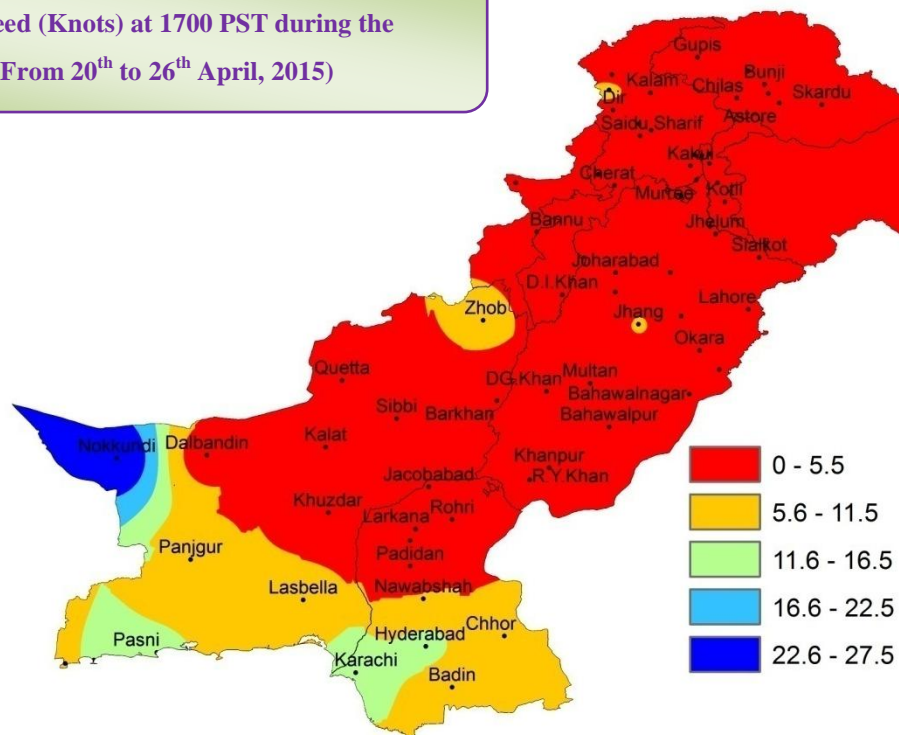
Mean Relative Humidity (%) during the Previous
week (From 20th to 26th April, 2015)



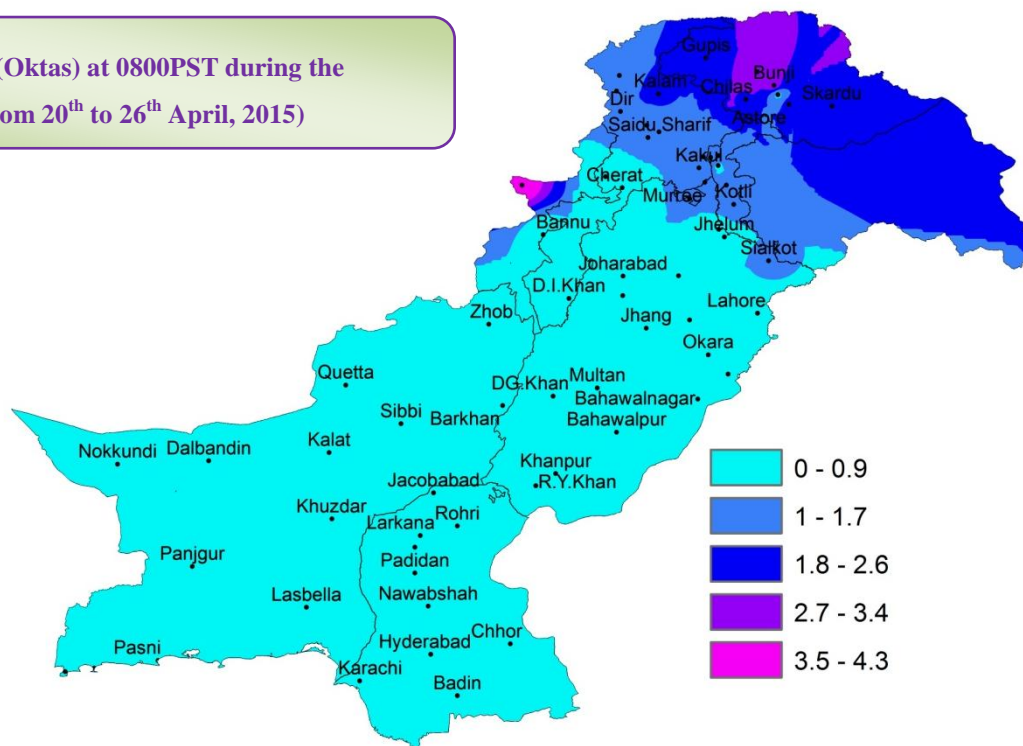
Mean Wind Speed (Knots) at 0800 PST during the
Previous week (From 20th to 26th April, 2015)



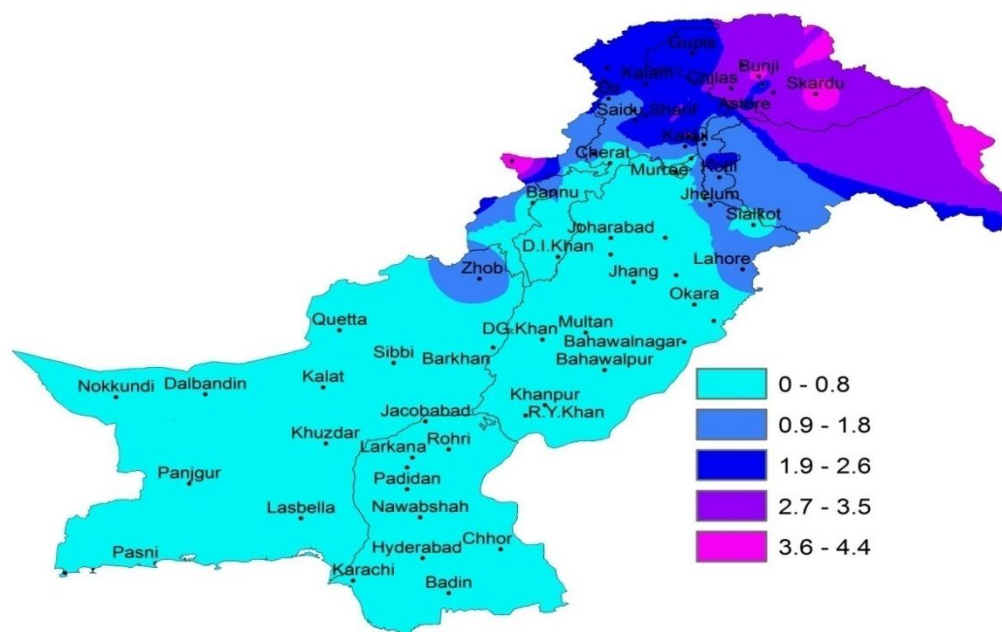
Mean Wind Speed (Knots) at 1700 PST during the
Previous week (From 20th to 26th April, 2015)



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (From 20th to 26th April, 2015)



Mean Cloudiness (Oktas) at 1700PST during the
Previous week (From 20th to 26th April, 2015)



Weekly Weather Advisory for Farmers**(From 27th April to 3rd May, 2015)**

A westerly wave is affecting upper parts of the country and likely to move northeastwards during next 12-18 hours. Continental air would prevail over most parts of the country during next two days, however a fresh shallow westerly weather system is likely to enter upper parts of the country on Wednesday (evening/night) and likely to persist till Thursday.

MONDAY**27-04-2015**

More rain-thundershower associated with gusty winds/dust-storm is expected at scattered places in Malakand, Hazara, Rawalpindi divisions, Islamabad, Kashmir, Gilgit-Baltistan, while, at isolated places in Peshawar, Mardan, Gujranwala and Lahore divisions. Very hot and dry weather is expected in other parts of the country.

TUESDAY**28-04-2015**

Mainly hot and dry weather is expected in most parts of the country. However rain-thunderstorm is expected at isolated places in Kashmir and its adjoining hilly areas.

WEDNESDAY**29-04-2015**

Mainly hot and dry weather is expected in most parts of the country; however rain-thundershower is expected at isolated places in Malakand, Hazara, Peshawar, Mardan, Kohat, Rawalpindi divisions, Islamabad, Gilgit-Baltistan, and Kashmir during evening/night.

THURSDAY**30-04-2015**

Rain/dust-thundershower is expected at scattered places in upper KP (Malakand, Hazara, Peshawar, Kohat, Mardan divisions), upper FATA, Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha divisions), Kashmir and Gilgit-Baltistan. Very hot and dry weather conditions would continue in Sindh, Balochistan and south Punjab.

FRIDAY**01-05-2015**

Mainly hot and dry weather is expected in most parts of the country. However rain-thundershower is expected at isolated places in Kashmir and its adjoining hilly areas.

SATURDAY**02-05-2015**

Mainly hot and dry weather is expected in most parts of the country. However rain-thundershower is expected at isolated places in Kashmir and its adjoining hilly areas.

SUNDAY**03-04-2015**

Mainly hot and dry weather is expected in most parts of the country. However rain-thundershower is expected at one or two places in Kashmir and its adjoining hilly areas.

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 20th to 26th 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	21.1	23.0	55.9	41.7	19.1	2.0	3.6	1.4	4.3
Badin	39.3	40.5	188.2	51.1	0	0.6	0.0	6.6	7.7
Bahawalnagar	41.0	43.7	194.0	33.8	0	0.0	0.7	1.7	1.7
Bahawalpur	40.8	43.4	190.6	36.0	0	0.0	0.0	0.0	0.0
Balakot	31.0	32.5	121.1	53.4	22.5	1.0	2.9	0.3	0.3
Bannu	37.1	39.5	152.7	37.9	0	0.0	0.4	0.9	2.6
Barkhan	34.5	36.5	141.6	23.1	0	0.0	0.0	0.0	1.0
Bunji	28.5	31.2	109.3	39.2	6.4	3.4	4.4	0.9	0.3
Cherat	27.0	30.0	106.0	46.9	19	0.0	0.0	2.6	3.1
Chhor	42.3	42.8	195.0	47.6	0	0.6	0.0	3.7	6.9
Chilas	30.2	33.5	118.4	34.3	6.2	2.4	2.9	0.0	1.7
Chitral	27.7	30.5	90.4	49.5	19	1.4	2.4	2.9	1.1
D.I.Khan	39.3	41.0	172.3	46.0	0	0.0	0.0	1.7	1.4
Dalbandin	39.1	43.0	169.8	17.6	0	0.0	0.0	0.6	2.6
DG.Khan	41.5	43.4	192.9	46.2	0	0.0	0.0	3.4	3.1
Dir	29.1	33.0	91.8	54.7	33	1.6	1.7	0.0	2.0
Drosh	27.1	29.9	86.0	32.5	5.2	1.4	2.4	0.0	8.6
Faisalabad	39.2	42.5	181.3	34.0	0	2.4	0.0	0.0	0.0
Garidopatta	33.4	35.5	132.8	61.1	20	0.7	1.3	0.0	0.0

Gawader	36.1	37.0	170.8	64.9	0	0.0	0.0	0.0	12.7
Gilgit	29.0	32.5	99.5	44.3	1.9	3.3	3.0	0.0	2.7
Gupis	24.1	26.5	76.9	31.2	2	1.7	2.0	2.0	2.9
Hyderabad	42.1	43.5	194.2	41.9	0	0.3	0.0	7.7	13.4
Islamabad	33.7	37.0	137.9	57.7	5	1.0	0.6	0.0	2.6
Jacobabad	43.6	46.0	205.6	30.3	0	0.0	0.0	0.0	0.9
Jhang	40.2	42.0	175.7	44.4	0	0.0	0.6	0.3	5.7
Jhelum	35.7	37.5	158.6	53.9	0.4	0.4	1.0	1.1	2.3
Jiwani	33.4	34.5	165.1	65.1	0	0.9	0.0	3.1	9.7
Joharabad	39.2	40.7	170.5	45.4	0	0.0	0.0	0.6	1.4
Kakul	28.2	30.5	111.8	55.6	28	0.9	1.4	0.0	1.4
Kalam	22.7	26.5	60.6	45.4	27	2.0	2.1	0.0	0.0
Kalat	29.9	39.5	91.7	32.1	0	0.0	0.0	0.0	0.0
Karachi	37.1	39.0	185.7	57.4	0	0.3	0.0	8.9	12.9
Khanpur	42.0	43.7	192.0	37.3	0	0.3	0.0	0.6	1.4
Khuzdar	29.8	31.0	137.9	15.4	0	0.0	0.0	0.0	0.0
Kotli	32.7	34.4	144.2	56.7	0	1.6	1.6	2.9	2.0
Lahore	38.4	40.0	179.0	36.8	0	0.0	1.3	4.6	5.1
Larkana	44.2	46.0	214.2	32.4	0	0.0	0.0	1.7	2.9
Lasbella	42.6	44.0	185.2	41.1	0	0.0	0.0	0.9	8.9
Lower Dir	32.7	36.0	133.6	51.9	2	1.3	1.1	1.1	1.1
M.B Din	35.3	38.0	158.0	50.4	0	0.3	0.0	0.9	1.7
Malam Jabba	19.4	21.0	62.3	45.4	9	1.0	2.6	0.0	0.0
Mangla	35.8	37.5	153.6	51.4	0	0.6	0.7	2.0	3.7
Mir Khani	25.9	27.5	109.6	48.2	4	0.5	1.4	0.0	1.6
Moinjodaro	44.1	46.5	198.1	32.1	0	0.0	0.0	1.4	3.1

Multan	40.3	42.5	187.5	30.8	0	0.0	0.0	3.1	3.1
Murree	22.9	24.2	91.3	51.6	15	1.1	0.6	1.6	0.6
Muzaffarabad	34.4	36.5	135.7	52.3	20.1	1.6	2.6	1.3	0.0
Nawabshah	44.6	46.5	200.1	33.4	0	0.0	0.0	2.6	5.6
Nokkundi	39.8	43.5	182.9	11.6	0	0.0	0.3	1.7	27.6
Noorpurthal	41.0	43.5	179.1	50.3	0	0.0	0.0	0.6	0.6
Okara	40.7	43.5	184.8	38.1	0	0.0	0.0	1.7	2.6
Padidan	43.7	45.5	205.0	41.1	0	0.0	0.0	2.6	3.1
Panjgur	37.4	39.0	162.3	33.2	0	0.0	0.3	0.9	9.1
Parachinar	18.5	19.6	62.0	80.9	0	4.3	4.4	3.0	3.0
Pasni	35.3	39.0	161.2	66.1	0	0.0	0.0	0.6	11.7
Pattan	33.6	36.0	***	36.9	14.2	1.3	0.6	0.4	2.1
Peshawar	35.8	38.0	153.3	51.5	59	0.4	1.0	0.0	2.0
Quetta	28.6	33.5	115.4	17.0	1.2	0.0	0.3	3.1	3.9
R.Y.Khan	42.9	44.2	192.9	40.6	0	0.0	0.0	1.1	4.6
Rawalakot	25.4	26.5	85.4	75.2	6.3	1.0	2.1	0.3	1.7
Rohri	42.6	44.0	209.4	29.7	0	0.0	0.0	0.9	2.9
Rawalpindi	33.1	35.0	143.7	52.0	8.2	0.2	0.5	0.3	0.9
Sahiwal	39.7	42.8	175.6	43.6	0	0.0	0.0	1.1	2.0
Saidu Sharif	31.3	33.5	124.5	52.0	10.5	1.1	1.9	0.3	0.3
Sialkot	35.7	37.2	160.5	55.1	0	1.1	0.7	0.3	1.7
Sibbi	44.1	47.0	211.6	27.9	0	0.0	0.0	0.3	1.1
Skardu	21.3	25.6	60.3	46.6	14.8	2.6	3.7	0.3	2.3
Tandojam	41.4	44.0	194.0	49.0	0	0.0	0.0	0.6	1.2
Usta.M	44.2	47.0	195.0	33.0	0	0.0	0.0	2.3	2.1
Zhob	32.1	34.5	134.4	20.1	0	0.0	1.1	5.6	7.3

*** Shows the data is not available.