

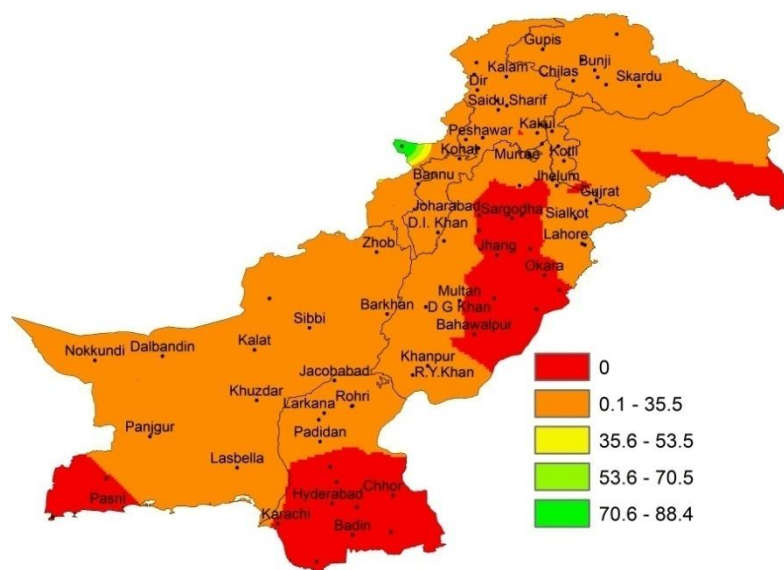
Weekly Weather and Crop Bulletin for Pakistan

**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 4th to 10th May, 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 4th to 10th May, 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 many places in Balochistan, Khyber Pakhtunkhwa and Gilgit-Baltistan & Kashmir regions.
- Light rainfall reported at few places in Punjab and Sindh.

Past Weather of Provinces (From 4th to 10th May, 2015)

Punjab

Light rainfall reported at few places in Punjab during the week. Weekly maximum and minimum temperatures recorded 40.4°C & 23.4°C respectively. For the present season average 186.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 39% and wind speed in the morning/evening 1.6/2.6 Knots. During the previous week the highest amount of rainfall was recorded 1.8mm at Lahore & highest maximum temperature was recorded 45.8°C at R.Y.Khan.

Sindh

Light rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 41.5°C & 25.5°C respectively. For the present season average 202.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 43% and wind speed in the morning/evening recorded 3.2/6.5 Knots. During the previous week the highest amount of rainfall was recorded 6.1mm at Rohri & highest maximum temperature was recorded 47.0°C at Larkana.

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 30.5°C & 14.0°C respectively. For the present season average 117.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 41% and wind speed in the morning/evening recorded 1.1/1.9 Knots. During the previous week the highest amount of rainfall was recorded 12.0mm at Garhi Dopatta & highest maximum temperature was recorded 39.1°C at Muzaffarabad.

Balochistan

Light to moderate rainfall reported at many places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 36.6°C & 21.8°C respectively. For the present season average 162.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 42% and wind speed in the morning/evening recorded 1.0/5.1 Knots. During the previous week the highest amount of rainfall was recorded 23.0mm at Lesbela & highest maximum temperature was recorded 46.0°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 32.5°C & 16.7°C respectively. For the present season average 129.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 0.8/2.9 Knots. During the previous week the highest amount of rainfall was recorded 88.9mm at Parachinar & highest maximum temperature was recorded 43.5°C at D.I.Khan.

**Past Weather for Major Agricultural Plains
(From 4th to 10th May, 2015)****Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.8/0.8 Oktas while, average relative humidity observed as 42%. Mean day time temperature recorded 37.4°C & for the present season 137.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.2 Knots.

Faisalabad (Central Punjab)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.6/2.1 Oktas while, average relative humidity observed as 28%. Mean day time temperature recorded 42.0°C & for the present season 199.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/0.8 Knots.

Quetta (Northern Balochistan)

Rainfall reported as 2.1mm during the week; however cloudiness in the morning/evening recorded 2.4/5.7 Oktas while, average relative humidity observed as 26%. Mean day time temperature recorded 30.6°C & for the present season 131.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/3.3 Knots.

Usta Muhammad (Eastern Balochistan)

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 25%. Mean day time temperature recorded 44.8°C & for the present season 203.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.5/2.5 Knots.

Tandojam (Lower Singh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/2.3 Oktas while average relative humidity observed as 62%. Mean day time temperature recorded 39.9°C & for the present season 188.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.9/2.0 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 4th to 10th May, 2015)****Multan**

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 30%. Mean day time temperature recorded 42.7.0°C & for the present season 207.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/9.3 Knots.

Rohri

Rainfall reported as 6.1mm during the week; however cloudiness in the morning/evening recorded 1.7/3.3 Oktas while, average relative humidity observed as 31%. Mean day time temperature recorded 43.0°C & for the present season 213.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.7 Knots.

Lahore

Rainfall reported as 1.8mm during the week; however cloudiness in the morning/evening recorded 0.9/0.7 Oktas while, average relative humidity observed as 29%. Mean day time temperature recorded 41.0°C & for the present season 198.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/2.7 Knots.

Zhob

Rainfall reported as 7.0mm during the week; however cloudiness in the morning/evening recorded 1.4/5.3 Oktas while, average relative humidity observed as 25%. Mean day time temperature recorded 33.9°C & for the present season 149.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/5.7 Knots.

D.I. Khan

Rainfall reported as 0.1mm (Trace, not measurable) during the week; however cloudiness in the morning/evening recorded 0.0/0.5 Oktas while, average relative humidity observed as 39%. Mean day time temperature recorded 41.5°C & for the present season 192.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/2.0 Knots.

Peshawar

Rainfall reported as 0.1mm (Trace, not measurable) during the week; however cloudiness in the morning/evening recorded 0.4/5.2 Oktas while, average relative humidity observed as 51%. Mean day time temperature recorded 36.7°C & for the present season 171.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.7 Knots.

Murree

Rainfall reported as 0.1mm (Trace, not measurable) during the week; however cloudiness in the morning/evening recorded 0.0/1.7 Oktas while, average relative humidity observed as 43%. Mean day time temperature recorded 25.3°C & for the present season 102.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/1.3 Knots.

Kalam

Rainfall reported as 7.0mm during the week; however cloudiness in the morning/evening recorded 0.9/3.8 Oktas while, average relative humidity observed as 46%. Mean day time temperature recorded 25.6°C & for the present season 84.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.7 Knots.

Gilgit

Rainfall reported as 0.1mm (Trace, not measurable) during the week; however cloudiness in the morning/evening recorded 1.3/6.5 Oktas while, average relative humidity observed as 37%. Mean day time temperature recorded 32.3°C & for the present season 123.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.0 Knots.

Skardu

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/4.3 Oktas while, average relative humidity observed as 31%. Mean day time temperature recorded 26.5°C & for the present season 68.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.3 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 *Wax Maturity* stage.

Central Punjab (Faisalabad)

There is presently no crop grown in the fields RAMC Faisalabad.

Lower Sindh (Tandojam)

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

Cotton: Good condition at *Germination* stage.

Northern Balochistan (Quetta)

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

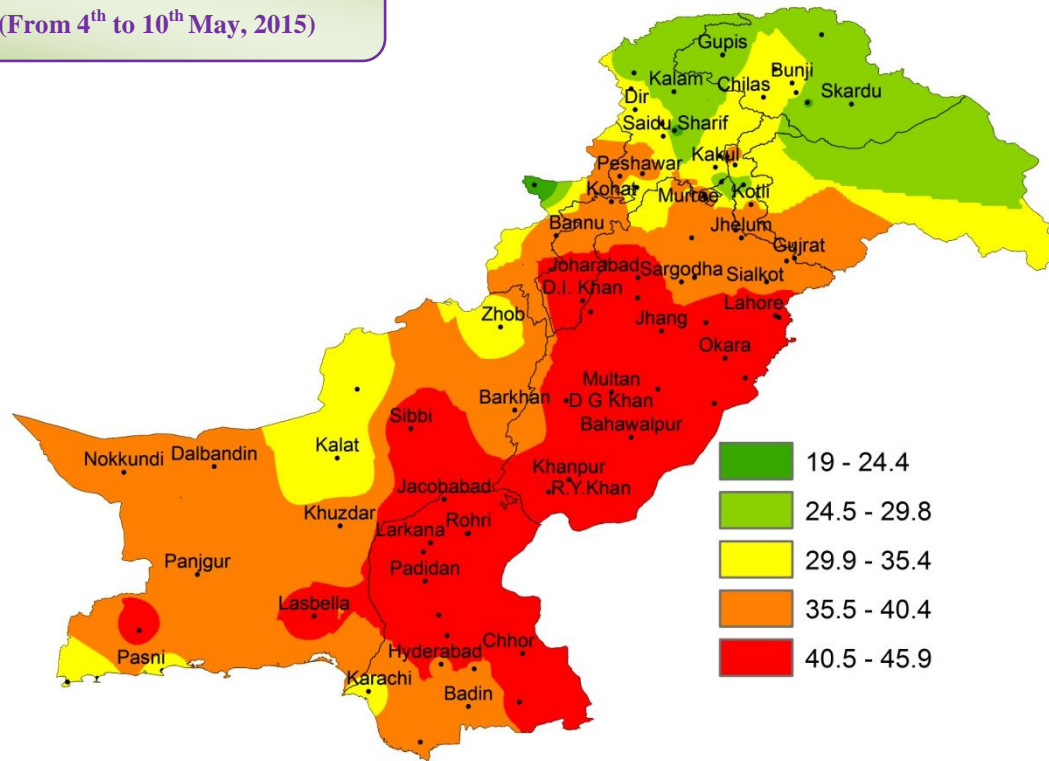
Wheat: Good condition at *Wax Maturity* stage.

Eastern Balochistan (Usta Muhammad)

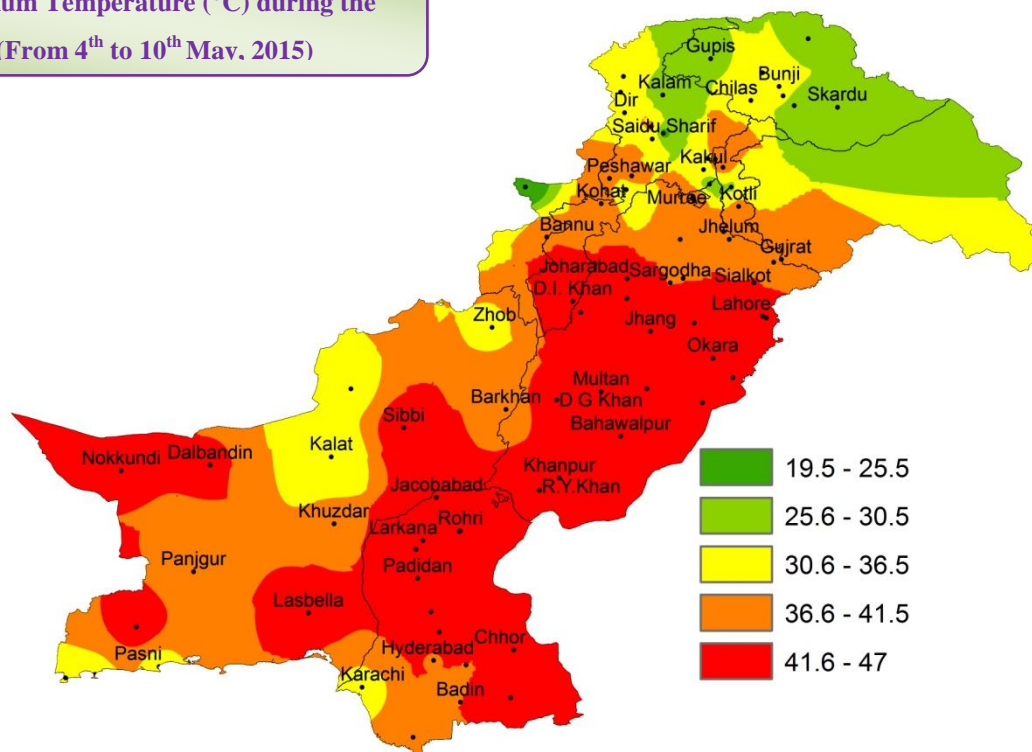
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Germination* stage.

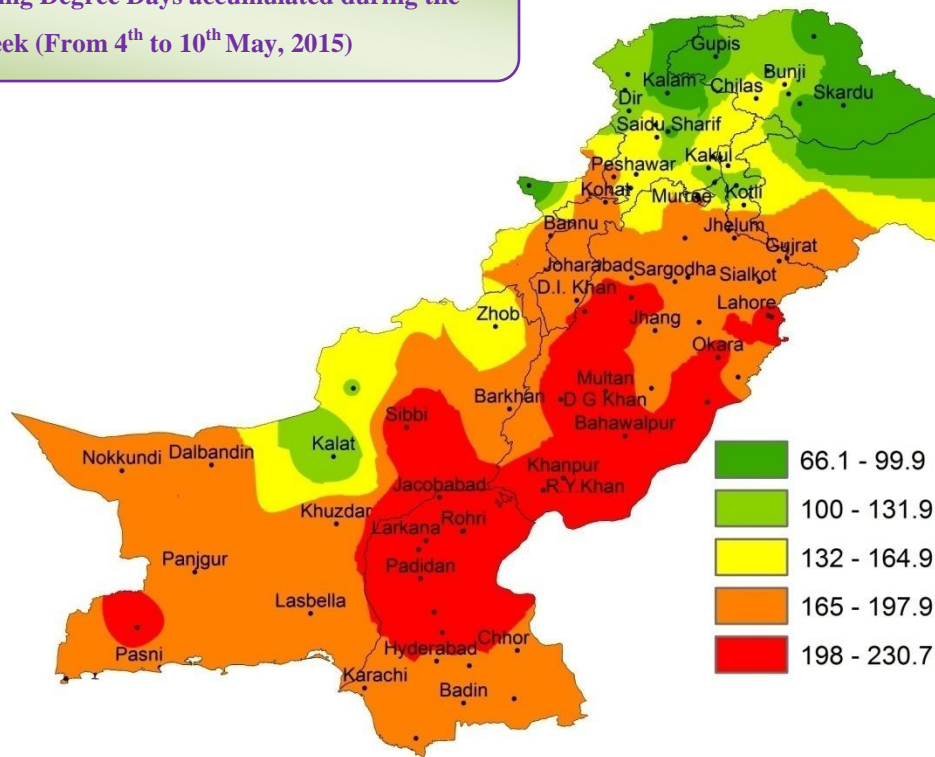
Mean Maximum Temperature (°C) during the
Previous week (From 4th to 10th May, 2015)



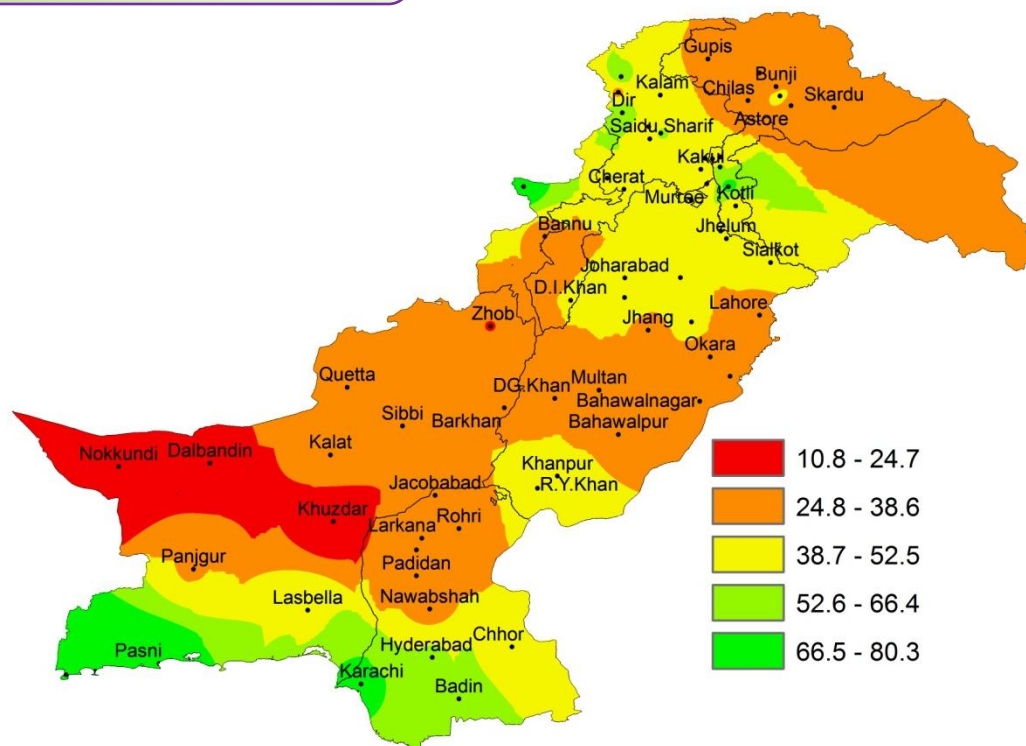
Highest Maximum Temperature (°C) during the
Previous week (From 4th to 10th May, 2015)



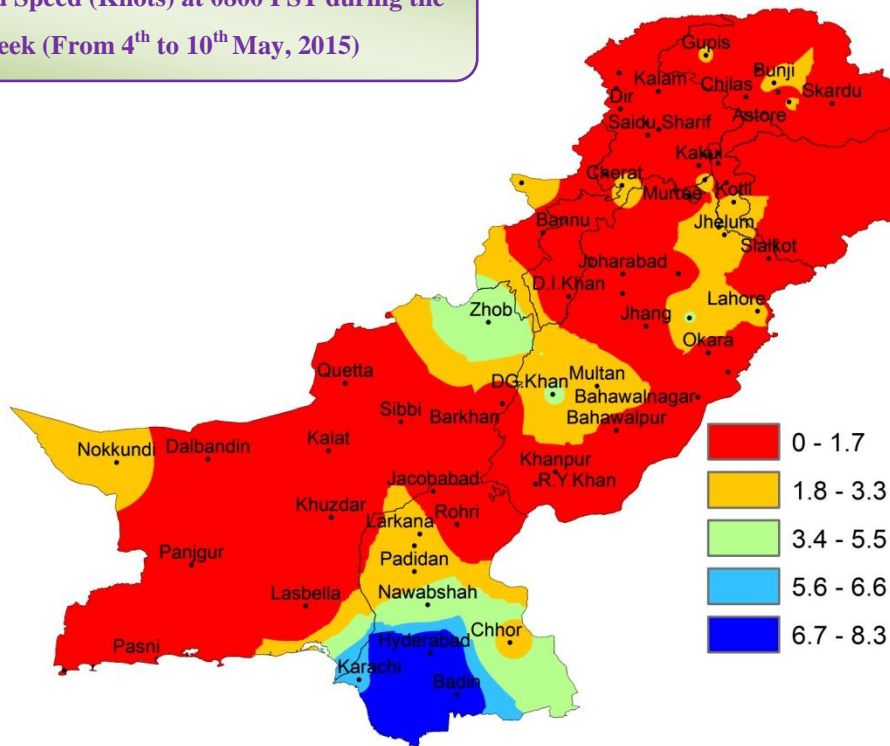
Total Growing Degree Days accumulated during the Previous week (From 4th to 10th May, 2015)



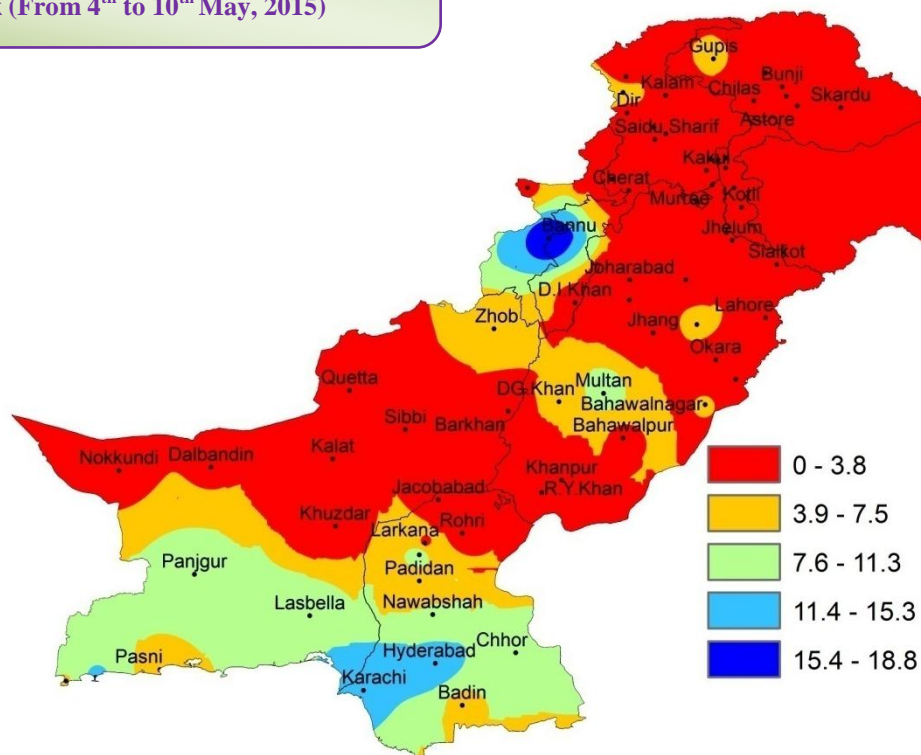
Mean Relative Humidity (%) during the Previous week (From 4th to 10th May, 2015)



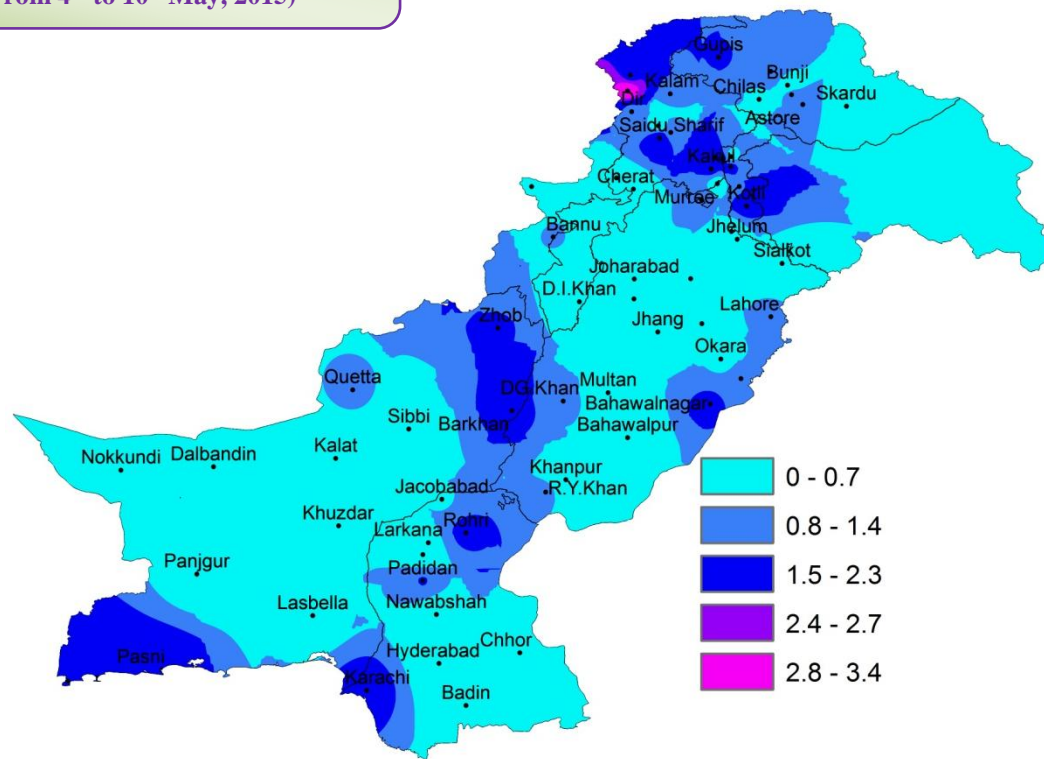
Mean Wind Speed (Knots) at 0800 PST during the
Previous week (From 4th to 10th May, 2015)



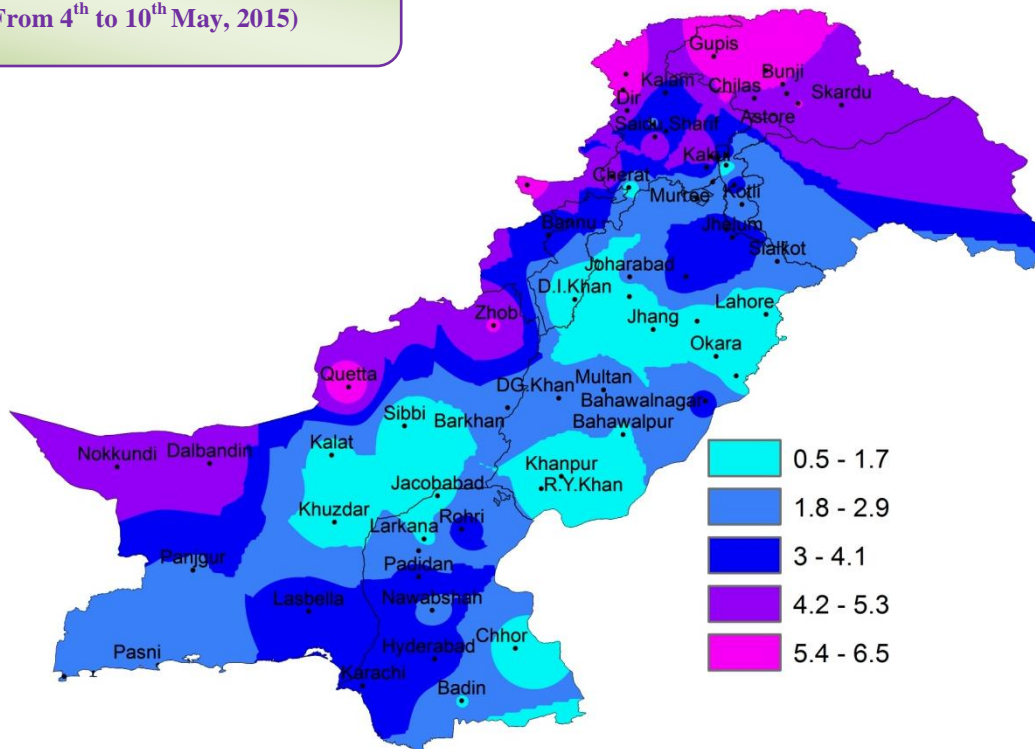
Mean Wind Speed (Knots) at 1700 PST during the
Previous week (From 4th to 10th May, 2015)



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (From 4th to 10th May, 2015)



Mean Cloudiness (Oktas) at 1700PST during the
Previous week (From 4th to 10th May, 2015)



Weekly Weather Advisory for Farmers
(From 11th to 17th May, 2015)

A westerly weather system is affecting upper and central parts of the country and expected to persist till Wednesday. Continental air would prevail over most parts of the country during the second half of the current week.

MONDAY
11-05-2015

Rain-thundershower associated with dust-storm is expected at scattered places in Khyber Pakhtunkhwa (Malakand, Hazara, Peshawar, Kohat, Mardan, Bannu, D.I.Khan divisions), FATA, Islamabad, Punjab (Multan, D.G.Khan, Bahawalpur, Rawalpindi, Sargodha, Faisalabad, Gujranwala, Lahore, Sahiwal divisions), Kashmir and Gilgit-Baltistan, while at isolated places in Sindh (Mirpurkhas, Sukkur divisions) and north Balochistan (Quetta, Zhob divisions).

TUESDAY
12-05-2015

Rain-thundershower associated with dust-storm is expected at scattered places in upper Khyber Pakhtunkhwa (Malakand, Hazara, Peshawar, Kohat, Mardan divisions), FATA, Islamabad, upper Punjab (Rawalpindi, Sargodha, Faisalabad, Gujranwala, Lahore divisions), Kashmir and Gilgit-Baltistan, while at isolated places in Bannu, D.I.Khan, Multan, Sahiwal, D.G.Khan divisions.

WEDNESDAY
13-05-2015

Mainly hot and dry weather is expected in most parts of the country; however, rain-thundershower is expected at isolated places in Islamabad, Punjab (Rawalpindi, Gujranwala, and Sargodha, Lahore, Bahawalpur, and Faisalabad divisions), upper Khyber Pakhtunkhwa (Malakand, Hazara, and Kohat divisions), D.I Khan, Sukkur, and Mirpur Khas divisions.

THURSDAY
14-05-2015

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.

FRIDAY
15-05-2015

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

SATURDAY
16-05-2015

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

SATURDAY
17-05-2015

Mainly hot and dry weather is expected in most parts of the country. However, rain-thundershower is expected at isolated places in Malakand division and Gilgit-Baltistan.

ADVISES FOR CROPS

Cotton: Farmers are advised to manage irrigation practices as per weather prediction during the week.

General Information

- Pest/viral attacks and more weeds growth are expected after heavy rains in cotton and other standing crops in upper parts of the country. Farmers are therefore advised to take in time precautionary measures in this regard.
- Farmers of cotton, sugarcane, rice and other standing crops are advised to be aware of the adverse effects of stagnant water in the fields. Mechanism for drainage of stagnant water from fields should be evolved on priority basis and necessary requirements in this regard should be taken.

National Weather Data of Selected Cities
(Weekly Data From 4th to 10th May, 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	23.6	25.5	78.4	32	0.1	0.9	5.3	1.7	2.7
Badin	39.3	41.5	192.4	54	0.0	0.0	1.7	7.1	6.3
Bahawalnagar	43.4	44.5	211.9	26	0.0	1.6	3.2	0.9	4.0
Bahawalpur	42.2	44.0	196.5	32	0.0	0.0	1.7	1.1	3.0
Balakot	33.4	35.5	144.3	44	0.0	2.1	5.3	0.7	0.0
Bannu	39.9	41.5	181.8	31	0.0	0.7	3.2	0.9	18.8
Barkhan	36.1	38.0	165.8	32	3.1	1.7	2.3	0.9	1.7
Bunji	31.7	33.4	136.6	35	0.1	0.3	5.3	3.1	2.0
Cherat	29.6	32.0	135.5	39	0.0	0.0	1.2	2.3	1.7
Chhor	41.6	44.2	197.4	50	0.0	0.0	1.3	2.9	8.7
Chilas	34.0	35.8	152.7	31	0.0	0.6	4.8	0.6	1.3
Chitral	28.8	32.4	104.4	58	13.5	2.0	5.8	0.0	2.0
D.I.Khan	41.5	43.5	192.9	39	0.1	0.0	0.5	0.9	2.0
Dalbandin	39.6	42.0	178.3	17	0.1	0.0	5.0	1.1	3.3
DG.Khan	43.4	45.5	211.0	32	0.1	1.0	1.8	3.4	4.3
Dir	31.9	33.0	112.8	62	13.0	0.9	4.3	0.7	1.7
Drosh	30.6	34.4	108.7	35	13.0	3.4	5.7	1.1	7.3
Faisalabad	42.0	43.5	199.5	28	0.0	1.6	2.1	1.1	0.8
Garidopatta	35.3	38.0	146.5	57	12.0	1.7	0.7	0.0	2.0
Gawader	34.1	35.0	170.5	79	0.0	2.1	2.5	0.0	12.0
Gilgit	32.3	34.0	123.3	37	0.1	1.3	6.5	0.3	1.0

Gupis	26.2	28.0	91.8	33	2.0	1.4	5.7	1.7	4.3
Hyderabad	39.8	41.0	189.9	54	0.0	0.0	3.7	8.3	14.3
Islamabad	36.6	38.2	159.0	44	0.0	1.3	2.7	0.6	1.7
Jacobabad	44.0	45.0	214.8	29	0.1	0.6	1.3	1.4	1.7
Jhang	41.9	44.0	193.5	37	0.0	0.0	1.2	0.0	0.7
Jhelum	39.1	41.5	179.5	52	0.0	0.6	3.5	2.3	0.3
Jiwani	33.4	35.5	168.8	78	0.0	1.9	2.7	0.9	7.3
Joharabad	41.1	42.2	190.7	41	0.0	0.0	1.8	0.3	1.0
Kakul	31.6	33.5	127.0	48	0.0	1.7	3.8	0.0	1.7
Kalam	25.6	28.0	84.5	46	7.0	0.9	3.8	0.0	1.7
Kalat	30.0	31.0	101.0	36	0.0	0.0	1.3	0.0	0.7
Karachi	34.9	35.5	181.4	70	0.0	2.0	3.7	6.6	11.7
Khanpur	42.6	44.4	203.1	44	0.0	0.0	1.3	1.4	2.7
Khuzdar	37.5	38.0	194.5	11	2.0	0.6	1.4	0.0	0.8
Kotli	36.0	37.8	165.5	44	1.0	2.0	2.0	2.0	2.5
Lahore	41.0	42.0	198.6	29	1.8	0.9	0.7	1.7	2.7
Larkana	44.0	47.0	209.3	37	0.2	0.6	1.2	1.7	3.0
Lasbella	41.1	44.5	185.5	51	23.0	0.0	3.3	0.6	10.7
Lower Dir	36.4	38.0	156.8	42	0.0	0.0	2.5	1.1	2.0
M.B Din	39.7	41.5	184.0	42	0.0	0.0	3.7	1.1	1.0
Malam Jabba	20.9	23.0	79.5	54	3.0	0.9	4.0	0.0	0.0
Mangla	38.2	39.6	173.9	41	0.0	0.0	3.2	3.4	3.0
Mir Khani	30.6	32.5	130.9	43	5.4	0.9	4.5	0.6	0.0
Moinjodaro	43.7	45.7	202.7	35	0.2	0.0	2.7	2.6	9.7
Multan	42.7	44.5	207.2	30	0.0	0.0	2.0	3.1	9.3
Murree	25.3	27.0	102.1	43	0.1	0.0	1.7	2.6	1.3

Muzaffarabad	36.5	39.1	164.9	49	4.0	1.7	3.0	1.9	0.7
Nawabshah	43.9	46.0	203.5	35	0.0	0.0	2.7	5.0	7.7
Nokkundi	39.6	42.0	194.5	13	0.1	0.0	4.3	2.0	2.7
Noorpurthal	44.1	45.5	212.8	42	0.0	0.0	1.3	0.0	0.0
Okara	42.6	44.0	200.1	35	0.0	0.4	1.3	1.1	0.7
Padidan	42.9	44.0	206.5	38	0.0	1.4	3.5	2.0	6.0
Panjgur	38.3	39.0	171.0	38	20.0	0.0	2.8	0.9	11.0
Parachinar	19.0	19.5	65.9	79	88.9	0.4	5.7	3.0	3.0
Pasni	33.9	34.5	169.3	80	0.0	2.0	1.8	1.1	5.7
Peshawar	36.7	38.5	171.3	51	0.1	0.4	5.2	0.3	1.7
Quetta	30.6	32.4	131.7	26	2.1	2.4	5.7	3.1	3.3
R.Y.Khan	43.9	45.8	216.3	47	0.1	0.9	1.5	0.9	3.0
Rawalakot	28.1	30.0	102.8	71	5.7	1.3	3.5	0.6	1.7
Rohri	43.0	44.5	213.5	31	6.1	1.7	3.3	1.1	2.7
Rawalpindi	37.4	38.7	137.9	42	0.0	1.8	0.8	0.6	1.2
Sahiwal	41.8	43.0	190.7	37	0.0	0.9	1.3	1.4	2.7
Saidu Sharif	34.2	35.7	146.9	50	0.0	2.4	4.8	0.0	0.0
Sialkot	38.3	40.0	178.3	48	0.0	0.0	2.5	0.3	0.3
Sibbi	44.8	46.0	230.8	30	0.0	0.0	0.7	0.3	0.7
Skardu	26.5	27.6	87.7	31	0.0	0.3	4.3	0.0	2.3
Tandojam	39.9	41.0	188.8	62	0.0	0.3	2.3	0.9	2.0
Usta.M	44.8	46.5	203.3	25	0.0	0.0	2.0	0.5	2.5
Zhob	33.9	35.5	149.8	25	7.0	1.4	5.3	5.0	5.7

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