

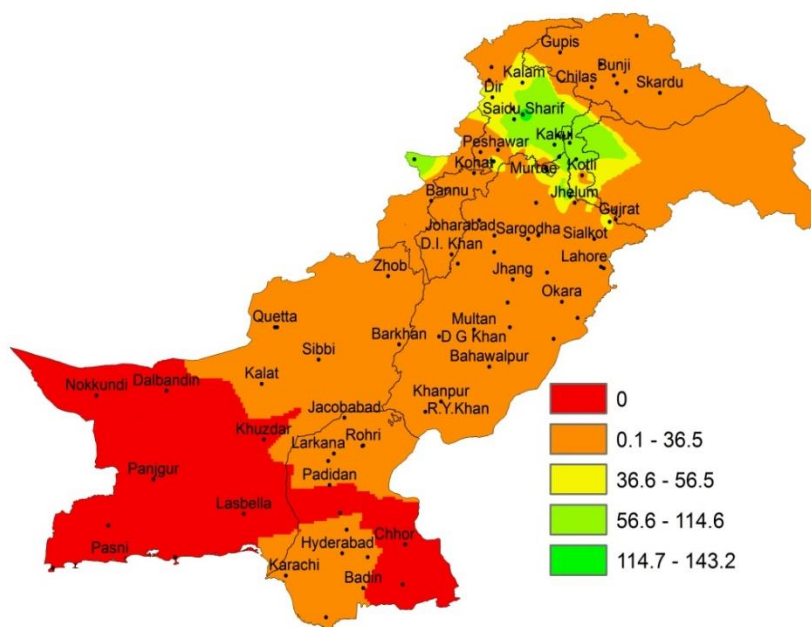
Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (From 11th to 17th May, 2015)**



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Highlights of Past Weather (From 11th to 17th 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 Khyber Pakhtunkhwa, Punjab and Gilgit-Baltistan & Kashmir regions.
- Light rainfall reported at few places in Balochistan and Sindh.

Past Weather of Provinces (From 11th to 17th May, 2015)

Punjab

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 36.1°C & 22.4°C respectively. For the present season average 168.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 54% and wind speed in the morning/evening 1.6/3.1 Knots. During the previous week the highest amount of rainfall was recorded 73.6mm at Mangla & highest maximum temperature was recorded 47.0°C at R.Y.Khan.

Sindh

Light rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 41.8°C & 26.5°C respectively. For the present season average 203.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 4.1/7.1 Knots. During the previous week the highest amount of rainfall was recorded 15.8mm at Thatta & highest maximum temperature was recorded 49.1°C at Dadu.

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 26.1°C & 13.9°C respectively. For the present season average 104.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 60% and wind speed in the morning/evening recorded 1.3/2.2 Knots. During the previous week the highest amount of rainfall was recorded 94.5mm at Muzaffarabad & highest maximum temperature was recorded 36.2°C at Chilas.

Balochistan

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 36.8°C & 21.3°C respectively. For the present season average 164.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 42% and wind speed in the morning/evening recorded 1.1/5.3 Knots. During the previous week the highest amount of rainfall was recorded 13.1mm at Barkhan & highest maximum temperature was recorded 48.0°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 27.5°C & 15.8°C respectively. For the present season average 118.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening recorded 0.9/2.4 Knots. During the previous week the highest amount of rainfall was recorded 145.2mm at Malam Jabba & highest maximum temperature was recorded 42.5°C at D.I.Khan.

**Past Weather for Major Agricultural Plains
(From 11th to 17th May, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 23.2mm during the week; however cloudiness in the morning/evening recorded 2.9/4.1 Oktas while, average relative humidity observed as 61%. Mean day time temperature recorded 30.2°C & for the present season 127.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.2 Knots.

Faisalabad (Central Punjab)

Rainfall reported as Trace (not measurable) during the week; however cloudiness in the morning/evening recorded 1.1/2.0 Oktas while, average relative humidity observed as 28%. Mean day time temperature recorded 36.8°C & for the present season 175.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/1.4 Knots.

Quetta (Northern Balochistan)

Rainfall reported as 1.8mm during the week; however cloudiness in the morning/evening recorded 0.6/2.1 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 30.2°C & for the present season 127.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/3.8 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/1.4 Oktas while, average relative humidity observed as 28%. Mean day time temperature recorded 44.6°C & for the present season 202.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/2.0 Knots.

Tandojam (Lower Singh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/0.9 Oktas while average relative humidity observed as 61%. Mean day time temperature recorded 40.9°C & for the present season 197.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 1.2/2.4 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 11th to 17th May, 2015)****Multan**

Rainfall reported as 4.8mm during the week; however cloudiness in the morning/evening recorded 1.3/1.7 Oktas while, average relative humidity observed as 42%. Mean day time temperature recorded 38.3°C & for the present season 189.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.0/5.7 Knots.

Rohri

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.3/0.3 Oktas while, average relative humidity observed as 38%. Mean day time temperature recorded 42.3°C & for the present season 212.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/2.6 Knots.

Lahore

Rainfall reported as 28.5mm during the week; however cloudiness in the morning/evening recorded 3.1/3.4 Oktas while, average relative humidity observed as 54%. Mean day time temperature recorded 35.6°C & for the present season 170.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.9/3.4 Knots.

Zhob

Rainfall reported as 6.0mm during the week; however cloudiness in the morning/evening recorded 2.3/3.7 Oktas while, average relative humidity observed as 46%. Mean day time temperature recorded 29.7°C & for the present season 124.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/5.6 Knots.

D.I. Khan

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 1.6/2.6 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 37.5°C & for the present season 173.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/3.1 Knots.

Peshawar

Rainfall reported as 19.3mm during the week; however cloudiness in the morning/evening recorded 4.0/3.6 Oktas while, average relative humidity observed as 68%. Mean day time temperature recorded 31.2°C & for the present season 150.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/2.3 Knots.

Murree

Rainfall reported as 65.0mm during the week; however cloudiness in the morning/evening recorded 4.3/5.9 Oktas while, average relative humidity observed as 67%. Mean day time temperature recorded 19.3°C & for the present season 77.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/4.3 Knots.

Kalam

Rainfall reported as 51.0mm during the week; however cloudiness in the morning/evening recorded 4.9/5.7 Oktas while, average relative humidity observed as 65%. Mean day time temperature recorded 20.3°C & for the present season 66.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.9 Knots.

Gilgit

Rainfall reported as 13.1mm during the week; however cloudiness in the morning/evening recorded 5.6/6.7 Oktas while, average relative humidity observed as 57%. Mean day time temperature recorded 28.3°C & for the present season 112.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.0/1.7 Knots.

Skardu

Rainfall reported as 0.3mm during the week; however cloudiness in the morning/evening recorded 5.3/5.3 Oktas while, average relative humidity observed as 42%. Mean day time temperature recorded 25.1°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 0.0/3.4 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.

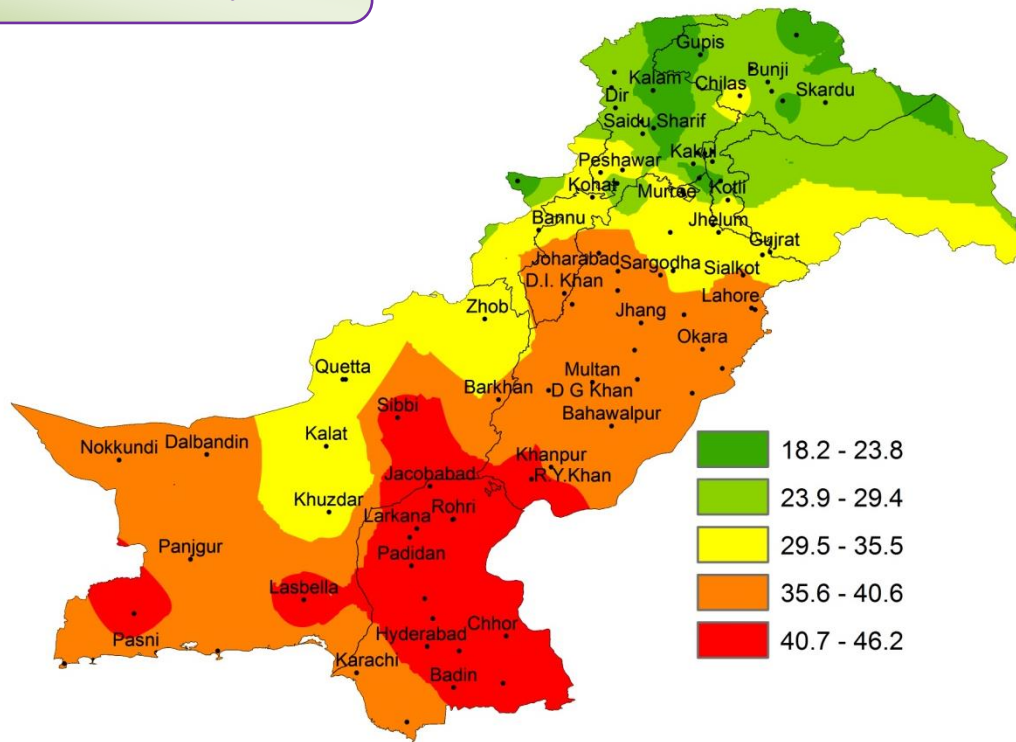
Wheat: Good condition at *Full Maturity* stage.

Eastern Balochistan (Usta Muhammad)

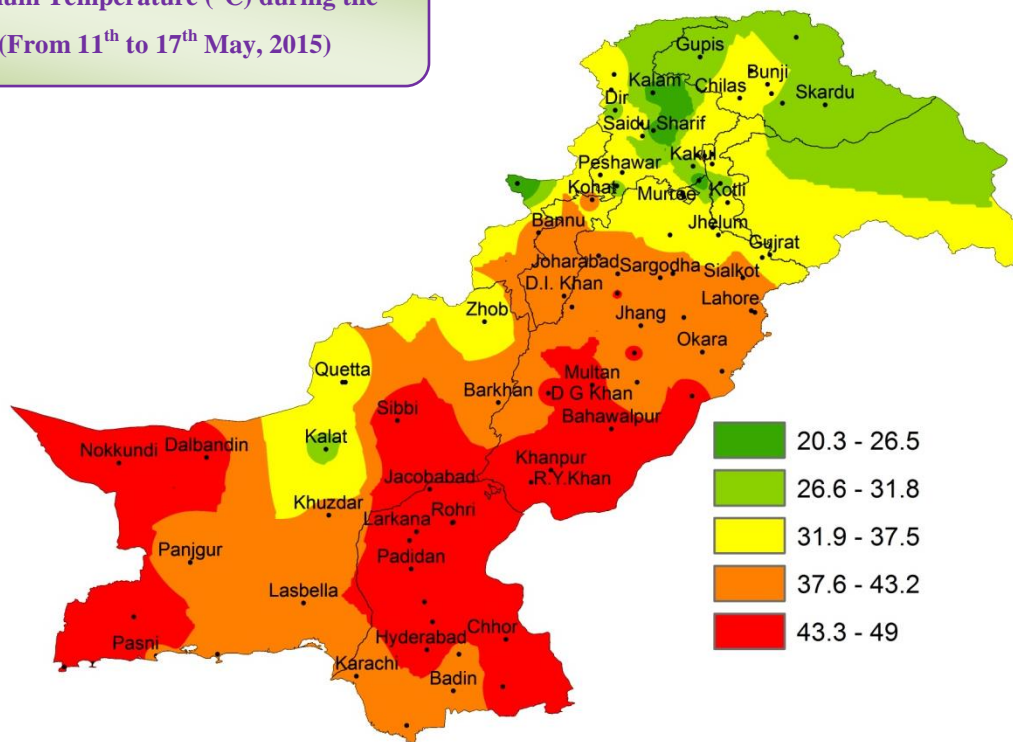
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Germination* stage.

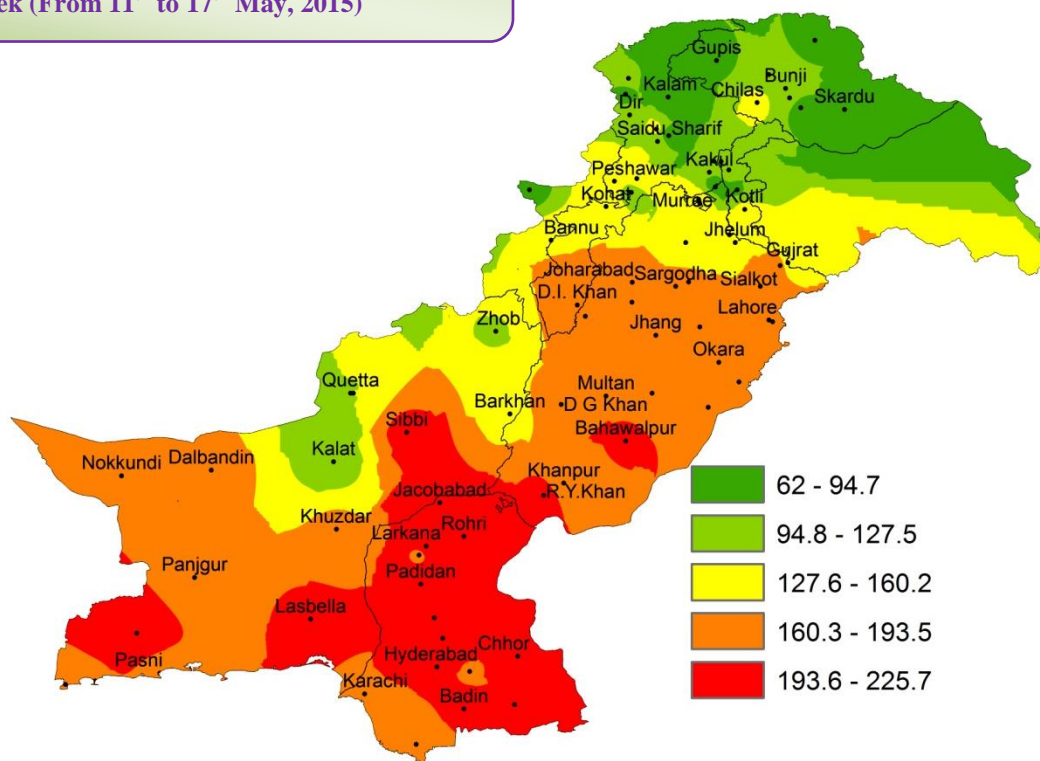
Mean Maximum Temperature (°C) during the Previous week (From 11th to 17th May, 2015)



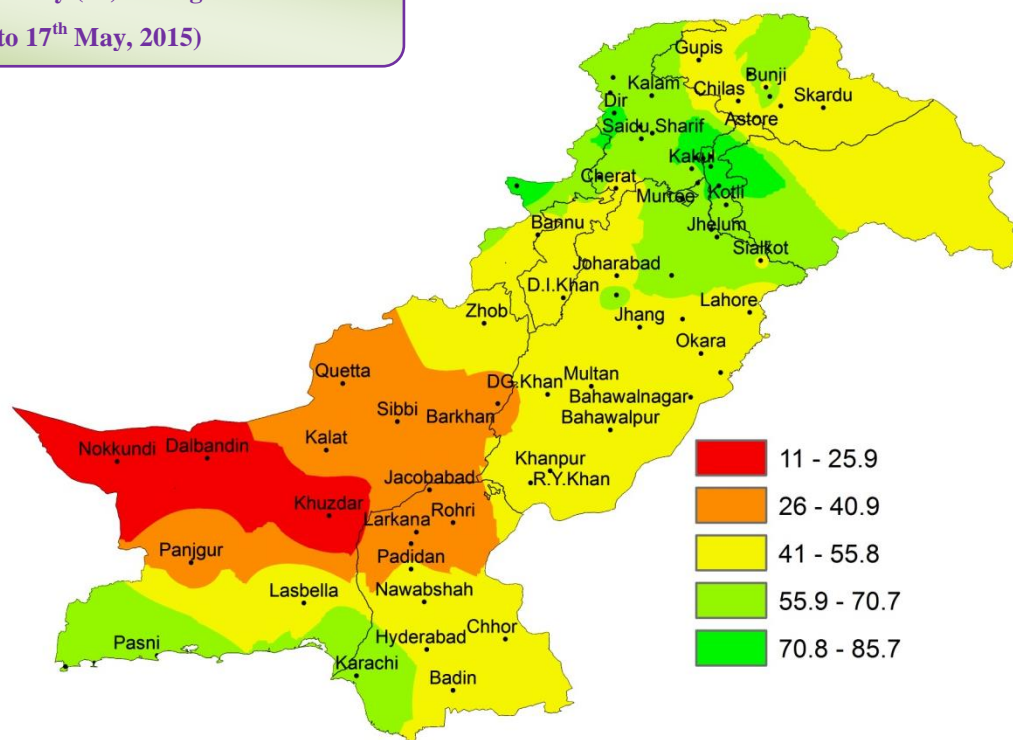
Highest Maximum Temperature (°C) during the Previous week (From 11th to 17th May, 2015)



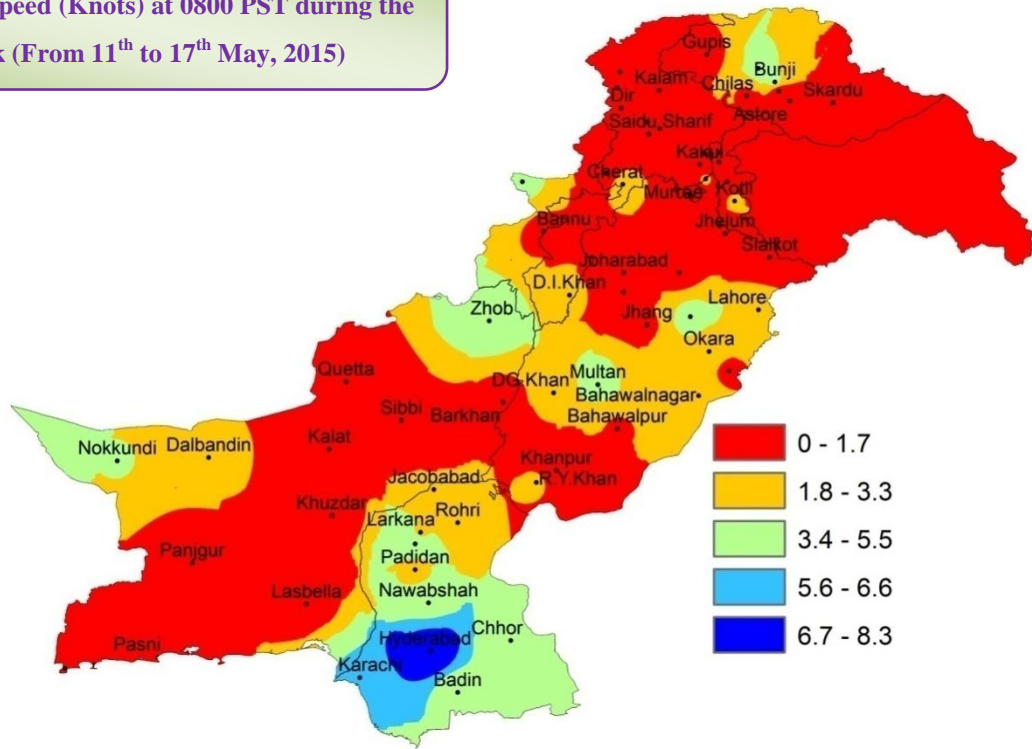
Total Growing Degree Days accumulated during the Previous week (From 11th to 17th May, 2015)



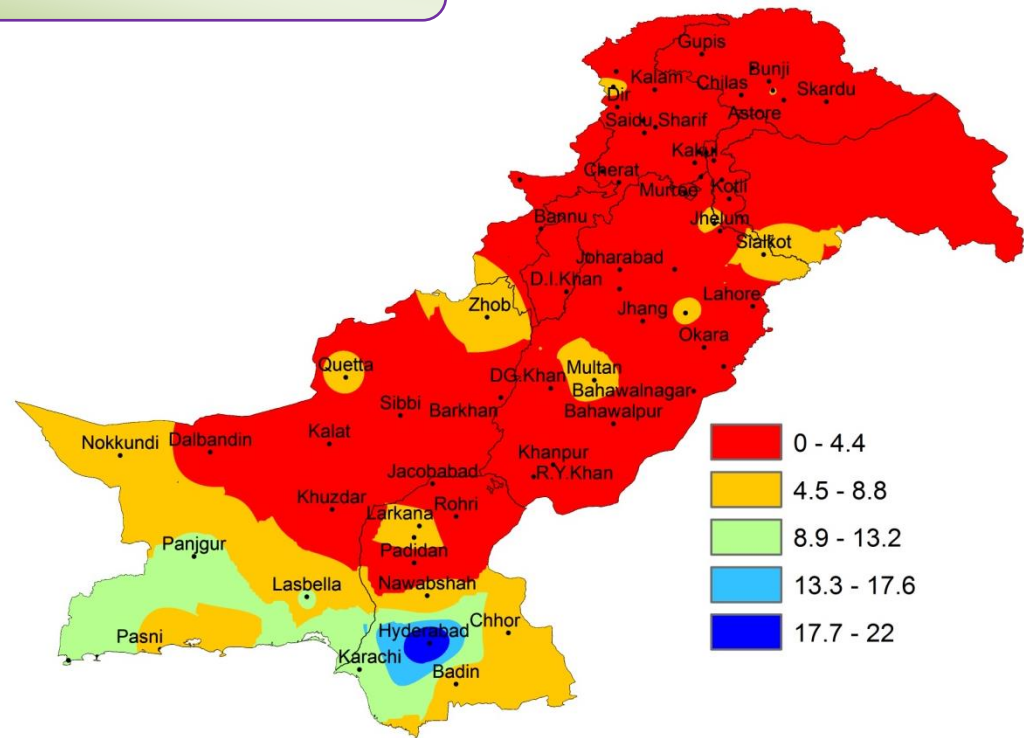
Mean Relative Humidity (%) during the Previous week (From 11th to 17th May, 2015)



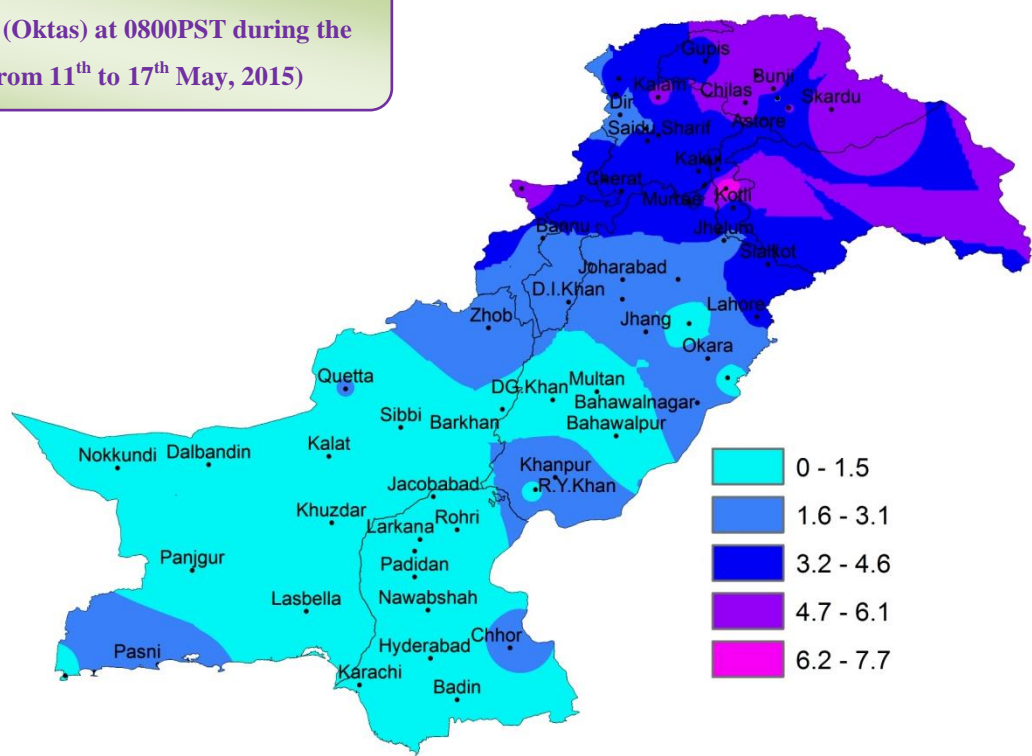
Mean Wind Speed (Knots) at 0800 PST during the Previous week (From 11th to 17th May, 2015)



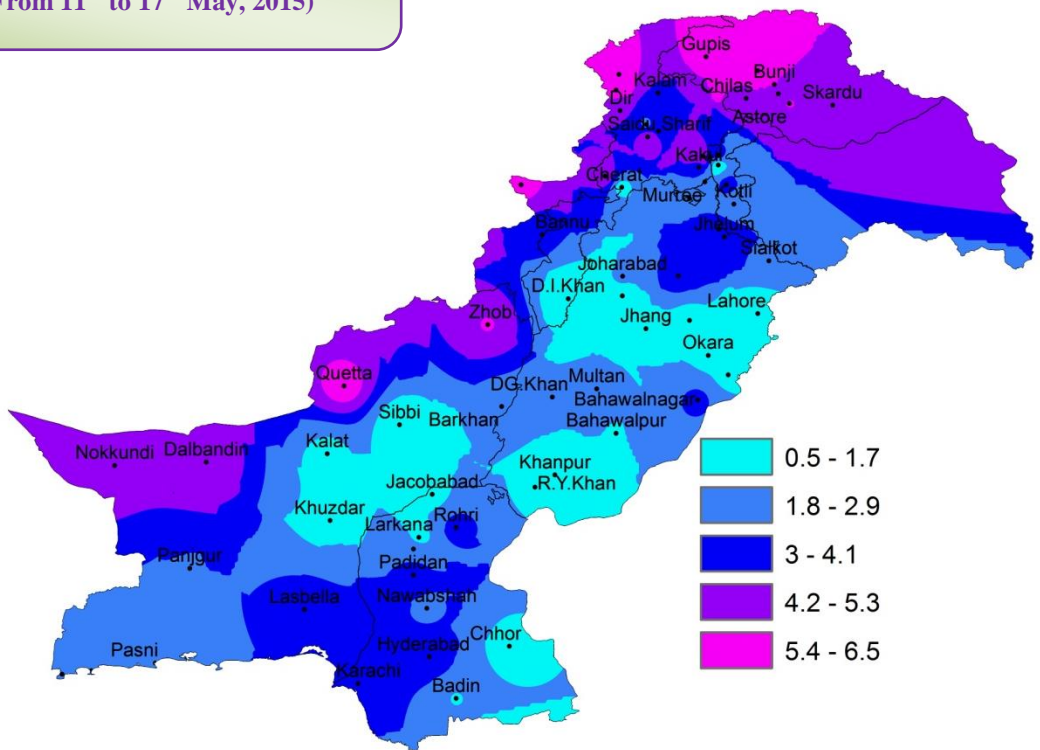
Mean Wind Speed (Knots) at 1700 PST during the Previous week (From 11th to 17th May, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (From 11th to 17th May, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (From 11th to 17th May, 2015)



Weekly Weather Advisory for Farmers
(From 18th to 24th May, 2015)

Seasonal low lies over Balochistan and its adjoining areas. A shallow westerly trough is affecting upper parts of the country and is likely to persist during next 24-36 hours. Another fresh westerly weather system is expected to affect upper parts of the country during the weekend.

MONDAY 18-05-2015

More rain-thundershower with gusty winds is expected at scattered places in Malakand, Hazara, Rawalpindi divisions, Islamabad, Upper FATA, Gilgit-Baltistan and Kashmir, while at isolated places in Kohat, Bannu, D. I. Khan, Quetta, Zhob, D.G Khan, Sargodha, Gujranwala, Lahore, Peshawar divisions and lower FATA during next evening/night. Dust-storm is also expected at a few places in Multan, Bahawalpur and Sukkur divisions during afternoon/evening. Very Hot weather conditions would continue in Sindh, Balochistan and south Punjab.

TUESDAY 19-05-2015

Mainly hot and dry weather is expected in most parts of the country; however, rain-thundershower is expected at isolated places in Malakand, Hazara, Peshawar, Quetta, Zhob, Rawalpindi, Gujranwala, Lahore divisions, upper FATA, Kashmir and Gilgit-Baltistan. Dust-storm may also occur in Multan, D.G.Khan, Sargodha and Faisalabad divisions. Very Hot weather conditions would continue in Sindh, Balochistan and south Punjab.

WEDNESDAY 20-05-2015

Mainly hot and dry weather is expected in most parts of the country; however rain-thunderstorm is expected at isolated places of Malakand, Hazara divisions, Gilgit-Baltistan, Kashmir and adjoining hill areas. Dust-thunderstorm with isolated light rain is also expected South Punjab and upper Sindh during evening/night. Very Hot weather conditions would continue in Sindh, Balochistan and south Punjab.

THURSDAY 21-05-2015

Mainly hot and dry weather is expected in most parts of the country; however, rain-thundershower is expected at isolated places in Malakand, Hazara divisions, Kashmir and Gilgit-Baltistan. Very Hot weather conditions would continue in Sindh, Balochistan and south Punjab.

FRIDAY 22-05-2015

Mainly hot and dry weather is expected in most parts of the country. Very Hot weather conditions would continue in Sindh, Balochistan and south Punjab.

SATURDAY 23-05-2015

Mainly hot and dry weather is expected in most parts of the country; However rain-thundershower with dust-storm is expected at isolated places of upper KP (Malakand, Hazara, Peshawar, Mardan, Kohat divisions), upper Punjab (Rawalpindi, Sargodha, Gujranwala divisions), Islamabad, Kashmir and Gilgit-Baltistan.

SUNDAY 24-05-2015

Mainly hot and dry weather is expected in most parts of the country; however, rain-thundershower with dust-storm is expected at isolated places in KP (Malakand, Hazara, Peshawar, Mardan, Kohat, bannu divisions), upper FATA, upper Punjab (Rawalpindi, Sargodha, Gujranwala, Faisalabad and Lahore divisions), Islamabad, Kashmir 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 11th to 17th 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	21.8	27.2	74.4	48	7.4	4.7	6.0	1.1	3.1
Badin	41.1	42.0	200.1	49	0.0	0.4	0.9	4.3	5.4
Bahawalnagar	39.5	44.0	191.7	42	0.1	2.0	2.6	2.0	2.6
Bahawalpur	39.0	44.0	189.8	48	13.1	1.1	0.9	1.4	1.7
Balakot	25.0	32.0	109.1	73	78.3	4.0	5.1	0.0	1.1
Bannu	35.1	39.4	158.1	44	0.5	2.7	2.7	1.1	3.7
Barkhan	35.6	39.0	142.3	36	13.1	1.4	2.7	0.6	2.3
Bunji	27.9	32.8	121.6	55	10.2	5.6	6.0	4.3	1.7
Cherat	25.4	29.5	104.0	44	44.0	3.3	4.3	2.6	3.4
Chhor	42.0	44.5	205.2	56	0.0	1.7	0.4	4.0	6.3
Chilas	30.3	36.2	134.4	41	4.8	5.0	6.3	1.1	4.0
Chitral	26.4	32.5	99.6	67	22.7	3.1	5.4	0.0	2.6
D.I.Khan	37.5	42.5	173.8	50	0.2	1.6	2.6	2.3	3.1
Dalbandin	40.2	44.0	178.3	21	0.0	0.0	1.7	2.6	3.0
DG.Khan	38.5	43.5	190.0	48	4.0	1.0	2.6	2.6	4.0
Dir	25.2	31.0	98.5	75	54.0	2.3	4.7	0.0	1.1
Drosh	26.6	33.5	91.4	56	31.1	3.1	5.3	1.4	6.6
Faisalabad	36.8	40.5	175.1	28	0.1	1.1	2.0	1.4	1.4
Garidopatta	26.7	35.0	114.3	78	74.0	3.4	5.4	0.0	0.0
Gawader	37.6	44.0	189.0	69	0.0	1.7	0.6	0.0	11.9
Gilgit	28.3	34.5	112.0	57	13.1	5.6	6.7	4.0	1.7

Gupis	23.4	28.0	80.8	53	27.0	4.4	5.0	1.1	2.9
Hyderabad	40.9	44.5	198.0	56	0.1	1.4	1.7	8.3	22.0
Islamabad	31.0	35.0	139.5	67	8.4	3.9	4.6	0.3	1.7
Jacobabad	42.8	47.5	211.3	39	0.0	0.4	0.1	1.7	2.0
Jhang	37.7	41.6	175.8	49	2.8	1.7	1.1	1.4	0.9
Jhelum	33.1	37.0	156.0	65	18.4	2.5	5.3	1.3	2.6
Jiwani	36.9	43.5	186.0	68	0.0	1.3	0.0	1.1	9.4
Joharabad	36.3	39.5	171.6	53	3.0	2.3	2.4	0.6	3.7
Kakul	24.0	30.0	98.0	68	82.7	4.6	4.7	0.0	1.1
Kalam	20.3	25.5	66.0	65	51.0	4.9	5.7	0.0	0.9
Kalat	29.8	31.0	99.3	32	0.0	0.0	0.0	0.0	0.0
Karachi	36.1	38.0	188.4	70	0.0	1.4	2.3	6.0	11.7
Khanpur	40.1	45.8	194.8	55	12.8	2.3	0.3	0.3	0.9
Khuzdar	33.9	38.0	169.3	11	0.0	0.6	1.0	0.0	0.0
Kotli	29.9	33.6	141.1	65	31.6	3.7	5.6	2.0	3.3
Lahore	35.6	38.5	170.6	54	28.5	3.1	3.4	2.9	3.4
Larkana	42.8	48.5	214.0	41	13.0	0.6	0.0	2.9	4.9
Lasbella	41.7	43.0	202.3	55	0.0	0.7	0.3	0.7	8.9
Lower Dir	30.1	36.0	139.5	64	27.0	2.9	4.1	1.4	2.0
M.B Din	34.7	38.5	162.8	60	3.0	2.3	3.6	0.6	2.6
Malam Jabba	18.0	20.0	60.6	64	145.2	3.1	4.1	0.0	0.0
Mangla	32.2	34.7	151.9	67	73.4	3.4	5.1	0.9	6.0
Mir Khani	27.3	34.0	113.0	61	29.0	2.7	4.6	0.0	4.9
Moinjodaro	41.5	45.3	187.0	37	0.0	0.6	0.0	5.4	5.7
Multan	38.3	43.5	189.7	42	4.8	1.3	1.7	4.0	5.7
Murree	19.3	22.5	77.1	67	65.0	4.3	5.9	2.0	4.3

Muzaffarabad	27.5	35.2	116.8	78	94.5	3.9	5.1	0.6	1.1
Nawabshah	43.6	48.0	207.8	42	0.0	0.7	0.3	5.1	5.1
Nokkundi	39.6	45.0	190.5	11	0.0	0.0	0.3	3.4	6.0
Noorpurthal	38.2	43.5	177.4	58	12.2	1.6	3.1	0.0	1.1
Okara	38.3	41.8	182.3	47	3.1	2.1	1.9	2.3	1.4
Padidan	42.9	46.0	207.3	42	0.0	1.1	0.9	2.3	2.3
Panjgur	38.1	42.0	168.8	37	0.0	0.0	0.0	0.0	9.4
Parachinar	19.8	21.7	73.7	86	87.0	5.6	5.6	4.1	3.3
Pasni	37.3	43.0	178.0	70	0.0	3.0	0.4	1.1	7.7
Pattan	29.0	36.0	130.5	68	65.1	4.0	5.6	0.3	0.6
Peshawar	31.2	36.0	150.9	68	19.3	4.0	3.6	0.3	2.3
Quetta	30.2	34.6	127.7	53	1.8	0.6	2.1	2.6	3.8
R.Y.Khan	42.2	47.0	211.1	44	2.8	1.4	0.7	2.0	0.9
Rawalakot	23.6	30.5	88.2	79	72.8	7.7	4.9	0.0	2.0
Rohri	42.3	47.0	212.8	38	0.1	1.3	0.3	2.0	2.6
Rawalpindi	30.2	35.5	127.7	61	23.2	2.9	4.1	0.0	0.2
Sahiwal	37.9	42.0	175.4	48	0.1	1.3	1.4	1.4	3.7
Saidu Sharif	27.7	32.5	122.4	71	67.0	3.9	4.6	0.0	0.6
Sialkot	34.3	36.6	164.0	56	50.3	4.6	3.7	0.3	5.4
Sibbi	43.1	48.0	212.5	40	11.0	0.7	0.0	0.6	0.3
Skardu	25.1	29.7	92.5	42	0.3	5.3	5.3	0.0	3.4
Tandojam	40.9	43.5	197.8	61	0.0	0.6	0.9	1.2	2.4
Usta.M	44.6	46.0	202.3	28	0.0	0.3	1.4	1.4	2.0
Zhob	29.7	35.0	124.5	46	6.0	2.3	3.7	5.0	5.6

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