

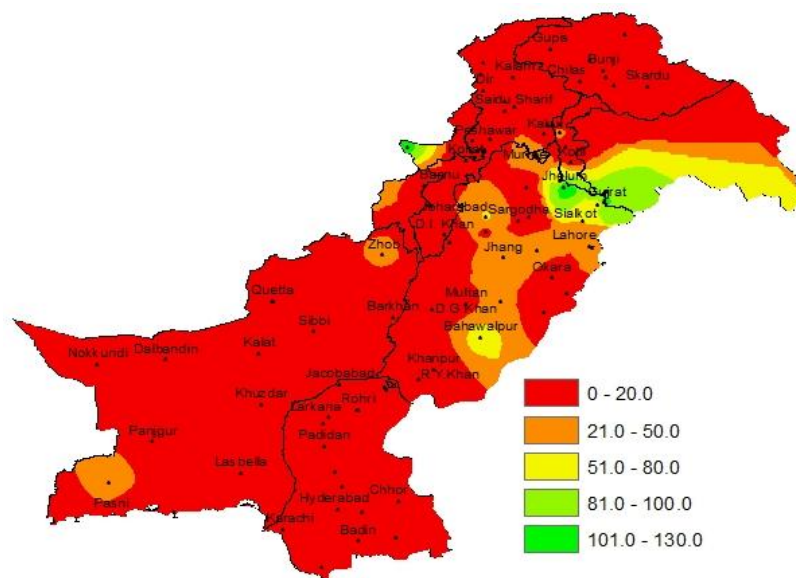
Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (From 10th to 16th August, 2015)**



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Highlights of Past Weather (From 10th to 16th August, 2015)

Mainly normal day time temperature was reported in 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, Gilgit-Baltistan & Kashmir regions
- Light rainfall reported at few places in Balochistan and Sindh.

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 10th to 16th August, 2015)**Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 35.1°C & 26.2°C respectively. For the present season average 163.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 72% and wind speed in the morning/evening 2.7/3.2 Knots. During the previous week the highest amount of rainfall was recorded 128.4 mm at Jhelum & highest maximum temperature was recorded 41.5°C at Bhakkar.

Sindh

Light to moderate rainfall reported at many places in Sindh during the week. Weekly maximum and minimum temperatures recorded 36.3°C & 26.7°C respectively. For the present season average 169.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 75% and wind speed in the morning/evening recorded 5.3/7.6 Knots. During the previous week the highest amount of rainfall was recorded 8.0mm at Chhor & highest maximum temperature was recorded 40.5°C at Sukkar.

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 24.3°C & 20.8°C respectively. For the present season average 128.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 66% and wind speed in the morning/evening recorded 0.6/1.9 Knots. During the previous week the highest amount of rainfall was recorded 35.4mm at Garhi Dopatta & highest maximum temperature was recorded 35.6°C at Chilas.

Balochistan

Light to moderate rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 36.6°C & 23.2°C respectively. For the present season average 149.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 54% and wind speed in the morning/evening recorded 3.4/4.9 Knots. During the previous week the highest amount of rainfall was recorded 50.0mm at Turbat & highest maximum temperature was recorded 43.0°C at Dalbandin.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 32.3°C & 21.8°C respectively. For the present season average 128.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 75% and wind speed in the morning/evening recorded 0.5/2.0 Knots. During the previous week the highest amount of rainfall was recorded 107.0 mm at Parachinar & highest maximum temperature was recorded 39.5°C at D.I.K.

**Past Weather for Major Agricultural Plains
(From 10th to 16th August, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 33.2mm during the week; however cloudiness in the morning/evening recorded 4.9/3.6 Oktas while, average relative humidity observed as 76%. Mean day time temperature recorded 32.7°C & for the present season 160.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.3 Knots.

Faisalabad (Central Punjab)

Rainfall reported as 26.2mm during the week; however cloudiness in the morning/evening recorded 0.0/2.7 Oktas while, average relative humidity observed as 72%. Mean day time temperature recorded 38.0°C & for the present season 188.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.8/1.0 Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.4/3.8 Oktas while, average relative humidity observed as 24%. Mean day time temperature recorded 34.9°C & for the present season 159.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.8/3.8 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.0/3.0 Oktas while, average relative humidity observed as 61%. Mean day time temperature recorded 37.1°C & for the present season 194.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.5/1.1 Knots.

Tandojam (Lower Sindh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.4/2.9 Oktas while, average relative humidity observed as 73%. Mean day time temperature recorded 34.9°C & for the present season 176.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 3.6/5.7 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 10th to 16th August, 2015)****Multan**

Rainfall reported as 17.5mm during the week; however cloudiness in the morning/evening recorded 3.8/2.5 Oktas while, average relative humidity observed as 69%. Mean day time temperature recorded 36.7°C & for the present season 178.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.0/6.0 Knots.

Rohri

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.7/1.3 Oktas while, average relative humidity observed as 62%. Mean day time temperature recorded 38.3°C & for the present season 179.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.7/3.3 Knots.

Lahore

Rainfall reported as 23.0mm during the week; however cloudiness in the morning/evening recorded 5.5/6.0 Oktas while, average relative humidity observed as 79%. Mean day time temperature recorded 36.2°C & for the present season 164.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/1.3 Knots.

Zhob

Rainfall reported as 28.0mm during the week; however cloudiness in the morning/evening recorded 0.3/0.3 Oktas while, average relative humidity observed as 45%. Mean day time temperature recorded 36.3°C & for the present season 149.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/5.0 Knots.

D.I. Khan

Rainfall reported 13.0mm during the week; however cloudiness in the morning/evening recorded 0.5/0.3 Oktas while, average relative humidity observed as 76%. Mean day time temperature recorded 38.0°C & for the present season 171.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.3 Knots.

Peshawar

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 3.3/3.0 Oktas while, average relative humidity observed as 77%. Mean day time temperature recorded 34.9°C & for the present season 165.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/1.7 Knots.

Murree

Rainfall reported as 11.3mm during the week; however cloudiness in the morning/evening recorded 5.5/8.0 Oktas while, average relative humidity observed as 90%. Mean day time temperature recorded 23.1°C & for the present season 90.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.3/0.7 Knots.

Kalam

Rainfall reported as 19.0mm during the week; however cloudiness in the morning/evening recorded 3.5/6.3 Oktas while, average relative humidity observed as 77%. Mean day time temperature recorded 25.5°C & for the present season 82.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.0 Knots.

Gilgit

Rainfall reported as 10.2mm during the week; however cloudiness in the morning/evening recorded 4.8/4.5 Oktas while, average relative humidity observed as 66%. Mean day time temperature recorded 34.1°C & for the present season 117.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.3 Knots.

Skardu

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 4.7/5.5 Oktas while, average relative humidity observed as 57%. Mean day time temperature recorded 32.3°C & for the present season 87.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.8 Knots.

Crop Situation for Major Agricultural Plains
(Based on Data from Regional Agromet Centers)

Potohar Region (Rawalpindi)

There is presently no crop grown in the fields of RAMC Rawalpindi.

Central Punjab (Faisalabad)

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

Cotton: Very good condition at *Flowering* stage.

Lower Sindh (Tandojam)

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

Cotton: Good condition at *Boll Formation* stage.

Northern Balochistan (Quetta)

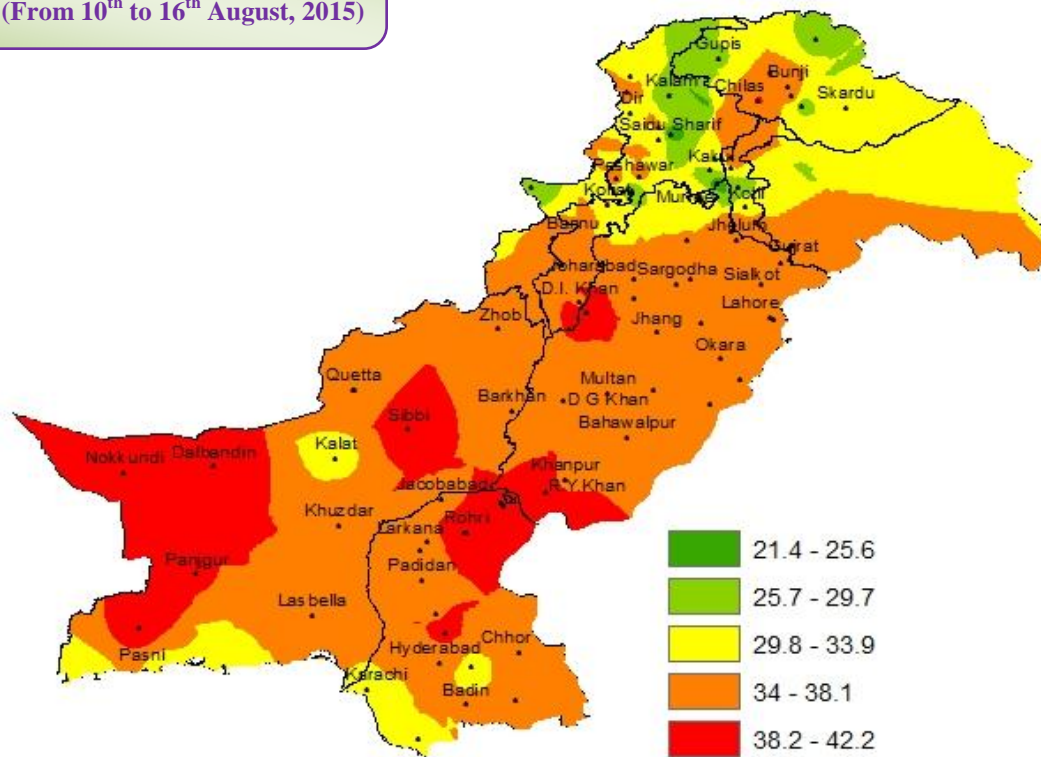
There is presently no crop grown in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

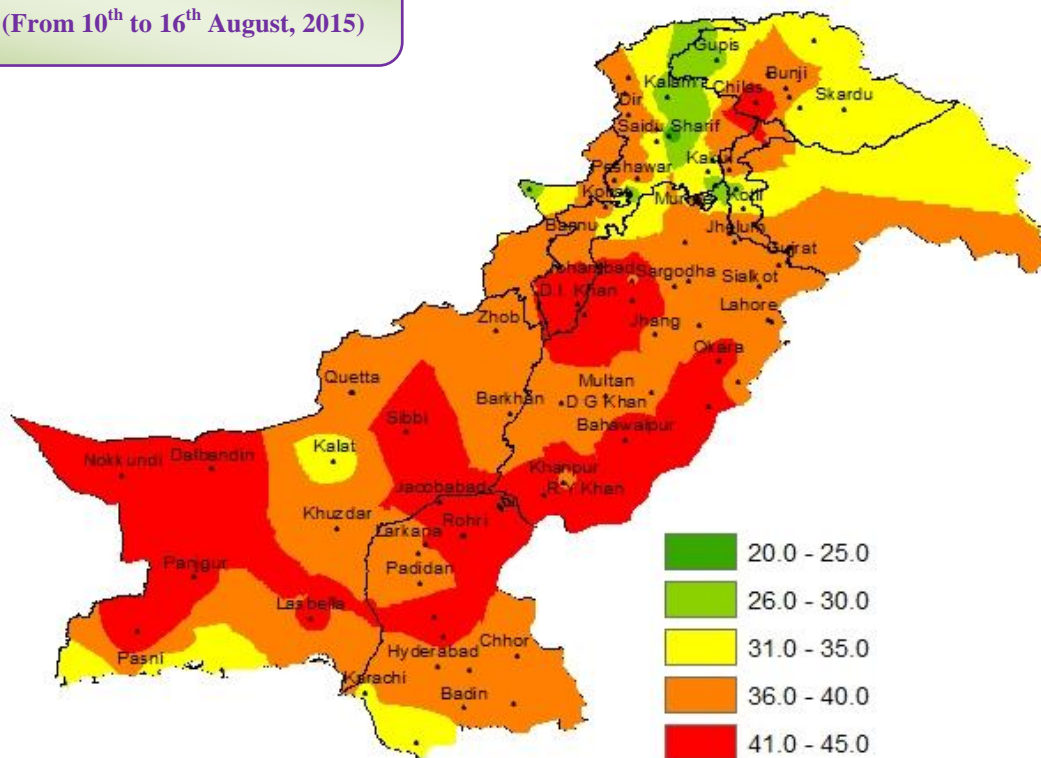
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Tillering* stage.

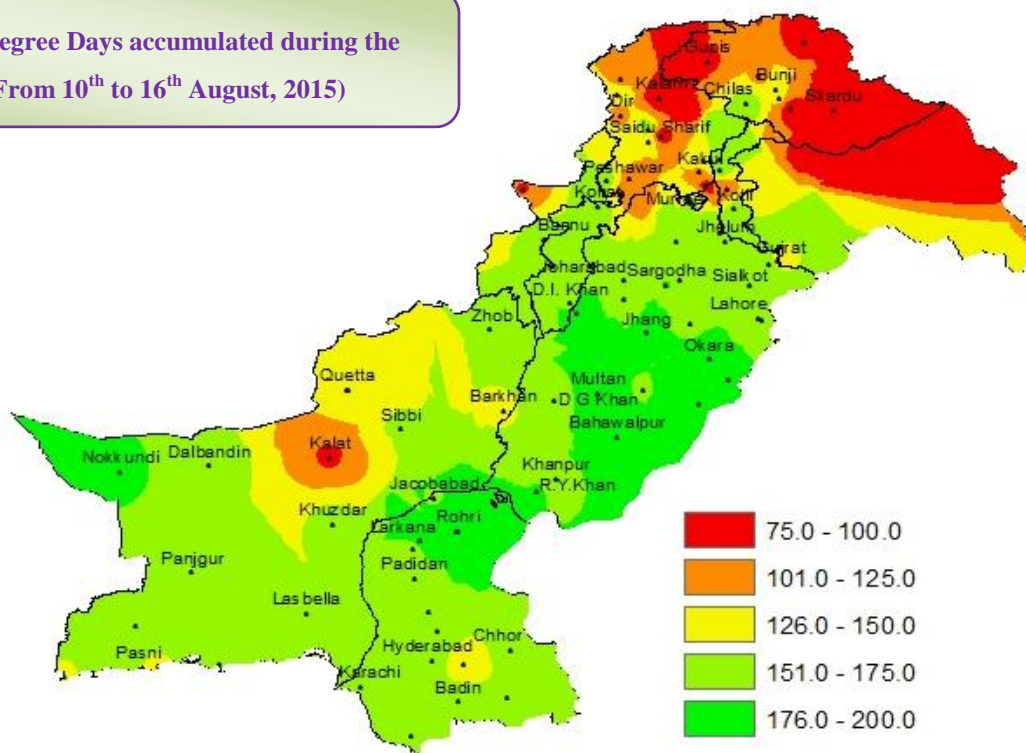
Mean Maximum Temperature (°C) during the
Previous Week (From 10th to 16th August, 2015)



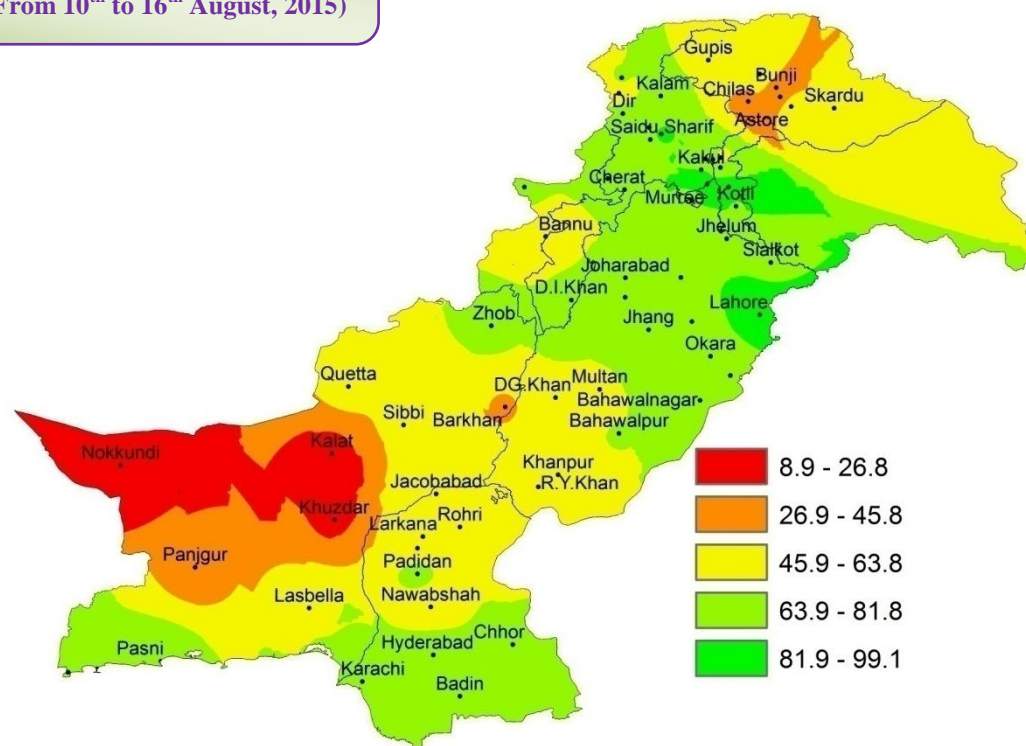
Highest Maximum Temperature (°C) during the
Previous Week (From 10th to 16th August, 2015)



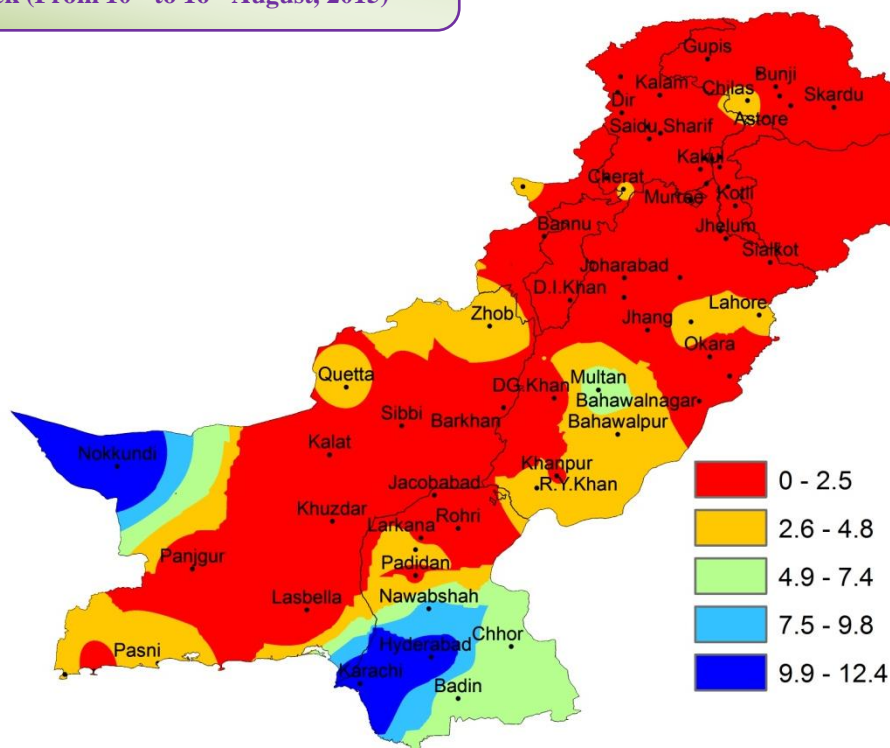
Total Growing Degree Days accumulated during the
Previous Week (From 10th to 16th August, 2015)



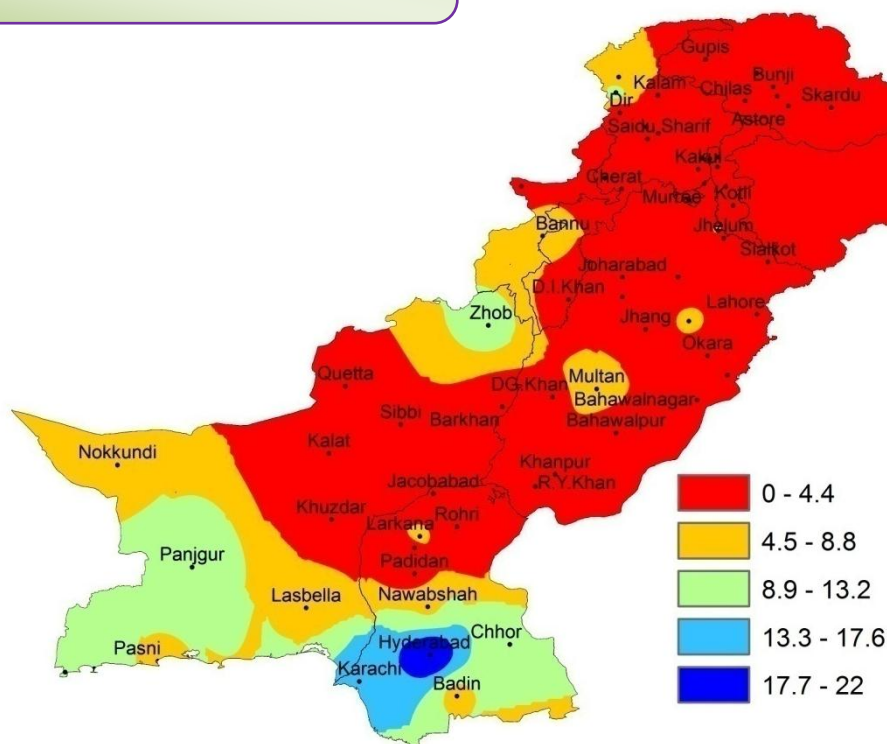
Mean Relative Humidity (%) during the
Previous Week (From 10th to 16th August, 2015)



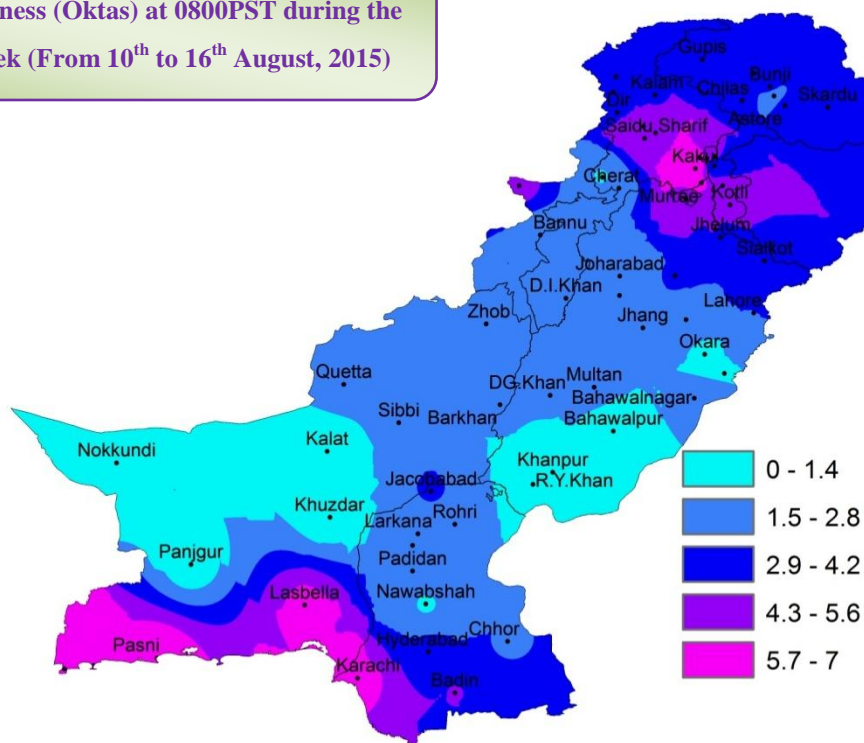
Mean Wind Speed (Knots) at 0800 PST during the
Previous Week (From 10th to 16th August, 2015)



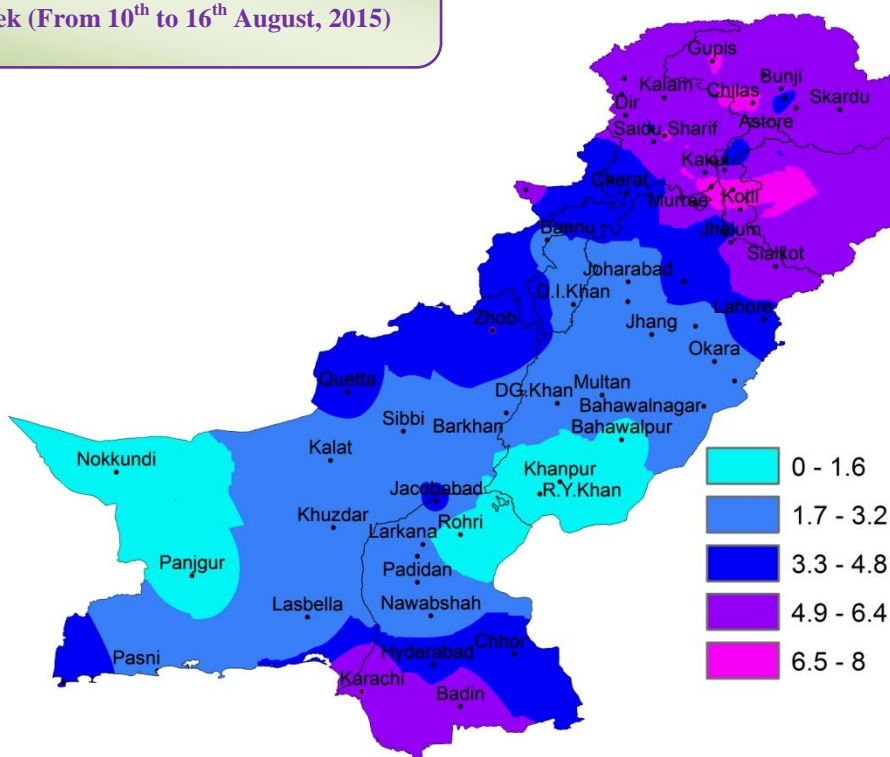
Mean Wind Speed (Knots) at 1700 PST during the
Previous Week (From 10th to 16th August, 2015)



Mean Cloudiness (Oktas) at 0800PST during the
Previous Week (From 10th to 16th August, 2015)



Mean Cloudiness (Oktas) at 1700PST during the
Previous Week (From 10th to 16th August, 2015)



Weekly Weather Advisory for Farmers
(From 17th to 22nd August, 2015)

Seasonal low lies over west Baluchistan and adjoining area with its trough extending northeastwards. Weak monsoon currents are penetrating into northeastern parts of the country. A shallow westerly wave is also prevailing over upper parts of the country and likely to move northeastwards in next 18 to 24 hours.

MONDAY

17-08-2015

Mainly hot and humid weather is expected in most parts of the country. However rain thundershower is expected at isolated places in Hazara, Peshawar, Malakand, Rawalpindi, Sargodha, Lahore, Gujranwala divisions, Islamabad, upper FATA, and Kashmir.

TUESDAY

18-08-2015

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is expected at isolated places in Kashmir, Islamabad, Rawalpindi, Gujranwala, Lahore and Hazara divisions.

WEDNESDAY

19-08-2015

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

THURSDAY

20-08-2015

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is expected at isolated places in Hazara, Rawalpindi, Gujranwala divisions, Islamabad, Kashmir and adjoining hilly areas.

FRIDAY

21-08-2015

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is

expected at isolated places of Gujranwala, Rawalpindi, Lahore, Sargodha, Hazara, Peshawar divisions, Islamabad, Kashmir and adjoining hilly areas.

SATURDAY

22-08-2015

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is expected at isolated places of Gujranwala, Rawalpindi, and Lahore, Hazara, Peshawar divisions, Islamabad, Kashmir and adjoining hilly areas.

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.
- Weather forecast should be kept in mind before spraying chemicals.

National Weather Data of Selected Cities
(Weekly Data from 10th to 16th August, 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	27.8	30.0	79.2	61	7.4	4.5	5.5	0.3	2.3
Badin	34.1	34.5	168.5	75	0.2	4.6	5.5	6.8	8.7
Bahawalnagar	37.6	39.5	197.0	71	6.0	3.5	4.2	0.7	1.0
Bahawalpur	37.2	39.0	179.0	71	62.0	2.3	3.5	4.0	2.7
Balakot	32.5	34.0	139.1	78	4.5	5.2	4.3	0.0	5.8
Bannu	36.4	37.5	162.3	66	0.0	1.8	1.3	0.0	4.2
Barkhan	34.8	35.0	145.8	61	0.0	0.7	0.0	0.0	1.3
Bunji	35.2	37.8	138.3	53	2.1	4.8	5.7	1.3	0.8
Cherat	26.1	28.0	109.5	79	19.0	5.0	4.8	2.0	2.3
Chhor	35.8	36.2	162.4	72	8.0	4.4	2.5	5.6	7.0
Chilas	38.2	41.2	159.2	37	1.0	4.5	5.0	4.3	4.0
Chitral	33.6	34.6	119.4	65	0.0	4.2	4.5	0.0	3.0
D.I.K.	38.0	39.5	171.9	76	13.0	0.5	0.3	0.0	0.3
Dalbandin	42.3	43.0	162.5	24	0.0	0.0	0.3	1.7	3.3
D.G.Khan	36.5	38.0	168.9	67	3.0	1.8	1.2	3.0	4.7
Dir	32.5	35.0	118.5	81	5.0	6.2	2.7	0.0	1.7
Drosh	35.0	35.5	138.8	58	0.0	3.8	4.3	0.0	9.0
Faisalabad	38.0	38.8	188.3	72	26.2	0.0	2.7	0.8	1.0
Garidopatta	33.6	37.0	162.1	75	35.4	6.0	3.5	0.3	3.3
Gawader	32.9	33.0	150.3	75	0.0	6.2	3.5	0.7	7.0
Gilgit	34.1	36.5	117.2	66	10.2	4.8	4.5	0.0	2.3

Gupis	29.1	29.5	96.9	53	0.0	2.3	5.0	0.3	2.0
Hyderabad	34.8	35.5	162.8	64	0.0	2.7	1.8	1.7	12.3
Islamabad	32.7	35.0	140.9	75	49.4	3.7	4.3	1.6	6.7
Jacobabad	37.2	39.5	171.8	70	0.0	0.0	1.2	1.7	1.7
Jhang	37.2	38.2	175.2	76	46.0	2.0	2.5	0.3	0.7
Jhelum	36.4	37.5	157.5	76	128.4	4.8	4.0	0.3	2.0
Jiwani	31.3	32.2	147.9	76	0.0	6.0	3.5	3.0	7.7
Joharabad	35.8	38.6	163.0	84	54.0	2.7	2.7	0.3	2.0
Kakul	29.6	31.5	120.5	81	5.0	6.3	5.2	0.0	1.7
Kalam	25.5	27.0	82.3	77	19.0	3.5	6.3	0.0	1.0
Kalat	32.5	33.0	99.0	30	0.0	0.0	1.0	0.0	0.0
Karachi	33.2	34.5	161.6	68	0.0	7.2	5.2	10.3	11.7
Khanpur	37.5	38.5	171.2	72	1.0	0.0	1.8	1.7	2.7
Khuzdar	37.8	38.5	157.0	21	0.0	0.0	1.2	0.0	0.3
Kotli	33.2	34.4	158.2	73	22.0	6.8	5.5	1.0	1.8
Lahore	36.2	37.0	164.0	79	23.0	4.2	6.8	0.7	1.3
Larkana	37.8	39.0	176.8	71	0.1	0.0	0.8	3.0	4.0
Lasbella	37.9	39.0	150.8	65	0.1	2.8	0.3	0.0	6.3
Lower Dir	35.5	37.0	162.0	68	0.0	5.7	3.3	0.0	2.0
M.B Din	36.7	38.0	158.3	78	9.1	5.3	4.7	0.0	0.0
Malam Jabba	21.1	21.5	76.8	80	21.0	6.2	6.2	0.0	0.0
Mangla	35.2	36.5	156.6	78	64.5	5.8	5.7	1.0	5.0
Mir Khani	36.0	37.6	132.4	35	0.0	2.3	2.8	0.0	0.7
Moinjodaro	36.9	37.5	170.5	63	0.0	0.0	0.7	7.3	4.0
Multan	36.7	38.5	178.1	69	17.5	3.8	2.5	4.0	6.0
Murree	23.1	25.5	90.5	90	11.3	5.5	8.0	1.3	0.7

Muzaffarabad	32.6	35.0	151.2	78	18.0	5.7	4.7	0.0	1.7
Nawabshah	37.9	39.5	168.5	58	0.0	0.8	2.0	6.2	8.2
Nokkundi	40.6	42.0	176.0	17	0.0	0.0	0.0	7.7	8.0
Noorpurthal	38.1	41.5	172.2	75	21.6	1.5	3.3	0.0	1.0
Okara	38.0	39.5	182.2	78	3.0	4.8	5.0	1.0	0.7
Padidan	36.6	38.5	171.8	66	0.0	0.3	1.7	1.7	2.7
Panjgur	38.3	39.0	160.8	33	0.0	0.0	0.3	3.3	8.0
Parachinar	25.9	29.5	100.9	79	107.0	5.5	5.7	3.0	3.0
Pasni	32.1	32.5	145.8	78	0.0	7.0	1.8	3.3	9.3
Pattan	37.3	39.0	159.8	59	3.2	4.8	3.3	0.3	2.3
Peshawar	34.9	37.0	165.5	77	0.1	3.3	3.0	0.7	1.7
Quetta	34.9	37.0	159.6	24	0.0	3.4	3.8	2.8	3.8
Rahim Yar Khan	39.9	40.8	173.2	65	0.0	0.8	1.8	2.0	0.7
Rawalakot	26.9	29.5	109.9	87	11.5	4.7	5.0	0.0	2.3
Rohri	38.3	39.0	179.5	62	0.0	0.7	1.3	3.7	3.3
Rawalpindi	32.7	35.0	160.5	76	33.2	4.9	3.6	0.3	0.3
Sahiwal	36.9	38.0	175.3	75	15.0	2.3	4.5	1.3	1.7
Saidu Sharif	32.9	34.0	145.3	76	1.2	3.8	2.2	0.0	0.0
Sialkot	34.8	36.8	156.6	82	67.3	6.0	6.7	0.0	0.3
Sibbi	41.0	42.0	152.3	57	7.0	0.7	0.0	1.3	2.3
Skardu	32.3	33.4	87.8	57	1.0	4.7	5.5	0.0	2.8
Tandojam	34.9	35.5	176.9	73	0.0	3.4	2.9	3.6	5.7
Usta.M	37.1	38.5	194.3	61	0.0	3.0	3.0	0.5	1.1
Zhob	36.3	36.5	149.3	45	28.0	0.3	0.3	5.0	5.0

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