

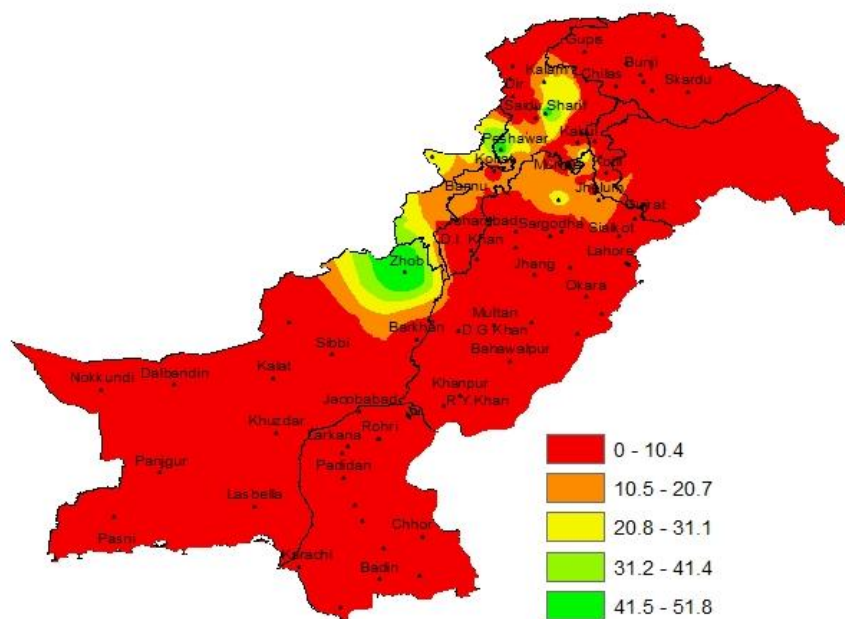
Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (From 31st Aug to 6th Sep, 2015)**



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Highlights of Past Weather (From 31st Aug to 6th Sep, 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
- Dry weather was reported in Sindh.
- Light rainfall reported at isolated places in Balochistan.

Past Weather of Provinces (From 31st Aug to 6th Sep, 2015)**Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 36.0°C & 24.1°C respectively. For the present season average 152.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening 1.9/2.8Knots. During the previous week the highest amount of rainfall was recorded 28.0 mm at Murree & highest maximum temperature was recorded 41.0°C at Bhakkar.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 35.4°C & 24.9°C respectively. For the present season average 157.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 65% and wind speed in the morning/evening recorded 4.8/6.4Knots. During the previous week the highest maximum temperature was recorded 39.5°C at Sukkur.

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 27.7°C & 16.0°C respectively. For the present season average 85.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 53% and wind speed in the morning/evening recorded 1.1/2.7 Knots. During the previous week the highest amount of rainfall was recorded 9.0mm at Kotli & highest maximum temperature was recorded 38.6°C at Chilas.

Balochistan

Light rainfall reported at isolated places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 36.3°C & 20.5°C respectively. For the present season average 125.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 45% and wind speed in the morning/evening recorded 1.6/6.2 Knots. During the previous week the highest amount of rainfall was recorded 52.0mm at Zhob & highest maximum temperature was recorded 44.5°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 30.6°C & 17.3°C respectively. For the present season average 96.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 61% and wind speed in the morning/evening recorded 0.6/3.4 Knots. During the previous week the highest amount of rainfall was recorded 53.0 mm at Malam Jabba & highest maximum temperature was recorded 37.5°C at Bannu.

**Past Weather for Major Agricultural Plains
(From 31st Aug to 6th Sep, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 6.2mm during the week; however cloudiness in the morning/evening recorded 2.2/0.4 Oktas while, average relative humidity observed as 58%. Mean day time temperature recorded 35.4°C & for the present season 167.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.8/1.2 Knots.

Faisalabad (Central Punjab)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.1/1.0 Oktas while, average relative humidity observed as 62%. Mean day time temperature recorded 37.0°C & for the present season 184.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.3 Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.4 Oktas while, average relative humidity observed as 16%. Mean day time temperature recorded 30.6°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 1.5/3.8 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/1.7 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 35.9°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 1.1/4.0 Knots.

Tandojam (Lower Sindh)

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 71%. Mean day time temperature recorded 35.2°C & for the present season 169.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 3.8/4.0 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 31st Aug to 6th Sep, 2015)****Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.7 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 36.7°C & for the present season 155.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 6.9/9.7 Knots.

Rohri

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/0.4 Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 38.3°C & for the present season 165.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/2.3 Knots.

Lahore

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.1/1.0 Oktas while, average relative humidity observed as 54%. Mean day time temperature recorded 36.4°C & for the present season 164.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/4.0 Knots.

Zhob

Rainfall reported as 52.0mm during the week; however cloudiness in the morning/evening recorded 0.9/2.3 Oktas while, average relative humidity observed as 37%. Mean day time temperature recorded 33.8°C & for the present season 104.0 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 2.0mm during the week; however cloudiness in the morning/evening recorded 1.1/1.0 Oktas while, average relative humidity observed as 61%. Mean day time temperature recorded 36.7°C & for the present season 149.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.1 Knots.

Peshawar

Rainfall reported 47.0mm during the week; however cloudiness in the morning/evening recorded 1.7/3.9 Oktas while, average relative humidity observed as 72%. Mean day time temperature recorded 34.7°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 1.1/3.1 Knots.

Murree

Rainfall reported as 28.0mm during the week; however cloudiness in the morning/evening recorded 3.0/1.1 Oktas while, average relative humidity observed as 67%. Mean day time temperature recorded 23.4°C & for the present season 59.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/0.3 Knots.

Kalam

Rainfall reported as 21.0mm during the week; however cloudiness in the morning/evening recorded 2.1/5.3 Oktas while, average relative humidity observed as 65%. Mean day time temperature recorded 24.8°C & for the present season 42.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.6 Knots.

Gilgit

Rainfall reported as 3.4mm during the week; however cloudiness in the morning/evening recorded 3.7/5.6 Oktas while, average relative humidity observed as 49%. Mean day time temperature recorded 31.7°C & for the present season 84.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/6.0 Knots.

Skardu

Rainfall reported as 1.4mm during the week; however cloudiness in the morning/evening recorded 3.6/6.3 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 26.9°C & for the present season 51.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/3.7 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 *Boll Opening* stage.

Lower Sindh (Tandojam)

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

Cotton: Good condition at *Boll Opening* stage.

Northern Balochistan (Quetta)

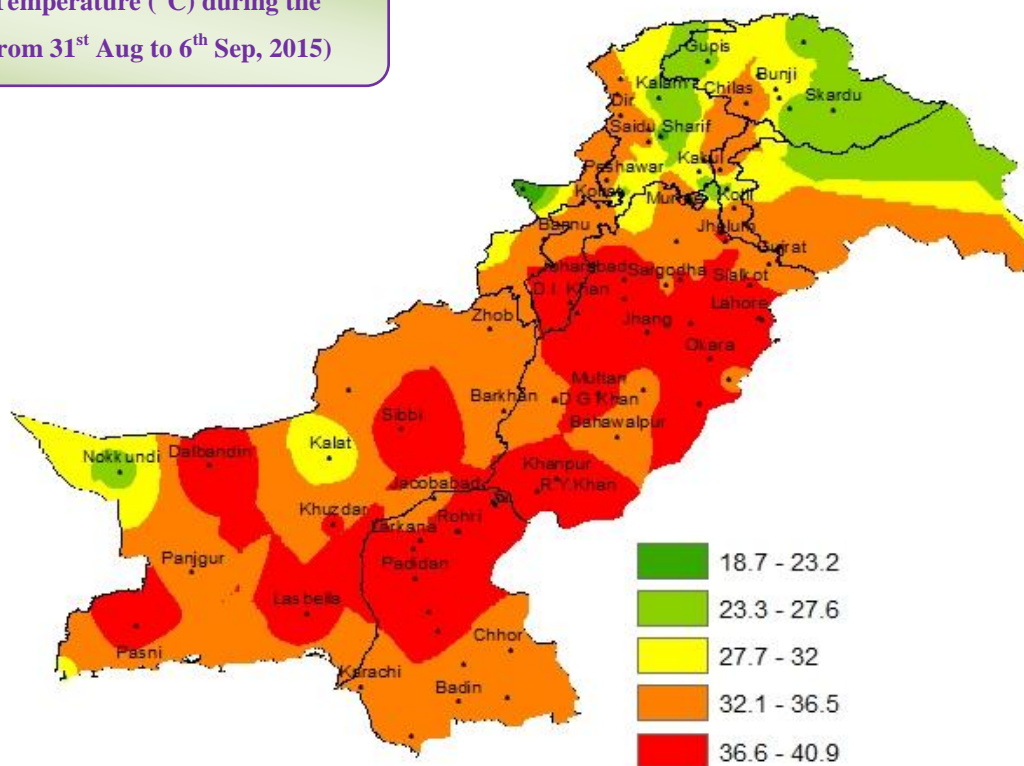
There is presently no crop grown in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

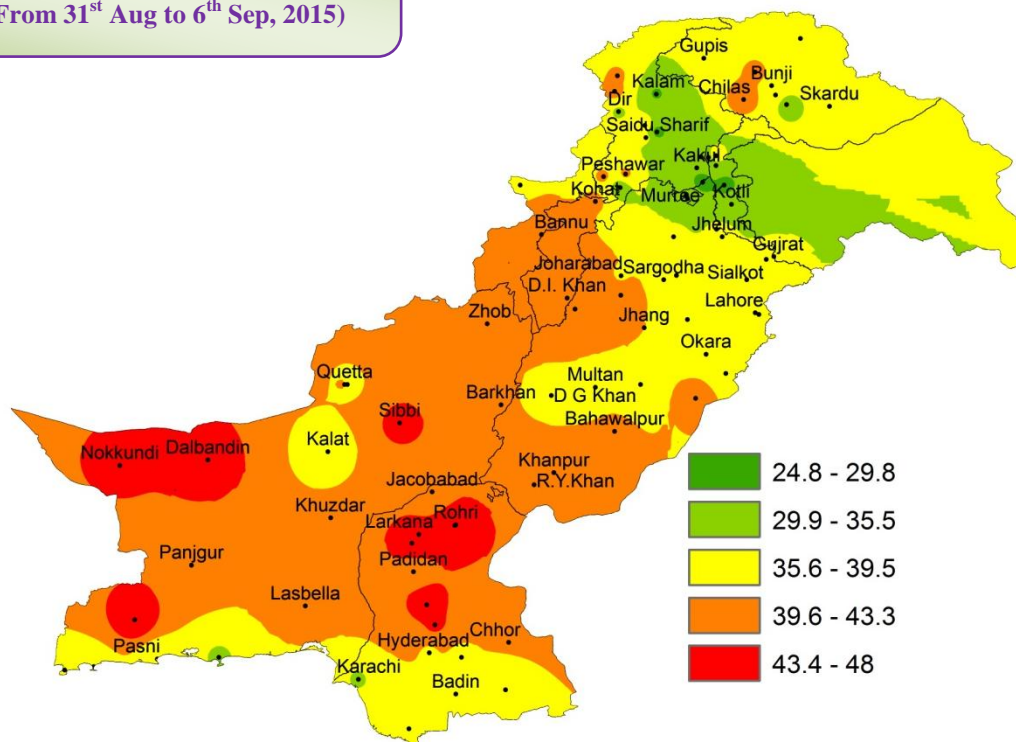
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Shooting* stage.

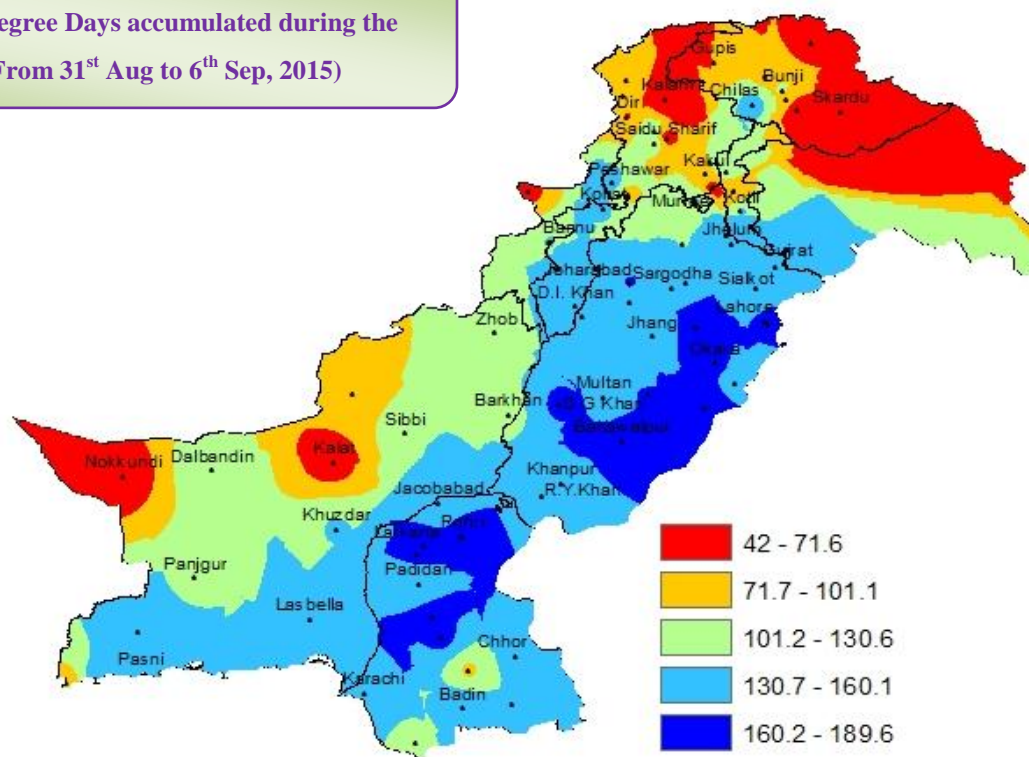
Mean Maximum Temperature ($^{\circ}\text{C}$) during the
Previous Week (From 31st Aug to 6th Sep, 2015)



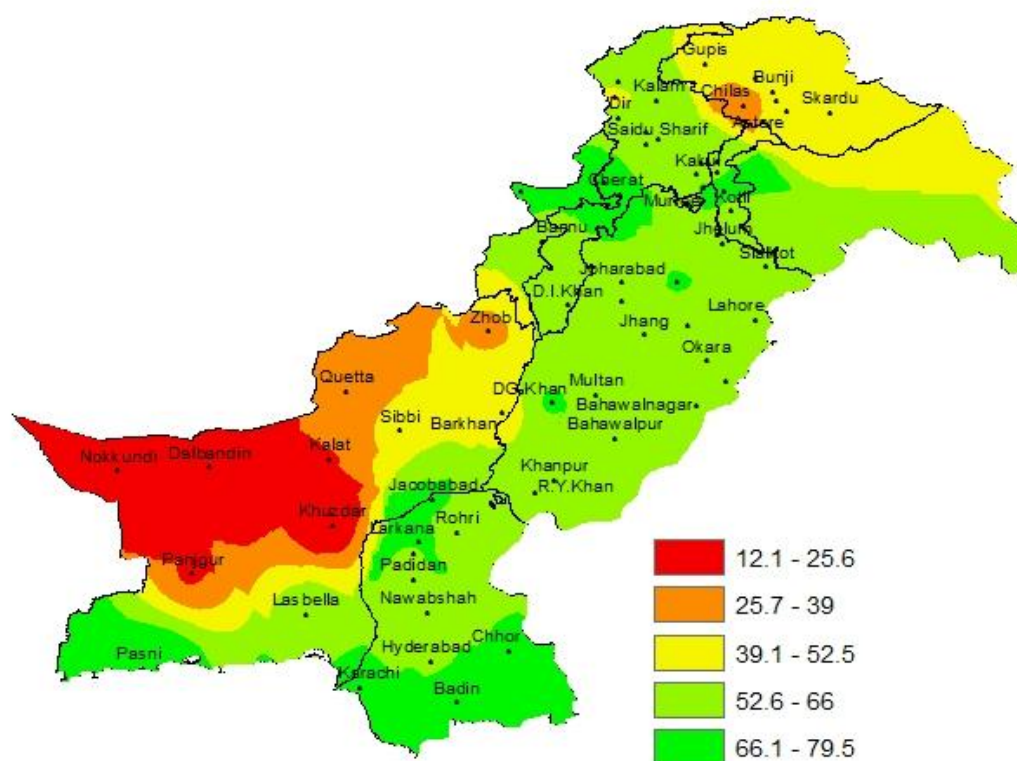
Highest Maximum Temperature ($^{\circ}\text{C}$) during the
Previous Week (From 31st Aug to 6th Sep, 2015)



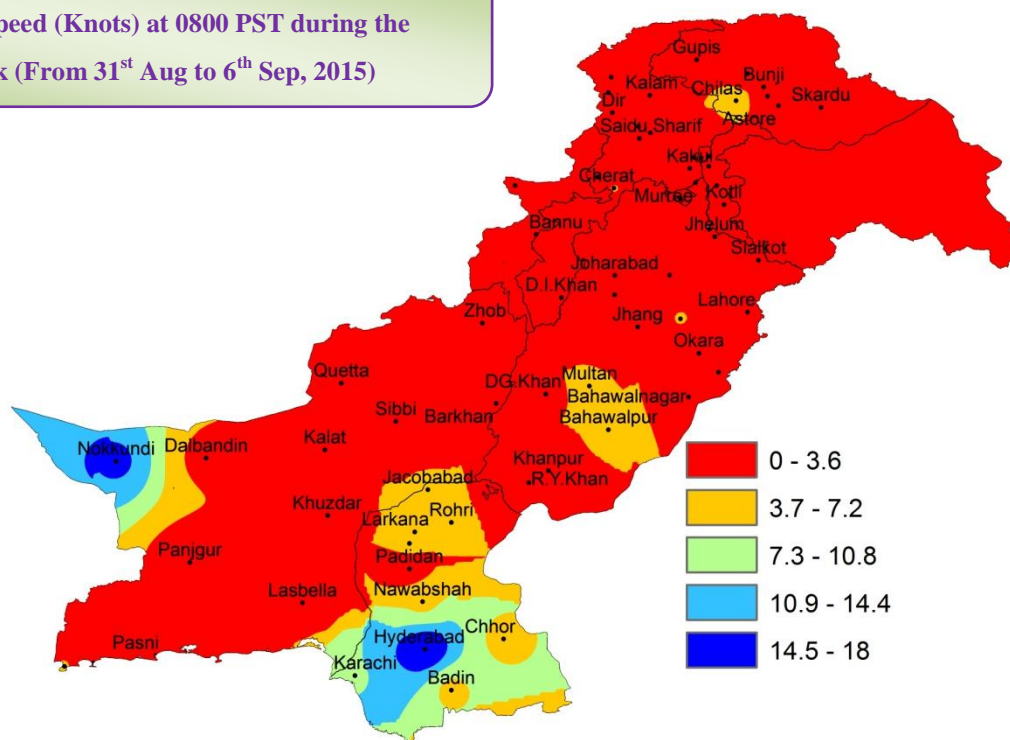
Total Growing Degree Days accumulated during the
Previous Week (From 31st Aug to 6th Sep, 2015)



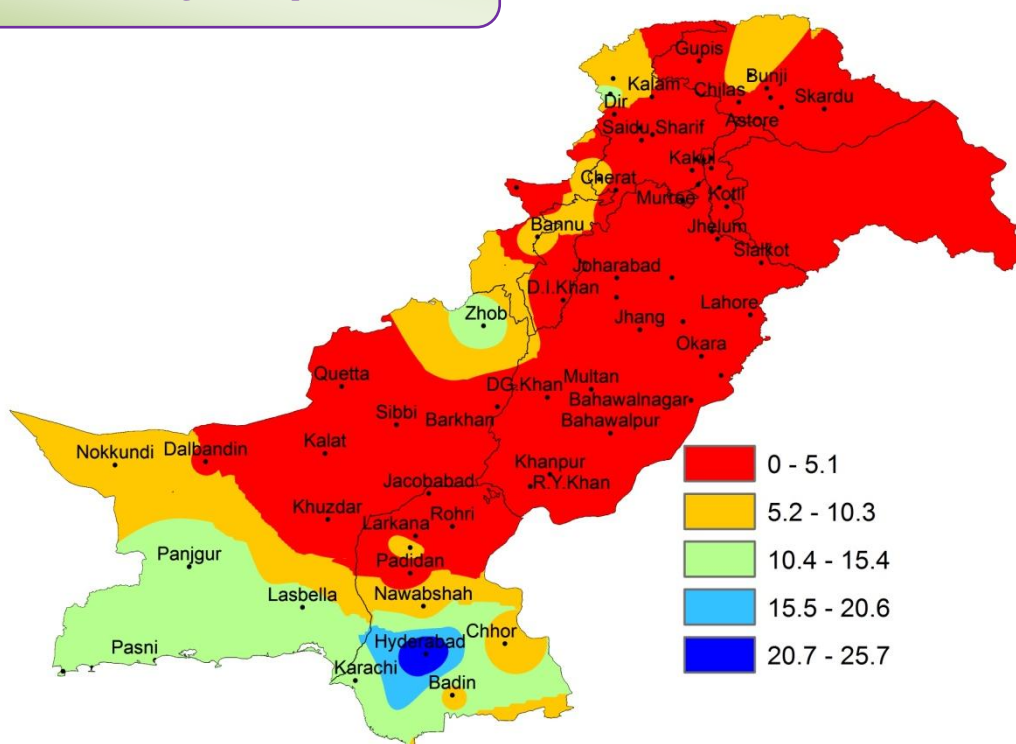
Mean Relative Humidity (%) during the
Previous Week (From 31st Aug to 6th Sep, 2015)



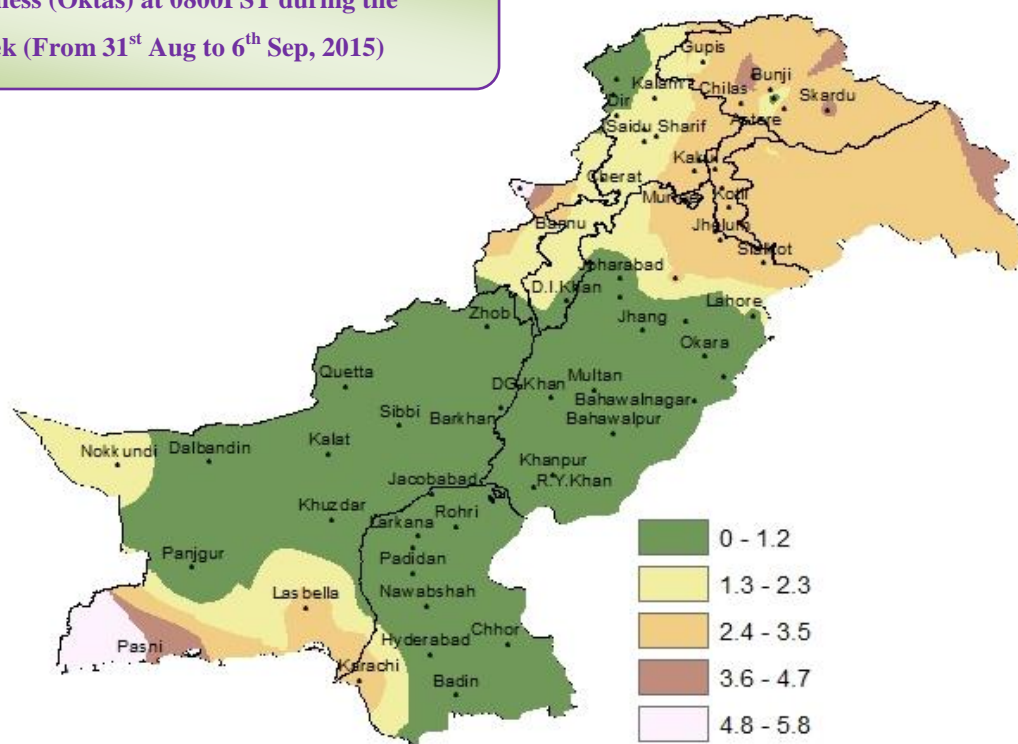
Mean Wind Speed (Knots) at 0800 PST during the
Previous Week (From 31st Aug to 6th Sep, 2015)



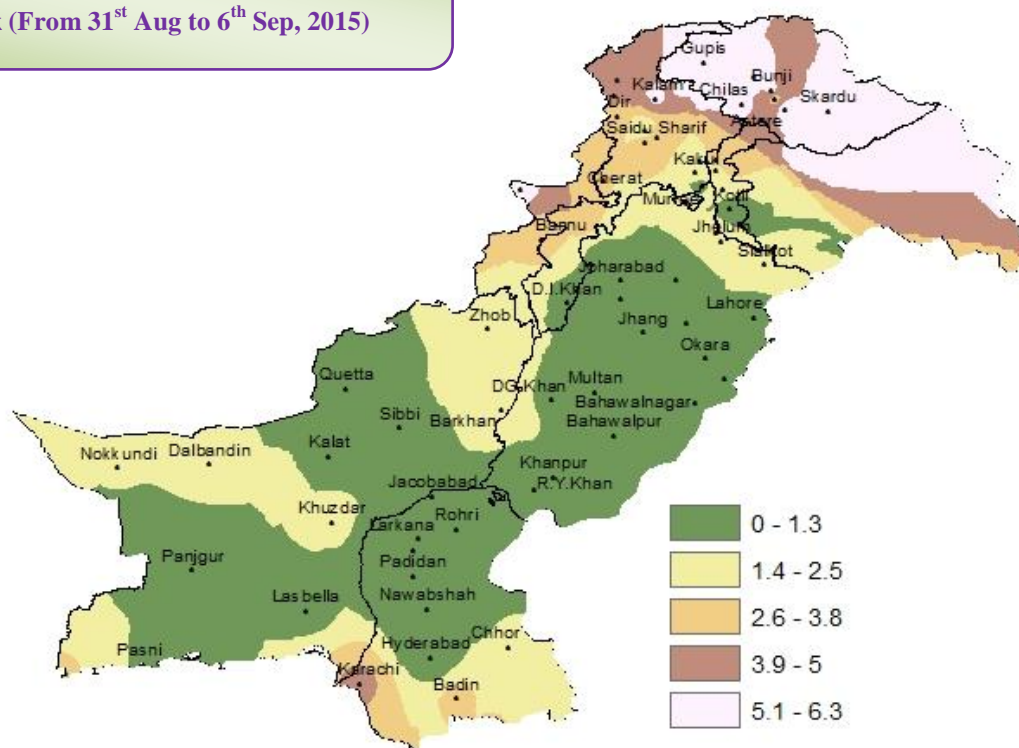
Mean Wind Speed (Knots) at 1700 PST during the
Previous Week (From 31st Aug to 6th Sep, 2015)



Mean Cloudiness (Oktas) at 0800PST during the
Previous Week (From 31st Aug to 6th Sep, 2015)



Mean Cloudiness (Oktas) at 1700PST during the
Previous Week (From 31st Aug to 6th Sep, 2015)



Weekly Weather Advisory for Farmers
(From 7th to 13th September, 2015)

Seasonal low lies over north Balochistan and its adjoining areas. A shallow westerly wave is still present over northern parts and its adjoining areas and likely to persist during next 2 days.

MONDAY
07-09-2015

Mainly hot and dry weather is expected in most parts of the country. However rain-thunderstorm is expected at isolated places in Malakand, Hazara division, Gilgit-Baltistan and Kashmir during evening/night.

TUESDAY
08-09-2015

Mainly hot and dry weather is expected in most parts of the country. However rain-thunderstorm is expected at isolated places in Malakand, Hazara, Rawalpindi division, Gilgit-Baltistan and Kashmir during evening/night.

WEDNESDAY
09-09-2015

Mainly hot and dry weather is expected in most parts of the country. However rain-thunderstorm is expected at isolated places in Gilgit-Baltistan and Kashmir during evening/night.

THURSDAY
10-09-2015

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

FRIDAY
11-09-2015

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

SATURDAY
12-09-2015

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

SUNDAY
13-09-2015

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

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 31st August to 6th September, 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	23.2	26.5	41.5	52	4.7	3.4	5.9	0.0	2.6
Badin	33.8	35.0	157.6	70	0.0	0.0	2.9	4.9	5.7
Bahawalnagar	37.4	38.0	189.7	56	0.0	0.0	0.4	1.1	3.4
Bahawalpur	36.3	37.1	163.7	61	0.0	0.3	0.1	6.6	3.4
Balakot	32.4	33.0	101.1	64	1.2	3.4	2.0	0.0	0.0
Bannu	35.9	37.6	131.1	61	16.1	1.9	2.9	1.1	4.0
Barkhan	34.5	36.0	120.5	45	6.0	0.0	2.3	0.0	1.7
Bunji	31.7	33.9	106.3	39	2.2	3.6	5.4	0.0	2.0
Cherat	27.0	29.5	90.5	66	16.0	2.3	1.7	2.3	2.9
Chhor	35.3	36.5	146.6	67	0.0	0.7	1.6	4.6	5.1
Chilas	35.7	38.6	142.3	26	1.2	3.3	5.3	1.7	4.6
Chitral	32.0	34.0	84.3	63	0.0	0.3	3.9	0.0	8.3
D.I.Khan	36.7	38.2	149.6	61	2.0	1.1	1.0	0.9	1.1
Dalbandin	39.7	41.0	126.3	17	0.0	0.4	1.7	1.1	2.3
D.G.Khan	36.5	37.0	164.6	68	0.1	0.3	1.0	2.6	4.9
Dir	32.1	33.0	70.5	64	2.0	1.3	3.1	0.0	1.1
Drosh	32.8	34.4	90.5	41	0.0	0.4	4.3	0.0	13.7
Faisalabad	37.0	38.0	184.7	62	0.0	0.1	1.0	0.9	1.3
Garidopatta	34.5	35.3	122.9	64	2.3	3.3	2.1	2.7	1.4
Gawader	33.4	34.0	150.0	76	0.0	5.4	2.4	0.0	10.0
Gilgit	31.7	36.0	84.0	49	3.4	3.7	5.6	2.3	6.0
Gupis	27.0	29.0	71.5	44	2.0	2.3	5.6	1.4	2.6

Hyderabad	34.4	35.2	***	66	0.0	0.8	0.0	14.0	17.7
Islamabad	34.4	36.0	120.5	65	4.1	2.6	1.4	0.0	0.6
Jacobabad	35.4	37.0	150.8	68	0.0	0.0	0.6	0.9	2.9
Jhang	37.0	37.8	149.9	63	0.0	0.0	0.0	0.6	0.3
Jhelum	36.5	37.5	136.5	65	19.1	2.4	1.4	0.3	1.4
Jiwani	31.0	31.5	82.0	72	0.0	5.8	2.7	1.7	8.3
Joharabad	37.9	39.0	160.8	64	0.0	1.0	0.0	0.6	1.1
Kakul	29.1	30.0	86.8	59	7.0	3.1	1.3	0.0	1.1
Kalam	24.8	27.0	42.0	65	21.0	2.1	5.3	0.0	0.6
Kalat	29.3	32.0	57.8	25	0.0	0.0	1.1	0.0	0.3
Karachi	32.9	34.0	152.8	68	0.0	3.0	4.1	7.1	12.3
Khanpur	36.6	37.5	159.5	65	0.0	0.0	0.6	0.9	1.1
Khuzdar	36.7	38.0	132.8	14	0.0	0.6	1.4	0.6	4.0
Kotli	33.6	33.9	132.3	60	9.0	2.6	0.4	2.6	1.7
Lahore	36.4	36.6	164.3	54	0.0	1.1	1.0	0.3	4.0
Larkana	36.5	38.0	165.6	71	0.0	0.6	0.6	3.4	3.4
Lasbella	37.3	39.5	136.3	62	0.0	2.4	0.9	0.0	8.3
Lower Dir	35.8	36.5	119.0	53	0.0	1.6	1.4	1.1	2.3
M.B Din	36.8	37.5	157.5	66	2.1	2.4	0.3	1.1	0.3
Malam Jabba	19.6	20.0	51.3	60	53.0	2.0	3.4	0.0	0.0
Mangla	36.6	37.5	154.8	59	8.0	3.1	2.0	1.7	3.1
Mir Khani	32.2	34.4	90.0	52	1.0	0.3	3.1	0.0	6.7
Moinjodaro	36.7	37.0	161.1	64	0.0	0.0	0.3	4.3	4.3
Multan	36.7	38.2	155.9	60	0.0	0.0	0.7	6.9	9.7
Murree	23.4	24.5	59.3	67	28.0	3.0	1.1	0.9	0.3
Muzaffarabad	33.0	34.0	109.0	61	5.1	2.7	2.1	0.6	2.6

Nawabshah	38.0	39.5	164.3	59	0.0	0.0	0.0	4.6	9.1
Nokkundi	38.1	40.0	149.8	12	0.0	1.6	1.3	6.6	9.4
Noorpurthal	40.1	41.0	151.3	62	0.0	1.0	1.1	1.1	0.6
Okara	38.0	38.5	165.1	58	0.0	0.0	0.7	2.3	3.1
Padidan	36.5	37.0	151.4	65	0.0	0.0	0.0	2.3	2.0
Panjgur	35.3	36.0	123.0	24	0.0	0.0	0.0	1.1	14.0
Parachinar	18.7	20.5	63.5	70	27.2	5.0	5.4	3.0	3.0
Pasni	32.1	34.0	146.8	80	0.0	4.6	0.0	2.0	14.6
Peshawar	34.7	36.5	143.3	72	47.0	1.7	3.9	1.1	3.1
Quetta	30.6	31.6	199.5	16	0.0	0.0	0.4	1.5	3.8
R.Y.Khan	39.1	39.8	152.8	62	0.0	0.0	0.0	3.7	3.4
Rawalakot	27.2	28.0	70.4	75	7.1	2.9	2.3	0.6	1.7
Rohri	38.3	39.0	165.3	55	0.0	1.0	0.4	1.4	2.3
Rawalpindi	35.4	37.0	167.3	58	6.2	2.2	0.4	0.8	1.2
Sahiwal	36.1	37.0	143.9	63	0.0	0.0	0.3	2.0	3.1
Saidu Sharif	33.7	34.5	114.1	58	3.0	1.4	3.0	0.0	2.6
Sialkot	35.7	36.0	149.4	64	0.0	3.1	1.6	0.9	2.3
Sibbi	40.8	42.0	127.8	47	0.0	0.9	0.6	0.0	1.7
Skardu	26.9	30.4	51.9	50	1.4	3.6	6.3	0.0	3.7
Tandojam	35.2	36.5	169.8	71	0.0	0.0	0.0	3.8	4.0
Usta.M	35.9	36.5	179.5	53	0.0	1.0	1.7	1.1	4.0
Zhob	33.8	35.0	104.0	37	52.0	0.9	2.3	5.0	5.0

*** Shows the data is not available.