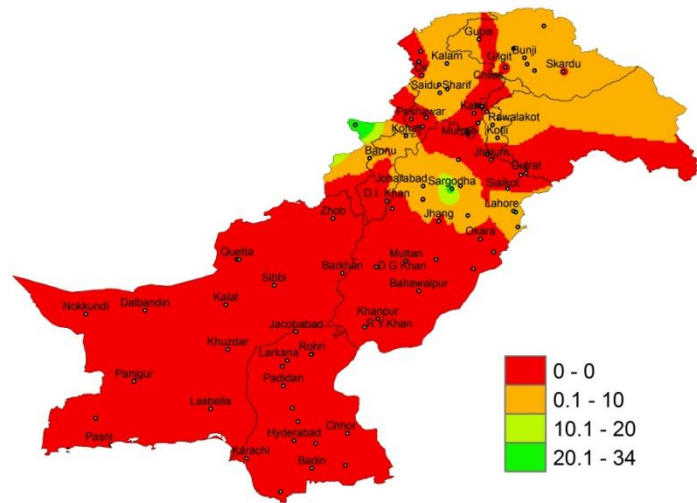


Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (From 7th to 13th Sep, 2015)**

Highlights of Past Weather (From 7th to 13th Sep, 2015)

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 isolated 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.

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Chief Editor: Ch. Muhammad Aslam (Director)

Editor: Asma Jawad Hashmi (Deputy Director)

Past Weather of Provinces (From 7th to 13th Sep, 2015)**Punjab**

Light to moderate rainfall reported at isolated places in Punjab during the week. Weekly maximum and minimum temperatures recorded 37.1°C & 23.8°C respectively. For the present season average 146.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 58% and wind speed in the morning/evening 0.9/2.7 Knots. During the previous week the highest amount of rainfall was recorded 24.0 mm at Sargodha & highest maximum temperature was recorded 42.0°C at Noorpur Thal.

Sindh

Weather remained dry in Sindh during the week. Weekly maximum and minimum temperatures recorded 37.2°C & 25.2°C respectively. For the present season average 176.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 61% and wind speed in the morning/evening recorded 3.2/4.4 Knots. During the previous week the highest highest maximum temperature was recorded 41.5°C at Nawabshah.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light rainfall reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 30.1°C & 14.1°C respectively. For the present season average 81.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 0.5/2.0 Knots. During the previous week the highest amount of rainfall was recorded 6.5mm at Astore & highest maximum temperature was recorded 37.8°C at Chilas.

Balochistan

Weather remained dry in Balochistan during the week. Weekly maximum and minimum temperatures recorded 35.5°C & 20.2°C respectively. For the present season average 148.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 49% and wind speed in the morning/evening recorded 1.3/4.5 Knots. During the previous week highest maximum temperature was recorded 43.0°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 32.1°C & 16.5°C respectively. For the present season average 130.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening recorded 0.5/3.1 Knots. During the previous week the highest amount of rainfall was recorded 43.1 mm at Parachinar & highest maximum temperature was recorded 40.0°C at D.I.K.

**Past Weather for Major Agricultural Plains
(From 7th to 13th Sep, 2015)****Rawalpindi (Potohar region)**

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 52%. Mean day time temperature recorded 29.2°C & for the present season 169.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.0/1.4 Knots.

Faisalabad (Central Punjab)

Rainfall reported as 2.4mm during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 52%. Mean day time temperature recorded 38.4°C & for the present season 187.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.4 Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/1.3 Oktas while, average relative humidity observed as 19%. Mean day time temperature recorded 31.1°C & for the present season 125.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.6/3.8 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.4/0.7 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 30.8°C & for the present season 180.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.1 Knots.

Tandojam (Lower Sindh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/0.0 Oktas while, average relative humidity observed as 67%. Mean day time temperature recorded 30.3°C & for the present season 177.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 2.3/3.2 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 7th to 13th Sep, 2015)****Multan**

Rainfall reported as 51.0mm during the week; however cloudiness in the morning/evening recorded 0.0/1.2 Oktas while, average relative humidity observed as 51%. Mean day time temperature recorded 38.8°C & for the present season 184.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.2/10.4 Knots.

Rohri

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 52%. Mean day time temperature recorded 40.1°C & for the present season 194.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.6/1.6 Knots.

Lahore

Rainfall reported as 14.2mm during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 51%. Mean day time temperature recorded 38.0°C & for the present season 180.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/3.6 Knots.

Zhob

Rainfall reported as 0.0mm during the week; however cloudiness in the morning/evening recorded 0.0/2.4 Oktas while, average relative humidity observed as 31%. Mean day time temperature recorded 34.0°C & for the present season 117.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/4.8 Knots.

D.I. Khan

Rainfall reported 0.0mm during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 38.9°C & for the present season 171.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0 Knots.

Peshawar

Rainfall reported as 0.0mm during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 35.4°C & for the present season 158.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.2/2.0 Knots.

Murree

Rainfall reported as 8.0mm during the week; however cloudiness in the morning/evening recorded 0.0/1.4 Oktas while, average relative humidity observed as 62%. Mean day time temperature recorded 23.1°C & for the present season 94.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.8/1.6 Knots.

Kalam

Rainfall reported as 10.0mm during the week; however cloudiness in the morning/evening recorded 0.0/7.2 Oktas while, average relative humidity observed as 64%. Mean day time temperature recorded 25.6°C & for the present season 67.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.4 Knots.

Gilgit

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 3.4/4.6 Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 32.8°C & for the present season 104.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.4 Knots.

Skardu

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 2.8/3.6 Oktas while, average relative humidity observed as 49%. Mean day time temperature recorded 27.1°C & for the present season 66.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.2 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 *Ball opening* stage.

Lower Sindh (Tandojam)

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

Cotton: Good condition at *Maturity* stage.

Northern Balochistan (Quetta)

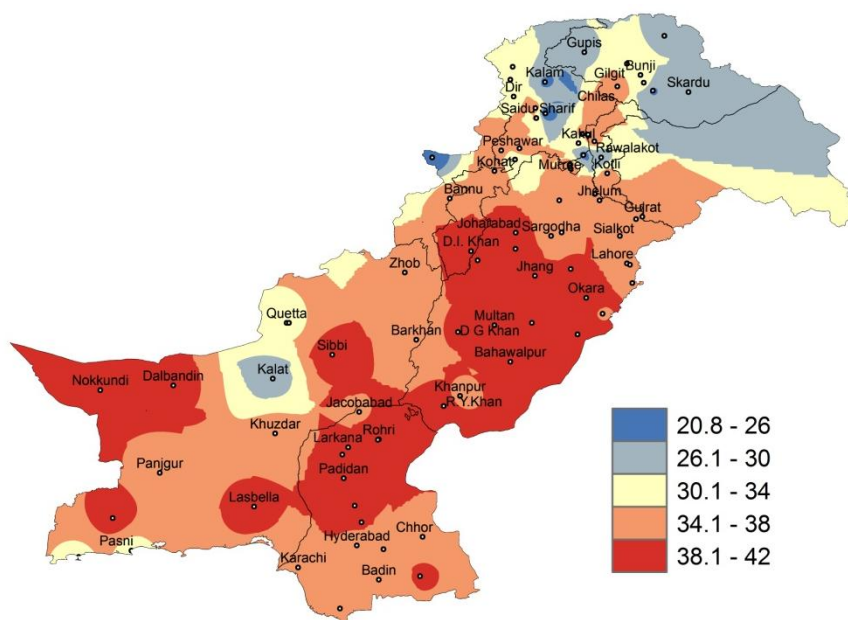
There is presently no crop grown in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

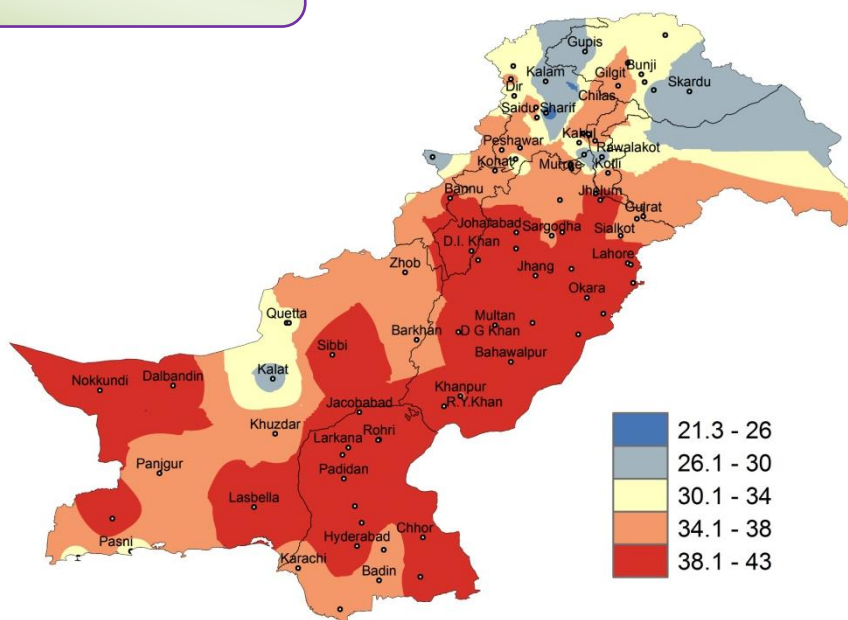
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Flowering* stage.

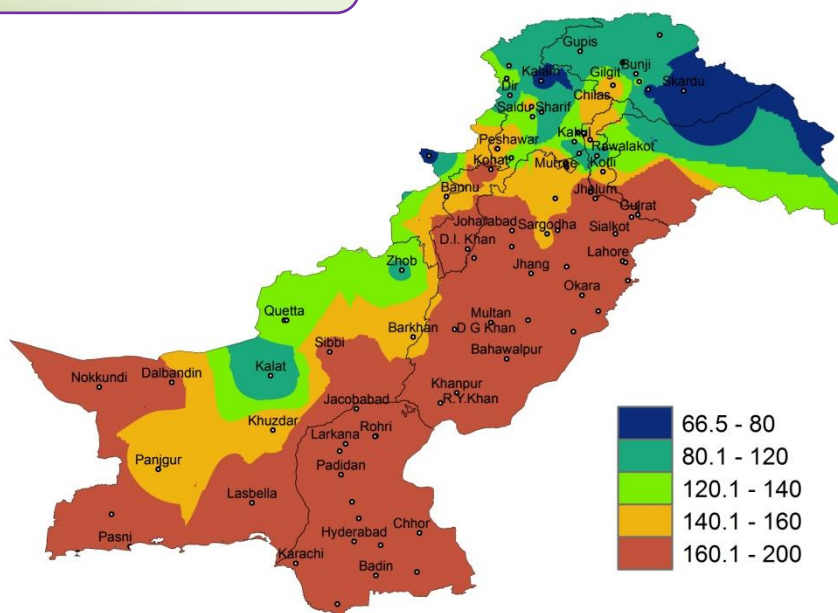
Mean Maximum Temperature (°C) during the
Previous Week (From 7th to 13th Sep, 2015)



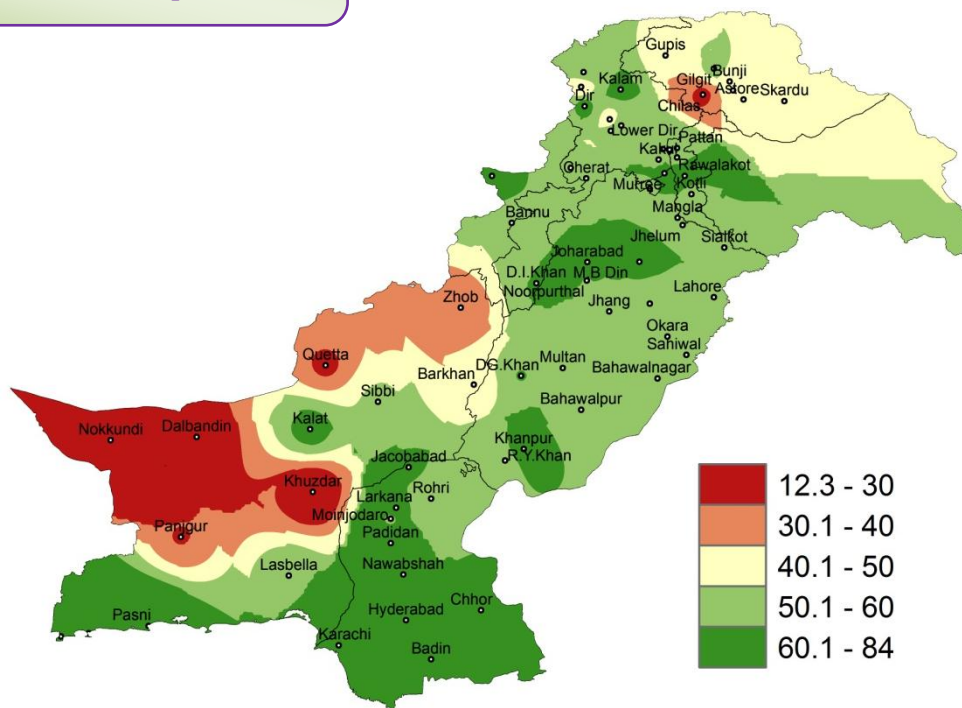
Highest Maximum Temperature (°C) during the
Previous Week (From 7th to 13th Sep, 2015)



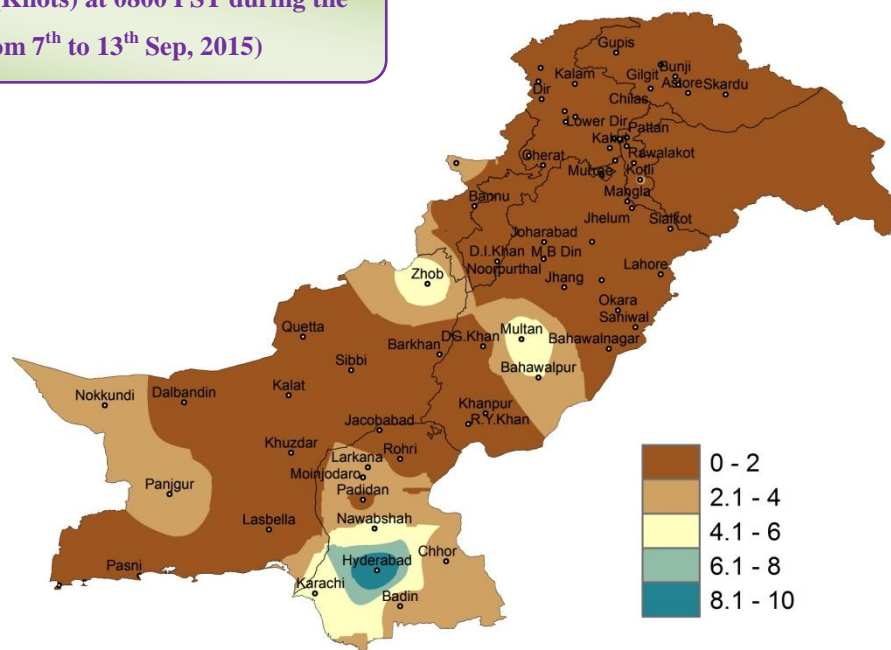
Total Growing Degree Days accumulated during the
Previous Week (From 7th to 13th Sep, 2015)



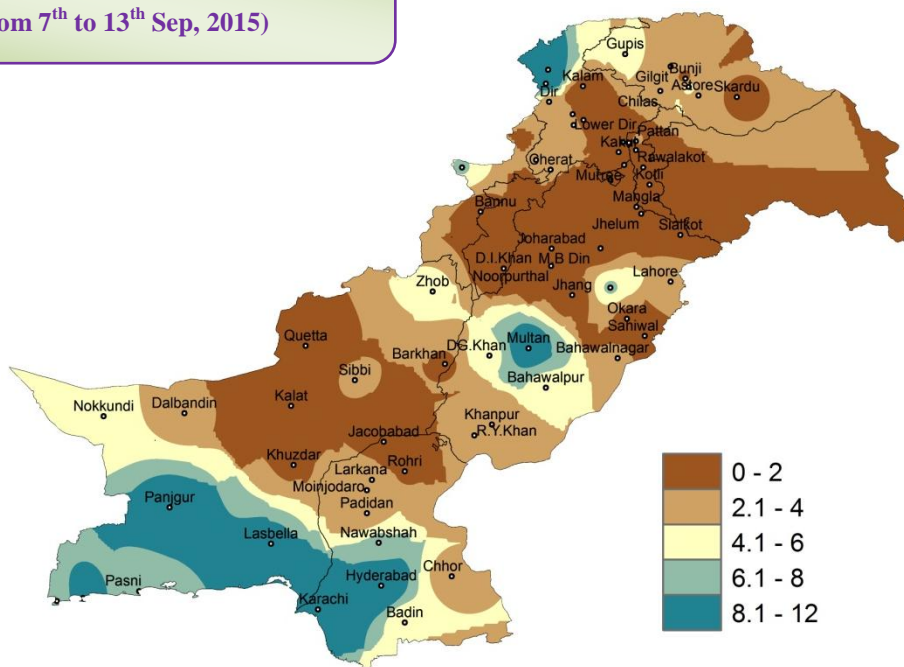
Mean Relative Humidity (%) during the
Previous Week (From 7th to 13th Sep, 2015)



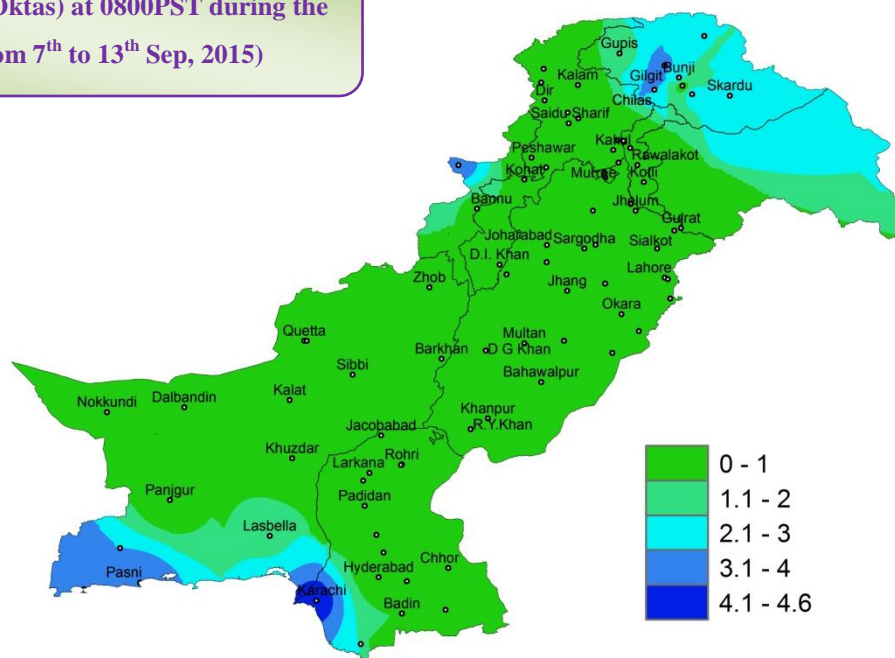
Mean Wind Speed (Knots) at 0800 PST during the
Previous Week (From 7th to 13th Sep, 2015)



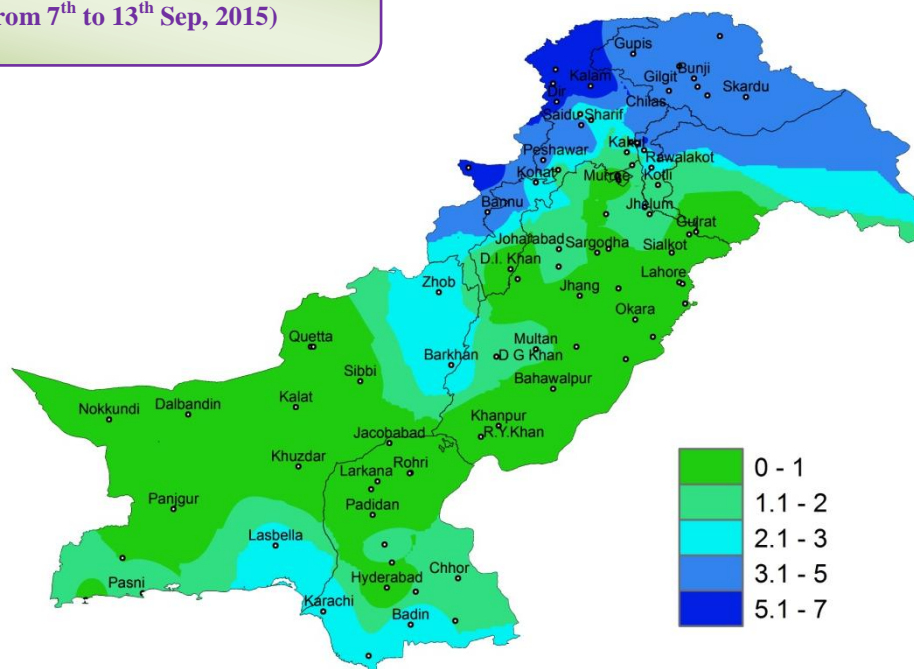
Mean Wind Speed (Knots) at 1700 PST during the
Previous Week (From 7th to 13th Sep, 2015)



Mean Cloudiness (Oktas) at 0800PST during the
Previous Week (From 7th to 13th Sep, 2015)



Mean Cloudiness (Oktas) at 1700PST during the
Previous Week (From 7th to 13th Sep, 2015)



Weekly Weather Advisory for Farmers
(From 14th to 19th September, 2015)

Seasonal low lies over central Balochistan and its adjoining areas. Continental air is prevailing over most parts of the country. A shallow westerly wave is expected to approach upper parts of the country from tomorrow (Monday).

MONDAY

14-09-2015

Mainly hot and dry weather is expected in most parts of the country. However, rain-thunderstorm may occur at isolated places of Malakand, Hazara, Rawalpindi divisions, upper FATA Kashmir and Gilgit-Baltistan.

TUESDAY

15-09-2015

Mainly hot and dry weather is expected in most parts of the country. However rain-thunderstorm may occur at isolated places in Malakand, Hazara, Kohat, and Rawalpindi divisions, Islamabad, Upper Fata, Gilgit-Baltistan and Kashmir.

WEDNESDAY

16-09-2015

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

THURSDAY

17-09-2015

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

FRIDAY

18-09-2015

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

SATURDAY

19-09-2015

Mainly hot and dry weather is expected in most parts of the country. However, rain-thunderstorm may occur at isolated places of Malakand, Hazara, Rawalpindi divisions, upper FATA Kashmir and Gilgit-Baltistan.

ADVISES FOR CROPS

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

General Information

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

National Weather Data of Selected Cities**(Weekly Data from 7th to 13th Sep, 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	25.2	26.5	66.2	47	2.0	2.6	4.0	2.0	3.6
Badin	35.5	36.5	174.8	69	0.0	1.0	2.8	2.8	4.0
Bahawalnagar	39.7	40.5	194.8	52	0.0	0.0	0.0	0.4	2.4
Bahawalpur	38.8	39.5	173.2	57	0.0	0.0	0.0	4.0	4.8
Balakot	34.6	36.0	140.3	51	0.0	0.6	1.6	0.0	0.0
Bannu	36.6	38.5	153.3	53	0.0	0.6	3.8	0.0	0.8
Barkhan	34.5	36.0	152.3	41	0.0	0.0	3.0	0.0	1.6
Bunji	31.1	33.3	107.8	44	0.6	2.8	4.0	0.0	1.2
Cherat	30.0	32.0	130.3	56	0.0	0.0	1.6	2.0	2.0
Chhor	37.9	39.5	176.7	66	0.0	0.0	1.8	2.4	2.4
Chilas	36.4	37.8	153.6	27	0.0	3.0	4.6	0.4	3.6
Chitral	32.1	32.4	116.7	60	0.0	0.0	6.8	0.0	10.8
D.I.Khan	38.9	40.0	171.0	60	0.0	0.0	0.0	0.0	0.0
Dalbandin	39.8	40.0	161.0	20	0.0	0.0	0.0	0.4	2.4
DG.Khan	38.8	39.8	180.3	60	0.0	0.0	1.2	1.6	5.2
Dir	32.0	32.0	99.5	65	0.0	0.8	5.4	0.0	2.0
Drosh	34.0	34.8	135.1	39	0.0	0.6	6.6	0.0	9.8
Faisalabad	38.4	39.0	187.6	52	2.4	0.0	0.0	0.9	1.4
Garidopatta	35.6	36.5	151.1	57	0.0	0.0	1.8	0.0	0.0
Gawader	33.1	33.5	166.8	79	0.0	3.4	0.6	0.0	9.6
Gilgit	32.8	34.0	104.3	55	0.1	3.4	4.6	0.0	2.4
Gupis	28.3	29.0	93.3	41	0.0	1.4	3.2	1.2	4.8

Hyderabad	28.5	30.5	95.0	67	2.0	0.0	0.0	10.4	12.0
Islamabad	37.5	40.3	176.2	59	0.0	0.0	0.4	0.4	1.2
Jacobabad	35.1	36.2	146.8	62	0.0	0.0	0.8	0.0	0.0
Jhang	37.3	38.0	176.5	53	0.0	0.0	0.0	0.4	0.0
Jhelum	39.1	39.4	176.0	60	0.0	0.0	1.4	0.0	0.4
Jiwani	37.8	39.5	169.5	77	0.0	4.0	2.0	1.6	6.4
Joharabad	38.3	39.0	177.8	63	1.0	0.0	1.4	0.4	2.0
Kakul	31.3	32.0	115.5	60	0.0	0.0	2.0	0.0	1.2
Kalam	25.6	26.5	67.6	64	10.0	0.0	7.2	0.0	0.8
Kalat	27.5	29.0	93.0	66	0.0	0.0	0.0	0.0	0.0
Karachi	35.0	37.0	173.8	69	0.0	4.6	3.0	4.0	10.8
Khanpur	37.1	37.9	175.4	63	0.0	0.0	0.0	0.0	2.4
Khuzdar	36.0	37.0	155.8	14	0.0	0.0	0.0	0.0	1.6
Kotli	35.2	35.6	150.6	54	0.0	0.0	1.0	2.2	1.2
Lahore	38.0	38.2	180.9	51	14.2	0.0	0.0	0.0	3.6
Larkana	38.6	39.5	190.0	64	0.0	0.0	1.0	2.0	3.2
Lasbella	38.8	40.0	170.1	60	0.0	1.8	2.4	0.0	9.2
Lower Dir	36.5	37.0	156.0	45	1.0	0.4	1.8	0.8	2.0
M.B Din	38.1	39.0	174.7	65	0.0	0.6	0.6	0.0	0.4
Malam Jabba	20.5	21.0	73.8	58	9.0	0.4	2.0	0.0	0.0
Mangla	36.6	37.8	166.7	56	0.0	0.4	2.2	0.0	1.2
Mir Khani	32.3	34.0	130.9	46	0.0	0.0	3.6	0.0	4.8
Moinjodaro	38.4	39.5	180.9	59	0.0	0.0	0.8	4.0	4.0
Multan	38.8	39.5	184.2	51	0.0	0.0	1.2	5.2	10.4
Murree	24.5	25.8	94.7	62	8.0	0.0	1.4	0.8	1.6
Muzaffarabad	34.2	35.0	136.9	53	0.0	0.0	3.0	0.0	0.0

Nawabshah	39.3	41.5	179.5	60	0.0	0.0	1.6	4.8	6.8
Nokkundi	40.3	40.5	167.6	12	0.0	0.0	0.0	4.0	4.4
Noorpurthal	41.5	42.0	192.9	60	0.0	0.0	1.2	0.0	2.0
Okara	39.8	40.0	183.5	53	0.0	0.0	0.0	0.8	1.2
Padidan	38.2	40.5	174.1	65	0.0	0.0	0.0	1.2	2.0
Panjgur	36.0	36.0	150.3	30	0.0	0.0	0.0	3.2	10.0
Parachinar	22.7	26.7	74.1	71	34.1	3.8	7.0	3.4	6.2
Pasni	32.3	32.5	161.5	84	0.0	3.8	1.4	0.8	6.0
Peshawar	35.4	36.0	158.9	50	0.0	0.0	3.6	1.2	2.0
Quetta	31.1	32.0	125.6	19	0.0	0.0	1.3	2.6	3.8
R.Y.Khan	40.2	40.8	187.3	58	0.0	0.0	0.0	1.6	2.4
Rawalakot	26.8	28.0	97.6	73	6.0	0.0	2.8	0.0	0.4
Rohri	40.1	40.5	194.0	52	0.0	0.0	0.4	1.6	1.6
Rawalpindi	29.2	36.5	169.4	52	0.0	0.0	0.4	1.0	1.4
Sahiwal	37.8	38.5	167.9	58	0.0	0.0	0.0	0.0	1.2
Saidu Sharif	34.8	35.0	134.5	52	1.0	0.0	4.6	0.0	4.0
Sialkot	36.5	36.8	169.8	58	0.0	0.0	0.0	0.0	0.8
Sibbi	41.3	43.0	166.5	52	0.0	0.0	0.8	0.0	2.4
Skardu	27.1	29.3	66.6	49	0.0	2.8	3.6	0.0	1.2
Tandojam	30.3	39.0	177.0	67	0.0	0.3	0.0	2.3	3.2
Usta.M	30.8	38.5	180.3	50	0.0	1.4	0.7	0.0	1.1
Zhob	34.0	35.0	117.5	31	0.0	0.0	2.4	5.0	4.8

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