

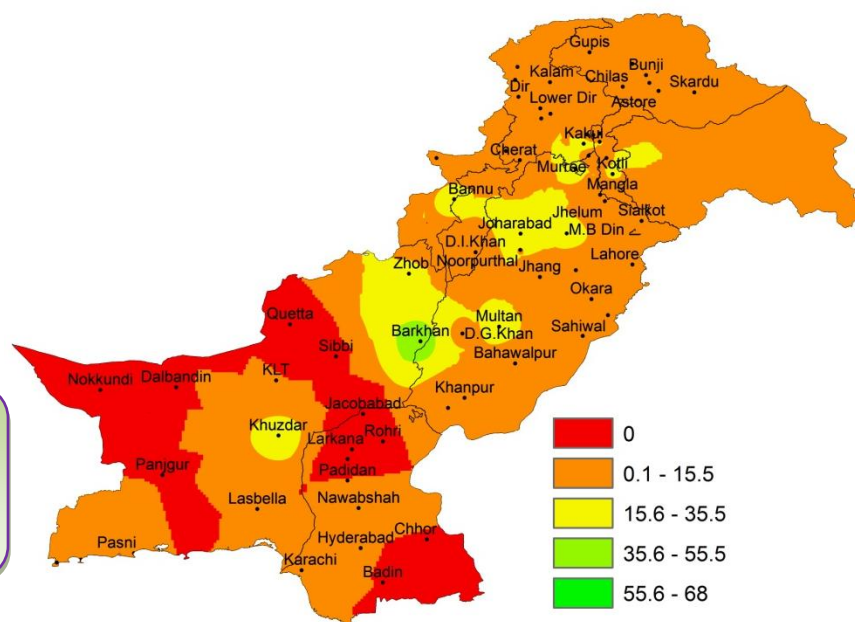
Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the Previous
Week (From 25th to 31st August, 2014)**



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Highlights of Past Weather (From 25th to 31st August, 2014)

Mainly 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 & Gilgit Baltistan regions.
- Light to moderate rainfall reported at few places in Sindh and Baluchistan.

Past Weather of Provinces (From 25th to 31st**August, 2014)****Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 43.1°C & 26.4°C respectively. For the present season average 207.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening recorded 1.1/2.9 Knots. During the previous week highest amount of rainfall reported at Islamabad 41.0 mm and highest maximum temperature was recorded 43.0°C at Noorpur Thal.

Sindh

Light rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 45.1°C & 28.3°C respectively. For the present season average 221.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 61% and wind speed in the morning/evening recorded 4.8/7.3 Knots. During the previous week highest amount of rainfall reported at Mithi 68.0 mm and highest maximum temperature was recorded 42.0°C at Sukkur.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 35.0°C & 18.4°C respectively. For the present season average 157.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 61% and wind speed in the morning/evening recorded 2.2/3.2 Knots. During the previous week highest amount of rainfall reported at Malam Jabba 25.0mm and highest maximum temperature recorded 45.5°C at D.I.Khan.

Balochistan

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 39.4°C & 24.1°C respectively. For the present season average 185.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 44% and wind speed in the morning/evening recorded 1.4/6.9 Knots. During the previous week highest amount of rainfall reported at Barkhan 44.0 mm and highest maximum temperature recorded 43.0°C at Nokkundi.

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 30.7°C & 15.3°C respectively. For the present season average 126.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 59% and wind speed in the morning/evening recorded 0.9/2.2 Knots. During the previous week highest amount of rainfall reported at Kotli 17.0mm and highest maximum temperature recorded 37.0°C at Chilas.

**Past Weather for Major Agricultural Plains
(From 25th to 31st August)****Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.7/1.7 Oktas while, average relative humidity observed 61%. Mean day time temperature recorded 34.8°C & for the present season 162.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/1.7 Knots.

Faisalabad (Central Punjab)

Rainfall reported as “Trace” (not measureable) during the week; however cloudiness in the morning/evening recorded 2.1/2.7 Oktas while average relative humidity observed as 47%. Mean day time temperature recorded 38.6°C & for the present season 191.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/1.8Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.1/5.0 Oktas while, average relative humidity observed 32%. Mean day time temperature recorded 32.2°C & for the present season 145.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.1/3.6 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.8/0.7 Oktas while, average relative humidity observed as 56%. Mean day time temperature recorded 38.0°C & for the present season 189.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.1Knots.

Tandojam (Lower Singh)

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 1.3/0.3 Oktas while average relative humidity observed as 68%. Mean day time temperature recorded 38.1°C & for the present season 180.3 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 25th to 31st August, 2014)****Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/0.8 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 41.0°C & for the present season 242.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.2/3.0 Knots.

Multan

Rainfall reported as 22.0mm during the week; however cloudiness in the morning/evening recorded 2.4/2.0 Oktas while, average relative humidity observed as 57%. Mean day time temperature recorded 40.2°C & for the present season 221.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.2/8.5Knots.

Lahore

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.6/2.0 Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 39.0°C & for the present season 217.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.2/5.5 Knots.

Zhob

Rainfall reported as 16.0mm during the week; however cloudiness in the morning/evening recorded 1.2/2.0 Oktas while, average relative humidity observed as 46%. Mean day time temperature recorded 36.0°C & for the present season 168.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.0/9.0Knots.

D.I. Khan

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 2.0/1.8 Oktas while, average relative humidity observed as 58%. Mean day time temperature recorded 41.0°C & for the present season 207.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.8/0.5 Knots.

Peshawar

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 3.0/4.5 Oktas while, average relative humidity observed as 58%. Mean day time temperature recorded 37.5°C & for the present season 191.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.6/3.5 Knots.

Murree

Rainfall reported as 8.1mm during the week; however cloudiness in the morning/evening recorded 4.0/2.8 Oktas while, average relative humidity observed as 64%. Mean day time temperature recorded 25.0°C & for the present season 123.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.6/1.5 Knots.

Kalam

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 4.6/6.5 Oktas while, average relative humidity observed as 66%. Mean day time temperature recorded 26.0°C & for the present season 98.4 growing degree days accumulated by

the end of last week. Wind speed recorded in the morning/evening as 0.0/2.0 Knots.

Gilgit

Rainfall reported as 4.1mm during the week; however cloudiness in the morning/evening recorded 6.0/5.75 Oktas while, average relative humidity observed as 64%. Mean day time temperature recorded 32.0°C & for the present season 124.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 2.0/2.0 Knots.

Skardu

Rainfall reported as 2.3mm during the week; however cloudiness in the morning/evening recorded 6.0/6.8 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 29.1°C & for the present season 103.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/4.5Knots.

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

Potohar Region (Rawalpindi)

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

Maize: Good condition at *Ninth Leaf* stage.

Central Punjab (Faisalabad)

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

Cotton: Normal condition at *boll opening* stage completed.

Lower Sindh (Tandojam)

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

Cotton: Good condition at *boll opening* stage.

Northern Balochistan (Quetta)

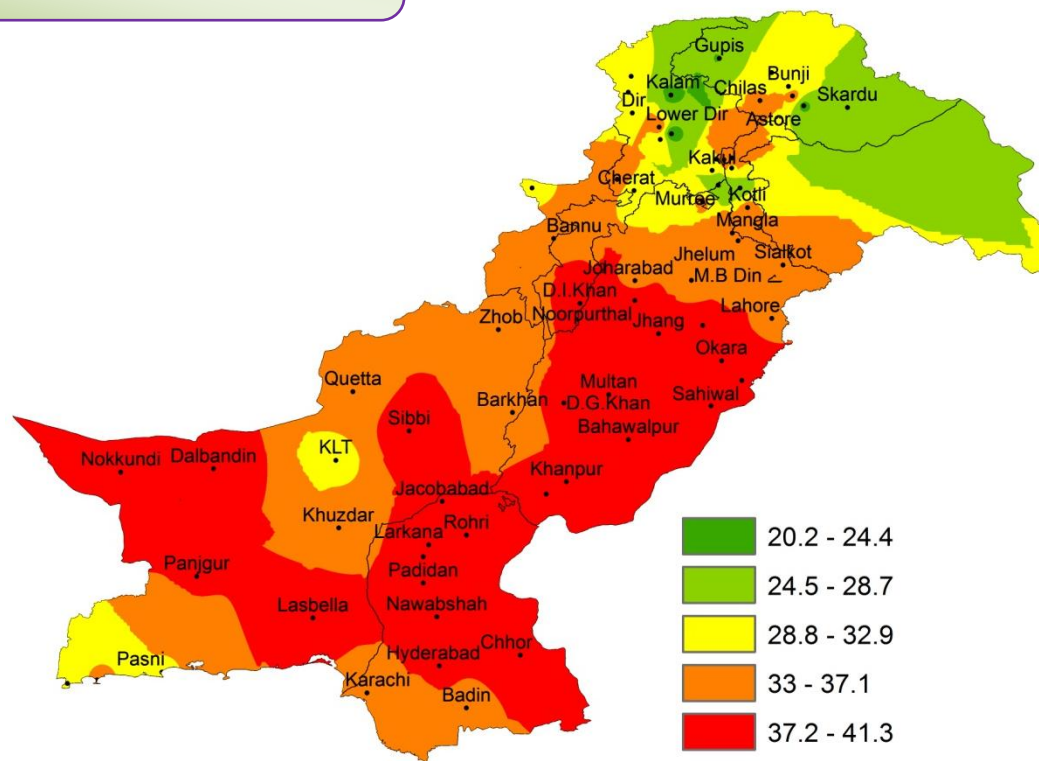
There is presently no crop in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

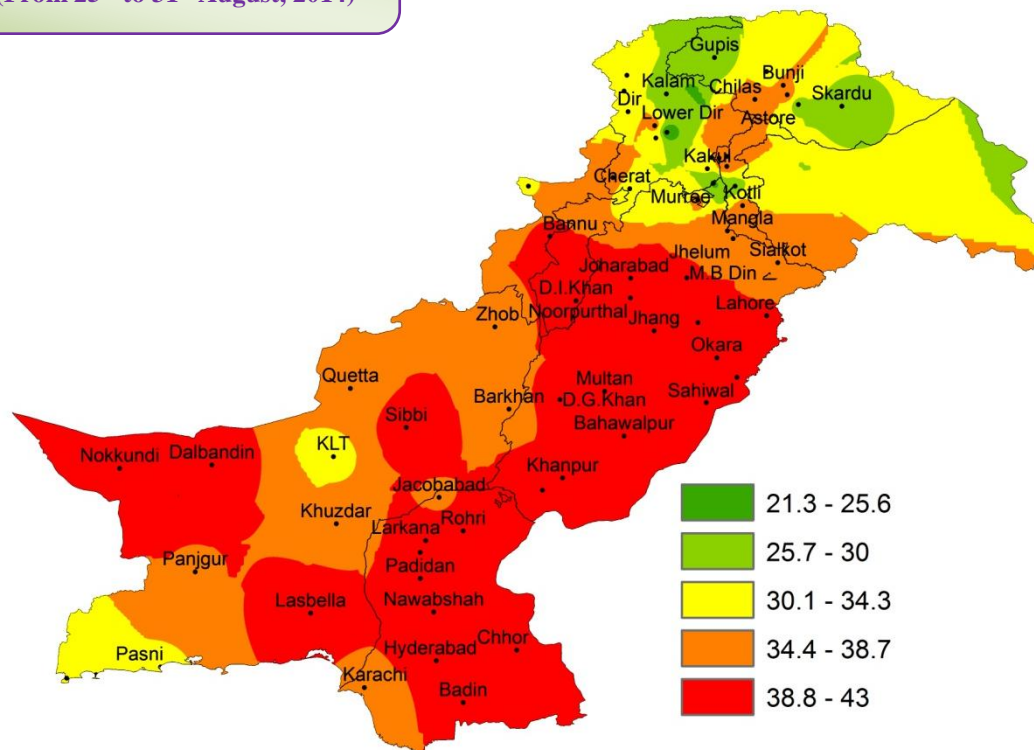
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Tillering* stage completed.

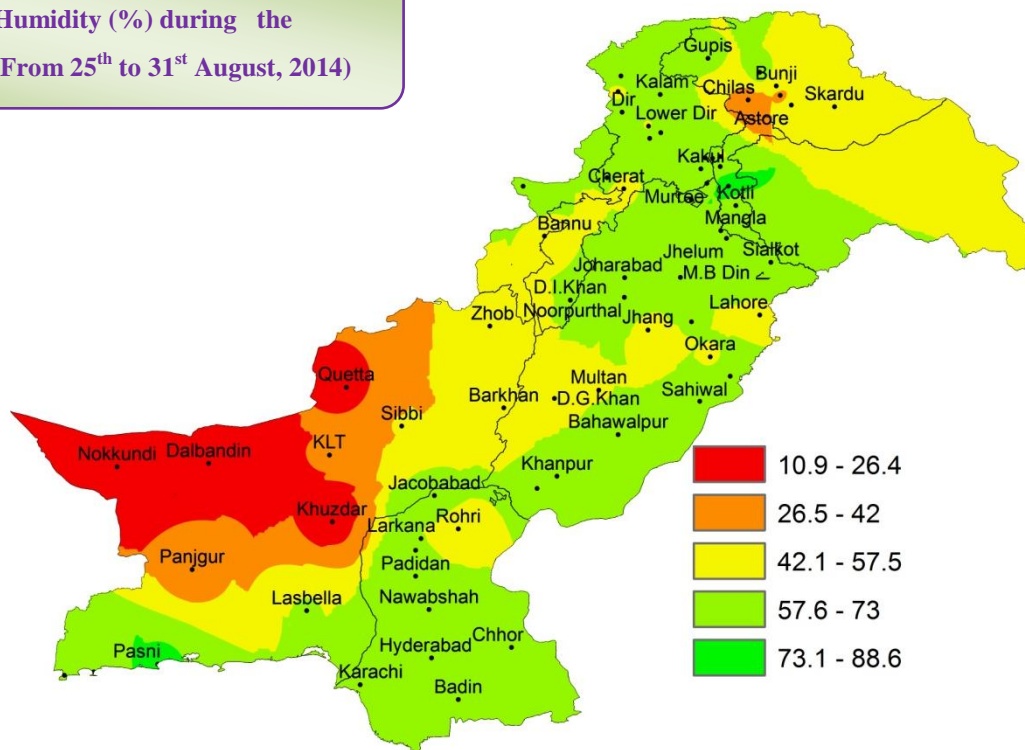
Mean Maximum Temperature (°C) during the
Previous week (From 25th to 31st August, 2014)



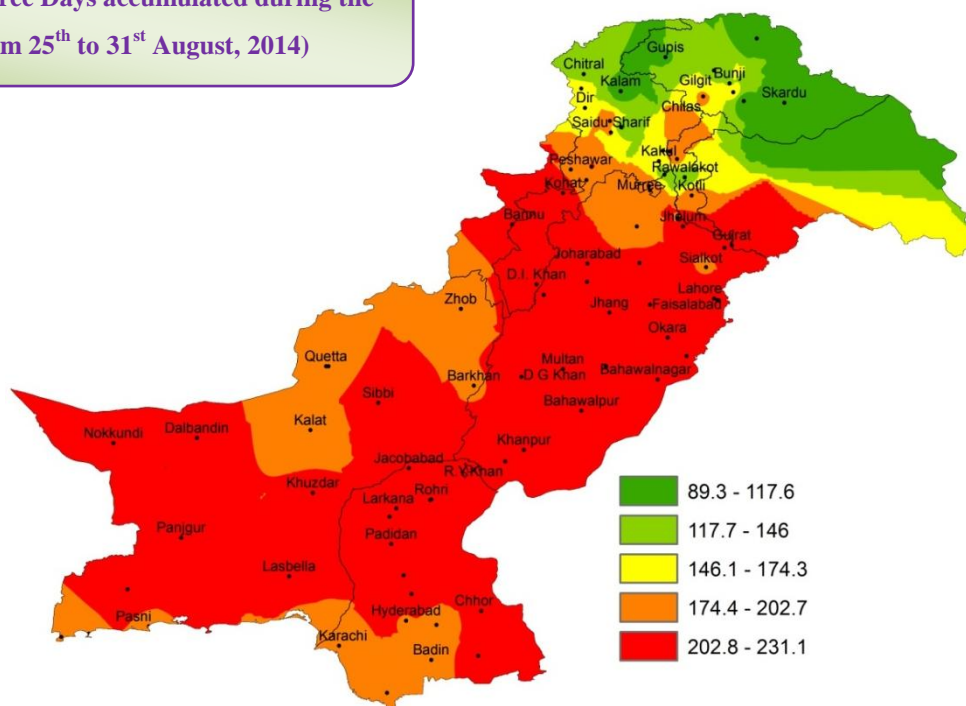
Highest Maximum Temperature (°C) during the
Previous week (From 25th to 31st August, 2014)



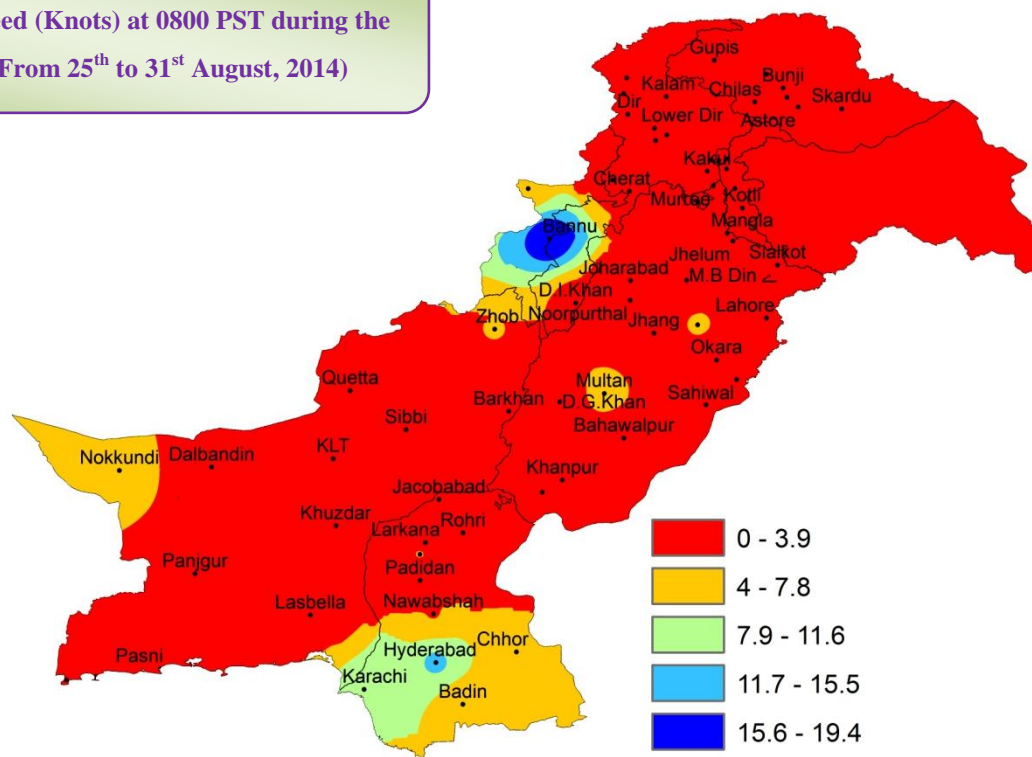
Mean Relative Humidity (%) during the
Previous week (From 25th to 31st August, 2014)



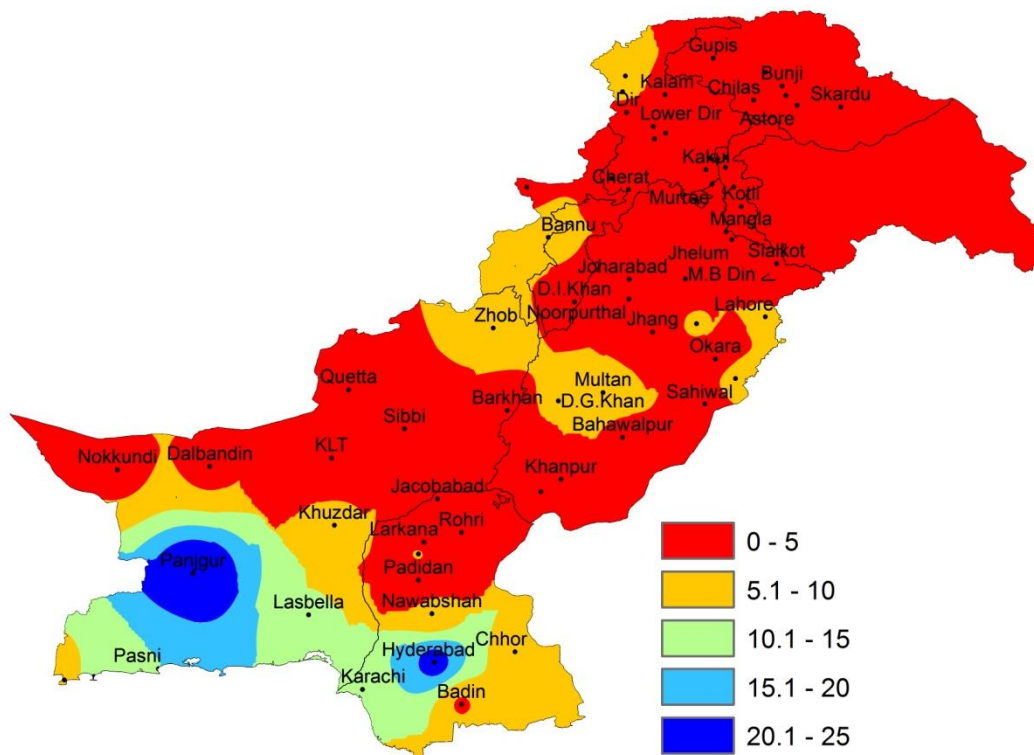
Total Growing Degree Days accumulated during the
Previous week (From 25th to 31st August, 2014)



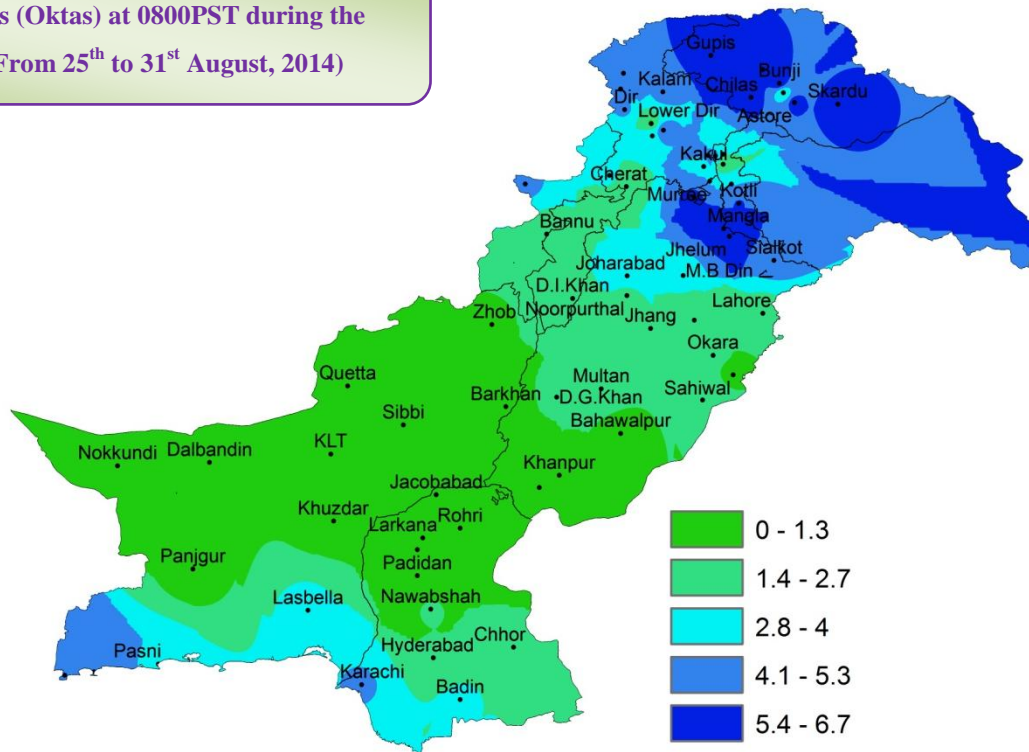
Mean Wind Speed (Knots) at 0800 PST during the
Previous week (From 25th to 31st August, 2014)



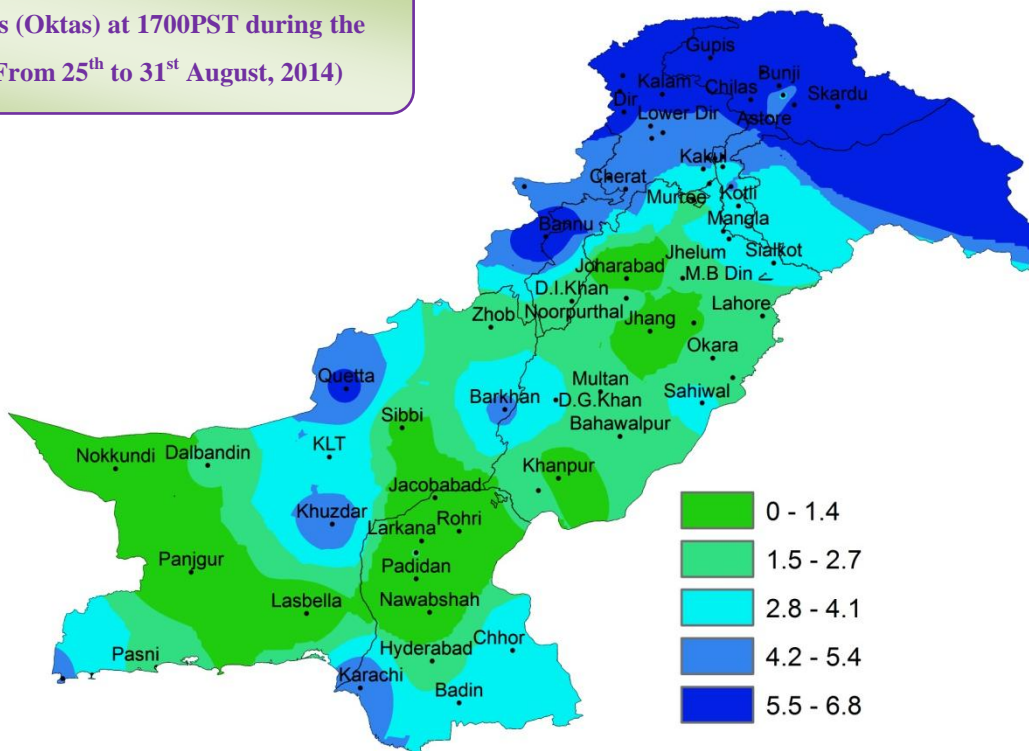
Mean Wind Speed (Knots) at 1700 PST during the
Previous week (From 25th to 31st August, 2014)



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (From 25th to 31st August, 2014)



Mean Cloudiness (Oktas) at 1700PST during the
Previous week (From 25th to 31st August, 2014)



Weekly Weather Advisory for Farmers**(From 1st to 7th September., 2014)**

A well marked low pressure area lies over south Madhya Pradesh (India) and likely to move west-northwestwards towards Pakistan during next two days. Under the influence of this weather system moderate monsoon currents are penetrating into Sindh and Punjab during next 24 to 36 hours and likely to become stronger during next 36 to 48 hours. Seasonal low lies over Balochistan and adjoining areas. A westerly wave is prevailing over Afghanistan and its adjoining areas.

MONDAY**01-09-2014**

Rain-thundershowers are expected at scattered places in Sindh Islamabad, Punjab, Kashmir, and while at isolated places of Khyber Pakhtunkhwa, eastern Baluchistan and Gilgit-Baltistan.

TUESDAY**02-09-2014**

Widespread rain-thundershowers are expected in Sindh, scattered in Islamabad, Punjab eastern Balochistan (Kalat, Sibbi, Nasirabad divisions) and Kashmir, at isolated places in Khyber Pakhtunkhwa and Gilgit-Baltistan. Isolated heavy falls are also expected in Sindh.

WEDNESDAY**03-09-201**

Widespread rain-thundershowers are expected in Sindh, scattered in Islamabad, Punjab eastern Balochistan (Kalat, Sibbi, and Nasirabad divisions), Khyber Pakhtunkhwa and Kashmir, at isolated places in Gilgit-Baltistan. Isolated heavy falls are also expected in Mirpurkhas and Hyderabad divisions.

THURSDAY**04-09-2014**

Widespread rain-thundershowers are expected in Punjab, Islamabad, at scattered places in Sindh and Kashmir, while at isolated places of Khyber Pakhtunkhwa and eastern Baluchistan. Isolated heavy falls are also expected Punjab (D.G. Khan, Lahore, Gujranwala, Rawalpindi divisions).

FRIDAY**05-09-201**

Scattered rain-thundershowers are expected in northeast Punjab, Islamabad and Kashmir, at isolated places of Khyber Pakhtunkhwa. Isolated heavy falls are also expected Punjab (Lahore, Gujranwala, Rawalpindi divisions).

SATURDAY**06-09-2014**

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershowers are expected at isolated places in Punjab, Southeast Sindh, Kalat, Hazara divisions and Kashmir.

SUNDAY**07-09-201**

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershowers are expected at isolated places of Malakand, Hazara, Rawalpindi divisions and Kashmir.

Advices for Crops

- ❖ Pest/viral attacks and more weeds growth are expected during current and expected monsoon rains in sugarcane 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 rainfed areas obtaining water through tube wells and irrigated areas in upper parts are advised to schedule the irrigation according to the expected weather mentioned during the decade. Rainfall/gusty winds after irrigation cause water logging of standing crops like maize, sugarcane and cotton. Farmers should be very careful in this regard.
- ❖ Due to expected monsoon rains during the decade farmers are advised to take in time precautionary measures to protect their crops, livestock and other property from any expected rain.
- ❖ Farmers of cotton belt are advised to be aware of the adverse effects of stagnant water in the fields during monsoon. Mechanism for drainage of stagnant water from fields should be evolved on priority basis and necessary requirements in this regard should be taken.
- ❖ Viral/pests attacks on cotton and sugarcane crops have been reported in agricultural plains of the country. These attacks may further enhance due to coming monsoon rains. Farmers should be careful to control these attacks in time.

National Weather Data of Selected Cities**(Weekly Data from 25th to 31st August' 2014)**

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	23.0	27.5	85.6	54	6.1	6.0	6.5	0.4	0.0
Badin	36.2	39.0	206.0	66	0.0	3.0	3.5	4.4	4.5
Bahawalnagar	37.8	41.5	230.2	61	5.0	2.0	3.0	0.8	3.5
Bahawalpur	37.5	39.5	220.4	60	4.0	0.6	2.0	1.2	3.5
Balakot	32.4	33.5	160.1	64	4.0	4.0	4.5	0.0	3.0
Bannu	36.8	39.4	196.8	53	19.0	1.6	6.5	19.4	8.0
Barkhan	33.1	36.0	185.1	47	44.0	0.0	4.3	0.0	1.0
Bunji	30.3	34.4	140.6	54	0.3	6.8	6.8	1.2	0.5
Cherat	29.5	31.0	154.7	56	2.0	1.6	4.3	2.4	1.5
Chhor	38.8	41.8	217.8	70	0.0	1.4	4.0	4.0	8.0
Chilas	33.7	37.0	163.8	33	0.3	6.2	6.3	2.4	4.5
Chitral	30.7	32.0	117.3	70	0.0	4.8	6.3	0.0	7.0
D.I.Khan	38.0	41.0	207.1	58	1.0	2.0	1.8	0.8	0.5
Dalbandin	41.3	42.0	207.2	23	0.0	0.0	1.5	2.0	3.5
DG.Khan	39.6	41.2	226.0	56	11.0	1.8	2.8	1.2	6.5
Dir	30.5	32.0	120.7	68	3.0	4.2	6.3	0.0	1.5
Drosh	29.8	33.0	126.2	53	0.0	4.2	6.5	0.0	6.5
Faisalabad	38.6	40.5	191.2	47	0.1	2.1	2.7	1.4	1.8
Garidopatta	32.2	35.5	156.4	65	16.0	1.6	3.0	0.0	2.0
Gawader	33.1	33.5	188.5	63	4.0	4.6	3.0	0.0	11.0
Gilgit	30.2	32.0	124.5	64	4.1	6.0	5.8	2.0	2.0

Gupis	24.4	27.0	103.9	59	4.0	6.2	6.5	2.8	4.5
Hyderabad	37.5	39.5	218.7	63	0.0	1.4	1.5	12.4	22.5
Islamabad	33.6	35.2	175.5	73	21.0	5.8	2.5	0.4	1.5
Jacobabad	37.3	38.0	237.0	62	0.0	0.0	0.8	1.2	3.0
Jhang	38.7	40.0	222.2	54	0.0	2.6	0.0	0.0	0.5
Jhelum	35.5	38.5	204.9	67	0.1	5.8	3.0	0.0	0.5
Jiwani	31.7	32.0	187.9	72	0.0	5.0	4.8	3.2	8.0
Joharabad	36.0	39.0	207.5	67	32.0	3.8	0.0	1.2	1.0
Kakul	29.2	30.5	138.0	62	24.0	3.8	4.0	0.0	0.0
Kalam	23.6	26.0	98.4	66	2.0	4.6	6.5	0.0	2.0
KLT	31.4	33.0	123.0	27	0.0	0.0	3.5	0.0	1.0
Karachi	34.9	37.3	198.8	70	0.4	4.2	5.3	9.2	12.5
Khanpur	37.8	39.9	221.3	62	2.0	0.2	0.5	0.4	1.5
Khuzdar	34.8	36.0	184.0	21	21.0	0.6	4.8	0.0	6.5
Kotli	34.0	35.6	163.6	62	17.0	5.4	3.0	0.6	4.0
Lahore	36.6	39.0	217.7	55	0.1	1.6	2.0	1.2	5.5
Larkana	37.8	40.0	247.6	58	0.0	0.8	0.0	3.2	2.0
Lasbella	39.6	41.5	205.1	58	0.0	3.2	0.5	0.4	11.0
Lower Dir	36.1	36.5	173.5	55	3.0	1.0	4.8	4.0	5.0
M.B Din	36.0	39.0	213.9	69	25.0	3.0	1.5	0.8	0.0
Malam Jabba	19.9	21.0	92.2	73	14.1	5.2	4.8	0.0	0.0
Mangla	35.7	36.5	194.0	71	0.1	6.0	3.0	0.0	2.0
Mir Khani	35.9	36.8	**	35	0.0	2.2	3.5	0.0	2.8
Moinjodaro	38.5	39.5	217.1	57	0.0	0.8	1.5	4.0	5.5
Multan	37.9	40.2	221.4	57	22.0	2.4	2.0	5.2	8.5
Murree	24.2	25.0	123.2	64	8.1	4.0	2.8	1.6	1.5

Muzaffarabad	34.2	36.5	157.9	65	15.0	4.6	4.0	0.0	1.5
Nawabshah	39.5	41.5	231.2	61	0.1	1.4	1.0	3.8	6.3
Nokkundi	41.0	43.0	217.4	11	0.0	0.0	0.0	5.2	3.5
Noorpurthal	39.7	43.0	220.6	69	15.0	2.2	2.5	0.0	2.0
Okara	38.6	41.5	219.3	56	2.0	1.4	2.5	1.2	2.0
Padidan	38.1	40.0	225.6	65	0.0	0.6	0.5	1.2	2.0
Panjgur	37.3	38.0	198.4	33	0.0	0.4	0.3	2.4	25.0
Parachinar	31.3	34.0	**	72	5.0	4.4	4.3	4.2	3.5
Pasni	32.7	34.0	182.2	77	0.0	3.8	2.0	0.8	15.0
Pattan	34.8	38.0	**	55	11.0	2.6	5.3	0.0	1.0
Peshawar	36.7	37.5	191.9	58	0.1	3.0	4.5	1.6	3.5
Quetta	32.2	33.5	145.6	32	0.0	3.1	5.0	2.1	3.6
Rahim Yar Khan	39.4	41.8	231.0	60	2.0	0.6	2.0	0.4	1.0
Rawalpindi	34.8	36.5	162.7	61	0.0	3.7	1.7	1.1	1.7
Rawalakot	25.6	27.8	99.6	89	15.1	4.0	4.3	0.0	0.0
Rohri	38.6	41.0	242.2	53	0.0	0.6	0.8	3.2	3.0
Sahiwal	38.0	40.0	212.1	63	0.1	1.2	1.8	1.6	7.0
Saidu Sharif	32.2	34.0	160.6	66	10.0	3.8	4.3	0.8	2.5
Sialkot	34.9	36.5	202.8	69	0.3	4.6	3.0	0.0	0.5
Sibbi	41.0	42.0	242.1	43	0.0	0.0	1.0	0.0	0.0
Skardu	26.5	29.1	103.8	48	2.3	6.0	6.8	0.0	4.5
Tandojam	38.1	39.0	180.3	66	1.0	1.3	0.3	0.9	2.0
U.Muhammad	38.0	39.0	189.0	56	0.0	1.8	0.7	0.1	0.1
Zhob	33.4	36.0	168.9	46	16.0	1.2	2.0	4.0	9.0

**** Shows that data was not available.