

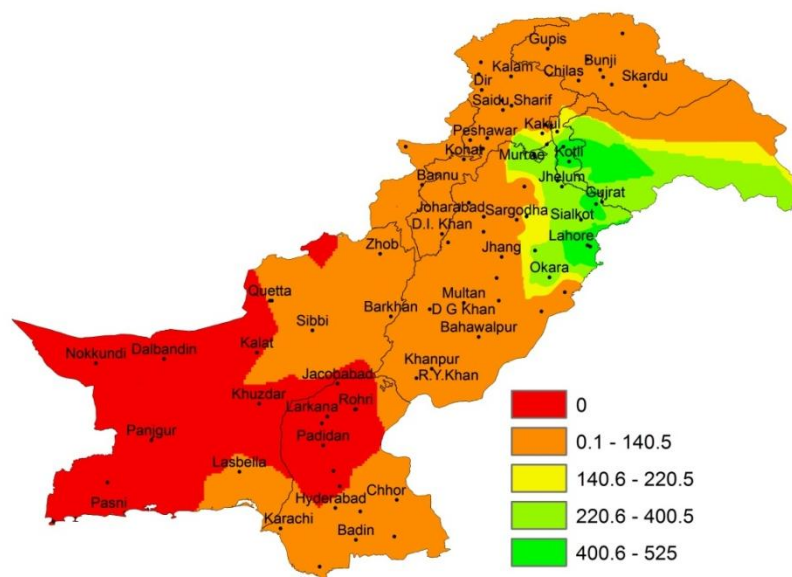
# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 1<sup>st</sup> to 7<sup>th</sup> August, 2014)**



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**Chief Editor: Dr. Khalid Mahmood Malik (Director)**  
**Editor: Khalida Noureen (Meteorologist)**

## Highlights of Past Weather (From 1<sup>st</sup> to 7<sup>th</sup> September, 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 few places in Balochistan.
- Heavy rainfall along with flash flooding reported at many places in Khyber Pakhtunkhwa, Punjab & Kashmir.
- Light to moderate rainfall reported at many places in Sindh.

**Past Weather of Provinces (From 1<sup>st</sup> to 7<sup>th</sup>****August, 2014)****Punjab**

Moderate to heavy rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 30.5°C & 22.9°C respectively. For the present season average 147.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 77% and wind speed in the morning/evening recorded 2.4/3.7 Knots. During the previous week highest amount of rainfall reported at Lahore 557.0mm and highest maximum temperature was recorded 40.5°C at DG.Khan.

**Sindh**

Light to moderate rainfall reported at many places in Sindh during the week. Weekly maximum and minimum temperatures recorded 36.8°C & 26.0°C respectively. For the present season average 181.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 65% and wind speed in the morning/evening recorded 4.8/5.6 Knots. During the previous week highest amount of rainfall reported at Mithi 46.0 mm and highest maximum temperature was recorded 42.0°C at Dadu.

**Khyber Pakhtunkhwa**

Moderate to heavy rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 30.6°C & 17.9°C respectively. For the present season average 121.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening recorded 1.5/2.8 Knots. During the previous week highest amount of rainfall reported at Kakul 154.0 mm and highest maximum temperature recorded 37.0°C at D.I.Khan.

**Balochistan**

Light to moderate rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 36.1°C & 22.2°C respectively. For the present season average 167.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 45% and wind speed in the morning/evening recorded 1.2/4.7 Knots. During the previous week highest amount of rainfall reported at Barkhan 16.2 mm and highest maximum temperature recorded 43.0°C at Turbat.

**Gilgit-Baltistan and Azad Jammu & Kashmir**

Moderate to heavy rainfall reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 23.3°C & 14.6°C respectively. For the present season average 93.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 71% and wind speed in the morning/evening recorded 0.8/1.9 Knots. During the previous week highest amount of rainfall reported at Rawalakot 507.0mm and highest maximum temperature recorded 33.0°C at Chilas.

**Past Weather for Major Agricultural Plains  
(From 1<sup>st</sup> to 7<sup>th</sup> August, 2014)****Rawalpindi (Potohar region)**

Rainfall reported as 370.7mm during the week; however cloudiness in the morning/evening recorded 6.1/4.9 Oktas while, average relative humidity observed 82%. Mean day time temperature recorded 33.4°C & for the present season 135.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/0.8 Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as 203.6mm during the week; however cloudiness in the morning/evening recorded 3.7/5.0 Oktas while average relative humidity observed as 83%. Mean day time temperature recorded 30.1°C & for the present season 152.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.3/1.8 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.7/2.3Oktas while, average relative humidity observed as 24%. Mean day time temperature recorded 31.8°C for the present season 132.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.2/3.6 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/0.3 Oktas while, average relative humidity observed as 58%. Mean day time temperature recorded 37.5°C & for the present season 188.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.2Knots.

**Tandojam (Lower Singh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.4/2.0 Oktas while average relative humidity observed as 65%. Mean day time temperature recorded 37.2°C & for the present season 185.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 1.7/1.7 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 1<sup>st</sup> to 7<sup>th</sup> August, 2014)****Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.3/2.2 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 37.3°C & for the present season 187.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/3.3 Knots.

**Multan**

Rainfall reported as 3.2mm during the week; however cloudiness in the morning/evening recorded 4.4/3.3Oktas while, average relative humidity observed as 70%. Mean day time temperature recorded 34.3°C & for the present season 168.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.6/7.0 Knots.

**Lahore**

Rainfall reported as 416.1mm during the week; however cloudiness in the morning/evening recorded 6.4/7.3 Oktas while, average relative humidity observed as 74%. Mean day time temperature recorded 27.7°C & for the present season 142.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/5.7 Knots.

**Zhob**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/3.2 Oktas while, average relative humidity observed as 45%. Mean day time temperature recorded 33.7°C & for the present season 152.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.3/8.3 Knots.

**D.I. Khan**

Rainfall reported as 4.1mm during the week; however cloudiness in the morning/evening recorded 2.3/1.8 Oktas while, average relative humidity observed as 66%. Mean day time temperature recorded 35.4°C & for the present season 162.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/3.0 Knots.

**Peshawar**

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 2.0/5.8 Oktas while, average relative humidity observed as 63%. Mean day time temperature recorded 34.9°C & for the present season 160.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/3.0 Knots.

**Murree**

Rainfall reported as 212.0mm during the week; however cloudiness in the morning/evening recorded 6.9/7.0 Oktas while, average relative humidity observed as 86%. Mean day time temperature recorded 19.2°C & for the present season 69.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/3.0 Knots.

**Kalam**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 4.3/6.3 Oktas while, average relative humidity observed as 69%. Mean day time temperature recorded 23.2°C & for the present season 80.5 growing degree days accumulated by the end of last week.

**Gilgit**

Rainfall reported as 22.3mm during the week; however cloudiness in the morning/evening recorded 6.6/6.3 Oktas while, average relative humidity observed as 68%. Mean day time temperature recorded 25.2°C & for the present season 98.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/1.7 Knots.

**Skardu**

Rainfall reported as 122.1mm during the week; however cloudiness in the morning/evening recorded 7.3/7.0 Oktas while, average relative humidity observed as 76%. Mean day time temperature recorded 17.7°C & for the present season 55.9 growing degree days accumulated by the end of last week.

**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.

**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 *Picking stage*.

**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.

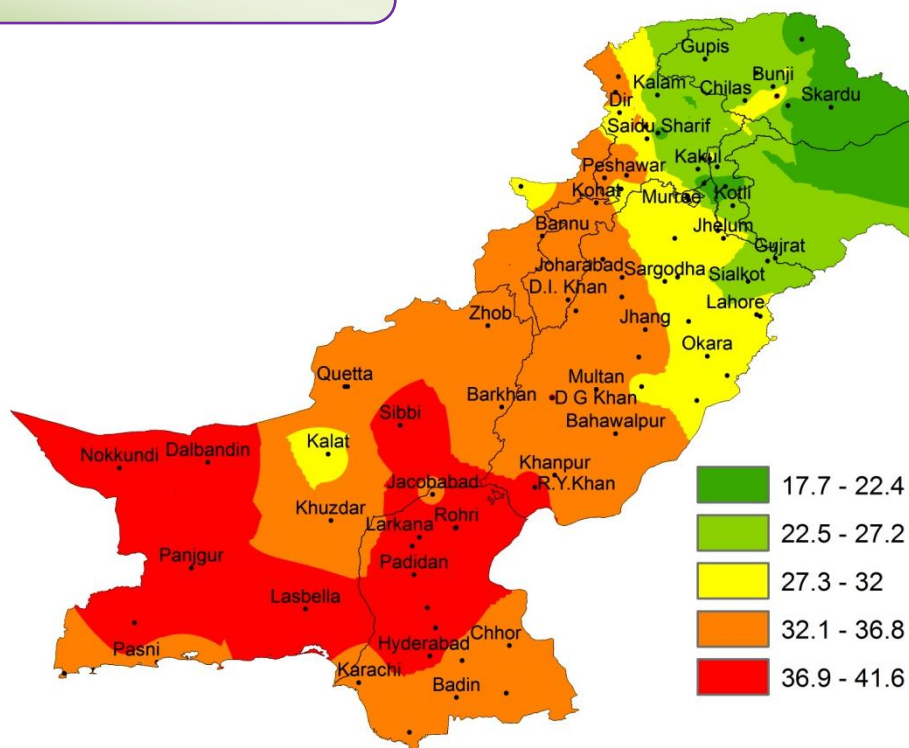
**Eastern Balochistan (Usta Muhammad)**

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

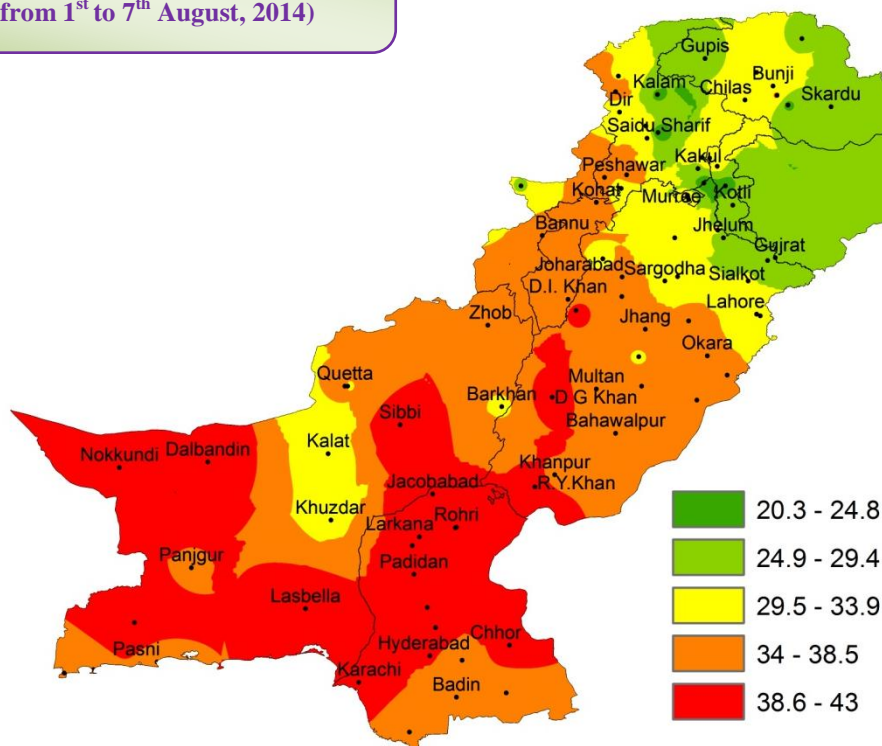
**Rice:** Good condition at *Tillering stage completed*.



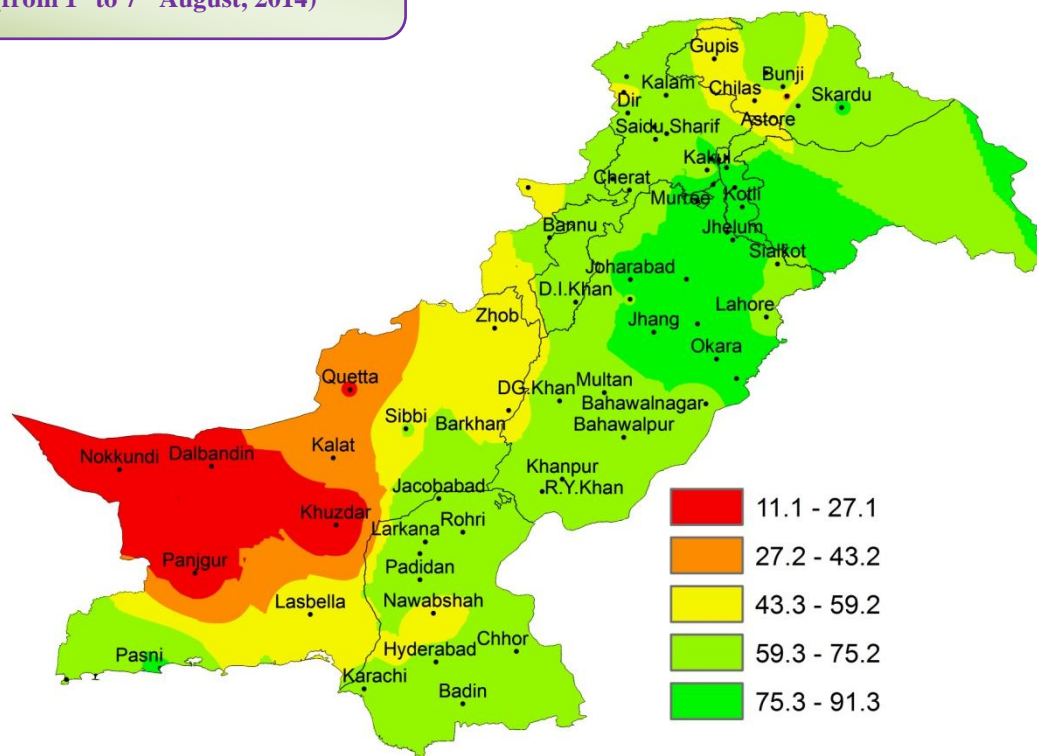
Mean Maximum Temperature (°C) during the  
Previous week (from 1<sup>st</sup> to 7<sup>th</sup> August, 2014)



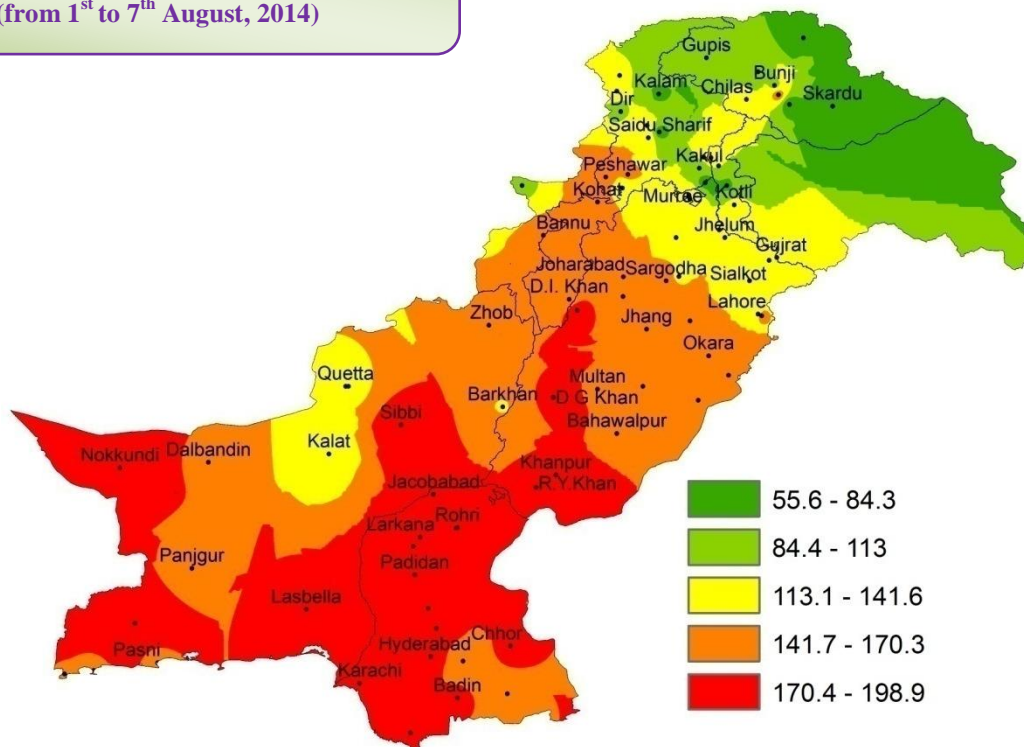
Highest Maximum Temperature (°C) during the  
Previous week (from 1<sup>st</sup> to 7<sup>th</sup> August, 2014)



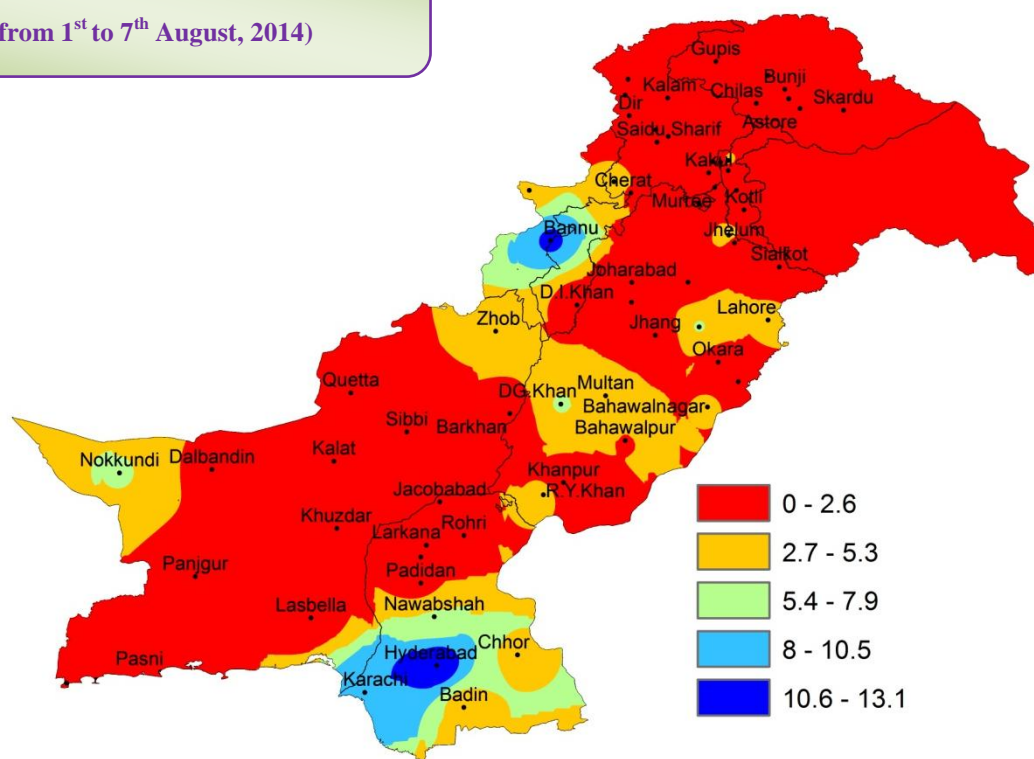
**Mean Relative Humidity (%) during the Previous week (from 1<sup>st</sup> to 7<sup>th</sup> August, 2014)**



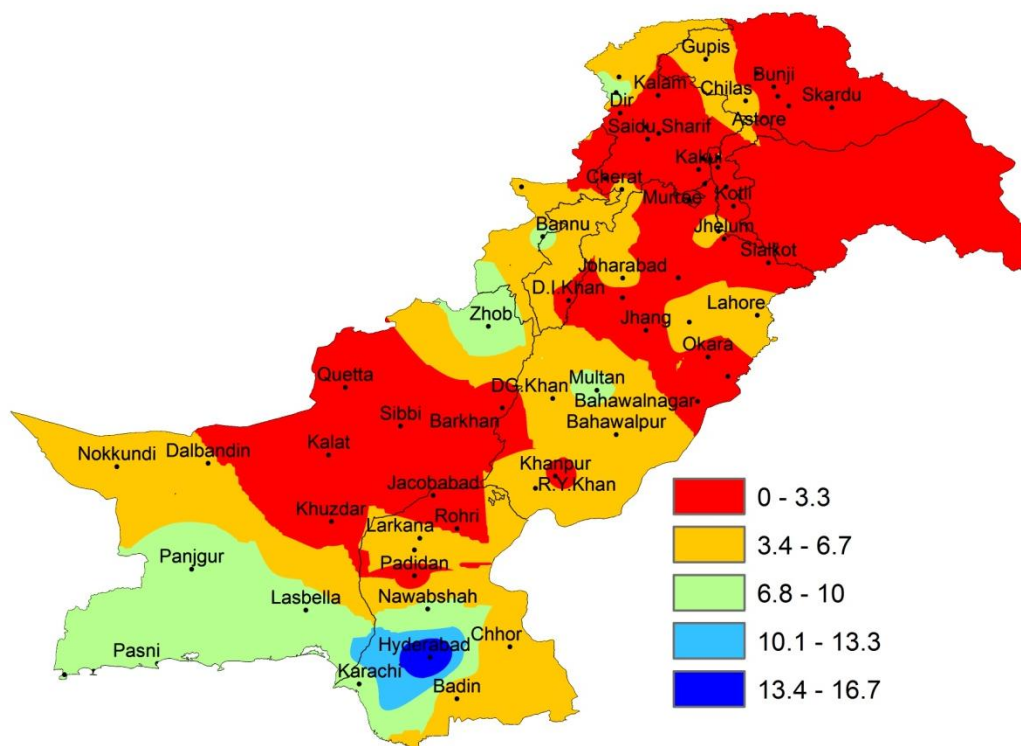
**Total Growing Degree Days accumulated during the Previous week (from 1<sup>st</sup> to 7<sup>th</sup> August, 2014)**



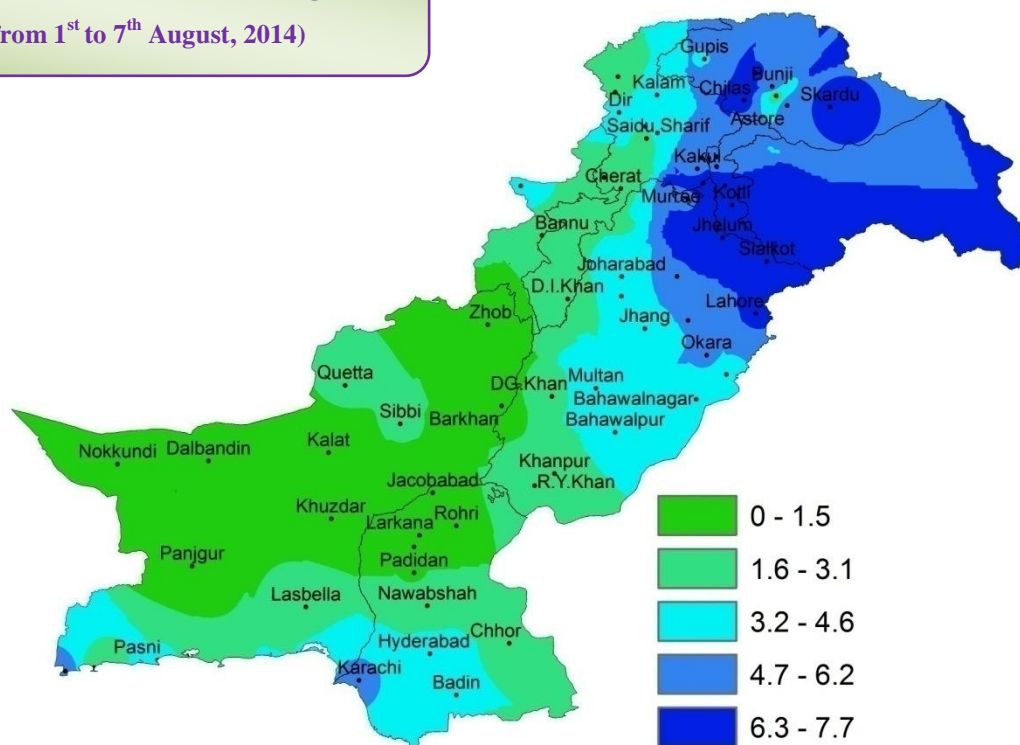
Mean Wind Speed (Knots) at 0800 PST during the  
Previous week (from 1<sup>st</sup> to 7<sup>th</sup> August, 2014)



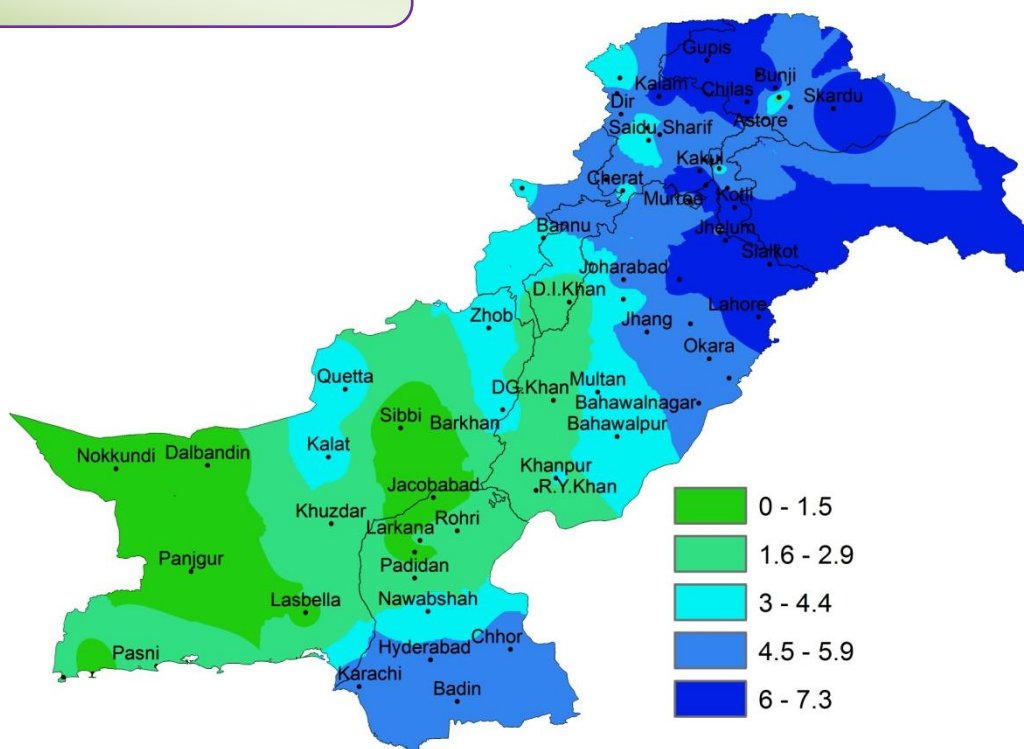
Mean Wind Speed (Knots) at 1700 PST during the  
Previous week (from 1<sup>st</sup> to 7<sup>th</sup> August, 2014)



Mean Cloudiness (Oktas) at 0800PST during the  
Previous week (from 1<sup>st</sup> to 7<sup>th</sup> August, 2014)



Mean Cloudiness (Oktas) at 1700PST during the  
Previous week (from 1<sup>st</sup> to 7<sup>th</sup> August, 2014)





**Weekly Weather Advisory for Farmers**  
**(From 8<sup>th</sup> to 14<sup>th</sup> August, 2014)**

A well marked low pressure area is now located over Vidarbha (India) and adjoining areas, and likely to move north-northwestwards and likely to weaken into low pressure area during next 24 hours. Seasonal low lies over Baluchistan and adjoining areas. Weak monsoon currents are penetrating into Kashmir and adjoining areas. Yesterday's trough of westerly wave over Kashmir and adjoining areas persists.

**MONDAY (08-09-2014)**

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

**TUESDAY (09-09-2014)**

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

**WEDNESDAY (10-09-2014)**

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

**THURSDAY (11-09-2014)**

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

thundershowers are expected at isolated places in Northeast Punjab, Hazara divisions, and Kashmir.

**FRIDAY (12-09-2014)**

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

**SATURDAY (13-09-2014)**

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

**SUNDAY (14-09-2014)**

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

**Advises for Crops**

- Pest/viral attacks and more weeds growth are expected after recent heavy 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 cotton, sugarcane, rice and other standing crops are advised to be aware of the adverse effects of stagnant water in the fields after recent torrential rains along with flash flooding in parts of KPK, Punjab and Kashmir. 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 1<sup>st</sup> to 7<sup>th</sup> September, 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	18.3	23.5	55.0	73	96.0	6.3	6.0	0.6	0.7
Badin	34.8	37.0	175.3	72	40.0	3.1	4.8	3.4	4.0
Bahawalnagar	31.8	34.0	158.5	72	98.0	4.1	5.0	2.9	3.3
Bahawalpur	34.4	37.0	167.4	73	6.0	3.9	3.5	2.6	4.7
Balakot	26.7	31.5	116.5	79	103.0	6.1	5.2	0.0	1.2
Bannu	35.1	36.0	153.2	60	1.0	1.9	4.3	11.1	7.0
Barkhan	32.8	33.5	140.8	56	16.2	0.6	3.2	0.6	1.3
Bunji	24.8	32.8	103.5	67	50.1	6.4	7.2	0.6	1.0
Cherat	27.5	31.0	120.8	66	8.0	3.0	4.2	2.6	3.7
Chhor	36.2	41.5	177.5	71	43.0	2.7	4.5	4.6	3.3
Chilas	27.2	33.0	121.0	46	10.0	6.7	6.7	1.1	5.0
Chitral	32.1	33.8	116.3	71	0.0	2.0	3.7	0.0	6.3
D.G.Khan	36.9	40.5	178.5	64	0.1	2.6	2.0	5.4	6.7
D.I.Khan	35.4	37.0	162.1	66	4.1	2.3	1.8	0.6	3.0
Dalbandin	41.6	43.0	167.7	26	0.0	0.3	0.7	2.0	3.3
Dir	31.0	32.0	107.6	72	45.0	4.4	5.3	0.0	0.3
Drosh	33.3	35.0	118.2	46	8.0	2.9	4.7	0.0	9.3
Faisalabad	30.1	35.5	152.1	83	203.6	3.7	5.0	1.3	1.8
Garidopatta	25.6	30.0	113.0	80	197.0	6.3	4.0	0.0	1.0
Gawader	35.0	37.0	167.6	69	0.0	2.0	0.8	0.0	8.3
Gilgit	25.2	32.5	98.5	68	22.3	6.6	6.3	0.0	1.7
Gupis	23.8	27.5	97.0	55	4.0	4.6	6.8	1.7	4.7
Hyderabad	37.3	38.5	184.6	60	0.0	3.9	4.8	13.1	16.7
Islamabad	27.8	30.0	140.4	76	333.1	6.0	5.5	1.1	2.3
Jacobabad	36.7	38.5	180.7	66	0.0	0.9	0.7	1.7	1.3

Jhang	33.4	37.8	161.4	82	13.1	3.6	5.0	0.3	1.7
Jhelum	27.6	29.0	139.4	85	220.0	7.0	6.8	2.3	2.7
Jiwani	33.8	37.0	170.1	75	0.0	5.7	2.0	0.9	8.0
Joharabad	32.3	34.0	157.1	77	2.0	3.6	4.8	1.4	3.7
Kakul	24.5	28.0	99.7	68	154.0	5.9	6.2	0.3	1.0
Kalam	23.2	24.5	80.5	69	0.0	4.3	6.3	0.0	0.0
Kalat	31.1	32.0	121.6	31	0.0	0.0	3.3	0.0	0.0
Karachi	35.6	40.0	185.5	60	1.0	4.9	4.8	10.3	9.7
Khanpur	36.0	37.9	174.6	70	0.1	2.3	3.0	1.4	2.7
Khuzdar	32.4	33.0	***	16	0.0	0.3	2.5	0.6	2.7
Kotli	24.8	28.3	120.4	87	431.0	7.7	6.3	1.1	2.3
Lahore	27.7	30.3	142.8	74	416.1	6.4	7.3	3.1	5.7
Larkana	37.4	39.0	185.5	61	0.0	1.0	1.7	2.3	3.3
Lasbella	40.0	42.0	186.5	54	0.0	2.7	1.3	0.9	7.3
Lower Dir	33.2	34.5	144.8	64	15.0	3.3	3.2	0.9	2.0
Malam Jabba	18.8	20.0	63.1	69	44.0	3.7	5.5	0.6	0.0
M.B Din	27.4	29.8	138.0	91	187.0	6.0	6.2	0.9	2.3
Mangla	28.6	29.5	136.4	86	345.0	6.9	5.7	3.1	4.3
Mir Khani	33.8	34.6	164.8	37	0.0	1.1	1.7	0.0	1.8
Moinjodaro	37.5	40.0	179.3	61	0.0	1.4	0.8	2.3	5.0
Multan	34.3	36.2	168.2	70	3.2	4.4	3.3	4.6	7.0
Murree	19.2	22.0	69.9	86	212.0	6.9	7.0	2.3	3.0
Muzaffarabad	27.8	32.2	120.3	76	130.0	6.0	5.2	0.0	0.3
Nokkundi	39.9	42.0	187.8	11	0.0	0.0	0.0	5.4	4.0
Noorpurthal	35.7	38.0	162.1	75	0.1	3.4	3.8	0.3	3.0
Okara	29.6	34.5	147.1	78	293.0	4.9	5.0	1.4	2.3
Padidan	37.3	39.0	181.8	65	0.0	1.4	2.5	1.6	2.0
Panjgur	37.6	38.0	160.5	20	0.0	0.0	0.5	0.9	9.3
Parachinar	28.7	29.2	105.8	57	2.0	4.1	4.3	3.3	3.3
Pasni	34.0	36.5	165.9	76	0.0	3.3	2.8	1.4	8.7
Peshawar	34.9	36.3	160.3	63	1.0	2.0	5.8	3.1	3.0

Quetta	31.8	32.4	132.4	24	0.0	1.7	2.3	2.2	3.6
R.Y.Khan	37.4	39.8	178.5	65	0.1	2.7	2.2	3.1	5.3
Rawalakot	19.9	23.2	79.7	85	507.0	6.9	5.8	0.0	0.7
Rohri	37.3	39.0	187.8	60	0.0	1.3	2.2	2.6	3.3
Rawalpindi	29.5	34.5	135.0	82	370.7	6.1	4.9	2.0	0.8
Sahiwal	30.9	34.5	145.3	83	34.1	4.1	4.7	2.0	2.7
Saidu Sharif	31.0	33.0	135.3	69	35.0	2.6	4.0	0.0	0.0
Sialkot	25.4	28.5	132.6	74	525.0	6.3	7.0	1.1	0.7
Sibbi	39.9	42.5	199.0	60	12.0	1.7	0.0	0.0	0.0
Skardu	17.7	27.2	55.9	76	122.1	7.3	7.0	0.0	0.0
Tandojam	37.2	38.5	185.0	65	0.0	1.4	2.0	1.7	1.7
Usta.M	37.5	39.0	188.4	58	0.0	1.0	0.3	0.1	0.2
Zhob	33.7	36.0	152.4	45	0.0	0.3	3.2	4.3	8.3

\*\*\* Shows that data was not available.