

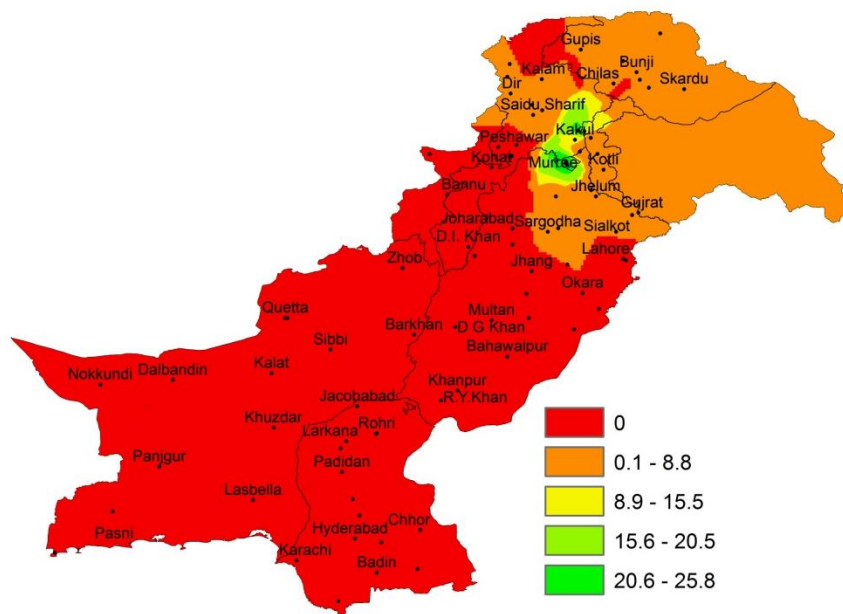
# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 15<sup>th</sup> to 21<sup>st</sup> September, 2014)**



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**Chief Editor: Dr. Khalid Mahmood Malik (Director)**  
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## Highlights of Past Weather (From 15<sup>th</sup> to 21<sup>st</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 many places in Punjab and Gilgit Baltistan.
- Dry weather was reported in Sindh and Balochistan
- Light to moderate rainfall reported at few places in Khyber Pakhtunkhwa.

**Past Weather of Provinces (From 15<sup>th</sup> to 21<sup>st</sup>****September, 2014)****Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 35.7°C & 24.0°C respectively. For the present season average 172.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 68% and wind speed in the morning/evening recorded 1.2/1.7 Knots. During the previous week highest amount of rainfall reported at Islamabad 26.0mm and highest maximum temperature was recorded 41.5°C at DG.Khan.

**Sindh**

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 37.1°C & 24.3°C respectively. For the present season average 180.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 65% and wind speed in the morning/evening recorded 5.0/6.0 Knots. During the previous week highest maximum temperature was recorded 41.5°C at Nawabshah.

**Khyber Pakhtunkhwa**

Light to moderate rainfall reported at few places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 32.7°C & 17.8°C respectively. For the present season average 143.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 60% and wind speed in the morning/evening recorded 0.5/2.5 Knots. During the previous week highest amount of rainfall reported at Rawalakot 26.0 mm and highest maximum temperature recorded 39.5°C at D.I.Khan.

**Balochistan**

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 35.2°C & 20.8°C respectively. For the present season average 173.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 43% and wind speed in the morning/evening recorded 1.2/4.8 Knots. During the previous week highest maximum temperature recorded 43.0°C at Dalbandin.

**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 31.0°C & 14.9°C respectively. For the present season average 125.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 57% and wind speed in the morning/evening recorded 0.2/1.1 Knots. During the previous week highest amount of rainfall reported at Muzaffarabad 15.1mm and highest maximum temperature recorded 37.7°C at Chilas.

**Past Weather for Major Agricultural Plains**  
**(From 15<sup>th</sup> to 21<sup>st</sup> September, 2014)**

**Rawalpindi (Potohar region)**

Rainfall reported as 28.0mm during the week; however cloudiness in the morning/evening recorded 0.9/0.4 Oktas while, average relative humidity observed 70%. Mean day time temperature recorded 33.8°C & for the present season 1535.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.6Knots.

**Faisalabad (Central Punjab)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/0.6 Oktas while average relative humidity observed as 54%. Mean day time temperature recorded 35.5°C & for the present season 182.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/0.8 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.3Oktas while, average relative humidity observed as 20%. Mean day time temperature recorded 31.6°C for the present season 125.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.8/2.9 Knots.

**Usta Muhammad (Eastern Balochistan)**

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 63%. Mean day time temperature recorded 37.2°C & for the present season 183.6 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 0.0/0.3 Oktas while average relative humidity observed as 70%. Mean day time temperature recorded 36.4°C & for the present season 175.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 2.6/2.3 Knots.

**Past Weather for Sub-Regional Agricultural Plains (From 15<sup>th</sup> to 21<sup>st</sup> September, 2014)**

**Rohri**

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 41%. Mean day time temperature recorded 39.4°C & for the present season 196.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/2.0 Knots.

**Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.1/0.0Oktas while, average relative humidity observed as 39%. Mean day time temperature recorded 37.5°C & for the present season 186.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.3/6.0 Knots.

**Lahore**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.3/2.4 Oktas while, average relative humidity observed as 36%. Mean day time temperature recorded 34.8°C & for the present season 177.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/0.9 Knots.

**Zhob**

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 36%. Mean day time temperature recorded 35.4°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 5.0/6.1 Knots.

**D.I. Khan**

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 40%. Mean day time temperature recorded 38.4°C & for the present season 183.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.7 Knots.

**Peshawar**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.6/0.3 Oktas while, average relative humidity observed as 37%. Mean day time temperature recorded 36.3°C & for the present season 178.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/2.0 Knots.

**Murree**

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 0.1/4.9 Oktas while, average relative humidity observed as 24%. Mean day time temperature recorded 22.6°C & for the present season 94.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.0 Knots.

**Kalam**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/3.3 Oktas while, average relative humidity observed as 28%. Mean day time temperature recorded 26.2°C & for the present season 97.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.1 Knots.

**Gilgit**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.3/2.6 Oktas while, average relative humidity observed as 36%. Mean day time temperature recorded 32.9°C & for the present season 121.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/2.6 Knots.

**Skardu**

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 0.4/2.3 Oktas while, average relative humidity observed as 31%. Mean day time temperature recorded 28.2°C & for the present season 94.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.3 Knots.

**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 *Tesling 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)**

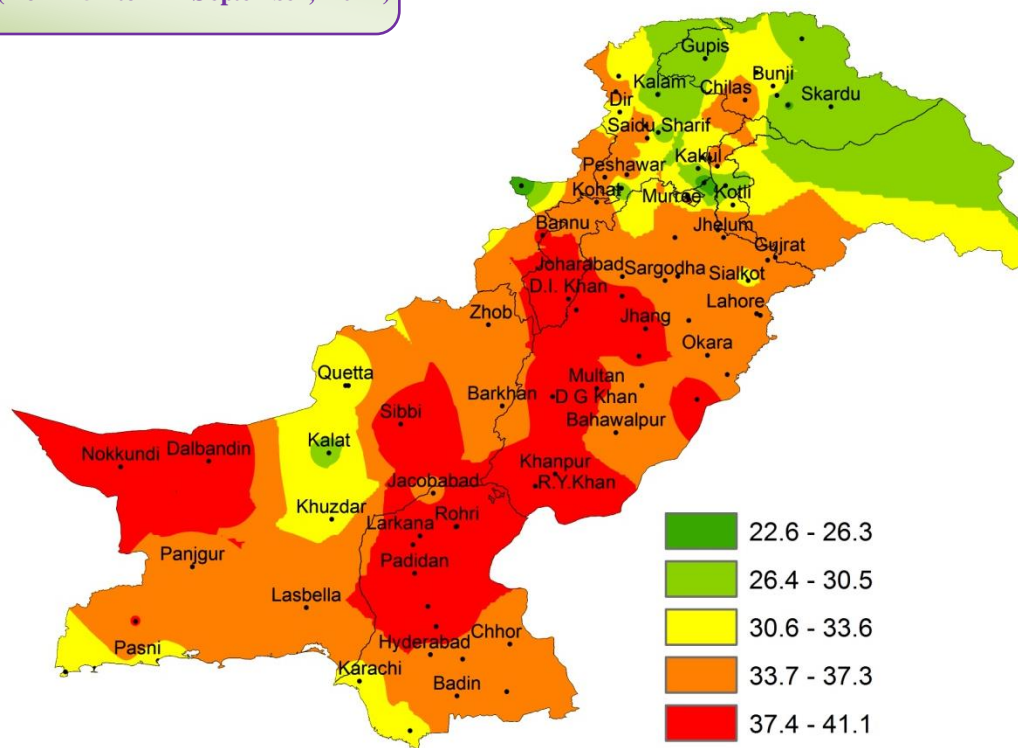
There is presently no crop in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

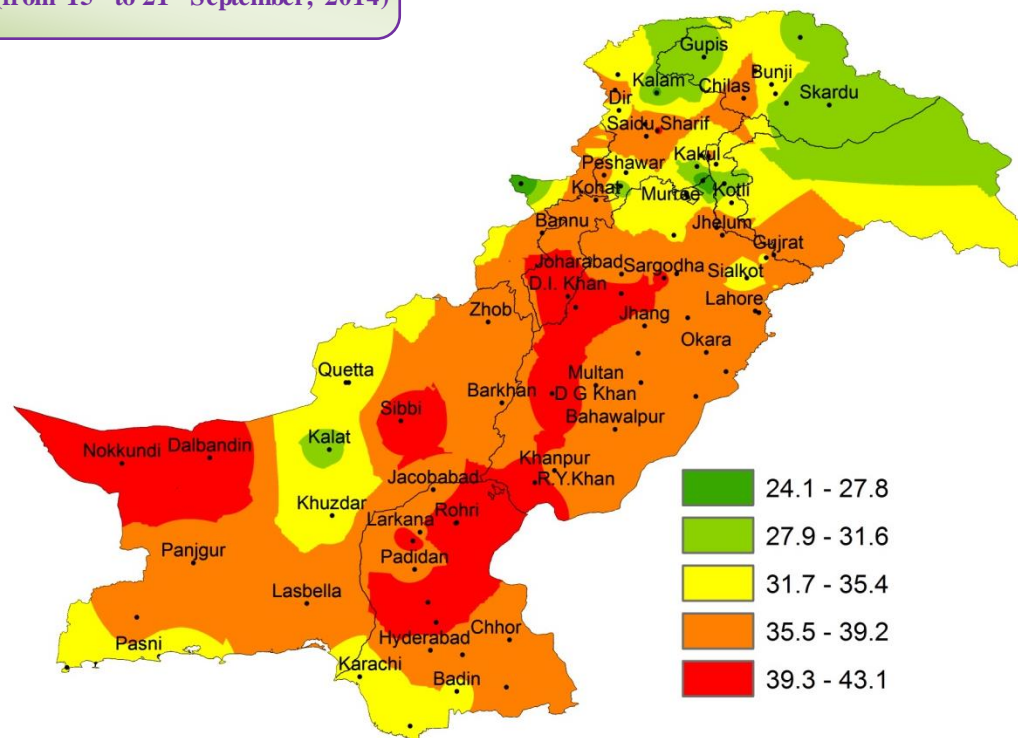
There is presently one crop grown in the fields of RAMC Usta Muhammad.

*Rice:* Good condition at *shooting stage*.

Mean Maximum Temperature (°C) during the  
Previous week (from 15<sup>th</sup> to 21<sup>st</sup> September, 2014)

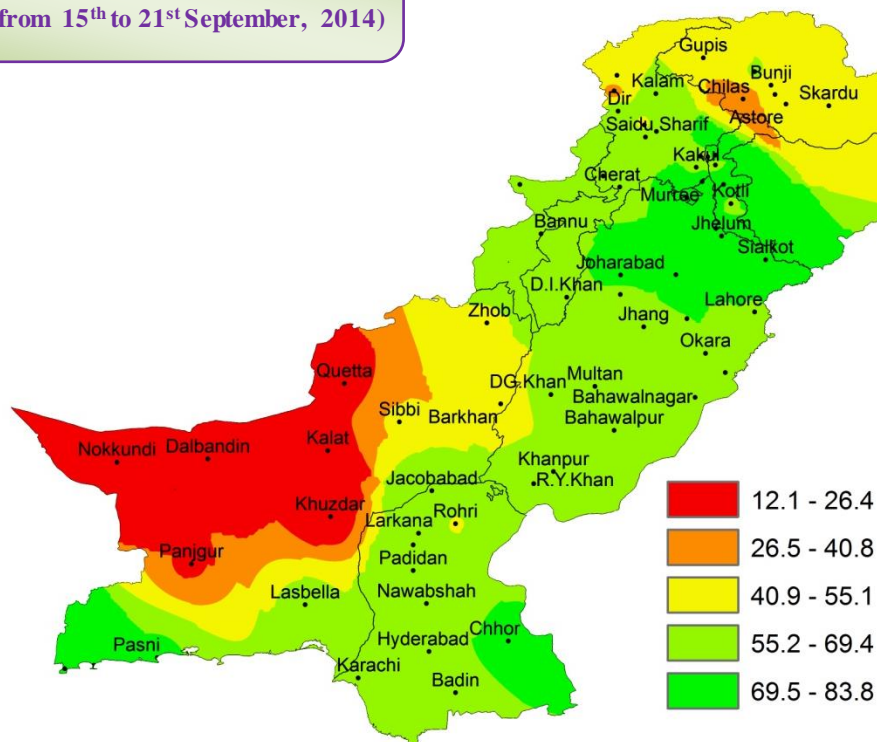


Highest Maximum Temperature (°C) during the  
Previous week (from 15<sup>th</sup> to 21<sup>st</sup> September, 2014)

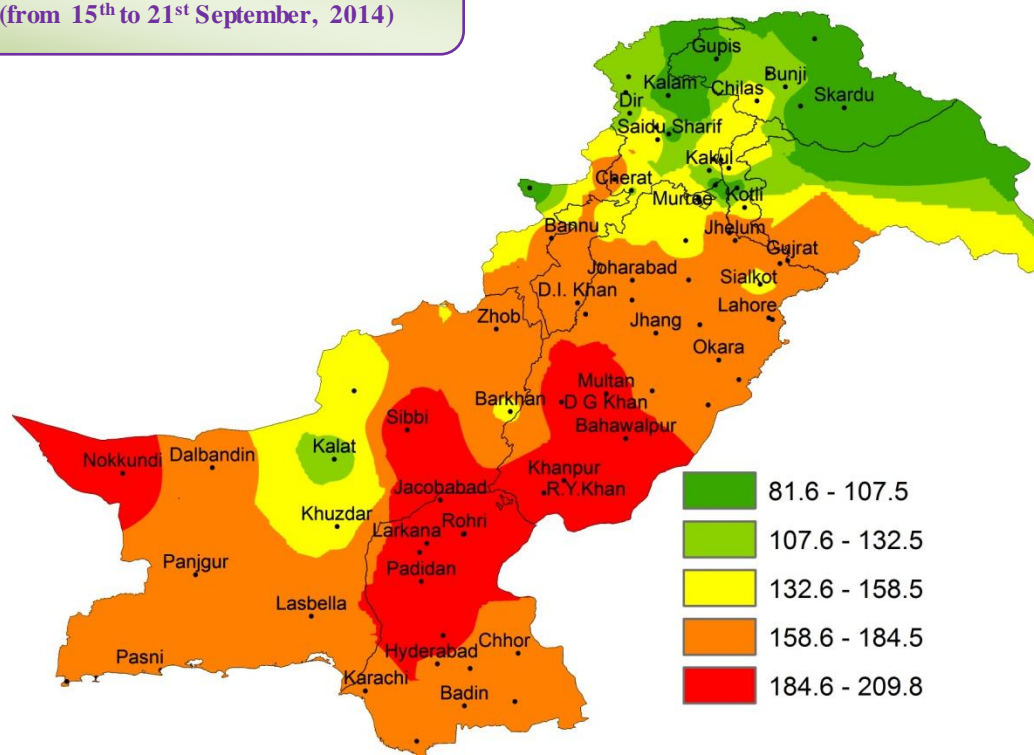




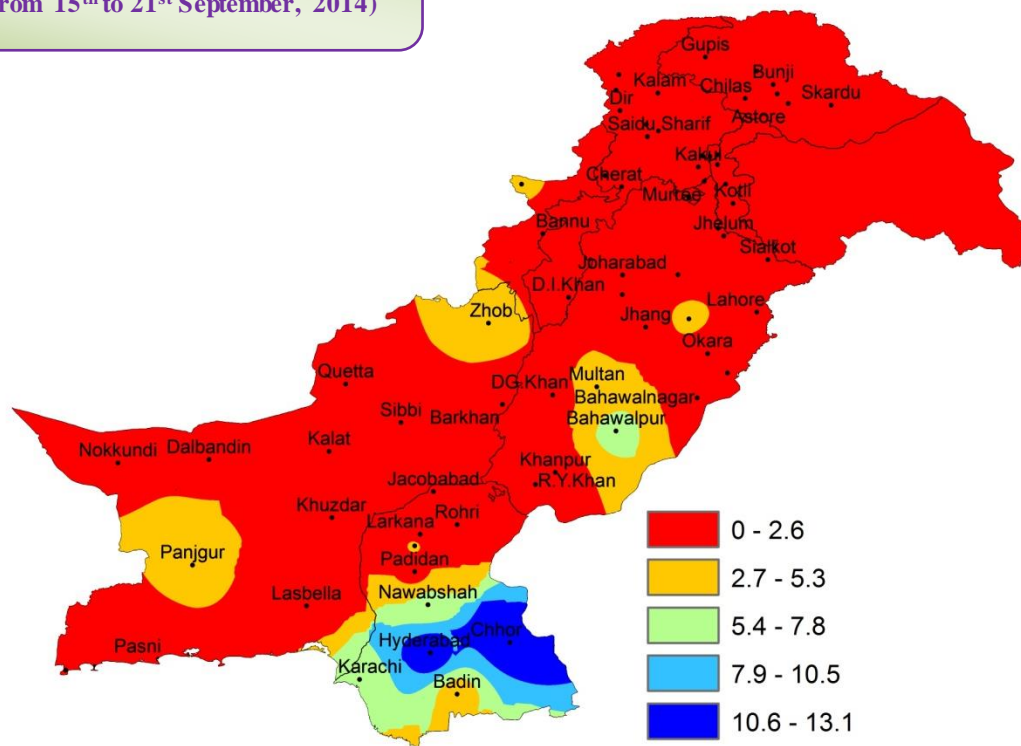
Mean Relative Humidity (%) during the  
Previous week (from 15<sup>th</sup> to 21<sup>st</sup> September, 2014)



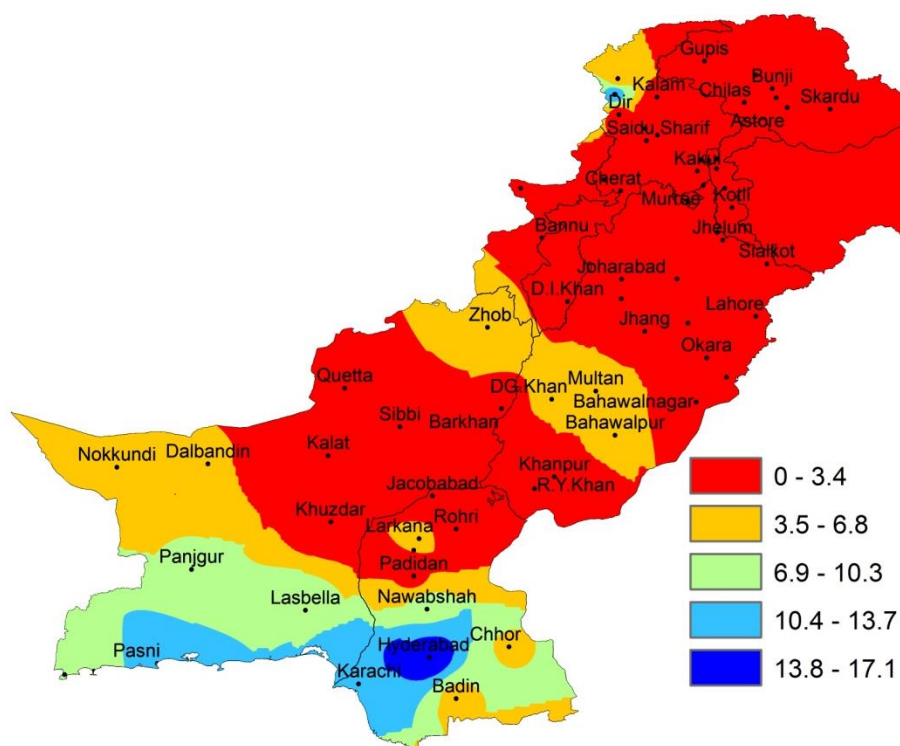
Total Growing Degree Days accumulated during the  
Previous week (from 15<sup>th</sup> to 21<sup>st</sup> September, 2014)



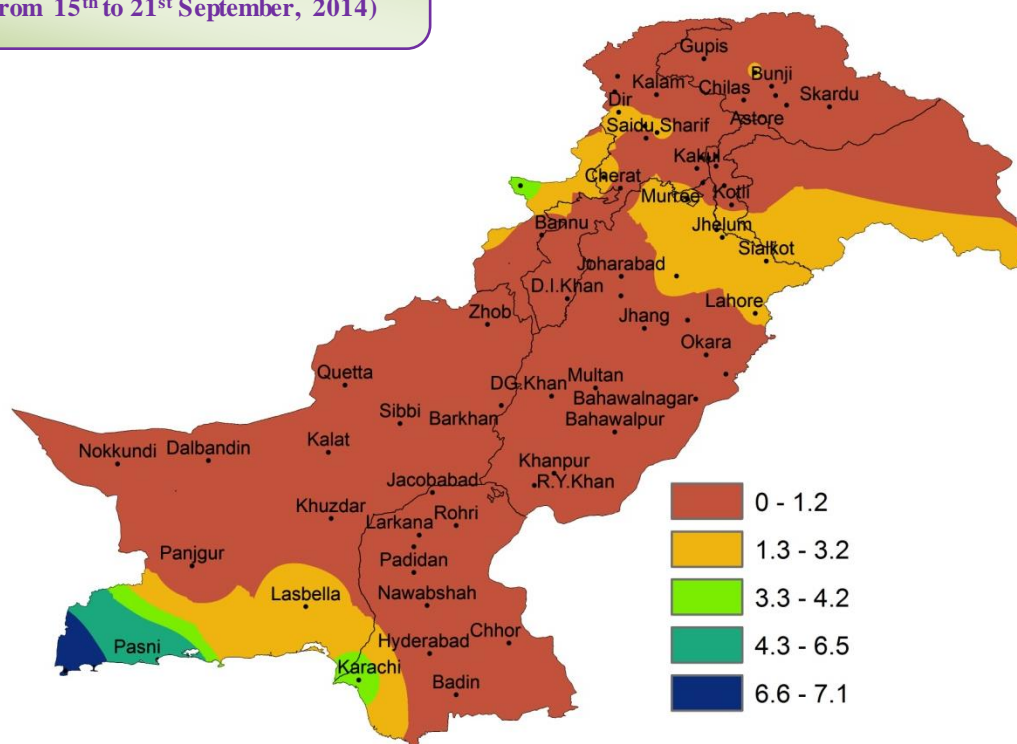
Mean Wind Speed (Knots) at 0800 PST during the  
Previous week (from 15<sup>th</sup> to 21<sup>st</sup> September, 2014)



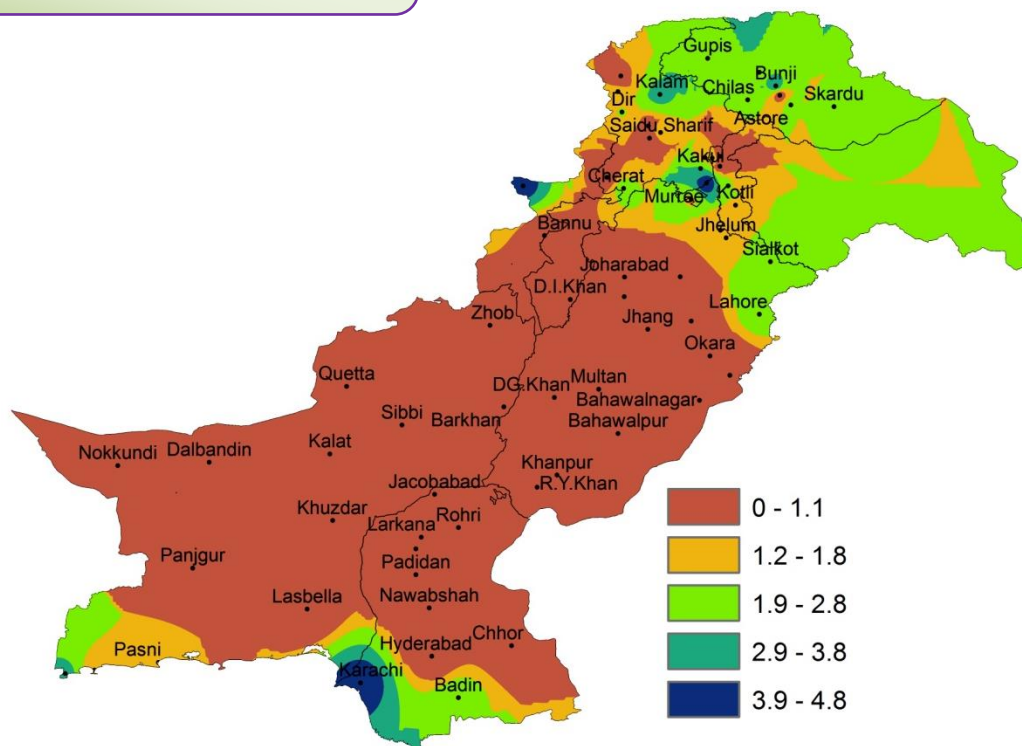
**Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 15<sup>th</sup> to 21<sup>st</sup> September, 2014)**



Mean Cloudiness (Oktas) at 0800PST during the  
Previous week (from 15<sup>th</sup> to 21<sup>st</sup> September, 2014)



Mean Cloudiness (Oktas) at 1700PST during the  
Previous week (from 15<sup>th</sup> to 21<sup>st</sup> September, 2014)





**Weekly Weather Advisory for Farmers**  
**(From 22<sup>nd</sup> to 27<sup>th</sup> September, 2014)**

Continental air would prevail over most parts of the country during next 3 to 4 days. Seasonal low lies over Baluchistan and adjoining areas. A fresh shallow westerly wave is expected to affect upper parts of the country during the second half of the week.

**MONDAY**  
**22-09-2014**

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

**TUESDAY**  
**23-09-2014**

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

**WEDNESDAY**  
**24-09-2014**

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

**THURSDAY**  
**25-09-2014**

Mainly hot and humid weather is expected in most parts of the country. However, rain-thunderstorm (associated with windstorm) is expected at isolated places in Malakand, Hazara, Peshawar, Kohat, Rawalpindi, Sargodha divisions, Islamabad and Kashmir.

**FRIDAY**  
**26-09-2014**

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

**SATURDAY**  
**27-09-2014**

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower (associated with windstorm) is expected at isolated places of Malakand, Hazara, Peshawar, Kohat, Rawalpindi, Gujranwala, and Sargodha divisions, Islamabad, Kashmir and Gilgit-Baltistan.

**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 arrangements in this regard should be taken.

**National Weather Data of Selected Cities****(Weekly Data From 15<sup>th</sup> to 21<sup>st</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	25.8	27.6	88.9	27.6	1.0	0.4	2.1	0.3	1.4
Badin	34.6	35.0	173.8	35.0	0.0	0.0	2.6	3.4	5.1
Bahawalnagar	37.9	38.5	192.2	38.5	0.0	0.0	0.3	0.3	0.6
Bahawalpur	36.5	37.2	182.8	37.2	0.0	0.0	0.0	6.0	4.0
Balakot	31.7	32.8	135.9	32.8	26.0	0.0	1.0	0.0	0.0
Bannu	37.6	39.0	179.7	39.0	0.0	0.3	0.0	0.0	2.0
Barkhan	35.3	36.0	167.5	36.0	0.0	0.0	0.0	0.0	1.4
Bunji	31.9	33.9	134.1	33.9	0.0	1.1	3.7	0.0	0.3
Cherat	28.2	29.5	125.0	29.5	0.0	0.9	2.3	1.4	2.9
Chhor	36.2	37.0	174.7	37.0	0.0	0.1	0.1	12.7	6.3
Chilas	36.4	37.7	166.5	37.7	0.0	0.0	2.0	0.0	1.4
Chitral	33.3	34.5	125.2	34.5	0.0	0.0	0.9	0.0	3.1
DG.Khan	39.4	41.5	194.4	41.5	0.0	0.0	0.0	0.6	4.3
D.I.Khan	38.4	39.5	183.3	39.5	0.0	0.0	0.0	0.3	1.7
Dalbandin	41.0	43.0	171.0	43.0	0.0	0.0	0.0	2.3	3.7
Dir	31.9	34.0	123.5	34.0	4.0	1.6	1.9	0.0	0.6
Drosh	35.1	37.3	137.3	37.3	0.0	0.0	1.1	0.0	14.4
Faisalabad	35.5	37.3	182.6	54.0	0.0	0.4	0.6	1.4	0.8
Garidopatta	33.7	34.0	147.0	34.0	0.0	0.6	0.9	0.0	0.9
Gawader	32.6	33.0	162.8	33.0	0.0	6.6	1.3	0.0	8.4
Gilgit	32.9	35.5	121.3	35.5	0.1	1.3	2.6	0.0	2.6
Gupis	28.4	29.5	110.2	29.5	0.0	0.4	2.7	0.6	2.6
Hyderabad	36.1	37.0	176.0	37.0	0.0	0.0	0.0	13.1	17.1
Islamabad	33.0	34.5	154.8	34.5	25.0	2.6	1.6	0.0	0.9
Jacobabad	36.9	37.5	180.3	37.5	0.0	0.0	0.0	1.4	1.7
Jhang	38.0	38.8	191.2	38.8	0.0	0.0	0.0	0.6	1.4
Jhelum	35.3	36.3	171.6	36.3	2.0	2.1	1.4	0.0	0.9
Jiwani	31.4	32.0	160.9	32.0	0.0	7.0	3.1	1.1	7.7
Joharabad	35.6	37.5	178.0	37.5	0.0	0.3	0.0	0.3	1.4
Kakul	29.3	30.0	122.4	30.0	9.0	0.0	3.0	0.0	2.0
Kalam	26.2	27.5	97.2	27.5	0.0	0.0	3.3	0.0	1.1
Kalat	30.1	31.0	115.0	31.0	0.0	0.0	0.0	0.0	0.3
Karachi	33.2	34.0	173.5	34.0	0.0	3.9	4.6	6.3	12.9
Khanpur	38.0	38.5	183.3	38.5	0.0	0.0	0.0	1.4	1.4
Khuzdar	33.3	34.5	139.8	34.5	0.0	0.0	0.0	0.0	0.3
Kotli	33.4	34.4	157.3	34.4	1.0	1.0	1.6	1.6	1.4

Lahore	34.8	35.5	177.2	35.5	0.0	1.3	2.4	0.9	0.9
Larkana	38.2	39.0	183.5	39.0	0.0	0.0	0.3	1.7	4.0
Lasbella	37.3	37.5	178.3	37.5	0.0	2.1	0.0	0.0	10.0
Lower Dir	36.6	37.5	172.0	37.5	1.0	1.4	1.0	1.4	2.3
Malam Jabba	27.5	39.5	***	39.5	2.0	1.3	1.3	0.0	0.0
M.B Din	35.1	36.5	171.5	36.5	5.0	2.0	0.3	0.6	0.0
Mangla	35.2	36.5	170.2	36.5	3.0	3.1	1.7	0.0	0.0
Mir Khani	30.3	32.6	132.1	32.6	0.0	0.0	0.3	0.0	1.9
Moinjodaro	38.8	39.5	189.5	39.5	0.0	0.0	0.0	2.9	3.4
Multan	37.5	38.6	186.7	38.6	0.0	0.1	0.0	4.3	6.0
Murree	22.6	24.0	94.0	24.0	1.0	0.1	4.9	0.3	0.0
Muzaffarabad	34.8	36.5	152.8	36.5	15.1	0.0	2.1	0.0	0.3
Nokkundi	39.2	41.0	183.6	41.0	0.0	0.0	0.0	2.3	4.0
Noorpurthal	39.4	41.0	201.4	41.0	0.0	0.0	0.0	0.0	0.0
Okara	36.7	38.0	180.3	38.0	0.0	0.3	0.0	0.0	0.3
Padidan	37.9	38.5	181.3	38.5	0.0	0.0	0.0	1.7	2.0
Panjgur	36.2	37.0	166.3	37.0	0.0	0.0	0.0	3.7	7.7
Parachinar	25.1	26.0	90.0	26.0	0.0	3.9	4.3	3.3	3.3
Pasni	32.3	33.0	167.5	33.0	0.0	4.9	1.6	1.1	13.1
Peshawar	36.3	37.0	178.4	37.0	0.0	1.6	0.3	1.7	2.0
Quetta	31.6	37.0	125.2	20.0	0.0	0.0	0.3	1.8	2.9
R.Y.Khan	39.8	40.4	188.8	40.4	0.0	0.0	0.3	1.4	2.3
Rawalakot	26.9	28.5	108.4	28.5	4.0	0.0	1.9	0.0	1.4
Rohri	39.4	40.5	196.3	40.5	0.0	0.0	0.0	2.0	2.0
Rawalpindi	33.8	35.0	153.5	70.0	28.0	0.9	0.4	0.3	0.6
Sahiwal	36.9	38.0	174.4	38.0	0.0	0.0	0.0	0.6	2.3
Saidu Sharif	34.0	37.5	150.0	37.5	0.0	0.6	0.7	0.0	0.0
Sialkot	33.6	35.2	167.0	35.2	8.0	3.0	2.4	0.3	1.1
Sibbi	40.9	42.0	206.5	42.0	0.0	0.0	0.0	0.0	0.3
Skardu	28.2	31.3	94.6	31.3	2.0	0.4	2.3	0.0	0.3
Tandojam	36.4	37.0	175.8	70.0	0.0	0.0	0.3	2.6	2.3
U.Muhammad	37.2	38.7	183.6	63.0	0.0	0.0	0.0	0.1	0.2
Zhob	35.4	36.0	164.0	36.0	0.0	0.0	0.0	5.0	6.1

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