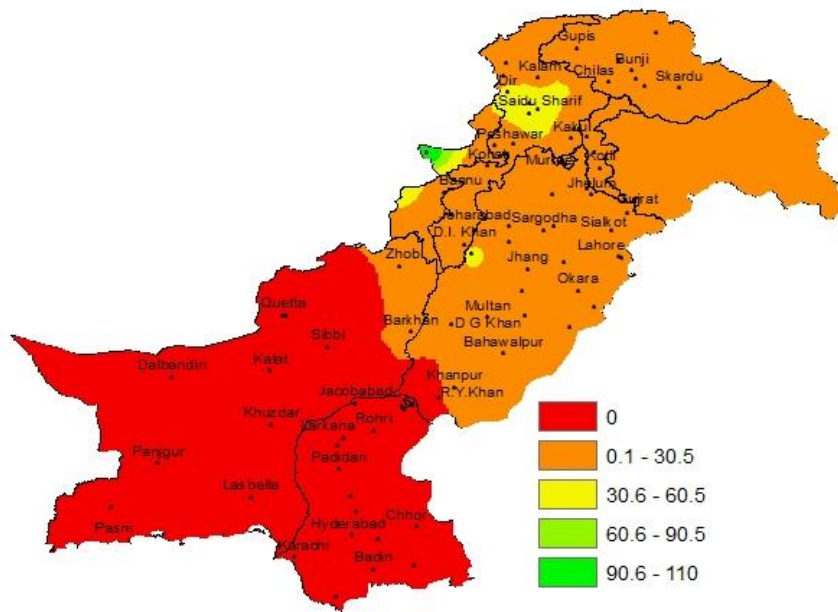


# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 13<sup>th</sup> to 19<sup>th</sup> October, 2014)**

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**Highlights of Past Weather (From 13<sup>th</sup> to 19<sup>th</sup> October, 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 reported at many places in Punjab and Khyber Pakhtunkhwa.
- Light to moderate rainfall reported at few places in Gilgit-Baltistan & Kashmir regions.
- Dry weather was reported in Sindh and Balochistan.

**Patron-in-Chief: Hazrat Mir (Director General)**  
**Chief Editor: Dr. Khalid Mahmood Malik (Director)**  
**Editor: Khalida Noureen (Meteorologist)**

**Past Weather of Provinces (From 13<sup>th</sup> to 19<sup>th</sup>****October, 2014)****Punjab**

Light rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 28.4°C & 16.2°C respectively. For the present season average 121.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 66% and wind speed in the morning/evening 0.6/2.1 Knots. During the previous week highest amount of rainfall reported at Bhakkar 40.0mm and highest maximum temperature was recorded 35.5°C at R.Y.Khan.

**Sindh**

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 34.4°C & 19.2°C respectively. For the present season average 152.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 46% and wind speed in the morning/evening recorded 1.0/4.1 Knots. During the previous week highest maximum temperature was recorded 42.2°C at Chhor.

**Khyber Pakhtunkhwa**

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 22.2°C & 10.2°C respectively. For the present season average 69.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 69% and wind speed in the morning/evening recorded 1.0/1.9 Knots. During the previous week highest amount of rainfall reported at Parachinar 110.2mm and highest maximum temperature recorded 33.0°C at D.I.Khan.

**Balochistan**

Dry weather was reported in Balochistan during the week. Weekly maximum and minimum temperatures recorded 30.2°C & 14.7°C respectively. For the present season average 123.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 36% and wind speed in the morning/evening recorded 1.2/3.8 Knots. During the previous week highest maximum temperature recorded 41.0°C at Lasbella.

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

Light to moderate rainfall reported at few places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 22.1°C & 8.9°C respectively. For the present season average 70.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 59% and wind speed in the morning/evening recorded 0.6/1.7 Knots. During the previous week highest amount of rainfall reported at Rawalakot 23.6mm and highest maximum temperature recorded 30.2°C at Muzaffarabad.

**Past Weather for Major Agricultural Plains  
(From 13<sup>th</sup> to 19<sup>th</sup> October, 2014)**

**Rawalpindi (Potohar region)**

Rainfall reported as 6.3mm during the week; however cloudiness in the morning/evening recorded 2.1/2.0 Oktas while, average relative humidity observed 69%. Mean day time temperature recorded 25.7°C & for the present season 153.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.9 Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.0/0.6 Oktas while average relative humidity observed as 56%. Mean day time temperature recorded 29.6°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 0.9/1.5 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/2.0 Oktas while, average relative humidity observed as 27%. Mean day time temperature recorded 23.4°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 0.9/3.8 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/1.1 Oktas while, average relative humidity observed as 59%. Mean day time temperature recorded 33.8°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 0.1/0.1 Knots.

**Tandojam (Lower Singh)**

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 51%. Mean day time temperature recorded 34.4°C & for the present season 175.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.6/0.3 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 13<sup>th</sup> to 19<sup>th</sup> October, 2014)**

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/0.7 Oktas while, average relative humidity observed as 51%. Mean day time temperature recorded 32.3°C & for the present season 156.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.0 Knots.

**Multan**

Rainfall reported as 23.0mm during the week; however cloudiness in the morning/evening recorded 1.1/1.7 Oktas while, average relative humidity observed as 63%. Mean day time temperature recorded 29.5°C & for the present season 133.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/3.1 Knots.

**Lahore**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/2.3 Oktas while, average relative humidity observed as 61%. Mean day time temperature recorded 28.7°C & for the present season 134.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/4.6 Knots.

**Zhob**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/1.4 Oktas while, average relative humidity observed as 41%. Mean day time temperature recorded 25.3°C & for the present season 88.6 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 as 8.0mm during the week; however cloudiness in the morning/evening recorded 1.9/1.1 Oktas while, average relative humidity observed as 66%. Mean day time temperature recorded 29.1°C & for the present season 120.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.4 Knots.

**Peshawar**

Rainfall reported as 27.0mm during the week; however cloudiness in the morning/evening recorded 0.9/1.9 Oktas while, average relative humidity observed as 43%. Mean day time temperature recorded 26.4C & for the present season 117.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.0 Knots.

**Murree**

Rainfall reported as 17.7mm during the week; however cloudiness in the morning/evening recorded 3.0/3.4 Oktas while, average relative humidity observed as 59%. Mean day time temperature recorded 17.1°C & for the present season 54.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/0.6 Knots.

**Kalam**

Rainfall reported as 20.0mm during the week; however cloudiness in the morning/evening recorded 3.3/5.4 Oktas while, average relative humidity observed as 81%. Mean day time temperature recorded 15.9°C & for the present season 33.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.9 Knots.

**Gilgit**

Rainfall reported as 1.1mm during the week; however cloudiness in the morning/evening recorded 6.9/6.0 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 24.1°C & for the present season 69.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/4.0 Knots.

**Skardu**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 5.9/6.1 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 18.6°C & for the present season 43.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/1.9 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 *flowering 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 *Maturity stage*.

**Northern Balochistan (Quetta)**

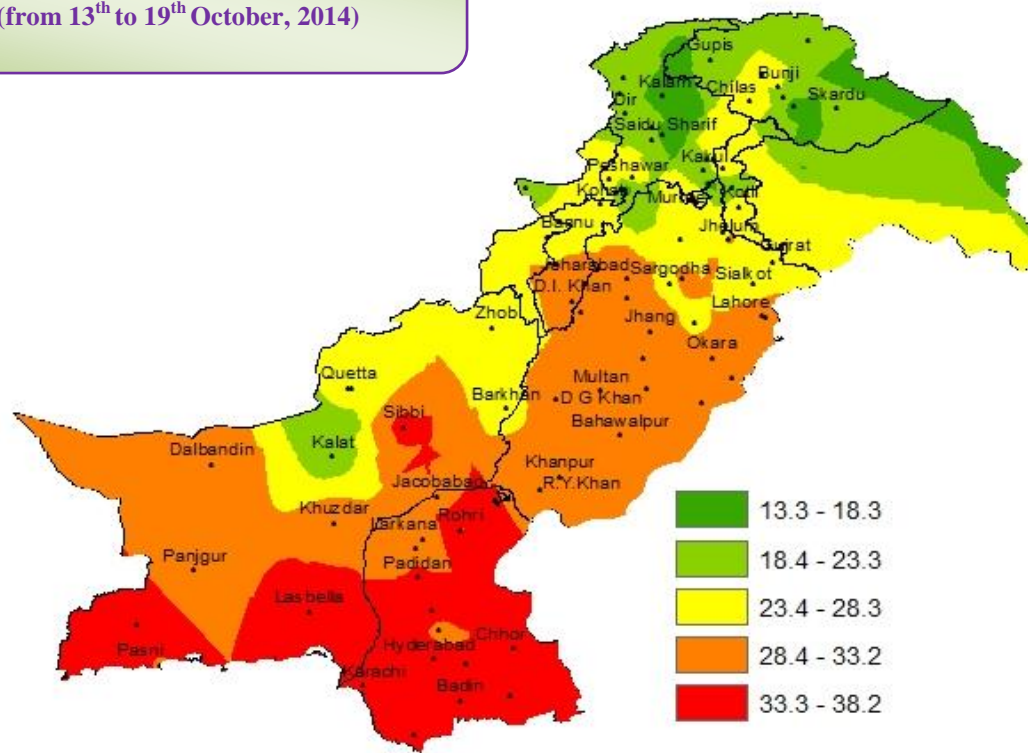
There is presently no crop in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

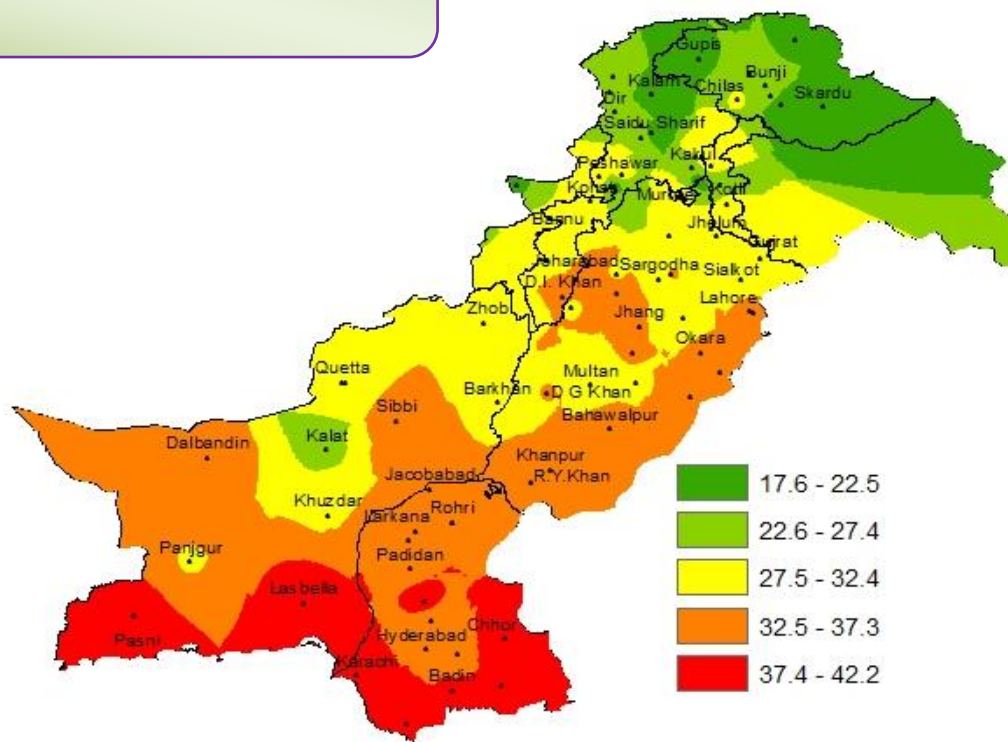
There is presently one crop grown in the fields of RAMC Usta Muhammad.

*Rice:* Good condition at *Full Maturity stage*.

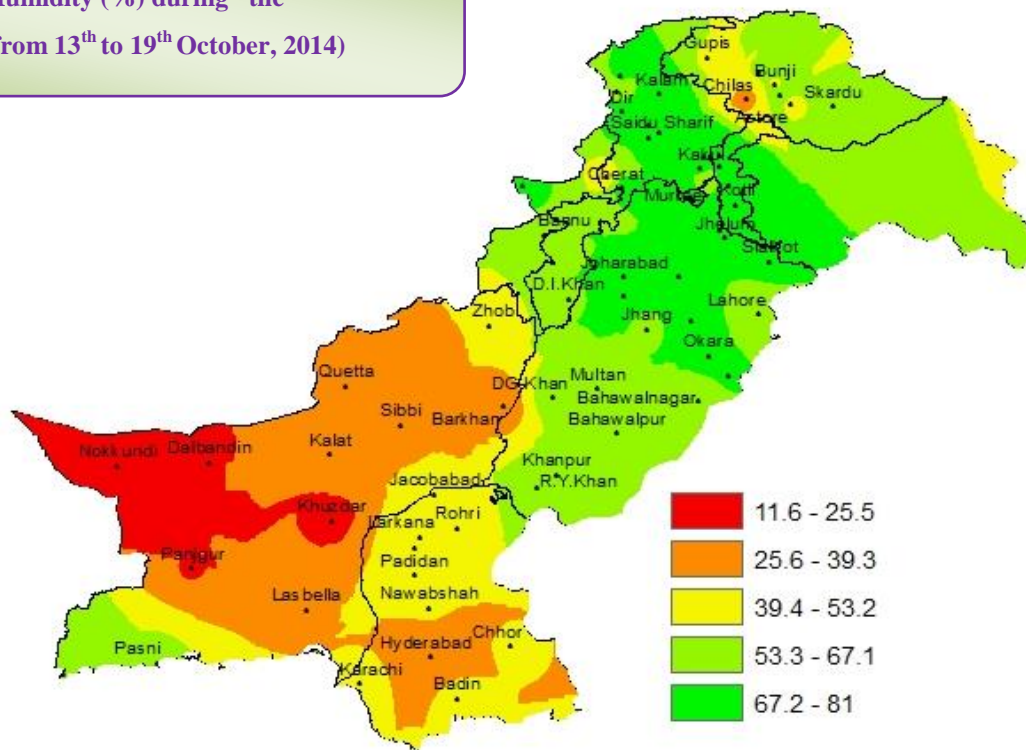
Mean Maximum Temperature (°C) during the Previous week (from 13<sup>th</sup> to 19<sup>th</sup> October, 2014)



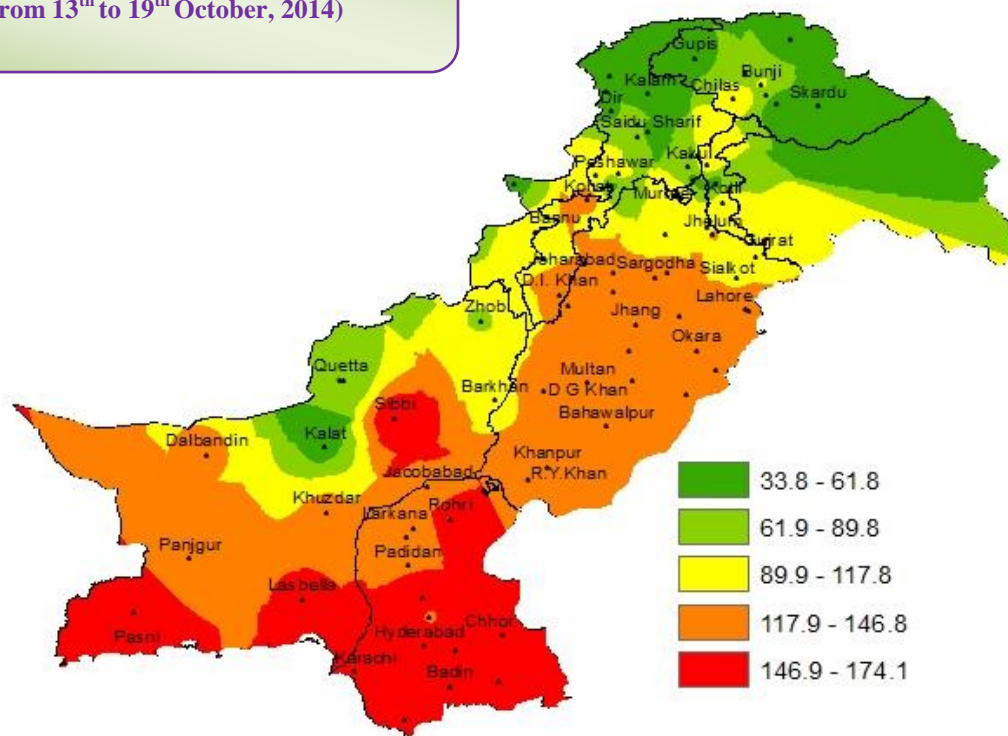
Highest Maximum Temperature (°C) during the Previous week (from 13<sup>th</sup> to 19<sup>th</sup> October, 2014)



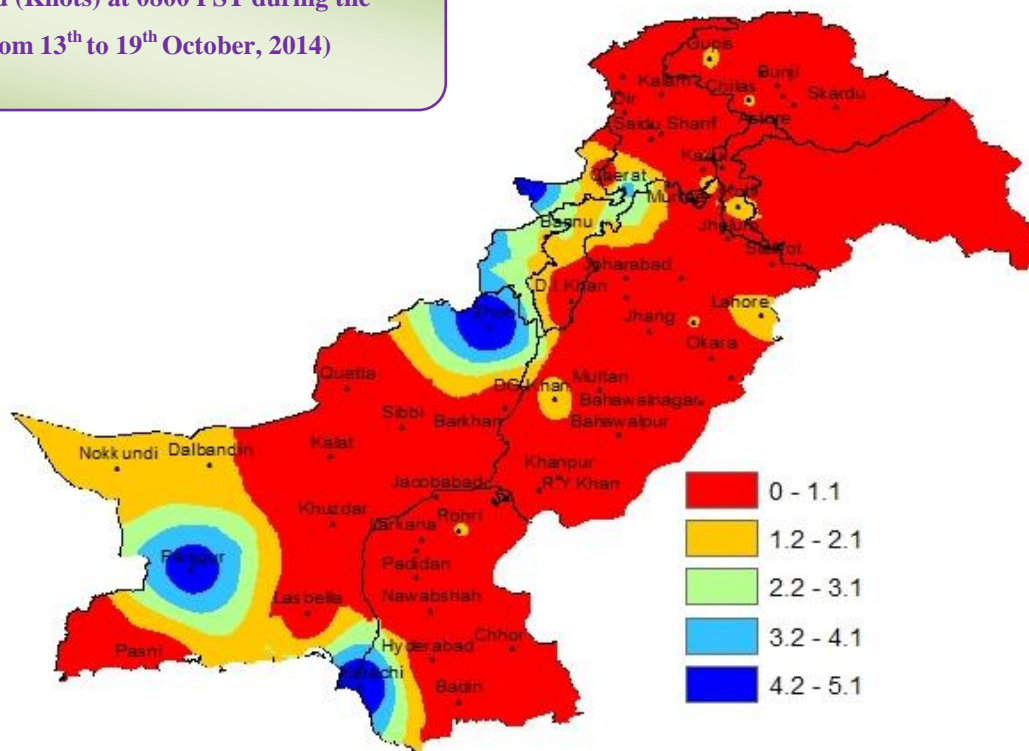
Mean Relative Humidity (%) during the Previous week (from 13<sup>th</sup> to 19<sup>th</sup> October, 2014)



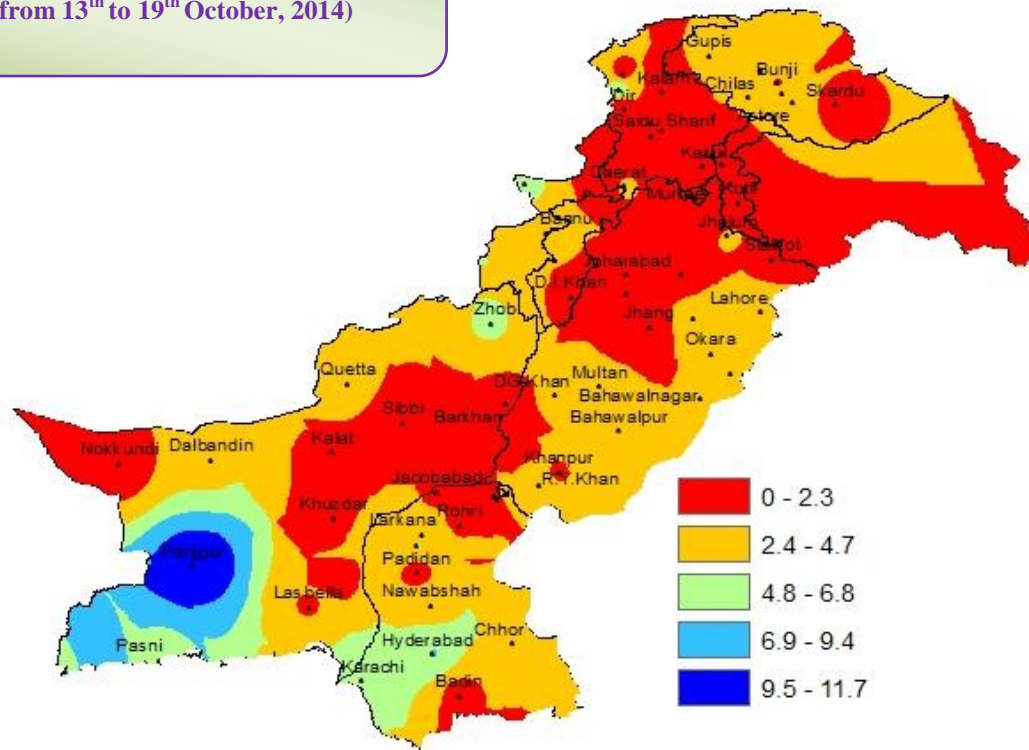
Total Growing Degree Days accumulated during the Previous week (from 13<sup>th</sup> to 19<sup>th</sup> October, 2014)



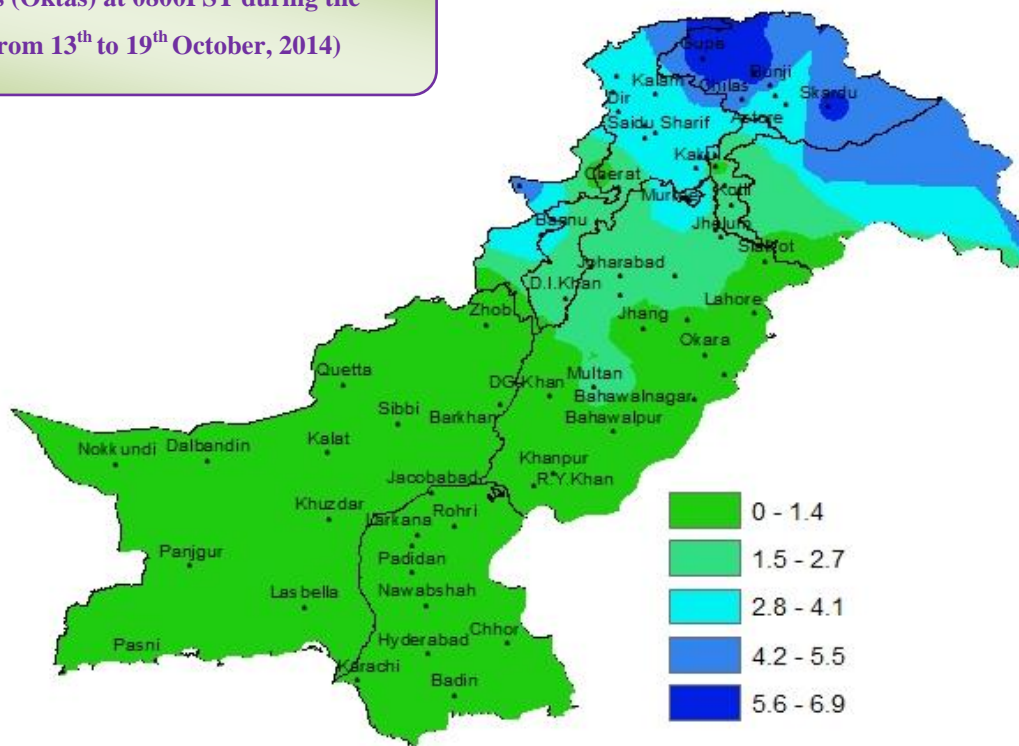
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 13<sup>th</sup> to 19<sup>th</sup> October, 2014)



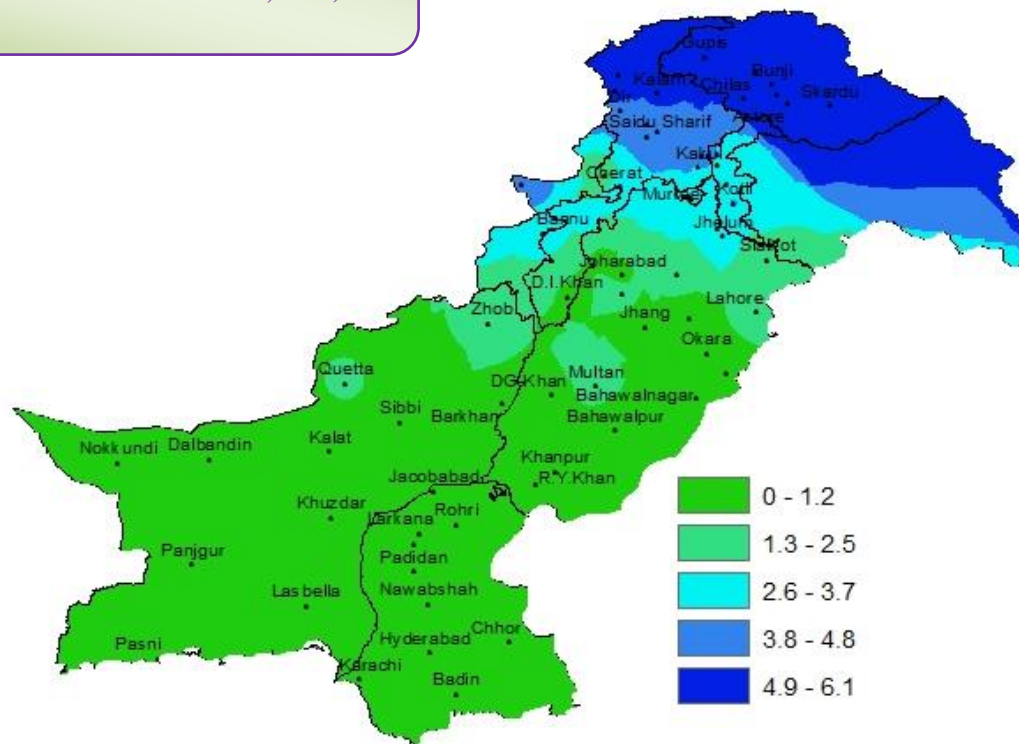
Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 13<sup>th</sup> to 19<sup>th</sup> October, 2014)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 13<sup>th</sup> to 19<sup>th</sup> October, 2014)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 13<sup>th</sup> to 19<sup>th</sup> October, 2014)





**Weekly Weather Advisory for Farmers**  
**(From 20<sup>th</sup> to 26<sup>th</sup> October, 2014)**

A westerly wave is affecting upper parts of the country and likely to persist during next 24 hours. Continental would prevail over most parts of the country from Monday to Thursdays. A fresh westerly wave is expected to affect upper parts of the country on Thursday (evening/night) and likely to persist till Saturday.

**MONDAY**  
**20-10-2014**

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

**TUESDAY**  
**21-10-2014**

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

**WEDNESDAY**  
**22-10-2014**

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

**THURSDAY**  
**23-10-2014**

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

**FRIDAY**  
**24-10-2014**

Rain-thunderstorm is expected at isolated places in upper KP (Malakand, Hazara, Peshawar, Kohat, Bannu divisions), Islamabad, upper Punjab Rawalpindi, Gujranwala, Sargodha divisions) Kashmir and Gilgit-Baltistan. Dry weather is expected in other parts of the country.

**SATURDAY**  
**25-10-2014**

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

**Advises for Crops**

- Pest/viral attacks and more weeds growth are expected after 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. 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 13<sup>th</sup> to 19<sup>th</sup> October, 2014)**

Stations	Maximum/Day time Temperature (°C)		Growin g Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Highest							
Astore	16.2	17.5	35.3	50	3.0	3.1	5.1	0.6	2.6
Badin	34.8	38.0	154.9	42	0.0	0.0	0.0	0.3	1.4
Bahawalnagar	30.3	34.0	134.4	63	3.0	1.0	0.0	0.6	2.6
Bahawalpur	31.0	33.5	134.4	64	10.1	1.0	0.0	0.9	3.7
Balakot	23.0	27.5	83.1	70	18.1	3.6	4.7	1.4	0.3
Bannu	27.8	30.3	108.5	62	7.0	2.9	2.9	2.0	4.0
Barkhan	27.0	29.0	104.8	30	0.0	0.0	1.1	0.3	1.1
Bunji	23.6	25.0	95.6	51	0.1	4.6	5.1	1.1	2.0
Cherat	17.1	21.0	56.0	75	27.0	2.6	3.1	3.4	2.9
Chhor	38.2	42.2	162.6	40	0.0	0.0	0.0	0.0	3.7
Chilas	25.8	27.8	105.1	35	1.0	4.1	5.0	1.1	2.6
Chitral	20.8	25.0	61.8	69	11.0	3.9	5.3	0.0	1.4
DG.Khan	30.8	32.5	136.3	62	1.0	0.3	1.0	1.4	2.9
D.I.Khan	29.1	33.0	120.3	66	8.0	1.9	1.1	0.3	1.4
Dalbandin	32.3	36.0	121.1	25	0.0	0.0	0.3	1.1	4.0
Dir	18.9	23.0	57.7	79	36.0	3.9	3.9	0.6	0.0
Drosh	21.5	26.4	57.3	57	12.0	3.4	6.0	0.0	6.6
Faisalabad	29.6	33.0	182.6	56	0.1	1.0	0.6	0.9	1.5
Garidopatta	27.3	30.0	114.6	68	21.0	0.0	2.9	0.0	0.0
Gawader	35.1	38.0	154.3	56	0.0	0.6	0.6	0.0	8.4
Gilgit	24.1	25.5	69.1	55	1.1	6.9	6.0	0.0	4.0
Gupis	18.5	20.5	49.0	52	2.0	6.0	5.4	1.1	3.1

Hyderabad	34.3	37.0	158.9	30	0.0	0.0	0.0	0.3	6.9
Islamabad	25.4	29.2	100.3	78	9.0	3.1	3.1	0.0	0.9
Jacobabad	32.8	37.0	139.3	43	0.0	0.0	0.4	0.6	2.0
Jhang	29.7	32.4	122.8	66	11.0	1.1	0.7	0.0	0.3
Jhelum	28.4	31.8	118.5	72	2.2	2.3	2.7	0.6	2.9
Jiwani	33.3	37.3	165.3	64	0.0	1.3	0.4	0.0	6.0
Joharabad	29.1	32.0	122.5	69	13.0	1.6	1.1	0.9	0.6
Kakul	21.2	25.0	71.9	70	19.0	3.7	3.6	0.3	0.6
Kalam	15.9	19.5	33.7	81	20.0	3.3	5.4	0.0	0.3
Kalat	20.8	26.0	52.8	31	0.0	0.0	0.0	0.9	2.0
Karachi	36.8	40.0	172.6	42	0.0	0.0	0.0	5.1	6.6
Khanpur	31.7	35.0	136.5	60	0.0	0.7	0.7	0.0	2.3
Khuzdar	30.5	32.0	126.5	22	0.0	0.0	0.6	0.0	2.0
Kotli	26.1	28.9	106.5	69	10.0	2.6	3.7	1.6	0.6
Lahore	28.7	32.5	134.6	61	0.0	1.0	2.3	1.4	4.6
Larkana	32.4	36.0	142.2	48	0.0	0.0	0.6	0.3	3.7
Lasbella	37.0	41.0	152.0	38	0.0	0.0	0.4	0.6	2.3
Lower Dir	22.9	27.0	88.0	72	43.0	3.4	3.9	0.9	1.7
Malam Jabba	13.2	17.5	34.0	72	52.0	3.9	4.1	0.0	0.0
M.B Din	29.0	32.7	124.7	71	1.1	2.0	2.0	0.0	0.6
Mangla	27.9	31.5	115.4	68	2.0	2.7	2.6	0.6	1.7
Mir Khani	21.7	25.5	74.8	63	8.0	3.1	5.0	0.0	4.0
Moinjodaro	31.9	36.0	132.0	47	0.0	0.0	0.3	0.0	4.9
Multan	29.5	31.3	133.3	63	23.0	1.7	1.7	0.0	3.1
Murree	17.1	20.0	54.2	59	17.7	3.0	3.4	1.7	0.6
Muzaffarabad	25.4	30.2	98.4	68	15.0	2.7	5.0	0.0	1.0

Nokkundi	30.5	37.0	***	12	0.0	0.0	0.3	1.1	0.6
Noorpurthal	29.8	35.0	124.7	70	16.0	1.4	1.4	0.0	0.6
Okara	29.0	32.5	122.0	70	7.0	1.1	0.3	0.3	2.9
Padidan	33.6	36.0	146.8	46	0.0	0.0	0.0	0.9	1.4
Panjgur	29.4	32.0	122.7	25	0.0	0.0	0.0	4.6	11.7
Parachinar	20.0	21.8	50.8	76	110.2	4.9	4.7	5.0	5.3
Pasni	33.1	38.5	150.0	58	0.0	0.0	0.0	0.6	5.4
Peshawar	26.4	29.8	117.2	43	27.0	0.9	1.9	0.6	0.0
Quetta	23.4	28.0	125.2	27	0.0	0.6	2.0	0.9	3.8
R.Y.Khan	32.8	35.5	142.0	59	0.0	0.7	0.6	0.9	2.6
Rawalakot	19.5	23.6	52.1	78	23.6	2.4	3.4	0.0	1.1
Rohri	32.3	34.5	156.2	51	0.0	0.6	0.7	1.1	2.0
Rawalpindi	25.7	28.5	153.5	69	6.3	2.1	2.0	0.3	0.9
Sahiwal	29.5	33.5	121.5	68	1.0	1.1	0.4	0.6	2.9
Saidu Sharif	21.7	26.5	77.0	74	42.0	3.4	4.6	0.0	0.3
Sialkot	27.3	29.8	115.7	70	2.1	0.7	1.9	0.3	0.9
Sibbi	34.2	37.0	174.1	33	0.0	0.0	0.0	0.0	0.0
Skardu	18.6	19.6	43.6	53	0.0	5.9	6.1	0.0	1.9
Tandojam	34.4	36.5	175.8	51	0.0	0.0	0.0	0.6	0.3
Usta.M	33.8	35.7	183.6	59	0.0	0.0	1.1	0.1	0.1
Zhob	25.3	28.5	88.6	41	0.0	0.0	1.4	5.0	5.0

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