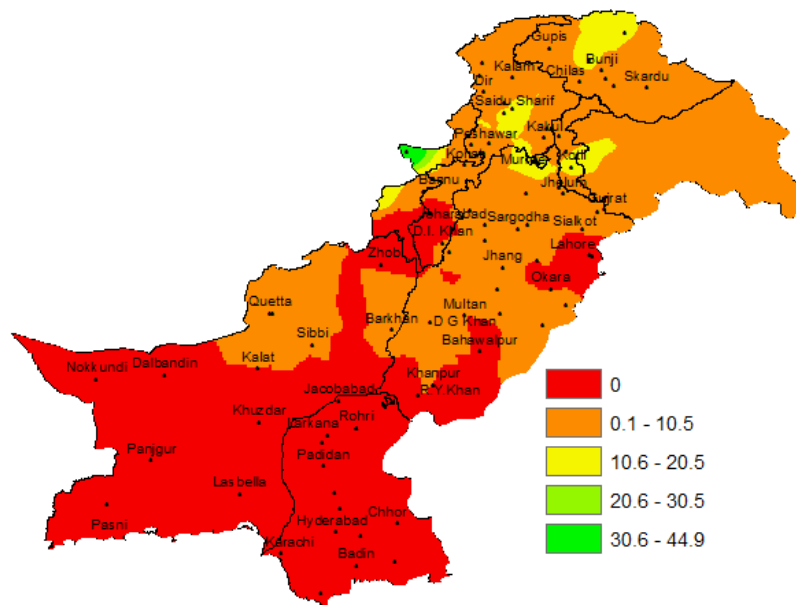


# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 20<sup>th</sup> to 26<sup>th</sup> October, 2014)**

## Highlights of Past Weather (From 20<sup>th</sup> to 26<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 rainfall reported at many places in Punjab, Khyber Pakhtunkhwa and Gilgit-Baltistan.
- Light rainfall reported at single place (Quetta = 0.1mm) in Balochistan.
- Dry weather was reported in Sindh.

**Contents**

Highlights of past weather (General)	1-2
Past weather for Agri Plains	3-4
Crop progress	4
Min Temperature maps	5
R.H and GDD	6
Wind speed maps	7
Cloudiness maps	8
Farmers advisory	9
National data for selected stations	10-12

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

**Past Weather of Provinces (From 20<sup>th</sup> to 26<sup>th</sup>****October, 2014)****Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 31.5°C & 17.5°C respectively. For the present season average 137.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening 0.8/1.0 Knots. During the previous week highest amount of rainfall reported at Islamabad 21.0mm and highest maximum temperature was recorded 37.8°C at R.Y.Khan.

**Sindh**

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 36.7°C & 19.8°C respectively. For the present season average 163.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 51% and wind speed in the morning/evening recorded 1.2/2.2 Knots. During the previous week highest maximum temperature was recorded 40.5°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 25.4°C & 11.0°C respectively. For the present season average 86.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 67% and wind speed in the morning/evening recorded 0.6/3.2 Knots. During the previous week highest amount of rainfall reported at Parachinar 45.0 mm and highest maximum temperature recorded 39.0°C at D.I.Khan.

**Balochistan**

Light rainfall reported at single place (Quetta=0.1mm) in Balochistan during the week. Weekly maximum and minimum temperatures recorded 31.7°C & 16.4°C respectively. For the present season average 141.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 44% and wind speed in the morning/evening recorded 1.2/3.9 Knots. During the previous week highest maximum temperature was recorded 39.0°C at Lasbella.

**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 21.9°C & 8.5°C respectively. For the present season average 72.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening recorded 0.5/1.2 Knots. During the previous week highest amount of rainfall reported at Gilgit 19.3mm and highest maximum temperature recorded 32.5°C at Muzaffarabad.

**Past Weather for Major Agricultural Plains  
(From 20<sup>th</sup> to 26<sup>th</sup> October, 2014)**

**Rawalpindi (Potohar region)**

Rainfall reported as 15.0mm during the week; however cloudiness in the morning/evening recorded 1.7/0.6 Oktas while, average relative humidity observed 70%. Mean day time temperature recorded 28.8°C & for the present season 166.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.6 Knots.

**Faisalabad (Central Punjab)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.4/0.0 Oktas while, average relative humidity observed as 52%. Mean day time temperature recorded 32.6°C & for the present season 193.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.5/0.2 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.1/4.0 Oktas while, average relative humidity observed as 31%. Mean day time temperature recorded 30.4°C & for the present season 177.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.8/3.3 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.1/0.1 Oktas while, average relative humidity observed as 62%. Mean day time temperature recorded 35.0°C & for the present season 210.0 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 56%. Mean day time temperature recorded 37.8°C & for the present season 230.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.3/0.0 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 20<sup>th</sup> to 26<sup>th</sup> October, 2014)**

**Rohri**

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 50%. Mean day time temperature recorded 36.5°C & for the present season 169.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/2.3 Knots.

**Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.9/0.3 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 32.2°C & for the present season 150.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/2.9 Knots.

**Lahore**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.3/0.4 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 30.9°C & for the present season 145.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/2.0 Knots.

**Zhob**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.1/2.9 Oktas while, average relative humidity observed as 38%. Mean day time temperature recorded 27.8°C & for the present season 105.1 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**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.4/0.7 Oktas while, average relative humidity observed as 65%. Mean day time temperature recorded 31.9°C & for the present season 136.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.1 Knots.

**Peshawar**

Rainfall reported as 10.0mm during the week; however cloudiness in the morning/evening recorded 1.0/2.1 Oktas while, average relative humidity observed as 74%. Mean day time temperature recorded 28.9°C & for the present season 128.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.6 Knots.

**Murree**

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 2.0/1.7 Oktas while, average relative humidity observed as 63%. Mean day time temperature recorded 19.6°C & for the present season 70.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/0.6 Knots.

**Kalam**

Rainfall reported as 9.3mm during the week; however cloudiness in the morning/evening recorded 2.7/2.4 Oktas while, average relative humidity observed as 77%. Mean day time temperature recorded 17.3°C & for the present season 44.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0 Knots.

**Gilgit**

Rainfall reported as 19.3mm during the week; however cloudiness in the morning/evening recorded 5.0/4.9 Oktas while, average relative humidity observed as 74%. Mean day time temperature recorded 21.4°C & for the present season 66.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.0 Knots.

**Skardu**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 3.9/3.6 Oktas while, average relative humidity observed as 56%. Mean day time temperature recorded 18.1°C & for the present season 36.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/1.1 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 *hard maturity 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)**

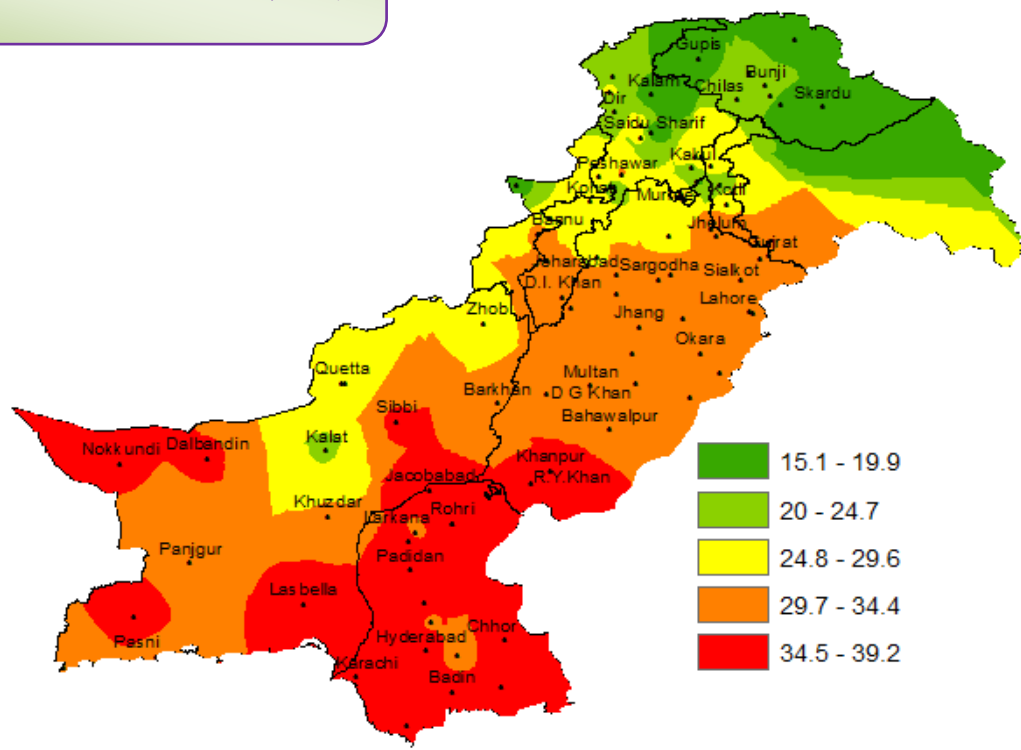
There is presently no crop in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

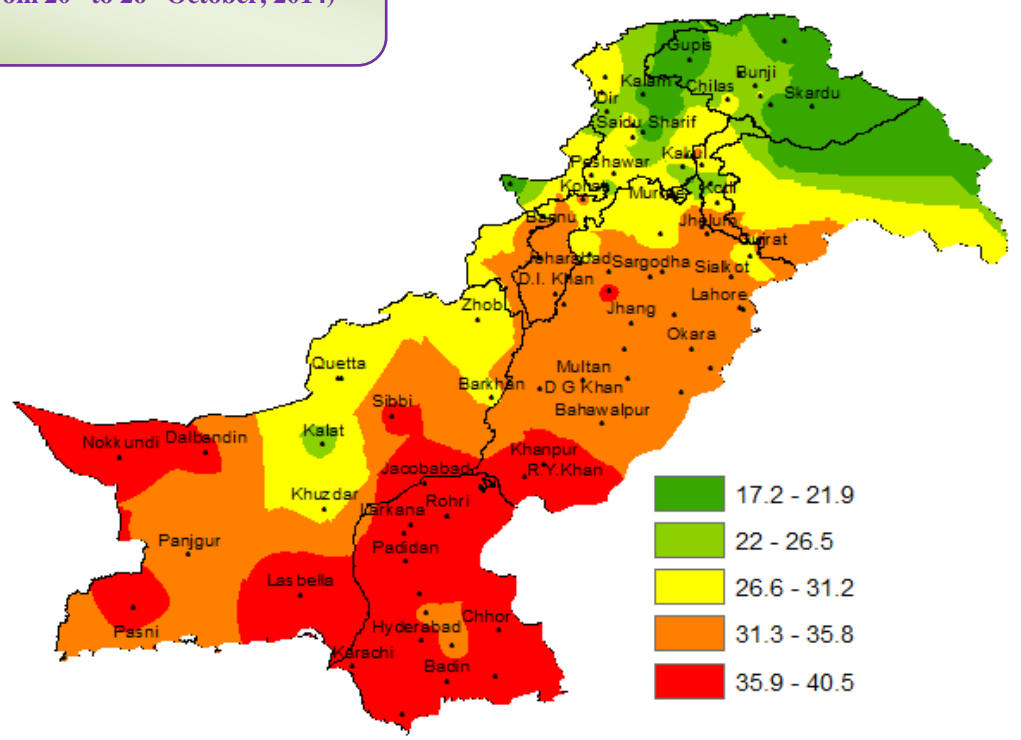
There is presently one crop grown in the fields of RAMC Usta Muhammad.

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

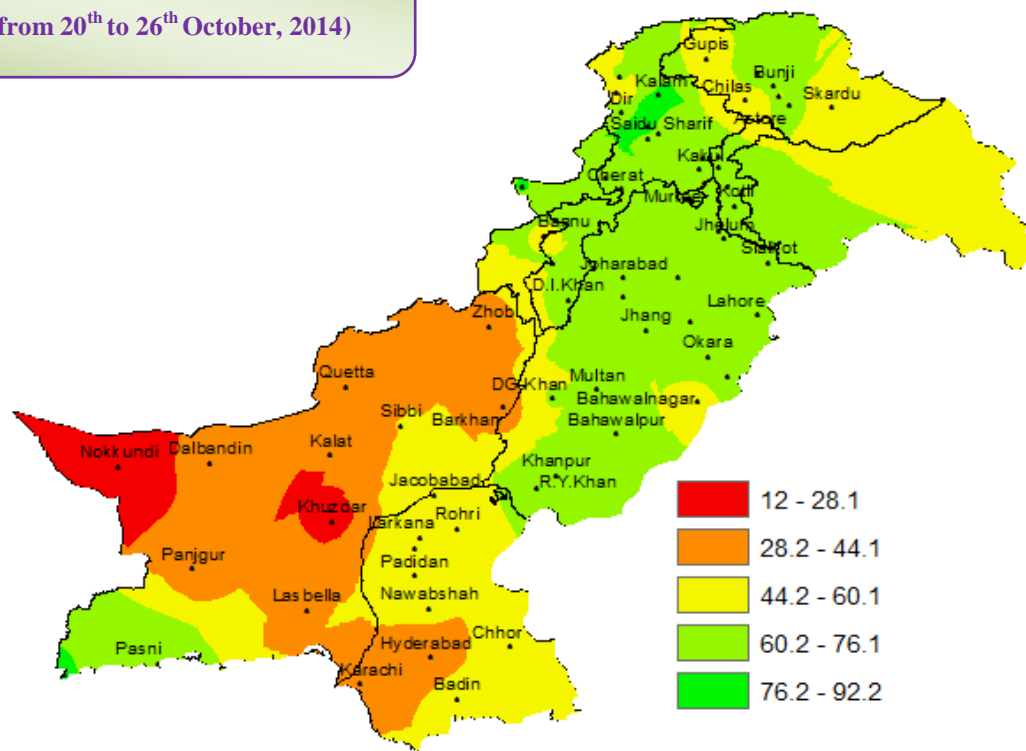
Mean Maximum Temperature (°C) during the Previous week (from 20<sup>th</sup> to 26<sup>th</sup> October, 2014)



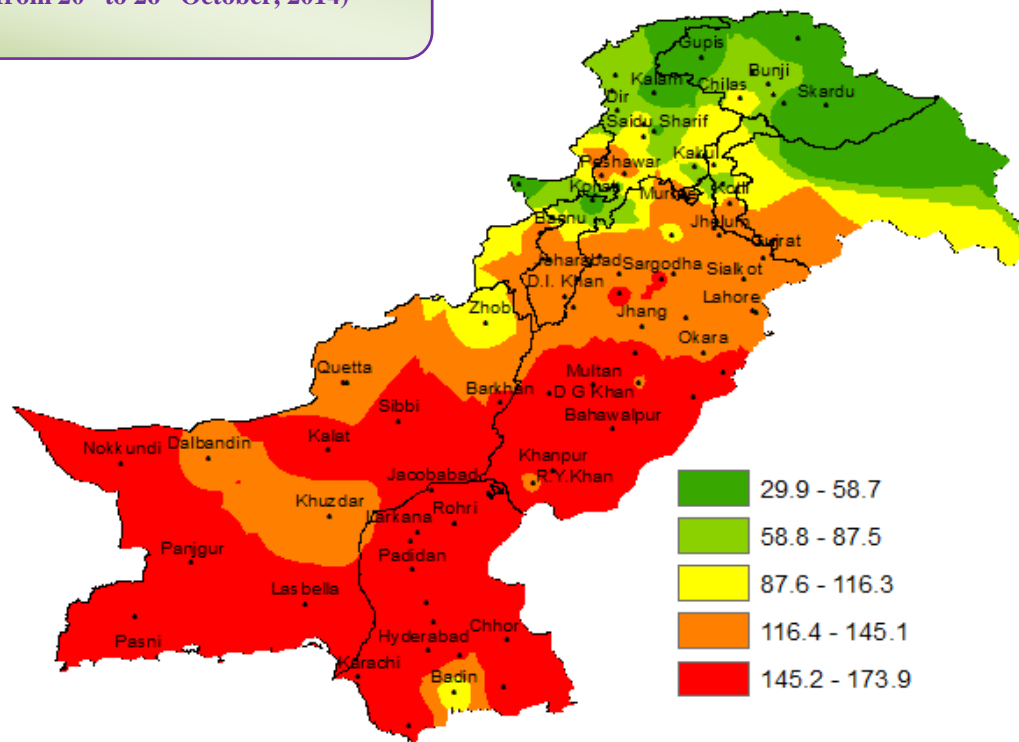
Highest Maximum Temperature (°C) during the Previous week (from 20<sup>th</sup> to 26<sup>th</sup> October, 2014)



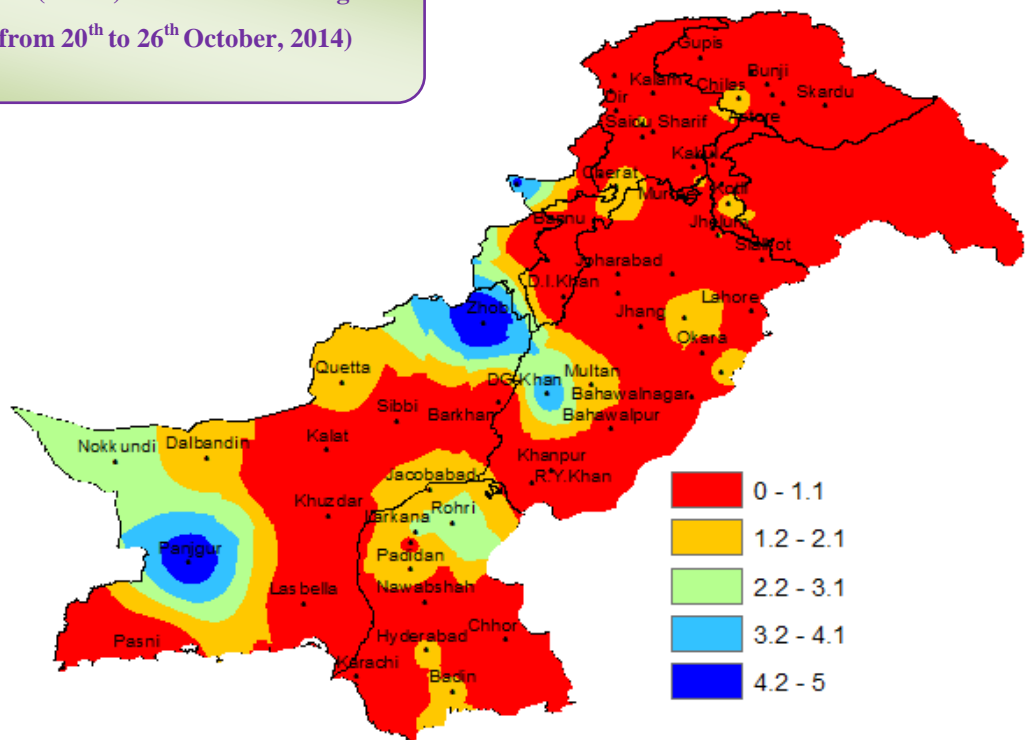
Mean Relative Humidity (%) during the Previous week (from 20<sup>th</sup> to 26<sup>th</sup> October, 2014)



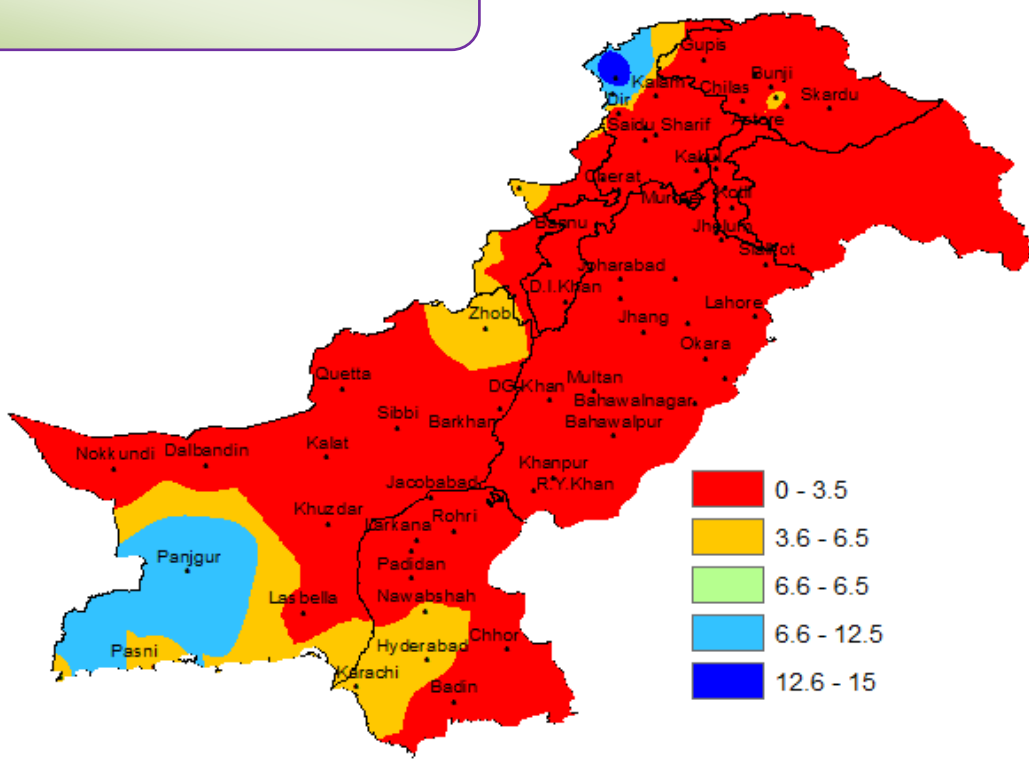
Total Growing Degree Days accumulated during the Previous week (from 20<sup>th</sup> to 26<sup>th</sup> October, 2014)



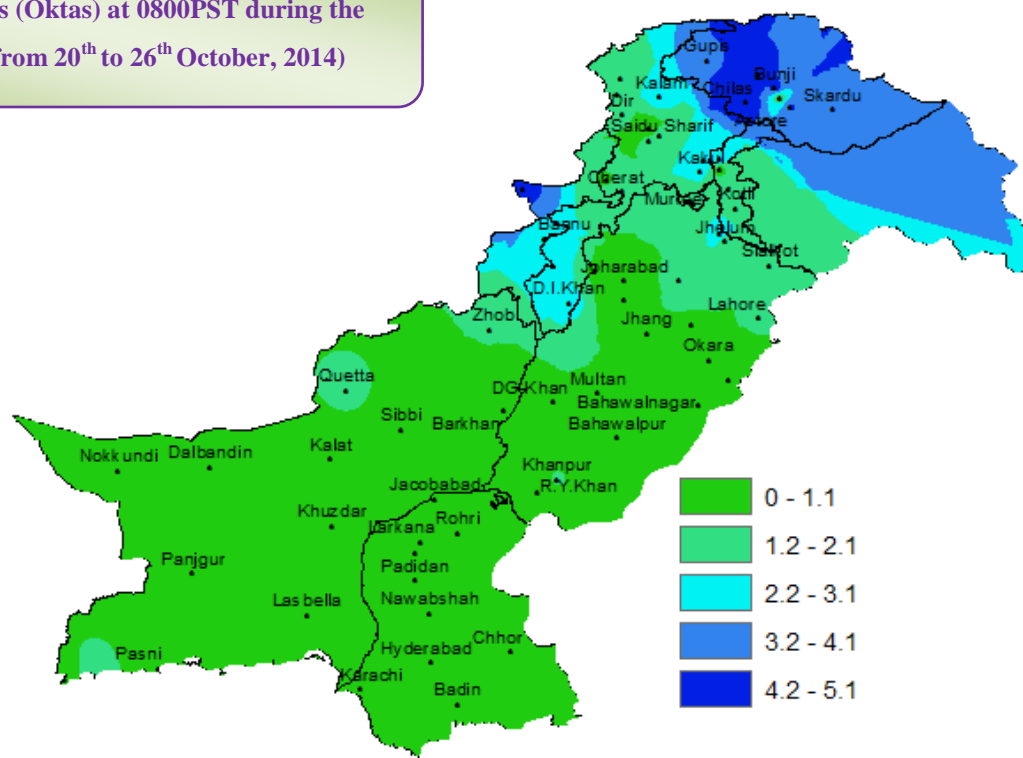
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 20<sup>th</sup> to 26<sup>th</sup> October, 2014)



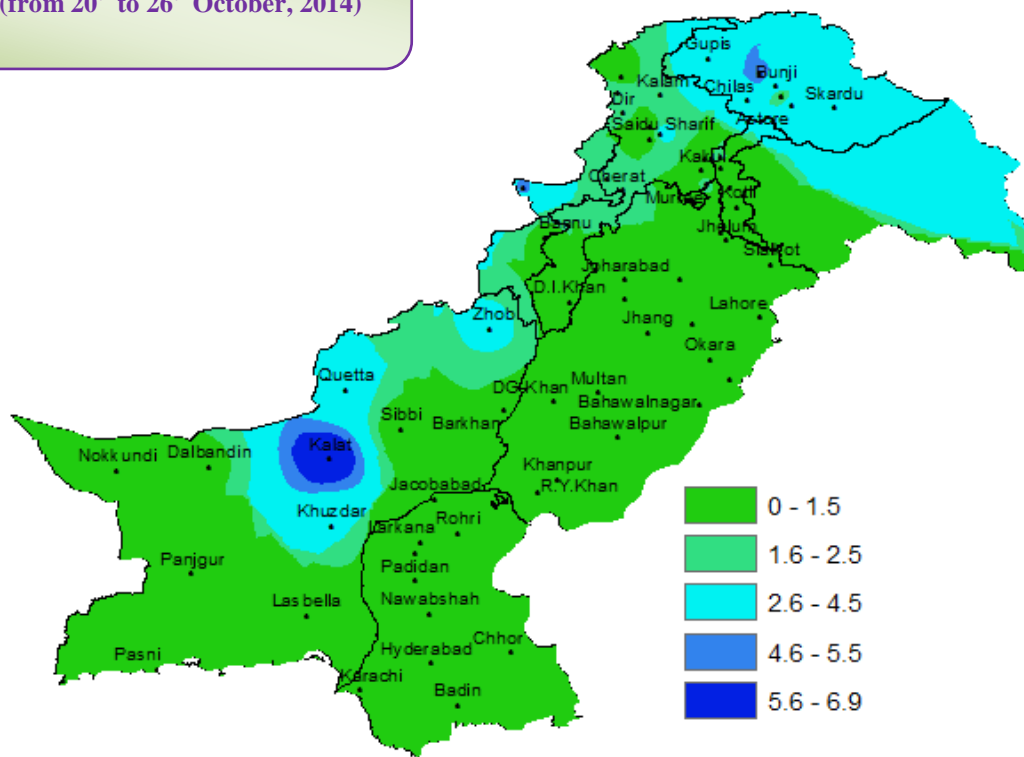
Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 20<sup>th</sup> to 26<sup>th</sup> October, 2014)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 20<sup>th</sup> to 26<sup>th</sup> October, 2014)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 20<sup>th</sup> to 26<sup>th</sup> October, 2014)





**Weekly Weather Advisory for Farmers**  
**(From 27<sup>th</sup> October to 1<sup>st</sup> November, 2014)**

Yesterday's Depression over central parts of Arabian Sea has intensified to a Deep Depression and likely to convert into tropical cyclone during next 24 hours. A fresh westerly wave is expected to approach upper parts of the country from Monday (evening/night).

**MONDAY**  
**(27-10-2014)**

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

**TUESDAY**  
**(28-10-2014)**

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

**WEDNESDAY**  
**(29-10-2014)**

Rain-thunderstorm associated with windstorm is expected at scattered places in coastal areas of Balochistan and Sindh, upper KP (Malakand, Hazara, Peshawar, and Kohat divisions), upper Punjab (Rawalpindi, Gujranwala, Sargodha, and Lahore divisions), Islamabad, Kashmir and Gilgit-Baltistan. Dry weather is expected in other parts of the country.

**THURSDAY**  
**(30-10-2014)**

Rain-thundershowers (with occasional heavy falls & strong gusty winds) are expected at scattered places in Sindh and South Balochistan (Makran & Kalat divisions), Rain-thunderstorm associated with gusty winds is also expected at isolated places in upper KP, Zhob division, South Punjab (Bahawalpur, Sahiwal, Multan and D.G. Khan), Kashmir and Gilgit-Baltistan. Dry weather is expected in other parts of the country.

**FRIDAY**  
**(31-10-2014)**

Rain-thunderstorm associated with windstorm is expected at isolated places in Sindh, Eastern Punjab (Lahore, Gujranwala, Bahawalpur, and Sahiwal divisions), Gilgit-Baltistan and Kashmir. Occasional heavy falls are also expected at isolated places in Southeastern Sindh including Karachi..

**SATURDAY**  
**(01-11-2014)**

Mainly dry weather is expected in most parts of the country. However, rain-thunderstorm associated with windstorm is expected at isolated places in upper & southeast Sindh, Eastern Punjab (Lahore, Gujranwala, Bahawalpur, Sahiwal divisions, Gilgit-Baltistan and Kashmir.

**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 20<sup>th</sup> to 26<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	15.0	18.5	29.2	62	2.4	4.3	4.3	0.3	2.9
Badin	37.1	38.0	100.3	53	0.0	0.0	0.0	1.1	0.9
Bahawalnagar	33.8	35.5	155.1	58	6.0	0.4	0.4	0.0	0.6
Bahawalpur	34.2	35.3	153.3	63	0.0	0.1	0.0	0.6	0.3
Balakot	26.5	28.7	99.0	67	6.0	2.6	0.7	0.3	0.0
Bannu	30.0	32.3	124.3	58	0.0	2.7	1.1	0.3	2.6
Barkhan	30.0	31.0	146.0	37	0.0	0.4	1.3	0.0	2.0
Bunji	21.2	23.9	74.9	65	4.1	4.7	4.3	0.6	0.9
Cherat	21.4	25.0	80.1	65	5.0	2.0	1.7	2.0	1.4
Chhor	39.2	40.5	170.5	54	0.0	0.4	1.3	0.0	2.3
Chilas	24.3	26.8	94.3	46	2.0	5.1	3.9	1.4	2.0
Chitral	24.3	27.5	75.2	62	3.0	1.4	0.9	0.0	15.0
DG.Khan	32.5	34.2	151.2	61	0.1	1.0	0.6	3.7	3.1
D.I.Khan	31.9	34.0	136.4	65	0.0	2.4	0.7	0.3	1.1
Dalbandin	34.7	36.0	140.9	33	0.0	0.0	1.3	1.4	2.6
Dir	21.0	23.0	63.5	72	2.0	1.3	1.7	0.0	1.7
Drosh	25.2	28.6	78.9	46	1.0	1.7	2.3	0.0	11.4
Faisalabad	32.6	33.6	193.2	52	0.0	1.4	0.0	0.5	0.2
Garidopatta	28.1	30.0	108.9	70	6.0	0.6	0.0	0.0	0.0
Gawader	32.7	33.5	155.3	70	0.0	1.7	0.9	0.0	9.0
Gilgit	21.4	24.5	66.0	74	19.3	5.0	4.9	0.0	0.0
Gupis	17.6	20.0	45.8	54	0.0	3.9	3.6	0.6	2.6

Hyderabad	37.6	38.2	174.0	32	0.0	0.0	0.1	1.1	4.9
Islamabad	28.1	30.0	113.8	73	7.0	1.7	1.0	0.0	0.6
Jacobabad	35.5	36.5	156.4	59	0.0	0.0	0.0	1.4	0.0
Jhang	33.0	34.0	141.5	62	0.0	0.6	0.0	0.3	0.6
Jhelum	31.2	32.5	133.3	68	0.2	2.0	0.7	1.1	0.9
Jiwani	31.7	32.5	159.9	79	0.0	0.6	0.3	0.0	5.7
Joharabad	31.9	33.5	138.1	66	1.0	0.0	0.3	0.0	0.3
Kakul	24.1	26.0	82.4	65	8.0	2.1	1.3	0.0	1.4
Kalam	17.3	21.0	44.6	77	9.3	2.7	2.4	0.0	0.0
Kalat	24.3	26.0	159.9	28	0.0	0.0	6.9	0.0	0.9
Karachi	37.2	38.5	169.9	41	0.0	0.0	0.0	0.6	5.4
Khanpur	34.6	36.0	153.3	66	0.0	1.1	0.0	0.0	0.3
Khuzdar	29.8	31.0	123.8	26	0.0	0.6	2.7	0.0	3.1
Kotli	28.9	30.6	121.2	68	15.0	2.0	0.7	1.4	1.4
Lahore	30.9	32.0	145.1	60	0.0	1.3	0.4	0.9	2.0
Larkana	33.8	36.5	157.7	53	0.0	0.3	0.0	2.6	0.9
Lasbella	37.6	39.0	154.2	44	0.0	0.4	0.0	0.6	3.1
Lower Dir	27.4	28.5	104.6	93	1.0	0.4	0.4	1.4	2.3
Malam Jabba	14.9	17.0	45.4	61	15.0	1.4	3.4	0.0	0.0
M.B Din	31.7	33.0	140.2	68	0.1	1.9	0.7	0.6	0.6
Mangla	30.6	32.5	129.1	67	3.0	2.1	0.9	0.6	0.6
Mir Khani	24.5	27.5	90.2	59	2.0	1.0	1.0	0.0	5.0
Moinjodaro	35.4	38.0	151.4	52	0.0	0.0	0.0	0.6	1.7
Multan	32.2	34.3	150.6	60	0.0	0.9	0.3	1.4	2.9
Murree	19.6	21.5	70.4	63	1.0	2.0	1.7	1.4	0.6
Muzaffarabad	29.2	32.5	112.6	67	2.0	2.1	1.7	1.0	0.3

Nokkundi	34.7	36.5	157.7	12	0.0	0.0	0.3	2.3	2.0
Noorpurthal	34.0	36.5	147.2	65	6.0	0.0	0.0	0.0	0.3
Okara	32.8	34.0	143.8	64	0.0	0.4	0.9	0.9	0.3
Padidan	37.7	39.0	166.0	55	0.0	0.0	0.0	1.7	1.7
Panjgur	30.6	33.5	157.7	38	0.0	0.0	0.6	4.6	12.3
Parachinar	18.3	20.1	42.4	76	45.0	4.6	4.6	4.1	4.7
Pasni	32.3	33.5	157.7	75	0.0	0.0	0.6	0.3	5.1
Pattan	27.2	32.0	***	59	8.0	3.0	1.7	0.6	1.4
Peshawar	28.9	31.0	128.3	74	10.0	1.0	2.1	0.3	0.6
Quetta	30.4	37.4	177.5	31	0.0	1.1	4.0	2.8	3.3
R.Y.Khan	35.8	37.8	143.8	65	0.0	0.7	0.0	1.0	0.9
Rawalakot	21.6	23.5	73.1	76	10.0	1.9	0.7	0.0	1.1
Rohri	36.5	38.0	169.1	50	0.0	0.3	0.0	2.6	2.3
Rawalpindi	28.8	30.5	166.5	70	15.0	1.7	0.6	0.3	0.6
Sahiwal	32.5	34.0	146.9	63	0.0	0.0	0.3	1.3	1.4
Saidu Sharif	26.0	28.5	100.3	71	13.0	1.3	1.1	0.0	0.3
Sialkot	30.0	30.7	131.0	64	1.1	1.1	0.0	0.0	0.9
Sibbi	35.3	36.5	167.8	44	0.0	0.0	0.3	0.0	0.6
Skardu	18.1	20.0	36.6	56	0.1	3.9	3.6	0.0	1.1
Tandojam	37.8	39.0	230.0	56	0.0	0.0	0.0	0.3	0.0
U.Muhammad	35.0	36.0	210.0	62	0.0	0.1	0.1	0.1	0.1
Zhob	27.8	29.0	105.1	38	0.0	1.1	2.9	5.0	5.0

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