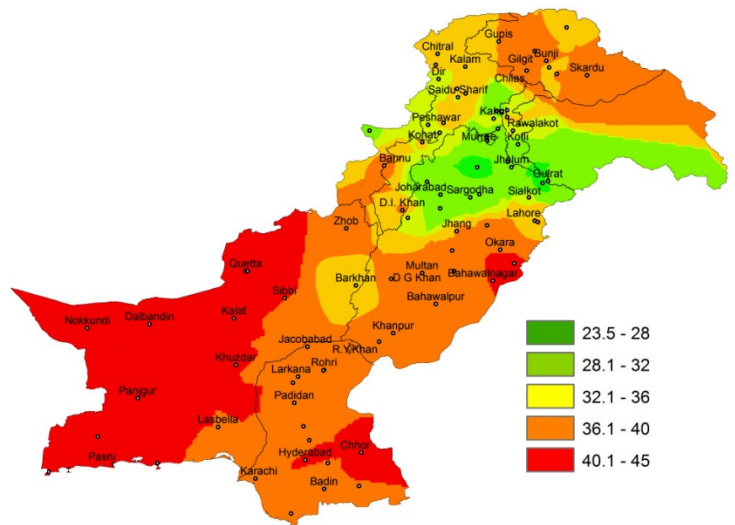


# Weekly Weather and Crop Bulletin for Pakistan

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## Highlights of Past Weather (From 11<sup>th</sup> to 17<sup>th</sup> August, 2014)

Normal day time temperature slightly dropped in most parts of the country during the week. Province wise distribution of rainfall reported as follows:

- Moderate to heavy rainfall reported at many places in Punjab, Khyber Pakhtunkhwa and Gilgit-Baltistan & Kashmir regions.
- Light rainfall reported at few places in Sindh.
- Moderate rainfall reported at an isolated place in Balochistan.

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

**Past Weather of Provinces (From 11<sup>th</sup> to 17<sup>th</sup>****August, 2014)****Punjab**

Weekly maximum and minimum temperatures recorded 35.8°C & 25.9°C respectively. For the present season average 180.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening recorded 2.6/2.4 Knots. During the previous week highest amount of rainfall reported at Islamabad 529.5 mm and highest maximum temperature was recorded 46.9°C at R.Y.Khan.

**Sindh**

Weekly maximum and minimum temperatures recorded 37.1°C & 26.4°C respectively. For the present season average 187.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 59% and wind speed in the morning/evening recorded 4.9/7.2 Knots. During the previous week highest amount of rainfall reported at Badin 118.1 mm and highest maximum temperature was recorded 48.6°C at Jacobabad.

**Khyber Pakhtunkhwa**

Weekly maximum and minimum temperatures recorded 32.6°C & 21.5°C respectively. For the present season average 148.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 62% and wind speed in the morning/evening recorded 1.1/4.0 Knots. The highest amount of rainfall was reported at Balakot 380.6 mm and highest maximum temperature recorded 43.6°C at DIK.

**Balochistan**

Weekly maximum and minimum temperatures recorded 37.1°C & 24.3°C respectively. For the present season average 178.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 43% and wind speed in the morning/evening recorded 5.3/1.1 Knots. During the previous week highest amount of rainfall reported at Bar Khan 152.6mm and highest maximum temperature recorded 47.8°C at Sibbi.

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

Weekly maximum and minimum temperatures recorded 32.4°C & 19.2°C respectively. For the present season average 145.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 58% and wind speed in the morning/evening recorded 1.2/1.6 Knots. During the previous week highest amount of rainfall reported at Kotli 371.8mm and highest maximum temperature recorded 35.7°C at Chilas.

**Past Weather for Major Agricultural Plains  
(From 11<sup>th</sup> to 17<sup>th</sup> August, 2014)****Rawalpindi (Potohar region)**

Rainfall reported as 28.8mm during the week; however cloudiness in the morning/evening recorded 4.1/4.4 Oktas while, average relative humidity observed 74%. Mean day time temperature recorded 33.7°C & for the present season 159.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.5/1.6 Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.1/2.4 Oktas while average relative humidity observed as 60%. Mean day time temperature recorded 37.3°C & for the present season 191.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.4/3.7 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.7 Oktas while, average relative humidity observed as 23%. Mean day time temperature recorded 34.0°C for the present season 151.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.0/7.6 Knots.

**Tandojam (Lower Singh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.4/3.9 Oktas while, average relative humidity observed as 69%. Mean day time temperature recorded 35.6°C for the present season 181.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.4/5.4 Knots.

**Usta Muhammad (Eastern Balochistan)**

Rainfall reported as 3.5mm during the week; however cloudiness in the morning/evening recorded 1.0/0.9 Oktas while average relative humidity observed as 61%. Mean day time temperature recorded 38.6°C & for the present season 194.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.2/0.2 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 11<sup>th</sup> to 17<sup>th</sup> August, 2014)****Rohri**

Rainfall reported as 27.9mm during the week; however cloudiness in the morning/evening recorded 2.0/0.8 Oktas while average relative humidity observed as 57%. Mean day time temperature recorded 34.1°C & for the present season 205.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.71/4.0 Knots.

**Multan**

Rainfall reported as 45.9mm during the week; however cloudiness in the morning/evening recorded 2.2/1.7 Oktas while average relative humidity observed as 61%. Mean day time temperature recorded 36.7°C & for the present season 197.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 11.14/10.57 Knots.

**Lahore**

Rainfall reported as 233.9mm during the week; however cloudiness in the morning/evening recorded 2.0/2.8 Oktas while average relative humidity observed as 64%. Mean day time temperature recorded 35.4°C & for the present season 178.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.2/3.3 Knots.

**Zhob**

Rainfall reported as 52.8mm during the week; however cloudiness in the morning/evening recorded 5.0/2.2 Oktas while average relative humidity observed as 47%. Mean day time temperature recorded 32.5°C & for the present season 158.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/5.4 Knots.

**D.I. Khan**

Rainfall reported as 75.7mm during the week; however cloudiness in the morning/evening recorded 2.1/2.1 Oktas while average relative humidity observed as 67%. Mean day time temperature recorded 37.6°C & for the present season 185.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.1/1.1 Knots.

**Peshawar**

Rainfall reported as 122.6mm during the week; however cloudiness in the morning/evening recorded 4.0/3.2 Oktas while average relative humidity observed as 71%. Mean day time temperature recorded 36.2°C & for the present season 184.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/1.7 Knots.

**Murree**

Rainfall reported as 429.6mm during the week; however cloudiness in the morning/evening recorded 1.7/7.0 Oktas while average relative humidity observed as 84%. Mean day time temperature recorded 23.0°C & for the present season 99.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.2/0.5 Knots.

**Kalam**

Rainfall reported as 31.0mm during the week; however cloudiness in the morning/evening recorded 3.6/6.0 Oktas while average relative humidity observed as 75%. Mean day time temperature recorded 24.7°C & for the present season 108.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.7 Knots.

**Gilgit**

Rainfall reported as 26.9mm during the week; however cloudiness in the morning/evening recorded 3.5/5.4 Oktas while average relative humidity observed as 54%. Mean day time temperature recorded 34.9°C & for the present season 147.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 4.2/6.7 Knots.

**Skardu**

Rainfall reported as 14.4mm during the week; however cloudiness in the morning/evening recorded 0.4/4.8 Oktas while average relative humidity observed as 37%. Mean day time temperature recorded 31.3°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 3.4/3.1 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 of RMC Rawalpindi.

*Maize:* Good condition at *Emergence* stage.

**Central Punjab (Faisalabad)**

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

*Cotton:* Normal condition at *Boll opening* stage.

**Lower Sindh (Tandojam)**

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

*Cotton:* Good condition at *Boll opening* stage.

**Northern Balochistan (Quetta)**

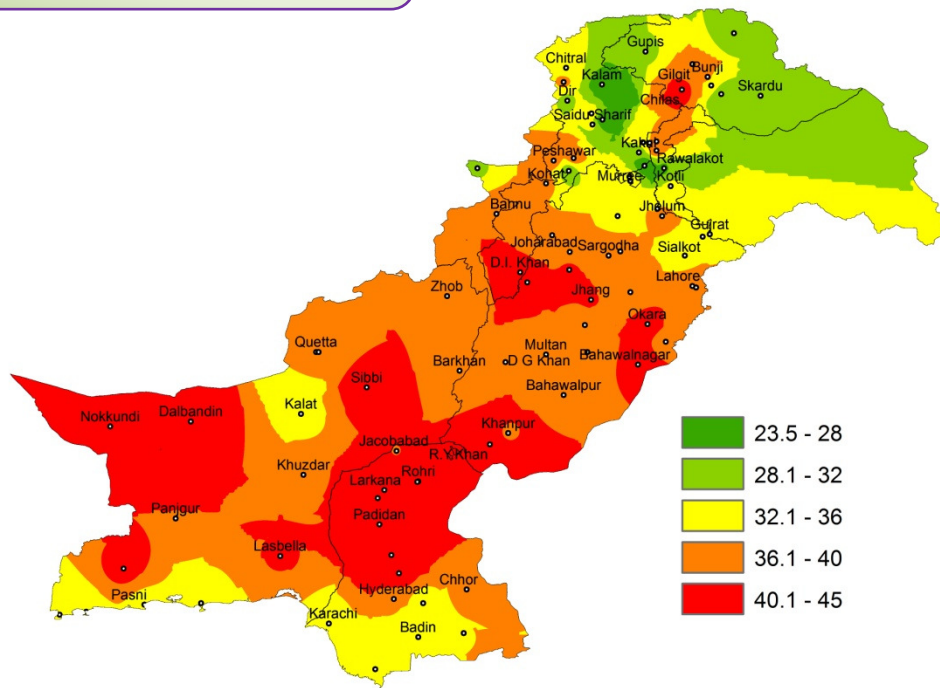
There is presently no crop in the fields of RMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

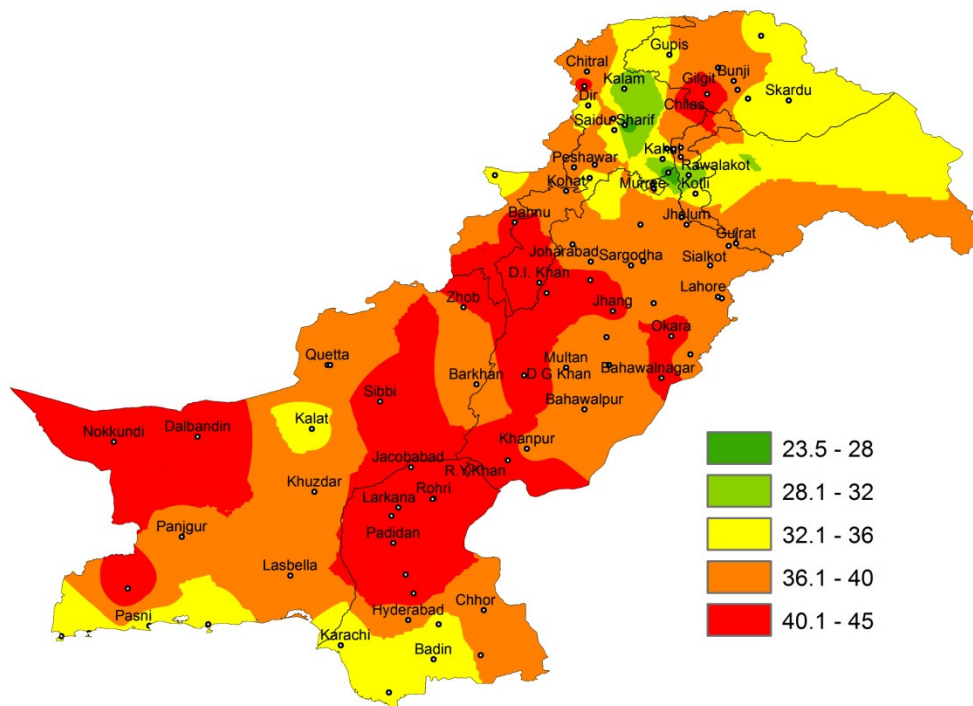
There is presently one crop (irrigated condition) grown in the fields of RMC Usta Muhammad.

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

Mean Maximum Temperature (°C) during the Previous week (from 11<sup>th</sup> to 17<sup>th</sup> August, 2014)

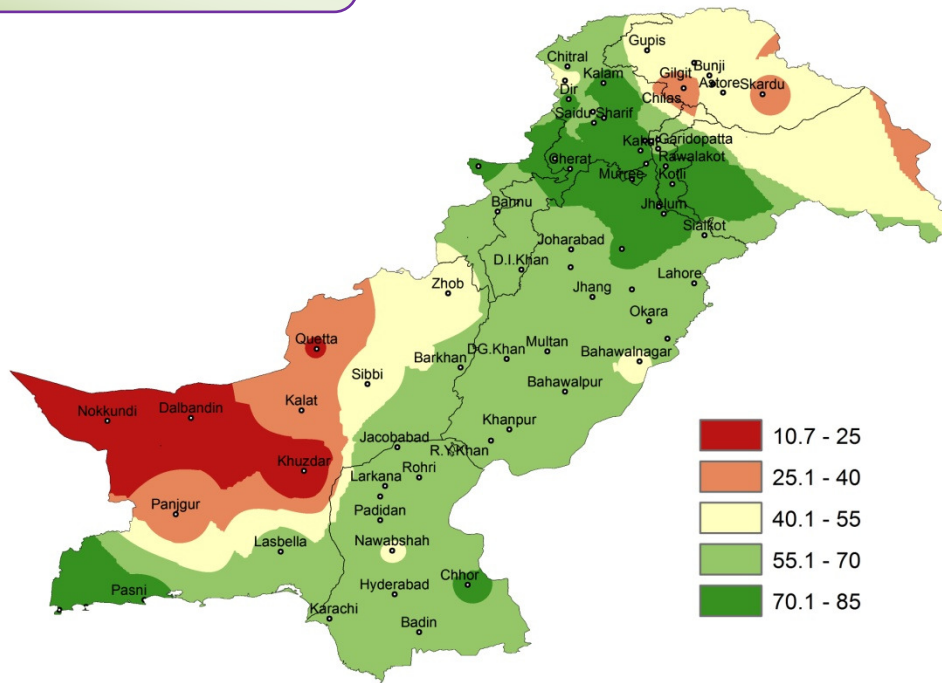


Highest Maximum Temperature (°C) during the Previous week (from 11<sup>th</sup> to 17<sup>th</sup> August, 2014)

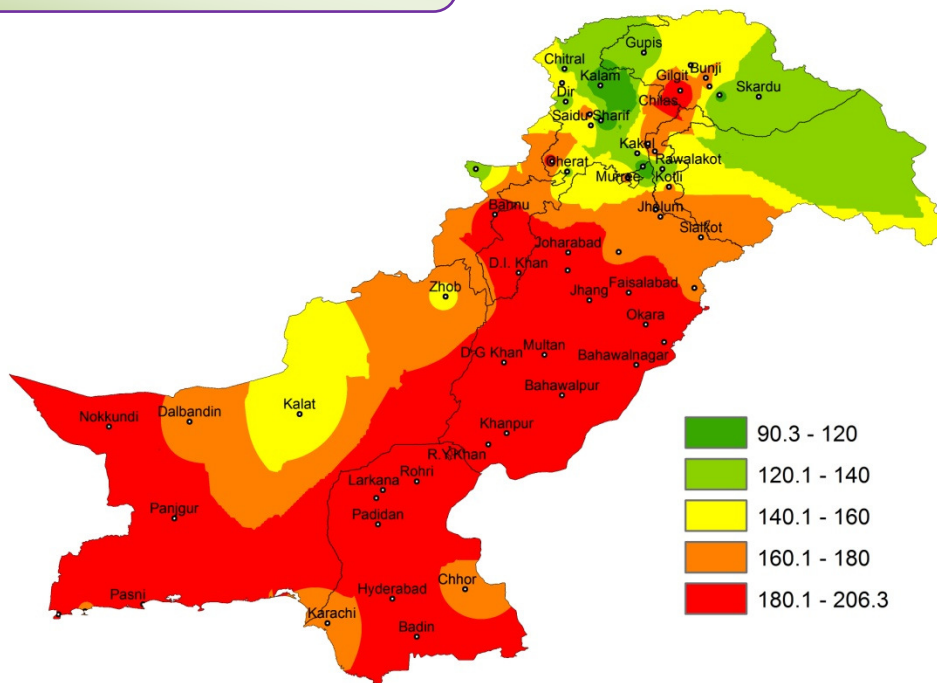




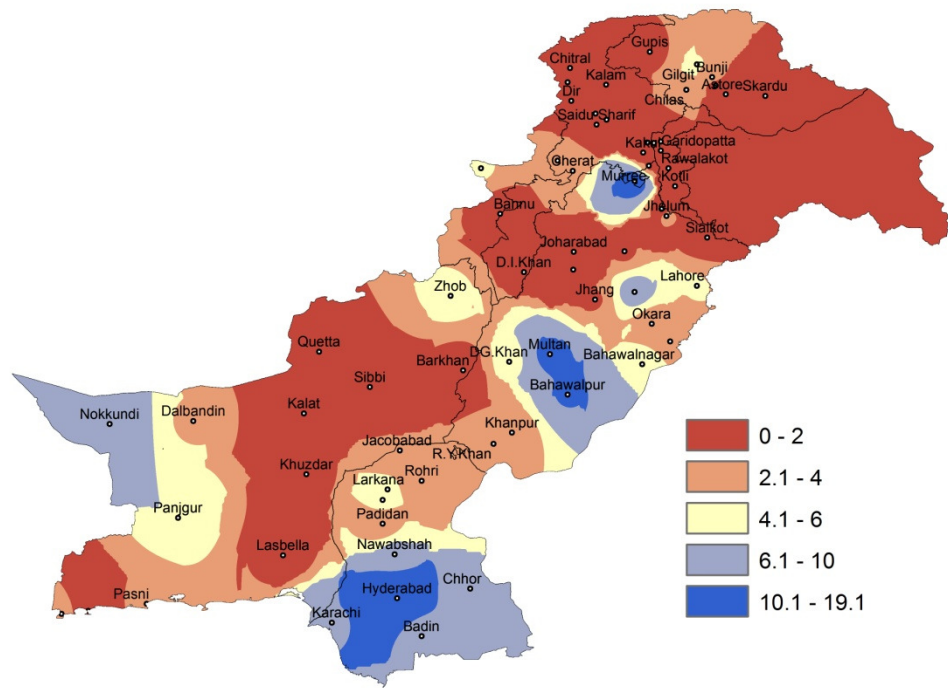
Mean Relative Humidity (%) during the Previous week (from 11<sup>th</sup> to 17<sup>th</sup> August, 2014)



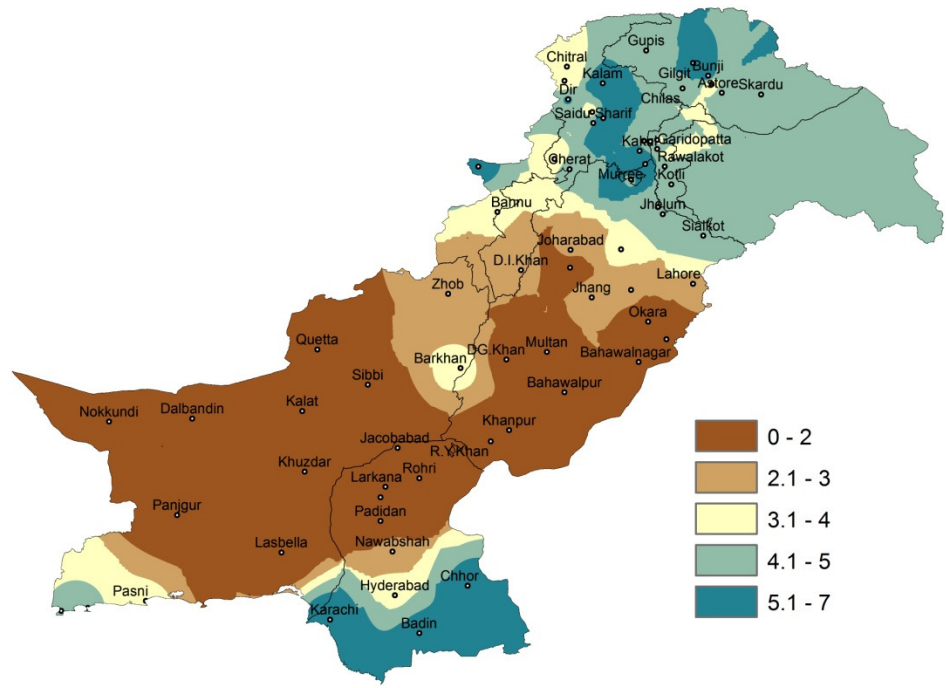
Total Growing Degree Days accumulated during the Previous week (from 11<sup>th</sup> to 17<sup>th</sup> August, 2014)



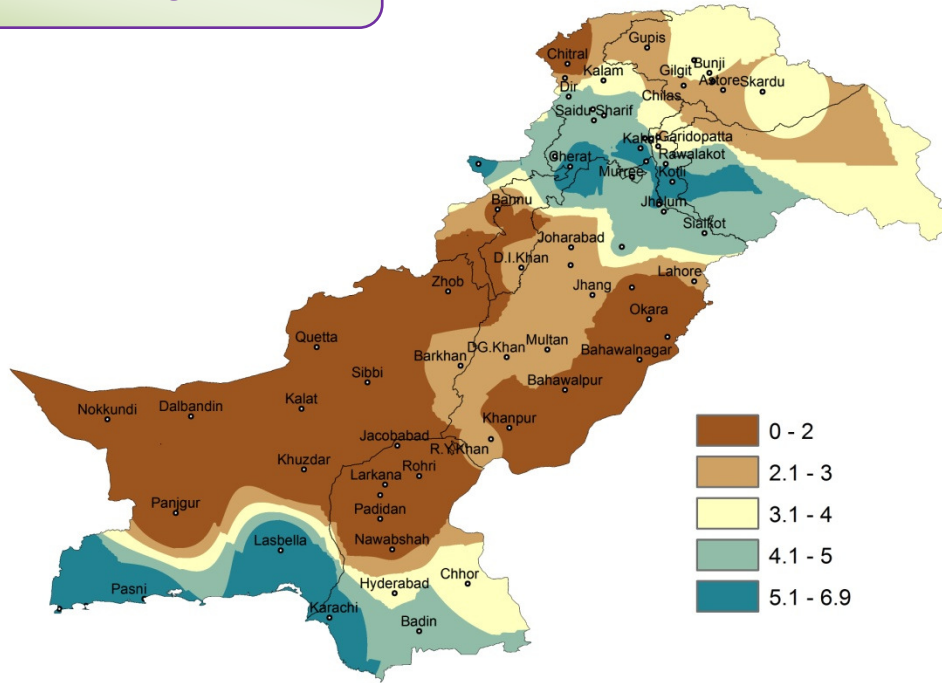
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 11<sup>th</sup> to 17<sup>th</sup> August, 2014)



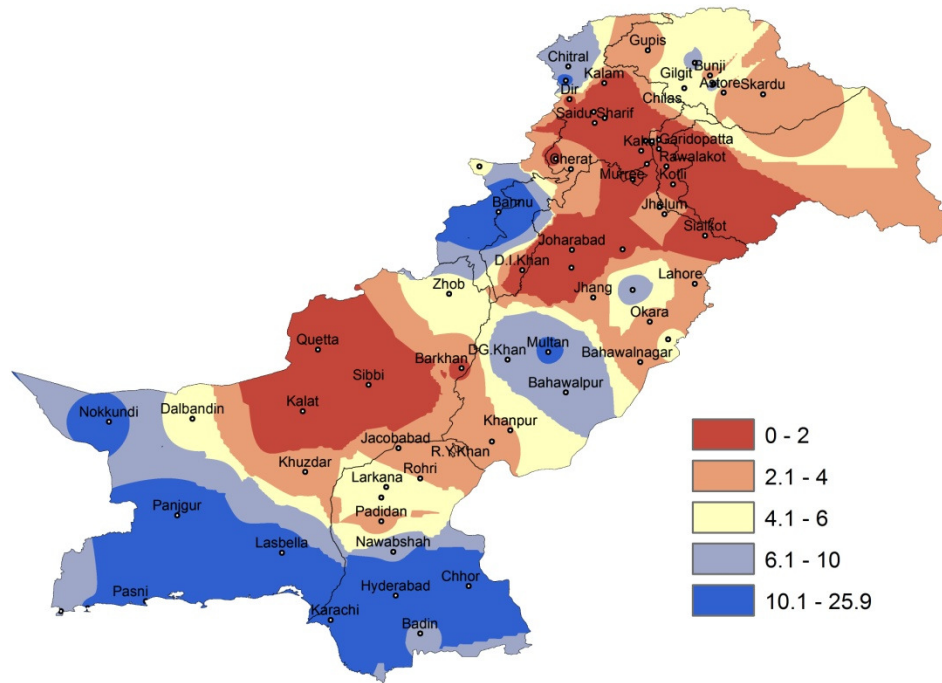
Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 11<sup>th</sup> to 17<sup>th</sup> August, 2014)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 11<sup>th</sup> to 17<sup>th</sup> August, 2014)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 11<sup>th</sup> to 17<sup>th</sup> August, 2014)





**Weekly Weather Advisory for Farmers****(From 18<sup>th</sup> to 24<sup>th</sup> August, 2014)**

Weak seasonal low lies over North Balochistan and adjoining areas. Significant moisture feeding would remain cutoff in the country during next few days. However, light to moderate monsoon currents are likely to penetrate northeastern parts of the country from weekend and thereafter.

**MONDAY****(18-08-2014)**

Mainly hot and dry weather is expected in most parts of the country. However, partly cloudy weather conditions with rain-thunderstorm are expected at one or two places of Gilgit-Baltistan.

**TUESDAY****(19-08-2014)**

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

**WEDNESDAY****(20-08-2014)**

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

**THURSDAY****(21-08-2014)**

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

**FRIDAY****(22-08-2014)**

Mainly hot and dry weather is expected in most parts of the country. However, rain-thundershowers are expected at a few places of Kashmir.

**SATURDAY****(23-08-2014)**

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

**SUNDAY****(24-08-2014)**

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

**Advises for Crops**

***Sugarcane:*** Farmers are advised to complete harvesting/threshing of wheat crop keeping the expected weather in mind. Irrigation practices as per weather prediction should be carried out during the week.

***General Information*** Farmers of rained areas, obtaining crop water through tube wells are advised to schedule the irrigation according to the expected weather mentioned above during the week.

**National Weather Data of Selected Cities****(Weekly Data From 11<sup>th</sup> to 17<sup>th</sup> 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	32.0	33.3	111.3	46	35.4	2.3	4.6	0.6	2.3
Badin	34.8	36.0	184.3	70	118.1	4.7	5.6	6.6	8.0
Bahawalnagar	39.9	41.8	202.6	53	34.3	0.7	2.0	6.0	4.0
Bahawalpur	40.4	41.5	192.8	59	39.2	1.9	1.7	10.3	7.4
Balakot	31.5	34.5	***	73	380.6	4.4	4.9	0.0	1.3
Bannu	38.8	42.5	189.2	60	99.4	1.7	3.1	0.0	20.1
Barkhan	37.8	38.5	***	56	152.6	2.7	3.5	0.0	1.7
Bunji	38.8	40.6	164.5	38	34.6	4.2	6.0	3.7	1.7
Cherat	28.3	34.5	136.8	74	160.2	6.1	4.6	3.4	3.7
Chhor	37.1	38.5	178.7	70	91.8	3.6	5.4	6.0	10.0
Chilas	42.9	44.2	193.4	28	17.9	2.7	4.3	3.7	5.4
Chitral	38.3	39.0	138.3	58	30.6	0.8	3.3	1.7	8.3
DG.Khan	40.9	42.3	194.9	67	6.2	2.1	2.1	1.1	1.1
D.I.Khan	37.6	40.5	185.8	67	75.7	2.1	2.1	2.1	1.1
Dalbandin	45.4	48.0	171.3	66	0.7	2.0	1.4	4.6	7.1
Dir	34.6	36.0	134.5	75	251.5	4.9	5.1	0.0	1.1
Drosh	37.1	41.0	149.1	44	35.3	2.1	3.3	0.0	11.6
Faisalabad	37.3	39.5	191.3	60	0.1	1.1	2.4	4.4	3.7
Garidopatta	33.7	40.0	170.0	68	243.5	3.7	4.0	0.0	0.6
Gawader	33.3	33.5	179.0	73	0	5.7	4.1	0.0	10.1
Gilgit	34.9	40.5	147.5	54	26.9	3.5	5.4	4.2	6.7
Gupis	34.5	35.0	129.0	49	44	2.7	4.0	0.9	3.1

Hyderabad	36.1	40.0	181.5	65	72.8	4.0	3.9	19.2	26.0
Islamabad	31.0	37.7	164.2	79	498	4.1	4.9	14.6	0.9
Jacobabad	41.5	44.0	***	68	39.6	1.1	0.5	2.0	2.0
Jhang	39.3	40.8	188.4	65	19	2.1	2.3	1.7	2.6
Jhelum	34.5	38.7	174.4	74	377.7	4.6	4.1	2.6	2.0
Jiwani	31.4	31.8	186.5	72	3.6	6.9	4.0	3.1	8.3
Joharabad	37.5	40.8	185.0	64	141.1	2.0	2.1	1.0	1.4
Kakul	28.4	33.0	138.3	74	335.6	5.7	5.1	0.0	0.9
Kalam	24.7	29.5	108.5	75	31.0	3.6	6.0	0.0	1.7
Kalat	34.5	36.0	144.9	33	11.8	0.0	0.0	0.0	0.0
Karachi	33.2	34.5	177.4	70	69.6	5.9	6.1	9.1	14.9
Khanpur	40.2	40.5	192.6	63	33.2	1.1	1.3	2.0	4.0
Khuzdar	39.8	41.5	***	12	72.9	0.0	0.0	0.3	2.7
Kotli	30.8	35.0	162.6	75	371.8	5.3	4.1	1.1	1.4
Lahore	35.4	38.0	178.5	64	233.9	2.0	2.8	4.2	3.3
Larkana	41.0	43.5	193.3	63	38.5	1.4	0.4	4.3	5.7
Lasbella	37.4	39.5	***	62	32.8	6.9	0.0	0.3	11.7
Lower Dir	37.2	40.5	171.0	63	47	4.1	3.3	1.4	2.0
Malam Jabba	23.3	25.5	88.8	71	119	4.3	3.4	1.4	1.4
M.B Din	36.0	39.0	177.4	85	174.1	4.4	6.7	0.0	0.0
Mangla	33.5	38.0	172.3	78	162.2	5.1	4.6	0.6	2.6
Mir Khani	38.1	39.4	163.3	53	26	1.9	2.7	0.7	8.3
Moinjodaro	41.1	44.0	189.8	62	26.6	1.7	1.1	4.9	5.1
Multan	36.7	40.5	197.7	61	45.9	2.2	1.7	11.1	10.6
Murree	23.0	25.0	99.8	84	429.6	1.7	7.0	5.2	0.5
Muzaffarabad	33.2	38.3	165.7	70	312.4	4.6	4.7	0.0	2.9

Nokkundi	45.9	47.5	206.8	52	0.3	1.9	2.5	7.4	9.0
Noorpurthal	41.0	44.0	188.5	11	132	0.00	0.0	8.9	10.6
Okara	38.3	40.3	194.4	60	13	2.1	1.6	0.4	0.4
Padidan	38.6	41.0	192.8	58	40.9	1.0	1.3	2.0	2.9
Panjgur	39.2	40.5	187.5	68	7.5	0.9	1.0	2.0	2.3
Parachinar	33.4	34.6	131.3	31	232.8	0.0	0.0	6.0	12.0
Pasni	32.6	34.0	191.0	73	7.6	5.7	5.7	4.4	5.0
Peshawar	36.2	41.3	184.4	71	122.6	4.0	3.2	2.6	1.7
Quetta	34.0	38.5	151.4	23	0	0.0	0.7	4.0	7.6
R.Y.Khan	41.7	42.6	197.7	71	114	4.0	3.3	2.7	1.7
Rawalakot	25.1	29.0	120.3	24	171.9	0.0	1.8	0.3	0.7
Rohri	34.1	43.5	205.8	57	27.9	2.0	0.8	1.7	4.0
Rawalpindi	33.7	39.0	159.3	74	28.8	4.1	4.4	0.5	1.6
Sahiwal	38.8	40.6	188.4	57	0.1	1.7	0.9	2.0	4.0
Saidu Sharif	35.2	37.5	159.2	63	200.7	1.0	0.9	2.9	4.3
Sialkot	32.1	36.6	170.1	70	184.3	4.7	5.0	0.0	0.6
Sibbi	44.5	46.0	***	69	56.2	5.0	5.0	0.3	0.9
Skardu	31.3	38.6	128.3	37	14.4	0.4	4.8	3.4	3.1
Tandojam	35.6	39.0	181.8	69	0	2.4	3.9	5.4	5.4
Usta.M	38.6	41.5	191.3	61	3.5	1.0	0.9	0.2	0.2
Zhob	32.5	39.0	158.3	47	52.8	5.0	2.2	1.1	5.4

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