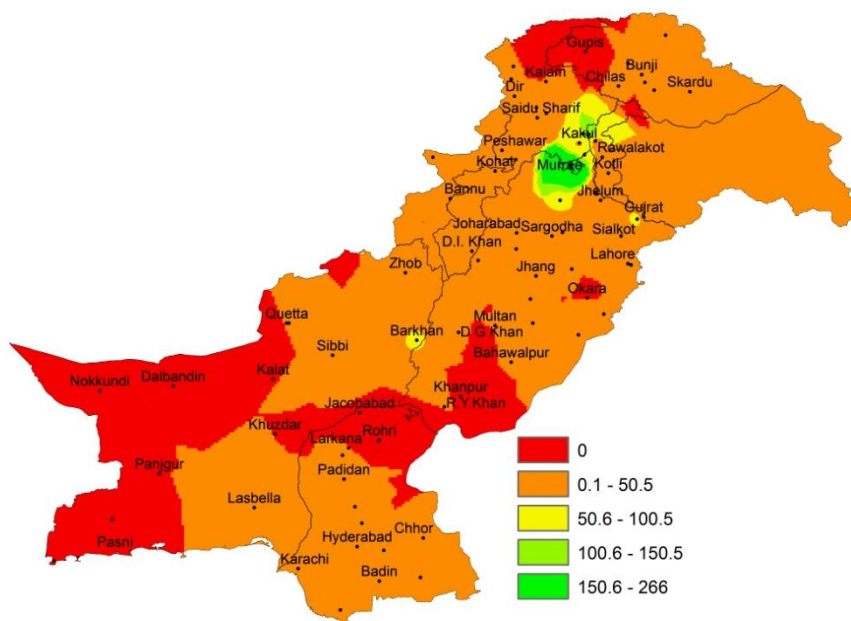


# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 21<sup>st</sup> to 27<sup>th</sup> July, 2014)**

## Highlights of Past Weather (From 21<sup>st</sup> to 27<sup>th</sup> July, 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:

- Moderate to heavy rainfall reported at many places in Punjab & Gilgit Baltistan regions.
- Light to moderate rainfall reported at many in Khyber Pakhtunkhwa.
- Light to moderate rainfall reported at few places in Balochistan and Sindh.

<u>Contents</u>	
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 21<sup>st</sup> to 27<sup>th</sup>****July, 2014)****Punjab**

Moderate to heavy rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 36.7°C & 27.7°C respectively. For the present season average 188.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 68% and wind speed in the morning/evening recorded 2.2/3.2 Knots. During the previous week highest amount of rainfall reported at Islamabad 266.0 mm and highest maximum temperature was recorded 44.0°C at Noorpurthal.

**Sindh**

Light rainfall reported at isolated places in Punjab during the week. Weekly maximum and minimum temperatures recorded 38.7°C & 27.7°C respectively. For the present season average 199.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening recorded 5.5/7.1 Knots. During the previous week highest amount of rainfall reported at Hyderabad 16.0 mm and highest maximum temperature was recorded 45.2°C at Dadu.

**Khyber Pakhtunkhwa**

Dry weather was reported in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 34.5°C & 23.4°C respectively. For the present season average 160.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening recorded 0.9/4.1 Knots. During the previous week highest amount of rainfall reported at Balakot 97.3 mm and highest maximum temperature recorded 42.5°C at Bannu.

**Balochistan**

Light to moderate rainfall reported at few places in Punjab during the week. Weekly maximum and minimum temperatures recorded 38.5°C & 25.6°C respectively. For the present season average 196.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 45% and wind speed in the morning/evening recorded 1.2/4.6Knots. During the previous week highest amount of rainfall reported at Barkhan 54.1 mm and highest maximum temperature recorded 48.0°C at Dalbandin.

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

Light to moderate rainfall reported at few places in Punjab during the week. Weekly maximum and minimum temperatures recorded 35.0°C & 20.4°C respectively. For the present season average 158.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 51% and wind speed in the morning/evening recorded 0.9/1.9Knots. During the previous week highest amount of rainfall reported at Muzaffarabad 37.2 mm and highest maximum temperature recorded 42.2°C at Chilas.

**Past Weather for Major Agricultural Plains  
(From 21<sup>st</sup> to 27<sup>th</sup> July, 2014)**

**Rawalpindi (Potohar region)**

Rainfall reported as 173.4mm during the week; however cloudiness in the morning/evening recorded 4.1/4.7 Oktas while, average relative humidity observed 73%. Mean day time temperature recorded 33.7°C & for the present season 168.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.9 Knots.

**Faisalabad (Central Punjab)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.6/4.3 Oktas while average relative humidity observed as 60%. Mean day time temperature recorded 37.8°C & for the present season 200.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/1.9 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week ; however cloudiness in the morning/evening recorded 2.0/2.6Oktas while, average relative humidity observed as 25%. Mean day time temperature recorded 36.8°C for the present season 169.5growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.2/3.1 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/1.0 Oktas while, average relative humidity observed as 54%. Mean day time temperature recorded 41.3°C & for the present season 212.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.1 Knots.

**Tandojam (Lower Singh)**

Rainfall reported as 12.0mm during the week; however cloudiness in the morning/evening recorded 1.7/2.1 Oktas while average relative humidity observed as 71%. Mean day time temperature recorded 35.1°C & for the present season 181.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 1.8/2.2 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 21<sup>st</sup> to 27<sup>th</sup> July, 2014)**

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.7/2.0Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 41.4°C & for the present season 214.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/2.6 Knots.

**Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.3/2.1Oktas while, average relative humidity observed as 57%. Mean day time temperature recorded 39.0°C & for the present season 209.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.6/5.4 Knots.

**Lahore**

Rainfall reported as 2.2mm during the week; however cloudiness in the morning/evening recorded 4.6/6.1 Oktas while, average relative humidity observed as 68%. Mean day time temperature recorded 36.0°C & for the present season 185.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.0/3.7 Knots.

**Zhob**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.1/2.0 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 37.8°C & for the present season 190.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/6.7 Knots.

**D.I. Khan**

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 3.4/2.1 Oktas while, average relative humidity observed as 66%. Mean day time temperature recorded 39.1°C & for the present season 197.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.6 Knots.

**Peshawar**

Rainfall reported as 2.3mm during the week; however cloudiness in the morning/evening recorded 4.4/4.3 Oktas while, average relative humidity observed as 73%. Mean day time temperature recorded 35.3°C & for the present season 188.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/2.3 Knots.

**Murree**

Rainfall reported as 89.0mm during the week; however cloudiness in the morning/evening recorded 8.0/7.4 Oktas while, average relative humidity observed as 89%. Mean day time temperature recorded 22°C & for the present season 110.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.3 Knots.

**Kalam**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 4.0/2.1 Oktas while, average relative humidity observed as 67%. Mean day time temperature recorded 28.2°C & for the present season 122.0 growing degree days accumulated by

the end of last week. Wind speed recorded in the morning/evening as 0.0/2.0 Knots.

**Gilgit**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.7/1.7 Oktas while, average relative humidity observed as 52%. Mean day time temperature recorded 39.4°C & for the present season 154.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.3 Knots

**Skardu**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 0.7/2.9 Oktas while, average relative humidity observed as 31%. Mean day time temperature recorded 36.6°C & for the present season 150.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/2.0 Knots.

**Crop Situation for Major Agricultural Plains**  
**(Based on Data from Regional Agromet Centers)**

**Potohar Region (Rawalpindi)**

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

**Central Punjab (Faisalabad)**

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

**Cotton:** Normal condition at *flowering stage* completed.

**Lower Sindh (Tandojam)**

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

**Cotton:** Good condition at *boll formation stage*.

**Northern Balochistan (Quetta)**

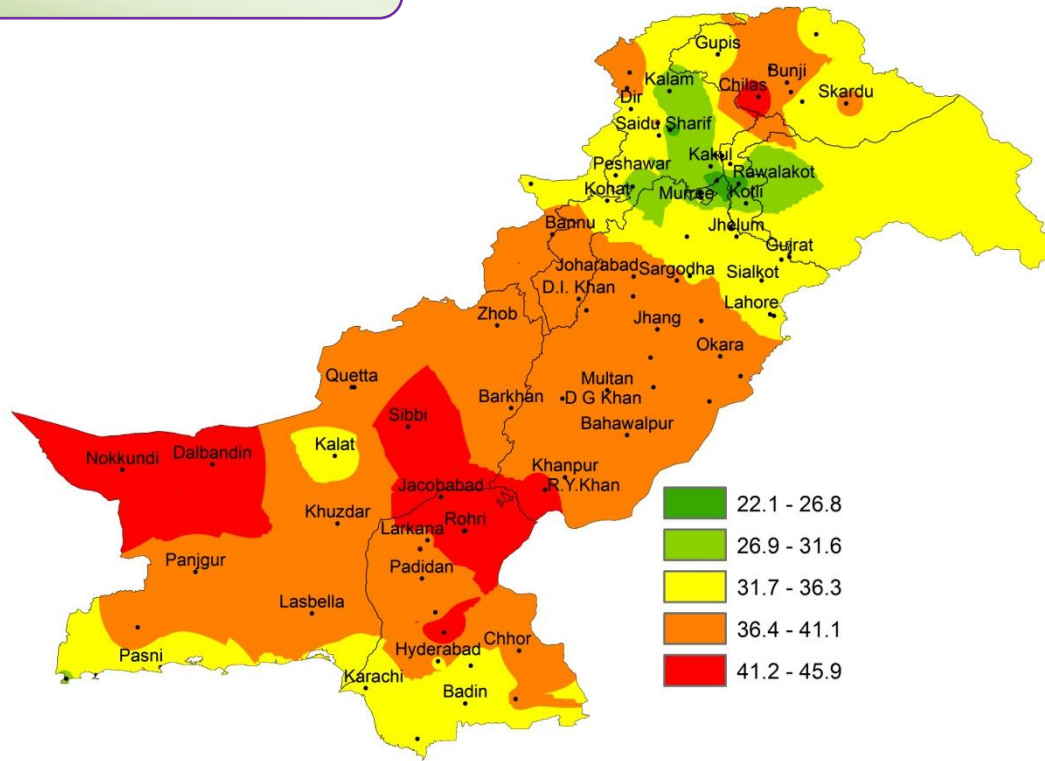
There is presently no crop in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

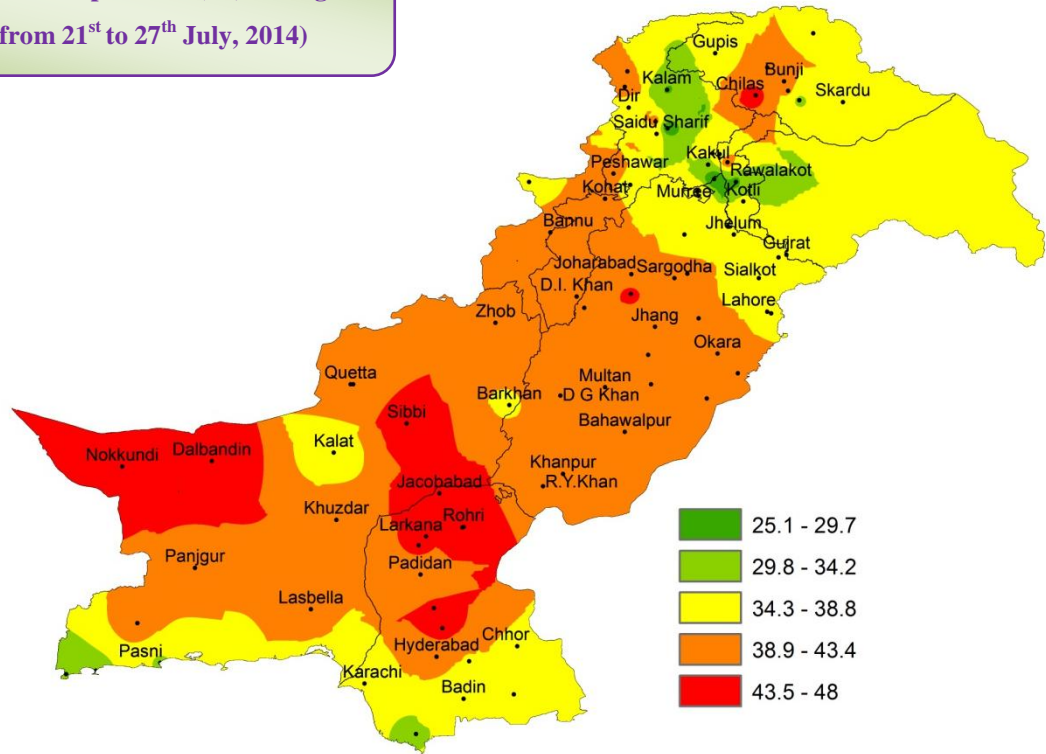
There is presently one crop grown in the fields of RAMC Usta Muhammad.

**Rice:** Good condition at *Third Leaf stage*.

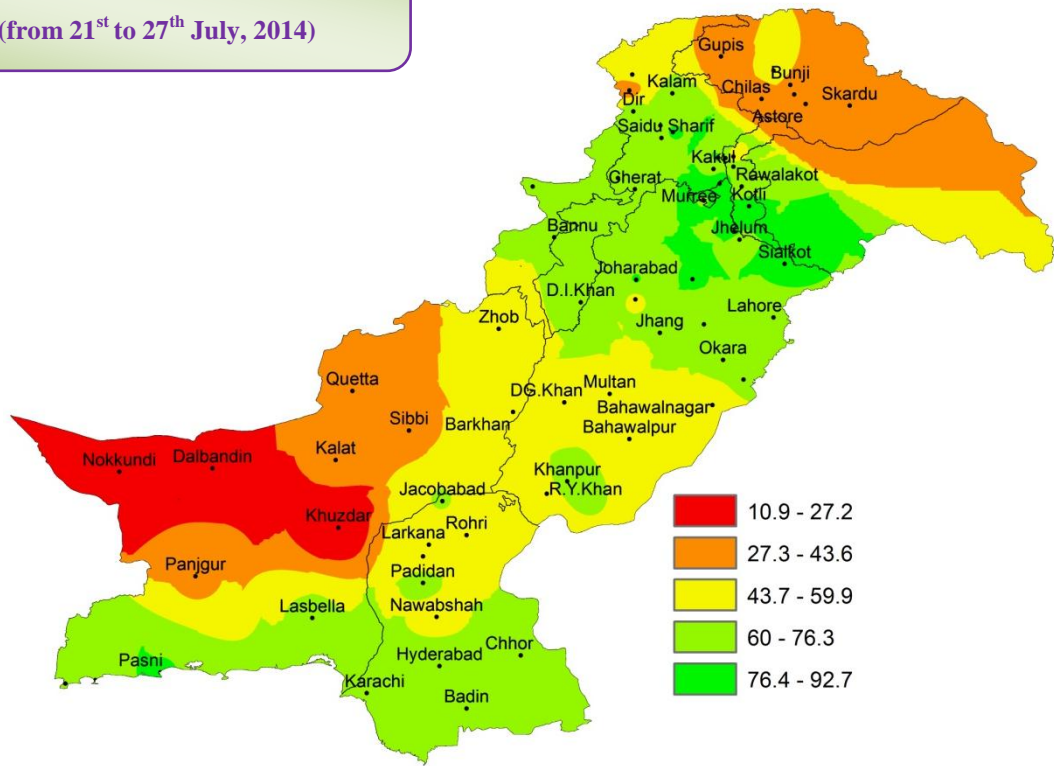
Mean Maximum Temperature (°C) during the Previous week (from 21<sup>st</sup> to 27<sup>th</sup> July, 2014)



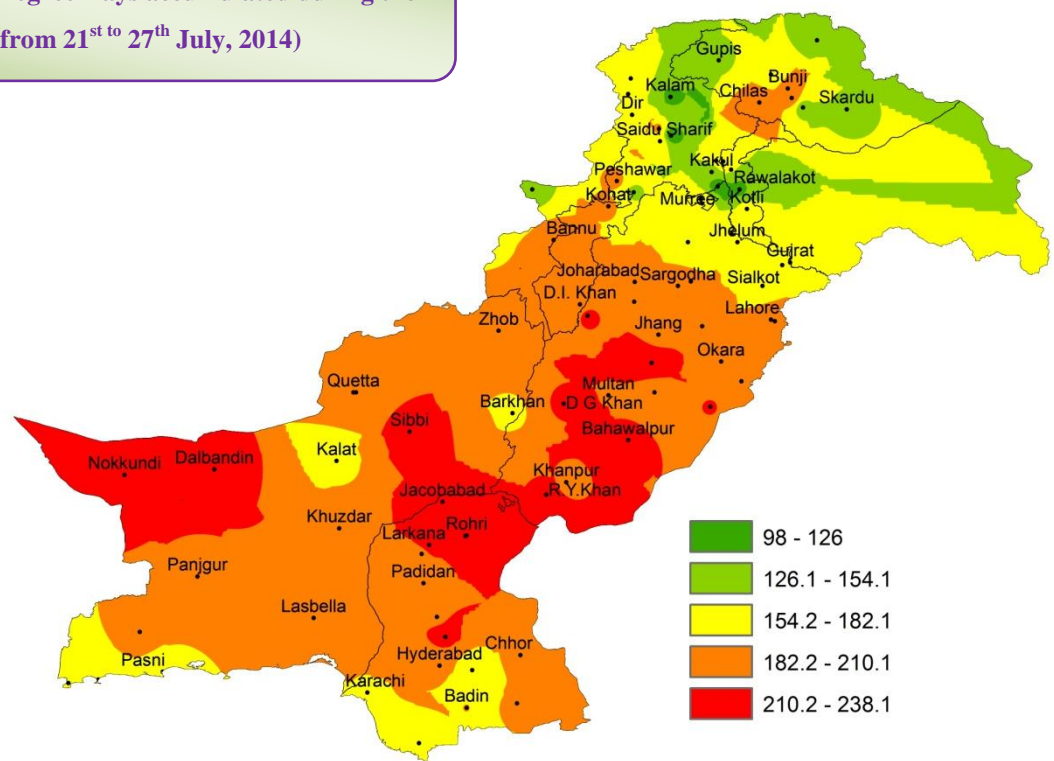
Highest Maximum Temperature (°C) during the Previous week (from 21<sup>st</sup> to 27<sup>th</sup> July, 2014)



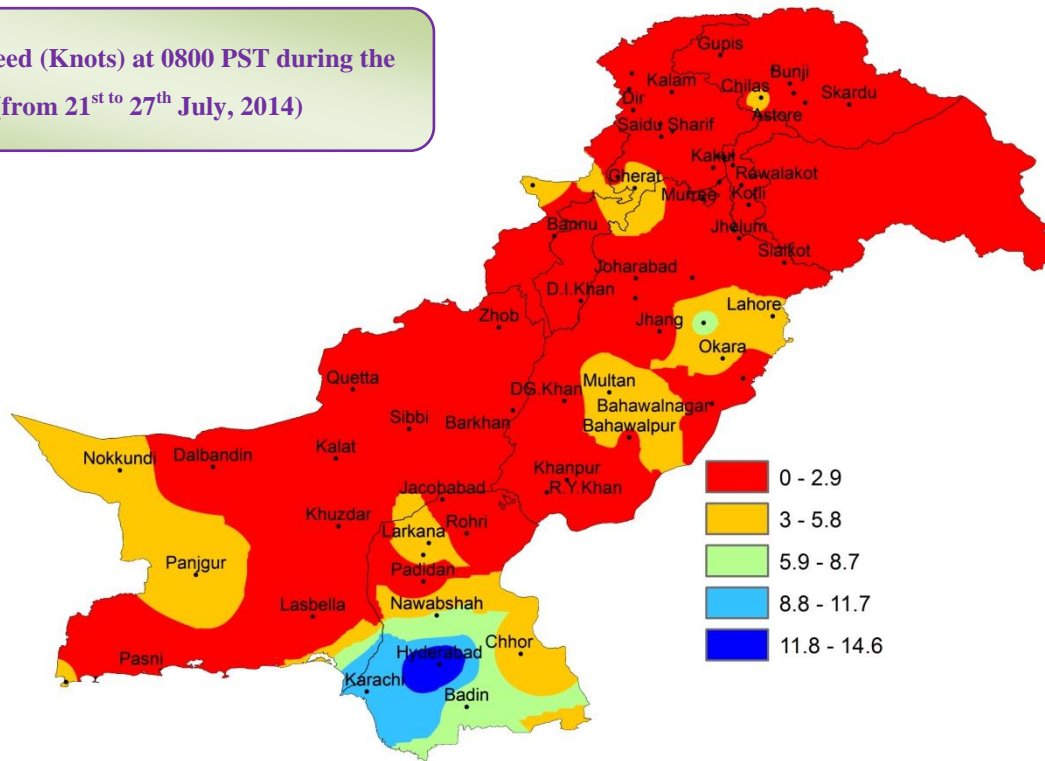
Mean Relative Humidity (%) during the Previous week (from 21<sup>st</sup> to 27<sup>th</sup> July, 2014)



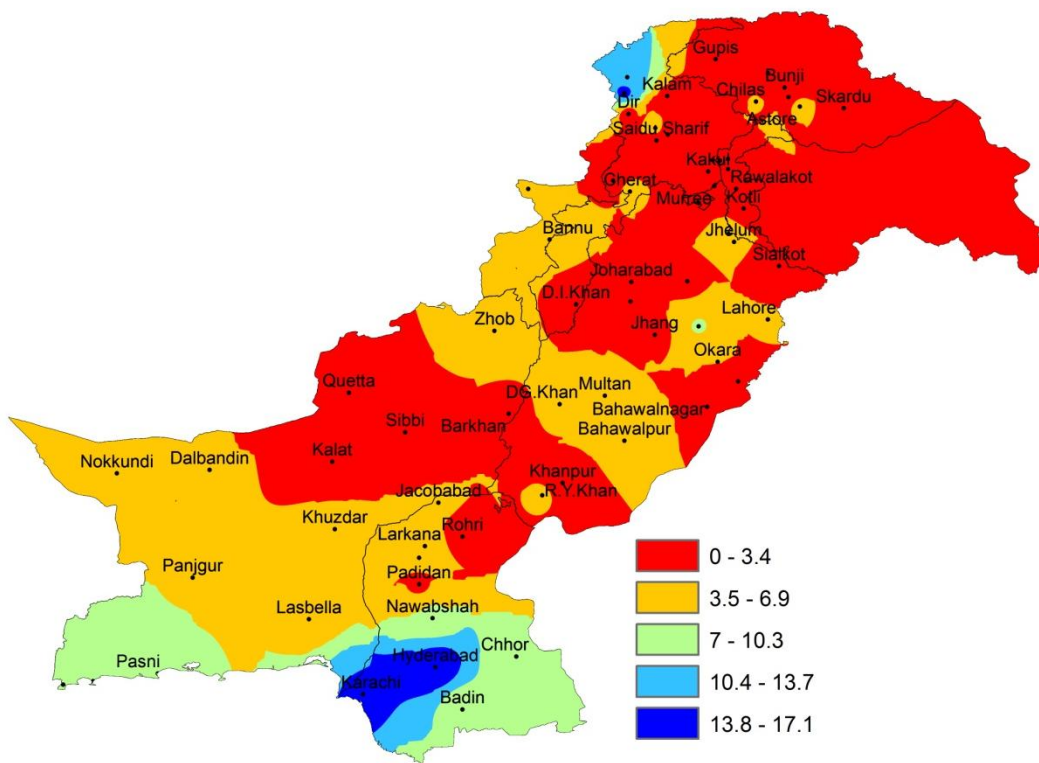
Total Growing Degree Days accumulated during the Previous week (from 21<sup>st</sup> to 27<sup>th</sup> July, 2014)



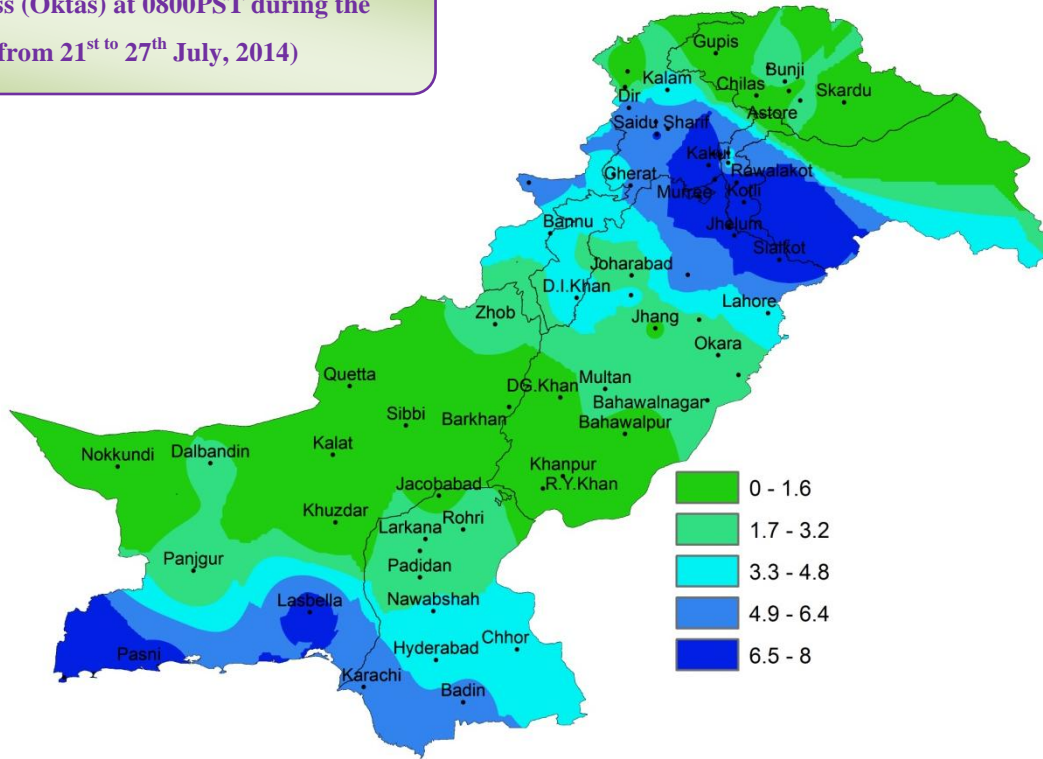
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 21<sup>st</sup> to 27<sup>th</sup> July, 2014)



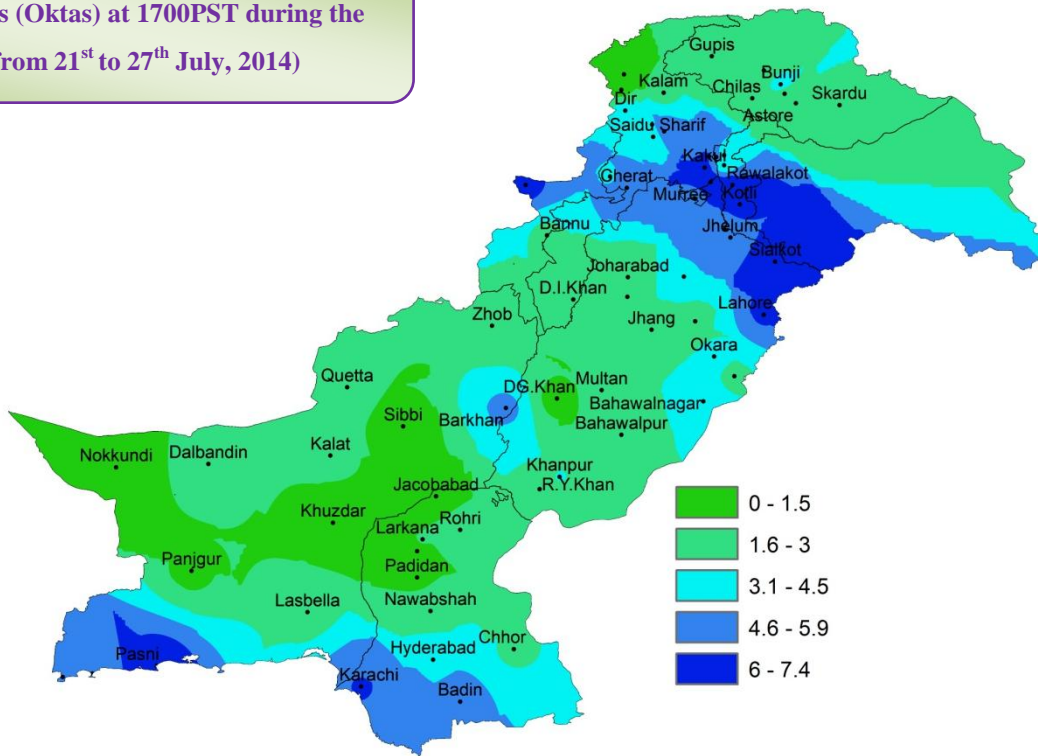
Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 21<sup>st</sup> to 27<sup>th</sup> July, 2014)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 21<sup>st</sup> to 27<sup>th</sup> July, 2014)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 21<sup>st</sup> to 27<sup>th</sup> July, 2014)





**Weekly Weather Advisory for Farmers****(From 28<sup>th</sup> July to 3<sup>rd</sup> August, 2014)**

A well marked seasonal low lies over north Baluchistan and its adjoining areas. Moderate monsoon currents would continue penetrating into upper parts of the country during next few days.

**MONDAY****28-07-2014**

Rain-thundershower is expected at isolated places in Kashmir, Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore, and Sargodha divisions), upper KP (Malakand, Hazara, Peshawar, Kohat and Mardan divisions).

**TUESDAY****29-07-2014**

Rain-thundershower is expected at scattered places in Kashmir, Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore, and Sargodha divisions), upper KP (Malakand, Hazara, Peshawar, Kohat and Mardan divisions).

**WEDNESDAY****30-07-2014**

Rain-thundershower is expected at scattered places in Kashmir, KP, Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore and Sargodha divisions), and at isolated places in Multan, Sahiwal, Faisalabad and DG.Khan divisions. Heavy falls are expected at a few places in Kashmir, Rawalpindi, Gujranwala and Lahore divisions.

**THURSDAY****31-07-2014**

Rain-thundershower is expected at scattered places in Kashmir, KP, Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore and Sargodha divisions), and at isolated places in Bahawalpur, Multan, Sahiwal and DG.Khan divisions. Heavy falls are expected at a few places in Kashmir, Rawalpindi, Gujranwala and Lahore divisions.

**FRIDAY****01-08-2014**

Rain-thundershower is expected at scattered places in Kashmir, upper KP, Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore, and Sargodha divisions), Lower Sindh (Mirpurkhas, Hyderabad divisions), while isolated in Bahawalpur, Multan, Sahiwal and D.G. Khan divisions.

**SATURDAY****02-08-2014**

Rain-thundershower is expected at scattered places in Kashmir, upper KP, Islamabad, Rawalpindi, Gujranwala, Lahore divisions. Hot and humid weather expected in other parts of the country.

**Advises for Crops**

- Farmers are advised to irrigate the standing crops keeping expected weather in mind especially Rainfed areas in the upper half of the country.
- Weeds growth in sugarcane crop should be controlled during the coming rains.

**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 21<sup>st</sup> to 27<sup>th</sup> July, 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	135.6	35	0.0	2.4	2.7	0.9	4.0
Badin	34.8	36.0	182.3	69	0.3	5.1	5.1	6.9	7.1
Bahawalnagar	39.9	41.8	210.9	55	1.0	1.9	3.6	2.9	2.6
Bahawalpur	40.4	41.5	213.4	58	0.0	1.1	2.4	2.9	4.9
Balakot	31.5	34.5	161.1	79	97.3	7.4	6.1	0.0	2.1
Bannu	38.8	42.5	197.1	61	0.0	3.3	2.6	0.3	6.3
Barkhan	37.8	38.5	177.0	51	54.1	0.0	4.9	0.0	1.4
Bunji	38.8	40.6	190.2	43	1.0	2.6	3.9	1.7	1.1
Cherat	28.3	34.5	147.3	64	17.0	4.9	5.6	4.9	4.0
Chhor	37.1	38.5	191.4	73	0.0	4.0	2.7	3.7	7.1
Chilas	42.9	44.2	209.0	31	0.0	1.0	1.7	3.4	3.7
Chitral	38.3	39.0	171.1	48	0.0	0.9	1.0	0.0	12.6
DG.Khan	40.9	42.3	214.1	58	0.0	1.3	0.9	2.0	5.1
D.I.Khan	39.1	40.5	197.2	66	1.0	3.4	2.1	0.6	0.6
Dalbandin	45.4	48.0	229.0	20	0.0	1.7	2.4	1.7	4.0
Dir	34.6	36.0	162.3	70	4.0	6.0	4.0	0.0	1.4
Drosh	37.1	41.0	172.0	35	0.0	1.4	0.9	0.0	15.0
Faisalabad	37.8	39.5	200.0	60	0.0	3.6	4.3	1.7	1.9
Garidopatta	33.7	40.0	154.5	69	33.0	4.6	3.4	0.0	0.9
Gawader	33.3	33.5	168.3	73	0.0	6.7	5.1	0.7	9.6
Gilgit	39.4	40.5	154.8	52	0.0	1.7	1.7	0.0	0.3
Gupis	34.5	35.0	147.8	35	0.0	0.3	1.9	1.4	2.0

Hyderabad	36.1	40.0	188.8	67	16.0	4.3	4.3	14.6	17.1
Islamabad	31.0	37.7	163.2	76	188.0	6.7	5.1	0.9	1.7
Jacobabad	41.5	44.0	212.5	60	0.0	0.9	0.9	2.9	3.7
Jhang	39.3	40.8	203.7	60	1.0	1.4	1.9	1.7	2.3
Jhelum	34.5	38.7	182.3	73	5.2	6.4	5.6	1.1	3.4
Jiwani	31.4	31.8	165.4	75	0.0	6.6	5.7	3.7	9.1
Joharabad	37.5	40.8	196.4	77	1.0	2.4	1.7	1.7	2.9
Kakul	28.4	33.0	139.9	69	42.0	7.4	6.1	0.0	0.6
Kalam	28.2	29.5	122.0	67	0.0	4.0	2.1	0.0	2.0
Kalat	34.5	36.0	173.0	33	0.0	0.0	2.0	0.0	1.1
Karachi	33.2	34.5	181.3	72	1.2	6.0	6.0	10.6	14.3
Khanpur	40.2	40.5	208.3	62	0.0	0.0	3.0	1.7	1.4
Khuzdar	39.8	41.5	197.8	13	0.0	0.0	0.4	0.0	4.9
Kotli	30.8	35.0	168.2	83	28.0	7.3	6.3	0.3	1.7
Lahore	36.0	38.0	185.0	68	2.2	4.6	6.1	4.0	3.7
Larkana	41.0	43.5	216.3	59	0.0	2.4	1.6	3.1	4.6
Lasbella	37.4	39.5	189.3	65	17.0	6.9	2.6	0.0	5.1
Lower Dir	37.2	40.5	189.5	61	0.0	5.0	4.4	0.9	5.4
Malam Jabba	23.3	25.5	96.2	81	19.0	6.1	5.4	0.0	0.0
M.B Din	36.0	39.0	182.3	78	10.1	5.9	4.1	1.1	2.3
Mangla	33.5	38.0	177.2	79	11.0	6.4	5.6	3.1	4.9
Mir Khani	38.1	39.4	205.0	31	0.0	0.0	2.0	0.0	3.0
Moinjodaro	41.1	44.0	205.9	55	0.0	2.6	1.1	3.4	4.0
Multan	39.0	40.5	209.6	57	0.0	2.3	2.1	4.6	5.4
Murree	22.0	25.0	110.2	93	89.0	8.0	7.4	0.3	0.3
Muzaffarabad	33.2	38.3	167.5	74	137.2	7.0	5.0	0.0	1.3

Nokkundi	45.9	47.5	238.1	11	0.0	0.6	0.0	3.1	4.3
Noorpurthal	41.0	44.0	207.8	57	1.0	3.6	3.0	0.0	2.0
Okara	38.3	40.3	198.0	63	0.0	2.3	3.3	3.4	3.4
Padidan	38.6	41.0	201.3	63	0.1	2.3	1.3	1.4	2.9
Panjgur	39.2	40.5	197.0	40	0.0	1.9	1.1	4.9	6.3
Parachinar	33.4	34.6	138.3	73	24.0	6.1	6.6	4.4	5.0
Pasni	32.6	34.0	171.8	78	0.0	6.9	7.0	1.4	8.3
Peshawar	35.3	41.3	188.1	73	2.3	4.4	4.3	2.6	2.3
Quetta	36.8	38.5	169.5	25	0.0	2.0	2.6	2.2	3.1
R.Y.Khan	41.7	42.6	213.8	58	0.0	1.1	2.4	2.9	4.0
Rawalakot	25.1	29.0	118.1	63	33.0	7.3	7.3	0.6	1.1
Rohri	41.4	43.5	214.3	53	0.0	2.7	2.0	2.6	2.6
Rawlpindi	33.7	39.0	168.9	73	173.4	4.1	4.7	0.0	0.9
Sahiwal	38.8	40.6	196.7	61	0.0	2.3	2.7	1.7	2.3
Saidu Sharif	35.2	37.5	183.3	68	0.0	6.6	3.4	0.0	1.7
Sialkot	32.1	36.6	169.9	81	70.0	7.3	6.7	0.0	1.1
Sibbi	44.5	46.0	224.5	39	0.1	0.6	0.6	0.0	0.6
Skardu	36.6	38.6	150.2	31	0.1	0.7	2.9	0.6	2.0
Tandojam	35.1	39.0	181.0	71	12.0	1.7	2.1	1.8	2.2
Usta.M	41.3	41.5	212.0	54	0.0	0.4	1.0	0.0	0.1
Zhob	37.8	39.0	190.8	48	0.0	2.1	2.0	1.4	6.7

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