

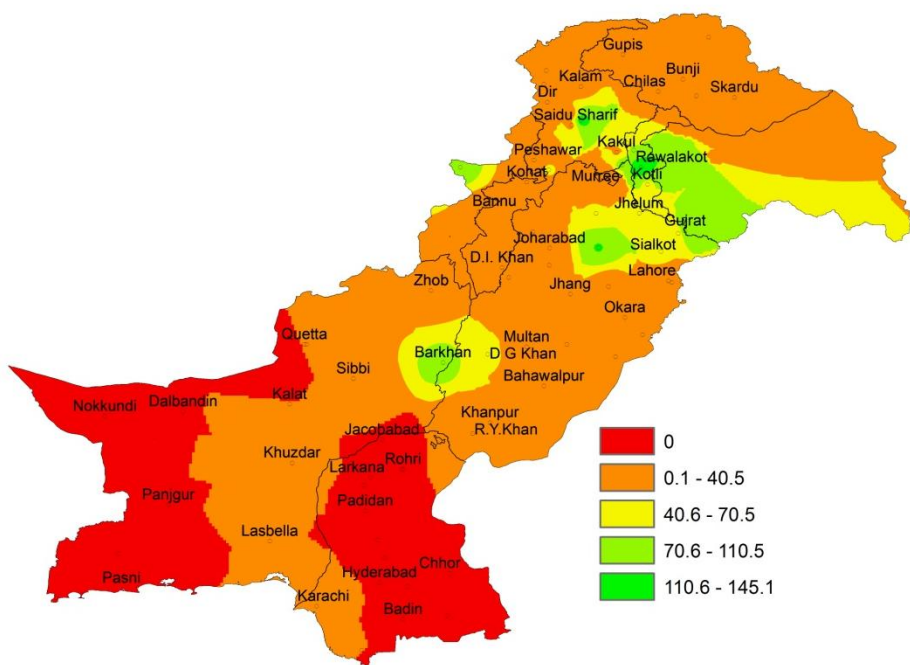
# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 30<sup>th</sup> June to 6<sup>th</sup> July, 2014)**



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**Chief Editor: Dr. Khalid Mahmood Malik (Director)**  
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## Highlights of Past Weather (From 30<sup>th</sup> June to 6<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.
- Light to moderate rainfall reported at isolated places in Balochistan.
- Light to moderate rainfall reported at many places in, Khyber Pakhtunkhwa and Gilgit-Baltistan & Kashmir regions.
- Light rainfall reported only single station (Karachi-0.3mm) in Sindh.

## **Past Weather of Provinces (From 30<sup>th</sup> June to 6<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 36.4°C & 25.2°C respectively. For the present season average 180.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 65% and wind speed in the morning/evening recorded 2.5/3.4 Knots. During the previous week highest amount of rainfall reported at M.B.Din 113.0 mm and highest maximum temperature was recorded 44.0°C at Noorpur Thal.

### **Sindh**

Light rainfall reported only single station (Karachi-0.3mm) in Sindh during the week. Weekly maximum and minimum temperatures recorded 42.6°C & 27.8°C respectively. For the present season average 204.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 59% and wind speed in the morning/evening recorded 8.3/9.2 Knots. During the previous week highest maximum temperature was recorded 46.2°C at Dadu.

### **Khyber Pakhtunkhwa**

Light to moderate rainfall reported at many places in, Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 33.8°C & 21.3°C respectively. For the present season average 154.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 58% and wind speed in the morning/evening recorded 1.1/3.7 Knots. The highest amount of rainfall was reported at Malam Jabba 143.0mm and highest maximum temperature recorded 43.0°C at Risalpur.

### **Balochistan**

Light to moderate rainfall reported at isolated places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 37.3°C & 24.6°C respectively. For the present season average 180.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 45% and wind speed in the morning/evening recorded 1.2/7.2 Knots. During the previous week highest amount of rainfall reported at Barkhan 83.0mm and highest maximum temperature recorded 46.0°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 30.9°C & 18.7°C respectively. For the present season average 143.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 57% and wind speed in the morning/evening recorded 0.7/4.2 Knots. During the previous week highest amount of rainfall reported at Rawalakot 145.1mm and highest maximum temperature recorded 44.0°C at Chilas.

**Past Weather for Major Agricultural Plains**  
**(From 30<sup>th</sup> June to 6<sup>th</sup> July, 2014)**

**Rawalpindi (Potohar region)**

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 4.3/3.9 Oktas while, average relative humidity observed 59%. Mean day time temperature recorded 36.2°C & for the present season 176.4growing 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)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.4/2.3 Oktas while average relative humidity observed as 64%. Mean day time temperature recorded 36.0°C & for the present season 180.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.8/4.5 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.3/2.6 Oktas while, average relative humidity observed as 19%. Mean day time temperature recorded 34.4°C for the present season 160.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.1/3.8 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/1.0 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 44.6°C & for the present season 223.5 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 3.4/2.3 Oktas while average relative humidity observed as 64%. Mean day time temperature recorded 36.9°C & for the present season 189.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.8/4.5 Knots.

**Past Weather for Sub-Regional Agricultural Plains**  
**(From 30<sup>th</sup> June to 6<sup>th</sup> July, 2014)**

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.9/2.7 Oktas while, average relative humidity observed as 52%. Mean day time temperature recorded 42.0°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 4.0/2.9 Knots.

**Multan**

Rainfall reported as 9.1mm during the week; however cloudiness in the morning/evening recorded 4.6/3.6 Oktas while, average relative humidity observed as 59%. Mean day time temperature recorded 37.5°C & for the present season 193.3growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 10.0/7.4 Knots.

**Lahore**

Rainfall reported as 15.2mm during the week; however cloudiness in the morning/evening recorded 4.3/4.1 Oktas while, average relative humidity observed as 65%. Mean day time temperature recorded 35.9°C & for the present season 174.7growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/2.9 Knots.

**Zhob**

Rainfall reported as 3.0mm during the week; however cloudiness in the morning/evening recorded 1.1/4.7 Oktas while, average relative humidity observed as 61%. Mean day time temperature recorded 36.6°C & for the present season 178.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.6/8.7 Knots.

**D.I. Khan**

Rainfall reported as 10.1mm during the week; however cloudiness in the morning/evening recorded 3.0/1.7 Oktas while, average relative humidity observed as 63%. Mean day time temperature recorded 38.0°C & for the present season 182.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.1 Knots.

**Peshawar**

Rainfall reported as 20.2mm during the week; however cloudiness in the morning/evening recorded 2.7/4.3 Oktas while, average relative humidity observed as 63%. Mean day time temperature recorded 36.8°C & for the present season 179.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/3.1 Knots.

**Murree**

Rainfall reported as 90.1mm during the week; however cloudiness in the morning/evening recorded 4.9/4.6 Oktas while, average relative humidity observed as 77%. Mean day time temperature recorded 23.0°C & for the present season 100.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.1 Knots.

**Kalam**

Rainfall reported as 18.0mm during the week; however cloudiness in the morning/evening recorded 1.9/5.4 Oktas while, average relative humidity observed as 64%. Mean day time temperature recorded 26.1°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 0.0/2.0 Knots.

**Gilgit**

Rainfall reported as 13.1mm during the week; however cloudiness in the morning/evening recorded 4.6/5.9 Oktas while, average relative humidity observed as 56%. Mean day time temperature recorded 35.1°C & for the present season 146.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/5.7 Knots.

**Skardu**

Rainfall reported as 4.4mm during the week; however cloudiness in the morning/evening recorded 5.4/6.1 Oktas while, average relative humidity observed as 43%. Mean day time temperature recorded 30.3°C & for the present season 120.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/5.3 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 RAMC Faisalabad.

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

**Lower Sindh (Tandojam)**

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

**Wheat (PD-1):** Good condition at *Flowering* stage.

**Northern Balochistan (Quetta)**

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

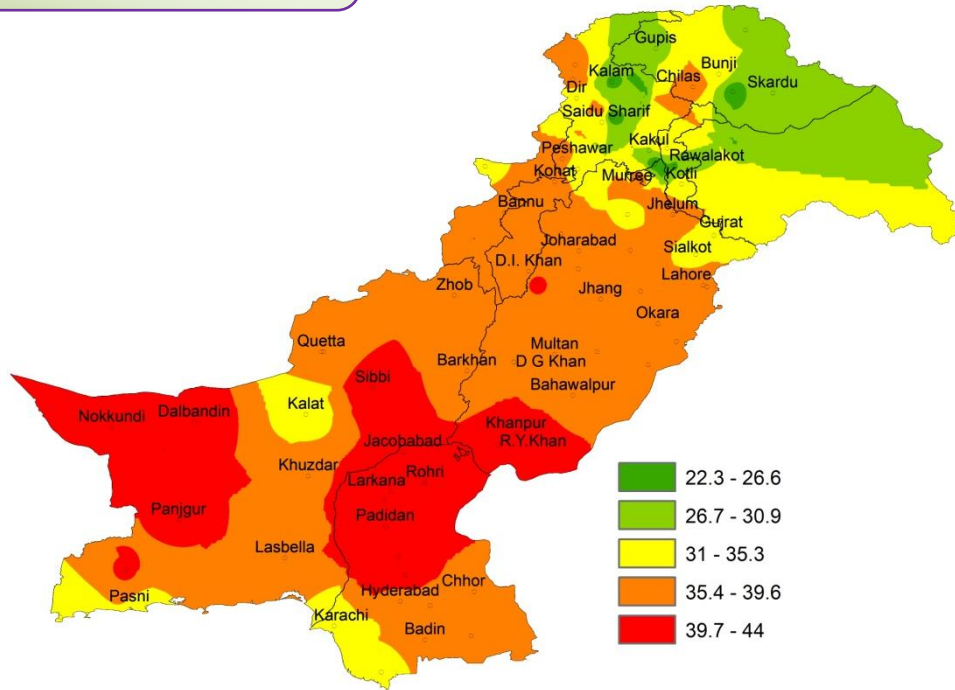
**Eastern Balochistan (Usta Muhammad)**

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

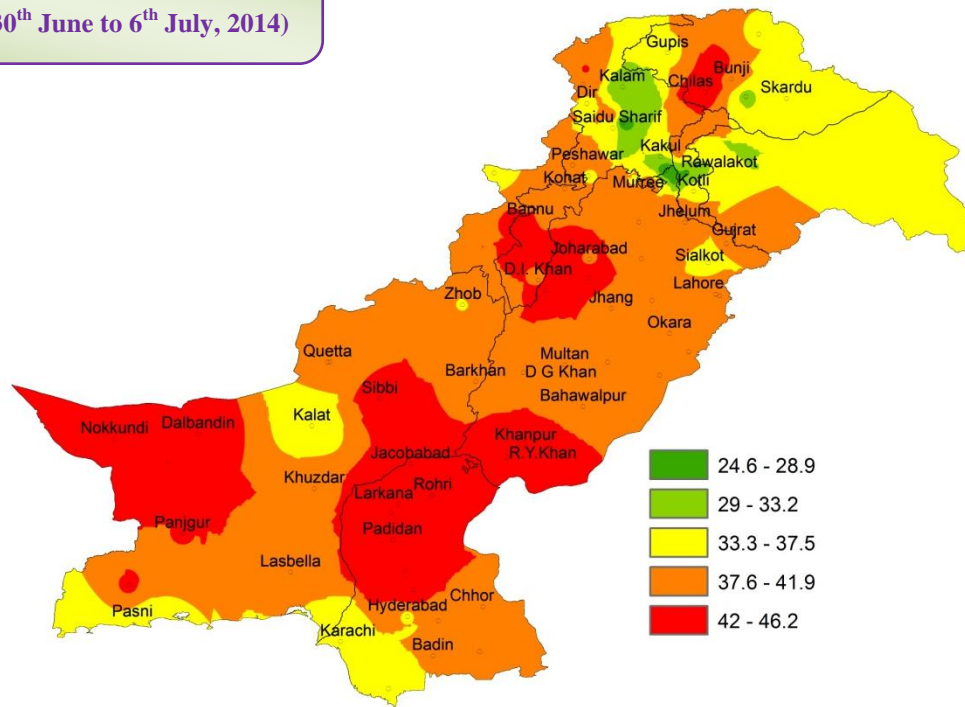
**Rice:** Good condition at *Third leaf* stage.



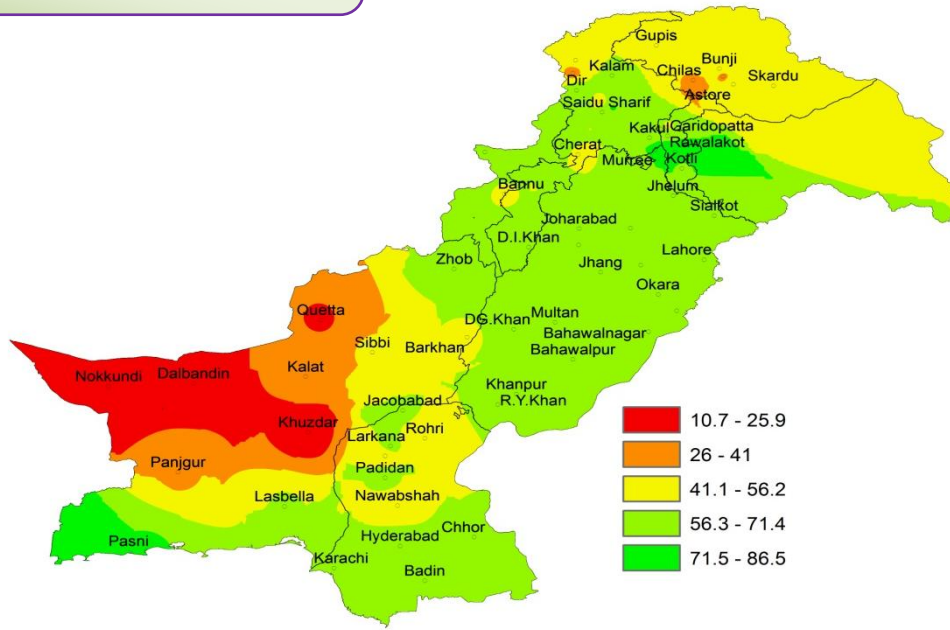
Mean Maximum Temperature (°C) during the Previous week (from 30<sup>th</sup> June to 6<sup>th</sup> July, 2014)



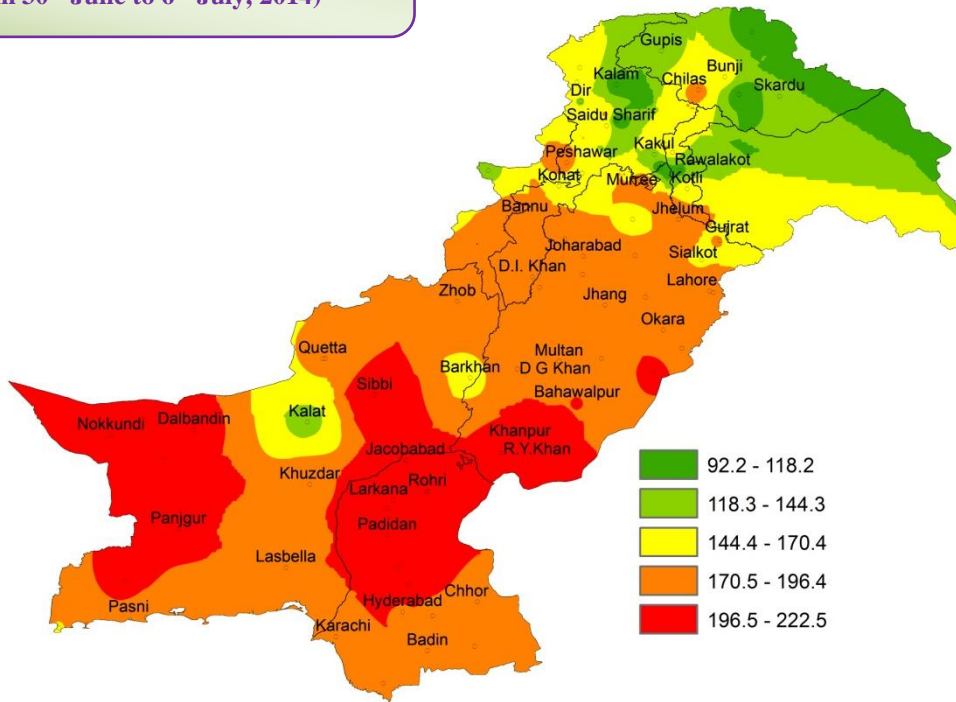
Highest Maximum Temperature (°C) during the Previous week (from 30<sup>th</sup> June to 6<sup>th</sup> July, 2014)



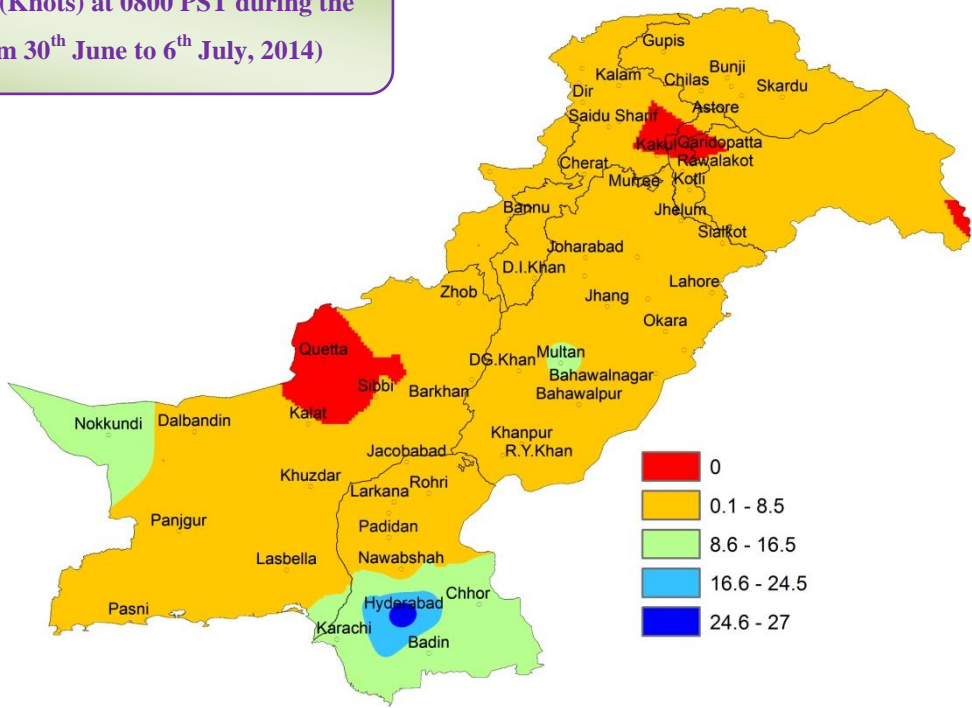
Mean Relative Humidity (%) during the Previous week (from 30<sup>th</sup> June to 6<sup>th</sup> July, 2014)



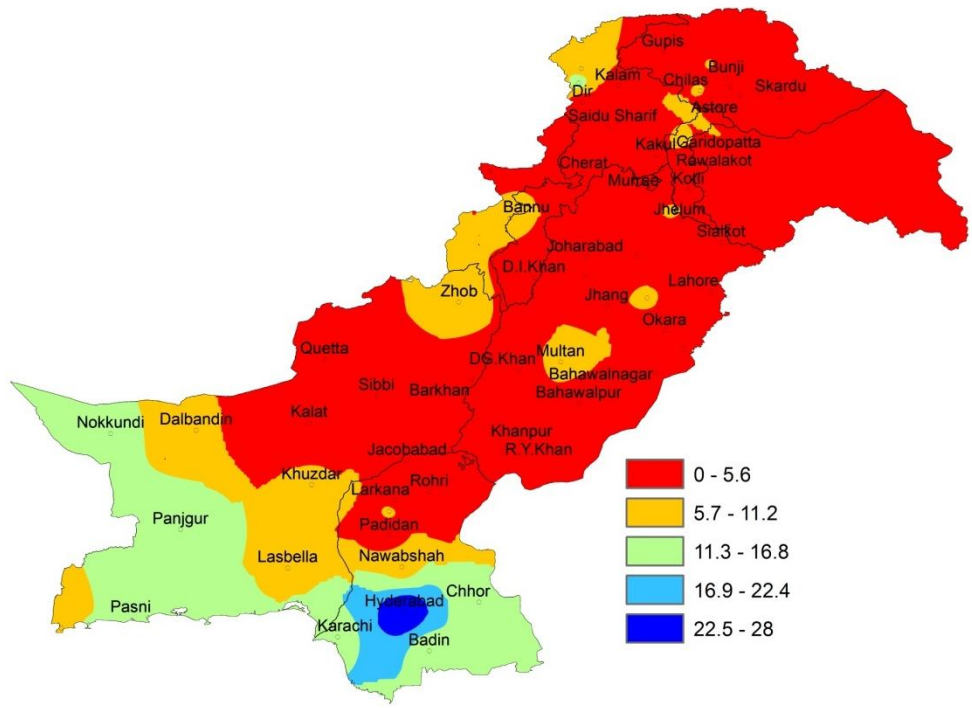
Total Growing Degree Days accumulated during the Previous week (from 30<sup>th</sup> June to 6<sup>th</sup> July, 2014)



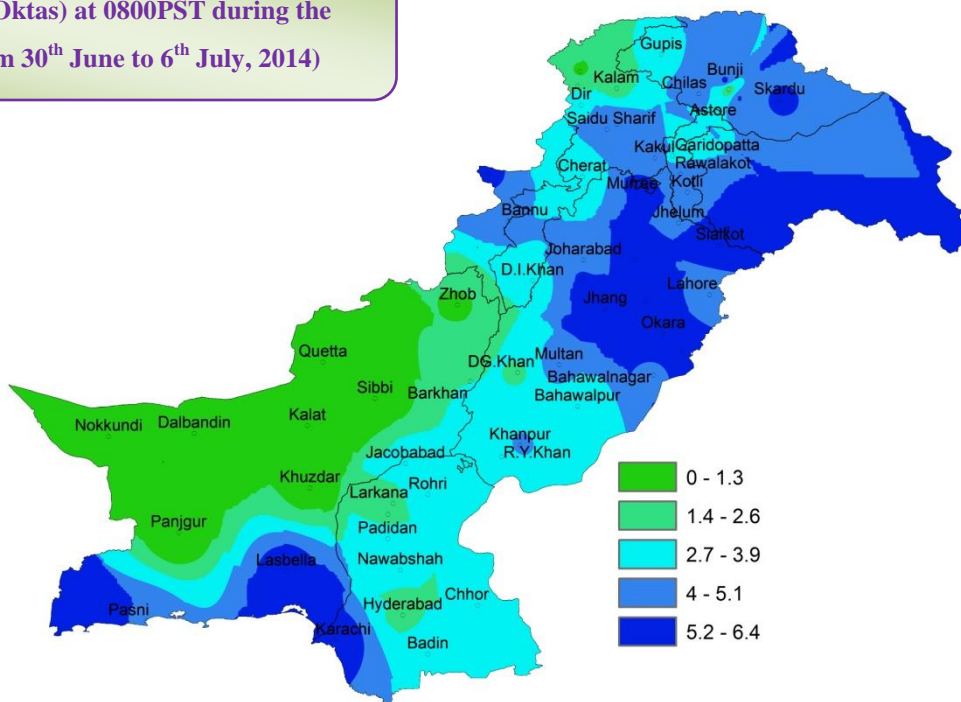
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 30<sup>th</sup> June to 6<sup>th</sup> July, 2014)



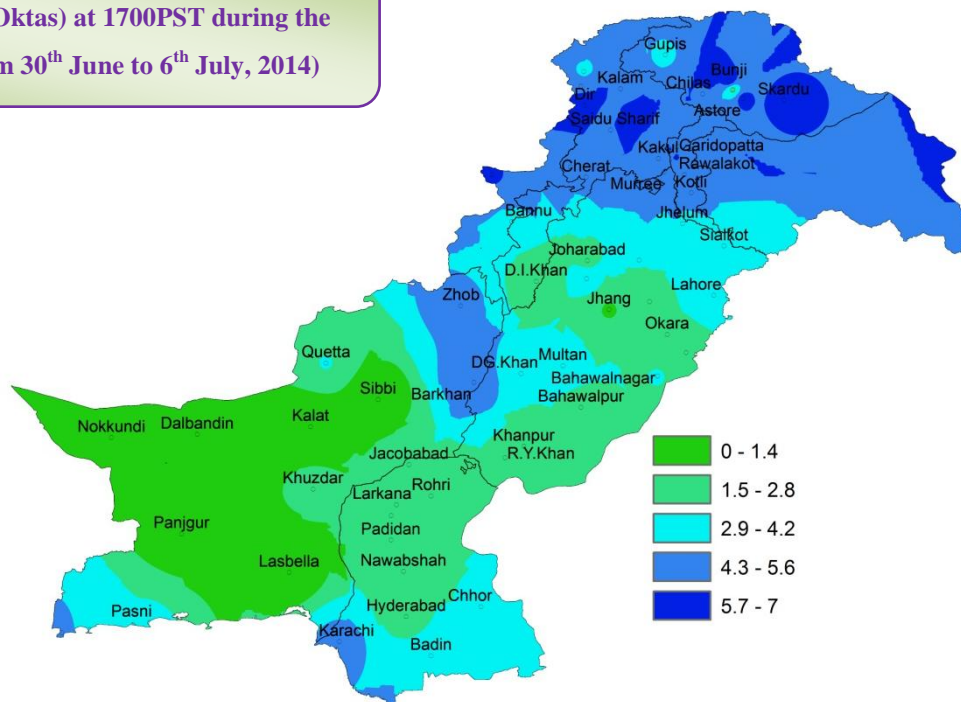
Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 30<sup>th</sup> June to 6<sup>th</sup> July, 2014)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 30<sup>th</sup> June to 6<sup>th</sup> July, 2014)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 30<sup>th</sup> June to 6<sup>th</sup> July, 2014)





**Weekly Weather Advisory for Farmers****(From 7<sup>th</sup> to 13<sup>th</sup> July, 2014)**

Seasonal low lies over North Baluchistan and its adjoining areas. Weak monsoon currents from Arabian Sea are penetrating into central parts of the country. Significant moist currents would remain cutoff during next 4 to 5 days. A shallow westerly trough is also present over extreme northern parts of the country and likely to move eastwards during next 12 to 18 hours.

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

Mainly hot and humid weather is expected in most parts of the country, however, Rain-thunderstorm is expected at isolated places in D.I Khan, D.G. Khan, Multan, Sahiwal, Sargodha divisions, Kashmir and Gilgit-Baltistan during evening/night.

**TUESDAY****08-07-2014**

Mainly very hot and humid weather conditions are expected in most parts of the country.

**WEDNESDAY****09-07-2014**

Mainly very hot and humid weather conditions are expected in most parts of the country.

**THURSDAY****10-07-2014**

Mainly very hot and humid weather conditions are expected in most parts of the country.

**FRIDAY****11-07-2014**

Mainly very hot and humid weather conditions are expected in most parts of the country. However light rain-thundershower is expected at one or two places in Kashmir and adjoining hilly areas.

**SATURDAY****12-07-2014**

Mainly hot and humid weather conditions are expected in most parts of the country. However rain-thundershower is expected at few places in Hazara, Rawalpindi, Gujranwala divisions and Kashmir.

**SUNDAY****13-07-2014**

Mainly hot and humid weather conditions are expected in most parts of the country. However rain-thundershower is expected at isolated places in Hazara divisions, Northeast Punjab and Kashmir.

**Advises for Crops**

- ❖ Farmers are advised to irrigate standing crops both in irrigated and rainfed areas keeping the expected dry weather during the week.
- ❖ Due to the expected monsoon rains in the next week, farmers should perform necessary measures against weeds growth in standing crops like maize, sugarcane and cotton etc.
- ❖ Farmers should take in time precautionary measures to protect standing crops as well as livestock due to expected heavy rains/flash flooding in the present monsoon season from July to September especially in upper half of the country.

**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 30<sup>th</sup> June to 6<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	24.3	32.0	100.3	56	29.0	5.3	6.3	0.6	4.6
Badin	36.6	38.0	188.3	61	0.0	3.6	4.1	10.6	13.4
Bahawalnagar	38.7	40.2	201.1	58	2.1	4.9	2.9	1.1	4.0
Bahawalpur	38.8	41.5	196.8	60	10.1	2.9	2.3	4.6	3.7
Balakot	33.7	37.0	155.0	60	44.0	4.1	4.6	0.0	2.1
Bannu	38.6	42.5	184.5	55	11.1	4.1	4.0	2.0	7.1
Barkhan	36.4	40.0	163.3	54	83.0	2.6	5.4	0.0	2.3
Bunji	33.8	40.6	158.8	55	19.0	5.6	7.0	1.7	3.4
Cherat	32.0	37.0	144.8	53	44.0	3.6	4.3	3.4	2.9
Chhor	37.7	38.5	191.7	61	0.0	2.9	3.3	10.6	12.6
Chilas	37.0	44.0	174.5	38	3.2	4.3	5.4	2.0	5.7
Chitral	36.7	42.0	164.2	46	1.0	1.0	3.9	1.4	10.6
DG.Khan	38.1	40.0	194.2	64	50.1	2.4	3.1	3.4	2.0
D.I.Khan	38.0	41.5	182.4	63	10.1	3.0	1.7	0.6	1.1
Dalbandin	43.0	46.0	205.9	18	0.0	0.0	0.0	3.7	6.0
Dir	32.7	36.0	143.0	71	39.0	3.4	7.0	0.0	0.6
Drosh	36.9	41.1	156.2	36	8.0	2.6	5.3	0.9	13.0
Faisalabad	36.0	40.5	180.7	64	0.0	3.4	2.3	3.8	4.5
Garidopatta	33.8	38.0	150.5	71	82.0	3.4	5.7	0.0	2.3
Gawader	33.5	34.0	176.4	73	0.0	5.6	3.4	2.1	11.3
Gilgit	35.1	43.5	146.4	56	13.1	4.6	5.9	0.0	5.7
Gupis	29.5	36.0	133.1	41	9.0	3.3	4.0	2.0	4.6

Hyderabad	36.5	37.0	193.5	61	0.0	2.3	2.0	27.1	28.0
Islamabad	35.7	38.5	175.1	63	12.2	5.4	4.6	0.0	3.7
Jacobabad	41.2	44.0	204.3	57	0.0	3.1	2.6	2.0	3.1
Jhang	36.9	39.5	175.3	68	36.0	6.0	1.3	3.1	5.6
Jhelum	36.3	39.3	177.0	69	55.1	5.1	3.7	0.3	4.0
Jiwani	32.6	33.5	169.8	75	0.0	6.1	4.9	3.7	9.7
Joharabad	37.9	41.5	187.5	67	12.1	4.6	2.6	2.3	2.9
Kakul	30.1	32.0	133.2	67	36.0	4.7	5.0	0.0	1.1
Kalam	26.1	29.0	108.5	64	18.0	1.9	5.4	0.0	2.0
Kalat	32.4	34.0	137.3	34	0.0	0.0	0.0	0.0	0.0
Karachi	33.3	34.0	182.3	71	0.3	6.4	4.9	11.7	15.1
Khanpur	40.4	43.0	202.5	60	0.0	4.0	2.3	1.1	0.6
Khuzdar	38.7	40.5	188.3	15	5.0	0.7	1.9	4.3	6.9
Kotli	33.8	36.7	164.1	69	64.0	5.0	4.7	1.6	2.0
Lahore	35.9	38.2	174.7	65	15.2	4.3	4.1	3.1	2.9
Larkana	41.8	45.0	212.7	58	0.0	2.3	1.6	4.0	4.6
Lasbella	38.6	39.5	187.3	58	0.0	6.1	0.0	0.6	10.0
Lower Dir	37.5	40.5	174.3	51	12.0	4.3	4.7	1.1	1.4
Malam Jabba	22.0	24.7	90.6	74	143.0	5.1	6.7	0.0	0.0
M.B Din	36.3	40.0	178.8	66	113.0	5.6	2.9	0.3	1.7
Mangla	35.7	38.8	173.8	70	42.1	5.0	4.3	0.0	6.6
Mir Khani	36.7	37.6	***	36	2.0	1.0	2.1	0.0	2.7
Moinjodaro	42.3	44.5	217.7	52	0.0	2.1	1.4	3.7	6.0
Multan	37.5	39.3	193.3	59	9.1	4.6	3.6	10.0	7.4
Murree	23.0	24.5	100.4	77	90.1	4.9	4.6	0.9	1.1
Muzaffarabad	35.3	38.0	162.9	67	48.0	4.6	5.9	0.0	2.4

Nokkundi	41.5	43.5	209.3	11	0.0	0.0	0.0	16.0	12.9
Noorpurthal	39.2	44.0	186.4	70	16.1	5.3	3.4	0.9	2.0
Okara	38.6	41.0	189.6	63	19.2	6.1	2.3	3.4	1.4
Padidan	41.3	43.0	209.5	59	0.0	3.6	2.1	1.4	3.7
Panjgur	40.5	42.0	198.4	38	0.0	0.0	0.0	3.1	16.0
Parachinar	33.7	35.6	139.5	69	101.0	5.4	5.7	3.9	4.1
Pasni	33.3	33.5	174.0	74	0.0	5.0	3.0	3.1	13.4
Peshawar	36.8	41.5	179.9	63	20.2	2.7	4.3	2.3	3.1
Quetta	34.4	36.0	160.3	19	0.0	2.3	2.6	2.1	3.8
R.Y.Khan	41.5	43.8	206.9	57	0.2	3.3	2.6	4.0	3.7
Rawalakot	26.1	28.5	111.7	87	145.1	4.9	5.0	0.0	0.9
Rohri	42.0	43.0	210.0	52	0.0	3.9	2.7	4.0	2.9
Rawalpindi	36.2	39.0	176.4	59	2.0	4.3	3.9	0.3	0.9
Sahiwal	37.6	39.0	185.2	61	30.1	5.7	1.9	5.7	2.0
Saidu Sharif	33.9	35.5	160.8	57	33.0	4.4	5.0	0.3	3.7
Sialkot	35.0	37.7	171.7	71	41.0	5.9	3.6	0.0	0.6
Sibbi	42.9	44.0	222.5	44	6.0	0.0	0.0	0.0	0.0
Tandojam	36.9	38.5	189.7	64	0.0	3.4	2.3	3.8	4.5
Skardu	30.3	36.5	120.8	43	4.4	5.4	6.1	0.0	5.3
Usta.M	44.6	45.5	223.5	48	0.0	1.0	1.0	0.1	0.1
Zhob	36.6	37.5	178.3	61	3.0	1.1	4.7	3.6	8.7

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