

# Weekly Weather and Crop Bulletin for Pakistan

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## **Highlights of Past Weather (From 16<sup>th</sup> to 22<sup>nd</sup> June, 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 & Kashmir regions.
- Light rainfall reported at few places in Balochistan and Sindh

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**Past Weather of Provinces (From 16<sup>th</sup> to 22<sup>nd</sup>****June, 2014)****Punjab**

Weekly maximum and minimum temperatures recorded 41.2°C & 28.3°C respectively. For the present season average 207.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 3.5/4.2 Knots. During the previous week highest amount of rainfall reported at Murree 19.1 mm and highest maximum temperature was recorded 47.0°C at Bhakkar.

**Sindh**

Weekly maximum and minimum temperatures recorded 42.2°C & 28.6°C respectively. For the present season average 209.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 55% and wind speed in the morning/evening recorded 6.0/8.6 Knots. During the previous week highest amount of rainfall reported at Moinjodaro 0.2 mm and highest maximum temperature was recorded 49.5°C at Dadu.

**Khyber Pakhtunkhwa**

Weekly maximum and minimum temperatures recorded 36.1°C & 21.4°C respectively. For the present season average 164.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 47% and wind speed in the morning/evening recorded 1.2/3.3 Knots. The highest amount of rainfall was reported at Parachinar 61.1mm and highest maximum temperature recorded 46.6°C at Bannu.

**Balochistan**

Weekly maximum and minimum temperatures recorded 39.8°C & 25.2°C respectively. For the present season average 196.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 41% and wind speed in the morning/evening recorded 1.2/7.5 Knots. During the previous week highest amount of rainfall reported at Bar Khan 2.0mm and highest maximum temperature recorded 50.5°C at Turbat.

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

Weekly maximum and minimum temperatures recorded 31.6°C & 18.5°C respectively. For the present season average 140.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 1.7/3.2 Knots. During the previous week highest amount of rainfall reported at Rawalakot 18.0mm and highest maximum temperature recorded 41.1°C at G.dopata.

**Past Weather for Major Agricultural Plains**  
**(From 16<sup>th</sup> to 22<sup>nd</sup> June, 2014)**

**Rawalpindi (Potohar region)**

Rainfall reported as 5.4mm during the week; however cloudiness in the morning/evening recorded 2.8/2.0 Oktas while, average relative humidity observed 39%. Mean day time temperature recorded 39.4°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 0.9/0.9 Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as 1.6mm during the week; however cloudiness in the morning/evening recorded 1.0/1.9 Oktas while average relative humidity observed as 57%. Mean day time temperature recorded 42.0°C & for the present season 216.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.5/2.2 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/0.3 Oktas while, average relative humidity observed as 17%. Mean day time temperature recorded 33.9°C for the present season 151.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.1/3.8 Knots.

**Tandojam (Lower Singh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.4/0.4 Oktas while, average relative humidity observed as 67%. Mean day time temperature recorded 39.5°C for the present season 201.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/3.1 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; while, average relative humidity observed as 47%. Mean day time temperature recorded 44.3°C & for the present season 226.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.3 Knots.

**Past Weather for Sub-Regional Agricultural Plains (From 16<sup>th</sup> to 22<sup>nd</sup> June, 2014)**

**Rohri**

During the week, average relative humidity observed as 48%. Mean day time temperature recorded 43.9°C & for the present season 221.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.7/2.3 Knots.

**Multan**

During the week, cloudiness in the morning/evening recorded 0.7/2.0 Oktas while, average relative humidity observed as 47%. Mean day time temperature recorded 41.6°C & for the present season 216.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 12.9/8.0 Knots.

**Lahore**

During the week, cloudiness in the morning/evening recorded 0.3/2.4 Oktas while, average relative humidity observed as 44%. Mean day time temperature recorded 41.5°C & for the present season 212.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/4.6 Knots.

**Zhob**

During the week, cloudiness in the morning/evening recorded 0.0/0.6 Oktas while, average relative humidity observed as 25%. Mean day time temperature recorded 38.1°C & for the present season 182.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.4/9.0 Knots.

**D.I. Khan**

During the week, cloudiness in the morning/evening recorded 1.6/0.4 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 41.9°C & for the present season 201.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/2.9 Knots.

**Peshawar**

During the week, cloudiness in the morning/evening recorded 4.4/4.7 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 41.4°C & for the present season 201.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/2.0 Knots.

**Murree**

During the week, cloudiness in the morning/evening recorded 3.6/2.3 Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 26.9°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 4.1/1.9 Knots.

**Kalam**

During the week, cloudiness in the morning/evening recorded 0.9/6.0 Oktas while, average relative humidity observed as 47%. Mean day time temperature recorded 26.6°C & for the present season 101.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.3 Knots.

**Gilgit**

During the week, cloudiness in the morning/evening recorded 5.6/6.4 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 33.2°C & for the present season 139.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/8.9 Knots.

**Skardu**

During the week, cloudiness in the morning/evening recorded 5.0/6.1 Oktas while, average relative humidity observed as 42%. Mean day time temperature recorded 27.6°C & for the present season 111.0 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)**

The crop is harvested in the fields of RMC 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.

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

**Northern Balochistan (Quetta)**

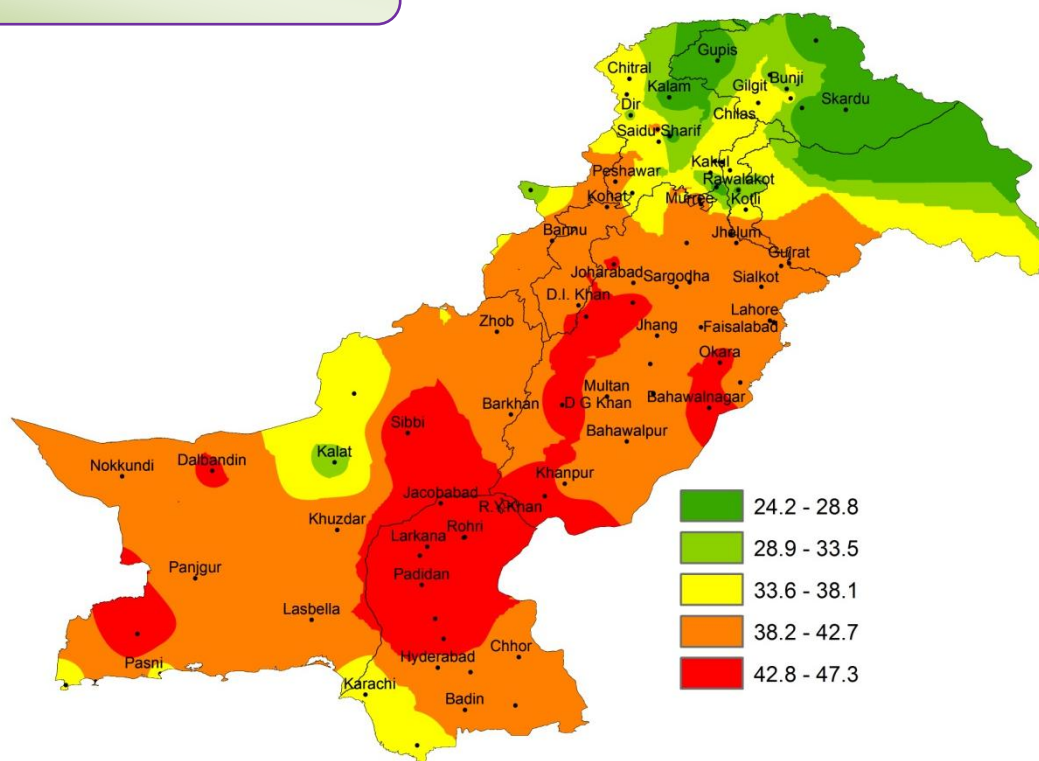
There is presently no crop in the fields of RMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

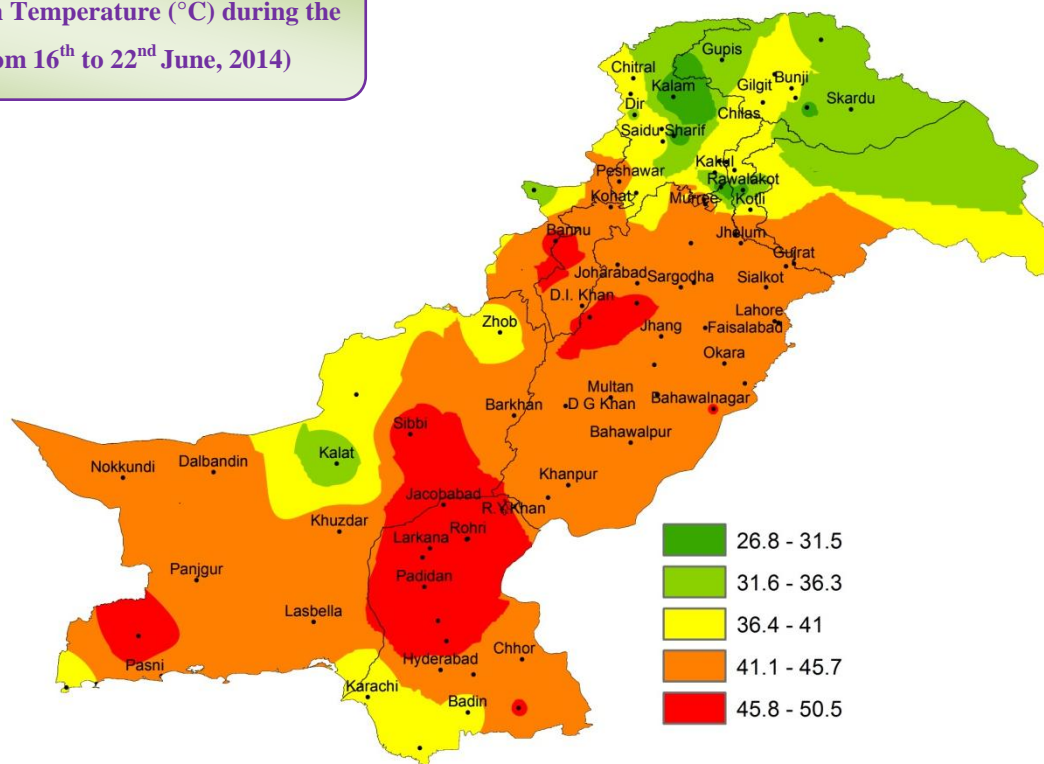
The fields are ready for Rice crop at RMC Usta Muhammad.

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

Mean Maximum Temperature (°C) during the  
Previous week (from 16<sup>th</sup> to 22<sup>nd</sup> June, 2014)

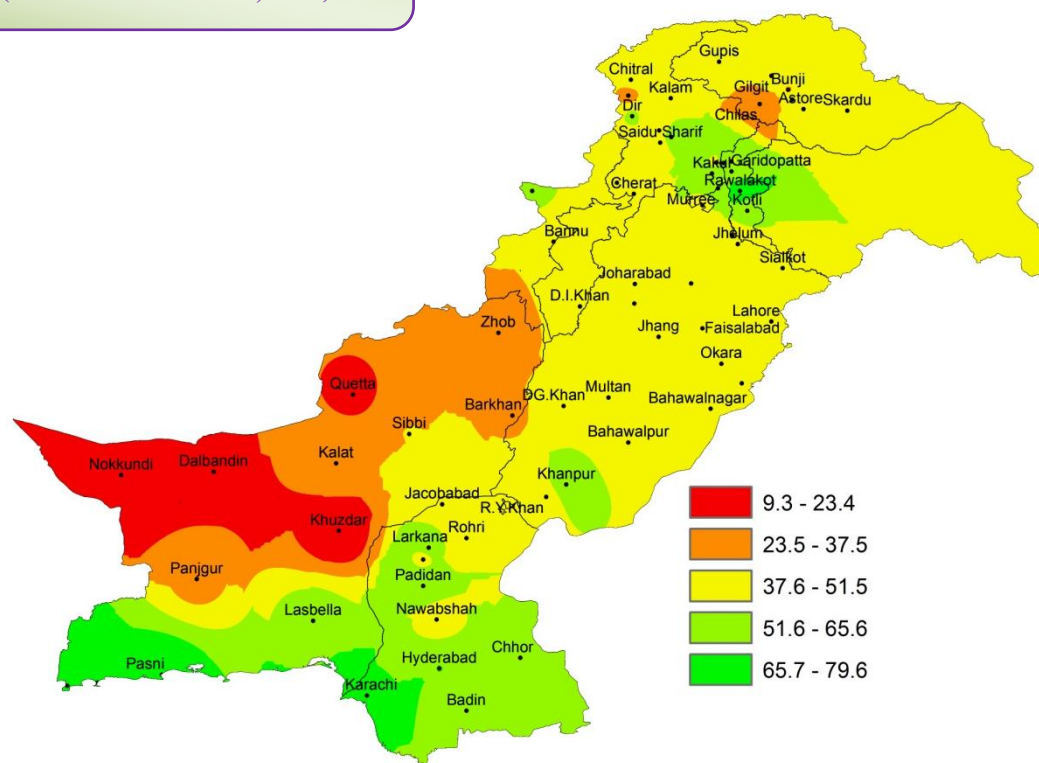


Highest Maximum Temperature (°C) during the  
Previous week (from 16<sup>th</sup> to 22<sup>nd</sup> June, 2014)

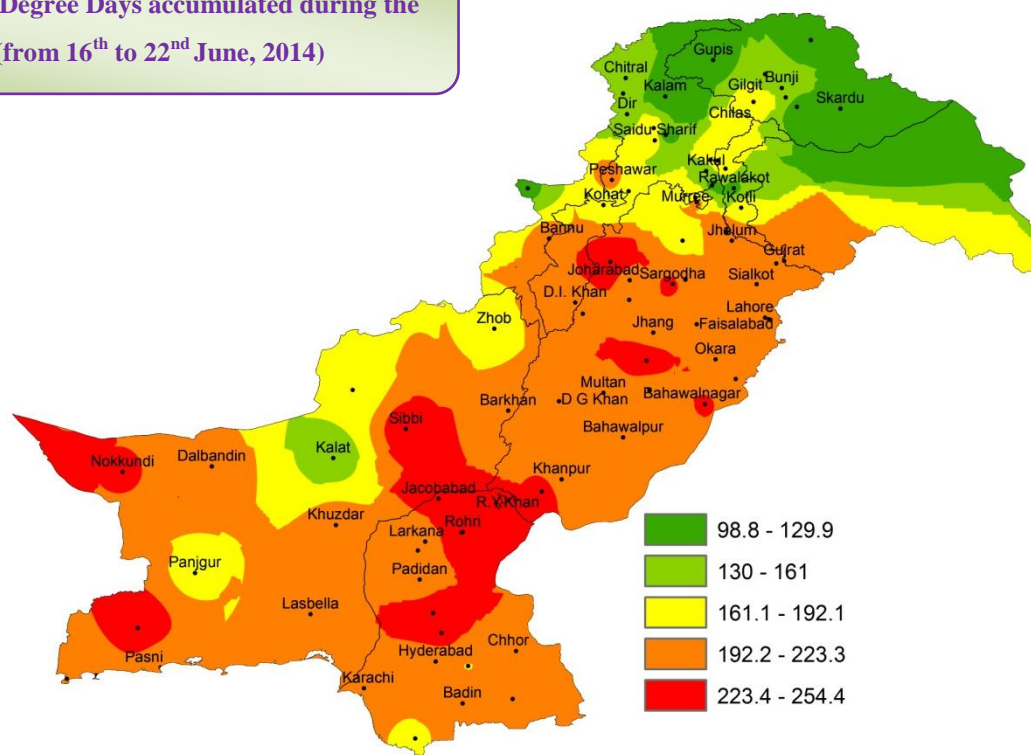




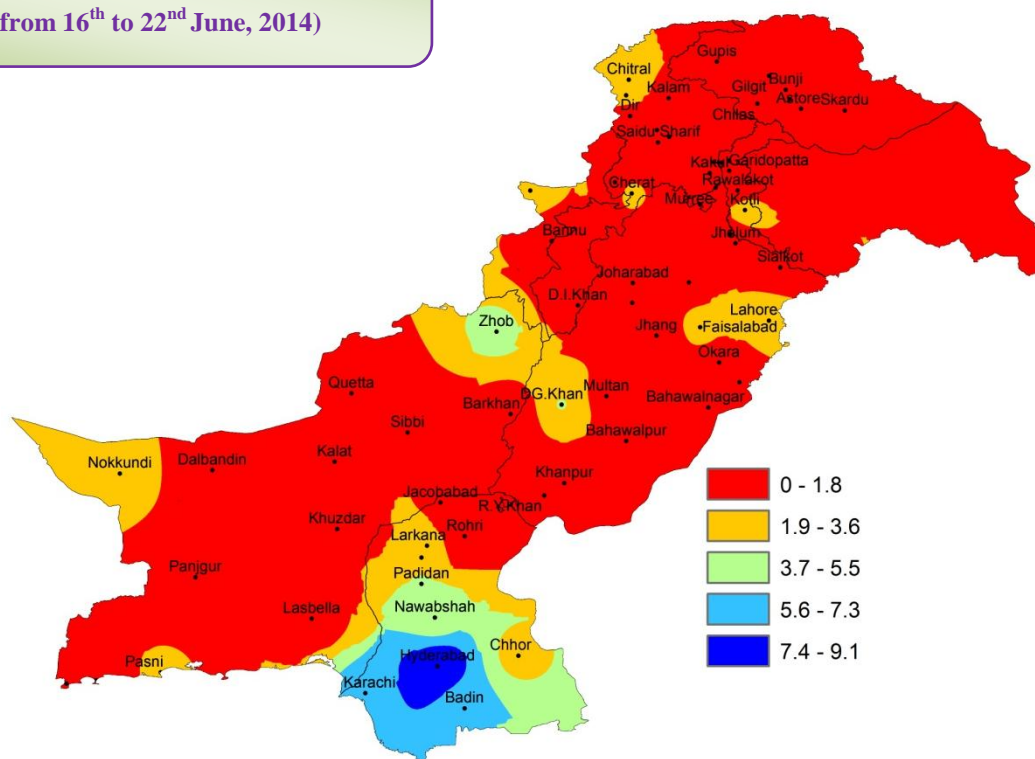
Mean Relative Humidity (%) during the  
Previous week (from 16<sup>th</sup> to 22<sup>nd</sup> June, 2014)



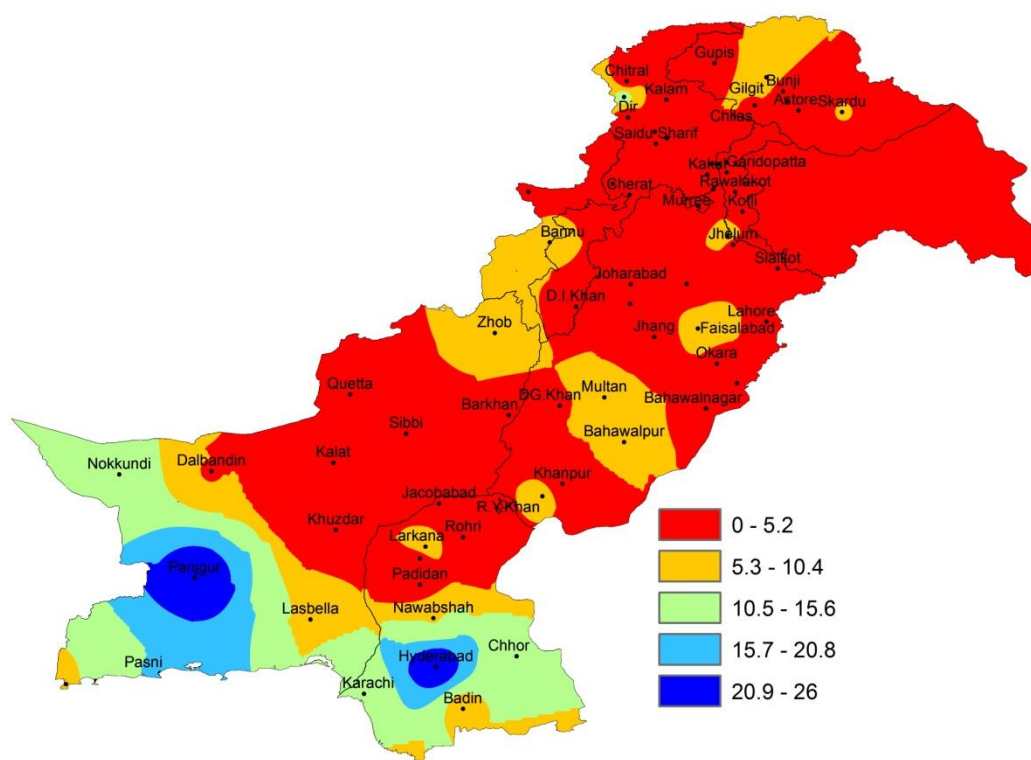
Total Growing Degree Days accumulated during the  
Previous week (from 16<sup>th</sup> to 22<sup>nd</sup> June, 2014)



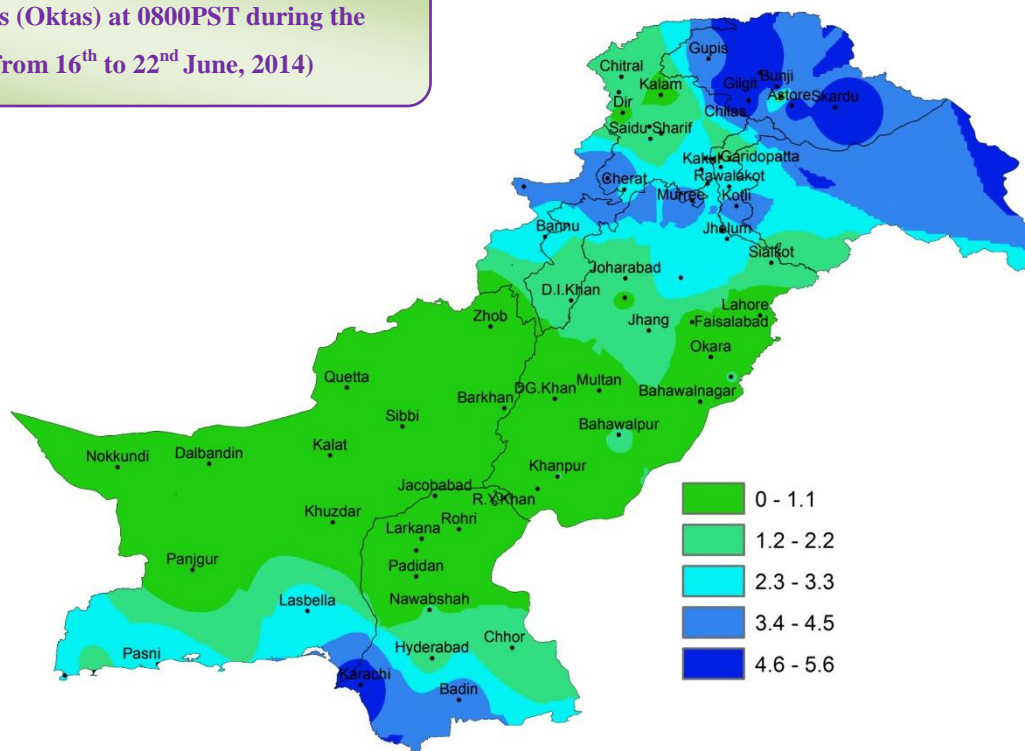
Mean Wind Speed (Knots) at 0800 PST during the  
Previous week (from 16<sup>th</sup> to 22<sup>nd</sup> June, 2014)



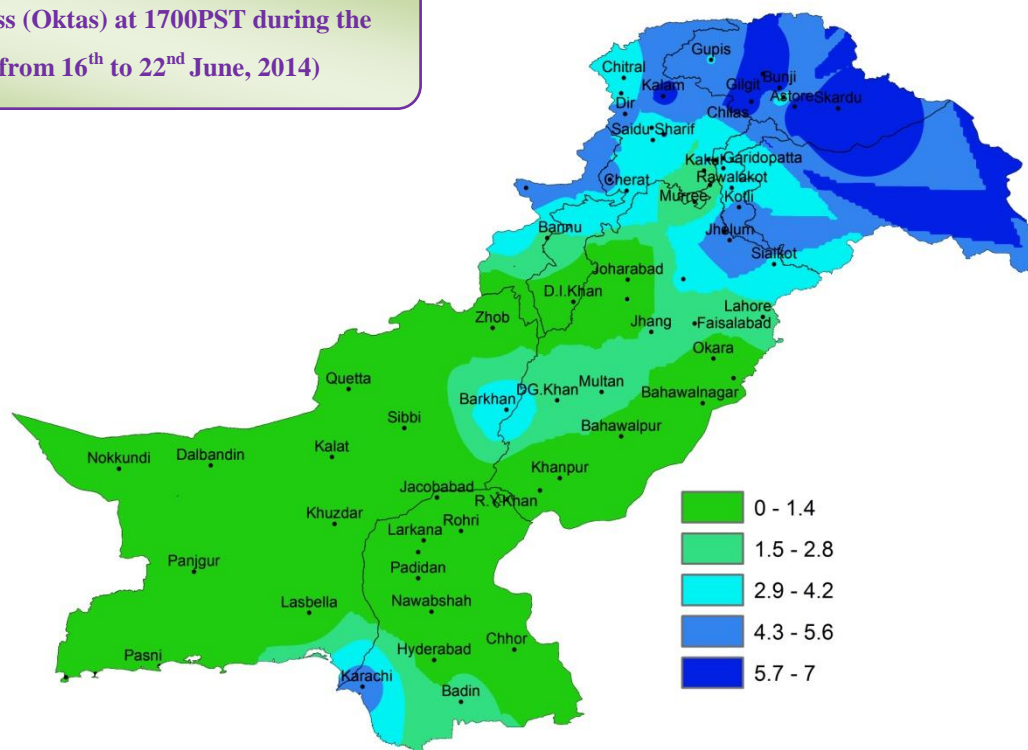
Mean Wind Speed (Knots) at 1700 PST during the  
Previous week (from 16<sup>th</sup> to 22<sup>nd</sup> June, 2014)



Mean Cloudiness (Oktas) at 0800PST during the  
Previous week (from 16<sup>th</sup> to 22<sup>nd</sup> June, 2014)



Mean Cloudiness (Oktas) at 1700PST during the  
Previous week (from 16<sup>th</sup> to 22<sup>nd</sup> June, 2014)





**Weekly Weather Advisory for Farmers**  
**(From 23<sup>rd</sup> to 29<sup>th</sup> June, 2014)**

Seasonal low is likely to prevail over northern parts of Balochistan and its adjoining areas during the week. A shallow westerly wave is present over Kashmir and its adjoining areas and likely to move eastwards during next 36 to 48 hours. Weak moist currents will continue to penetrate upper Punjab and Kashmir during the mid week.

**MONDAY 23-06-2014**

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

**TUESDAY 24-06-2014**

Mainly hot and dry weather is expected in most parts of the country. However, rain-thundershower at isolated places of Islamabad, Northeast Punjab (Rawalpindi, Gujranwala, and Lahore), Kashmir, Hazara, while at one or two places of Sargodha, Multan and Sahiwal divisions, during evening/night.

**WEDNESDAY 25-06-2014**

Mainly hot and dry weather is expected in most parts of the country. However, rain-thundershower at isolated places of Islamabad, Northeast Punjab (Rawalpindi, Gujranwala, and Lahore), Kashmir, Hazara division during evening/night.

**THURSDAY 26-06-2014**

Mainly hot and dry weather is expected in most parts of the country. However, isolated rain-thundershower (associated with gusty winds) at isolated places of Northeast Punjab (Rawalpindi,

Gujranwala, and Lahore), Kashmir, and Hazara division during evening/night.

**FRIDAY 27-06-2014**

Very Hot & Dry weather is expected in most parts of the country.

**SATURDAY 28-06-2014**

Very Hot & Dry weather is expected in most parts of the country. However, light rain is expected at isolated places of Gilgit-Baltistan.

**SUNDAY 29-06-2014**

Very Hot & Dry weather is expected in most parts of the country. However, light rain is expected at isolated places of Gilgit-Baltistan.

**Advises for Crops**

- ❖ Due to prevailing dry weather and rising day time temperature, cotton and sugarcane farmers should irrigate the crops as per requirement.
- ❖ Wheat obtained should be stored with proper treatment so that wheat may be kept for long time without any loss due to coming moist conditions during monsoon.
- ❖ Pest/viral attacks and more weeds growth are expected after recent rains on sugarcane crop. Farmers are therefore advised to take in time precautionary measures in this regard.
- ❖ Farmers of rained areas obtaining crop water through tube wells are also advised to schedule the irrigation according to the expected weather mentioned during the decade.
- ❖ Farmers of upper half of the country are advised to complete sowing of Kharif crops in time so that crop may obtain normal growing conditions during crop life cycle.

## National Weather Data of Selected Cities

(Weekly Data From 16<sup>th</sup> to 22<sup>nd</sup> June, 2014)

Stations	Maximum/Day time Temperature (°C)		Growing Deg. Days	Relative Humidity (%)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Highest						
Astore	24.1	30.0	98.0	45	5.4	7.0	0.9	3.7
Badin	38.7	39.5	205.5	62	4.1	1.6	5.4	8.0
Bahawalnagar	43.6	45.8	224.7	41	1.0	0.4	2.0	3.7
Bahawalpur	41.7	42.5	214.0	48	1.1	0.6	10.3	5.7
Balakot	35.1	38.0	165.7	46	2.6	3.0	1.3	1.9
Bannu	42.1	46.6	206.3	40	2.3	2.7	1.4	6.6
Barkhan	39.9	42.0	194.8	35	0.0	3.6	0.0	2.3
Bunji	33.1	37.2	158.6	37	5.4	6.7	2.3	2.9
Cherat	34.7	38.0	171.3	38	3.1	3.0	2.3	2.3
Chhor	40.8	42.2	210.2	61	1.1	1.0	6.6	10.9
Chilas	36.4	39.0	183.5	26	5.0	5.9	3.1	4.9
Chitral	34.8	36.8	142.8	44	1.1	3.7	0.6	2.0
D.G.Khan	43.8	45.5	222.8	49	0.3	2.4	3.4	4.9
D.I.Khan	41.9	44.5	201.8	48	1.6	0.4	2.0	2.9
Dalbandin	42.8	44.0	206.9	19	0.0	0.1	3.7	4.9
Dir	33.1	36.0	137.3	54	0.9	5.0	0.0	1.1
Drosh	35.4	37.5	148.9	32	2.0	3.6	0.0	13.6
Faisalabad	41.6	43.5	212.6	48	0.9	2.0	4.6	8.0
Garidopatta	37.6	41.1	173.3	60	2.9	2.9	0.0	0.6
Gawader	38.2	41.0	192.8	68	2.0	0.7	0.0	12.4
Gilgit	33.2	39.5	139.3	50	5.6	6.4	0.0	8.9

Gupis	26.7	32.0	106.0	45	4.1	4.1	1.1	3.4
Hyderabad	39.8	42.5	202.0	66	2.0	1.3	16.9	26.0
Islamabad	38.9	42.0	187.3	49	3.6	2.1	0.3	2.6
Jacobabad	45.4	48.0	228.3	50	0.0	0.0	2.0	2.3
Jhang	41.9	45.0	211.9	50	1.9	1.4	2.3	1.1
Jhelum	41.2	44.5	205.4	45	3.3	4.7	0.9	3.7
Jiwani	37.0	38.5	194.8	72	2.4	0.3	1.4	8.3
Joharabad	41.3	43.8	210.9	48	2.1	0.0	2.0	2.6
Kakul	33.3	36.0	147.1	58	3.1	2.7	0.3	1.7
Kalam	26.6	27.5	101.5	47	0.9	6.0	0.0	0.3
KLT	32.5	34.0	140.0	35	0.0	0.0	0.0	0.0
Karachi	36.1	37.5	196.1	69	5.0	4.7	8.6	12.0
Khanpur	42.1	43.3	217.9	55	1.1	0.0	4.0	3.1
Khuzdar	41.9	43.5	206.0	9	0.0	0.0	0.0	1.1
Kotli	37.1	41.1	180.5	56	3.7	4.6	3.0	3.9
Lahore	41.5	43.3	212.8	44	0.3	2.4	3.1	4.6
Larkana	44.7	47.0	218.8	55	0.0	0.0	6.6	7.4
Lasbella	42.4	44.0	211.4	63	2.7	0.8	0.0	10.3
Lower Dir	39.6	41.0	189.3	41	1.7	3.0	2.0	3.1
Malam Jabba	25.2	26.5	101.9	63	1.9	4.3	0.6	1.1
M.B Din	40.5	44.5	203.1	50	3.1	3.0	2.0	2.3
Mangla	40.1	44.3	198.8	51	3.0	4.4	1.7	7.1
Mir Khani	35.1	37.0	159.5	43	0.7	2.3	0.0	4.0
Moinjodaro	44.6	47.3	218.7	49	0.0	0.0	3.7	3.7
Multan	41.6	44.2	216.0	47	0.7	2.0	12.9	8.0
Murree	26.9	28.2	120.8	55	3.0	2.3	4.1	1.9

Muzaffarabad	37.6	40.5	175.1	67	2.6	2.4	0.0	1.9
Nokkundi	41.5	42.5	201.2	10	0.0	0.0	12.6	12.6
Noorpurthal	43.7	47.0	216.8	46	0.9	1.4	0.6	2.9
Okara	43.1	45.0	217.5	45	0.4	0.9	0.3	4.0
Padidan	43.1	46.5	216.5	62	0.0	0.0	2.0	2.9
Panjgur	40.5	41.0	181.5	32	0.0	0.0	7.7	24.3
Parachinar	31.7	33.0	122.1	55	3.9	5.0	6.3	3.9
Pasni	37.3	43.0	195.8	80	3.1	1.1	3.1	16.6
Peshawar	41.4	43.0	201.0	48	4.4	4.7	1.4	2.0
Quetta	35.4	37.0	***	20	0.0	0.0	0.0	0.3
Rahim Yar Khan	44.4	45.5	227.2	49	0.0	0.3	6.9	6.3
Rawalakot	28.4	30.2	119.9	78	3.0	3.0	0.0	0.3
Rohri	43.9	46.0	221.8	48	0.0	0.0	3.7	2.3
Rawalpindi	39.4	42.5	193.2	39	2.8	2.0	0.9	0.9
Sahiwal	41.9	43.3	207.7	48	1.1	0.3	2.0	4.3
Saidu Sharif	37.0	38.4	175.4	45	2.3	3.3	0.0	2.9
Sialkot	40.7	44.2	206.5	46	1.3	4.1	0.0	2.6
Sibbi	47.4	48.5	245.0	38	0.0	0.0	0.0	0.0
Skardu	27.6	33.6	111.0	42	5.0	6.1	0.0	5.3
Tandojam	39.5	42.0	201.0	67	2.4	0.4	3.1	3.1
Zhob	38.1	40.0	182.0	25	0.0	0.6	3.4	9.0

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