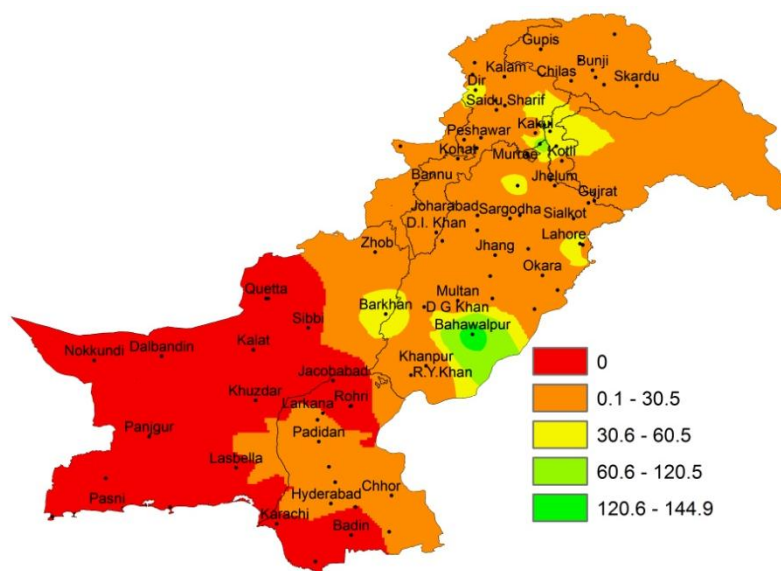


# Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the  
Previous Week (From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)**

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## Highlights of Past Weather (From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)

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 Khyber Pakhtunkhwa, Punjab and Gilgit-Baltistan & Kashmir regions.
- Light rainfall reported at few places in Balochistan and Sindh.

**Patron-in-Chief: Dr. Ghulam Rasul (Director General)**

**Chief Editor: Ch. Muhammad Aslam (Director)**

**Editor: Asma Jawad Hashmi (Deputy Director)**

**Past Weather of Provinces (From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)****Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 36.8°C & 25.1°C respectively. For the present season average 181.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 58% and wind speed in the morning/evening 1.6/2.7Knots. During the previous week the highest amount of rainfall was recorded 44.5mm at Bhakkar & highest maximum temperature was recorded 45.0°C at Bahawalpur.

**Sindh**

Light rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 40.6°C & 28.9°C respectively. For the present season average 207.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 56% and wind speed in the morning/evening recorded 4.3/6.7 Knots. During the previous week the highest amount of rainfall was recorded Chhor 42.0 mm at Jacobabad & highest maximum temperature was recorded 45.0°C at Sukkur.

**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 27.7°C & 15.8°C respectively. For the present season average 116.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 57% and wind speed in the morning/evening recorded 0.7/3.1 Knots. During the previous week the highest amount of rainfall was recorded 81.0mm at Muzaffarabad & highest maximum temperature was recorded 39.4°C at Kotli.

**Balochistan**

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 39.3°C & 24.4°C respectively. For the present season average 186.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 45% and wind speed in the morning/evening recorded 3.6/7.4 Knots. During the previous week the highest amount of rainfall was recorded 41.0mm at Barkhan & highest maximum temperature was recorded 49.0°C at Turbat.

**Khyber Pakhtunkhwa**

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 33.0°C & 19.7°C respectively. For the present season average 138.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 56% and wind speed in the morning/evening recorded 0.7/3.7 Knots. During the previous week the highest amount of rainfall was recorded 49.0 mm at dir & highest maximum temperature was recorded 42.0°C at D.I.Khan.

**Past Weather for Major Agricultural Plains  
(From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)****Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.9/3.4 Oktas while, average relative humidity observed as 51%. Mean day time temperature recorded 34.9°C & for the present season 170.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.2 Knots.

**Faisalabad (Central Punjab)**

Rainfall reported as 2.8mm during the week; however cloudiness in the morning/evening recorded 3.9/2.0 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 37.0°C & for the present season 186.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.2/1.4 Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.7/2.4 Oktas while, average relative humidity observed as 26%. Mean day time temperature recorded 34.6°C & for the present season 160.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.6/3.8 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/0.8 Oktas while, average relative humidity observed as 22%. Mean day time temperature recorded 46.9°C & for the present season 222.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.2 Knots.

**Tandojam (Lower Singh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.3/1.7 Oktas while average relative humidity observed as 65%. Mean day time temperature recorded 39.1°C & for the present season 198.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 2.2/3.4 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)****Multan**

Rainfall reported as 4.6mm during the week; however cloudiness in the morning/evening recorded 4.3/6.6 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 37.7°C & for the present season 194.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.6/2.3 Knots.

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.7/3.1 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 41.9°C & for the present season 218.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/0.6 Knots.

**Lahore**

Rainfall reported as 11.0mm during the week; however cloudiness in the morning/evening recorded 1.4/4.3 Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 36.2°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 1.9/1.6 Knots.

**Zhob**

Rainfall reported as 7.0mm during the week; however cloudiness in the morning/evening recorded 5.0/11.0 Oktas while, average relative humidity observed as 47%. Mean day time temperature recorded 35.4°C & for the present season 154.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.7/3.4 Knots.

**D.I. Khan**

Rainfall reported as 24.6mm during the week; however cloudiness in the morning/evening recorded 0.3/1.7 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 36.9 °C & for the present season 176.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.6/2.3 Knots.

**Peshawar**

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 0.9/3.1 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 37.4°C & for the present season 182.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.9/3.6Knots.

**Murree**

Rainfall reported as 85.2mm during the week; however cloudiness in the morning/evening recorded 2.3/2.3 Oktas while, average relative humidity observed as 61%. Mean day time temperature recorded 23.0°C & for the present season 95.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/4.4 Knots.

**Kalam**

Rainfall reported as 21.6mm during the week; however cloudiness in the morning/evening recorded 0.0/0.3 Oktas while, average relative humidity observed as 62%. Mean day time temperature recorded 22.6°C & for the present season 80.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.4/6.0 Knots.

**Gilgit**

Rainfall reported as 7.9mm during the week; however cloudiness in the morning/evening recorded 1.1/7.4 Oktas while, average relative humidity observed as 65%. Mean day time temperature recorded 28.1°C & for the present season 117.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.7/6.2 Knots.

**Skardu**

Rainfall reported as 22.2mm during the week; however cloudiness in the morning/evening recorded 0.0/5.1 Oktas while, average relative humidity observed as 51%. Mean day time temperature recorded 25.3°C & for the present season 97.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.3/6.4 Knots.

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

**Potohar Region (Rawalpindi)**

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

**Central Punjab (Faisalabad)**

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

**Cotton:** Good condition at *Budding* stage.

**Lower Sindh (Tandojam)**

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

**Cotton:** Good condition at *Budding* stage.

**Northern Balochistan (Quetta)**

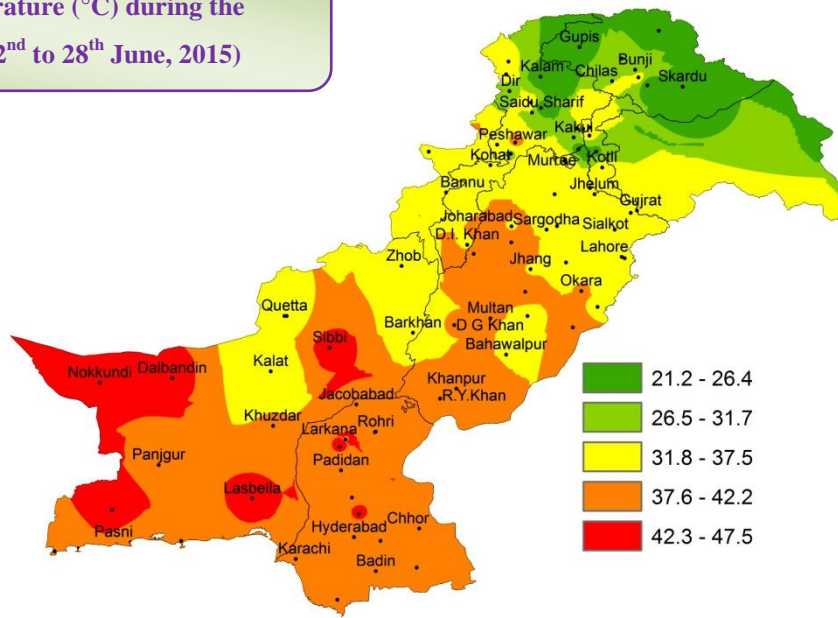
There is presently no crop grown in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

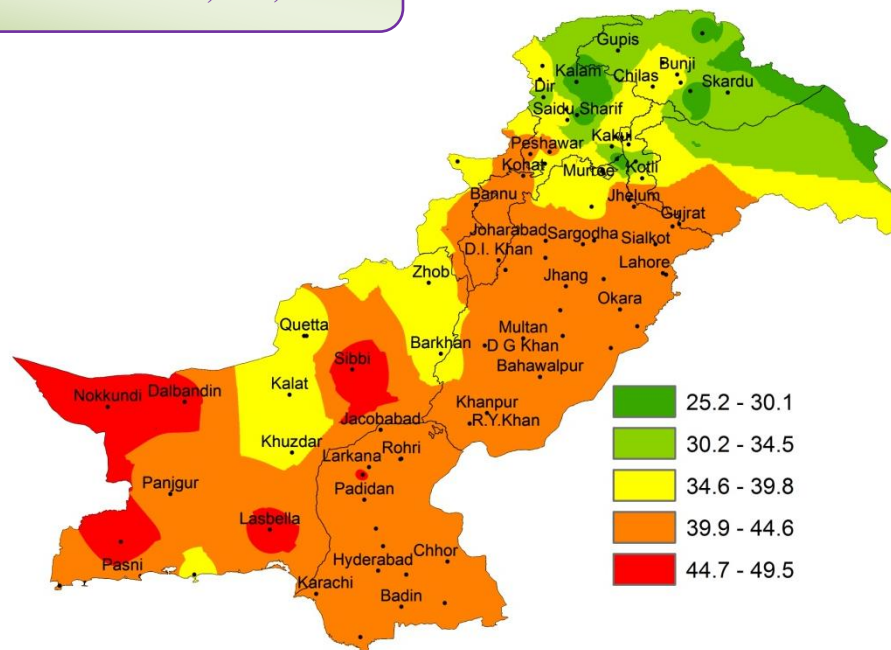
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

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

**Mean Maximum Temperature (°C) during the  
Previous Week (From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)**

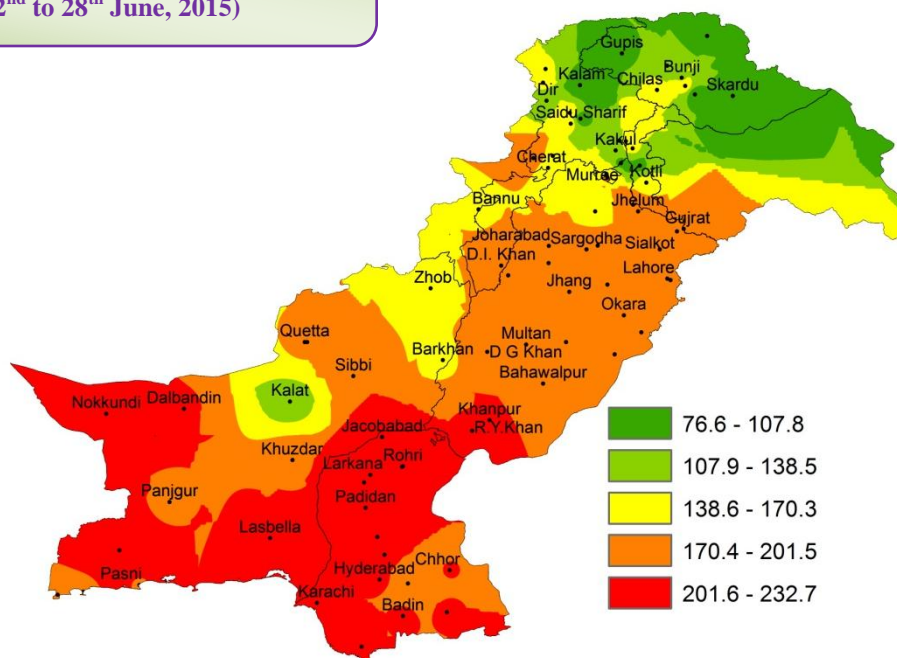


**Highest Maximum Temperature (°C) during the  
Previous Week (From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)**

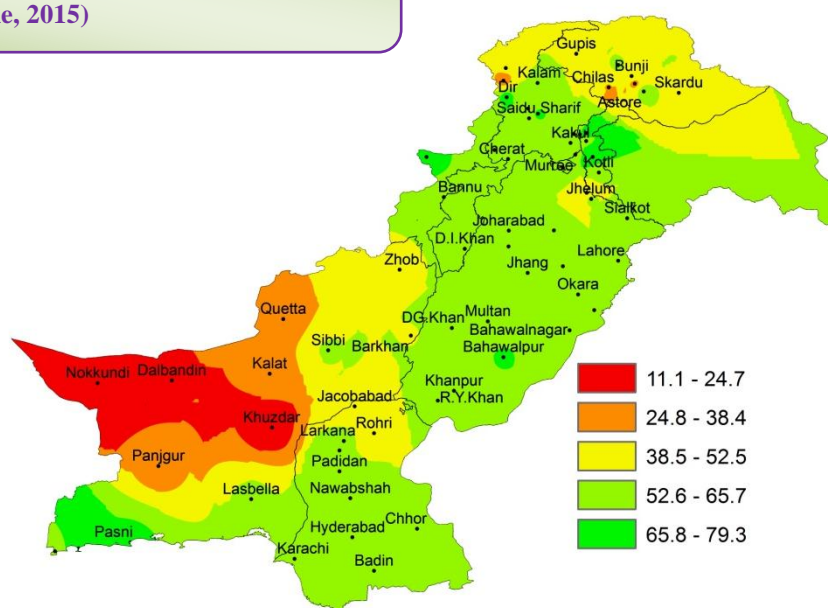




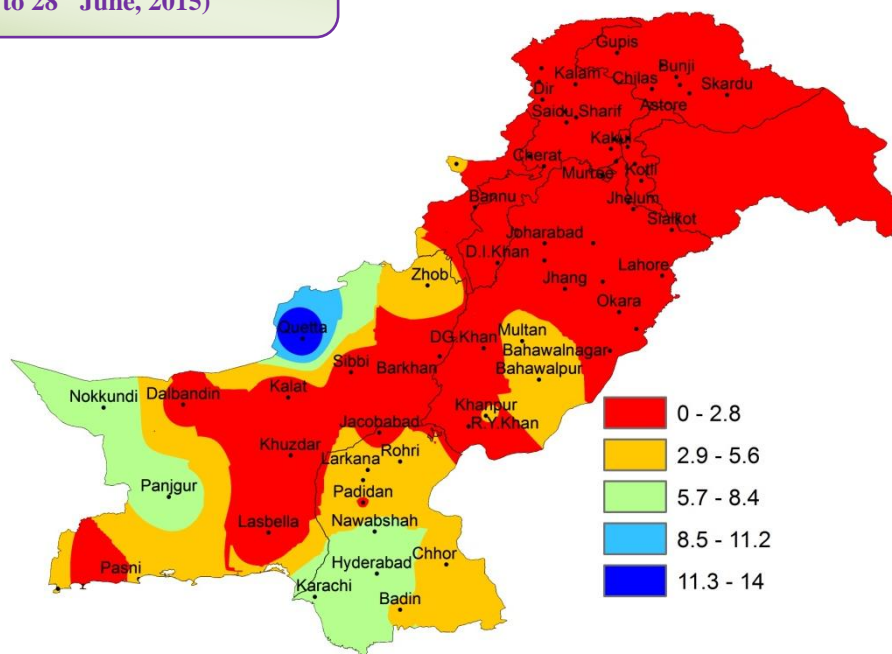
Total Growing Degree Days accumulated during the  
Previous Week (From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)



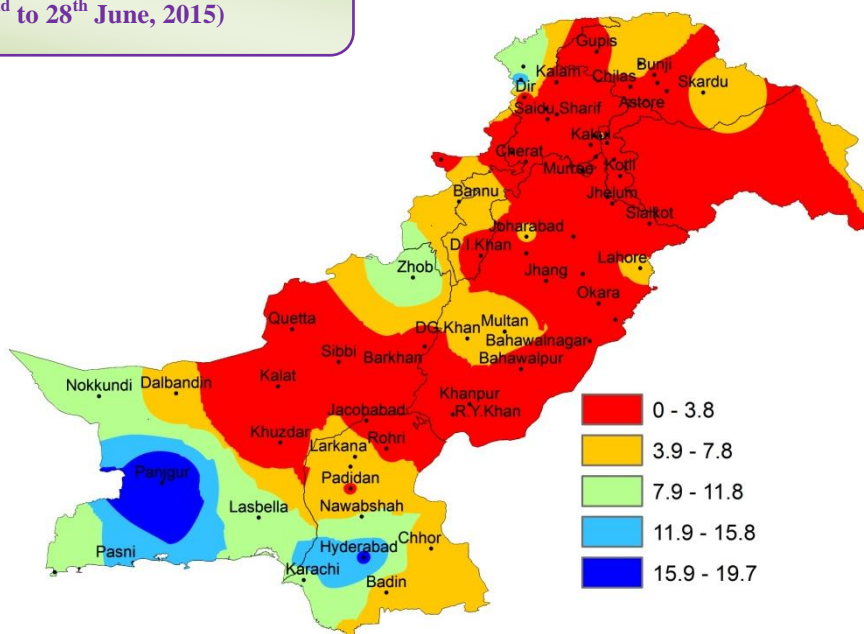
Mean Relative Humidity (%) during the Previous Week  
(From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)



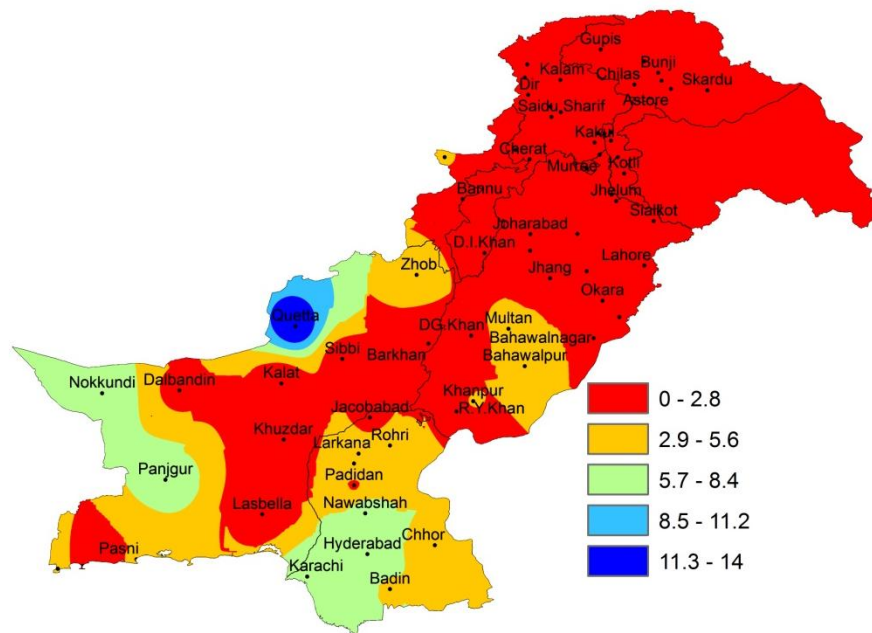
Mean Wind Speed (Knots) at 0800 PST during the  
Previous Week (From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)



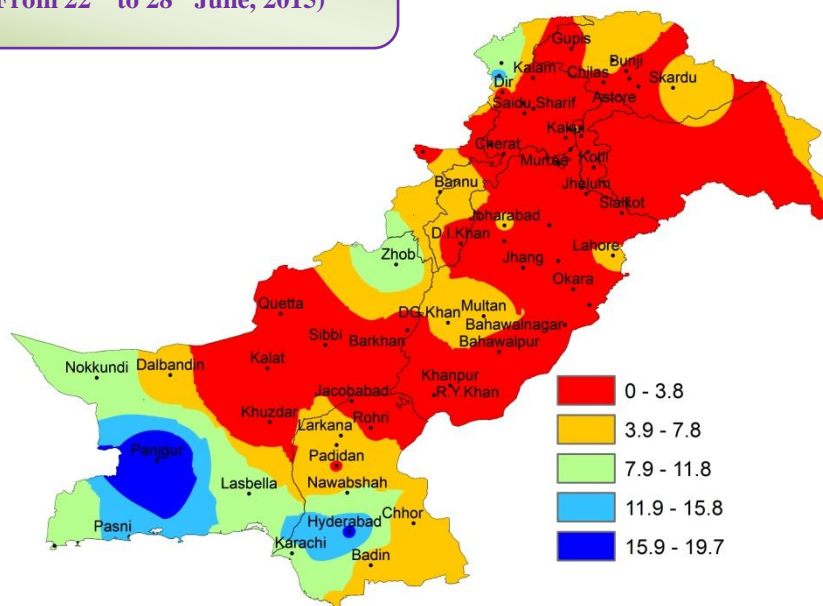
Mean Wind Speed (Knots) at 1700 PST during the  
Previous Week (From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)



### Mean Cloudiness (Oktas) at 0800PST during the Previous Week (From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)



**Mean Cloudiness (Oktas) at 1700PST during the Previous Week (From 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)**





**Weekly Weather Advisory for Farmers**  
**(From 28<sup>th</sup> Juneto4<sup>th</sup> July, 2015)**

Seasonal low lies over northwest Balochistan and its adjoining areas. A shallow trough of westerly wave is affecting Kashmir and adjoining hilly areas. Weak to moderate moist currents are likely to penetrate upper & central parts of the country from Sunday. Under the influence of this weather system, expected weather would be as follows:

**SUNDAY 28-06-2015**

Very hot and dry weather is expected in most plain areas of the country. However, rain-thundershower is expected at isolated places in upper FATA, Malakand, Hazara, Gujranwala, Lahore, Faisalabad, Rawalpindi and Sargodha divisions, Islamabad, Kashmir and Gilgit-Baltistan.

**MONDAY 29-06-2015**

Mainly hot and dry weather is expected in most plain areas of the country. However, rain-thundershower is expected at isolated places in upper FATA, Malakand, Hazara, Gujranwala, Lahore, Faisalabad, Rawalpindi and Sargodha divisions, Islamabad, Kashmir and Gilgit-Baltistan.

**TUESDAY 30-06-2015**

Mainly hot and dry weather is expected in most plain areas of the country. However, rain-thundershower with gusty winds is expected at isolated places in Kashmir, northeast Punjab (Lahore, Gujranwala, Rawalpindi, Faisalabad divisions), Malakand, Hazara divisions, upper FATA and Gilgit-Baltistan.

**WEDNESDAY 01-07-2015**

Rain-thundershower with gusty winds/dust-storm is expected at isolated places in Islamabad, Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad, Sahiwal divisions), KP (Malakand, Hazara, Kohat, Bannu, D.I.Khan divisions), Zhob division, FATA, Kashmir and Gilgit-Baltistan. Hot and humid weather expected in other parts of the country.

**THURSDAY 02-07-2015**

Rain-thundershower with gusty winds/dust-storm is expected at isolated places in Islamabad, Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad, Sahiwal divisions), KP (Malakand, Hazara, Kohat, Bannu, D.I.Khan divisions), Zhob division, FATA, Kashmir and Gilgit-Baltistan. Hot and humid weather expected in other parts of the country.

**FRIDAY 03-07-2015**

Mainly hot and dry weather is expected in most parts of the country. However rain-thundershower is expected at isolated places in Gujranwala, Lahore divisions, Kashmir and its adjoining areas.

**SATURDAY 04-07-2015**

Mainly hot and dry weather is expected in most parts of the country. However rain-thundershower is expected at isolated places in Gujranwala, Lahore divisions, Kashmir and its adjoining areas.

**ADVISES FOR CROPS**

***Cotton:*** Farmers are advised to manage irrigation practices as per weather prediction during the week.

***General Information***

- Pest/viral attacks and more weeds growth are expected after heavy rains in cotton and other standing crops in upper parts of the country. Farmers are therefore advised to take in time precautionary measures in this regard.
- Due to prevailing dry weather and rising day time temperature, cotton and sugarcane farmers should irrigate the crops as per requirement.
- 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 22<sup>nd</sup> to 28<sup>th</sup> June, 2015)**

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	21.0	25.5	75.6	60	27.6	4.7	5.3	0.3	1.1
Badin	38.6	41.0	205.1	60	0.0	5.0	4.1	5.3	5.4
Bahawalnagar	38.3	43.0	195.9	57	11.0	2.6	1.7	2.3	3.1
Bahawalpur	37.5	42.0	189.8	66	145.0	1.9	1.0	3.1	1.1
Balakot	31.6	36.5	137.4	56	10.7	3.3	5.4	0.0	0.4
Bannu	36.3	40.3	165.9	61	27.5	3.7	4.7	0.6	7.7
Barkhan	34.6	37.5	163.0	52	41.0	1.9	3.9	0.0	2.3
Bunji	27.9	34.4	132.7	47	2.6	6.3	6.3	0.7	2.0
Cherat	30.2	34.5	146.3	60	6.0	2.4	4.3	2.3	2.3
Chhor	40.0	43.0	202.2	61	4.3	4.6	2.3	3.7	5.7
Chilas	31.7	37.5	151.9	38	4.8	3.4	5.6	1.1	2.3
Chitral	32.9	35.0	142.4	40	0.0	1.4	4.6	0.3	10.0
D.I.Khan	36.9	42.0	176.5	60	24.6	5.6	2.3	0.3	1.7
Dalbandin	43.4	45.0	204.0	23	0.0	0.0	0.0	2.0	4.3
DG.Khan	37.8	42.2	192.5	63	28.0	2.1	1.3	1.4	4.6
Dir	29.3	33.0	114.8	72	49.0	3.1	6.1	0.0	2.1
Drosh	33.5	36.0	147.3	32	0.4	1.6	3.3	0.0	13.9
Faisalabad	37.0	41.0	168.0	53	2.8	3.9	2.0	1.2	1.4
Garidopatta	33.2	38.5	147.1	63	50.0	2.7	4.3	0.0	2.0
Gawader	38.9	40.5	196.8	73	0.0	0.4	0.3	1.3	10.1
Gilgit	28.1	35.0	117.8	55	7.9	5.7	6.4	1.1	7.4
Gupis	23.7	31.5	95.8	49	16.0	4.3	5.4	1.4	3.1

Hyderabad	40.0	41.5	206.5	61	0.0	4.0	3.3	8.3	16.3
Islamabad	35.0	39.0	166.1	55	15.0	2.4	3.4	0.3	1.4
Jacobabad	41.6	44.0	220.3	50	0.0	0.0	0.3	2.0	2.3
Jhang	37.4	41.2	179.8	61	18.4	4.6	2.4	0.9	1.4
Jhelum	37.1	42.5	182.1	53	1.1	2.4	3.6	0.6	2.9
Jiwani	37.8	41.0	197.0	60	0.0	1.3	0.0	4.6	8.6
Joharabad	37.3	41.5	183.9	61	24.7	3.7	3.1	1.4	4.4
Kakul	29.9	34.0	127.9	59	18.8	2.7	5.1	0.6	2.0
Kalam	22.6	27.0	80.1	62	21.6	2.4	6.0	0.0	0.3
Kalat	32.0	35.0	116.5	30	0.0	0.0	0.9	0.0	0.0
Karachi	38.4	42.5	207.8	65	0.0	3.9	4.0	7.1	11.7
Khanpur	39.7	41.5	202.1	60	0.7	1.7	0.9	2.9	1.1
Khuzdar	37.9	39.5	196.3	15	0.0	0.0	0.9	0.0	2.0
Kotli	34.2	39.4	162.4	54	26.4	2.6	4.3	2.7	2.6
Lahore	36.2	41.0	185.6	55	11.0	1.9	1.6	1.4	4.3
Larkana	42.2	44.0	226.3	53	0.0	1.0	1.4	4.0	6.3
Lasbella	43.4	45.5	209.3	57	0.0	3.3	0.5	1.1	10.0
Lower Dir	35.6	38.5	166.8	51	9.0	0.7	5.6	2.9	3.4
M.B Din	36.9	42.5	79.5	54	13.8	1.7	2.3	0.9	2.3
Malam Jabba	20.9	25.0	180.5	69	30.0	2.7	5.6	0.0	0.0
Mangla	37.3	41.5	174.9	49	2.8	2.3	3.7	0.0	2.3
Mir Khani	36.5	37.5	166.2	33	0.0	0.4	3.6	0.0	3.0
Moinjodaro	42.4	45.0	215.4	52	0.0	0.3	1.0	4.6	6.0
Multan	37.7	41.5	194.2	58	4.6	3.6	2.3	4.3	6.6
Murree	23.0	26.2	95.9	61	85.2	2.3	4.4	2.3	2.3
Muzaffarabad	32.0	36.8	140.8	67	81.0	2.6	5.9	0.3	5.1

Nawabshah	42.1	44.0	216.2	53	0.0	0.4	1.0	7.3	7.9
Nokkundi	43.6	46.5	227.0	11	0.0	0.0	0.0	8.0	10.9
Noorpurthal	39.6	44.0	192.8	57	11.3	3.0	3.4	0.3	1.4
Okara	37.6	42.5	190.6	58	6.2	3.4	1.3	1.1	2.0
Padidan	40.8	42.0	212.3	57	0.1	1.1	0.7	2.6	3.4
Panjgur	39.9	42.0	196.5	31	0.0	0.0	0.0	7.1	19.7
Parachinar	34.7	37.0	***	72	17.0	4.3	5.3	3.0	3.0
Pasni	38.6	41.5	200.3	70	0.0	2.6	0.0	2.9	15.1
Pattan	31.9	38.0	***	68	27.0	2.6	4.7	0.0	2.3
Peshawar	37.4	41.0	182.3	53	0.2	1.9	3.6	0.9	3.1
Quetta	34.6	39.0	160.2	26	0.0	2.7	2.4	3.6	3.8
R.Y.Khan	41.3	44.2	207.8	55	2.2	2.3	0.4	2.3	1.7
Rawalakot	25.1	30.0	95.3	80	40.9	2.6	4.1	0.0	0.9
Rohri	41.9	43.0	218.3	50	0.0	0.9	0.6	3.7	3.1
Rawalpindi	34.9	39.4	170.3	51	0.0	1.9	3.4	0.0	0.2
Sahiwal	37.2	41.5	182.4	59	18.1	3.6	2.3	1.4	2.0
Saidu Sharif	31.9	35.5	151.0	63	12.0	3.1	6.4	0.3	3.0
Sialkot	36.2	41.5	179.2	57	0.5	2.4	3.1	0.9	1.1
Sibbi	44.1	48.0	196.8	54	0.0	1.9	1.1	0.9	1.4
Skardu	25.3	31.2	97.8	51	22.2	5.3	6.4	0.0	5.1
Tandojam	39.1	41.5	198.3	65	0.0	3.3	1.7	2.2	3.4
Usta.M	46.9	48.5	222.8	22	0.0	0.6	0.8	0.1	0.2
Zhob	35.4	37.5	156.5	47	7.0	2.7	3.4	5.0	11.0

\*\*\* " Shows the data is not available.