

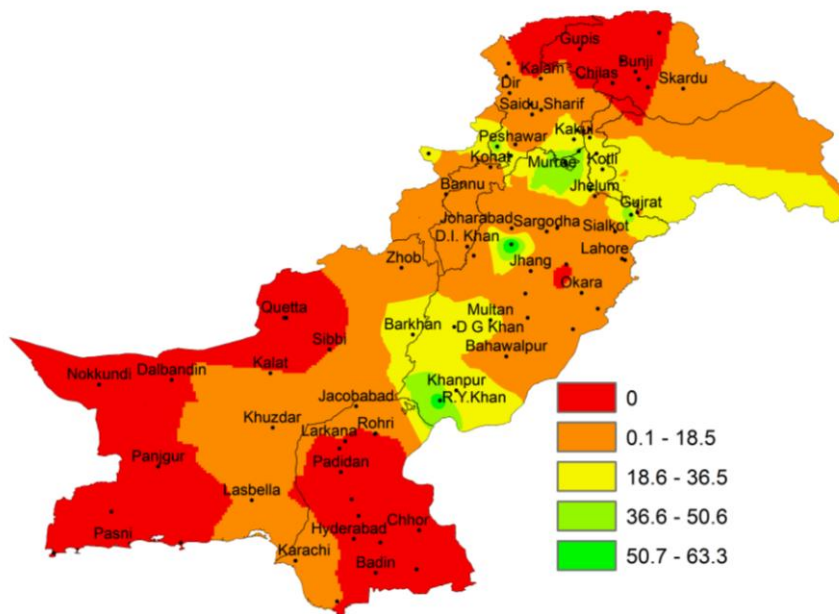
# Weekly Weather and Crop Bulletin for Pakistan

**NATIONAL AGROMET  
CENTRE PAKISTAN  
METEOROLOGICAL  
DEPARTMENT SECTOR H-8/2,  
ISLAMABAD.**

**Phone: +92-51-9250592**

**Email: [info@namc.pmd.gov.pk](mailto:info@namc.pmd.gov.pk)**

**Rainfall Distribution (mm )during the  
Previous Week (From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)**



## Contents

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: Dr. Ghulam Rasul (Director General)**

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

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

## **Highlights of Past Weather (From 29<sup>th</sup> June to 5<sup>th</sup> July, 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.

**Past Weather of Provinces (From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)****Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 37.3°C & 26.6°C respectively. For the present season average 176.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 60% and wind speed in the morning/evening 1.8/3.0 Knots. During the previous week the highest amount of rainfall was recorded 63.0 mm at Noorpur Thal & highest maximum temperature was recorded 43.5°C at Okara.

**Sindh**

Light rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 39.0°C & 28.9°C respectively. For the present season average 167.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 56% and wind speed in the morning/evening recorded 7.8/10.0 Knots. During the previous week the highest amount of rainfall was recorded 0.1mm at Karachi & highest maximum temperature was recorded 46.3°C at Larkana.

**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 32.0°C & 18.9°C respectively. For the present season average 105.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 48% and wind speed in the morning/evening recorded 0.9/3.7 Knots. During the previous week the highest amount of rainfall was recorded 26.0mm at Garhi Dopatta & highest maximum temperature was recorded 37.9°C at Chilas.

**Balochistan**

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 38.7°C & 25.3°C respectively. For the present season average 142.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 44% and wind speed in the morning/evening recorded 1.7/6.6 Knots. During the previous week the highest amount of rainfall was recorded 27.0mm at Barkhan & highest maximum temperature was recorded 47.0°C at Sibbi.

**Khyber Pakhtunkhwa**

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 35.0°C & 21.3°C respectively. For the present season average 121.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 55% and wind speed in the morning/evening recorded 0.8/3.4 Knots. During the previous week the highest amount of rainfall was recorded 44.0 mm at Risalpur & highest maximum temperature was recorded 44.0°C at Risalpur.

**Past Weather for Major Agricultural Plains  
(From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 25.0mm during the week; however cloudiness in the morning/evening recorded 3.3/2.9 Oktas while, average relative humidity observed as 63%. Mean day time temperature recorded 37.5°C & for the present season 181.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.2/0.9Knots.

**Faisalabad (Central Punjab)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/3.3 Oktas while, average relative humidity observed as 52%. Mean day time temperature recorded 39.8°C & for the present season 201.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.0Knots.

**Quetta (Northern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.3/4.1 Oktas while, average relative humidity observed as 28%. Mean day time temperature recorded 36.1°C & for the present season 173.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/3.8 Knots.

**Usta Muhammad (Eastern Balochistan)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 28%. Mean day time temperature recorded 47.6°C & for the present season 229.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.9/4.6 Knots.

**Tandojam (Lower Sindh)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.3/0.0 Oktas while, average relative humidity observed as 67%. Mean day time temperature recorded 39.8°C & for the present season 201.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 3.6/7.4 Knots.

**Past Weather for Sub-Regional Agricultural  
Plains (From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)****Multan**

Rainfall reported as 25.2mm during the week; however cloudiness in the morning/evening recorded 3.4/1.9 Oktas while, average relative humidity observed as 57%. Mean day time temperature recorded 36.5°C & for the present season 180.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.1/7.1 Knots.

**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.4/1.1 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 39.2°C & for the present season 183.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 6.3/2.3 Knots.

**Lahore**

Rainfall reported as 19.6mm during the week; however cloudiness in the morning/evening recorded 2.7/3.3 Oktas while, average relative humidity observed as 58%. Mean day time temperature recorded 34.6°C & for the present season 179.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/3.7 Knots.

**Zhob**

Rainfall reported as 10.2mm during the week; however cloudiness in the morning/evening recorded 2.0/4.6 Oktas while, average relative humidity observed as 42%. Mean day time temperature recorded 44.4°C & for the present season 115.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.1/6.4 Knots.

**D.I. Khan**

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 0.0/2.0 Oktas while, average relative humidity observed as 61%. Mean day time temperature recorded 35.8°C & for the present season 152.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.7 Knots.

**Peshawar**

Rainfall reported as 40.0mm during the week; however cloudiness in the morning/evening recorded 2.0/0.9 Oktas while, average relative humidity observed as 63%. Mean day time temperature recorded 39.2°C & for the present season 163.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.3 Knots.

**Murree**

Rainfall reported as 40.3mm during the week; however cloudiness in the morning/evening recorded 3.6/5.4 Oktas while, average relative humidity observed as 74%. Mean day time temperature recorded 35.4°C & for the present season 94.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.4 Knots.

**Kalam**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/3.6 Oktas while, average relative humidity observed as 59%. Mean day time temperature recorded 38.1°C & for the present season 57.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/3.4 Knots.

**Gilgit**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.4/2.4 Oktas while, average relative humidity observed as 38%. Mean day time temperature recorded 37.6°C & for the present season 94.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/5.7 Knots.

**Skardu**

Rainfall reported as 3.1mm during the week; however cloudiness in the morning/evening recorded 2.3/3.0 Oktas while, average relative humidity observed as 41%. Mean day time temperature recorded 35.9°C & for the present season 61.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.6 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 completed.

**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)**

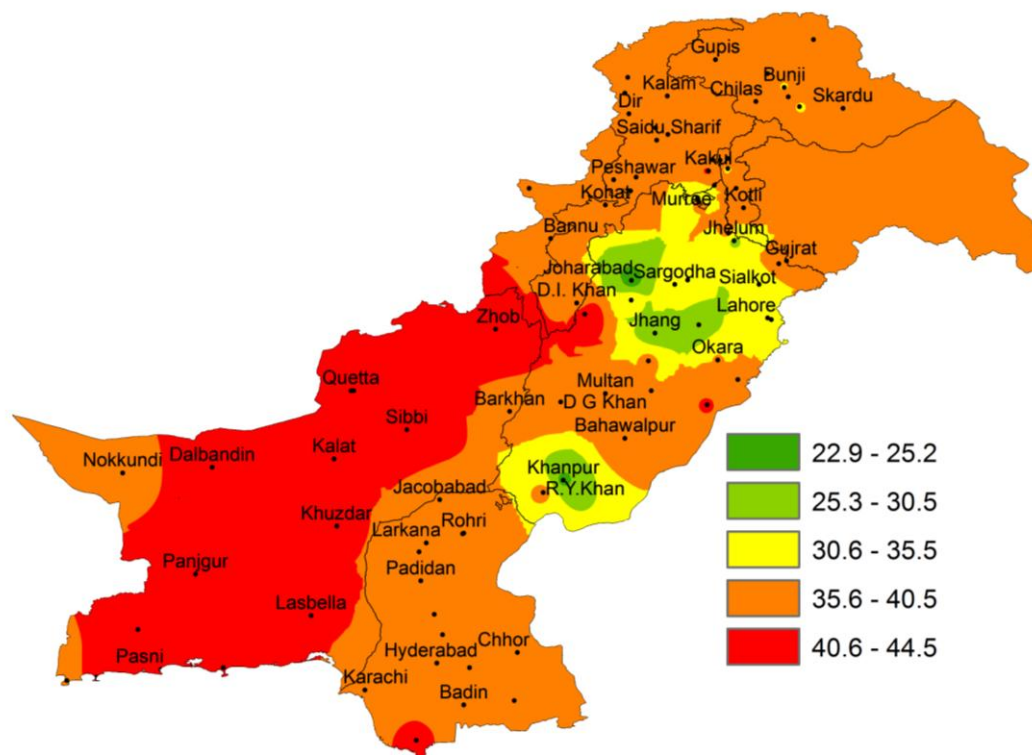
There is presently no crop grown in the fields of RAMC Quetta.

**Eastern Balochistan (Usta Muhammad)**

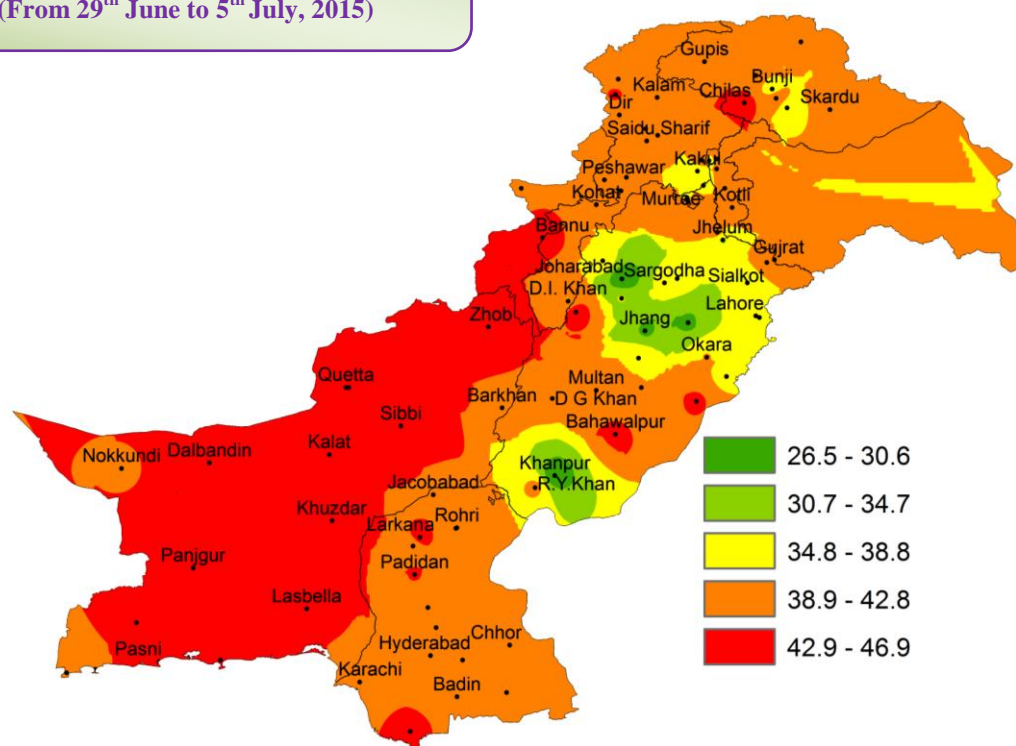
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

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

Mean Maximum Temperature (°C) during the  
Previous Week (From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)

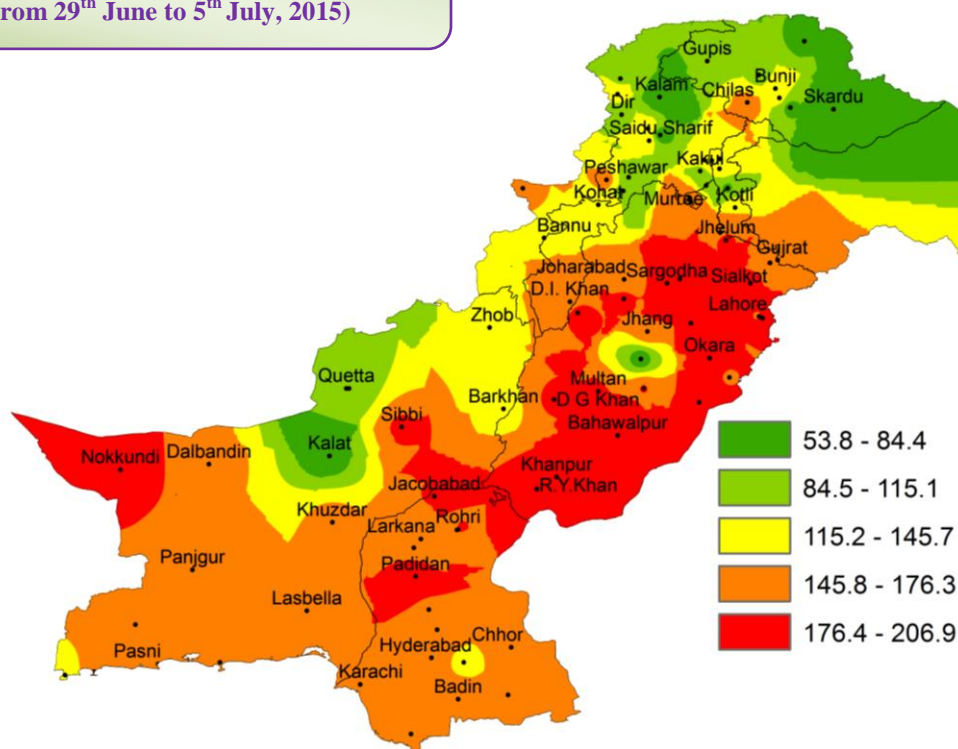


Highest Maximum Temperature (°C) during the  
Previous Week (From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)

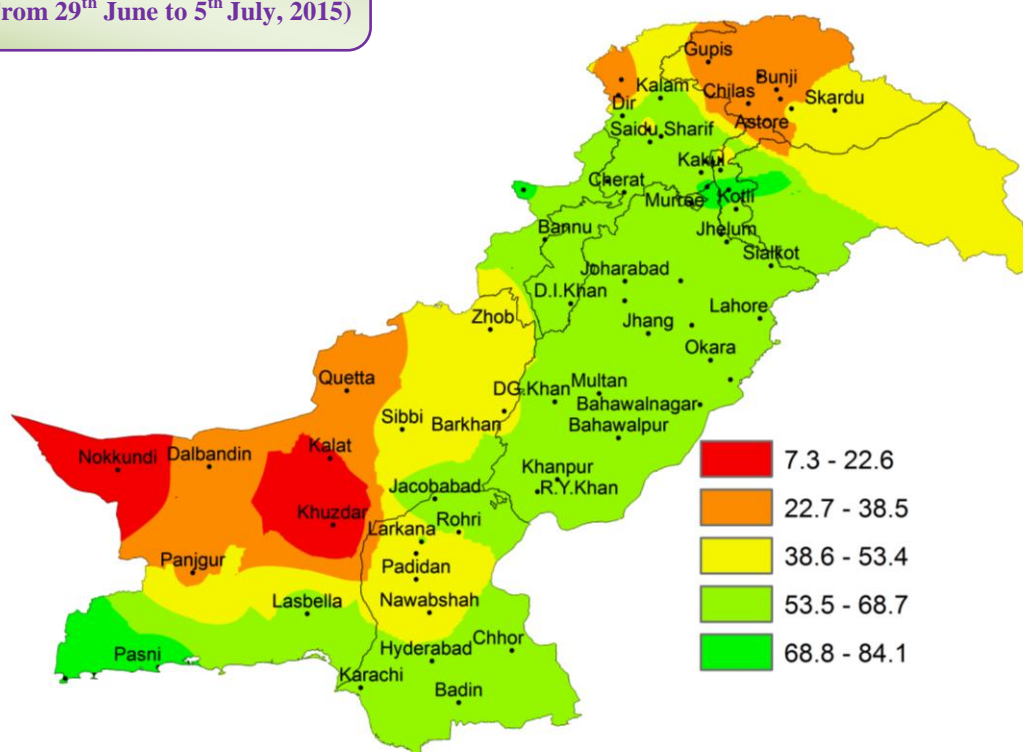




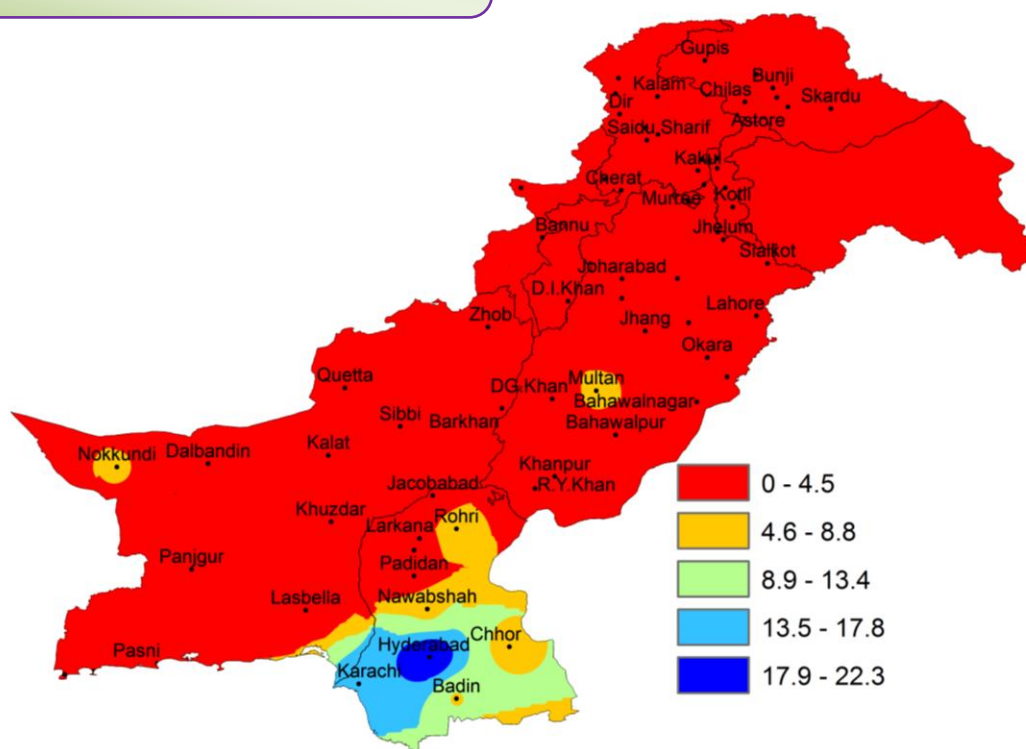
Total Growing Degree Days accumulated during the  
Previous Week (From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)



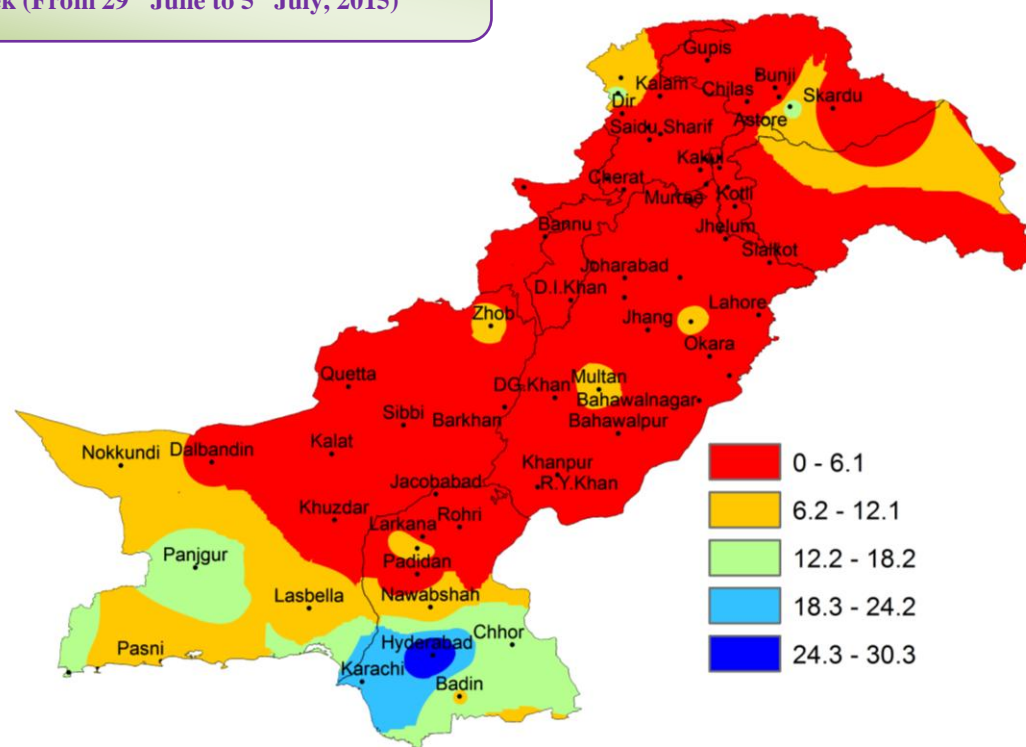
Mean Relative Humidity (%) during the  
Previous Week (From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)



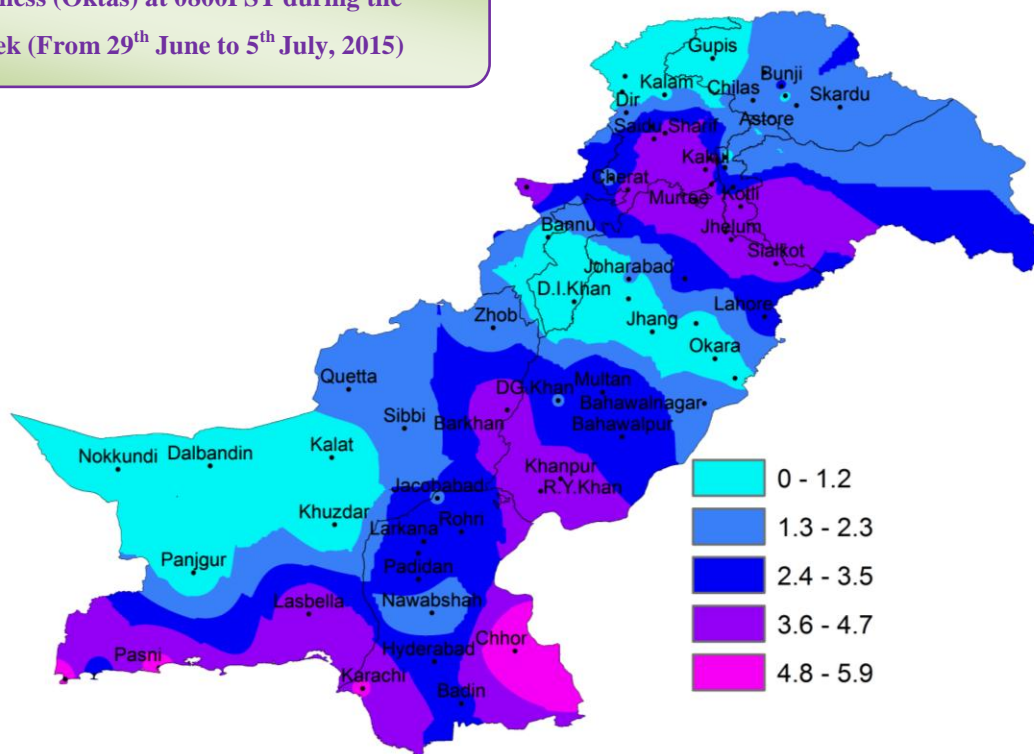
Mean Wind Speed (Knots) at 0800 PST during the  
Previous Week (From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)



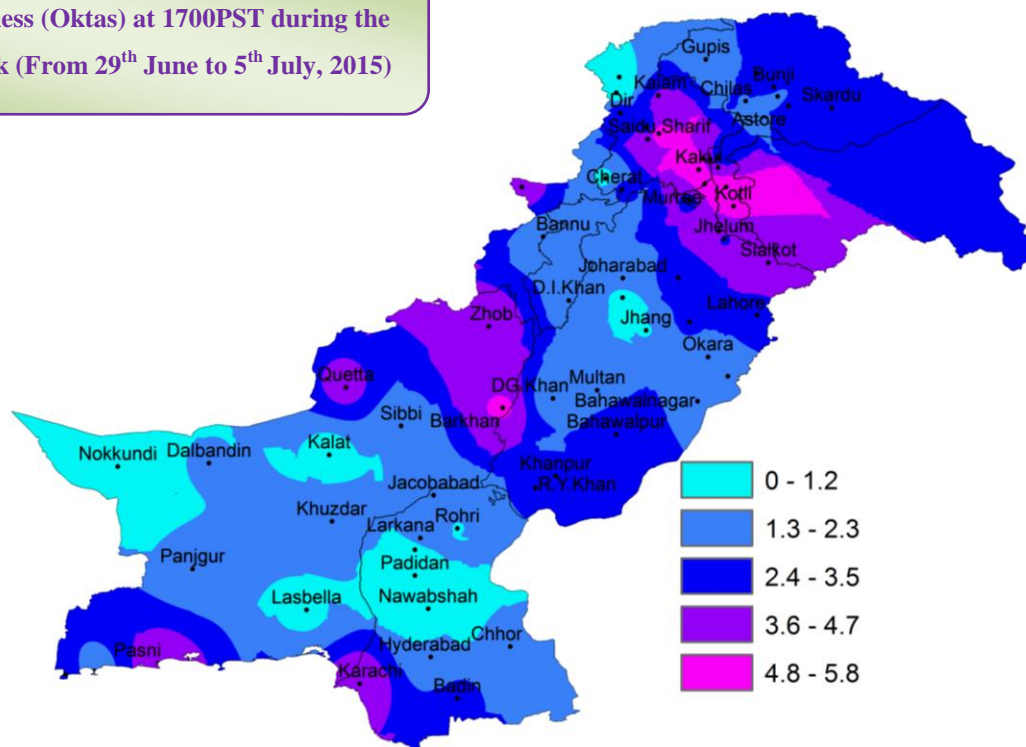
Mean Wind Speed (Knots) at 1700 PST during the  
Previous Week (From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)



Mean Cloudiness (Oktas) at 0800PST during the  
Previous Week (From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)



Mean Cloudiness (Oktas) at 1700PST during the  
Previous Week (From 29<sup>th</sup> June to 5<sup>th</sup> July, 2015)





## **Weekly Weather Advisory for Farmers** **(From 5<sup>th</sup> to 11<sup>st</sup> July, 2015)**

Seasonal low lies over north Balochistan and adjoining areas with its trough extending northeastwards. Penetration of moist currents into central and upper parts of the country is expected to increase from today (evening/night) and likely to continue during next few days.

### **SUNDAY 05-07-2015**

Rain-thundershower is expected at scattered places in Hazara, Rawalpindi, Lahore, Gujranwala, Sahiwal divisions, Islamabad and Kashmir, while at isolated places in Malakand division and Gilgit-Baltistan. Very hot and humid weather is expected elsewhere in the country.

### **MONDAY 06-07-2015**

Rain-thundershower is expected at scattered places in Hazara, Rawalpindi, Lahore, Gujranwala, Sahiwal divisions, Islamabad and Kashmir, while at isolated places in Malakand division and Gilgit-Baltistan. Very hot and humid weather is expected elsewhere in the country.

### **TUESDAY 07-07-2015**

Rain-thundershower is expected at scattered places in Kashmir, Islamabad, Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad, Sahiwal, D.G Khan, Multan divisions), Hazara division, while at isolated places in KP (Malakand, Peshawar, Kohat, Mardan, D.I Khan, Bannu divisions), Zhob division and FATA. Isolated heavy falls are also expected in Kashmir, Rawalpindi Lahore and Gujranwala divisions. Hot and humid weather is expected elsewhere in the country.

### **WEDNESDAY 08-07-2015**

Rain-thundershower is expected at scattered places in Kashmir, Islamabad, Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad, Sahiwal, D.G Khan, Multan divisions), Hazara division, while at isolated places in KP (Malakand, Peshawar, Kohat, Mardan, D.I Khan, Bannu divisions), Zhob division and FATA. Isolated heavy falls are also expected in Rawalpindi, Lahore and Gujranwala divisions. Hot and humid weather is expected elsewhere in the country.

### **THURSDAY 09-07-2015**

Rain-thundershower is expected at scattered places in Kashmir, Islamabad, Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad, Sahiwal, D.G Khan, Multan divisions), Hazara division, while at isolated places in KP (Malakand, Peshawar, Kohat, Mardan, D.I

Khan, Bannu divisions), FATA and Gilgit-Baltistan. Isolated heavy falls are also expected in Lahore and Gujranwala divisions. Hot and humid weather is expected elsewhere in the country.

### **FRIDAY 10-07-2015**

Rain-thundershower is expected at scattered places in Kashmir, Islamabad, Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad, Sahiwal, D.G Khan, Multan divisions), Hazara division, while at isolated places in KP (Malakand, Peshawar, Kohat, Mardan, Bannu divisions), FATA and Gilgit-Baltistan. Isolated heavy falls are also expected in Lahore division. Hot and humid weather is expected in other parts of the country.

### **SATURDAY 11-07-2015**

Rain-thundershower is expected at scattered places in Kashmir, Islamabad, Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Sahiwal, divisions), Hazara division, while at isolated places in KP (Malakand, Peshawar, Kohat, Mardan, Bannu divisions), FATA and Gilgit-Baltistan. Hot and humid weather is expected in other parts of the country.

## **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 29<sup>th</sup> June to 5<sup>th</sup> July, 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	35.2	36.5	69.0	42	0.0	2.3	3.3	1.1	15.6
Badin	37.8	40.0	168.0	64	0.0	3.4	2.7	8.6	11.7
Bahawalnagar	40.8	43.5	207.0	54	1.0	1.9	2.0	2.6	3.4
Bahawalpur	40.5	43.5	182.2	65	8.1	2.9	3.4	3.7	3.7
Balakot	37.6	41.5	130.9	56	23.4	3.6	4.7	0.0	0.6
Bannu	39.4	45.0	139.8	58	0.0	0.7	1.6	0.9	5.4
Barkhan	39.0	41.5	130.5	51	27.0	4.4	4.9	0.0	1.7
Bunji	35.0	36.5	137.8	28	0.0	2.7	3.4	0.9	1.7
Cherat	37.8	39.5	104.8	60	38.0	4.4	2.6	3.4	2.9
Chhor	40.1	42.5	164.2	68	0.0	5.9	1.3	7.4	12.6
Chilas	40.3	44.7	158.0	25	0.0	1.9	2.3	4.0	2.3
Chitral	38.0	41.0	111.5	37	0.0	0.0	0.7	1.1	6.0
D.I.Khan	35.8	38.5	152.8	61	0.1	0.0	2.0	0.3	1.7
Dalbandin	42.6	46.0	163.0	29	0.0	0.3	1.3	1.7	5.1
DG.Khan	39.5	41.0	181.3	62	20.3	2.3	1.6	2.0	5.1
Dir	37.8	38.7	92.5	67	3.0	1.7	3.3	0.0	2.0
Drosh	39.7	43.6	127.9	28	0.0	0.0	0.3	0.0	15.7
Faisalabad	39.8	42.0	201.7	52	0.0	1.0	3.3	1.1	2.0
Garidopatta	35.2	39.0	136.3	60	26.0	2.4	4.0	0.0	1.1
Gawader	41.5	42.5	153.0	70	0.0	3.0	1.7	0.7	10.1
Gilgit	37.6	40.5	94.5	38	0.0	1.4	2.4	1.4	5.7
Gupis	35.8	40.5	89.0	34	0.0	0.0	1.9	0.9	1.4

Hyderabad	38.2	40.1	169.1	56	0.0	3.1	1.3	22.3	30.3
Islamabad	30.1	36.0	158.7	64	37.2	3.9	3.1	0.0	2.0
Jacobabad	38.4	42.0	178.8	57	0.1	2.3	1.4	1.7	1.7
Jhang	26.7	30.0	175.7	55	0.0	0.9	1.1	1.4	1.1
Jhelum	28.9	34.0	180.9	60	5.0	3.7	3.3	1.7	4.9
JWN	39.1	41.6	136.3	74	0.0	5.1	2.9	2.9	17.1
Joharabad	22.9	26.5	170.8	62	0.1	1.3	1.9	1.7	1.4
Kakul	31.5	36.0	109.2	63	22.9	3.9	5.1	0.0	1.1
Kalam	38.1	41.0	57.0	59	0.0	1.0	3.6	0.0	3.4
Kalat	41.1	44.5	65.0	22	0.0	0.0	0.6	0.0	0.0
Karachi	38.0	40.5	176.3	65	0.1	4.7	4.6	15.4	18.3
Khanpur	24.2	27.1	183.7	66	21.1	3.9	2.4	1.1	1.1
Khuzdar	41.9	45.5	159.0	7	2.8	0.6	2.1	0.0	1.7
Kotli	38.6	42.0	143.3	60	19.0	4.7	5.1	1.6	2.4
Lahore	34.6	38.0	179.0	58	19.6	2.7	3.3	0.6	3.7
Larkana	38.8	44.0	154.5	54	0.0	3.1	2.0	3.4	4.3
Lasbella	41.7	45.0	161.5	59	0.0	4.3	0.9	0.3	10.6
Lower Dir	38.3	40.6	149.5	48	0.0	3.0	2.4	0.9	3.1
M.B Din	31.5	36.0	183.8	55	1.1	2.7	3.0	1.1	2.3
Malam Jabba	38.9	42.0	52.0	66	13.0	3.9	5.6	0.0	0.0
Mangla	37.4	41.0	171.7	59	41.1	4.0	4.4	2.3	4.6
Mir Khani	38.9	42.5	126.2	31	0.0	0.7	1.1	0.0	3.1
Moinjodaro	38.1	41.0	176.7	45	0.0	2.6	0.4	3.7	8.9
Multan	36.5	40.5	180.8	57	25.2	3.4	1.9	5.1	7.1
Murree	35.4	38.0	94.3	74	40.3	3.6	5.4	0.3	1.4
Muzaffarabad	35.3	37.5	118.0	66	15.0	4.1	4.3	0.3	0.6

Nawabshah	38.2	40.8	174.8	49	0.0	1.7	0.7	8.0	9.3
Nokkundi	38.8	42.5	193.8	8	0.0	0.0	0.0	4.6	7.4
Noorpurthal	33.7	35.0	177.8	58	63.3	0.0	0.9	0.6	0.6
Okara	35.7	38.9	192.3	54	0.0	0.7	1.9	1.7	2.0
Padidan	39.1	43.0	186.3	47	0.0	2.6	0.6	2.0	2.9
Panjgur	43.5	45.0	154.5	37	0.0	0.7	1.4	3.1	15.1
Parachinar	38.5	41.7	152.2	70	21.4	4.6	4.4	3.0	3.0
Pasni	42.1	45.5	159.0	75	0.0	4.9	4.4	3.1	9.1
Pattan	38.0	39.5	147.8	45	0.0	0.0	2.1	0.0	5.7
Peshawar	39.2	42.0	163.6	63	40.0	2.0	0.9	1.1	2.3
Quetta	36.1	38.0	173.3	28	0.0	2.3	4.1	1.4	3.8
R.Y.Khan	36.8	40.0	199.2	61	55.1	4.1	2.6	0.9	1.4
Rawalakot	37.9	39.5	78.8	84	25.8	3.1	5.9	0.3	1.4
Rohri	39.2	41.2	183.0	53	0.0	3.4	1.1	6.3	2.3
Rawalpindi	37.5	40.5	181.9	63	25.0	3.3	2.9	0.2	0.9
Sahiwal	36.0	37.5	173.7	55	0.1	1.1	1.6	2.0	2.0
Saidu Sharif	38.1	41.2	134.7	61	4.0	4.0	4.4	0.6	1.1
Sialkot	37.9	41.0	177.3	61	52.0	3.7	4.1	0.3	1.4
Sibbi	44.4	46.0	183.0	47	0.0	1.7	1.4	0.3	2.3
Skardu	35.9	39.6	61.7	41	3.1	2.3	3.0	0.0	2.6
Tandojam	39.8	40.0	201.7	67	0.0	2.3	0.0	3.6	7.4
Usta.M	47.6	48.5	229.0	28	0.0	0.0	0.0	4.9	4.6
Zhob	44.4	47.0	115.0	42	10.2	2.0	4.6	2.1	6.4

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