

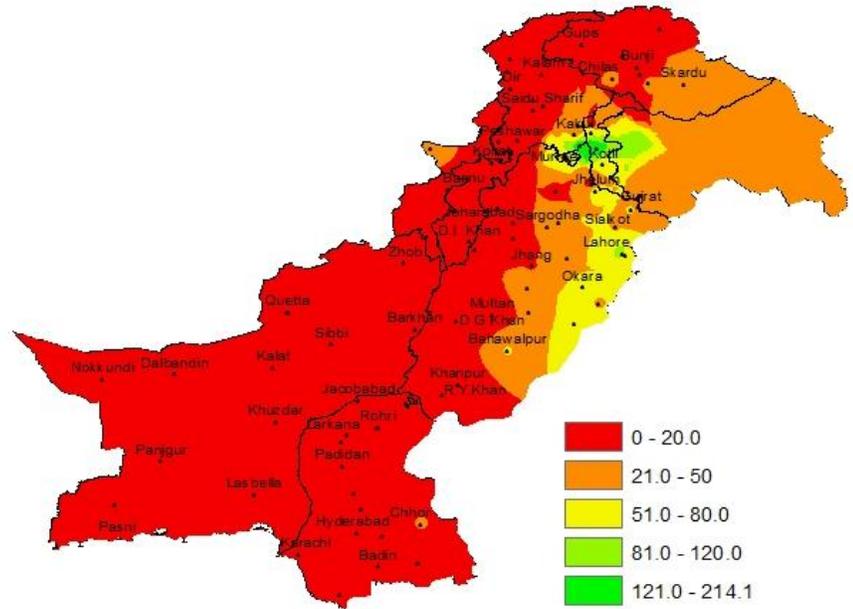
Weekly Weather and Crop Bulletin for Pakistan

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

Phone: +92-51-9250592

Email: dirnamc@yahoo.com

**Rainfall Distribution (mm) during the
Previous Week (From 21st to 27th Sep, 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 21st to 27th Sep, 2015)

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 & Kashmir regions.
- Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa.
- Light to moderate rainfall reported at few places in Sindh.
- Dry weather was reported in Balochistan.

Past Weather of Provinces (From 21st to 27th Sep, 2015)

Punjab

Moderate to heavy rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 31.1°C & 21.7°C respectively. For the present season average 149.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 76% and wind speed in the morning/evening 2.9/3.0 Knots. During the previous week the highest amount of rainfall was recorded 215.0mm at Murree & highest maximum temperature was recorded 38.4°C at R.Y.Khan.

Sindh

Light to moderate rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 35.5°C & 24.2°C respectively. For the present season average 175.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 65% and wind speed in the morning/evening recorded 1.4/6.2 Knots. During the previous week the highest amount of rainfall was recorded 45.0 mm at Chhor & highest maximum temperature was recorded 41.2°C at Nawabshah.

Gilgit-Baltistan and Azad Jammu & Kashmir

Moderate to heavy rainfall reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 23.2°C & 12.7°C respectively. For the present season average 91.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 67% and wind speed in the morning/evening recorded 4.5/2.7 Knots. During the previous week the highest amount of rainfall was recorded 195.5mm at Rawalakot & highest maximum temperature was recorded 34.1°C at Chilas.

Balochistan

Dry weather was reported in Balochistan during the week. Weekly maximum and minimum temperatures recorded 33.2°C & 17.9°C respectively. For the present season average 148.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 42% and wind speed in the morning/evening recorded 0.6/5.3 Knots. During the previous week the highest maximum temperature was recorded 42.0°C at Lasbella.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 29.0°C & 15.3°C respectively. For the present season average 117.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening recorded 2.4/3.0 Knots. During the previous week the highest amount of rainfall was recorded 80.8mm at Parachinar & highest maximum temperature was recorded 37.0°C at D.I.K.

**Past Weather for Major Agricultural Plains
(From 21st to 27th Sep, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 71.1mm during the week, however cloudiness in the morning/evening recorded 2.1/1.7 Oktas while, average relative humidity observed as 72%. Mean day time temperature recorded 30.9°C & for the present season 141.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.6 Knots.

Faisalabad (Central Punjab)

Rainfall reported as 62.0mm during the week; however cloudiness in the morning/evening recorded 2.9/2.1 Oktas while, average relative humidity observed as 67%. Mean day time temperature recorded 31.6°C & for the present season 155.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/0.9 Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/2.7 Oktas while, average relative humidity observed as 27%. Mean day time temperature recorded 26.7°C & for the present season 98.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/2.8 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.7/1.7Oktas while, average relative humidity observed as 56%. Mean day time temperature recorded 37.3°C & for the present season 180.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.1/0.6 Knots.

Tandojam (Lower Sindh)

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 1.1/0.6 Oktas while, average relative humidity observed as 67%. Mean day time temperature recorded 36.3°C & for the present season 173.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 2.8/4.9 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 21st to 27th Sep, 2015)****Multan**

Rainfall reported as 10.3mm during the week; however cloudiness in the morning/evening recorded 4.3/2.0 Oktas while, average relative humidity observed as 69%. Mean day time temperature recorded 34.6°C & for the present season 162.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.0/5.3 Knots.

Rohri

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.7/0.7 Oktas while, average relative humidity observed as 56%. Mean day time temperature recorded 38.1°C & for the present season 184.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/2.0 Knots.

Lahore

Rainfall reported as 85.2mm during the week; however cloudiness in the morning/evening recorded 1.3/5.0 Oktas while, average relative humidity observed as 81%. Mean day time temperature recorded 30.9°C & for the present season 147.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.5/0.7 Knots.

Zhob

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 5.0/2.3 Oktas while, average relative humidity observed as 44%. Mean day time temperature recorded 31.4°C & for the present season 127.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/4.8 Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/1.3 Oktas while, average relative humidity observed as 69%. Mean day time temperature recorded 35.9°C & for the present season 166.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/1.3 Knots.

Peshawar

Rainfall reported as 1.1mm during the week; however cloudiness in the morning/evening recorded 0.3/4.7 Oktas while, average relative humidity observed as 70%. Mean day time temperature recorded 32.8°C & for the present season 149.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.7/1.7 Knots.

Murree

Rainfall reported as 215.0mm during the week; however cloudiness in the morning/evening recorded 2.0/6.0 Oktas while, average relative humidity observed as 79%. Mean day time temperature recorded 19.3°C & for the present season 73.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.7/3.0 Knots.

Kalam

Rainfall reported as 25.6mm during the week; however cloudiness in the morning/evening recorded 0.0/6.3 Oktas while, average relative humidity observed as 66%. Mean day time temperature recorded 21.7°C & for the present season 66.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.7/1.3 Knots.

Gilgit

Rainfall reported as 24.9mm during the week; however cloudiness in the morning/evening recorded 2.3/6.3 Oktas while, average relative humidity observed as 70%. Mean day time temperature recorded 23.1°C & for the present season 94.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 6.3/0.3 Knots.

Skardu

Rainfall reported as 62.4mm during the week; however cloudiness in the morning/evening recorded 0.0/5.5 Oktas while, average relative humidity observed as 69%. Mean day time temperature recorded 19.4°C & for the present season 56.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.7/0.7 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 *Ball opening* stage.

Lower Sindh (Tandojam)

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

Cotton: Good condition at *Maturity* stage.

Northern Balochistan (Quetta)

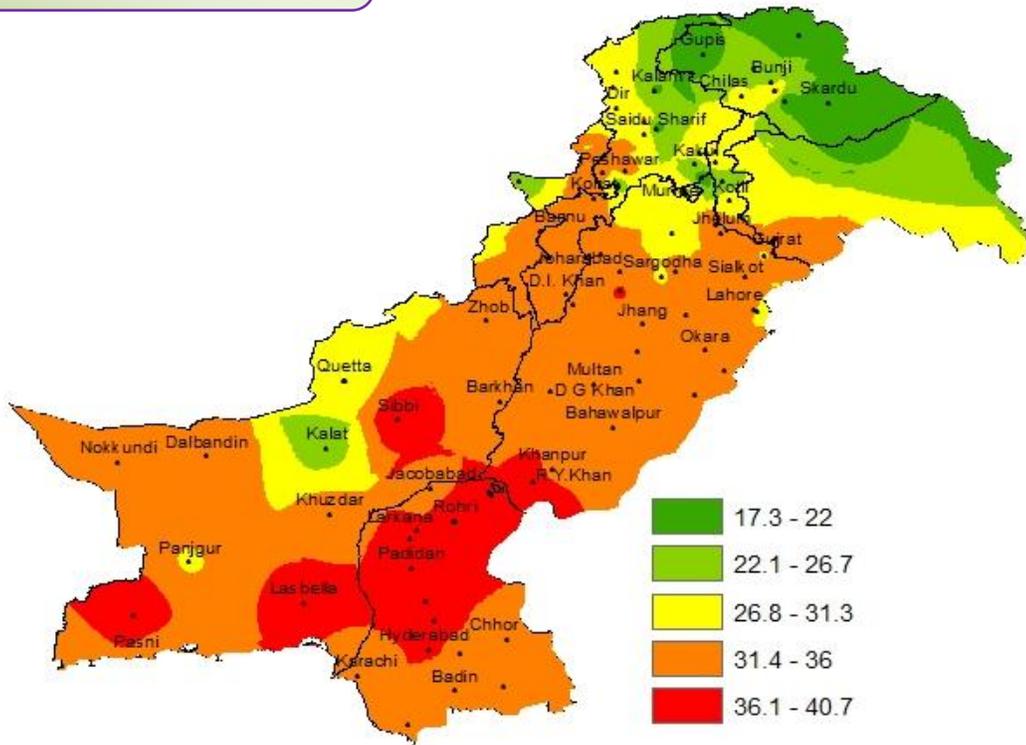
There is presently no crop grown in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

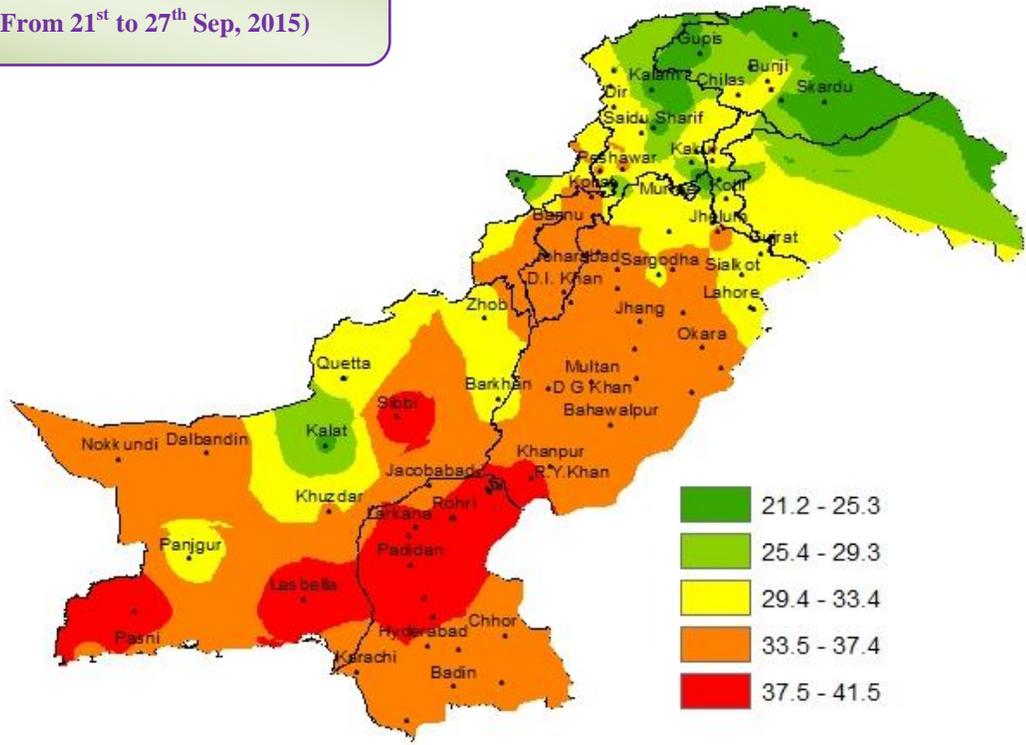
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Flowering* stage Completed.

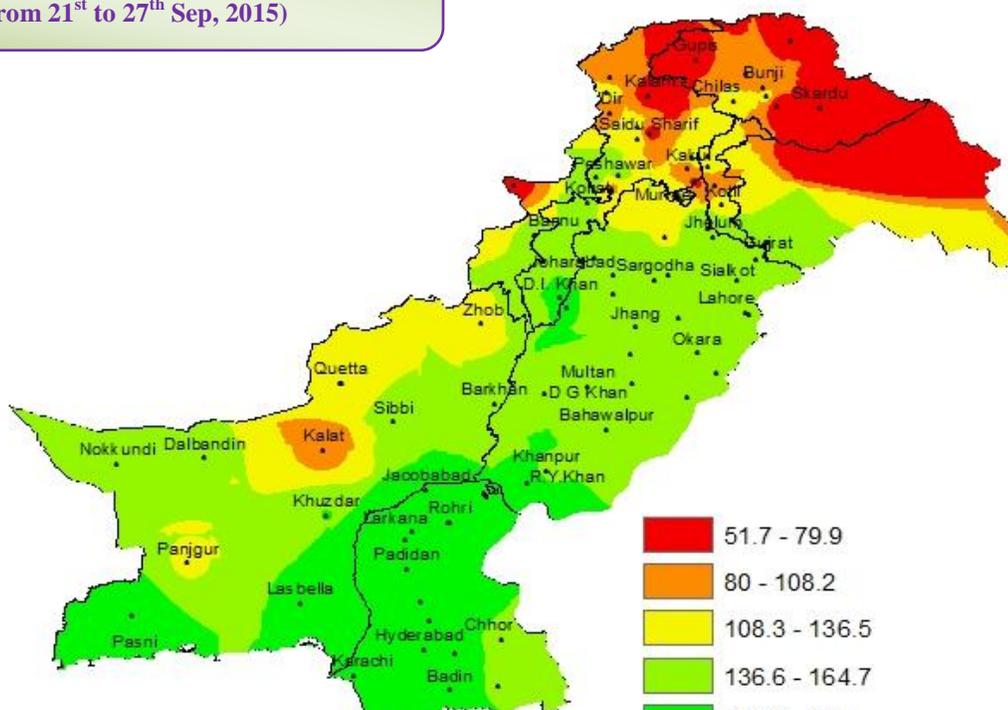
Mean Maximum Temperature (°C) during the Previous Week (From 21st to 27th Sep, 2015)



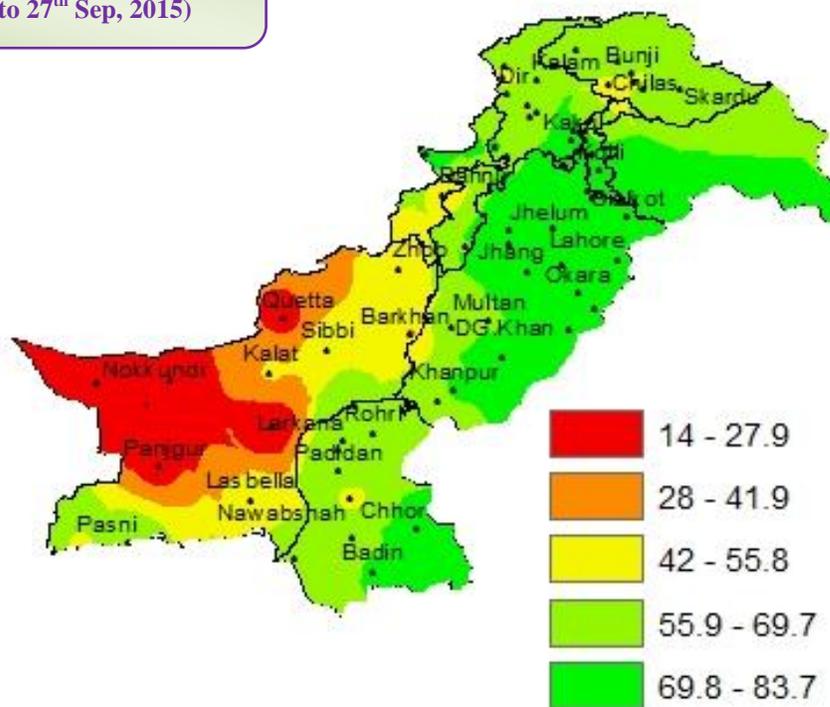
Highest Maximum Temperature (°C) during the Previous Week (From 21st to 27th Sep, 2015)



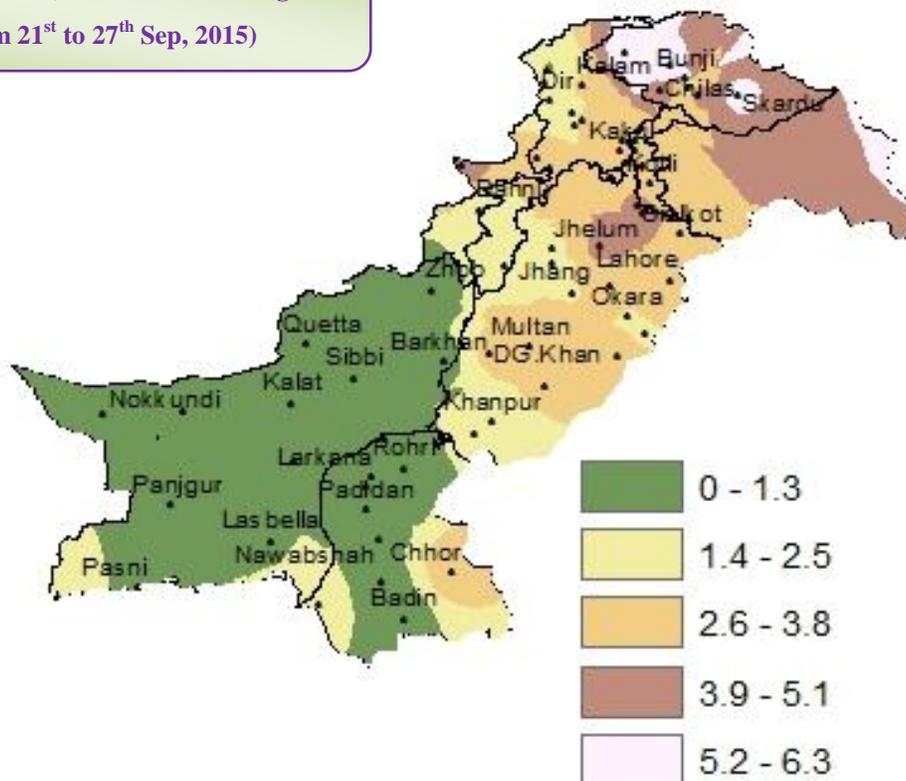
Total Growing Degree Days accumulated during the Previous Week (From 21st to 27th Sep, 2015)



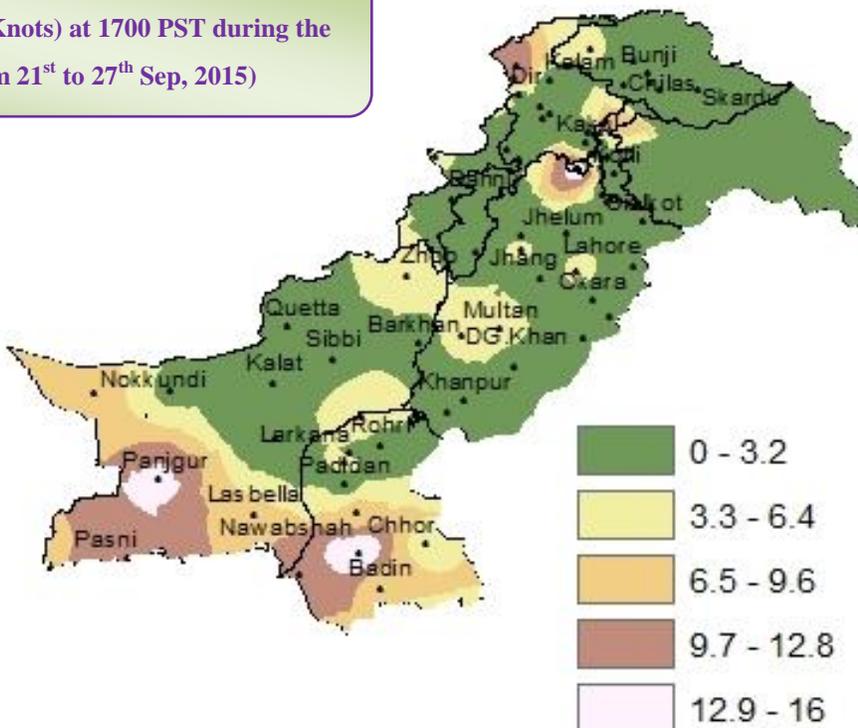
Mean Relative Humidity (%) during the Previous Week (From 21st to 27th Sep, 2015)



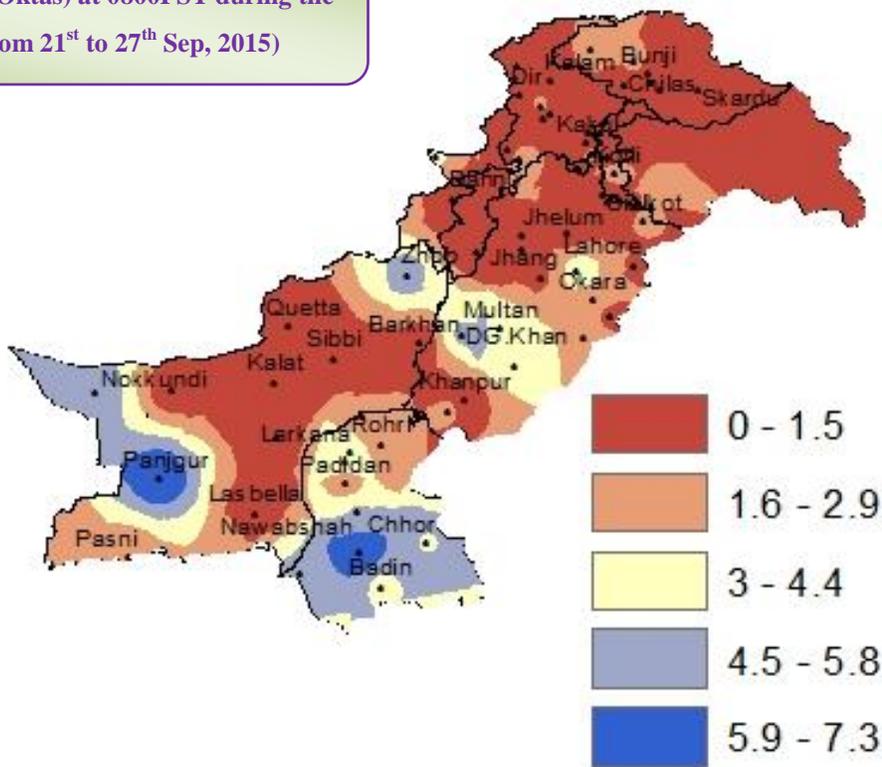
Mean Wind Speed (Knots) at 0800 PST during the Previous Week (From 21st to 27th Sep, 2015)



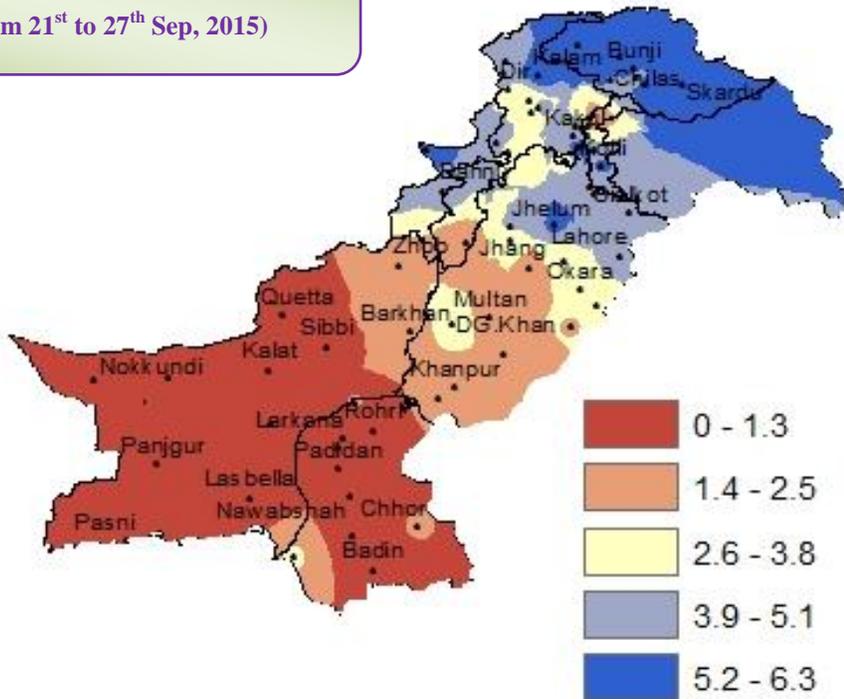
Mean Wind Speed (Knots) at 1700 PST during the Previous Week (From 21st to 27th Sep, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous Week (From 21st to 27th Sep, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous Week (From 21st to 27th Sep, 2015)



Weekly Weather Advisory for Farmers
(From 28th September to 3rd October, 2015)

A low lies over Balochistan and adjoining areas. A westerly trough Prevailing over Northern areas is likely to move in North east Direction during next 24hrs.

MONDAY
28-09-2015

Mainly dry weather is expected in most parts of the country. However, rain-thunderstorm is expected at isolated places of Malakand, Hazara, Rawalpindi divisions, Islamabad, upper FATA, Gilgit-Baltistan and Kashmir.

TUESDAY
29-09-2015

Mainly dry weather is expected in most parts of the country. However, rain-thunderstorm is expected at few places of Malakand Hazara, Peshawar, Mardan, Rawalpindi divisions, upper FATA, Gilgit-Baltistan/Kashmir and its adjoining hilly areas.

WEDNESDAY
30-09-2015

Mainly dry weather is expected in most parts of the country. However, rain-thunderstorm is expected at few places of Malakand division and Gilgit-Baltistan.

THURSDAY
01-10-2015

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

FRIDAY
02-10-2015

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

SATURDAY
03-10-2015

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

ADVISES FOR CROPS

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

General Information

- Weather forecast should be kept in mind before spraying chemicals on standing crops.
- Farmers should be careful about stagnant water and growth of weeds in standing crops after recent rains in different parts of the country. Necessary measures may be taken to control any possible loss to the crops especially cotton and maize.

National Weather Data of Selected Cities

(Weekly Data from 21st to 27th Sep, 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	18.5	22.5	50.8	67	56.4	0.0	5.7	4.7	2.3
Badin	33.6	35.0	173.7	71	0.1	4.0	0.7	0.5	6.3
Bahawalnagar	32.4	34.8	158.7	76	113.0	2.3	2.5	2.7	1.3
Bahawalpur	34.0	34.6	159.8	74	87.0	4.0	1.8	2.8	1.0
Balakot	29.4	32.0	130.4	76	38.8	0.5	4.2	3.0	0.0
Bannu	33.9	35.0	148.5	49	4.0	0.0	4.5	1.7	2.0
Barkhan	31.7	32.5	139.9	42	0.0	0.3	1.7	0.8	1.7
Bunji	24.4	30.0	97.4	61	24.1	0.3	6.3	6.0	0.7
Cherat	24.6	25.5	100.5	69	1.0	2.3	3.2	3.3	2.7
Chhor	33.8	34.0	161.8	78	45.0	4.3	1.3	3.7	5.0
Chilas	27.5	30.8	117.0	52	47.5	0.0	5.0	4.7	1.3
Chitral	27.2	29.2	100.8	68	0.0	0.0	4.0	1.2	11.3
D.I.Khan	35.9	37.0	166.4	69	0.0	0.3	1.3	2.0	1.3
Dalbandin	35.3	36.5	143.0	20	0.0	0.3	0.0	0.0	2.3
DG.Khan	33.8	34.6	164.0	68	0.1	4.7	3.5	2.8	4.7
Dir	29.2	31.0	95.8	68	16.0	0.0	3.7	1.7	2.0
Drosh	30.7	31.5	117.9	43	0.0	0.0	5.0	2.3	11.5
Faisalabad	31.6	34.5	155.0	67	62.0	2.9	2.1	1.1	0.9
Garidopatta	29.0	32.0	118.7	77	139.0	0.3	4.2	2.7	0.3

Gawader	34.1	37.0	175.1	53	0.0	2.7	1.0	1.8	10.0
Gilgit	23.1	25.5	94.8	70	24.9	2.3	6.3	6.3	0.3
Gupis	20.6	25.0	68.9	60	7.0	2.0	5.7	6.0	4.0
Hyderabad	36.2	37.0	176.2	64	0.0	7.3	0.5	0.5	16.0
Islamabad	28.4	32.0	129.9	77	130.4	0.3	3.2	3.0	16.0
Jacobabad	34.2	34.5	168.2	59	5.4	1.7	1.3	0.5	6.3
Jhang	34.8	35.7	159.7	77	41.8	1.3	1.8	2.5	0.0
Jhelum	32.7	34.0	147.6	80	118.2	0.0	4.3	3.8	1.3
Jiwani	33.7	37.5	173.1	63	0.0	1.7	0.0	1.3	7.7
Joharabad	34.2	35.0	157.6	84	9.0	1.3	4.0	2.3	2.3
Kakul	25.0	27.5	94.6	71	77.0	0.0	4.3	3.2	1.7
Kalam	21.7	23.5	66.0	65	25.6	0.0	6.3	2.7	1.3
Kalat	24.6	25.0	92.0	43	0.0	0.0	0.0	0.0	0.0
Karachi	33.2	34.0	179.4	61	0.1	4.7	2.7	2.2	11.7
Khanpur	35.4	36.3	162.3	71	0.0	0.7	1.5	1.7	0.7
Khuzdar	32.9	33.5	165.3	16	0.0	0.0	0.0	0.0	0.7
Kotli	29.8	31.7	130.1	76	106.0	2.5	5.2	3.2	1.3
Lahore	30.9	32.7	147.4	81	85.2	1.3	5.0	3.5	0.7
Larkana	36.3	38.0	175.3	65	0.0	3.7	0.0	0.8	2.7
Lasbella	38.2	39.5	169.5	49	0.0	0.7	0.0	1.2	6.7
Lower Dir	32.0	33.5	134.9	58	7.0	2.3	2.3	2.2	3.0
M.B Din	32.6	35.0	146.8	83	80.0	0.7	5.3	4.2	1.3
Malam Jabba	19.4	21.0	57.3	69	21.0	0.0	4.3	2.8	0.0
Mangla	31.7	32.5	144.0	75	20.1	0.0	5.0	4.0	3.3
Mir Khani	33.3	34.6	124.8	45	4.6	0.0	4.0	0.0	2.8
Moinjodaro	36.9	39.0	174.6	58	0.0	4.0	0.3	0.7	4.3

Multan	34.6	35.2	162.7	69	10.3	4.3	2.0	3.0	5.3
Murree	19.3	21.5	73.4	79	215.0	2.0	6.0	2.7	3.0
Muzaffarabad	28.5	31.1	115.1	77	96.3	0.3	4.2	4.2	0.0
Nawabshah	39.9	41.2	185.2	54	0.0	4.5	0.5	1.0	8.2
Nokkundi	32.9	35.5	147.9	14	0.0	5.3	0.0	0.0	7.3
Noorpurthal	36.3	37.5	158.8	73	19.7	0.3	3.3	2.5	4.0
Okara	33.8	35.5	155.3	78	100.0	2.7	2.7	2.5	1.7
Padidan	37.8	40.0	175.8	62	0.0	2.0	0.7	1.2	1.3
Panjgur	31.0	32.0	131.6	22	0.0	7.0	0.0	0.0	13.3
Parachinar	22.7	22.7	57.8	82	80.8	3.2	5.7	5.0	3.7
Pasni	33.1	35.5	171.5	68	0.0	1.7	0.0	0.5	12.7
Pattan	31.6	34.0	124.7	49	5.5	0.0	0.0	2.7	16.5
Peshawar	32.8	33.8	149.4	70	1.1	0.3	4.7	2.7	1.7
Quetta	26.7	28.0	98.8	27	0.0	0.0	0.7	2.0	2.8
R.Y.Khan	37.7	38.4	174.1	65	0.0	1.7	1.5	1.5	2.3
Rawalakot	23.6	25.2	88.2	76	195.5	0.0	4.5	3.0	2.0
Rohri	38.1	39.5	184.7	56	0.0	1.7	0.7	0.7	2.0
Rawalpindi	30.9	33.0	141.4	72	71.1	2.1	1.7	0.0	0.6
Sahiwal	33.3	33.5	148.6	76	84.0	1.0	2.8	2.5	1.3
Saidu Sharif	30.3	31.5	126.2	63	2.9	0.0	3.5	2.5	0.7
Sialkot	31.2	32.1	146.0	82	93.5	1.7	4.3	3.7	0.7
Sibbi	39.8	40.0	151.3	54	0.0	0.3	1.0	0.0	1.7
Skardu	19.4	23.3	56.7	69	62.4	0.0	5.5	5.7	0.7
Tandojam	36.3	38.5	173.3	67	1.0	1.1	0.6	2.8	4.9
Usta.M	37.3	38.0	180.3	56	0.0	1.7	1.7	3.1	0.6
Zhob	31.4	32.5	127.9	44	0.0	5.0	2.3	0.7	4.8

*** Shows the data is not available.