

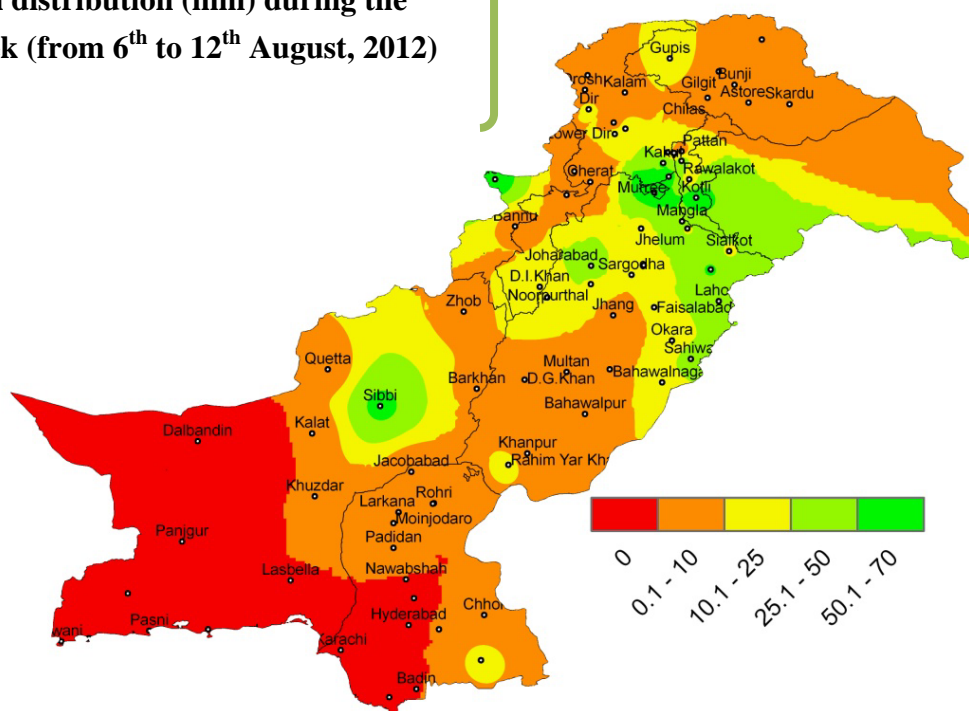
Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall distribution (mm) during the
last week (from 6th to 12th August, 2012)**



Highlights of Past Weather (from 6th to 12th August,

2012):

Monsoon rainy system produced more rains in the country especially in upper half of the country. Due to which light to moderate rainfall reported from most of the agricultural plains of Punjab, Khyber Pakhtoonkhwa, Gilgit Baltistan & Kashmir and isolated places in upper-coastal parts of Sindh & north-eastern parts of Balochistan during the week. Whereas dry weather rainfall reported from rest of the agricultural plains of Sindh and Balochistan. Overall the last week observed as more humid and cooler as compare to the previous one.

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Punjab

Light to moderate rainfall reported from most of the agricultural plains of Punjab during the decade, chief amount received from north-eastern parts of the province. Weekly maximum temperature and minimum temperature recorded as 36.4°C & 25.8°C respectively. For the present season on average 179.6 growing degree days accumulated by the end of last week. Average relative humidity recorded as 66 % and wind speed in the morning/evening recorded as 2.1/2.8 Knots. During the previous week the highest rainfall recorded at Islamabad as 61.0 mm and the extreme maximum temperature recorded at Multan as 41.8°C.

Sindh

Dry weather reported from most of the agricultural plains of the province except isolated places in coastal belt and upper parts where light rainfall occurred. Weekly maximum temperature and minimum temperature recorded as 38.5°C & 26.6 °C respectively. For the present season on average 194.3 growing degree days accumulated by the end of last week. Average relative humidity recorded as 60 % and wind speed in the morning/evening recorded as 4.3/6.4 Knots. During the previous week the highest rainfall recorded at Mithi as 13.0 mm and the extreme maximum temperature recorded at Sukkur as 44.0°C.

Khyber Pakhtoon Khawa (KP)

Light to moderate rainfall reported from most of the agricultural plains of the province during the week. Weekly maximum temperature and minimum temperature recorded as 34.1°C & 20.6°C respectively. For the present season on average 156.9 growing degree days accumulated by the end of last week. Average relative humidity recorded as 60 % and wind speed in the morning/evening recorded as 1.1/4.1 Knots. During the previous week the highest rainfall recorded at Parachinar as 68.0 mm and the extreme maximum temperature recorded at Bannu as 41.8°C.

Balochistan

Light rainfall reported from few of the agricultural plains in the north-eastern and central parts of the province. Weekly maximum temperature and minimum temperature recorded as 36.0°C & 23.1 °C respectively. For the present season on average 171.9 growing degree days accumulated by the end of last week. Average relative humidity recorded as 47% and wind speed in the morning/evening recorded as 2.6/7.6 Knots. During the previous week the highest rainfall recorded at Sibbi as 57.0 mm and the extreme maximum temperature recorded at Dalbandin as 43.5°C.

Gilgit Baltistan and Azad Jammu & Kashmir

Light to moderate rainfall reported from most of the agricultural plains of the specified region especially from Kashmir. Weekly maximum temperature and minimum temperature recorded as 31.6°C & 18.4 °C respectively. For the present season on average 137.3 growing degree days accumulated by the end of last week. Average relative humidity recorded as 51% and wind speed in the morning/evening recorded as 0.7/3.0 Knots. During the previous week the highest rainfall recorded at Kotli as 70.0 mm and the extreme maximum temperature recorded at Pattan as 40.0°C.

Past Weather for Major Agricultural Plains (from 6th to 12th August, 2012)

Rawalpindi (Potohar region)

Rainfall reported as 44.8 mm during the last week, cloudiness recorded in the morning/evening as 1.1/2.3 oktas and average relative humidity 67%. Mean day temperature recorded as 34.5°C & for the present season 169.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.1 Km/h.

Tandojam (Lower Sindh)

No rainfall reported during the last week, cloudiness recorded in the morning/evening as 2.4/0.4 oktas and average relative humidity 70%. Mean day temperature recorded as 37.4°C & for the present season 186.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 13.9/8.9 Km/h.

Faisalabad (Central Punjab)

Rainfall reported as 3.0 mm during the last week, cloudiness recorded in the morning/evening as 3.7/4.8 oktas and average relative humidity 67%. Mean day temperature recorded as 37.6°C & for the present season 187.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.1/2.7 Km/h.

Quetta (Northern Balochistan)

Rainfall reported as 1.2 mm during the last week, cloudiness recorded in the morning/evening as 1.3/2.7 oktas and average relative humidity 35%. Mean day temperature recorded as 33.3°C & for the present season 141.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.3/6.1 Km/h.

Usta Muhammad (Eastern Balochistan)

No Rainfall reported during the last week, with clear skies and average relative humidity 59%. Mean day temperature recorded as 39.3°C & for the present season 198.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.7/7.4 Km/h.

Past Weather for sub regional Agricultural Plains (from 6th to 12th August, 2012)

Rohri

Rainfall reported as 0.1 mm during the last week, cloudiness recorded in the morning/evening as 1.0/1.1 oktas and average relative humidity 52%. Mean day temperature recorded as 40.9°C & for the present season 205.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/3.1 Knots.

Skardu

Rainfall reported as 0.2 mm during the last week, cloudiness recorded in the morning/evening as 4.9/6.3 oktas and average relative humidity 45%. Mean day temperature recorded as 28.7°C & for the present season 116.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.9 Knots.

Multan

No rainfall reported during the last week, cloudiness recorded in the morning/evening as 1.7/2.6 oktas and average relative humidity 51%. Mean day temperature recorded as 39.7°C & for the present season 204.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.3/5.1 Knots.

Lahore

Rainfall reported as 43.2 mm during the last week, cloudiness recorded in the morning/evening as 5.6/5.3 oktas and average relative humidity 72%. Mean day temperature recorded as 33.8°C & for the present season 172.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as .0/1.1 Knots.

Sargodha

Rainfall reported as 10.0 mm during the last week, cloudiness recorded in the morning/evening as 2.5/3.8 oktas and mean day temperature recorded as 37.5°C. Wind speed recorded in the morning/evening as 8.7/8.8 Knots.

Gilgit

Rainfall reported as 3.3 mm during the last week, cloudiness recorded in the morning/evening as 3.0/6.1 oktas and average relative humidity 53%. Mean day temperature recorded as 33.7°C & for the present season 145.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/3.7 Knots.

Jhelum

Rainfall reported as 19.0 mm during the last week, cloudiness recorded in the morning/evening as 3.6/2.1 oktas and average relative humidity 72%. Mean day temperature recorded as 33.4°C & for the present season 177.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.7 Knots.

D.I. Khan

Rainfall reported as 16.1 mm during the last week, cloudiness recorded in the morning/evening as 3.9/1.1 oktas and average relative humidity 65%. Mean day temperature recorded as 37.3°C & for the present season 186.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.6/1.7 Knots.

Peshawar

Rainfall reported as 0.1 mm during the last week, cloudiness recorded in the morning/evening as 1.8/5.0 oktas and average relative humidity 68%. Mean day temperature recorded as 38.2°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 2.7/14.0 Knots.

Murree

Rainfall reported as 57.0 mm during the last week, cloudiness recorded in the morning/evening as 3.4/6.0 oktas and average relative humidity 78%. Mean day temperature recorded as 23.8°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 0.9/1.7 Knots.

Crop Situation for major agricultural plains

(based on data from Regional Agromet Centres)

Potohar Region (Rawalpindi)

Presently no crop is grown in the fields.

Central Punjab (Faisalabad)

There are two crops (irrigated conditions) grown in the fields as detailed below.

Sugarcane: Very Good condition, Tillering stage completed.

Cotton: Very Good condition, Budding stage completed.

Lower Sindh (Tandojam)

Presently only one crop (irrigated conditions) is grown in the fields as detailed below.

Cotton (BT-886): Good condition at Boll Opening stage.

Northern Balochistan (Quetta)

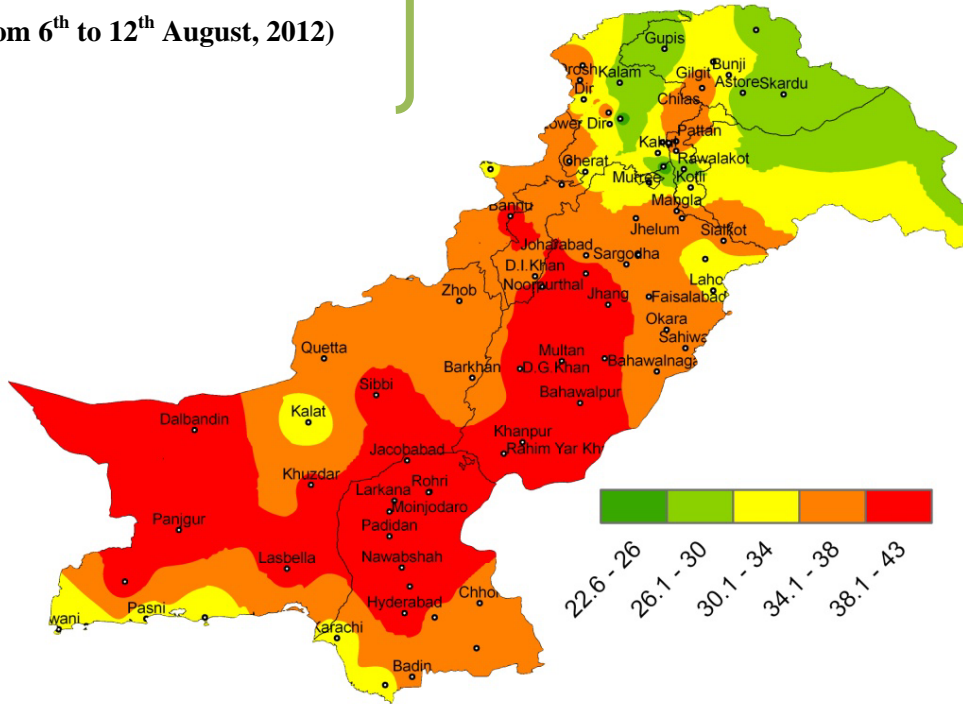
Presently no crop is grown in the fields.

Eastern Balochistan (Usta Muhammad)

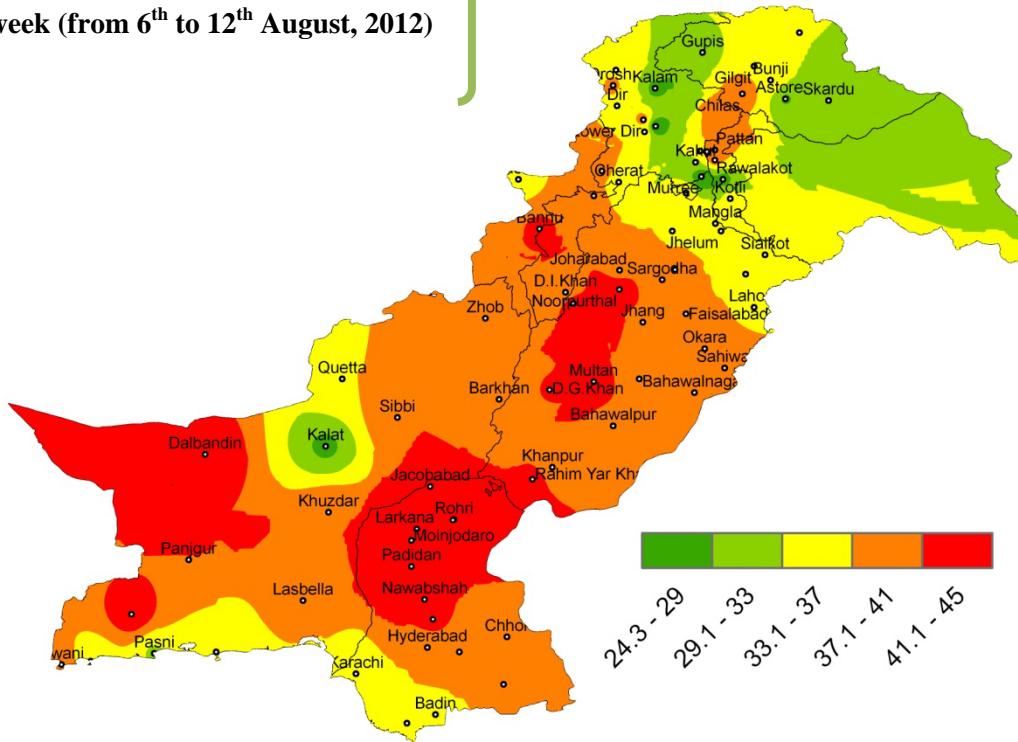
Presently one crop (Irrigated conditions) is grown at the station as detailed below:

Rice: Good condition at Third Leaf stage.

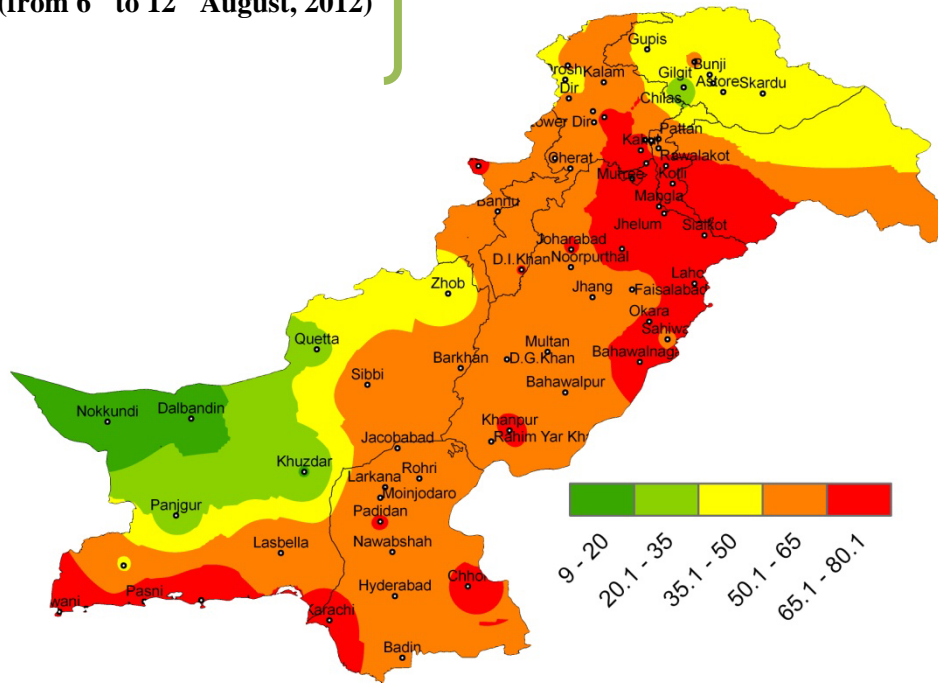
Mean maximum temperature (°C) during the last week (from 6th to 12th August, 2012)



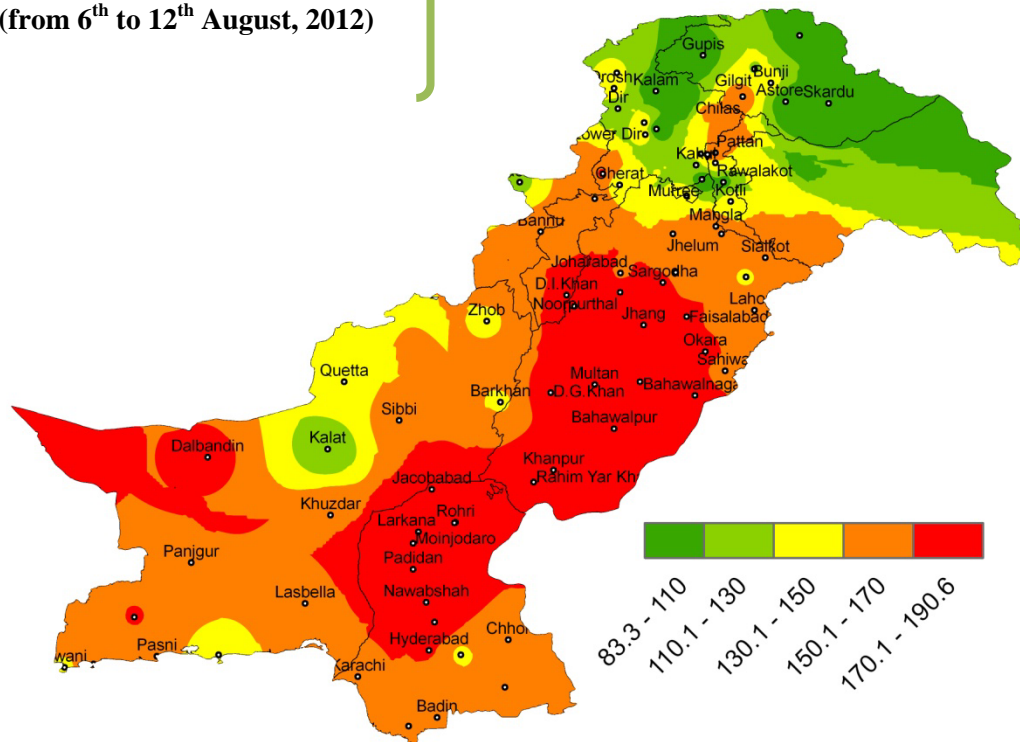
Extreme maximum temperature (°C) during the last week (from 6th to 12th August, 2012)



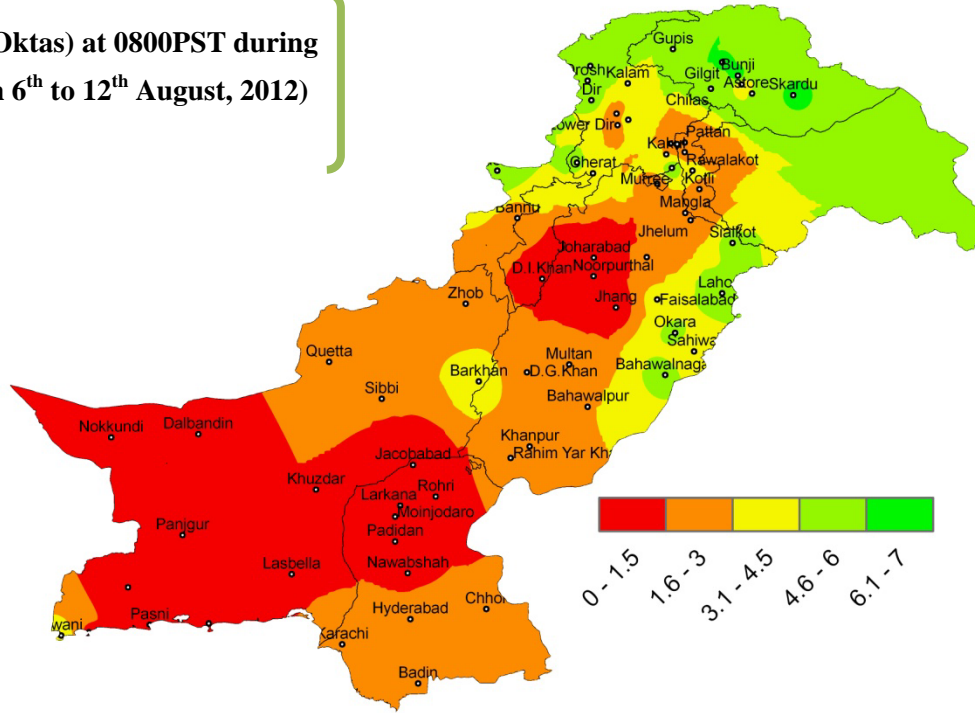
Mean relative humidity (%) during the last week (from 6th to 12th August, 2012)



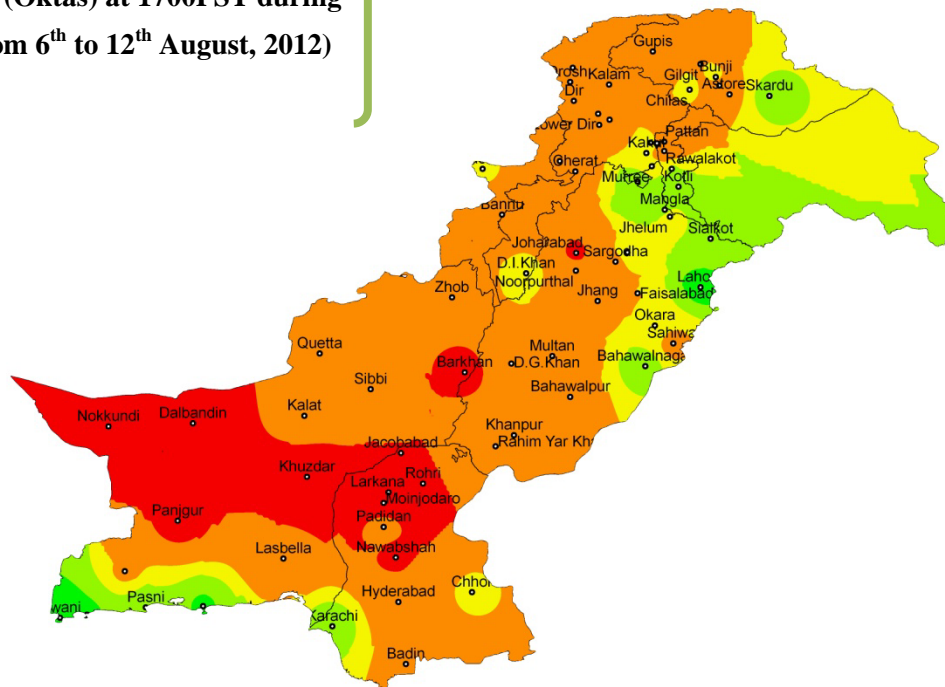
Total growing degree days accumulated during the last week (from 6th to 12th August, 2012)



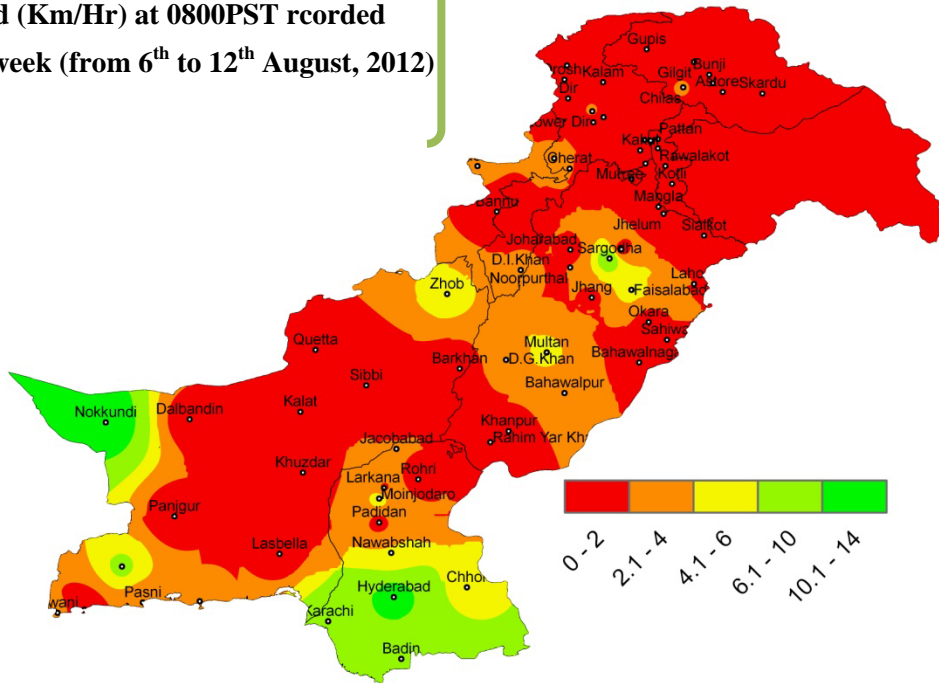
Mean Cloudiness (Oktas) at 0800PST during the last week (from 6th to 12th August, 2012)



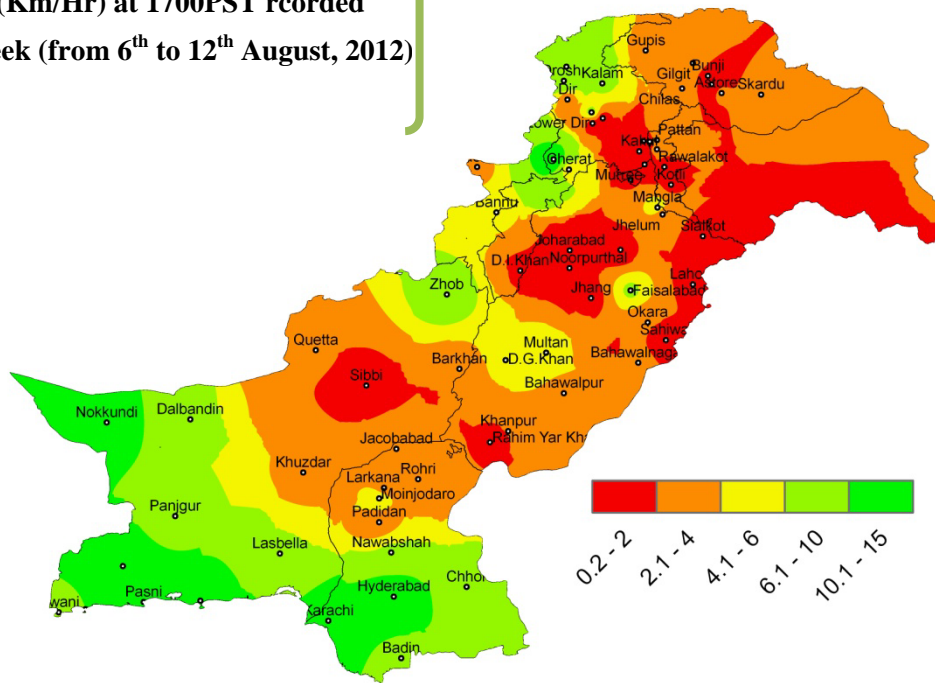
Mean Cloudiness (Oktas) at 1700PST during the last week (from 6th to 12th August, 2012)



Mean wind speed (Km/Hr) at 0800PST rcorde
 during the last week (from 6th to 12th August, 2012)



Mean wind speed (Km/Hr) at 1700PST rcorde
 during the last week (from 6th to 12th August, 2012)



Weekly Weather advisory for Farmers (from 13th August to 19th August, 2012)

Monsoon current of light to moderate intensity would likely to penetrate over northeastern parts of Pakistan during the week. Due to an upper air circulation over northwest India some monsoon currents are penetrating in southeastern parts of Pakistan.

Punjab including Islamabad:

Rain/Thundershower is likely at isolated places of northeast Punjab(Rawalpindi, Gujranwala, Lahore divisions) during first half of the week and during the weekend. Whereas, hot & humid weather elsewhere in the province.

Khyber Pakhtunkhwa:

Mainly hot & humid weather is expected in most parts of the province, however, Rain/Thundershower is likely at isolated place of Hazara division during midweek.

Baluchistan:

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

Sindh:

Mainly hot and humid weather is expected in most parts of the province. However, Rain/Thundershower is likely at one or two places of southeastern Sindh during first half of the week.

Kashmir:

Rain/Thundershower is expected at isolated places of Kashmir during first half of the week and during the weekend.

Gilgit-Baltistan:

Mainly dry weather is expected in most parts of G.B during the week. However, light rain is expected at isolated places during the weekend.

Advices for Crops:

Cotton/Sugarcane: Farmers of cotton belt are advised to manage irrigation practices as per prediction of monsoon rains during the week.

General Information: Farmers of rainfed areas, obtaining crop water through tube wells are advised to schedule the irrigation according to the expected weather mentioned above during the week. It is advised to ensure field sanitation and spray prophylactic fungicidal sprays to prevent spread of diseases on vegetables, as there is forecast for light to moderate rainfall during the week. Also farmers are advised to keep control on post-harvesting losses due to pests/insects & hot/moist monsoon season.

Precautionary Measures for Animals Care:

Farmers in the lower half of the country especially those in central regions are advised to take up poultry rearing houses to maintain optimum room temperature and take care against the rapid changes in air temperature and relative humidity.

Farmers in the coastal belt of the country are advised to vaccinate the cattle's against black quarter and other diseases.

In central-southern Punjab, upper Sindh and southern Balochistan as the temperature is high, provide sufficient water and rice water (in particular areas) to the animals before leaving them for grazing.

National Weather Data of Selected Cities
(Weekly data from 6th to 12th August, 2012)

Stations	Maximum/Day Temperature (°C)		Growing Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Okta) 0800PST	Cloudiness (Okta) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Highest							
ASTORE	18.9	28.5	97.1	48.8	0.2	2.7	4.6	0.3	2.3
BADIN	31.0	36.5	181.8	64.9	0.0	2.6	2.3	6.9	8.6
BAHAWALNAGAR	32.2	40.5	190.3	68.5	19.0	4.7	4.9	0.9	2.3
BAHAWALPUR A/P	33.7	40.6	161.5	56.4	5.0	2.3	3.0	3.1	3.4
BANNU	31.3	41.8	183.9	50.2	0.1	1.4	2.4	0.0	4.9
BARKHAN	28.5	37.0	169.0	57.4	6.1	0.5	4.1	0.0	2.0
BUNJI	26.8	36.7	152.5	47.2	5.0	3.4	7.0	0.9	1.1
CHERAT	25.8	33.5	145.3	57.4	4.1	2.4	3.3	2.0	4.6
CHHOR	31.6	38.5	185.9	66.5	4.0	3.3	2.0	5.1	7.4
CHILAS	30.8	39.5	180.4	27.9	0.1	3.1	5.6	2.3	3.1
CHITRAL	26.2	37.0	148.5	53.6	0.0	2.4	5.9	0.6	8.3
D.G.KHAN	33.4	41.2	199.0	62.1	4.1	2.1	1.6	4.0	5.1
D.I.KHAN	31.6	39.8	186.4	65.2	16.1	3.9	1.1	2.6	1.7
DIR	24.2	36.0	134.1	54.1	13.0	2.0	5.3	0.0	2.0
DROSH	27.3	37.4	164.1	33.6	0.0	1.7	5.3	0.0	10.3
FAISALABAD	31.8	39.5	187.5	59.6	12.0	3.0	3.4	4.6	6.6
GARHI DOPATTA	27.9	38.0	160.0	54.6	39.0	1.7	1.7	0.9	2.6
GAWADAR	28.7	33.0	162.3	68.8	0.0	5.1	1.3	0.0	10.0
GILGIT	25.7	36.5	145.0	53.1	3.3	3.0	6.1	0.9	3.7
GUPIS	20.0	30.0	105.0	49.0	19.0	1.6	4.7	1.1	3.1
HYDERABAD	32.2	39.6	190.7	57.8	0.0	1.6	2.0	12.0	14.6
ISLAMABAD ZP	28.5	37.0	158.2	69.8	61.0	4.9	2.0	0.0	1.7
JACOBABAD	34.4	42.0	200.0	58.5	0.0	1.0	0.0	2.0	3.0
JHANG	32.4	40.5	199.2	59.2	0.0	1.4	0.7	1.4	1.1
JHELUM	30.3	37.0	177.3	71.5	19.0	3.6	2.1	0.6	1.7
JIWANI	28.6	40.5	164.9	74.3	0.0	6.0	3.9	2.6	8.9
JOHARABAD	31.5	40.0	179.5	66.6	33.0	0.6	0.0	1.1	1.4
KAKUL	24.4	32.0	135.9	69.9	55.0	3.1	2.9	0.3	1.0
KALAM	19.2	28.0	***	61.1	3.0	1.1	4.1	0.0	7.1
KALAT	23.3	28.0	137.0	22.6	0.0	1.7	2.3	***	***
KARACHI AIRPORT	30.1	33.0	175.7	68.9	0.0	5.0	2.9	7.4	11.6
KHANPUR	33.5	40.3	199.4	66.4	0.0	1.1	2.1	1.1	2.0
KHUZDAR	31.9	40.5	195.5	19.4	0.0	0.0	1.5	0.0	3.0
KOTLI	27.9	34.7	160.2	68.0	70.0	4.9	2.4	0.3	1.4
LAHORE PBO	29.7	36.3	172.6	71.9	43.2	5.6	5.3	2.0	1.1
LARKANA	33.9	42.5	202.3	58.4	0.1	0.6	0.0	1.7	2.9
LASBELA	31.6	39.5	186.3	61.9	0.0	1.4	0.9	1.1	6.6
LOWER DIR	28.5	39.0	172.3	49.6	2.0	2.0	2.0	2.9	7.3

MALAM JABBA	18.1	24.0	95.3	71.4	15.0	1.7	4.5	0.0	0.7
MANDI-BAHU-DIN	30.0	37.5	175.2	74.9	21.1	3.9	1.9	0.9	0.6
MANGLA	29.8	36.5	179.0	71.4	51.1	4.3	1.4	0.6	6.0
MOIN-JO-DARO	33.6	43.0	207.3	57.4	3.0	0.6	0.9	5.1	5.4
MULTAN	34.2	41.8	204.3	51.1	0.0	1.7	2.6	4.3	5.1
MURREE	19.5	24.8	101.5	77.8	57.0	3.4	6.0	0.9	1.7
MUZAFFARABAD	29.0	38.0	168.0	62.1	7.1	3.1	3.1	1.7	0.0
NAWABSHAH	34.0	41.5	202.8	57.2	0.0	0.9	1.4	4.0	6.3
NOORPUR THAL	32.0	43.0	189.0	51.9	24.0	1.9	0.4	2.0	1.1
OKARA	31.7	40.0	186.8	65.7	12.0	4.0	4.9	1.4	2.0
PADIDAN	33.4	41.5	193.0	66.7	0.0	1.3	0.6	1.4	2.6
PANJGUR	32.1	41.0	198.3	27.2	0.0	0.0	0.0	0.0	7.1
PARACHINAR	25.2	34.2	***	66.0	68.0	3.3	5.9	3.0	3.0
PASNI	28.8	32.5	180.3	76.6	0.0	4.8	1.4	2.3	13.1
PATTAN	30.3	40.0	***	47.8	2.1	1.7	2.0	0.7	4.7
QUETTA	27.9	37.0	139.3	32.1	0.0	1.4	2.9	2.0	2.3
RAHIM YAR KHAN	33.9	41.5	202.6	63.6	14.0	2.6	2.3	1.1	1.7
RAWALAKOT	21.2	27.5	118.9	80.4	12.0	4.1	3.4	0.0	1.1
ROHRI	34.3	43.5	205.3	52.1	0.1	1.0	1.1	1.4	3.1
SAHIWAL	30.6	38.8	174.8	64.6	34.0	2.3	3.1	2.0	1.1
SAIDU SHARIF	27.3	36.0	160.8	64.2	14.0	2.3	2.4	0.0	0.9
SARGODHA	32.9	38.5	***	***	10.0	2.5	3.8	8.7	8.8
SIALKOT A/P	29.7	36.4	163.1	75.5	14.1	4.1	5.0	0.9	0.6
SIBBI	30.9	41.0	181.3	63.1	57.0	1.7	1.7	0.0	0.9
TURBAT	32.1	44.5	197.8	49.1	0.0	2.7	0.0	6.7	12.3
ZHOB	29.3	38.5	163.8	41.8	5.0	1.6	1.9	5.0	8.4

***Data not available