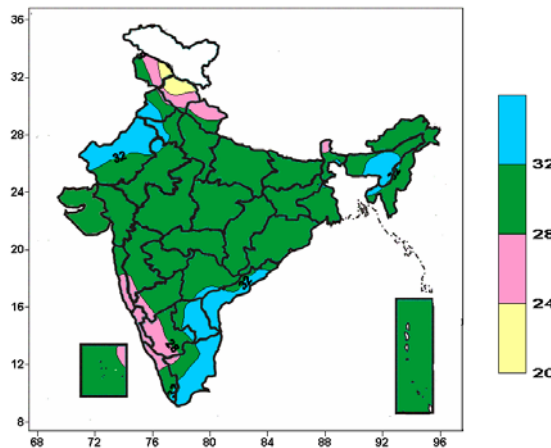


Comparison of weekly rainfall distribution (in % dep.) in different Met. Sub-divisions during past 5 weeks											
Sub-division	Cumulative Rainfall (% Dep.) for the period										
	23 rd July	30 th July	6 th Aug.	12 th Aug.	19 th Aug.	Sub-division	23 rd July	30 th July	6 th Aug.	12 th Aug.	19 th Aug.
A & N Islands	-31	6	104	26	-55	West M. P.	-96	-10	-7	8	-78
Arunachal Pradesh	11	-6	14	25	20	East M. P.	-48	11	4	3	-50
Assam and Meghalaya	2	-28	-19	0	15	Gujarat region	-91	-32	56	172	-32
NNMT	-15	-29	62	-7	-23	Saurashtra &Kutch	-96	-21	35	24	-49
SH West Bengal & Sikkim	51	10	14	-3	73	Konkan and Goa	-69	-11	8	182	-25
Gangetic West Bengal	19	40	-62	13	21	Madhya Maharashtra	-91	-38	-4	179	-40
Orissa	-46	20	-19	64	9	Marathwada	-57	-48	-3	0	-79
Jharkhand	-13	17	-73	18	49	Vidarbha	-31	-17	60	-5	-74
Bihar	68	35	-74	19	101	Chhattisgarh	-43	-7	-16	3	-4
East Uttar Pradesh	35	57	-78	-10	90	Coastal A. P.	24	-5	99	146	47
West Uttar Pradesh	-29	56	-27	-48	59	Telangana	-22	-20	125	189	-11
Uttaranchal	0	28	-2	-14	19	Rayalseema	17	-13	-17	7	0
Haryana, Chandigarh and Delhi	-50	26	37	38	9	TamilNadu & Pondicherry	91	9	-37	-29	148
Punjab	-57	30	53	73	92	Coastal Karnataka	-84	-29	-35	141	-9
Himachal Pradesh	-41	-6	-13	-26	48	N. I. Karnataka	-66	-39	6	142	-63
J & K	-41	15	55	-14	21	S. I. Karnataka	-42	-10	-14	188	-2
West Rajasthan	-99	-6	314	23	3	Kerala	-57	-33	-40	61	-57
East Rajasthan	-86	12	43	-9	-55	Lakshadweep	54	2	-78	-45	4

The sub divisions like West Uttar Pradesh, Gujarat region, Saurashtra &Kutch, Madhya Maharashtra, Marathwada, Coastal Karnataka, N. I. Karnataka and Kerala received scanty / deficient rain in at least 3 out of last 5 weeks. Other subdivisions received almost normal distribution of rain during this period.

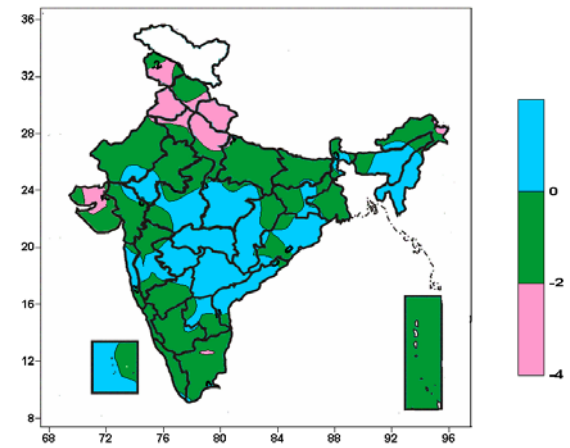
Contour maps for the week ending 20.8.08

Actual Mean Maximum Temperature (°C) in India for the week ending 20.08.08



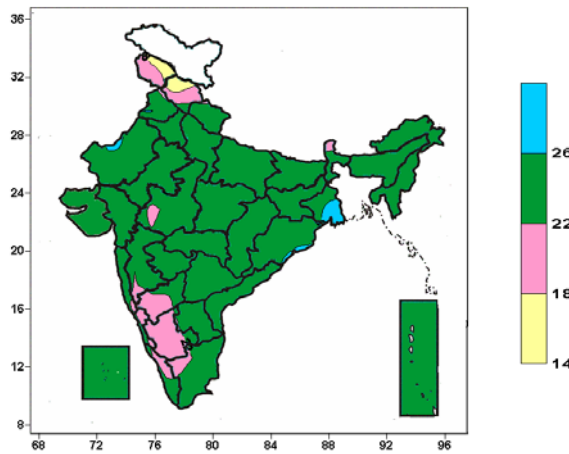
Actual Mean Maximum Temperature ranges between 32 to 34 °C over little part of Punjab, Haryana and some part West Rajasthan, Assam, Tamil Nadu and most part over Coastal Andhra Pradesh and Rayalaseema and 28 to 32 °C over most part of the country except in some part of Jammu & Kashmir, Interior Karnataka, Kerala and most part of Himachal Pradesh, Uttarakhand, Konkan & Goa, Coastal Karnataka and Sikkim where it was 24 to 28°C.

Maximum Temperature (°C) Anomaly in India for the week ending 20.08.08



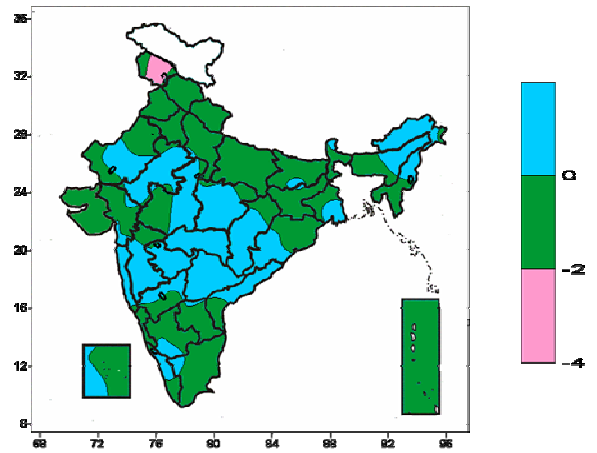
Maximum Temperature anomaly ranges between 0 to 2°C over little part of Sub Himalayan West Bengal, most parts of Assam, Nagaland, Manipur, Mizoram and Tripura, some part of East Rajasthan, most part of Central India, Andhra Pradesh, Orissa, Lakshdweep and -2 to 0°C some parts of Jammu & Kashmir and most parts of Haryana, Himachal Pradesh, Gujarat, West Madhya Pradesh North Madhya Maharashtra, East and South India including Arunachal Pradesh and -4 to -2°C over rest of the country.

Actual Mean Minimum Temperature (°C) in India for the week ending 20.08.08



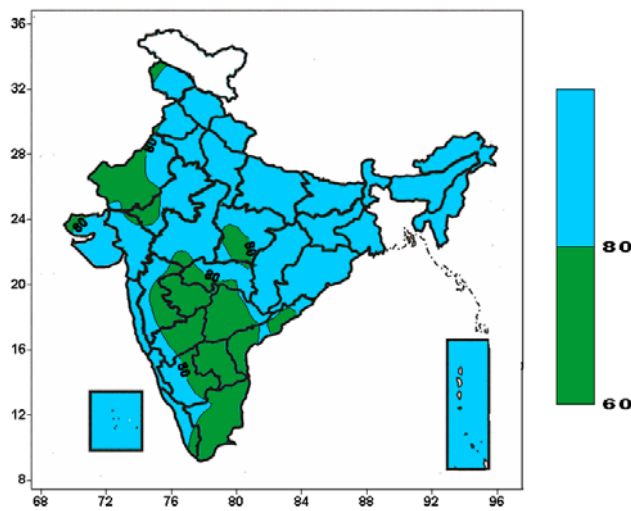
Actual Mean Minimum Temperature ranges between 26 to 30°C over little part of Bihar, Gangetic West Bengal, Gujarat, Kerala and South Interior Karnataka, most part of West, Central and North East Part of India and in -2 to 0°C in remaining part of the country except in most part of Jammu & Kashmir where it was -4 to -2°C.

Minimum Temperature (°C) Anomaly in India for the week ending 20.08.08

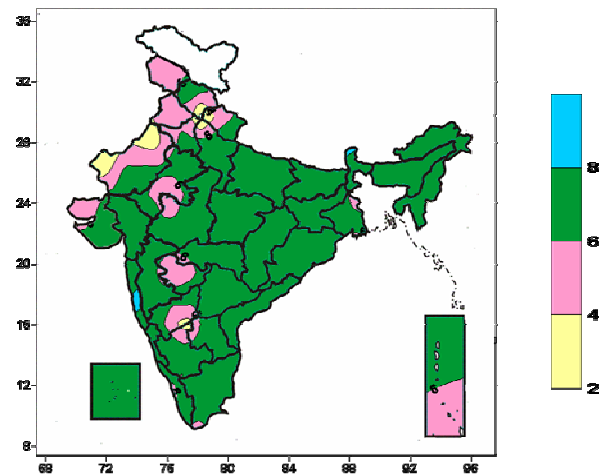


Relative Humidity was above 80 and upto 100% in the country except in some parts of south Rajasthan, East Madhya Pradesh, Vidarbha and Kerala and most part of north Rajasthan Madhya Maharashtra, Marathwada Interior Karnataka, Andhra Pradesh and Tamilnadu where it was 60 to 80%.

Relative Humidity (%) over India for the week ending 20.08.08

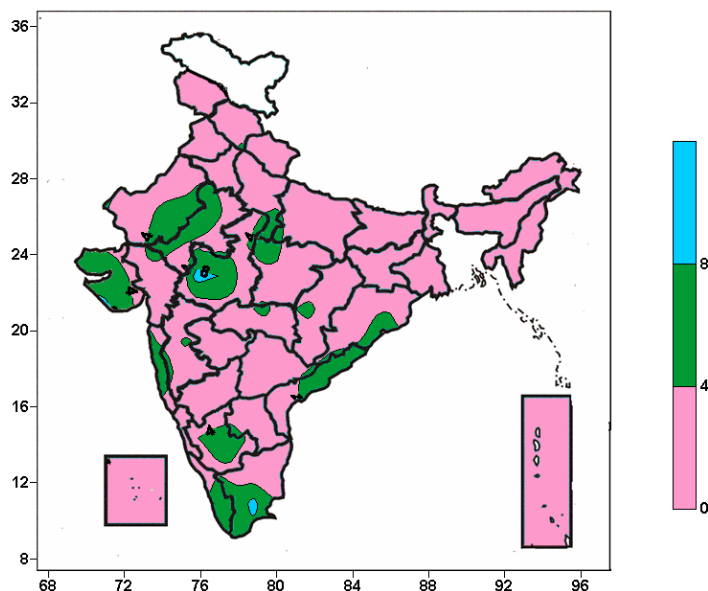


Cloud amount (okta) over India for the week ending 20.08.08



Cloud amount ranges between 6 to 8 okta in the country except in little part of Gangetic West Bengal some part Rajasthan, Saurashtra and Kutch, Marathwada, Tamil Nadu and most part of Punjab, Jammu Kashmir, Himachal Pradesh and Uttarkhand where it was 4 to 6 okta.

Wind speed (knots) over India for the week ending 20.08.08



Wind speed ranges between 4 to 8 knots in some part of Rajasthan, Saurashtra and Kutch, Madhya Pradesh, Uttar Pradesh, Konkan, Coastal Andhra Pradesh, coastal Orissa, Tamil Nadu and Kerala, Interior Karnataka and 0 to 4 knots in remaining part of the country.

Districts experiencing stress condition

State	Most Stress *	More Stress	Stress
North West India			
Himachal Pradesh	Chamba	Nil	Nil
Uttarakhand	Nil	Nil	Almora
Punjab	Nil	Fatehgarh Saheb	Nil
Haryana	Kurukshetra, Panipat	Nil	Rewari
N.Delhi	Nil	Nil	Nil
West UP	Meerut	Mainpuri	Bulandsahar, Bareilly Aligarh
East India			
East UP	Meerut	Nil	Pilibhit
Jharkhand	Nil	West Singbhum	Nil
Bihar	Supaul	Nil	Nil
Orissa	Nil	Nil	Nil
Gangetic West Bengal	Nadia	Nil	Nil

SHWB	Nil	Nil	Nil
North East India			
Arunachal Pradesh	Changlang	Nil	Nil
Assam	Darrang,Dhubri	Nil	Karimganj,Sibsagar
South India			
TamilNadu	Data not available		
AP	Nil	Nil	Nil
Kerala	Nil	Thiruvananthapuram	Nil
Karnataka (CK)	Nil	Nil	Nil
Karnataka (NIK)	Gadag	Bagalkote, Bijapur, Raichur	Gulbarga, Koppal
Karnataka (SIK)	Bellary	Nil	Nil
West India			
Konkan & Goa	Nil	Nil	Nil
Madhya Maharashtra	Nil	Nil	Jalgaon, Solapur
Marathwada	Nil	Nil	Usmanabad, Parbhani
Vidarbha	Nil	Washim	Nil
Gujarat	Nil	Nil	Nil
East Rajasthan	Nil	Nil	Bundi, Dausa, Kota, Rajsamand, Sawai Madhopur, Sikar
West Rajasthan	Nil	Nil	Bikaner , Jodhpur
Central India			
East M.P.	Nil	Nil	Chindwara, Damoh, Jabalpur, Mandla, Narsingpur, Sagar, Seoni
West M.P.	Nil	Shajapur	Betul, Guna, Harda, Hosangabad, Indore, Khandwa, Khargone, Mandsaur, Raisen, Rajgarh, Ratlam, Sehore, Sheopur Kalani, Ujjain,

			Vidisha
Chhattisgarh	Nil	Dhamtari, Mahasumund	Bastar, Durg, Kanker, Rajandgaon

* Most stress (more than 3 weeks continuously deficient to no rain)

More stress (3 weeks continuously deficient to no rain)

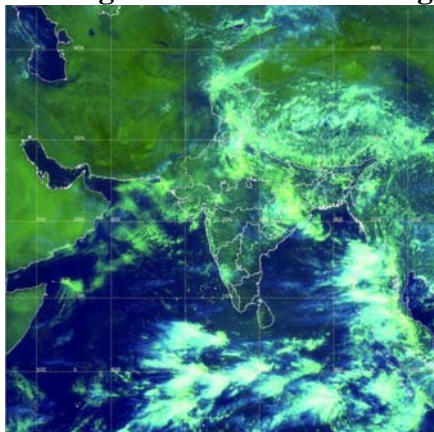
Stress (2 weeks continuously deficient to no rain)

****Districtwise Rainfall Distribution for the country is given in Annexure I.**

Chief Synoptic Feature (Based on 1430 hours IST observations of 20th August, 2008)

- Morning's cyclonic circulation over Orissa and neighbourhood persists. Under its influence, scattered to fairly widespread rainfall activity is likely over Orissa and Chhattisgarh during next 1-2 days.
- The other upper air cyclonic circulation over West Uttar Pradesh and adjoining areas of northwest Madhya Pradesh & East Rajasthan persists. The western end of the monsoon trough has shifted slightly southwards. Its axis at mean sea level passes through Ferozepur, Muzzafarnagar, Shahjapur, Varanasi, Dhanbad, Sagar Islands and thence southeastwards to eastcentral Bay of Bengal. Under this scenario, scattered to fairly widespread rainfall activity is likely over northwest India during next 1-2 days.
- Rainfall activity is likely to remain sub-dued over remaining parts of the country during next 3 days.

Satellite image of 6 UTC on 22nd August 08



Zone-wise Forecast

NORTHWEST INDIA [J & K, H. P., UTTARAKHAND, PUNJAB, HARYANA, DELHI, WEST UP]
(Forecast valid upto 1430 hours IST of 24th August, 2008)

- Rain/thundershowers are likely at many places over Haryana, Chandigarh, Delhi, Himachal Pradesh, Uttarakhand and West Uttar Pradesh till tomorrow and isolated thereafter.
- Isolated rain/thundershowers is likely over the rest region.

Quantitative District Weather Forecast for next five days:

- Light/ rather moderate to moderate rainfall will occur in the region.

EAST INDIA [EAST UP, JHARKHAND, BIHAR, ORISSA, WEST BENGAL & SIKKIM] (Forecast valid upto 1430 hours IST of 24th August, 2008)

- Rain/thundershowers are likely at many places over Orissa and East Uttar Pradesh till tomorrow and isolated thereafter.
- Rain/thundershowers are likely at a few places over rest region till tomorrow and isolated thereafter.

Quantitative District Weather Forecast for next five days:

- Light to rather moderate will occur in Bihar, Jharkhand, Orissa and West Bengal. In Sikkim, rainfall will be light upto 24th August and afterwards it will be rather moderate to moderate.

NORTHEAST INDIA [Arunachal Pradesh, NMM & T, Assam, Meghalaya,] (Forecast valid upto 1430 hours IST of 24th August, 2008)

- Rain/thundershowers are likely at a few places over the region.

Quantitative District Weather Forecast for next five days:

- In Arunachal Pradesh, light to moderate rainfall and in Assam, light to rather moderate rainfall will occur

SOUTH INDIA [TN, AP, KERALA,, KARNATAKA, LAKSHADWEEP, ANDAMAN & NICOBAR ISLANDS] (Forecast valid upto 1430 hours IST of 24th August, 2008)

- Rain/thundershowers are likely at a few places over Coastal Andhra Pradesh, Tamil Nadu, Coastal Karnataka and Andaman & Nicobar Islands.
- Isolated rain/thundershowers is likely over the rest region.

Quantitative District Weather Forecast for next five days:

Light rainfall will occur over the region.

WEST INDIA [GOA, MAHARASHTRA (OTHER THAN VIDARBHA), GUJARAT, RAJASTHAN] (Forecast valid upto 1430 hours IST of 24th August, 2008)

- Rain/thundershowers are likely at a few places over East Rajasthan during next 48 hours and isolated thereafter.
- Rain/thundershowers are likely at a few places over Konkan & Goa.
- Isolated rain/thundershowers is likely over the rest region.

Quantitative District Weather Forecast for next five days:

Light to rather rainfall will occur over the region except some districts where no rain will occur.

CENTRAL INDIA [M.P., CHHATTISGARH, VIDARBHA] (Forecast valid upto 1430 hours IST of 24th August, 2008)

- Rain/thundershowers are likely at a few places over Madhya Pradesh and Chhattisgarh till tomorrow and isolated thereafter.
- Isolated rain/thundershowers is likely over rest region.

Quantitative District Weather Forecast for next five days:

Light to rather moderate/moderate rainfall will occur in the region

Warning :

- Isolated heavy rainfall is likely over Orissa and north Chhattisgarh.

Weather Outlook from 1430 IST of 24th to 1430 IST of 26th August, 2008 (Based on numerical weather products):

- Increase in rainfall activity over northeastern States and Sub-Himalayan West Bengal & Sikkim.
- Generally sub-dued rainfall activity likely over remaining parts of the country.

Zonewise Agromet Advisories

NORTH WEST INDIA [J & K, H. P., UTTARAKHAND, PUNJAB, HARYANA, DELHI, WEST UP]

Himachal Pradesh

- **Standing crops:** Vegetables (vegetative / flowering / fruiting / harvesting), Maize (early vegetative / vegetative), Rice (early vegetative / tillering), Apple (fruit development), Tea (plucking), new planting of evergreen fruit plants.
- As almost all the districts received rain during last week and rain / thundershowers are likely at many places over the State for next 24 hours, postpone irrigation and intercultural operation to the crops.
- As maize is very susceptible to water logging, arrange for draining out excess water from the field.
- It is optimum time for planting of evergreen plants like Mango, litchi, guava, citrus, loquat and amla in Sub-mountain & Low hills Sub tropical zone.
- Undertake application of plant protection measures after current spells of rain.

Plant Protection:

- The weather is congenial for spread of fruit rot in tomato, chilli and Shimla mirch. For control apply Dithane M-45 @ 2-3 g per litre of water in 10-15 days interval.
- Rice blast is appearing and there is also more chance of infestation as weather condition is conducive. For control, spray Blitox-50 (3 g per litre of water) or Bavistin (1 g per litre of water). Weather is also conducive for infestation of rice hispa. For control, chlorpyrifos 20 EC @ 2.5 ml per litre may be applied if infestation crosses economic threshold level.
- Weather is conducive for the attack of leaf minor in new growth of citrus. Spray 10 ml Matasystox or 10 ml Malathion in 10 litres of water.
- **Animals:** Weather is conducive for spread of FMD and galgotu in animals. Farmers are advised for vaccination of animals against FMD.
- **Poultry:** As humidity is increasing, replace the poultry houses with fresh litter to avoid wetting and keep the houses clean. Climate is also congenial for attack of Diarrhia and coccidia. Consult the nearby veterinarian under these circumstances.

Uttarakhand

- **Standing Crops:** Sugarcane (vegetative), Maize, groundnut and vegetables (early vegetative / vegetative), Rice (early vegetative / tillering), Urd(seedling/early vegetative)
- As there was sufficient in the State during last week and rain / thundershowers are likely at many places till tomorrow and isolated thereafter, postpone irrigation to the crop and intercultural operation in early sown crops may be carried out on a non rainy day.
- Maintain 3 – 5 cm of water in rice the field.

Punjab

- **Standing Crops:** Rice (seedling/early vegetative), Horticultural crops (vegetative), Sugarcane (vegetative), Early sown cotton, maize and groundnut (early vegetative to late vegetative), Sunflower (vegetative/flowering).
- Standing crops like maize, vegetables, fodder crops, grapes, bhendi and chillies has been damaged due to heavy rain/ flood during last week in Amritsar, Ferozpur, Gurdaspur, Jalandhar, Kapurthala, Taran Taran, Moga, Ropar, Ludhiana districts.
- As most of the districts received excess rain during last week and light rain is likely to occur at isolated places for next five days, farmers are advised to postpone irrigation and intercultural operations. Arrange adequate drainage facilities to drain out standing water in rice, maize and cotton fields due heavy rain/floods during last week as standing water inhibits the growth and leads to reduction in yield
- Farmers are advised to complete sowing of short duration hybrid maize 3459, PMH2 & Parkash in the remaining areas of undulating plain comprising of Gurdaspur, Hoshiarpur, Ropar, and Patiala districts utilizing the rainfall during last week and as rainfall is also expected during next five days.
- Farmers are advised to undertake transplanting of brinjal in Bhatinda, Moga, Faridkot, Amristar and Mukstar districts utilizing the rainfall during last week and as rainfall is also expected during next five days.

Haryana

- **Standing Crops:** Rice (early vegetative / tillering), Sugarcane (vegetative), Horticulture crops (vegetative), Sunflower (vegetative/flowering) and Bajra(vegetative).
- Cucurbits, bhendi and chillies has been damaged in districts of Kurukshetra, Karnal, Yamunanagar, Panipat, Sonapat and Bhiwani due to flooding during last week.
- As most of the districts received sufficient rain during last week and rain is likely to occur at many places till tomorrow and isolated thereafter, farmers are advised to postpone irrigation and intercultural operation to the crops and also arrange for draining out excess water from the field.
- Farmers are advised to undertake transplanting of brinjal utilizing the rainfall during last week and as rain is likely to occur at many places in the State.

- Farmers are advised to apply top dressing of urea to bajra in Eastern zone comprising of Panchkula, Ambala, Faridabad, Kurukshetra, Karnal, Kaithal, Yamunanagar, Panipat, Sonapat & parts of Jind, Rohtak, Jhajjar, Gurgaon and Mewat districts after current spells of rain.

Delhi

- **Standing crops:** Maize (vegetative / tasseling / silking / cob formation stage), arhar, bajra and fodder sorghum (vegetative stage), Sugarcane (vegetative stage). *Kharif* rice (tillering stage).
- As there was sufficient rain during last couple of weeks and rain / thundershowers are likely at many places over the state for next 24 hours, postpone irrigation to the standing crops.
- As there is chance of only isolated rain after 24 hours, undertake intercultural operation to the standing crops.
- As weather will be conducive after 24 hours, farmers are advised to undertake earthing up to sugarcane crop.
- As this is the optimum time, the farmers are advised to sow carrot, transplant cauliflower seedlings and also to sow early maturing raddish varieties like Hill Queen on the ridge after current spells of rain.

Plant Protection:

- Apply plant protection measures after current spells of rain.
- There is chance of attack of stem borer in rice due to favourable weather condition. Farmers are advised to use pheromone traps within the crop field to reduce the infestation. Trichogramma card @ 1 – 3 cards/acre may also be used. Monocrotophos or phosphamidon @ 0.5 kg / ha may also be applied to control the insect.
- There is chance of attack of downy mildew in bajra due to favourable weather condition. Farmers are advised to collect and destroy the infected plants and also to apply Dithane Z 78 (0.2%) or Copper oxychloride (0.35%) after current spells of rain to control the disease.
- There is chance of attack of tikka leaf spot in groundnut due to favourable weather condition. Farmers are advised to apply 0.05% Bavistin + 0.2% Dithane M 45 after current spells of rain to control the disease.

Uttar Pradesh

- **Standing Crops:** Summer sugarcane (vegetative), Mango trees (fruit setting), Kharif Rice (proper time for transplanting), Kharif pulses and maize (proper time for sowing).
- As rain/thundershowers are likely at many places over the State during till tomorrow and isolated thereafter, postpone irrigation to sugarcane and early sown kharif crops.
- Undertake intercultural operations in early sown crops like maize, til, urd, on a non rainy day and application of fertilizers and pesticides after spells of rain.
- Farmers in Bahraich, Bareilly, Bijnore, Pillibhit, Rampur, Saharanpur and Sharaswati nagar are advised to complete transplanting of rice and also transplantation of seedling in place of rotten seedlings. Topdressing of recommended amount of Nitrogen may be done as per requirement in early transplanted rice after current spells of rain.
- Undertake transplanting of brinjal, tomato and chillies (plains) and cauliflower in hilly region. Complete sowing of soyabean utilizing the rainfall received during last week and good amount of rainfall is expected during next 2-3 days.
- **Plant Protection:** Weather conditions are conducive for mild incidences citrus canker in Allahabad, Banda, Barari, Chitrakut, Hamirpur, Jalaun, Jhansi, Lalitpur and Mahoba districts. Monitor the crop and spray Blitox @ 3-4 g/liter of water to control canker after current spells of rain.

J & K

- **Standing Crops:** Pulses (vegetative), Rice (vegetative stage in Kashmir division).

- As **rain**/thundershowers is likely at isolated places during next two days, apply irrigation to the standing crops in Kashmir division.
- In **Jammu** regions, drain out water from maize, bajra and pulses fields under water stagnation condition in low laying areas.
- **Undertake** sowing of cabbage and cauliflower in the nursery in Jammu and Kashmir divisions and planting of fruit crops like mango, citrus, litchi, loquat, guava, amla and papaya in Jammu division.
- Monitor brinjal, tomato and bhindi crops for phytoplasma in Jammu region. Rogue out the affected plant to prevent further spread.
- **Plant Protection:** Present weather is congenial for blight and leaf spot in tomato and downy mildew in cucurbits. Monitor the crops for the diseases and spray the crop with fixed copper @0.3% or diathane Z-78 @0.2% at 10-12 days intervals in Jammu region.

EAST INDIA [EAST UP, JHARKHAND, BIHAR, ORISSA, WEST BENGAL & SIKKIM]

Bihar

- **Standing Crops:** Sugarcane (vegetative), Kharif rice (early vegetative), Maize (vegetative), Pulses(vegetative)
- Transplanting of over aged photo sensitive rice varieties may be completed utilizing the rainfall during last week and 3-4 seedlings per hill in close spacing may be planted.
- As there was excess rainfall in most of the districts and rain/thundershower are likely at a few places over the State till tomorrow and isolated thereafter, postpone irrigation to the standing sugarcane, maize, arhar, til, sunflower and vegetable crops. Arrange for drainage facilities to avoid water stagnation.
- Land preparation for September sowing of arhar may be started with the realized rainfall during last week.
- Khaira disease has been observed in rice in some places of north west alluvial plain zone comprising West Champaran, East Champaran, Gopalganj, Siwan, Saran, Sitamarhi, Muzaffarpur, Madhubani, Darbhanga, Samastipur, Sheohar, Begusarai, Vaishali districts. Spraying of Zinc sulphate on affected crops may be done on a non rainy day.
- Undertake intercultural operations, spraying and application of fertilizers in maize, vegetables and pulse crops on a non rainy day.

Jharkhand

- **Standing Crops:** Kharif rice, arhar and Early sown maize (early vegetative).
- As there was excess rainfall in most of the districts and rain/thundershower are likely at a few places over the State till tomorrow and isolated thereafter postpone irrigation to early sown maize, arhar, urd and vegetables. Arrange for drainage facilities to avoid water stagnation.
- Farmers are advised to complete preparation of main field and undertake transplanting of kharif rice in low lands of remaining areas to be covered by utilizing the monsoon showers.
- Transplanting of tomato may be continued with varieties like Pusa rubi, Pusa early, selection-12 etc. in Dumka and adjoining districts by utilizing the monsoon showers.
- Undertake intercultural operations, spraying and application of fertilisers in early sown maize, arhar, urd and vegetables on a non rainy day.

Orissa

- **Standing crops:** *Kharif* Rice (proper time for transplanting), Sugarcane (vegetative), Maize, cotton (proper time for sowing of maize and cotton), Early sown crop (early vegetative), Early sown Jute (early vegetative).
- Start sowing of niger in the fallow up lands of East & South Eastern coastal plain zone comprising of Cuttack, Gajapati, Ganjam, Jagatsighpur, Nayagarh, Khurda, Kendrapara, Puri, North Central Plateau zone comprising of Mayurbhanj, Keonjhar and also Bhubaneswar districts as there was

sufficient rainfall occurred in these districts during last week and good amount of rainfall is expected during next five weeks. High yielding varieties such as Deomali and IGP-76 may be selected and adopt seed rate @ 4 kg seeds / acre along with seed treatment. As rain/thundershowers are likely to occur at many places till tomorrow and isolated thereafter, postpone irrigation to the standing crops.

- Farmers are advised to apply top dressing of fertilizers in transplanted rice and other crops after current spells of rain.
- Due to high rainfall and cloudy conditions in Bargarh, Bolangir, Boudh, Chiplima, Jharsuguda, Sambalpur, and Sonapur, there is possibility of stem borer and gall midge incidence in rice. Apply Carbofuran 3G @ 12 kg/ac after spells of rain.
- There is possibility of occurrence of aphid in maize crop in the prevailing weather in Keonjhar and Mayurbhanj districts and apply 300 ml Metasystox in 200 litre of water per acre as foliar spray after current spells of rain.
- Weather conditions are favourable for the attack of stem borer and blast in rice in Chiplima district. Monitor the crop for the pest and disease and spray Chlorpyrifos @ 400 ml/acre to control the pest and spray Biomycin @ 2 ml/liter of water after current spells of rain.

West Bengal

- **Standing Crops:** Sugarcane (vegetative), jute (vegetative / maturity), *Aus* rice (grain formation), Pigeon pea and soybean (vegetative), Already transplanted *aman* rice (early vegetative / tillering), This is the time for preparation of land and sowing / transplanting of *aman* rice, sowing of tomato, bhindi, ridge gourd, pumpkin, bitter gourd and nursery preparation of cauliflower.
- As most of the districts of West Bengal received rain during earlier weeks and rain is also likely to occur at a few places over the State for next 24 hours, postpone irrigation to the crops.
- The weather condition is conducive to undertake intercultural operation to keep the field weed free.
- As this is the proper time, undertake land preparation and transplanting of *aman* rice if not done till date.
- As the weather condition is favourable, prepare nurseries for early cauliflower. Select improved varieties of cauliflower like Kanwari, Jowhar, Moti, Early Patna etc.
- Undertake cultivation of tomato. Select improved varieties of tomato like Pusa Rubi, Pusa Early, Pusa Ketki, S-20, Roma Super etc. and some leaf curl virus tolerant hybrid varieties like NS-585, NP-5005, INDUM-9502, 9802 etc.
- As this is the proper time for sowing of vegetables like bhindi, ridge gourd, pumpkin and bitter gourd, the farmers are advised to sow these crops.

Plant Protection:

- There is chance of attack of sheath blight disease in *aman* rice in New Alluvial Zone due to favorable weather condition. To prevent the disease apply Carbendazim 1 gm or Propiconazole 1 ml per litre of water to the standing crop on a non-rainy day.
- In the prevailing weather situation, infestations of leaf-rot may be enhanced in chrysanthemum in New Alluvial Zone. Apply 1gm Carbendazim and 2 gm Mancozeb together per litre of water on a non-rainy day to control the attack.
- There is chance of attack of rice bug in *aus* rice in Red Lateritic zone. For controlling rice bug, apply Hostathion @ 1 ml per litre of water on a non-rainy day.

Sikkim

- **Standing Crops:** Orange (fruiting/harvesting), Large cardamom (capsule development / maturity), Ginger (vegetative).
- As rain/thundershower are likely at a few places over the State, apply irrigation to orange, large cardamom, ginger and vegetable crops.
- Gap filling / replanting may be continued in newly planted large cardamom in mid and low hills up to August. Planting materials may be selected from high yielding sucker nurseries free from pest / disease infestation or diseases free high yielding elite garden. Chirke and foorkey infected plants may be destroyed by uprooting / burial at regular intervals in the pits. Regular inspections may be carried

out to observe caterpillar/ shoot borer/shoot fly incidence if any and may be hand picked and destroyed mechanically. 1% Bordeaux mixture or copper oxychloride @ 3gm/ltr of water may be sprayed to the cardamom plants on a non rainy day to protect from fungal diseases.

- During the tillering stage, water level of 3-4 cm should be maintained in rice fields in medium and high hills to enable maximum tillering.
- Undertake earthing up and application of compost in seed potato in high hills on a non rainy day.
- Monitor ginger for bacterial wilt in Medium and High hills and collect and destroy the affected plants completely to prevent further spread of the disease.

NORTHEAST INDIA [ARUNACHAL PRADESH, NMM & T, ASSAM, MEGHALAYA]

Arunachal Pradesh

- **Standing crops:** Ginger (rhizome formation), Vegetables (harvesting), Wet seeded rice (vegetative), Jhum rice (grain formation), Millets (grain formation) and maize (cob formation).
- As there was excess rainfall in most of the districts during last week and rain/thundershower are likely at a few places over the State during next three days and increase in rainfall from evening of 26th August, postpone irrigation to the standing maize (cob formation) millet and ginger crops.
- Undertake intercultural operations on a non rainy day and application of fertilizers and pesticides in ginger, wet seeded rice, jhum rice and millets may be carried out after spells of rain.

Assam

- **Standing crops:** Sugarcane (vegetative), arhar (vegetative), early transplanted *sali* rice (early vegetative / tillering), vegetables (sowing / vegetative / flowering / fruiting).
- As most of the districts received rain during last week and rain / thundershowers are likely at a few places over the State for next three days, postpone irrigation to the crops.
- This is proper weather condition for preparation of land and transplanting of *Sali* rice. Before uprooting the seedlings from the nursery, apply Carbofuran @ 3.0 g/m² area in the seedbed to protect the seedlings from stem borer, gall midge, leaf folder etc in the main field.
- Prepare land and sow cauliflower, raddish etc. as early season crop. The early varieties of cauliflower like Pusa Keteki, Pusa Deepali, Early Kuwary, Early Chinese Prince, Jowahar Moti etc. can be sown. Select varieties from Pusa Himani, Pusa Deshi etc. for sowing of raddish.
- This is also proper time for sowing of sesamum. Select recommended varieties of sesamum like Madhabi, Gauri, Binayak, Punjab Til No-1 etc.

SOUTH INDIA [TN, AP, KERALA, KARNATAKA, LAKSHADWEEP, ANDAMAN & NICOBAR ISLANDS]

Andhra Pradesh

- **Standing Crops: Sugarcane (grand growth), Rice (transplanting/vegetative)**

Coastal AP

Plain Land

- Farmers in Krishna, Guntur and Prakasam districts are advised to continue transplanting of rice (BPT 5204) after receding of water from the fields. In early transplanted crop, drain out the excess water and top dress urea.

Plant Protection: Due to continuous rain, damping off disease is reported in chillies. Spray Copper oxy chloride to control the disease. Undertake resowing of cotton crop and gap filling to maintain optimum plant population where the crop was damaged due to heavy rainfall.

High Altitude Areas

- Farmers in high altitude regions of Srikakulam, East Godavari, Vijayanagaram, Visakappattinam and Khammam are advised to continue transplanting of Sarwa rice upto end of August.

Plant Protection: Due to high humidity and cloudy conditions in parts of Visakappattinam district, attack of leaf folder is reported in early transplanted rice and blast in ragi. Spray Chlorpyrifos @ 2 ml/liter of water to control leaf folder. Spray Hinosan to control blast.

- Attack of stem and bud necrosis and sucking pests is reported in groundnut in Ananthapur and Cuddappah districts. Farmers are advised to undertake plant protection measures to control the pests.

- Due to heavy rainfall during last week and stagnation of water in Srikakulam, Vijayanagaram and Visakappattinam districts, attack of cut worm and sheath blight is reported in Swarna varieties of rice. Also due to high humidity and cloudy conditions, attack of blast is reported. Farmers in these districts are advised to undertake plant protection measures to control the pests and diseases. Farmers in Srikakulam are advised to complete transplanting of rice (RGL 2537, Srikakulam Sannalu and Swarna Mashoori) with realized rainfall during last week and also with possibility of good amount of rainfall for the next five days

Rayalaseema

Farmers in all the districts are advised to go for intercultural operation in early sown *kharif* crops under prevailing normal weather condition.

Plant Protection: Attack of red hairy caterpillar in groundnut, stem borer in paddy and internode borer in sugarcane is reported in Chiththoor district. Farmers are advised to undertake plant protection measures to control the pests and diseases. Farmers are advised to continue sowing of castor, red gram, horse gram and tomato in August.

Telangana

Due to heavy rainfall during first fortnight of August in Karimnagar, Nizamabad and Adilabad districts, cotton and soyabean crops were partially damaged. Farmers are advised to undertake sowing of sorghum, sunflower and red gram, where the crops were completely damaged, after receding of water. Farmers in all the districts are advised to go for intercultural operation under prevailing normal weather condition.

Karnataka

- **Standing Crops:** Annual sugarcane (tillering), Early sown Kharif crops (vegetative).

Coastal Karnataka

- Farmers are advised to undertake transplanting of rice (Jyoti, MO 4 and Champaka) in Udupi and Dakshin Kannada. If nursery is not raised, undertake direct drum seeding of rice. Also undertake intercultural operations in early transplanted rice, cashew and banana.
- **Plant Protection:** Due to intermittent rains during last week, attack of case worm was noticed in rice. Farmers are advised to monitor the crop and pull rope across the field to reduce the pest population and spray Quinalphos @ 2 ml/litre to prevent further incidence.
- Due to high humidity, Colerago may attack arecanut. Monitor the crop and spray Bordeaux mixture @ 1%.

North Interior Karnataka

- Due to deficient/scanty/no rain conditions in Bellary, Bijapur, Bagalkot, Raichur and Koppal districts, rainfed crops have been severely affected. Detailed report is in Annexure II. Sowing of the crops (as in Annexure III) in Bellary, Bijapur, Bagalkot, Raichur and Koppal can be taken up during August second fortnight as and when sufficient rainfall is received.
- Farmers in Bidar region are advised to continue sowing of sunflower till the end of August with realized rainfall during last week.
- In view of sufficient amount of rainfall received during last week (21 mm), farmers in Gulbarga district are advised to continue sowing of sunflower (KBSH 1, RSH 1, SP 275, SP244 and Darsa Kaveri) during second fortnight of August.
- Farmers in Raichur area are advised to continue sowing of cotton (Bt cotton) and late varieties of red gram (GS 1, Maruti, PT 221 and Asha) wherever there is access to canal water.
- Farmers are advised to undertake sowing of maize (Kargil and M 330) due to conducive weather conditions. Also undertake resowing of groundnut (JL 24) replanting of onion may be undertaken where seed germination is poor due to insufficient rainfall received during first week of August.
- **Plant Protection:** Due to cold and cloudy weather conditions, attack of sucking pests in cotton, leaf eating caterpillars and leaf spot in groundnut and thrips, mites and murda complex in chillies is

reported in Dharwad. Spray Dimethoate @ 1.7 ml to control sucking pests in cotton, Methyl Demeton @ 1 ml/litre of water to control eating caterpillars and Chlorothalonil @ 0.2% to control leaf spot in groundnut.

South Interior Karnataka

- Farmers in Mysore and Tumkur districts are advised to undertake sowing of ragi (GPU 28 and Indaf 5), sunflower (KBSH 41 and 44), maize (NAC 6004 and NAC 6002 varieties and Nityashri hybrid) and short duration pulses like green gram, black gram, cowpea and horse gram upto next month. With the receipt of water from KRS, undertake transplanting of rice (Thella, Hamza, KRH 1, Mangala, Mukthi, Bilimukthi and Rasi) and undertake planting of sugarcane (CO varieties – 419, 62175, 7804, 8371 and 86032). Due to cloudy weather, attack of blast is reported in rice and ragi nursery. Spray Hinosan or Kitacin @ 1 ml/litre of water to control the disease.
- In Molakalmur taluk of Chitradurga district, due to scanty rainfall upto first week of August, sowing of groundnut, castor and red gram could not be undertaken. Due to sufficient rainfall received during last week, farmers are advised to continue sowing of these crops now.
- **Plant Protection:** Due to excess moisture, incidences of Tikka leaf spot, Sclerotium rot and leaf eating caterpillar in groundnut, wilting and sucking pests in cotton, aphids in tobacco, Colerago in arecanut and stem borer, leaf folder and blast in rice are reported in Shimoga. Farmers are advised to drain out excess water

Kerala

- **Standing Crops:** Rice (tillering)
- Rain/thundershowers are likely to occur at isolated places for the next three days. Farmers are advised to apply irrigation to rice and plantation crops.
- Farmers in Malappuram, Kasargod, Kozhikode and Kannur districts are advised to undertake intercultural operations and application of fertilizers in plantation crops (coconut, arecanut, pepper and cashew) and rice.
- Farmers in Wayanad and Idukki are advised to continue transplanting of Nanja rice (Samata Triveni, Wayanad 1, Kanchana, Varsha and Uma) with realized rainfall during last week and also with possibility of good amount of rainfall for the next five days. Undertake intercultural operations in coffee, pepper and ginger.
- **Plant Protection:** Weather conditions are favourable for the attack of leaf roller and case worm in Kottayam. Monitor the crop and spray Sevin @ 4 g/litre of water. Due to congenial weather, spread of leaf roller and gall fly and sheath blight, leaf spot and bacterial leaf blight is expected in Kasargod, Kannur, Kozhikode, and Malappuram. Spray Ekalux @ 1 ml/litre to control leaf roller and gall fly. Spray Bavistin @ 1 ml/litre to control sheath blight and leaf spot and spray fresh cowdung @ 20 g/litre to control bacterial leaf blight.
- Rice bug incidence may occur in rice at milk/dough stage in Thrissur and Thiruvananthapuram. Spray Malathion @ 2 ml/liter or Metacid @ 1 ml/liter to control the pest.
- Attack of mahali disease is reported in arecanut in Thrissur. Apply 1% Bordeaux mixture to control the disease.
- Weather conditions are favourable for the spread of Sigatoka leaf spot in and Kottayam, Malappuram, Kasargod, Kozhikode, Kannur and Thiruvananthapuram districts. Spray *Pseudomonas* @ 2 g/litre of water or Bordeaux mixture @ 1%.

Tamilnadu

- **Standing Crops :** Rice (Kuruvai) (transplanting), Early, Mid Sugarcane (cane development/ maturity stage), Special season sugarcane (grand growth stage) Sorghum (vegetative) Cotton (boll maturity/picking stage)

- Apply irrigation to groundnut, sugarcane and pulse crops as there was no significant rainfall during last week and rain/ thundershowers likely at isolated places over the State.
- Continue transplanting of Kuruvai rice in the main field in Thanjavur, Trichy, Karur, Nagappattinam and Perambalur districts using canal water.
- Undertake sowing of bhindi, tomato and cowpea in Chennai, Cuddalore, Kanchipuram, Thiruvarur, Thiruvannamalai, Vellore and Villupuram districts using irrigation water.
- Most parts of Namakkal district had received good spell of rains in the last two days and by utilizing the moisture in the field, farmers are advised to sow rice (CORH-3, CO-R-4 and CO-R-49), hybrid maize (CO-HM-5), groundnut (VRI-6, VRI-7, TMV-13) and red gram (Vamban-3 and CO-RG-7).
- Monitor poultry birds for Gumboro disease and undertake vaccination to prevent further spread in Namakkal area.
- **Plant Protection:** Present weather is conducive for mild incidences of sheath rot disease in paddy in Coimbatore district. Spray Carbendazim @ 250 g/ha to control the disease.

WEST INDIA [GOA, MAHARASHTRA, GUJARAT, RAJASTHAN]

Maharashtra

- **Standing Crops:** Sugarcane (pre-seasonal) (elongation / cane development), sugarcane (*Suru*) (active growth / elongation) irrigated cotton (floral bud formation), *kharif* groundnut (flowering / pegging in Kolhapur, vegetative / flowering in other parts of the State), *kharif* cotton (vegetative / floral bud initiation), *kharif* rice (active tillering / flag leaf initiation in South Konkan and tillering in other parts of the State), tur and sunflower (germination / early vegetative / vegetative), black gram and green gram (early vegetative / vegetative / flowering / pod formation).
- The weather is favourable for carrying out intercultural operation to keep the field weed free.
- As there is chance of less rain, apply second dose of Nitrogen (i.e. 870 gm Urea per 1 R area) to *kharif* rice after thinning & gap filling in South Konkan and Sub Montane zone.

Plant protection

- There is chance of occurrence of mealy bug in cotton and powdery mildew in green gram in Central Vidarbha zone due to favourable weather condition. To control mealy bug in cotton, spray *Vertisilium lekaini* or *Metarizium annesopli* bacteria @ 40 gm in 10 liters water. If infestation is more spray 75 % Acipheth @ 30 gm or 76% Dichlorovhos @ 20 ml or 40% Trizophos @ 20 ml in 10 liters of water with 20 gm soap powder. To control powdery mildew in green gram, spray Dinocap @ 10 ml or Tridemorf @ 5 ml or Sulpher @ 30 g in 10 liters of water.
- There is chance of infestation of Leaf roller in *kharif* rice in North Konkan. For control spray 10 % Carbaril powder @ 20 gm or Malathion @ 15 ml in 10 liters of water.
- There is possibility of occurrence of downy mildew in groundnut and other pulses in South Konkan. To control spray Dithane M-45 or Dithane Z-78 @ 2.5g /liter of water. Use 0.5 to 1.0 ml. sticker for spraying.

Gujarat

- **Standing Crops:** Sugarcane (vegetative), *Kharif* groundnut (vegetative), *Kharif* cotton (early vegetative / vegetative), *Kharif* rice (early vegetative / tillering), Other *kharif* crops (land preparation and sowing / germination / early vegetative / vegetative).
- Weather condition is favourable to carry out intercultural operation in standing crops in all the districts of Gujarat State.

North Gujarat

- In this region, the districts like **Anand, Vadodara, Kheda, Panchmahal** and **Dahod** received rain during last few weeks. As the weather condition is conducive, the farmers of these districts are advised to undertake transplanting of vegetables and tobacco seedlings at the earliest. Suitable

varieties of tobacco are Anand 119, GT – 4 and GT – 7 for rained conditions and A – 2, 119 GT – 5, 9 and GTH – 1 for irrigated conditions.

- As there is less chance of occurrence of rain, apply 40 kg N / ha to *kharif* rice at 21 days after transplanting.

South Gujarat

- As all the districts of **South Gujarat** region received well distributed rain during the season, in most of the areas the standing crops are at good condition.
- In some localities where cotton crop failed due to heavy rain, castor variety GAUCG-4 or GAUCH-5 or GAUCH-6 may be sown. In case of failure of pigeon pea, resowing should be done with pigeon pea.

Suarashtra and Kutch

- As most of the districts of this region received rain during last few weeks, the standing crops are at good condition.

Rajasthan

- **Standing Crops:** Groundnut, bajra, jowar, maize, sesame, cluster beans, red gram, cotton, vegetables. All the crops are at vegetative stage.
- As rain/thundershower are likely at few/isolated places over the State during next three days apply irrigation to the crops.

East Rajasthan

- Farmers in Alwar, Bharatpur, Dholpur, Karauli and Sawai Madhepur are advised to drain out excess water from the fields of bajra, jowar, maize, sesame, cluster beans, red gram, cotton, groundnut, fruits and vegetable crops. Complete planting of mango, guava, lime, ber, aonla, pomegranate and karonda etc. at the earliest.
- Vaccinate the cattle to save from infections against FMD and BQ in Alwar, Bharatpur, Dholpur, Karauli and Sawai Madhepur.
- Mastitis disease may be seen in milch animals. In this disease Mammary glands & teats become swollen & blood spots in milk may be seen. Treat the affected animal under the guidance of veterinary Doctor. (Alwar, Bharatpur, Dholpur, Karauli and Sawai Madhepur)
- **Plant Protection:** Weather conditions are favourable for mild incidences of Tikka leaf spot in groundnut in Alwar, Dholpur, Bikaner and Jaisalmer. Monitor the crop for the pest. To control the pest, spray Carbendazim @ 500 ppm.
- Weather conditions are favourable for mild incidences of white fly and jassids in cotton in Alwar and Dholpur. Monitor the crop for the pest. To control the pest, spray Dimethoate or Methyl Demeton @ 1 litre/ha.
- Weather conditions are favourable for wilt in Clusterbean in Alwar, Bharatpur, Dholpur, Karauli and Sawai Madhepur. Spray Streptocyclin @ 100 ppm to control wilt.
- Ergot disease may attack pearl millet crop (at panicle initiation stage) in Dausa and Jaipur. Spray Zineb @ 2.5 kg or Mencozeb @ 2 kg per hectare 2-3 times at an interval of 3 days.
- Blight disease may attack tomato, brinjal & chilli crops in Ajmer, Dausa, Tonk due to continuous cloudy weather. In this disease brownish spots are formed on leaves farmers are advised to spray mencozeb @ 2 gm or copper oxychloride @ 3 gm or Redomil MZ-2 gm per litre water.
- Bacterial blight attack is reported in green gram, moth bean & cowpea crop in Ajmer, Dausa, Tonk. Spray Streptocyclin @ 1 gm & copper fungicide @ 20 gm per 10 litre water.

West Rajasthan

- Farmers in Jalore and Jodhpur are advised to sow bajra and other pulsed. Short duration varieties of pulsed may be taken up for sowing. Optimum spacing may be maintained. Carry out intercultural operations for application fertilizers.
- Weather condition is conducive for sowing of chillies and other vegetables.
- Farmers in Pali district are advised to undertake planting of short duration fodder crops on priority basis. Apply first dose of nitrogen fertilized to cotton crop.
- **Plant Protection:** Weather conditions are favourable for mild incidences of bacterial blight in cluster beans in Bikaner and Jaisalmer districts. Monitor the crops for the disease. To control bacterial blight, spray Streptocyclin @ 1g/10 liters of water + Copper oxychloride @ 0.2%

CENTRAL INDIA [M.P., CHHATTISGARH]

Madhya Pradesh

- **Standing Crops:** Sugarcane (grand growth), soyabean (vegetative), maize (vegetative), cotton (vegetative) and vegetable crops (nursery/transplanting).
- As there was no significant rainfall during last week and rain / thundershower is likely at a few places over the State till tomorrow, apply irrigation to the crops.
- Prepare land and nursery for medium varieties of cauliflower. Undertake land preparation and planting of *kharif* vegetables like brinjal, tomato, early cauliflower and chilli in Jabalpur, Katni, Panna, Rewa, Satna, Seoni and Sidhi districts with a possibility of 25-35 mm rainfall during next five days. Also undertake planting of guava, citrus, mango and anola during this period.
- **Animal Husbandry:** Due to rainy conditions, vaccinate the cattle to save from infections/diseases like Anthrax, Galgotu, Black Quarter and FMD etc in Ujjain, Ratlam, Shajapur, Rajgarh, Neemuch, Mandsaur, Indore, Jabalpur and Dewas. Keep the sheds aerated and dry.
- **Plant Protection:** There is chance of attack semilooper and girdle beetle in soybean in Jabalpur, Katni, Panna, Rewa, Satna, Seoni and Sidhi districts. Monitor the crop for the pests and undertake plant protection measures on a non rainy day to control the pest.
- Weather conditions are favourable for the incidences of green leaf hopper in maize and sucking pests in vegetable crops. Apply Phorate to control green leaf hopper and spray Methyl Demeton @ 1 ml/litre of water to control sucking pests on a non rainy day.

Chattisgarh

- **Standing Crops:** Autumn sugarcane (vegetative), Soybean, groundnut and black gram (vegetative / flowering), *kharif* rice (early vegetative / tillering), pigeon pea, green gram and sesame (early vegetative / vegetative / flowering).
- As Bilaspur, Janjgir, Jashpurnagar, Korba, Koriya, Raigarh and Surguja districts received sufficient rain during last week, postpone irrigation to the standing crops in these districts. As the remaining districts received no significant rain during last week and rain / thundershower is likely to occur only at a few places over the State till tomorrow and at isolated places after that, apply irrigation to the standing crops in these districts.
- Conditions are favourable for biasi and transplanting of *kharif* rice in most of the districts of the State except some parts of Rajnangdaon, Durg and Kanker districts. Farmers are advised to complete the transplanting and 'biasi' of rice as early as possible, wherever 5-10 cm of standing water is accumulated in the rice fields. 'Saghan Chalai' (Gap filling after biasi) should be done at the earliest after 'biasi' operation.
- Due to poor rain during earlier weeks in Rajnangdaon, Durg and Kanker districts, some parts are presently under deficit rainfall conditions and farmers could not be able to complete the transplanting of *kharif* rice in time within 20-25 days of nursery sowing. Hence, if old aged nurseries (more than 35

days) are used for transplanting, then under delayed transplanting conditions, planting of 3-4 seedlings/hill is recommended with 15-20 % more chemical fertilizers.

- As the weather condition is favourable, undertake intercultural operation to keep the crop fields weed free. Also apply N in maize at knee high stage and 1st split dose of N at 3 weeks after transplanting and 2nd split dose of N at 6 weeks after transplanting in *kharif* rice.
- This is proper time for preparation of land and transplanting of chilli and brinjal and preparation of nurseries of early varieties of cabbage and cauliflower.
- Undertake sowing of okra as soon as possible. To save the crop from Yellow vein mosaic resistant varieties such as Pusa Vaibhav, Arka Anamika and Pusa Savani should be chosen. Also undertake sowing of cowpea and beans.

Annexure I
Rainfall distribution in different regions of the country during last
Five weeks (17/07/08 to 13/08/08)
NORTH WEST INDIA

Punjab

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Amritsar	-85	-100	57	339	7	Kapurthala	-78	12	**	-100	603
Bhatinda	-65	-70	9	-34	99	Ludhiana	-34	-93	248	81	163
Faridkot	-35	-100	-100	304	-100	Moga	-61	-100	167	45	28
Fatehgarh	-48	-100	-83	-56	-23	Muktesar	-100	-100	360	92	-100
Ferozpur	-100	-100	-100	3	-79	Nawashahar	-88	-100	482	-13	338
Gurdaspur	-59	-99	12	3	133	Patiala	-79	-78	40	250	26
Hoshiarpur	58	-96	138	77	144	Ropar	-53	-59	254	-9	156
Jalandhar	-40	-87	117	33	247	Sangrur	-89	-94	-86	-62	26

Delhi

23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
-86	-52	-26	20	57

Haryana

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Ambala	679	-36	174	109	40	Karnal	520	-96	-25	-18	25
Bhiwani	3733	-88	311	232	55	Kurukshetra	**	-100	-73	-31	-31
Chandigarh	755	-60	361	40	-9	Mahendragarh	2757	-93	264	-4	-25
Faridabad	**	-34	-83	4	-77	Panchkula	4900	-96	-28	7	-63
Fatehabad	**	-100	-59	-28	343	Panipat	-63	-100	-59	-45	-36
Gurgaon	**	-81	-80	-4	5	Rewari	**	-72	19	-21	-53
Hissar	521	-100	-52	46	-54	Rohtak	2242	-72	-80	7	-31
Jhajar	**	-62	102	169	-9	Sirsa	4125	-99	35	93	-6
Jind	**	-96	-54	37	10	Sonepat	-26	-42	-17	96	90
Katihah	**	-100	76	-13	-34	Yamunanagar	-28	-40	127	-43	-8

Himachal Pradesh

District	23/07/08	30.07.08	06.08.08	13.08.08	20.08.08	District	23/07/08	30.07.08	06.08.08	13.08.08	20.08.08
Bilaspur	431	26	-21	82	123	Lahaul & Spiti	**	-94	-73	-52	58
Chamba	**	-63	-61	-73	-35	Mandi	-15	-55	-25	-47	8
Hamirpur	312	-61	10	20	38	Shimla	53	-68	-29	5	132
Kangra	53	-44	18	-49	26	Sirmaur	1626	-37	-21	-40	12
Kinnaur	-74	-99	-50	149	115	Solan	**	-63	-23	-6	76
Kullu	18	27	70	43	130	Una	263	-65	135	136	209

West UP

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Agra	-75	-66	28	-37	77	Jhansi	-45	-14	84	-68	-38
Aligarh	-99	**	-95	-62	230	Jotiba Phule Nagar	**	**	-32	**	**
Auraiya	-98	185	-60	-68	145	Lalitpur	-100	-100	-93	**	**
Badaun	-5	-43	**	-84	-25	Mahamaya Nagar	**	**	**	**	**
Baghpat	39	-100	-100	**	89	Mainpuri	-28	-54	-98	-100	**
Bareilly	236	-35	2	-49	187	Mathura	18	7	196	72	79
Bijnor	-80	**	**	-100	-17	Meerut	-85	-69	-96	-100	-77
Bulandsahar	-14	-52	10	6	220	Moradabad	34	-98	66	-21	44

Etah	-100	**	**	**	**	Muzaffarnagar	-76	-88	**	**	-100
Etawah	-78	8	-72	-50	36	Pilibhit	-55	-92	**	-99	-87
Firozabad	-74	-79	-100	-90	**	Rampur	-20	-100	**	**	**
Ghaziabad	-97	-100	-100	**	**	Saharanpur	-73	-50	**	**	**
Hamirpur	-57	59	-43	-47	15	Shahjahanpur	137	-16	-85	-12	221
Jalaun	-99	44	-67	-38	-29						

Uttarakhand

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Almora	-31	-86	-42	-96	-88	Haridwar	68	64	-42	-84	220
Chamoli	-7	23	-11	17	-24	Nainital	46	-79	-14	-49	233
Champawat	34	-42	3	33	85	Pithoragarh	-71	-75	-65	-52	-81
Dehradun	38	-58	72	31	48	Rudrapur	-76	-55	-60	-29	-31
Garhwal (P) Pauri	2	-100	15	-50	-37	Udhampur	**	-88	-99	**	**
Garhwal (T) Tehri	-40	-48	-5	-55	172	Uttar Kashi	-2	1	48	39	-15

EAST INDIA

West Bengal (GWB)

District	23/07/08	30.07.08	06.08.08	13.08.08	20.08.08	District	23/07/08	30.07.08	06.08.08	13.08.08	20.08.08
Bankura	53	61	-33	-22	129	Murshidabad	95	**	-95	-65	44
Birbhum	72	-66	-50	68	26	24 Pargana (N)	68	-71	-73	-60	-91
Burdwan	58	19	-69	55	44	Nadia	-51	-44	-74	-49	46
Hooghly	**	-81	-60	24	5	Purulia	17	54	-47	-18	49
Howrah	-81	-12	-50	-8	-42	24 Pargana (S)	-63	-55	-63	10	-2
Midnapore	28	-34	-66	61	-1						

SHWB

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Coochbehar	134	-34	-16	13	106	Malda	88	13	-13	20	100
Darjeeling	-12	-45	94	1	70	Dinajpur (N)	40	-79	47	**	**
Jalpaiguri	96	-50	23	-13	73	Dinajpur (S)	48	-65	133	95	2

Orissa

Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Angul	**	-11	-24	**	-6	Kandhamal	**	-7	-14	**	-35
Balasore	**	15	-56	**	-26	Kendrapara	**	-35	-77	**	-3
Bargarh	**	-6	-69	**	-4	Keonjhar	**	132	-26	**	-22
Bhadrak	**	-17	-54	**	-9	Khurda	**	39	-2	**	-4
Bolangir	**	61	-39	**	79	Koraput	**	82	29	**	19
Boudh	**	51	-21	**	-31	Malkangiri	**	160	3	**	-56
Cuttack	**	102	6	**	27	Mayurbhanj	**	39	-38	**	-10
Deogarh	**	-86	-35	**	-24	Nawapara	**	-13	-15	**	-7
Dhenkanal	**	56	-20	**	-9	Nawarangpur	**	284	88	**	68
Gajapati	**	15	-2	**	15	Nayagarh	**	209	79	**	105
Ganjam	**	121	**	**	47	Puri	**	91	31	**	-38
Jagatsingpur	**	-10	-43	**	45	Rayagada	**	-11	18	**	-7
Jajpur	**	34	-55	**	-36	Sambalpur	**	-18	-32	**	-2
Jharsuguda	**	21	-83	**	138	Sonepur	**	18	-40	**	43
Kalahandi	**	74	-23	**	32	Sundargarh	**	40	-41	**	55

Bihar

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Araria	160	43	-67	-65	297	Madhepura	**	**	**	**	**

Aurangabad	-15	-15	-95	91	30	Madhubani	81	-64	-69	-76	55
Begusarai	**	**	**	**	**	Monghyar	380	-46	-49	240	306
Bhabua	**	**	**	**	**	Muzaffarpur	239	-38	-67	17	79
Bhagalpur	62	-62	-97	26	75	Nalanda	**	**	**	**	**
Bhojpur	**	-70	-98	7	89	Patna	75	-43	-94	146	105
Buxar	-46	-44	-99	216	87	Purnea	148	-79	42	24	308
Darbhanga	141	-25	-75	-80	-11	Rohtas	-52	-56	-96	97	18
East	121	-52	-72	22	189	Saharsha	127	-28	-9	-19	239
Gaya	-63	-85	-92	-27	55	Samstipur	86	-53	-93	-63	65
Gopalganj	**	**	**	**	**	Saran	**	**	**	-61	**
Jhanabad	30	-45	-100	-32	**	Sitamarhi	26	6	-99	232	96
Jamui	**	**	**	**	**	Siwan	190	-43	-74	-20	154
Kathihar	-32	-89	-41	48	130	Supaul	-30	-90	-98	-61	-71
Khagadia	217	-68	-84	-20	191	Vaishali	50	-85	-98	-92	95
Kishanganj	**	**	-96	**	**	West	175	-52	-58	60	93

Jharkhand

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Bokaro	-11	-37	-80	26	77	Lohardagga	**	**	**	**	**
Dhanbad	21	-12	-80	-9	9	Pakur	**	**	**	**	**
East Singbhum	-7	-55	-70	-35	173	Palamau	-14	-66	-67	72	62
Girioih	24	45	-42	**	69	Ranchi	9	25	-70	48	38
Godda	**	**	**	**	**	Sahebganj	**	**	-87	**	**
Gumla	**	**	**	**	**	Santhal Parganas	41	-40	-77	23	-4
Hazaribagh	3	-1	-82	123	248	West Singbhum	-97	48	-80	-75	-60
Koderna	**	**	**	**	**						

Uttar Pradesh (East UP)

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Allahabad	-65	23	-92	143	48	Kanpur	-37	-26	-97	-47	39
Amd Nagar	-35	2	-84	**	**	Kheri	150	25	-28	-65	147
Azamgarh	-72	-100	-100	-69	48	Kushi nagar	-37	-21	**	-5	**
Bahraich	4	-78	-56	-15	91	Lucknow	144	66	-55	-86	207
Ballia	34	-33	-90	134	127	Maharajganj	11	-94	-99	16	**
Balrampur	142	-96	-94	-47	135	Mau	8	-14	-95	-77	-100
Banda	-57	15	-84	-24	11	Mirzapur	-58	-29	-68	**	234
Barabanki	16	37	-88	24	121	Pratapgarh	-22	58	-44	-20	-4
Basti	93	31	-66	69	6	RaiBareilly	-28	-23	-96	-25	127
Deoria	-94	-76	**	**	-74	S M Nagar	**	**	**	-6	**
Faizabad	124	-38	-52	**	130	S R Nagar	51	-77	**	-97	**
Farrukhabad	211	-22	-45	-23	95	Shrawasti	4	-59	-44	-51	131
Fatehpur	-41	5	-94	-54	65	Sidharthnaga	229	-73	-50	-8	48
Gazipur	-45	44	-96	-82	51	Sitapur	197	78	-64	91	216
Gonda	-51	-60	-83	-9	124	Sonbhadra	-40	-90	-98	-82	-34
Gorakhpur	150	-53	-93	-59	182	Sultanpur	58	32	-92	98	158
Hardoi	138	**	-85	40	176	Unnao	48	-21	-99	-100	-99
Jaunpur	3	54	-99	-89	165	Varanasi	8	52	-98	-13	412
Kanpur City	-77	-7	-62	107	191						

Sikkim

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Sikkim	-12	-19	-26	-4	36

NORTHEAST INDIA

Assam

Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Barpeta	**	-69	33	407	221	Kamrup	**	-48	-66	33	-3
Bongaigaon	**	-64	-41	295	148	Karbj Analog	**	2	54	-33	185
Cachar	**	17	106	-31	39	Karimganj	**	-47	28	-69	-77
Darrang	**	-45	-90	-61	-53	Kokrajhar	**	-61	-23	254	195
Dhubri	**	-79	-91	-30	-86	Lakhimpur	**	-61	-7	-46	91
Dibrugarh	**	-49	-8	-25	5	Morigaon	**	-2	-37	-11	-6
E G Hills	**	**	-62	89	109	N.C.Hills	**	**	**	**	**
E K Hills	**	11	-26	83	218	Nalbari	**	-12	-55	107	-19
Goalpara	**	-43	-77	164	94	Nowgong	**	-67	-17	-44	-17
Golghat	**	42	-48	-46	49	Sibsagar	**	-67	153	-90	-69
Hailakandi	**	-55	281	42	31	Sonitpur	**	-2	40	41	-42
Jaintia Hills	**	**	**	**	**	Tinsukia	**	-25	52	-70	52
Jorhat	**	-67	20	6	-36						

Arunachal Pradesh

Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Changlang	**	-73	-33	-58	-49	Tawang	**	23	64	-30	18
DValley	**	**	**	**	**	Tirap	**	-25	29	-40	72
E Kameng	**	-11	-57	33	218	U Siang	**	**	**		**
E Slang	**	-58	-12	-42	87	USubansiri	**	-48	-54	33	3
Lohit	**	-42	52	-70	11	W Kameng	**	40	176	151	152
LSubansirt	**	-57	-39	29	-71	W Stang	**	-87	**	65	**
Papumpara	**	-1	410	476	272						

SOUTH PENINSULA

Andhra Pradesh

Coastal A.P

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
East Godavari	-4	83	218	88	67	Sirkakulam	-24	129	7	78	29
Guntur	43	69	154	290	-2	Visakhapatnam	-35	74	-15	45	-8
Krishna	14	89	226	364	22	Vizianagram	31	214	6	42	79
Nellore	-2	123	-36	64	200	West Godavari	53	85	233	147	94
Prakasam	116	12	-26	116	-8						

Telangana

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Adilabad	-47	7	152	48	-75	Medak	-38	4	30	381	-53
Hyderabad	-73	55	149	558	67	Nalgonda	27	-2	188	359	22
Karimnagar	-26	-8	110	153	-67	Nizamabad	-28	55	34	170	-64
Khammam	3	99	189	198	114	Rangareddy	-63	32	95	360	-18
M nagar	-55	3	12	79	-1	Warangal	7	41	240	238	53

Rayalseema

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Anantapur	86	39	-23	-9	-76	Cuddapah	-33	-47	-30	-33	44
Chittoor	21	82	-79	-19	97	Kurnool	8	47	34	73	-43

Kerala

District	23/07/08	30.07.08	06.08.08	13.08.08	20.08.08	District	23/07/08	30.07.08	06.08.08	13.08.08	20.08.08
Alappuzha	42	103	-100	68	-65	Kozhikode	-95	33	-51	362	-65
Kannur	-94	20	-92	199	-42	Malappuram	-91	39	-86	41	-84
Ernakulam	-25	8	-57	26	-25	Palakkad	-88	60	-32	27	-73

Idukki	-37	96	-100	101	-51	Pathanamthitta	39	123	-100	130	-76
Kasaragod	-77	39	-76	-100	-5	Thiruvananthapuram	-25	141	-86	-34	-65
Kollam	-5	162	-100	65	-81	Thrissur	-69	15	-95	29	-57
Kottayam	1	70	-94	83	-42	Wyanad	-85	28	-80	121	-81

**Karnataka
Coastal Karnataka**

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
D Kannada	**	60	-34	-13	-14	U Kannada	**	31	-29	-16	-11
Udupi	**	37	-50	-17	3						

North Interior Karnataka

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Bagalkote	**	-16	-56	-47	-91	Gadag	**	-25	-67	-23	-83
Belgaum	**	32	30	21	-33	Gulbarga	**	89	16	-28	-53
Bidar	**	38	74	3	-96	Haveri	**	52	17	13	-14
Bijapur	**	-4	-30	-59	-97	Koppal	**	-16	-1	-50	-78
Dharwad	**	28	8	10	-64	Raichur	**	9	-47	-62	-59

South Interior Karnataka

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Bangalore R	**	71	-25	-2	182	Hassan	**	58	-57	-39	-66
Bangalore U	**	145	13	47	258	Kodagu	**	191	25	15	-42
Bellary	**	-35	-27	-44	-47	Kolar	**	103	-43	28	13
Chamarajnar	**	101	-60	12	-28	Mandya	**	110	-64	61	38
Chickmagalur	**	149	8	30	-1	Mysore	**	162	-33	8	-40
Chitradurga	**	51	-10	7	-14	Shimoga	**	102	-14	6	-3
Davangere	**	44	4	-7	-28	Tumkur	**	145	-35	47	79

TamilNadu

Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Chennai	-100	-47	-69	-75		Pudukottai	117	-68	-97	-94	
Coimbatore	168	777	253	648		Ramanathapuram	81	-41	-95	-100	
Cuddalore	28	-20	106	-99		Salem	216	-5	-49	23	
Dharmapuri	120	-37	-81	109		Sivaganga	64	5	-47	-100	
Dindigul	77	-53	-39	-84		Thanjavur	173	-56	-70	-91	
Erode	252	-86	-100	-39		Theni	-62	792	71	384	
Kanchipuram	-17	-38	**	-76		Tirunelveli	-61	386	-73	496	
Kanyakumari	-60	550	-72	179		Tiruvallur	-25	23	-85	-65	
Karur	165	-99	-93	-99		Tiruvannamalai	121	-57	-32	-93	
Krishnagiri	170	-26	-27	-22		Tiruvarur	112	-82	-66	-91	
Madurai	201	-94	-79	-100		Trichy	635	-100	-100	-99	
Nagapattinam	-48	-81	19	-85		Tuticorin	46	-100	-100	-100	
Namakkal	186	-67	-92	-66		Vellore	22	-46	-68	-42	
Nilgiris	-10	137	-27	52		Villupuram	-1	-54	-55	-92	
Perambalur	83	-99	**	-100		Virudhunagar	251	-34	-100	-100	
Pondicherry	-91	-95	28	-94							

WEST INDIA

Gujarat Region

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Ahmedabad	-97	9	154	35	-45	Kheda	-99	34	39	178	-57
Anand	-92	-30	53	98	-62	Mehsana	-99	-23	87	132	-35
Banaskantha	-97	-68	143	163	95	Narmada	-75	-59	12	135	-73
Baroda	-92	-7	4	170	-70	Navsari	-89	6	77	355	-43
Broach	-86	-49	-13	129	-76	Panchmahal	-97	-2	-18	118	-58
Dahod	-99	-41	-17	99	-61	Patan	-100	-31	218	89	-17
Dangs,	-86	-58	67	333	62	Sabarkantha	-97	35	-13	118	-24
DNH & Daman	-88	66	39	279	-19	Surat	-84	-19	52	191	-74
Gandhinagar	-100	-8	93	265	25	Valsad	-80	52	49	343	-3

Saurashtra & Kutch

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Amreli	-89	184	-37	50	-95	Kutch	-98	-47	71	46	-53
Bhavnagar	-92	-23	134	87	-89	Porbandara	-99	332	-30	22	-90
Diu	-90	265	-26	242	-94	Rajkot	-98	66	8	78	8
Jamnagar	-99	121	-38	0	-22	Surendranagar	-98	-31	90	92	-12
Junagarh	-89	278	-39	43	-82						

Maharashtra Konkan & Goa

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Goa	-25	7	29	305	58	Ratnagiri	-76	49	8	110	-40
Mumbai	-93	245	-24	107	-36	Sindhudurg	-39	44	36	252	-28
Raigad	-81	90	-11	152	-25	Thane	-86	87	5	210	-34

Madhya Maharashtra

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Ahmednagar	-80	96	63	76	-92	Nasik	-60	102	74	711	45
Dhule	-100	136	-66	9	-85	Pune	-99	-45	-64	101	-65
Jalgaon	-99	124	-42	-33	-64	Sangli	-99	-30	-77	205	-48
Kolhapur	-88	53	43	312	22	Satara	-85	-35	12	195	-31
Nandurbar	-99	-64	-63	263	-67	Sholapur	-98	120	78	-34	-67

Marathwada

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Aurangabad	-91	12	-41	0	-66	Nanded	-34	-26	-45	18	-95
Beed	-60	-3	63	18	-74	Usmanabad	-76	40	125	-37	-88
Jalna	-53	63	-57	-4	-73	Parbhani	-64	105	-38	-33	-52
Latur	-42	-20	34	17	-93						

Rajasthan East Rajasthan

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Ajmer	**	-32	162	95	-96	Jaipur	**	-72	33	-36	-55
Alwar	**	-66	7	-9	-53	Jhalawar	**	-13	-1	-30	-95
Banswara	**	-2	-53	5	-96	Jhunjhunu	**	-92	184	-15	-68
Baran	**	-21	27	-45	-84	Karauli	**	-71	77	-55	-20
Bharatpur	**	-59	-38	-6	33	Kota	**	-42	130	-65	-83
Bhilwara	**	-10	33	-31	-94	Rajsamand	**	17	77	-28	-89
Bundi	**	-25	7	-58	-72	Sawai Madhopur	**	-47	60	-73	-87

Chittorgarh	**	53	37	105	-97	Sikar	**	-98	190	-58	-76
Dausa	**	-35	83	-51	-40	Sirohi	**	-49	78	-30	-99
Dholpur	**	-37	5	9	-6	Tonk	**	-74	74	-11	-79
Dungarpur	**	109	-54	22	-96	Udaipur	**	160	22	79	-99

West Rajasthan

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Barmer	**	-31	50	62	-100	Jalore	**	-29	55	64	-100
Bikaner	**	-36	369	-26	-79	Jodhpur	**	-68	319	-58	-100
Churu	**	-74	271	83	-64	Nagaur	**	-71	418	1	-76
Hanumangarh	**	-95	394	0	-79	Pali	**	-59	133	84	-100
Jaisalmer	**	-49	1014	13	-100	Sri Ganganagar	**	-93	546	47	-100

CENTRAL INDIA

Chattisgarh

Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Bastar	-46	**	2	-100	-24	Kawardna	79	**	-39	-75	13
Bilaspur	-7	**	-48	-86	-19	Korba	-59	**	-39	-100	84
Dantewara	-75	**	52	**	-85	Koriya	5	**	-98	-91	-77
Dhamtari	-54	**	-64	-100	-76	Mahasumund	-37	**	-84	-100	-53
Durg	-78	**	74	-100	-57	Raigarh	-64	**	-71	-100	159
Janjgir	-36	**	-37	-100	83	Raipur	26	**	-6	-96	-16
Jashpurnagar	-38	**	-56	-58	106	Rajandgaon	-58	**	48	-100	-39
Kanker	-72	**	5	-100	-75	Surguja	-31	**	-93	-90	26

East Madhya Pradesh

Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Balaghat	-79	**	91	-91	-66	Panna	-80	**	-98	**	18
Chhatarpur	-55	**	-6	-100	9	Rewa	74	**	-87	-100	58
Chhindwara	-78	**	1	-55	-83	Sagar	-99	**	41	-91	-97
Damoh	-36	**	-32	-25	-83	Satna	-46	**	-93	-100	75
Dindori	-35	**	22	-96	-62	Seoni	-26	**	44	-100	-88
Jabalpur	-42	**	89	-100	-100	Shahdol	-100	**	-61	**	-81
Katni	-93	**	-60	**	-6	Sidhi	28	**	**	-36	-22
Mandla	-28	**	65	-30	-85	Tikamgarh	-8	**	12	264	-41
Narsingpur	-8	**	66	-100	-86	Umaria	-84	**	-75	-100	-49

West Madhya Pradesh

Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	Districts	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Badwani	-100	**	-79	**	-84	Khargone	-100	**	-72	-67	-86
Betul	-97	**	-33	-66	-88	Mandsaur	-100	**	-6	-71	-88
Bhind	-98	**	73	1	-2	Morena	-77	**	1	-19	-18
Bhopal	-100	**	6	27	-97	Neemuch	-100	**	-7	8	-63
Datia	-73	**	-49	-63	-9	Raisen	-99	**	65	-79	-85
Dewas	-100	**	-24	59	-88	Rajgarh	-94	**	-25	-53	-89
Dhar	-100	**	-79	53	-82	Ratlam	-99	**	-46	-35	-89
Guna	-82	**	8	-100	-88	Sehore	-100	**	-5	-100	-97
Gwalior	-95	**	19	-12	-39	Shajapur	-100	**	-85	-56	-96
Harda	-100	**	-1	-100	-90	S. Kalani	-100	**	99	-82	-88
Hosangabad	-99	**	75	-97	-93	Shivpuri	-89	**	34	-26	-26
Indore	-98	**	-24	-71	-98	Ujjain	-100	**	-58	-54	-88
Jhabua	-100	**	-65	61	-84	Vidisha	-100	**	-20	-100	-71
Khandwa	-97	**	-4	-81	-85						

Vidhrabha

District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08	District	23.07.08	30.07.08	06.08.08	13.08.08	20.08.08
Akola	-74	57	-49	11	-76	Gondia	-41	70	104	11	-67
Amraoti	-47	115	-45	-16	-71	Nagpur	-33	190	23	-4	-77
Bhandara	-21	68	42	-7	-63	Wardha	36	200	49	-16	-73
Buldhana	-32	114	-50	-3	-80	Washim	-17	21	-38	-31	-97
Chandrapur	-30	73	169	16	-78	Yeotmal	-8	4	34	-5	-70
Gadchiroli	-49	60	132	-11	-71						

Annexure II

District	Number of Talukas	Stress condition	Remarks
Belgaum	10	4 (Athani, Gokak, Hukkeri, Raibag)	Rice, groundnut and sugarcane are in good condition in talukas not affected by drought. In the stress talukas, bajra, green gram, maize, groundnut have been severely affected
Dharwad	11	1 (Navalgund)	Chilli transplanting is complete. Maize, groundnut, hybrid cotton, potato are in satisfactory condition. Only one taluka affected by low rainfall, which is in Northern dry zone. Sowing of short duration pulses have been affected here.
Gulbarga	10	7 (Gulbarga, Aland, Afzalpur, Surpur Jevargi, , Yadgir, Shahapur)	Short duration pulses are lost. Pigeonpea crop is surviving. Sunflower sowing has been taken up
Raichur	5	2 (Devdurga, Lingsugur)	Sowing of early kharif crops could not be taken up in all the five taukas (Source: AAS Unit, Raichur). Sunflower, cotton sowing has been taken up during the past two weeks.
Bagalkote	6	6 (Bagalkot, Badami, Bilgi, Hungund, Jamkhandi, Mudhol)	No sowing operations could be taken (Source: Associate Director of Extension, Bijapur)
Bijapur	5	4 (Bijapur, Bagewadi, Indi, Muddebihal)	No sowing operations could be taken (Source: Associate Director of Extension, Bijapur) In Sindagi taluk, sowing of onion, bajra and red gram were taken up in the past two weeks.
Gadag	4	4 (Gadag, Mundargi, Nargund, Ron) Shirahatti	No sowing operations could be taken (Source: Associate Director of Extension, Bijapur) In past two weeks chilli, onion and cotton sowing has been taken up.
Koppal	4	3 (Gangavathi, Koppal, Yalburga)	No sowing operations could be taken.
Bellary	8	3 (Hadagali, Siraguppa Hagaribommanahalli)	No sowing operations could be taken in the entire district (Source: Associate Director of Extension, Bijapur).

Annexure III

Contingent planning for North Interior Karnataka:

Sowing of the following crops can be taken up during August second fortnight as and when sufficient rainfall is received.

- Sunflower, navane, horse gram and fodder maize and bajra in red soils and shallow black soils.
- Sunflower, cotton and fodder maize and fodder bajra in medium to deep black soils.
- Soil and water conservation measures (compartmental bunding, contour bunds, repeated harrowing etc) may be followed.