

MET Issuing Authority Agro.MET Advisory Service Unit
Met. Centre Agro-met Forecast, Lucknow

PART-I

Bulletin No-54/21

ISSUING DATE: 06.07.2021

<u>Past Weather in different districts of Agro climatic zones for the period from 0830 hrs IST of 03.07.2021 to 0830 hrs IST of 06.07.2021</u>		<u>Weather forecast in different districts Of Agro climatic zones period from 0830 hrs IST of 06.07.2021 to 0830 hrs IST of 10.07.2021</u>	
(1) NODAL OFFICER, PRAYAG RAJ :- Districts: Fatehpur, Pratapgarh, Prayag Raj, Chitrakoot and Kausambi-			
Weather Summary	Light to moderate rain/Thundershower occurred at isolated places on 1 st & 2 nd day and weather was dry on remaining days.	Weather Forecast	Light rain/Thundershower is likely to occur at isolated places on 1 st & 2 nd day, at a few places on 3 rd day and at many places on 3 rd & 4 th day.
Max./Min. Temp	Max temp. were -1 ⁰ C to +3 ⁰ C from normal (Normal max. Temp. 36 ⁰ C)	Max./Min. Temp	Max temp. Will be -1 ⁰ C to +4 ⁰ C from normal (Normal max. Temp. 35 ⁰ C)
Wind Dir./Speed	SW Wind with wind speed 00-06 kmph	Wind Dir./Speed	NE to NW wind with speed 10-20 Kmph.
Relative Humidity	Relative Humidity was 75-80%.	Relative Humidity	Relative Humidity will be 50-98%.
Cloud Status	Generally to overcast sky.	Cloud Status	Partly to Generally Cloudy sky.
Chief Amount of R/F (>= 5 cm)	NIL	Weather Warning	Rain/ Thunderstorm accompanied with lightening is likely to occur over the area and heavy rain on 4 th & 5 th day.

(2) NODAL OFFICER, BAHRAICH:- Districts: **Bahraich**, Shrawasti, Balrampur, Gonda, Kushinagar ,
Siddharthnagar and Maharajganj-

Weather Summary	Light to moderate Rain/ Thundershowers occurred at few places on 1 st day and isolated places on 2 nd day during the period.	Weather Forecast	Light rain/Thundershower is likely to occur at isolated places on 1 st & 2 nd day, at many places on 3 rd & 4 th day and at a few places on 5 th day.
Max./Min. Temp	Max temp. was 0 ⁰ C to +3 ⁰ C from normal (Normal max. Temp. 34 ⁰ C)	Max./Min. Temp	Max temp. will be -1 ⁰ C to +7 ⁰ C from normal (Normal max. Temp. 33 ⁰ C)
Wind Dir./Speed	SE wind with wind speed 04-12 kmph	Wind Dir./Speed	NE to SE wind with speed 10-24 Kmph.
Relative Humidity	Relative Humidity was 85- 90 %.	Relative Humidity	Relative Humidity will be above 76-98% .
Cloud Status	Partly to Generally Cloudy sky.	Cloud status	Generally Cloudy to Overcast sky.
Chief Amount of R/F (>= 5 cm)	03/07/2021: NICHLAUL=8;	Weather Warning	Rain/Thundershower is likely to occur over the area.

(3) NODAL OFFICERS (BHARARI):- Districts: Jalaun, **Jhansi**, Lalitpur, Mahoba, Banda and Hamirpur-

Weather Summary	Light to moderate Rain/ Thundershowers occurred at isolated places on 1 st day and weather was dry on remaining days during the period.	Weather Forecast	Weather will be dry on 1 st and 2 nd day. Light rain/Thundershower is likely to occur at isolated places on 3 rd day, at a few places on 4 th day and at many places on 5 th day.
Max./Min. Temp	Max temp. was +4 ⁰ C to +6 ⁰ C from normal (Normal max. Temp. 36 ⁰ C)	Max./Min. Temp	Max temp. will be -3 ⁰ C to +7 ⁰ C from normal (Normal max. Temp. 35 ⁰ C)

Wind Dir./Speed	W to NW wind with wind speed 05-08 kmph.	Wind Dir./Speed	NE to NW wind with speed 10-20 kmph.
Relative Humidity	Relative Humidity was 37-90%.	Relative Humidity	Relative Humidity will be 35-86%.
Cloud Status	Partly to Generally Cloudy sky.	Cloud Status	Partly to Generally Cloudy sky.
Chief Amount of R/F (≥ 5 cm)	NIL	Weather Warning	Heat wave condition is likely to occur on 1 st and 2 nd day. Rain/ Thunderstorm accompanied with lightening is very likely to occur on 3 rd , 4 th and 5 th day and heavy rain on 4 th and 5 th day.
(4) NODAL OFFICERS, (AYODHYA) :- Districts: Barabanki, Sultanpur, Amethi, Ayodhya, Basti, Raebareli, Ambedkarnagar, Sant Kabirnagar, Gorakhpur, Deoria and Ballia-			
Weather Summary	Light to moderate Rain/ Thundershowers occurred at isolated places during the period.	Weather Forecast	Light rain/Thundershower is likely to occur at isolated places on 1 st and 2 nd day, at many places on 3 rd & 4 th day and at a few places on 5 th day.
Max./Min. Temp	Max temp. was -1 ⁰ C to 0 ⁰ C from normal (Normal max. Temp. 34 ⁰ C)	Max. Temp	Max temp. will be 0 ⁰ C to +6 ⁰ C from normal (Normal max. Temp. 33 ⁰ C)
Wind Dir./Speed	NE to SW wind with wind speed 02-05 kmph.	Wind Dir./Speed	E to W wind with speed 10-19 Kmph.
Relative Humidity	Relative Humidity was 75 to 80 %.	Relative Humidity	Relative Humidity will be above 32-87% .
Cloud Status	Generally Cloudy sky.	Cloud Status	Generally Cloudy to Overcast sky.

Chief Amount of R/F (≥ 5 cm)	NIL	Weather Warning	Rain/Thunderstorm accompanied with lightening is very likely to occur over the area.
(5) <u>NODAL OFFICERS, KANPUR:-</u> Districts: Kanauji, Hathras, Mathura, Agra, Etah, Mainpuri, Firozabad, Etawah, Auraiya, Kanpur-Rural, Kanpur-Urban, Unnao, Lucknow, Sitapur, Hardoi, Kheri and Kanshiram Nagar-			
Weather Summary	Light to moderate Rain/ Thundershowers occurred at isolated places on 1 st and 2 nd day during the period and Weather was dry on remaining days.	Weather Forecast	Light rain/Thundershower is likely to occur at isolated places on 1 st and 2 nd day, at a few places on 3 rd day and at many places on 4 th & 5 th day.
Max./Min. Temp	Max temp. was 0 ⁰ C to +4 ⁰ C from normal (Normal max. Temp. 35 ⁰ C)	Max./Min. Temp	Max temp. will be -2 ⁰ C to +8 ⁰ C from normal (Normal max. Temp. 34 ⁰ C)
Wind Dir./Speed	SE to SW wind with wind speed 03-06 kmph	Wind Dir./Speed	E to NW wind with 09-22 kmph.
Relative Humidity	Relative Humidity was 40-90 %.	Relative Humidity	Relative Humidity will be 40-95 %.
Cloud Status	Generally cloudy sky	Cloud Status	Clear to Generally Cloudy sky.
Chief Amount of R/F (≥ 5 cm)	NIL	Weather Warning	Rain/Thunderstorm accompanied with lightening is very likely to occur over the area.
(6) <u>NODAL OFFICER, MODIPURAM:-</u> Districts: Meerut, Pilibhit, Saharanpur, Muzaffarnagar, Baghpat, Ghaziabad, Gautambudhnagar, Aligarh, Bulandshahar, Moradabad, Jyotiba phule Nagar, Bijnore, Badaun, Bareilly, Rampur, Shahjahanpur, Farrukhabad, Shamali, Sambhal and Hapur-			

Weather Summary	Light to moderate Rain/ Thundershowers occurred at isolated places during the period.	Weather Forecast	Weather will be dry on 1 st and 2 nd day. Light rain/Thundershower is likely to occur at isolated places on 3 rd day, at a few places on 4 th day and at many places on 5 th day.
Max./Min. Temp	Max temp. was +2 ⁰ C to +4 ⁰ C from normal (Normal max. Temp. 36 ⁰ C)	Max./Min. Temp	Max temp. will be -4 ⁰ C to +7 ⁰ C from normal (Normal max. Temp. 35 ⁰ C)
Wind Dir./Speed	NE to NW wind with wind speed 01-02 kmph	Wind Dir./Speed	E to W wind with speed 09-20 Kmph.
Relative Humidity	Relative Humidity was 46-95 %.	Relative Humidity	Relative Humidity will be 48-95%.
Cloud Status	Mainly clear to Partly Cloudy sky.	Cloud Status	Clear to Generally Cloudy sky.
Chief Amount of R/F (≥ 5 cm)	NIL	Weather Warning	Heat wave condition is likely to occur on 1 st and 2 nd day. Rain/ Thunderstorm accompanied with lightening is very likely to occur on 3 rd , 4 th and 5 th day and heavy rain on 4 th day.

(7) NODAL OFFICER, VARANASI:- (B.H.U.): Districts: Varanasi, Azamgarh, Ghazipur, Chandauli, Sonbhadra, Mirzapur, Santravidasnagar, Jaunpur and Mau-

Weather Summary	Light Rain/ Thundershowers occurred at isolated places during the period.	Weather Forecast	Light rain/Thundershower is likely to occur at isolated places on 1 st & 2 nd day, at many places on 3 rd , 4 th and 5 th day.
Max./Min. Temp	Max temp. was -1 ⁰ C to +1 ⁰ C from normal (Normal max. Temp. 35 ⁰ C)	Max./Min. Temp	Max temp. will be -2 ⁰ C to +4 ⁰ C from normal (Normal max. Temp. 34C)

Wind Dir./Speed	SW wind with wind speed 01-07 kmph.	Wind Dir./Speed	E to W wind with speed 10-20 Kmph.
Relative Humidity	Relative Humidity was 70-75 %.	Relative Humidity	Relative Humidity will be 65- 97% normal.
Cloud Status	Generally Cloudy sky.	Cloud Status	Generally to overcast Cloudy sky.
Chief Amount of R/F (>= 5 cm)	NIL	Weather Warning	Rain/ Thunderstorm accompanied with lightening is likely to occur over the area and heavy rain on 4 th day.

**Forecast Issuing Authority Agro met. Advisory Service Unit-
Met. Centre, Lucknow**

PART-II

District wise Agro met Advisories

Bulletin No-54/21

ISSUING DATE: 06.07.2021

Crops	Crop stage	<u>NODAL OFFICER, ALLAHABAD:</u> Districts: Fatehpur, Pratapgarh, Allahabad, Chitrakutnagar and Kausambi.
<i>Kharif crop</i>	Growing/ Irrigation	<ul style="list-style-type: none"> ➤ Sowing of Paddy Crop in prepared fields. Prepare Paddy Nursery. ➤ Preparing land for Maize Crop after that sowing take place. ➤ Preparing land for Urad Crop after that sowing of Urad may take place.
<i>Jayad crop</i>	Growing/ Irrigation	<ul style="list-style-type: none"> ➤ After sowing of jayad crop irrigated it well because these crops are in growing stages. ➤ We must use pesticides diclorovaas 76% e.c. and jineb 75% w.p. for protection of crops.
<i>Sugarcane</i>	General	➤ Apply 60-75 kg Nitrogen (130-163 kg Urea) as topdressing for this season to

		sugarcane.
Vegetables	General	<ul style="list-style-type: none"> ➤ Pluck lady's finger after 3 days otherwise it will mature and get less yield. ➤ Farmers are advised that the control shoot and fruit borer in tomatoes, infected fruits and shoots should be collected and buried inside the soil. If pest population is high spray Spinosad 48 EC @ 1ml/4lt of water when sky is clear. ➤ Sowing take place of bringal, lady finger.
Fruits	General	<ul style="list-style-type: none"> ➤ Ripen fruits mango, guava, lemon, grapes, papaya can be plucked and send to market or mandi for sale.
Cow	General	<ul style="list-style-type: none"> ➤ Start Vaccination against anthrax in cattle. ➤ Animal farmers are advised to keep animals in shady place in view of changing weather.
Chicken	General	<ul style="list-style-type: none"> ➤ There should be shade near by the poultry farm.

Forecast Issuing Authority Agro met. Advisory Service Unit

Met. Centre, Lucknow

PART-II

Bulletin No-54/21

ISSUING DATE: 06.07.2021

Crops	Crop stage	<u>NODAL OFFICER, BAHRAICH:</u> Districts: Baharaich, Shrawasti, Balrampur, Gonda, Kushinagar, Siddharthnagar and Maharajganj
Kharif crop	Growing/Irrigation	<ul style="list-style-type: none"> ➤ Sowing of Paddy Crop in prepared fields. Prepare Paddy Nursery. ➤ Preparing land for Maize Crop after that sowing take place. ➤ Preparing land for Urad Crop after that sowing of Urad may take place.

Jayad crop	Growing/ Irrigation	<ul style="list-style-type: none"> ➤ After sowing of jayad crop irrigated it well because these crops are in growing stages. ➤ We must use pesticides diclorovaas 76% e.c. and jineb 75% w.p. for protection of crops.
Ladyfinger Tomato	General	<ul style="list-style-type: none"> ➤ <i>Pluck lady's finger after 3 days otherwise it will mature and get less yield.</i> ➤ <i>Farmers are advised that if the control shoot and fruit borer in tomatoes, infected fruits and shoots should be collected and buried inside the soil. If pest population is high spray Spinosad 48 EC @ 1ml/4lt of water when sky is clear.</i> ➤ <i>Sowing take place of bringal, lady finger.</i>

Forecast Issuing Authority Agro met. Advisory Service Unit
Met. Centre, Lucknow

PART-II

Bulletin No-54/21

ISSUING DATE: 06.07.2021

Crops	Crop stage	<u>NODAL OFFICER, BARARI:</u> Districts: Jalaun, Jhansi, Lalitpur, Mahoba, Banda, Hamirpur.
Kharif crop	Growing/ Irrigation	<ul style="list-style-type: none"> ➤ Sowing of Paddy Crop in prepared fields. Prepare Paddy Nursery. ➤ Preparing land for Maize Crop after that sowing take place. ➤ Preparing land for Urad Crop after that sowing of Urad may take place.
Jayad crop	Growing/ Irrigation	<ul style="list-style-type: none"> ➤ After sowing of jayad crop irrigated it well because these crops are in growing stages. ➤ We must use pesticides diclorovaas 76% e.c. and jineb 75% w.p. for protection of crops.
Vegetabl	General	<ul style="list-style-type: none"> ➤ <i>Pluck lady's finger after 3 days otherwise it will mature and get less yield.</i>

es		<p>➤ Farmers are advised that it the control shoot and fruit borer In tomatos , infected fruits and shoots should be collected and buried inside the soil. If pest population is high spray Spinosed 48 EC@ 1ml/4lt of water when sky is clear.</p> <p>➤ Sowing take place of bringal, lady finger.</p>
Cow	General	<p>➤ This time, due to change in weather, more chances of attack the mosquito and other external parasite in the animals, so spraying the appropriate medicines regularly according to the advice of the doctor.</p> <p>➤ As per weather forecast, farmers are advised for milch animals regularly follow schedule of 1kg feed +50 g mineral mixture per 2 liters of milk yield.</p> <p>➤ Animals must be fed 50-60 grams of salt mixed with water.</p>

Forecast Issuing Authority Agro met. Advisory Service Unit
Met. Centre, Lucknow

PART-II

Bulletin No-54/21

ISSUING DATE: 06.07.2021

Crops	Crop stage	<u>NODAL OFFICERS, (FAIZABAD)</u> :Districts: Barabanki, Sultanpur, Amethi, Faizabad, Basti, Raebareli, Ambedkarnagar, Sant Kabirnagar, Gorakhpur, Deoria, and Ballia.
<i>Kharif crop</i>	Growing/Irrigation	<p>➤ Sowing of Paddy Crop in prepared fields. Prepare Paddy Nursery.</p> <p>➤ Preparing land for Maize Crop after that sowing take place.</p> <p>➤ Preparing land for Urad Crop after that sowing of Uard may take place.</p>
<i>Jayad crop</i>	Growing/Irrigation	<p>➤ After sowing of jayad crop irrigated it well because these crops are in growing stages.</p> <p>➤ We must use pesticides diclorovaas 76% e.c. and jineb 75% w.p. for protection of crops.</p>
<i>Vegetabl</i>	General	<p>➤ Pluck lady's finger after 3 days otherwise it will mature and get less yield.</p>

es		<p>➤ Farmers are advised that it the control shoot and fruit borer In tomatos , infected fruits and shoots should be collected and buried inside the soil. If pest population is high spray Spinosed 48 EC@ 1ml/4lt of water when sky is clear.</p> <p>➤ Sowing take place of bringal, lady finger.</p>
Buffalo	General	<p>➤ Protect animals from heat. Give sufficient amount of green fodder to the animals.</p> <p>➤ Make adequate arrangements for the animals and bath the animals in the morning and evening.</p> <p>➤ Get treatment from parasites in animals.</p>

Forecast Issuing Authority Agro met. Advisory Service Unit

Met. Centre, Luck now

PART-II

District wise Agro met Advisories

Bulletin No-54/21

ISSUING DATE: 06.07.2021

Crops	Crop stage	<u>NODAL OFFICERS, KANPUR:</u> Districts: Kanauji, Hathras, Mathura, Agra, Etah, Mainpuri, Firozabad, Etawah, Auraiya, Kanpur-Rural, Kanpur-Urban, Unnao, Lucknow, Sitapur, Hardoi, Kheri and Kanshiram Nagar.
Kharif crop	Growing/ Irrigation	<p>➤ Sowing of Paddy Crop in prepared fields. Prepare Paddy Nursery.</p> <p>➤ Preparing land for Maize Crop after that sowing take place.</p> <p>➤ Preparing land for Urad Crop after that sowing of Uard may take place.</p>
Jayad crop	Growing/ Irrigation	<p>➤ After sowing of jayad crop irrigated it well because these crops are in growing stages.</p> <p>➤ We must use pesticides diclorovaas 76% e.c. and jineb 75% w.p. for protection of crops.</p>
Vegetables	General	<p>➤ For storage, the wheat should be dried under hard sun so that the moisture content</p>

		<p>does not exceed 8-10%.</p> <ul style="list-style-type: none"> ➤ Disinfect the spruce or storage house with insecticides before storage. if the grains are mixed with neem seed powder in the ratio of 100:1, the there os no outbreak of pest. ➤ <i>Sowing take place of bringal, lady finger.</i>
Maize	General	<ul style="list-style-type: none"> ➤ Excessive rainwater from maize crops should be managed properly. There is a possibility of outbreak of stem borer/shoot fly pest in maize crop, so for its prevention, imamactin benzoate 5%Sg 4g/ha or dimethoate 30% EC 1.0 liter/ha at 600-700 liter sprinkle by making do when the sky is clear. ➤ After 30 days of sowing apply 40 kg Nitrogen (87 kg Urea) off odder maize and 30 kg Nitrogen (65 kg Urea) on multi harvesting fodder crops like oat.
Fruits	General	<ul style="list-style-type: none"> ➤ <i>Ripen fruits mango, guava, lemon, grapes, papaya can be plucked and send to market or mandi for sale.</i>
Buffalo	General	<ul style="list-style-type: none"> ➤ Balanced diet should be given for milch animals. ➤ Animals must be given clean and fresh water 3-4 times a day. ➤ The best time to give anthelmintic drugs for prevention of insects in the stomach of animals.
Chicken/He n	General	<ul style="list-style-type: none"> ➤ Farmers are advised to provide clean water and balanced diet to the chickens in the changing season. ➤ The time to vaccinate R.D. and foul packs to chickens. ➤ Give medicine for the prevention of insects in the stomach of chickens.

Forecast Issuing Authority Agro met. Advisory Service Unit

Met. Centre, Lucknow

PART-II

District wise Agro met Advisories

Bulletin No-54/21

ISSUING DATE: 06.07.2021

Crops	Crop stage	<u>NODAL OFFICER, MODIPURAM:</u> Districts: Meerut, Pilibhit, Saharanpur, Muzaffarnagar, Baghpat, Ghaziabad, Gautambudhnagar, Aligarh, Bulandshahar, Moradabad, Jyotiba phule Nagar, Bijnore, Badaun, Bareilly, Rampur, Shahjahanpur, Farrukhabad, Shamali, Sambhal and Hapur
<i>Kharif crop</i>	Growing/ Irrigation	<ul style="list-style-type: none">➤ Sowing of Paddy Crop in prepared fields. Prepare Paddy Nursery.➤ Preparing land for Maize Crop after that sowing take place.➤ Preparing land for Urad Crop after that sowing of Uard may take place.
<i>Jayad crop</i>	Growing/ Irrigation	<ul style="list-style-type: none">➤ After sowing of jayad crop irrigated it well because these crops are in growing stages.➤ We must use pesticides diclorovaas 76% e.c. and jineb 75% w.p. for protection of crops.
<i>Fruits</i>	General	<ul style="list-style-type: none">➤ <i>Ripen fruits mango, guava, lemon, grapes, papaya can be plucked and send to market or mandi for sale.</i>
<i>Buffalo</i>	General	<ul style="list-style-type: none">➤ Balanced diet should be given for milch animals.➤ Animals must be given clean and fresh water 3-4 times a day.➤ The best time to give anthelmintic drugs for prevention of insects in the stomach of animals.

Forecast Issuing Authority Agro met. Advisory Service Unit

Met. Centre, Luck now

PART-II

District wise Agro met Advisories

Bulletin No-54/21

ISSUING DATE: 06.07.2021

Crops	Crop stage	<u>NODAL OFFICER, VARANASI (B.H.U.):</u> Districts: Varanasi, Azamgarh, Ghazipur, Chandauli, Sonbhadra, Mirzapur, Sant Ravidasnagar, Jaunpur and Mau
<i>Kharif crop</i>	Growing/ Irrigation	<ul style="list-style-type: none">➤ Sowing of Paddy Crop in prepared fields. Prepare Paddy Nursery.➤ Preparing land for Maize Crop after that sowing take place.➤ Preparing land for Urad Crop after that sowing of Uard may take place.
<i>Jayad crop</i>	Growing/ Irrigation	<ul style="list-style-type: none">➤ After sowing of jayad crop irrigated it well because these crops are in growing stages.➤ We must use pesticides diclorovaas 76% e.c. and jineb 75% w.p. for protection of crops.
<i>Chick Pea</i>	Storage	<ul style="list-style-type: none">➤ According to weather condition, Storage of chickpea crop should be done with good storage facility.
<i>Buffalo</i>	General	<ul style="list-style-type: none">➤ Balanced diet should be given for milch animals.➤ Animals must be given clean and fresh water 3-4 times a day.➤ The best time to give anthelmintic drugs for prevention of insects in the stomach of animals.
<i>Cow</i>	General	<ul style="list-style-type: none">➤ This time, due to change in weather, more chances of attack the mosquito and other external parasite in the animals, so spraying the appropriate medicines regularly according to the advice of the doctor.

% Station Reporting Rainfall

% Stations	Category	% Stations	Category
76-100	Widespread(WS/Most Places)	26-50	Scattered(SCT/A Few Places)
51-75	Fairly Widespread(FWS/Many Places)	1-25	Isolated(ISOL)
No Rain	Dry		

Intensity of Rainfall

Descriptive Term Used	Rainfall amount in mms
No Rain	0.0
Very Light Rain	0.1-2.4
Light Rain	2.5-15.5
Moderate Rain	15.6-64.4
Heavy Rain	64.5-115.5
Very Heavy Rain	115.6-204.4
Extremely Heavy Rain	≥204.5