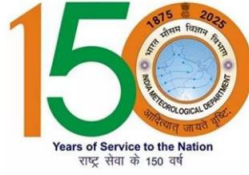


भारत सरकार
भारत मौसम विज्ञान विभाग
राज्य कृषि-मौसम विज्ञान केंद्र
हैदराबाद - 500 016



Government of India
India Meteorological Department
State Agro-Meteorological Centre
Hyderabad- 500 016

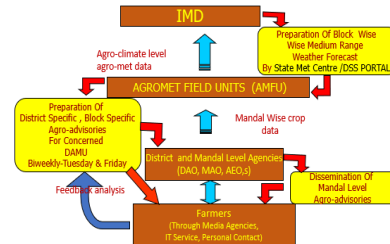


बुलेटिन संख्या : 37/2025
Bulletin Number: 37/2025

कृषि-मौसम विज्ञान सलाहकार सेवा बुलेटिन Agro-Meteorological Advisory Service Bulletin -Telangana State

09 शुक्रवार मई 2025
09 Friday May 2025

10 मई 2025 से 14 मई 2025 तक 5 दिनों की अवधि
5 days' period from 10 May 2025 to 14 May April 2025



जारीकर्ता (Issued By)
राज्य कृषि-मौसम विज्ञान केंद्र,
State Agro Meteorological Centre (SAMC), Hyderabad

तेलंगाना राज्य के AMFU के जिले और नाम

DISTRICTS AND NAME OF AMFU'S OF TELANGANA STATE

Agro Climatic Zones	Districts	In-charge Stations
North Telangana	Adilabad, Nirmal Kumuram Bheem, Mancherial Nizamabad, Kamareddy Rajanna Sircilla, Karimnagar, Peddapalli	AMFU - Jagtiyal
Central Telangana	Mahabubabad, Jayashankar, Bhadradi Kothagudem, Khammam	AMFU - Jagtiyal
	Jangaon, Hanumakonda, Warangal, Sangareddy, Medak, Siddipet	AMFU - Rajendra Nagar
South Telangana	Hyderabad, Rangareddy, Medchal-Malkajigiri, Suryapet, Vikarabad, Wanaparthy Yadira Bhuvanagiri, Nalgonda Nagarkurnool, Mahabubnagar, Jogulamba Gadwal	AMFU - Rajendra Nagar

A.1. Weather warnings (Met-Subdivision Level)

ए.1. मौसम चेतावनियाँ (मौसम-उपविभाग स्तर)

WEATHER WARNINGS FOR NEXT 7 DAYS:

Day1 (09-05-2025): Thunderstorm accompanied with Lightning and gusty winds (30-40 kmph) Very likely to occur at isolated places in Karimnagar, Peddapalli, Jayashankar Bhupalapally, Mulugu, Bhadradi Kothagudem, Khammam, Nalgonda, Suryapet, Mahabubabad, Warangal, Hanamkonda, Jangaon, Siddipet, Yadadri Bhuvangiri, Rangareddy, Hyderabad, Medchal Malkajigiri, Vikarabad, Sangareddy, Medak, Kamareddy, Mahabubnagar, Nagarkurnool, Wanaparthi, Narayanpet, Jogulamba Gadwal districts of Telangana.

Day2 (10-05-2025): Thunderstorm accompanied with Lightning and Gusty winds(30-40 KMPH) Very likely to occur at isolated places in ALL districts of Telangana.

Day3 (11-05-2025): Thunderstorm accompanied with Lightning and Gusty winds(30-40 KMPH) Very likely to occur at isolated places in ALL districts of Telangana.

Day4 (12-05-2025): Thunderstorm accompanied with Lightning and gusty winds (50-60 kmph) Very likely to occur at isolated places in Sangareddy, Medak, Kamareddy, Mahabubnagar, Nagarkurnool, Wanaparthi, Narayanpet, Jogulamba Gadwal districts of Telangana.

Thunderstorm accompanied with Lightning and gusty winds (40-50 kmph) Very likely to occur at isolated places in Bhadradi Kothagudem, Khammam, Nalgonda, Suryapet, Mahabubabad, Warangal, Hanamkonda, Jangaon districts of Telangana.

Thunderstorm accompanied with Lightning and gusty winds (30-40 kmph) Very likely to occur at isolated places in Adilabad, KomaramBheem Asifabad, Mancheri, Nirmal, Nizamabad, Jagtial, Rajanna Sirsilla, Karimnagar, Peddapalli, Jayashankar Bhupalapally, Mulugu, Siddipet, Yadadri Bhuvangiri, Rangareddy, Hyderabad, Medchal Malkajigiri Vikarabad districts of Telangana.

Day5 (13-05-2025): Thunderstorm accompanied with Lightning and gusty winds (50-60 kmph) Very likely to occur at isolated places in Jayashankar Bhupalapally, Mulugu, Bhadradi Kothagudem, Khammam, Nalgonda, Suryapet, Mahabubabad, Warangal, Hanamkonda, Jangaon, Siddipet, Rangareddy, Hyderabad, Medchal Malkajigiri, Mahabubnagar, Nagarkurnool, Wanaparthi, Narayanpet, Jogulamba Gadwal districts of Telangana.

Thunderstorm accompanied with Lightning and gusty winds (40-50 kmph) Very likely to occur at isolated places in Karimnagar, Peddapalli, Yadadri Bhuvangiri districts of Telangana.

Thunderstorm accompanied with Lightning and gusty winds (30-40 kmph) Very likely to occur at isolated places in Adilabad, KomaramBheem Asifabad, Mancheri, Nirmal, Nizamabad, Jagtial, Rajanna Sirsilla, Vikarabad, Sangareddy, Medak, Kamareddy districts of Telangana.

Day6 (14-05-2025): NIL.

Day7 (15-05-2025): NIL.

A.2.Extended Range forecast at Met-Subdivision Level (14.05.2025 to 20.05.2025)

ए.2.मेट-उपखंड स्तर पर विस्तारित रेंज पूर्वानुमान (14.05.2025 से 20.05.2025)

Meteorological Sub-Division / मौसम संबंधी उप-विभाग	Rainfall / वृष्टि	Tmax/ अधिकतम तापमान	Tmin/ न्यूनतम तापमान
Telangana	Above Normal	Moderately Below Normal	Below Normal

A.3.Likely impacts of weather warnings (General)

ए.3.मौसम चेतावनियों के संभावित प्रभाव (सामान्य)

Impact expected:

- ❖ Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- ❖ Minor to Major damage to banana and papaya trees.
- ❖ Minor to major damage to power and communication lines due to breaking of branches.
- ❖ Strong wind/hail may damage plantation, horticulture and standing crops.
- ❖ Hail may injure people and cattle at open places.
- ❖ Partial damage to vulnerable structures due to strong winds.
- ❖ Minor damage to kutcha houses/walls and huts.
- ❖ Loose objects may fly.

Action suggested:

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Stay indoors, close windows & doors and avoid travel if possible.
- ❖ Take safe shelters; do not take shelter under trees.
- ❖ Do not lie on concrete floors and do not lean against concrete walls.
- ❖ Unplug electrical/ electronic appliances.
- ❖ Immediately get out of water bodies.
- ❖ Keep away from all the objects that conduct electricity

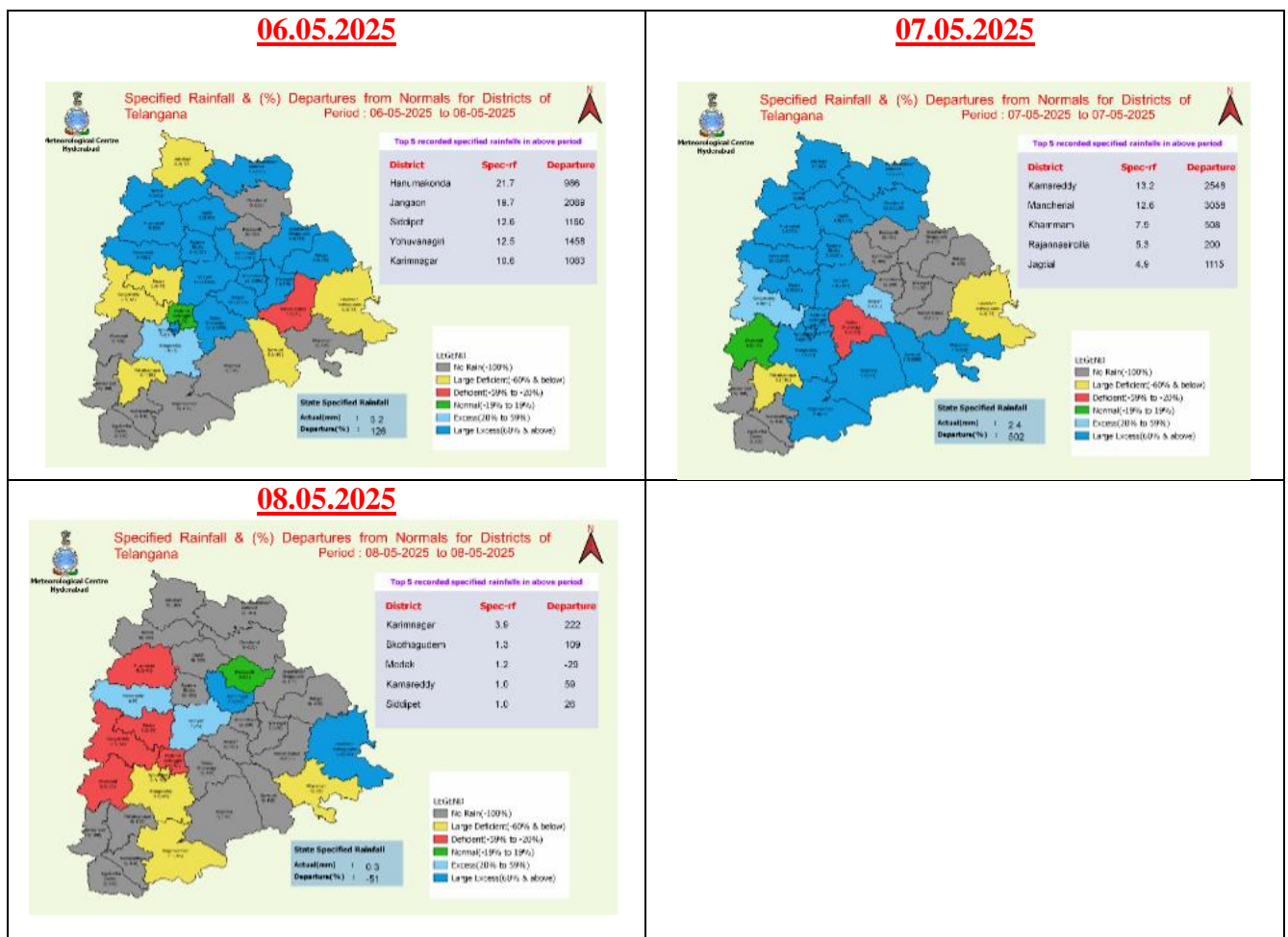
A.4. Likely impacts of weather warnings on Agriculture

ए.4.जलवायु चेतावनियों का कृषि पर संभावित प्रभाव

- ❖ In Telangana, immediately harvest the matured crops, fruits and vegetables and shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields to avoid the adverse impact of likely hailstorm.
- ❖ Use hail net and hail caps to prevent mechanical damage in orchards due to hailstorms.
- ❖ Provide mechanical support to horticultural crops and staking to vegetables to avoid lodging

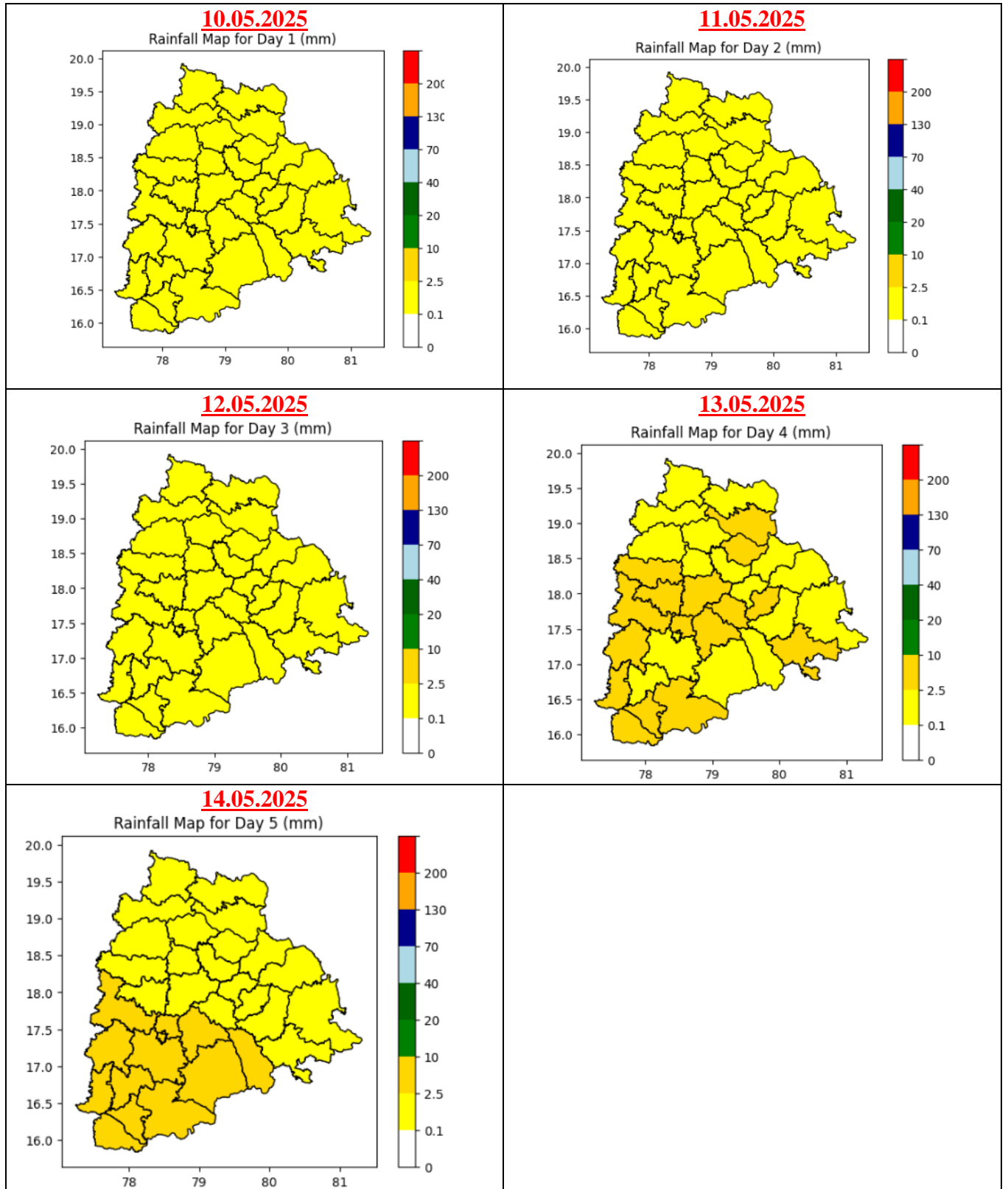
A.5. Realized Rainfall & distribution during last Three days from 06-05-2025 to 08-05-2025

ए.5. 06-05-2025 से 08-05-2025 तक पिछले चार दिनों के दौरान वास्तविक वर्षा और वितरण



A.6. Rainfall Forecast for the next five days Period from 10-05-2025 to 14-05-2025

ए.6. अगले पांच दिनों के वास्तविक वर्षा और मौसम 10-05-2025 से 14-05-2025 तक की अवधि



A.7. WEATHER FORECAST FOR THE NEXT FIVE DAYS FROM 10-05-2025 to 14-05-2025

ए.7. अगले पांच दिनों के लिए 10-05-2025 से 14-05-2025 तक मौसम पूर्वानुमान

मौसम पैरामीटर/ Weather Parameters	<u>AMFU HYERABAD</u>	<u>AMFU JAGTIAL</u>
	Range	Range
वर्षा/Rainfall(mm)	5.1-0.3	2.8-0.2
अधिकतम तापमान /TempMax(°C)	40.6-35.7	41.1-36.2
न्यूनतम तापमान /TempMin(°C)	29.7-23	29.9-23.2
सापेक्षिक आर्द्रता /HumidityI(%)	73-52	78-45
सापेक्षिक आर्द्रता /HumidityII(%)	32-24	30-21
हवा की गति /WindSpeed(m/s)	16.8-0.7	12.6-1.3
हवा की दिशा /WindDirection(degree)	322-0	326-90
CloudCover(octa)	6-1	5-1

A.8.Crop stages collected from Agro Meteorological Field Units, Telanagana

ए.8. फसल के चरण जो कृषि जलवायु फील्ड यूनिट्स, तेलंगाना से एकत्र किए गए

Districts	Rice	Groundnut	Maize	Jowar	Greengram /Blackgram	Tomato	Chilli	Mango
Nagarkurnool	H	H	H	H	H	Fruit Development Stage	H	Fruit Development
Mahabubnagar	H	H	H	H	H	Fruit Development Stage	H	Fruit Development
Narayanpet	H	H	H	H	H	Fruit Development Stage	H	Fruit Development
Jogulamba Gadwal	H	H	H	H	H	Fruit Development Stage	H	Fruit Development
Wanaparthy	H	H	H	H	H	Fruit Development Stage	H	Fruit Development
Yadadri Bhuvanagiri	H	-	-	-	H	Fruit Development Stage	-	-
Suryapet	H	-	-	-	H	Fruit Development Stage	-	-
Nalgonda	H	H	-	-	H	Fruit Development Stage	-	-

Br : Branching, SF : Square Formation, V : Vegetative, T : Tillering, F : Flowering, PF : Pod Formation, Pe : Peg Initiation, SE : Stem Elongation, PI : Panicle Initiation, GF : Grain Filling, PM: Physiological Maturity H: Harvesting

Districts	Summer				
	Rice	Sesame	Mango	Tomato	Brinjal
Adilabad	H/D	H	Fd/H	Tr	Tr
Nirmal	H/D	H	Fd/H	Tr	Tr
Nizamabad	H/D	H	Fd/H	Tr	Tr
Kamareddy	H/D	H	Fd/H	Tr	Tr
KB Asifabad	H/D	H	Fd/H	Tr	Tr
Mancherial	H/D	H	Fd/H	Tr	Tr
Jagtial	H/D	H	Fd/H	Tr	Tr
Peddapalli	H/D	H	Fd/H	Tr	Tr
Karimnagar	H/D	H	Fd/H	Tr	Tr
Rajanna Sircilla	H/D	H	Fd/H	Tr	Tr
Khammam	H/D	H	Fd/H	Tr	Tr
Mahabubabad	H/D	H	Fd/H	Tr	Tr
Peddapalli	H/D	H	Fd/H	Tr	Tr
Jayashankar	H/D	H	Fd/H	Tr	Tr

H- Harvesting, D – Drying, Fd - Fruit Development, CF - Capsule Formation, Tr - Transplanting

A.9. Agromet Advisories issued by different Agromet Field Units (AMFUs) of Telangana

ए.9. तेलंगाना के विभिन्न एग्रोकलाइमेट फील्ड यूनिट्स (एएमएफयू) द्वारा जारी एग्रोकलाइमेट सलाहकार।

Agromet Field Units- Hyderabad

Weather based Agromet Advisories

- Farmers are advised to take up summer ploughing using summer showers. Due to ploughing larvae and pupae exposed to sunlight and destroys the pest and also increases the water holding capacity of the soil.
- Dig the pits for planting of Orchards and expose the pits to the sunlight it destroys the pest and disease inoculums present in the soil.
- In view of the thunderstorms accompanied with lightening forecast, farmers are advised not to stand under the trees and don't allow the Cattle / Goats / Sheeps to take shelter under trees.
- In view of the thunderstorm accompanied with lightning forecast, move away from water bodies, electric poles and wires.
- In view of light to moderate rainfall forecast, transport the harvested produce (Rice, Maize, Bengalgram/Chickpea, Greengram, Blackgram, Jowar, Sunflower and Sesamum etc.,) to the safe places or cover with tarpaulins.
- In view of rainfall forecast temporarily postpone the sprayings of pesticides.
- Farmers are advised to go for in-situe green manure using anticipated rainfall forecast.

Pre Hailstorm Management Strategies

- In view of the hailstorm forecast, farmers are advised not to stand under the trees and don't allow the Cattle / Goats / Sheeps to take shelter under trees.
- In view of the hailstorm forecast, allow Cattle, Sheep, Goat stay back in protected sheds only.

Post Hailstorm and Heavy Rainfall Management Strategies

- Immediately after draining out excess water from the field spray 2% Urea or 1% KNO₃ or 1% any other specialty fertilizers to recoup the crop from excess soil moisture stress.
- Collect the fallen mango fruits and transport to the market or process them into a value added products. Otherwise diseases may spread due to rotting of the fallen fruits.
- If incidence of leaf spots on fruits is noticed in mango, spray Carbendazim @ 1 g per liter of water.

Agromet Field Units- Jagtiyal

WEATHER BASED AGRO ADVISORIES

General Advisories

- ❖ As there is a forecast of rainfall accompanied with thunderstorms in the district, cattle should not be sent for grazing and should not be tied under trees. They should be kept protective under the sheds to prevent them from thunderbolt activity

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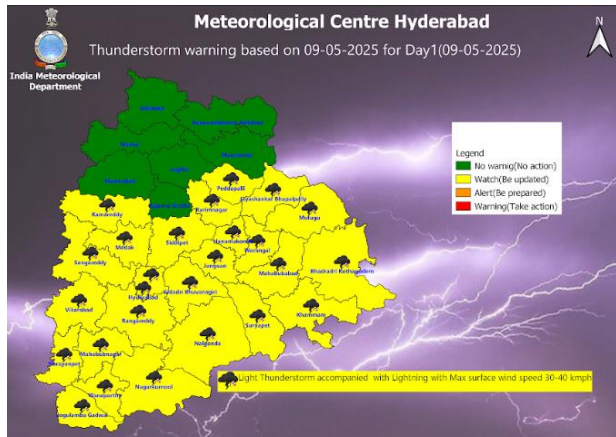
- ❖ As there is a forecast of rainfall for the next 5days, farmers are suggested to cover the harvested produce of paddy that is kept for drying with tarpaulin covers or transport them to a safer place.

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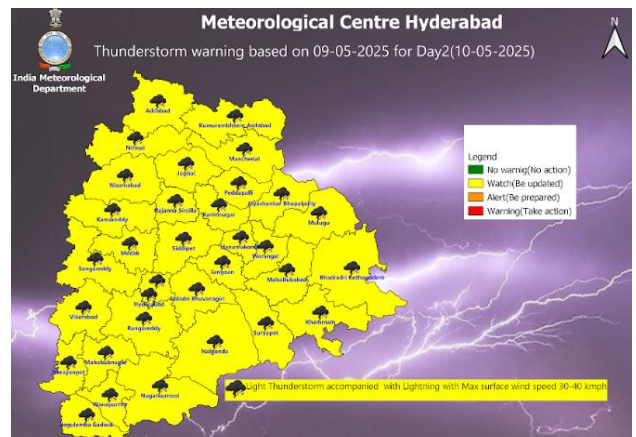
- ❖ General suggestions to be followed by the farmers during rains with thunderstorms forecast:
 - Do not take shelter under the trees, metal sheds, parking areas, under construction sites, verandas to avoid getting hit by flash of lightening. Instead go near covered buildings to take shelter.
 - Avoid going near rivers, canals and other water bodies.
 - Do not go near electrical poles, cell towers, bore pump sets in agriculture fields to avoid electrical shocks during lightening.
 - Avoid using tractors in fields during heavy rain.
 - Avoid using mobile phones in open areas during lightening and thunderstorm conditions.
 - In case of emergency, give first aid to the person hit by lightening strike and call the ambulance or take him/her immediately to the near by hospital.

A.10. District-level Weather warnings issued by Meteorological Centre, Hyderabad
ए.10. जिला स्तर के मौसम की चेतावनियाँ हैदराबाद मौसम केंद्र द्वारा जारी की गईं।

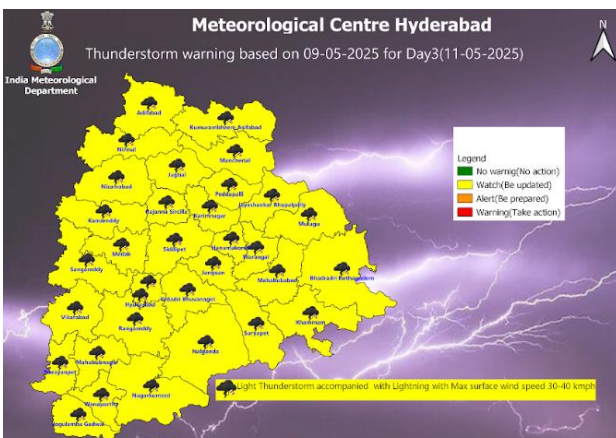
09.05.2025



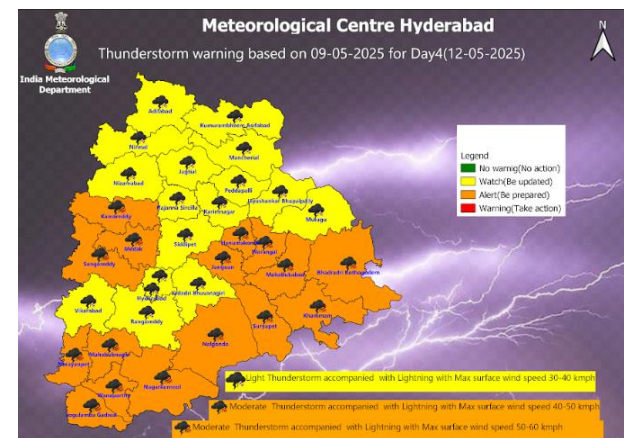
10.05.2025



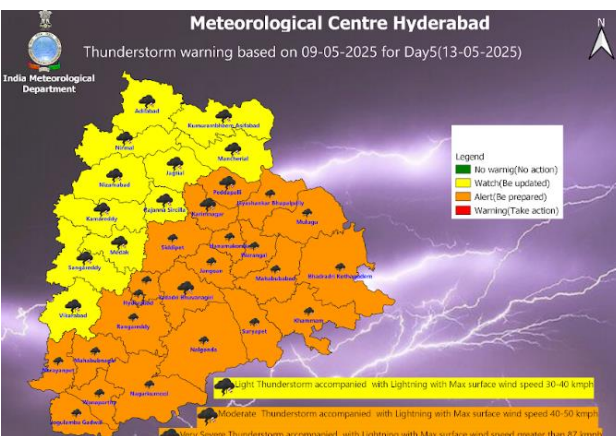
11.05.2025



12.05.2025



13.05.2025



A.11.District forecast and warnings
ए.11.जिला पूर्वानुमान और चेतावनियाँ

DAY 1	Date	WEATHER FORECAST & WARNINGS	
	DAY 2	From: 1300 hrs of 09/05/2025 To : 0830 hrs of 10/05/2025	Forecast
Warning			Thunderstorm accompanied with Lightning and gusty winds (30-40 kmph) Very likely to occur at isolated places in Karimnagar, Peddapalli, Jayashankar Bhupalapally, Mulugu, Bhadradi Kothagudem, Khammam, Nalgonda, Suryapet, Mahabubabad, Warangal, Hanamkonda, Jangaon, Siddipet, Yadadri Bhuvangiri, Rangareddy, Hyderabad, Medchal Malkajigiri, Vikarabad, Sangareddy, Medak, Kamareddy, Mahabubnagar, Nagarkurnool, Wanaparthi, Narayanpet, Jogulamba Gadwal districts of Telangana.
DAY 3	From: 0830 hrs of 10/05/2025 To : 0830 hrs of 11/05/2025	Forecast	Light to Moderate Rain or Thundershowers very likely to occur at ISOLATED places over Telangana.
		Warning	Thunderstorm accompanied with Lightning and gusty winds (30-40 kmph) Very likely to occur at isolated places in <u>ALL</u> districts of Telangana.
DAY 4	From: 0830 hrs of 11/05/2025 To : 0830 hrs of 12/05/2025	Forecast	Light to Moderate Rain or Thundershowers very likely to occur at ISOLATED places over Telangana.
		Warning	Thunderstorm accompanied with Lightning and gusty winds (30-40 kmph) Very likely to occur at isolated places in <u>ALL</u> districts of Telangana.
DAY 5	From: 0830 hrs of 12/05/2025 To : 0830 hrs of 13/05/2025	Forecast	Light to Moderate Rain or Thundershowers very likely to occur at a FEW places over Telangana.
		Warning	Thunderstorm accompanied with Lightning and gusty winds (50-60 kmph) Very likely to occur at isolated places in Sangareddy, Medak, Kamareddy, Mahabubnagar, Nagarkurnool, Wanaparthi, Narayanpet, Jogulamba Gadwal districts of Telangana.
		Warning	Thunderstorm accompanied with Lightning and gusty winds (40-50 kmph) Very likely to occur at isolated places in Bhadradi Kothagudem, Khammam, Nalgonda, Suryapet, Mahabubabad, Warangal, Hanamkonda, Jangaon districts of Telangana.
DAYS	From: 0830 hrs of 13/05/2025 To : 0830 hrs of 14/05/2025	Forecast	Light to Moderate Rain or Thundershowers very likely to occur at MANY places over Telangana.
		Warning	Thunderstorm accompanied with Lightning and gusty winds (50-60 kmph) Very likely to occur at isolated places in Jayashankar Bhupalapally, Mulugu, Bhadradi Kothagudem, Khammam, Nalgonda, Suryapet, Mahabubabad, Warangal, Hanamkonda, Jangaon, Siddipet, Rangareddy, Hyderabad, Medchal Malkajigiri, Mahabubnagar, Nagarkurnool, Wanaparthi, Narayanpet, Jogulamba Gadwal districts of Telangana.
		Warning	Thunderstorm accompanied with Lightning and gusty winds (40-50 kmph) Very likely to occur at isolated places in Karimnagar, Peddapalli, Yadadri Bhuvangiri districts of Telangana.
Warning	Thunderstorm accompanied with Lightning and gusty winds (30-40 kmph) Very likely to occur at isolated places in Adilabad, KomaramBheem Asifabad, Mancheri, Nirmal, Nizamabad, Jagtial, Rajanna Sirsilla, Vikarabad, Sangareddy, Medak, Kamareddy districts of Telangana.		

	From: 0830 hrs of 14/05/2025	Forecast	Light to Moderate Rain or Thundershowers very likely to occur at MANY places over Telangana.
DAY6	To : 0830 hrs of 15/05/2025	Warning	NIL
	From: 0830 hrs of 15/05/2025 To : 0830 hrs of 16/05/2025	Forecast	Light to Moderate Rain or Thundershowers very likely to occur at MANY places over Telangana.
DAY7		Warning	NIL

Warning Colour Codes	हिन्दी	मराठी
WARNING (TAKE ACTION)	चेतावनी	चेतावणी
ALERT (BE PREPARED)	सतर्क रहें	सतर्क असावे
WATCH (BE UPDATED)	निगरानी रखें	लक्षं असावे
NO WARNING (NO ACTION)	कोई चेतावनी नहीं	धोक्याची सूचना नाही

 Heavy Rain	 Heavy Snow	 Thunderstorm	 Dust Storm
 Strong Winds	 Visibility	 Cyclone	 Squall/ Hail
 Frost	 Cold Wave	 Heat Wave	 Sea State

For Weather Forecast, Warnings & Inference kindly refer the link below:

<http://www.imdhyderabad.gov.in/tssite/tsfcst.pdf>

<http://www.imdhyderabad.gov.in/tssite/tsinf.htm>

for IMD HYDERABAD WEBSITE, INSTAGRAM, TWITTER, FACEBOOK, YOUTUBE links

MC HYDERABAD WEBSITE:

<http://www.imdhyderabad.gov.in/tssite/tlmgindex.html>,

Agro Advisory Services

INSTAGRAM : <https://www.instagram.com/meteorologicalcenter/>

TWITTER : <https://twitter.com/metcentrehyd>

FACEBOOK : <https://m.facebook.com/imd.hyd.3/>

YOUTUBE

: <https://studio.youtube.com/channel/UCgLcdtiKuvTFJpdnI2Zm0NA>
