

METEOROLOGICAL CENTRE CHANDIGARH

<https://mausam.imd.gov.in/chandigarh>

Agromet Advisory Service Bulletin for the State of HARYANA

(Advisories mentioned in the bulletin are prepared by different AMFUs and DAMUs in Haryana)

Bulletin No. 53/2025

Issued on 04.07.2025

Weather warnings (HARYANA)

04th July: **THUNDERSTORM / LIGHTNING AT ISOLATED PLACES.**

05th July: **THUNDERSTORM/ LIGHTNING & HEAVY RAIN AT ISOLATED PLACES..**

06th July: **HEAVY TO VERY HEAVY RAIN AT ISOLATED PLACES.**

07th July: **HEAVY TO VERY HEAVY RAIN AT ISOLATED PLACES**

08th July: **HEAVY RAIN AT ISOLATED PLACES.**

Extended Range forecast at HARYANA (04th July 2025 to 10th July 2025)

Meteorological Sub-Division	Rainfall	Max Temp	Min Temp
Haryana	Light to moderate rainfall likely during this week in the state. Rainfall likely to be above normal over western to south-eastern parts and normal over remaining parts during the period in the state.	Maximum Temperatures are likely to be normal to below normal in most parts of the state except northern parts where maximum temperature are likely to be normal to above normal during the period.	Minimum Temperatures are likely to be normal to above normal over western to northern parts and normal to below normal over remaining parts of the state

Likely impacts of weather warnings HEAVY RAINFALL / THUNDERSTORM / LIGHTNING

- Water logging of low lying areas.
- Short term Disruptions of Municipal services (Water, Electricity etc)
- Traffic congestion due to water logging, slippery roads and low visibility may lead to increased travel time.
- Breaking of Tree branches and Risk due to flying Debris/Objects
- Lightning Strike on vulnerable location e.g Large Trees, Electric towers /Poles, Water
- Bodies, Building tops and Hill tops
- Disruptions of Municipal services (Water, Electricity etc) likely

- Minor Damage to kutchha houses/walls, huts and weak structures. Lightning Strike on vulnerable location e.g Large Trees, Electric towers /Poles, Water Bodies, Building tops and Hill tops. Disruptions of Municipal services (Water, Electricity etc) likely. Minor Damage to kutchha houses/walls, huts and weak structures

• **Impact based advisories: HEAVY RAINFALL / THUNDERSTORM / LIGHTNING**

- Avoid venturing into water logged areas.
 - Don't stand near weak structures.
 - Drive carefully during rain.
 - Don't take shelter under trees.
 - Don't go near water bodies
 - Avoid taking shelter in weak structures during thunderstorm.
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 - Move to safe buildings/Houses, avoid weak structures and stay away from windows. Keep livestock at safe location.
 - Stay away from electric poles and power lines and Watch for Flying Debris
 - If driving and can't move to safe location. Pullover at a safe place and stay inside a closed vehicle.
 - Don't take shelter under trees & Don't go near water bodies.
 - Unplug electrical equipment and Don't touch Metallic objects/ Water taps/Pipes.
 - There is possibility of crop lodging due to thunderstorms & lightning, squall with strong surface winds
- **Likely impacts of weather warnings on Agriculture due to HEAVY RAINFALL / THUNDERSTORM / LIGHTNING**
- Waterlogging of fields.
- Breaking of Tree branches and Risk due to flying Debris/Objects
- Yield loss etc.

Agrimet advisories

- **Farmer are advised to do transplanting of rice crop as rainfall is expected in coming days.**
- Don't keep harvested crop in open
- Avoid application of Fertilizers and Pesticides.

Summary of realized 03 days rainfall over the State (01st July to 03rd July 2025):

Met Sub Division	01-07-2025	02-07-2025	03.07.2025
HARYANA	SCT	ISOL	ISOL

ISOL: Isolated *i.e.* Rain at 1 or 2 places
FWS: Fairly Widespread *i.e.* Rain at many places
WS: Widespread *i.e.* Rain at most places

SCT: Scattered *i.e.* Rain at a few places
DRY: No rain

Rainfall forecast for next 5 days

State	04.07.2025	05.07.2025	06.07.2025	07.07.2025	08.07.2025
HARYANA	SCT	SCT	WS	WS	FWS

ISOL: Isolated *i.e.* Rain at 1 or 2 places
FWS: Fairly Widespread *i.e.* Rain at many places
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SPATIAL RAINFALL DISTRIBUTION (% OF STATIONS REPORTING)		RAINFALL INTENSITY		WARNING
% STATION	CATEGORY	LIGHT	2.5-15.5MM	WARNING (TAKE ACTION)
76-100	WIDESPREAD (WS/ MOST PLACES)	MODERATE	15.6-64.4MM	ALERT (BE PREPARED)
51-75	FAIRLY WIDESPREAD (FWS/ MANY PLACES)	HEAVY	64.5-115.5MM	WATCH (BE UPDATED)
26-50	SCATTERED (SCT / FEW PLACES)	VERY HEAVY	115.6-204.4MM	NO WARNING (NO ACTION)
1-25	ISOLATED (ISOL)	EXTREMELY HEAVY	>204.4MM	

Crop stages collected from State Department of Agriculture, Govt. of Haryana, AMFUs and DAMUs

DISTRICTS	CROPS: KHARIF					
	Rice	Pulses/Spring Moong Bean/Pigeon Pea	Sunflower	Vegetables	Maize	Cotton
(AMFU KAUL) EASTERN HARYANA	TS	V	-----	FF	FF	-----
(AMFU HISAR) WESTERN HARYANA)	S/ TS	Pulses:V Pigeon Pea: LP	V	V/F		V

LP: Land preparation ,N: Nursery; S: Sowing G:Germination, V: Vegetative, TS: Transplanting F: Flowering FR: Fruiting, T: Tillering, , PF: Pod Formation, SE: Stem Elongation, FF-Fruit Formation; SD: Soft Dough HD: Hard Dough GF: Grain Filling, M: Maturity,H:Harvesting T: Threshing

Agromet Advisories issued by different Agromet Field Units (AMFUs) of Haryana

GENERAL ADVICE

AMFU KAUL (Panchkula, Ambala, Yamunanagar, Karnal, Kurukshetra, Kaithal Jind ,Panipat, Sonipat, Gurgaon, Rohtak, Mewat, Palwal districts)

- **MAIZE:-** Avoid irrigation in maize crop as rainfall is predicted in coming days.
 - **MANGO:-**Keep a constant watch on mango plants for mango thrips. If the thrips are seen, visit the Krishi Vigyan Kendra and seek expert advice.
 - **BOTTLE GOURD:** Keep constant watch on fruit fly pests in vine vegetables like bitter gourd, Cucumber, gourd, tinda, watermelon, muskmelon, bottle gourd, pumpkin etcLivestock.
 - **LIVESTOCK:**Due to sudden changes in weather, there may be hot / cold problems in the animals, so tie the animals in the shade room.
 - Vaccinations against mouth and foot disease and galgotu disease should be done in animals. because once the disease spreads, treatment becomes difficult. • To keep the animal healthy, provide 50 grams of iodized salt and 50 to 100 grams' mineral mixture daily with feed and green fodder.
- Farmers are advised to keep their poultry birds in well-ventilated houses. Proper ventilation ensures drinking water (frequent access to clean and cool water), continuous airflow (may reducing heat stress and maintaining balanced oxygen levels to birds)

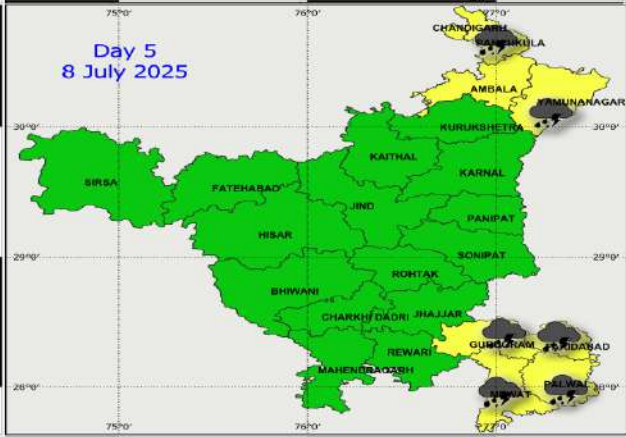
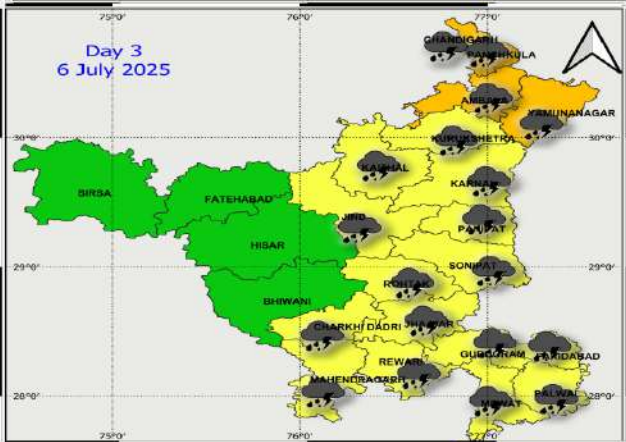
AMFU HISAR (Sirsa, Fatehabad, Hisar, Bhiwani, Rohtak, Mahendergarh, Faridabad, Rewari, Jhajjar, Charkhi Dadri districts)

- **Possibility of light rain in next three-day farmers are advised to withheld the sowing of kharif crops. Prepare the field for sowing of Guar and Bajra crops to keep in the mind of changing weather. Farmers are advised for drain out the standing water from the cotton field**
- **Cotton:** Keeping the view the weather in next three-four days farmers are advice withhold sowing of American cotton/Bt. cotton with recommended hybrid, with seed treatment. The sowing operation doing at morning and late evening time to protect the direct sunlight and moisture from the furrow.
- **Paddy:** Possibility of variable weather farmers are advised to prepare the field for nurseries of late transplanting of rice crop with apply of compost/FYM/manure 10 to 12 cart per acre and sowing of paddy nursery. Farmers are advised to prepare the paddy/scented paddy nursery to add 10 to 12 cart compost khad/organic fertilizer with certified seed of paddy as per recommended by university. Before the sowing of paddy seed it should be treated with 10 g Bavistin or 10 g Amissan + 2.5g Pausamycine or 1g Streptocycline solution mixed with 10 liter water and soaked 10-12 kilogram paddy seed kept it up to 24 hrs, then filter it and spread on cemented floor cover with gunny bags, left it 24-36 hrs and spray/apply time to time water to avoid the sprouting. Due to possibility of rain farmers are advised to withhold the irrigation in next three day. Farmers are advised to apply the 1g Carbendazim per square meter with mix the sand in the nursery of rice crop before 7 days of transplanting in the field for protection of Bakanae disease.
- **Vegetables:** Plan irrigation in planted vegetable crops and fruits plants as per the werather forecast.. Farmers are advised to complete the sowing of leafy vegetable, lady's finger, bottle gourd, cucumber, ridge gourd summer radish.
- **Pulses:** Sowing of recommended varieties of mash should be started from last week of June by using 6-8 kg per acre of seed. Apply 11 kg urea, 60 kg single superphosphate/acre to mash at sowing. The rainfed crop should be sown with the onset of monsoon.
- **Sunflower:** Farmers are advised to do irrigation as per the rainfall weather forecast .
- **Sugarcane:** Farmers are requested to do irrigation as per weather forecast.
- **LiveStock:** : Animal sheds should be constructed at raised floors so that water can be easily drained. Humidity should not be allowed to accomodate in animal sheds and to control this windows should be opened during day time when sunlight is available. Clean air will drive humidity out and animals can be saved from respiratory diseases. Sheds should have solid brick floors so that they can be easily cleaned. The soil of kutchra floors should be changed from time to time.
- **Poultry:** Farmers are advised to keep their poultry birds in well-ventilated houses. Proper ventilation ensures drinking water (frequent access to clean and cool water), continuous airflow (maintaining balanced oxygen levels to birds).
The incidence of mosquitoes, flies, ticks etc. are may be increasing, due to moist condition care to be taken for prevention, spread of diseases caused by them. Offer the drinking water time to time, provide each cattle/animal/bovine. To provide the cattle/animal 50 grams iodized salt and 50 to 100 grams mineral mixture daily with feed & green fodder (ensure the available) to keep them healthy.

District wise weather warnings for Haryana Dated 04 July 2025

हरियाणा के लिए जिलेवार मौसम चेतावनी

Note: Warning for any day is valid from 0830 hours IST of that day till 0830 hours IST of next day
 किसी भी दिन की चेतावनी उस दिन के 0830 बजे IST से अगले दिन के 0830 बजे IST तक लागू रहेगी



Legend



Heavy rain



Heavy to very heavy rain



Thunderstorm /lightning



No Warning
कोई चेतावनी नहीं



Be Updated
निगरानी



Be Prepared
सचेत(तैयार रहे)



Take Action
चेतावनी(कार्रवाई करें)

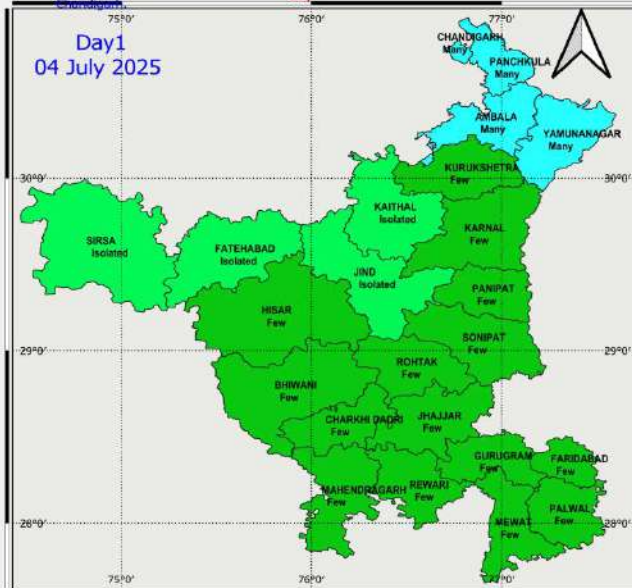


India Meteorological
Department,
Meteorological Centre,
Chandigarh

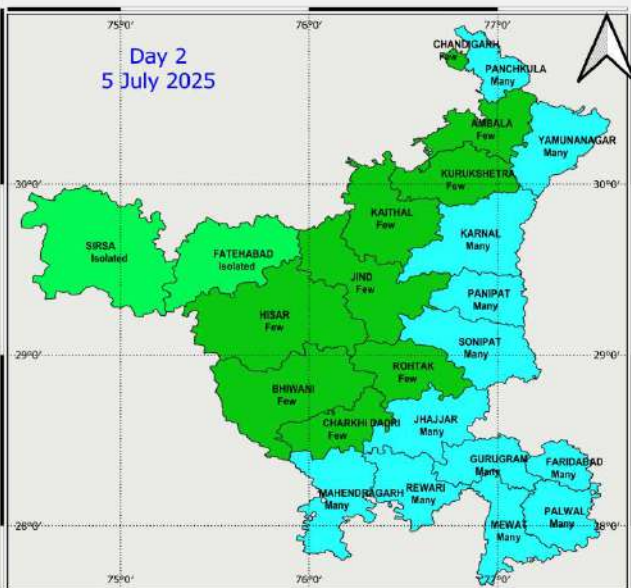
District Wise Rainfall Forecast for Haryana Dated 04 July 2025

Note: Forecast for any day is valid from 0830 hours IST of that day till 0830 hours IST of next day

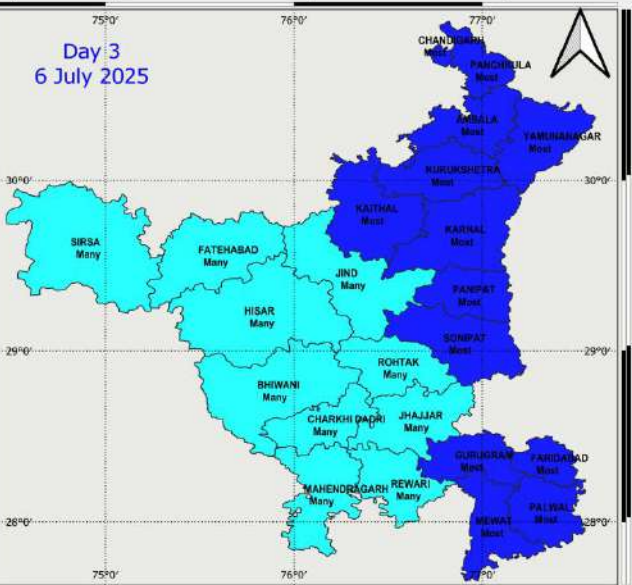
Day 1
04 July 2025



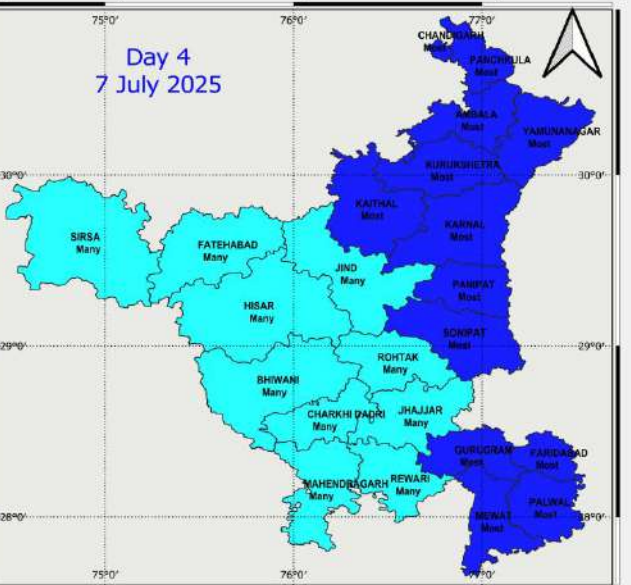
Day 2
5 July 2025



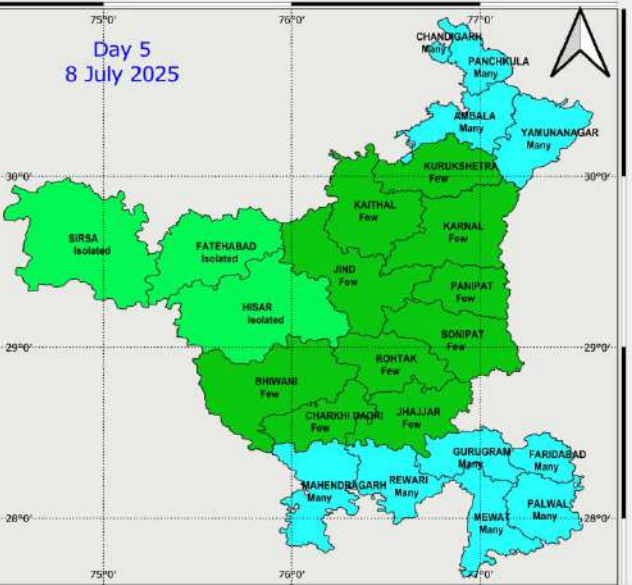
Day 3
6 July 2025



Day 4
7 July 2025



Day 5
8 July 2025



Legend

Spatial Distribution
(Percentage of stations reporting rainfall)

- Dry (No Rain)
- Isolated ($\leq 25\%$)
- Few (25-50 %)
- Many (50-75 %)
- Most (75-100%)

Detailed Districtwise Warnings :

➤ https://mausam.imd.gov.in/chandigarh/mcdata/district_warn_haryana.pdf

**State Agro Meteorological Centre
Meteorological Centre, Chandigarh**