



Govt. of India/भारत सरकार  
Ministry of Earth Sciences/पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department/भारत मौसम विज्ञान विभाग  
Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ

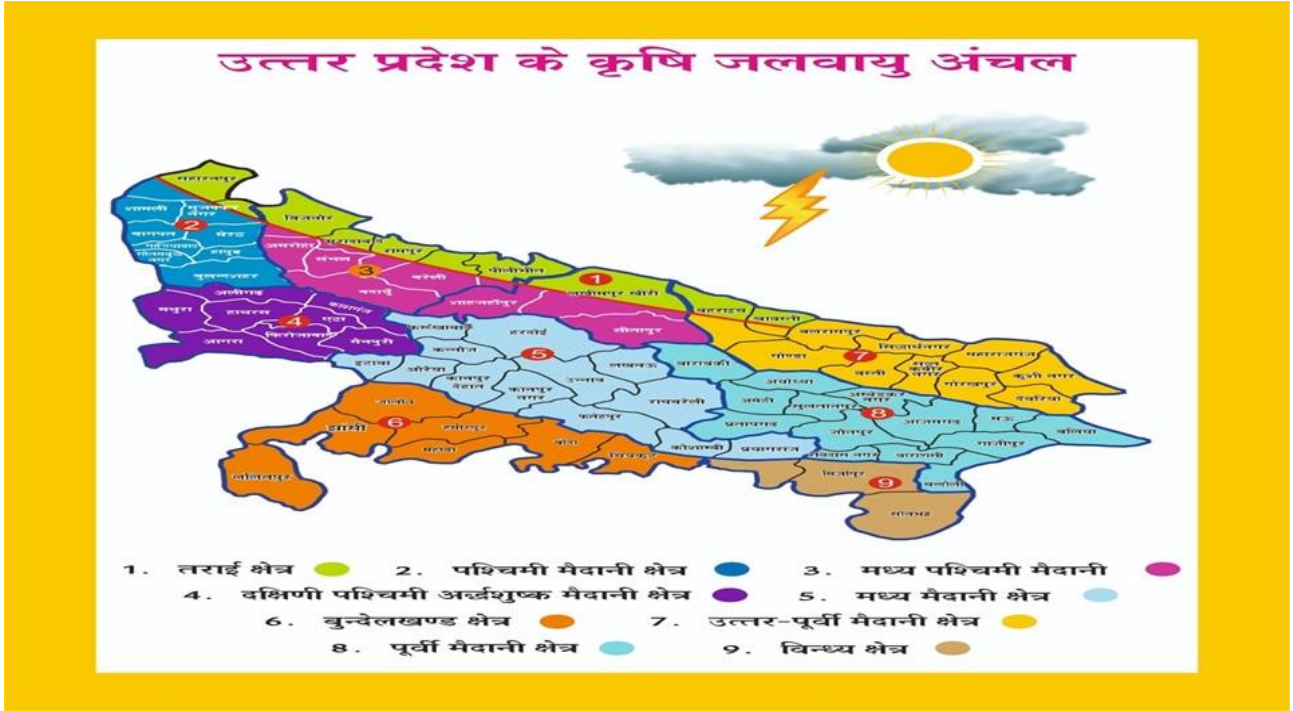


उत्तर प्रदेश  
संयुक्त कृषि-मौसम सलाहकार सेवा बुलेटिन

जारी दिनांक : 01.07.2025

बुलेटिन सं. 52/25

( दिनांक 01.07.2025 (भा.मा.स. 0830) से 04.07.2025 (भा.मा.स. 0830) तक )



| उत्तर प्रदेश राज्य के नौ कृषि-जलवायु अंचल |  |  |   |
|---|--|--|---|
| क्र.सं                                    | कृषि-जलवायु अंचल                           | ज़िले  | एग्रोमेट फील्ड यूनिट (AMFU)                 |
| 1   | भावर-तराई क्षेत्र                          | बहराईच, लखीमपुर खीरी, पीलीभीत, रामपुर, मुरादाबाद, बिजनौर, सहारनपुर.  | बहराईच, कानपुर, मेरठ (मोदीपुरम)             |
| 2   | पश्चिमी मैदानी क्षेत्र                     | शामली, मुज़फ्फरनगर, बागपत, मेरठ, गाजियाबाद, हापुड, गौतमबुद्धनगर, बुलन्दशहर।  | मेरठ (मोदीपुरम)                             |
| 3   | मध्य-पश्चिमी मैदानी क्षेत्र                | अमरोहा (ज्योतिबा फुले नगर), संभल, बदायूँ, बरेली, शाहजहाँपुर, सीतापुर।  | मेरठ (मोदीपुरम), कानपुर                     |
| 4   | दक्षिणी-पश्चिमी अर्द्धशुष्क मैदानी क्षेत्र | अलीगढ़, मथुरा, हाथरस, कांशीराम नगर (कांसगंज), एटा, फिरोजाबाद, मैनपुरी, आगरा।   | मेरठ (मोदीपुरम), कानपुर                     |
| 5   | मध्य मैदानी क्षेत्र                        | इटावा, फर्रुखाबाद, कन्नौज, हरदोई, औरैया, लखनऊ, कानपुर देहात, कानपुर नगर, उन्नाव, फतेहपुर, रायबरेली, कौशांबी।                                 | कानपुर, प्रयागराज, अयोध्या, मेरठ (मोदीपुरम) |
| 6   | बुन्देलखण्ड क्षेत्र                        | झाँसी, जालौन, हमीरपुर, महोबा, बाँदा, चित्रकूट, ललितपुर।  | झाँसी (भरारी), प्रयागराज                    |
| 7   | उत्तर-पूर्वी मैदानी क्षेत्र                | गोरखपुर, गोंडा, बलरामपुर, बस्ती, श्रावस्ती, संत कबीर नगर, कुशीनगर, देवरिया, सिद्धार्थनगर, महाराजगंज।   | बहराईच, अयोध्या                             |
| 8   | पूर्वी मैदानी क्षेत्र                      | बाराबंकी, अमेठी, अयोध्या, प्रतापगढ़, सुल्तानपुर, अम्बेडकर नगर, जौनपुर, आजमगढ़, संत रविदास नगर (भदोही), मऊ, वाराणसी, गाज़ीपुर, बलिया, चंदौली। | अयोध्या, प्रयागराज, वाराणसी।                |
| 9   | विन्ध्य क्षेत्र                            | प्रयागराज, मिर्ज़ापुर, सोनभद्र।  | प्रयागराज, वाराणसी।                         |



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**भाग-I: मौसम**

**i. दिनांक 28.06.2025 से 01.07.2025 की अवधि के दौरान वास्तविक वर्षा**

| वर्षा (मिमी.)        | 28.06.2025 से 01.07.2025 तक आवधिक वर्षा |         |         |              | संचयी मौसमी वर्षा ( 01 जून 2025 से ) |         |         |              |
|----------------------|---|---------|---------|--------------|--------------------------------------|---------|---------|--------------|
|                      | वास्तविक                                | सामान्य | % विचलन | वर्षा श्रेणी | वास्तविक                             | सामान्य | % विचलन | वर्षा श्रेणी |
| उत्तर प्रदेश         | 48.0                                    | 27.2    | +76     | बहुत ज्यादा  | 124.3                                | 101.3   | +23     | ज्यादा       |
| पूर्वी उत्तर प्रदेश  | 38.1                                    | 30.1    | +27     | ज्यादा       | 111.4                                | 113.9   | -2      | सामान्य      |
| पश्चिमी उत्तर प्रदेश | 62.2                                    | 23.3    | +167    | बहुत ज्यादा  | 142.8                                | 83.8    | +70     | बहुत ज्यादा  |

**28.06.2025 से 01.07.2025 तक आवधिक वर्षा विचलन (%)**

**मानसून (01.06.2025 से) वर्षा विचलन (%)**

**INDIA METEOROLOGICAL DEPARTMENT  
MC LUCKNOW**

**Rainfall % Departures from the Long Period Averages  
for Districts in UTTAR PRADESH**

PERIOD : 28.06.2025 - 01.07.2025



LEGEND: L. EXCESS (+60% OR MORE) EXCESS (+20% TO +59%) NORMAL (+19% TO -19%) DEFICIENT (-20% TO -59%) L. DEFICIENT (-60% TO -99%) NO RAIN [-100%] NO DATA

**INDIA METEOROLOGICAL DEPARTMENT  
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**Rainfall % Departures from the Long Period Averages  
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**ii. जलवायु अंचलवार प्रमुख मौसमी गतिविधियाँ मान दिनांक 28.06.2025 से 01.07.2025 तक**

| कृषि-जलवायु अंचल                           | प्रमुख मौसमी गतिविधियाँ एवं वर्षा ( $\geq 5cm$ )   |
|--|--|
| भाबर-तराई क्षेत्र                          | 28.06.2025:-सहारनपुर-10, 29.06.2025:-बिजनौर-8, सहारनपुर-5। 30.06.2025:- नानपारा-9, मुहम्मदी-6, बीसलपुर-5, बिलारी-12, मुरादाबाद-5, बिजनौर-14, चांदपुर-9, धामपुर-11, 01.07.2025:-बहराइच-7, महसी-5, खीरी लखीमपुर-5, मुहम्मदी-7, पलियाकलां-21। |
| पश्चिमी मैदानी क्षेत्र                     | 29.06.2025:- मुज़फ्फरनगर-5. 30.06.2025:- हापुड-6, अनूपशहर-8, खुर्जा-5, मवाना-18, मेरठ-12, मेरठ तह-8, सरधना-7, जानसठ-12, मुज़फ्फरनगर-5, मुज़फ्फरनगर(टी)-12। 01.07.2025:- मुज़फ्फरनगर-10.  |
| मध्य-पश्चिमी मैदानी क्षेत्र                | 29.06.2025:- बहेड़ी-6, बरेली सीडब्ल्यूसी-6। 30.06.2025:- गुन्नौर-16, संभल-11, अमरोहा-7। 01.07.2025:-बरेली पीबीओ-5  |
| दक्षिणी-पश्चिमी अर्द्धशुष्क मैदानी क्षेत्र | 29.06.2025:-अलीगढ़-7. 30.06.2025:- अलीगंज-7, जलेश्वर-17, करहल-9, आगरा (सीडब्ल्यूसी)-8, आगरा ऑबसी-6, हाथरस-12, सादाबाद-11, सासनी-6, अलीगढ़-9, अतरौली-8। 01.07.2025:- खैरागढ़-9.   |
| मध्य मैदानी क्षेत्र                        | 29.06.2025:- डबरी एफएमओ-9, बांगरमऊ-5। 30.06.2025:- कानपुर ऑबसी-6, अकबरपुर केएनपी डीएचटी-5, फतेहगढ़ सीडब्ल्यूसी-6, फतेहगढ़ ऑबसी-9। 01.07.2025:- बिंदकी-7, अंकिगघाट-5, कानपुर आईएफ-5, छिबरामऊ-8, कन्नौज-5, संडीला-5।                         |
| बुन्देलखण्ड क्षेत्र                        | 28.06.2025:- कर्वी-5, चरखारी-5। 29.06.2025:- मोठ-5. 30.06.2025:- महोबा-6। 01.07.2025:- राठ-10, झाँसी-7, उरई-9  |
| उत्तर-पूर्वी मैदानी क्षेत्र                | 29.06.2025:-बलरामपुर-7. 30.06.2025:- बांसी सीडब्ल्यूसी-5, बांसी तहसील-7, उस्का बाजार एफएमओ-10। 01.07.2025:- बस्ती सीडब्ल्यूसी-5, बस्ती ऑबसी-5, गोंडा सीडब्ल्यूसी-5, गोंडा सदर-5।   |
| पूर्वी मैदानी क्षेत्र                      | 30.06.2025:-आजमगढ़-6,फतेहपुर तहसील-7,रामनगर-7। 01.07.2025:- फुरसतगंज-7, राजघाट ( Vns Cwc )-5, वाराणसी-बी.एच.यू.-9, राजीपुर ऑबसी-6, अयोध्या-10, बारा बांकी-5, फतेहपुर तहसील-17, सिरौली गौसपुर तहसील-7।                                      |
| विन्ध्य क्षेत्र                            | 28.06.2025:- चुर्क-7, घोरावल-10, राबर्ट्सगंज-8। 01.07.2025:- चोपन एफएमओ-6, घोरावल-5, चुनार-5।  |



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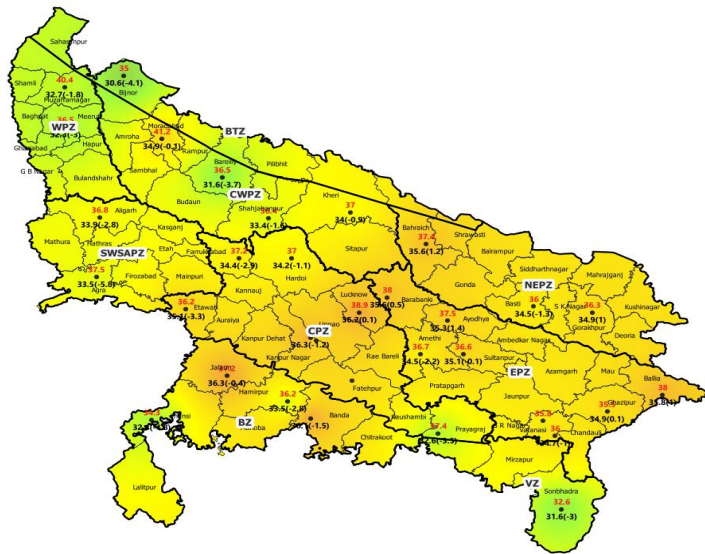


iii. कृषि-जलवायु अंचलवार मौसम सारांश दिनांक 27.06.2025 (भा.मा.स. 0830) से 01.07.2025 (भा.मा.स. 0830) तक

| कृषि-जलवायु अंचल                              | औसत अधिकतम तापमान<br>(° से.) |        | औसत न्यूनतम तापमान<br>(° से.) |        | औसत सापेक्षिक आर्द्रता<br>(%) |                  | वायु गति एवं दिशा<br>(किमी./घं) दिशा |             | बादल<br>(ऑक्टा) |
|---|------------------------------|--------|-------------------------------|--------|-------------------------------|------------------|--------------------------------------|-------------|-----------------|
|   | वास्तविक<br>(विचलन)          | श्रेणी | वास्तविक<br>(विचलन)           | श्रेणी | 0830<br>भा.मा.स.              | 1730<br>भा.मा.स. |                                      |             |                 |
| भावर-तराई क्षेत्र                             | 33.3<br>(-2.0)               | ↓      | 25.9<br>(0.0)                 | ↔      | 87                            | 78               | 02-12                                | उ.पू.- उ.प. | 3-8             |
| पश्चिमी मैदानी क्षेत्र                        | 32.9<br>(-2.5)               | ↓      | 25.3<br>(-0.4)                | ↔      | 89                            | 78               | 04-08                                | उ.पू.- उ.प. | 5-8             |
| मध्य-पश्चिमी मैदानी क्षेत्र                   | 33.8<br>(-1.7)               | ↓      | 26.2<br>(+0.1)                | ↔      | 87                            | 77               | 00-04                                | द.पू.- उ.प. | 4-8             |
| दक्षिणी-पश्चिमी<br>अर्द्धशुष्क मैदानी क्षेत्र | 33.9<br>(-3.3)               | ↓      | 26.0<br>(+0.0)                | ↔      | 89                            | 83               | 04-10                                | द.पू.- द.प. | 5-8             |
| मध्य मैदानी क्षेत्र                           | 34.8<br>(-1.7)               | ↓      | 26.3<br>(-0.3)                | ↔      | 84                            | 79               | 04-10                                | उ.पू.- प.   | 5-8             |
| बुन्देलखण्ड क्षेत्र                           | 34.6<br>(-2.1)               | ↓      | 26.2<br>(-0.8)                | ↔      | 82                            | 77               | 02-10                                | उ.पू.- उ.प. | 3-8             |
| उत्तर-पूर्वी मैदानी क्षेत्र                   | 34.9<br>(-0.1)               | ↔      | 26.5<br>(+0.0)                | ↔      | 82                            | 77               | 02-10                                | उ.पू.- द.   | 3-8             |
| पूर्वी मैदानी क्षेत्र                         | 34.8<br>(-0.6)               | ↔      | 26.2<br>(-0.4)                | ↔      | 85                            | 77               | 04-12                                | उ.पू.- उ.प. | 4-8             |
| विन्ध्य क्षेत्र                               | 33.3<br>(-2.1)               | ↓      | 26.1<br>(-0.4)                | ↔      | 88                            | 84               | 02-08                                | पू.- उ.प.   | 5-8             |

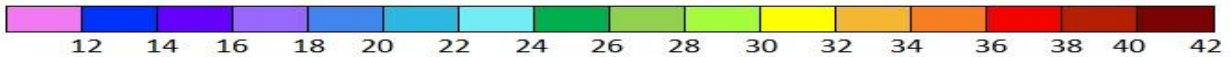
औसत अधिकतम तापमान

27.06.2025 (भा.मा.स. 0830) से 01.07.2025 (भा.मा.स.0830) तक



औसत न्यूनतम तापमान

27.06.2025 (भा.मा.स. 0830) से 01.07.2025 (भा.मा.स.0830) तक



- लाल/नीले रंग से प्रदर्शित संख्या उस वेधशाला पर सबसे अधिक अधिकतम / न्यूनतम तापमान को प्रदर्शित करती है।
- काले रंग से प्रदर्शित संख्या उस वेधशाला पर औसत अधिकतम / न्यूनतम तापमान तथा कोष्टक में लिखी हुई संख्या सामान्य से विचलन को प्रदर्शित करती है।



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Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ



iv. कृषि-जलवायु अंचलवार मौसम पूर्वानुमान दिनांक 01.07.2025 से 04.07.2025 तक

| कृषि जलवायु अंचल                           | वर्षा (मिमी.)  |                |                |                |                | अधिकतम तापमान (" से.) |         | न्यूनतम तापमान (" से.) |         | सापेक्षिक आर्द्रता (%)      |                            | वायु गति एवं दिशा |             | बादल (ऑक्ट) | मौसम चेतावनी   |                |                |                |                |
|--|----------------|----------------|----------------|----------------|----------------|-----------------------|---------|------------------------|---------|-----------------------------|----------------------------|-------------------|-------------|-------------|----------------|----------------|----------------|----------------|----------------|
|  | D <sub>1</sub> | D <sub>2</sub> | D <sub>3</sub> | D <sub>4</sub> | D <sub>5</sub> | वास्तविक              | सामान्य | वास्तविक               | सामान्य | वास्तविक (न्यूनतम - अधिकतम) | सामान्य (न्यूनतम - अधिकतम) | (किमी./घं)        | दिशा        | (ऑक्ट)      | D <sub>1</sub> | D <sub>2</sub> | D <sub>3</sub> | D <sub>4</sub> | D <sub>5</sub> |
| भाबर-तराई क्षेत्र                          |                |                |                |                |                | 33-36                 | 35      | 24-26                  | 26      | 50-92                       | 65-79                      | 04-18             | उ.पू.- उ.प. | 3-8         |                |                |                |                |                |
| पश्चिमी मैदानी क्षेत्र                     |                |                |                |                |                | 30-36                 | 35      | 23-26                  | 26      | 52-97                       | 62-77                      | 01-14             | उ.पू.- उ.प. | 2-8         |                | NIL            |                | NIL            |                |
| मध्य-पश्चिमी मैदानी क्षेत्र                |                |                |                |                |                | 31-36                 | 35      | 24-27                  | 26      | 49-96                       | 65-79                      | 02-15             | उ.पू.- उ.प. | 2-8         |                | NIL            | NIL            | NIL            | NIL            |
| दक्षिणी-पश्चिमी अर्द्धशुष्क मैदानी क्षेत्र |                |                |                |                |                | 32-36                 | 37      | 24-26                  | 26      | 78-95                       | 59-74                      | 02-14             | उ.पू.- उ.प. | 3-8         |                |                |                |                |                |
| मध्य मैदानी क्षेत्र                        |                |                |                |                |                | 32-36                 | 36      | 24-26                  | 27      | 50-95                       | 63-73                      | 02-14             | उ.पू.- उ.प. | 4-8         |                |                |                |                |                |
| बुन्देलखण्ड क्षेत्र                        |                |                |                |                |                | 31-35                 | 36      | 24-26                  | 27      | 50-95                       | 63-74                      | 02-14             | उ.पू.- उ.प. | 3-8         |                |                |                |                |                |
| उत्तर-पूर्वी मैदानी क्षेत्र                |                |                |                |                |                | 28-36                 | 35      | 22-26                  | 26      | 50-99                       | 69-80                      | 02-18             | उ.पू.- उ.प. | 4-8         | NIL            | NIL            | NIL            |                | NIL            |
| पूर्वी मैदानी क्षेत्र                      |                |                |                |                |                | 31-36                 | 35      | 23-26                  | 27      | 50-96                       | 69-78                      | 02-18             | उ.पू.- उ.प. | 3-8         |                |                |                |                |                |
| विन्ध्य क्षेत्र                            |                |                |                |                |                | 29-35                 | 35      | 22-26                  | 26      | 60-98                       | 66-75                      | 02-12             | उ.पू.- उ.प. | 6-8         |                |                |                |                |                |

| प्रतीक चिह्न | संबद्ध मौसम                             | प्रतीक चिह्न | संबद्ध मौसम                           | प्रतीक चिह्न | संबद्ध मौसम                      |
|--------------|---|--------------|---------------------------------------|--------------|----------------------------------|
|              | शुष्क                                   |              | तड़ित झंझावात/ वज्रपात                |              | हल्की से मध्यम वर्षा             |
|              | शीत लहर                                 |              | तूफान/ चंडवात                         |              | भारी वर्षा                       |
|              | तेज हवा                                 |              | ओलावृष्टि                             |              | भारी से बहुत भारी वर्षा          |
|              | कोहरा                                   |              | बहुत हल्की से हल्की वर्षा             |              | अत्यधिक भारी वर्षा               |
|              | सामान्य (-1.5°C to +1.5°C)              |              | सामान्य से अधिक (+1.6°C to +3.0°C)    |              | सामान्य से कम (-1.6°C to -3.0°C) |
|              | सामान्य से बहुत अधिक (+3.1°C to +5.0°C) |              | सामान्य से बहुत कम (-3.1°C to -5.0°C) |              | ऊष्ण लहर                         |

| वर्षा की तीव्रता (Rainfall Intensity) |                     | आसमान की स्थिति (Sky Condition) |                           | कोहरे की तीव्रता (Fog Intensity) |                                   |
|---------------------------------------|---------------------|---------------------------------|---------------------------|----------------------------------|-----------------------------------|
| शब्दावली                              | वर्षमान (मिमी. में) | शब्दावली                        | बादल की मात्रा (ऑक्ट में) | शब्दावली                         | दृश्यता (मीटर में)                |
| बहुत हल्की वर्षा                      | Trace – 2.4         | आसमान साफ़                      | 0                         | धुंध                             | > 1000 (सापेक्षिक आर्द्रता < 75%) |
| हल्की वर्षा                           | 2.5 – 15.5          | आसमान मुख्यतया साफ़             | 1-2                       | कुहासा                           | > 1000 (सापेक्षिक आर्द्रता > 75%) |
| मध्यम वर्षा                           | 15.6 – 64.4         | आसमान में आंशिक बादल            | 3-4                       | छिछला कोहरा                      | < 1000                            |
| भारी वर्षा                            | 64.5 – 115.5        | आसमान में आमतौर पर बादल         | 6-7                       | मध्यम कोहरा                      | < 500                             |
| बहुत भारी वर्षा                       | 115.6 – 204.4       | बादलों से पूरा घिरा आसमान       | 8                         | घना कोहरा                        | < 200                             |
| अत्यधिक भारी वर्षा                    | > 204.5             | अस्पष्ट/धुंधला आसमान            | -                         | अत्यधिक घना कोहरा                | < 50                              |

| Regional Distribution (% of Stations Reporting) |                                 | Probabilistic Forecast |             | Colour Based Warning/ Advisory |               |
|---|---------------------------------|------------------------|-------------|--------------------------------|---------------|
| % Station                                       | Description                     | Terminology            | Probability | Colour                         | चेतावनी /सलाह |
| 76-100  | Most Places (Widespread)        | Unlikely               | <25%        | Green (No Warning)             | No Action     |
| 51-75   | Many Places (Fairly Widespread) | Likely                 | 25%-50%     | Yellow                         | Be Aware      |
| 26-50   | Few Places (Scattered)          | Very Likely            | 51%-75%     | Orange                         | Be Ready      |
| <25   | Isolated Places                 | Most Likely            | > 75%       | Red                            | Take Action   |



0522-2436603



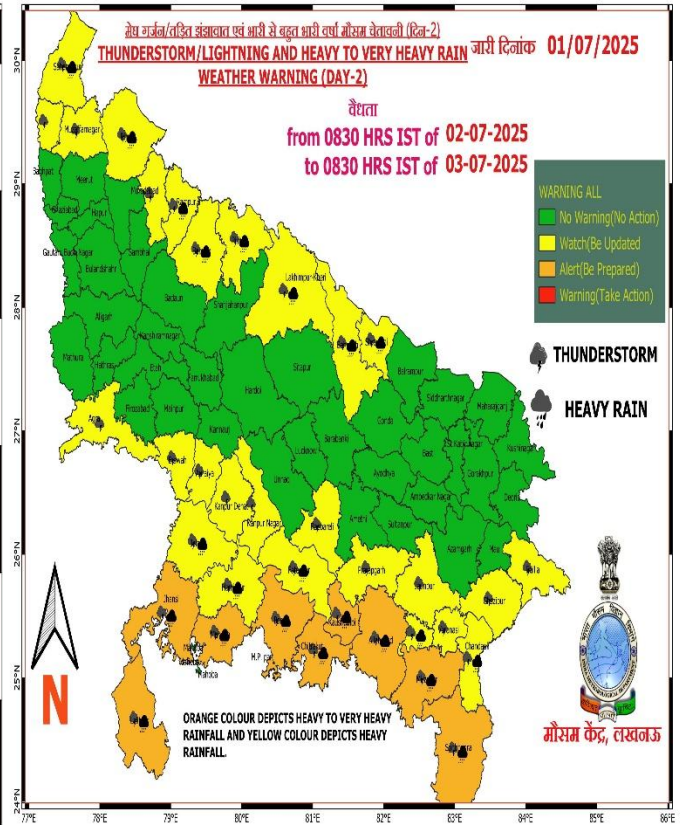
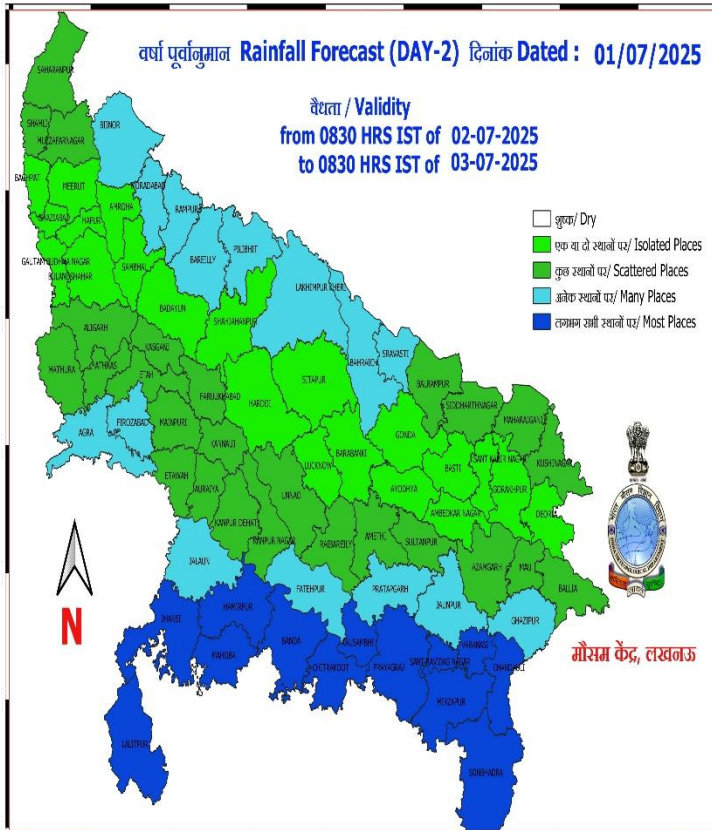
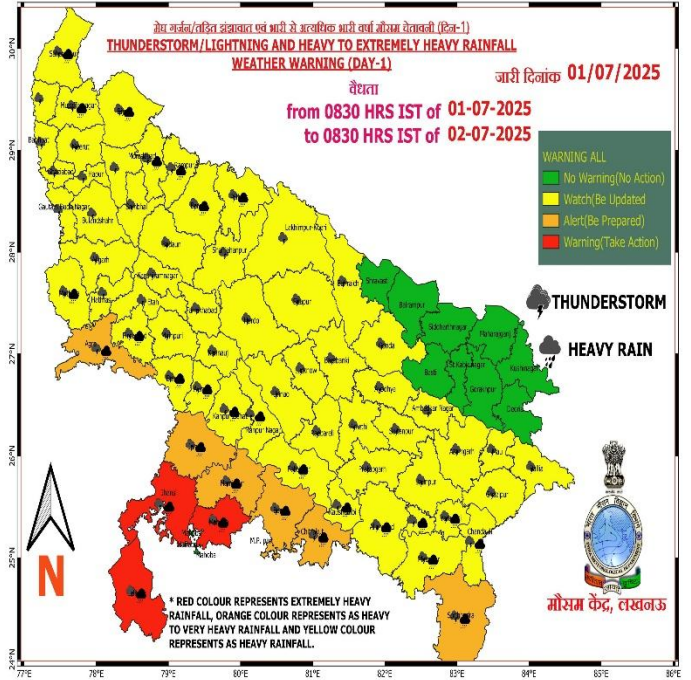
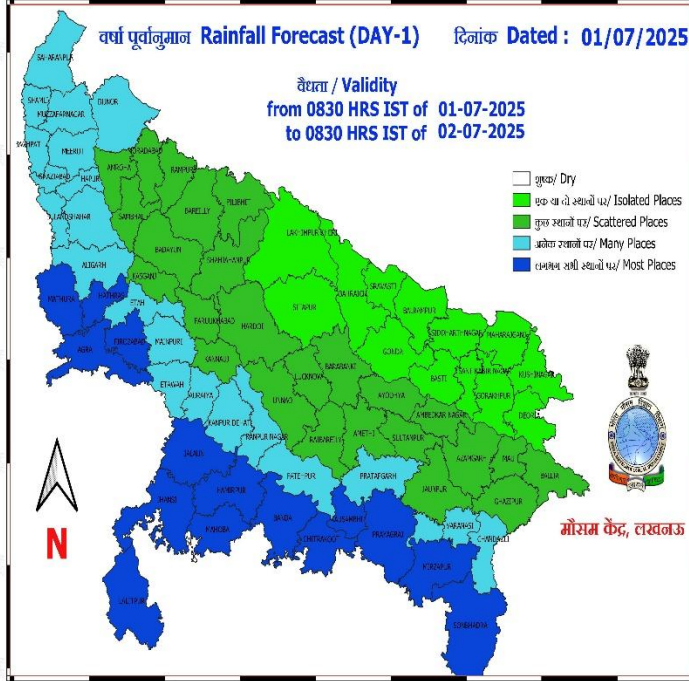
mclknagrimet@yahoo.com



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Ministry of Earth Sciences/पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department/भारत मौसम विज्ञान विभाग  
Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ



जिलेवार वर्षा एवं चेतावनी पूर्वानुमान ग्राफ़िक्स (चित्रमुद्रण):-



0522-2436603

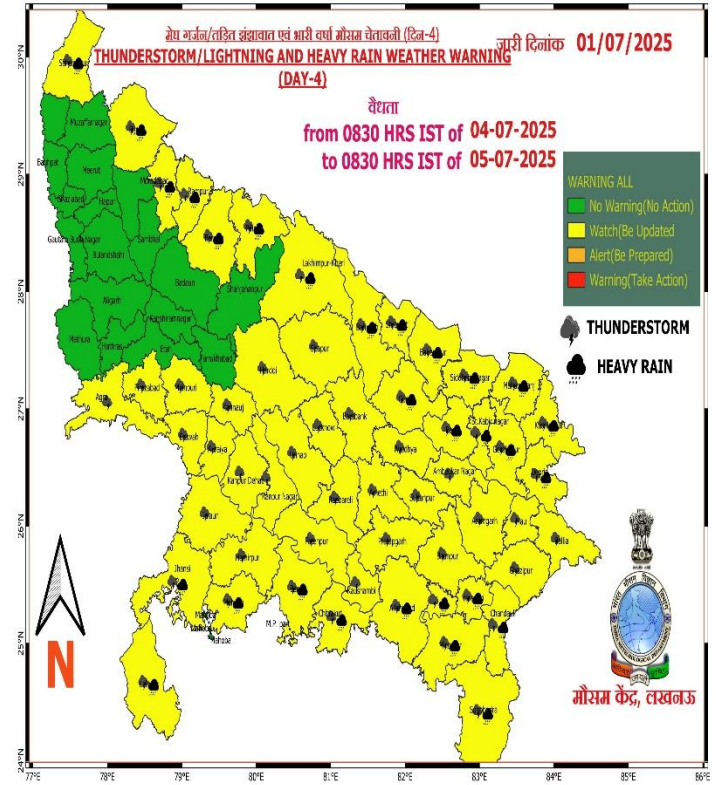
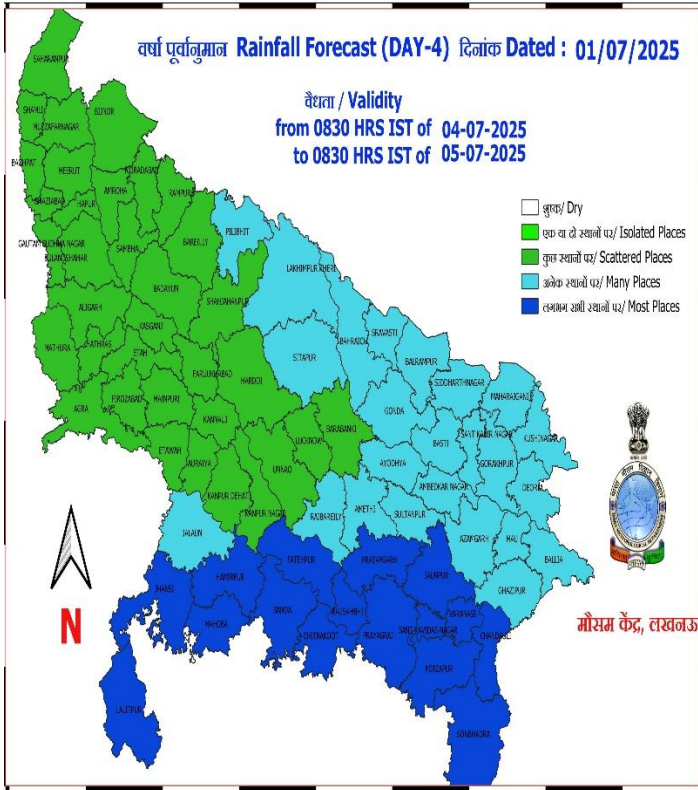
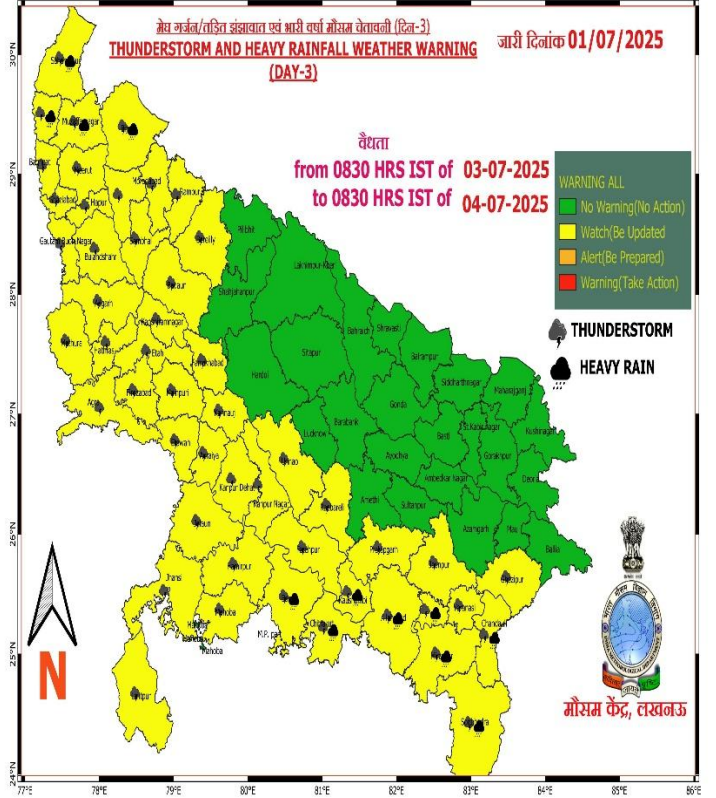
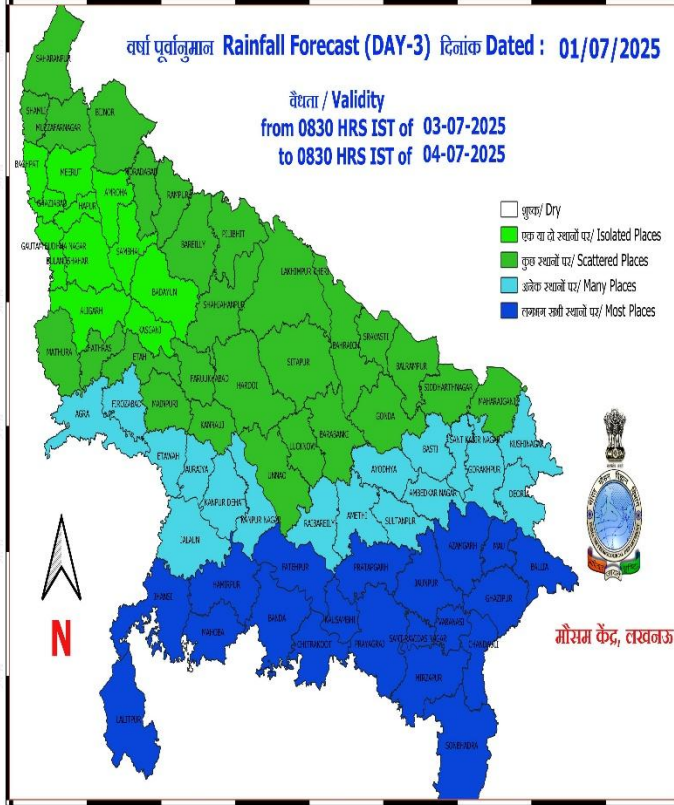


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Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ



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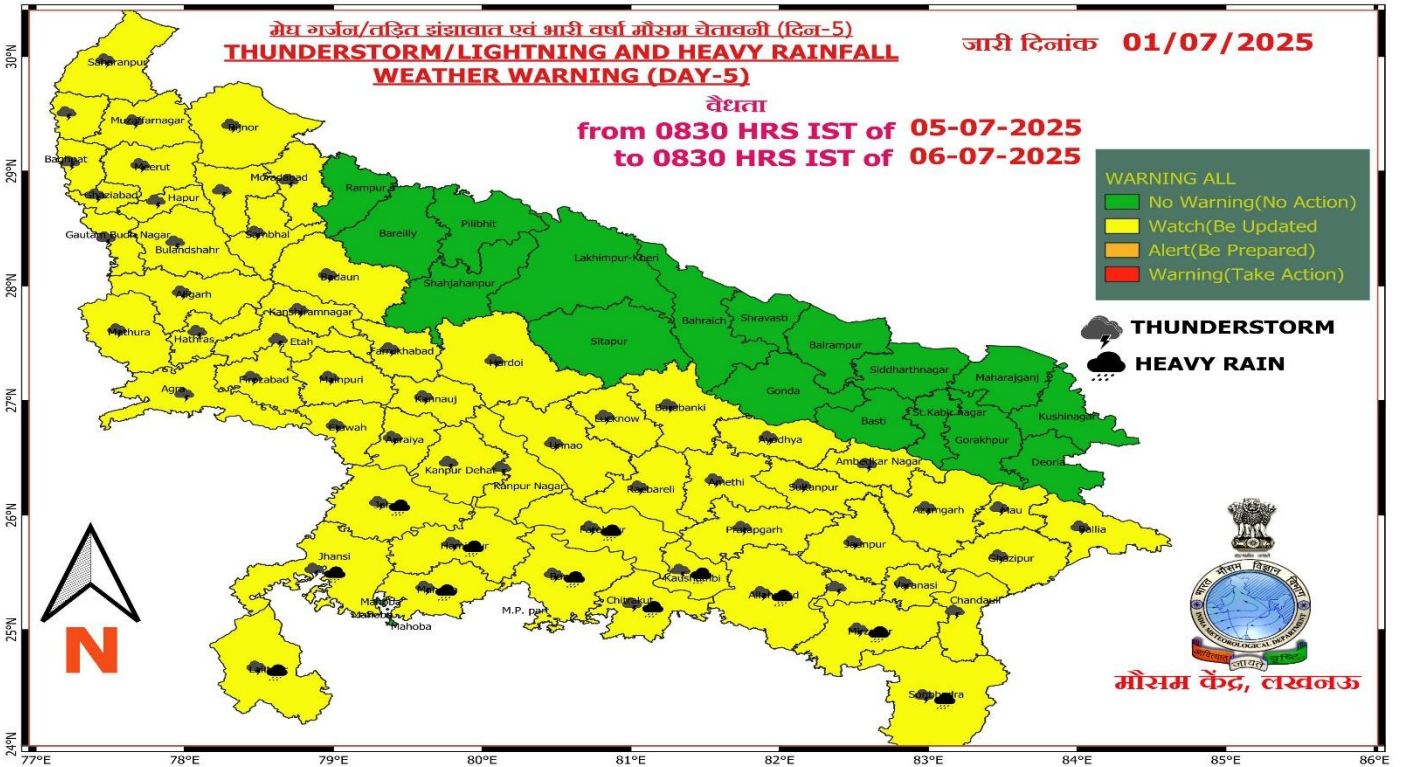
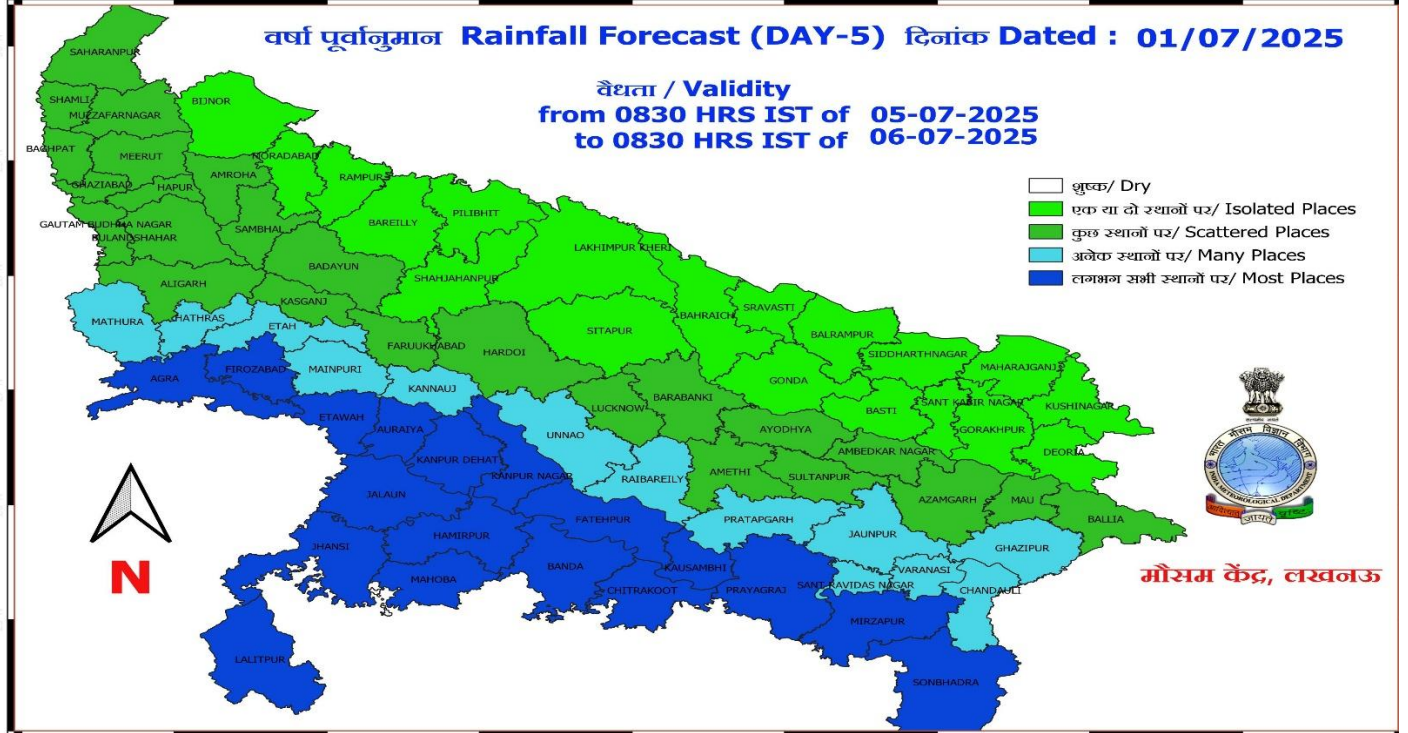
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Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ

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Years of Service to the Nation  
राष्ट्र सेवा के 150 वर्ष



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**Districtwise Probabilistic Rainfall Forecast and Warning for Uttar Pradesh**  
**उत्तर प्रदेश के लिए जिलावार संभावित वर्षा पूर्वानुमान एवं चेतावनी**

| District                        |              | 01-07-2025                                 | 02-07-2025                 | 03-07-2025                 | 04-07-2025                 | 05-07-2025                 |
|---------------------------------|--------------|--|----------------------------|----------------------------|----------------------------|----------------------------|
|                                 |              | Tuesday                                    | Wednesday                  | Thursday                   | Friday                     | Saturday                   |
| AGRA/आगरा                       | Distribution | Most Places                                | Many Places                | Many Places                | Scattered Places           | Most Places                |
|                                 | Intensity    | Moderate                                   | Moderate                   | Moderate                   | Light to Moderate          | Moderate                   |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| ALIGARH/ अलीगढ़                 | Distribution | Many Places                                | Scattered Places           | Isolated Places            | Scattered Places           | Scattered Places           |
|                                 | Intensity    | Moderate                                   | Light to Moderate          | Very Light to Light        | Light to Moderate          | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | THUNDERSTORM/LI<br>GHTNING | NIL                        | THUNDERSTORM/LI<br>GHTNING |
| AMBEDKAR NAGAR/<br>अम्बेडकर नगर | Distribution | Scattered Places                           | Isolated Places            | Many Places                | Many Places                | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Very Light to Light        | Moderate                   | Moderate                   | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | NIL                        | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| AMETHI/ अमेठी                   | Distribution | Scattered Places                           | Scattered Places           | Many Places                | Many Places                | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Light to Moderate          | Moderate                   | Moderate                   | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | NIL                        | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| AMROHA/ अमरोहा                  | Distribution | Scattered Places                           | Isolated Places            | Isolated Places            | Scattered Places           | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Very Light to Light        | Very Light to Light        | Light to Moderate          | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | THUNDERSTORM/LI<br>GHTNING | NIL                        | THUNDERSTORM/LI<br>GHTNING |
| AURAIYA/ औरैया                  | Distribution | Many Places                                | Scattered Places           | Many Places                | Scattered Places           | Most Places                |
|                                 | Intensity    | Moderate                                   | Light to Moderate          | Moderate                   | Light to Moderate          | Moderate                   |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| AYODHYA/ अयोध्या                | Distribution | Scattered Places                           | Isolated Places            | Many Places                | Many Places                | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Very Light to Light        | Moderate                   | Moderate                   | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | NIL                        | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| AZAMGARH/<br>आज़मगढ़            | Distribution | Scattered Places                           | Scattered Places           | Most Places                | Many Places                | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Light to Moderate          | Moderate                   | Moderate                   | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | NIL                        | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| BADAUN/ बदायूं                  | Distribution | Scattered Places                           | Isolated Places            | Isolated Places            | Scattered Places           | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Very Light to Light        | Very Light to Light        | Light to Moderate          | Light to Moderate          |



|                        |              |  |  |  |  |  |
|------------------------|--------------|--|--|--|--|--|
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| BAGHPAT/ बागपत         | Distribution | Many Places                                | Isolated Places                            | Isolated Places                            | Scattered Places                           | Scattered Places                           |
|                        | Intensity    | Moderate                                   | Very Light to Light                        | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| BAHRAICH/ बहराइच       | Distribution | Isolated Places                            | Many Places                                | Scattered Places                           | Many Places                                | Isolated Places                            |
|                        | Intensity    | Very Light to Light                        | Moderate                                   | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| BALLIA/ बलिया          | Distribution | Scattered Places                           | Scattered Places                           | Most Places                                | Many Places                                | Scattered Places                           |
|                        | Intensity    | Light to Moderate                          | Light to Moderate                          | Moderate                                   | Moderate                                   | Light to Moderate                          |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| BALRAMPUR/<br>बलरामपुर | Distribution | Isolated Places                            | Scattered Places                           | Scattered Places                           | Many Places                                | Isolated Places                            |
|                        | Intensity    | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | NIL  | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| BANDA/बाँदा            | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                        | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| BARABANKI/<br>बाराबंकी | Distribution | Scattered Places                           | Isolated Places                            | Scattered Places                           | Scattered Places                           | Scattered Places                           |
|                        | Intensity    | Light to Moderate                          | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| BAREILLY/ बरेली        | Distribution | Scattered Places                           | Many Places                                | Scattered Places                           | Scattered Places                           | Isolated Places                            |
|                        | Intensity    | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| BASTI/बस्ती            | Distribution | Isolated Places                            | Isolated Places                            | Many Places                                | Many Places                                | Isolated Places                            |
|                        | Intensity    | Very Light to Light                        | Very Light to Light                        | Moderate                                   | Moderate                                   | Very Light to Light                        |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | NIL  | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| BHADOHI/ भदोही         | Distribution | Many Places                                | Most Places                                | Most Places                                | Most Places                                | Many Places                                |
|                        | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |

|                           |              |  |  |  |  |  |
|---------------------------|--------------|--|--|--|--|--|
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 |
| BIJNORE/ मिर्जापुर        | Distribution | Many Places                                | Many Places                                | Scattered Places                           | Scattered Places                           | Isolated Places                            |
|                           | Intensity    | Moderate                                   | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 |
| BULANSAHAR/<br>बुलंदशहर   | Distribution | Many Places                                | Isolated Places                            | Isolated Places                            | Scattered Places                           | Scattered Places                           |
|                           | Intensity    | Moderate                                   | Very Light to Light                        | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| CHANDAULI/<br>चंदौली      | Distribution | Many Places                                | Most Places                                | Most Places                                | Most Places                                | Many Places                                |
|                           | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 |
| CHITRAKOOT/<br>चित्रकूट   | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                           | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| DEORIA/ देवरिया           | Distribution | Isolated Places                            | Isolated Places                            | Many Places                                | Many Places                                | Isolated Places                            |
|                           | Intensity    | Very Light to Light                        | Very Light to Light                        | Moderate                                   | Moderate                                   | Very Light to Light                        |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | NIL  | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| ETAH/एटा                  | Distribution | Many Places                                | Scattered Places                           | Scattered Places                           | Scattered Places                           | Many Places                                |
|                           | Intensity    | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Moderate                                   |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| ETAWAH/ इटावा             | Distribution | Many Places                                | Scattered Places                           | Many Places                                | Scattered Places                           | Most Places                                |
|                           | Intensity    | Moderate                                   | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Moderate                                   |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| FARUKHABAD/<br>फर्रुखाबाद | Distribution | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           |
|                           | Intensity    | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| FATEHPUR/<br>फतेहपुर      | Distribution | Many Places                                | Many Places                                | Most Places                                | Most Places                                | Most Places                                |
|                           | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |



|  |              |  |  |                            |  |  |
|--|--------------|--|--|----------------------------|--|--|
| FIROZABAD/<br>फिरोजाबाद                | Distribution | Most Places                                | Many Places                                | Many Places                | Scattered Places                           | Most Places                                |
|  | Intensity    | Moderate                                   | Moderate                                   | Moderate                   | Light to Moderate                          | Moderate                                   |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| GAUTAMBUDH<br>NAGAR/ गौतम<br>बुद्ध नगर | Distribution | Many Places                                | Isolated Places                            | Isolated Places            | Scattered Places                           | Scattered Places                           |
|  | Intensity    | Moderate                                   | Very Light to Light                        | Very Light to Light        | Light to Moderate                          | Light to Moderate                          |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| GHAZIABAD/<br>गाजियाबाद                | Distribution | Many Places                                | Isolated Places                            | Isolated Places            | Scattered Places                           | Scattered Places                           |
|  | Intensity    | Moderate                                   | Very Light to Light                        | Very Light to Light        | Light to Moderate                          | Light to Moderate                          |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| GHAZIPUR/<br>गाजीपुर                   | Distribution | Scattered Places                           | Many Places                                | Most Places                | Many Places                                | Many Places                                |
|  | Intensity    | Light to Moderate                          | Moderate                                   | Moderate                   | Moderate                                   | Moderate                                   |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| GONDA/ गोंडा                           | Distribution | Isolated Places                            | Isolated Places                            | Scattered Places           | Many Places                                | Isolated Places                            |
|  | Intensity    | Very Light to Light                        | Very Light to Light                        | Light to Moderate          | Moderate                                   | Very Light to Light                        |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | NIL                        | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| GORAKHPUR/<br>गोरखपुर                  | Distribution | Isolated Places                            | Isolated Places                            | Many Places                | Many Places                                | Isolated Places                            |
|  | Intensity    | Very Light to Light                        | Very Light to Light                        | Moderate                   | Moderate                                   | Very Light to Light                        |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | NIL  | NIL  | NIL                        | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| HAMIRPUR/<br>हमीरपुर                   | Distribution | Most Places                                | Most Places                                | Most Places                | Most Places                                | Most Places                                |
|  | Intensity    | Moderate                                   | Moderate                                   | Moderate                   | Moderate                                   | Moderate                                   |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| HAPUR/ हापुड़                          | Distribution | Many Places                                | Isolated Places                            | Isolated Places            | Scattered Places                           | Scattered Places                           |
|  | Intensity    | Moderate                                   | Very Light to Light                        | Very Light to Light        | Light to Moderate                          | Light to Moderate                          |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| HARDOI/ हरदोई                          | Distribution | Scattered Places                           | Isolated Places                            | Scattered Places           | Scattered Places                           | Scattered Places                           |
|  | Intensity    | Light to Moderate                          | Very Light to Light                        | Light to Moderate          | Light to Moderate                          | Light to Moderate                          |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | NIL                        | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
|  | Distribution | Most Places                                | Scattered Places                           | Scattered Places           | Scattered Places                           | Many Places                                |

|                               |              |  |  |  |  |  |
|-------------------------------|--------------|--|--|--|--|--|
| HATHRAS/ हथरस                 | Intensity    | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| JALAUN/जालौन                  | Distribution | Most Places                                | Many Places                                | Many Places                                | Many Places                                | Most Places                                |
|                               | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| JAUNPUR/ जौनपुर               | Distribution | Scattered Places                           | Many Places                                | Most Places                                | Most Places                                | Many Places                                |
|                               | Intensity    | Light to Moderate                          | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| JHANSI/झांसी                  | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                               | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| KANNAUJ/ कन्नौज               | Distribution | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           | Many Places                                |
|                               | Intensity    | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| KANPUR DEHAT/<br>कानपुर देहात | Distribution | Many Places                                | Scattered Places                           | Many Places                                | Scattered Places                           | Most Places                                |
|                               | Intensity    | Moderate                                   | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| KANPUR NAGAR/<br>कानपुर नगर   | Distribution | Many Places                                | Scattered Places                           | Many Places                                | Scattered Places                           | Most Places                                |
|                               | Intensity    | Moderate                                   | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| KASGANJ/ कासगंज               | Distribution | Scattered Places                           | Scattered Places                           | Isolated Places                            | Scattered Places                           | Scattered Places                           |
|                               | Intensity    | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| KAUSHAMBI/<br>कौशांबी         | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                               | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| KUSHINAGAR/                   | Distribution | Isolated Places                            | Scattered Places                           | Many Places                                | Many Places                                | Isolated Places                            |
|                               | Intensity    | Very Light to Light                        | Light to Moderate                          | Moderate                                   | Moderate                                   | Very Light to Light                        |



|                               |              |                                    |                                    |                        |                                    |                        |
|-------------------------------|--------------|------------------------------------|------------------------------------|------------------------|------------------------------------|------------------------|
| ROHTAK/ कुशीनगर               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | NIL                                | NIL                                | NIL                    | THUNDERSTORM/LIGHTNING, HEAVY-RAIN | NIL                    |
| LAKHIMPUR KHERI/ लखीमपुर खीरी | Distribution | Isolated Places                    | Many Places                        | Scattered Places       | Many Places                        | Isolated Places        |
|                               | Intensity    | Very Light to Light                | Moderate                           | Light to Moderate      | Moderate                           | Very Light to Light    |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | THUNDERSTORM/LIGHTNING             | THUNDERSTORM/LIGHTNING, HEAVY-RAIN | NIL                    | THUNDERSTORM/LIGHTNING, HEAVY-RAIN | NIL                    |
| LALITPUR/ ललितपुर             | Distribution | Most Places                        | Most Places                        | Most Places            | Most Places                        | Most Places            |
|                               | Intensity    | Moderate                           | Moderate                           | Moderate               | Moderate                           | Moderate               |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | GHTNING, HEAVY-RAIN                | GHTNING, HEAVY-RAIN                | THUNDERSTORM/LIGHTNING | IGHTNING, HEAVY-RAIN               | GHTNING, HEAVY-RAIN    |
| LUCKNOW/ लखनऊ                 | Distribution | Scattered Places                   | Isolated Places                    | Scattered Places       | Scattered Places                   | Scattered Places       |
|                               | Intensity    | Light to Moderate                  | Very Light to Light                | Light to Moderate      | Light to Moderate                  | Light to Moderate      |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | GHTNING                            | NIL                                | NIL                    | IGHTNING                           | GHTNING                |
| MAHOBA/ महोबा                 | Distribution | Most Places                        | Most Places                        | Most Places            | Most Places                        | Most Places            |
|                               | Intensity    | Moderate                           | Moderate                           | Moderate               | Moderate                           | Moderate               |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | GHTNING, HEAVY-RAIN                | GHTNING, HEAVY-RAIN                | THUNDERSTORM/LIGHTNING | IGHTNING, HEAVY-RAIN               | GHTNING, HEAVY-RAIN    |
| MAHRAJGANJ/ महाराजगंज         | Distribution | Isolated Places                    | Scattered Places                   | Scattered Places       | Many Places                        | Isolated Places        |
|                               | Intensity    | Very Light to Light                | Light to Moderate                  | Light to Moderate      | Moderate                           | Very Light to Light    |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | NIL                                | NIL                                | NIL                    | THUNDERSTORM/LIGHTNING, HEAVY-RAIN | NIL                    |
| MAINPURI/ मैनपुरी             | Distribution | Many Places                        | Scattered Places                   | Scattered Places       | Scattered Places                   | Many Places            |
|                               | Intensity    | Moderate                           | Light to Moderate                  | Light to Moderate      | Light to Moderate                  | Moderate               |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | THUNDERSTORM/LIGHTNING             | NIL                                | THUNDERSTORM/LIGHTNING | THUNDERSTORM/LIGHTNING             | THUNDERSTORM/LIGHTNING |
| MATHURA/ मथुरा                | Distribution | Most Places                        | Scattered Places                   | Scattered Places       | Scattered Places                   | Many Places            |
|                               | Intensity    | Moderate                           | Light to Moderate                  | Light to Moderate      | Light to Moderate                  | Moderate               |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | THUNDERSTORM/LIGHTNING, HEAVY-RAIN | NIL                                | THUNDERSTORM/LIGHTNING | NIL                                | THUNDERSTORM/LIGHTNING |
| MAU/ मऊ                       | Distribution | Scattered Places                   | Scattered Places                   | Most Places            | Many Places                        | Scattered Places       |
|                               | Intensity    | Light to Moderate                  | Light to Moderate                  | Moderate               | Moderate                           | Light to Moderate      |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | THUNDERSTORM/LIGHTNING             | NIL                                | NIL                    | THUNDERSTORM/LIGHTNING             | THUNDERSTORM/LIGHTNING |
| MEERUT/ मेरठ                  | Distribution | Many Places                        | Isolated Places                    | Isolated Places        | Scattered Places                   | Scattered Places       |
|                               | Intensity    | Moderate                           | Very Light to Light                | Very Light to Light    | Light to Moderate                  | Light to Moderate      |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |

|                                    |              |  |  |  |  |  |
|------------------------------------|--------------|--|--|--|--|--|
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| MIRZAPUR/<br>मिर्जापुर             | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                                    | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| MORADABAD/<br>मुरादाबाद            | Distribution | Scattered Places                           | Many Places                                | Scattered Places                           | Scattered Places                           | Isolated Places                            |
|                                    | Intensity    | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 |
| MUZAFFAR<br>NAGAR/<br>मुज़फ़्फरनगर | Distribution | Many Places                                | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           |
|                                    | Intensity    | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| PILIBHIT/ पीलीभीत                  | Distribution | Scattered Places                           | Many Places                                | Scattered Places                           | Many Places                                | Isolated Places                            |
|                                    | Intensity    | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| PRATAPGARH/<br>प्रतापगढ़           | Distribution | Many Places                                | Many Places                                | Most Places                                | Most Places                                | Many Places                                |
|                                    | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| PRAYAGRAJ/<br>प्रयागराज            | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                                    | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | GHTNING, HEAVY-<br>RAIN                    | GHTNING, HEAVY-<br>RAIN                    | GHTNING, HEAVY-<br>RAIN                    | IGHTNING, HEAVY-<br>RAIN                   | GHTNING, HEAVY-<br>RAIN                    |
| RAEBARELI/<br>रायबरेली             | Distribution | Scattered Places                           | Scattered Places                           | Many Places                                | Many Places                                | Many Places                                |
|                                    | Intensity    | Light to Moderate                          | Light to Moderate                          | Moderate                                   | Moderate                                   | Moderate                                   |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | GHTNING                                    | GHTNING                                    | GHTNING                                    | IGHTNING                                   | GHTNING                                    |
| RAMPUR/ रामपुर                     | Distribution | Scattered Places                           | Many Places                                | Scattered Places                           | Scattered Places                           | Isolated Places                            |
|                                    | Intensity    | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| SAHARANPUR/<br>सहारनपुर            | Distribution | Many Places                                | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           |
|                                    | Intensity    | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |



|                                      |              |  |  |  |  |  |
|--------------------------------------|--------------|--|--|--|--|--|
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| SAMBHAL/ सम्भल                       | Distribution | Scattered Places                           | Isolated Places                            | Isolated Places                            | Scattered Places                           | Scattered Places                           |
|                                      | Intensity    | Light to Moderate                          | Very Light to Light                        | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | NIL  | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| SANTKABIR<br>NAGAR/ संत<br>कबीर नगर  | Distribution | Isolated Places                            | Isolated Places                            | Many Places                                | Many Places                                | Isolated Places                            |
|                                      | Intensity    | Very Light to Light                        | Very Light to Light                        | Moderate                                   | Moderate                                   | Very Light to Light                        |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING                 | NIL  |
| SHAHJAHANPUR/<br>शाहजहाँपुर          | Distribution | Scattered Places                           | Isolated Places                            | Scattered Places                           | Scattered Places                           | Isolated Places                            |
|                                      | Intensity    | Light to Moderate                          | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 |
| SHAMLI/ शामली                        | Distribution | Many Places                                | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           |
|                                      | Intensity    | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | NIL  | NIL  | NIL  |
| SHRAWASTI/<br>श्रावस्ती              | Distribution | Isolated Places                            | Many Places                                | Scattered Places                           | Many Places                                | Isolated Places                            |
|                                      | Intensity    | Very Light to Light                        | Moderate                                   | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | NIL  | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| SIDDHARTH<br>NAGAR/ सिद्धार्थ<br>नगर | Distribution | Isolated Places                            | Scattered Places                           | Scattered Places                           | Many Places                                | Isolated Places                            |
|                                      | Intensity    | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| SITAPUR/ सीतापुर                     | Distribution | Isolated Places                            | Isolated Places                            | Scattered Places                           | Many Places                                | Isolated Places                            |
|                                      | Intensity    | Very Light to Light                        | Very Light to Light                        | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | NIL  | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| SONBHADRA/<br>सोनभद्र                | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                                      | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
|                                      | Distribution | Scattered Places                           | Scattered Places                           | Many Places                                | Many Places                                | Scattered Places                           |

|                          |              |  |                            |                            |  |                            |
|--------------------------|--------------|--|----------------------------|----------------------------|--|----------------------------|
| SULTANPUR/<br>सुल्तानपुर | Intensity    | <i>Light to Moderate</i>                   | <i>Light to Moderate</i>   | <i>Moderate</i>            | <i>Moderate</i>                            | <i>Light to Moderate</i>   |
|                          | Probability  | <i>Very Likely</i>                         | <i>Very Likely</i>         | <i>Very Likely</i>         | <i>Very Likely</i>                         | <i>Very Likely</i>         |
|                          | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | NIL                        | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING |
| UNNAO/ उन्नाव            | Distribution | <i>Scattered Places</i>                    | <i>Scattered Places</i>    | <i>Scattered Places</i>    | <i>Scattered Places</i>                    | <i>Many Places</i>         |
|                          | Intensity    | <i>Light to Moderate</i>                   | <i>Light to Moderate</i>   | <i>Light to Moderate</i>   | <i>Light to Moderate</i>                   | <i>Moderate</i>            |
|                          | Probability  | <i>Very Likely</i>                         | <i>Very Likely</i>         | <i>Very Likely</i>         | <i>Very Likely</i>                         | <i>Very Likely</i>         |
|                          | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING |
| VARANASI/<br>वाराणसी     | Distribution | <i>Many Places</i>                         | <i>Most Places</i>         | <i>Most Places</i>         | <i>Most Places</i>                         | <i>Many Places</i>         |
|                          | Intensity    | <i>Moderate</i>                            | <i>Moderate</i>            | <i>Moderate</i>            | <i>Moderate</i>                            | <i>Moderate</i>            |
|                          | Probability  | <i>Very Likely</i>                         | <i>Very Likely</i>         | <i>Very Likely</i>         | <i>Very Likely</i>                         | <i>Very Likely</i>         |
|                          | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING |



Govt. of India/भारत सरकार  
Ministry of Earth Sciences/पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department/भारत मौसम विज्ञान विभाग  
Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ



**कृषि पर प्रभाव आधारित पूर्वानुमान**

**भारी वर्षा**

| फसल            | अवस्था   | फसल पर असर पड़ने की संभावना  | सलाह  |
|----------------|--|--|---|
| गन्ना          | किल्ले निकलने की अवस्था से पत्तियों का विकास (वनस्पतिक अवस्था) | भारी बारिश के कारण जलभराव हो जाता है, जिससे फसलों का विकास रुक जाता है।  | खड़ी फसलों से अत्यधिक वर्षा के पानी को बाहर निकाल दें। सिंचाई का कार्य स्थगित रखें।   |
| खरीफ मक्का     | पत्तियों का विकास से पौधों का घुटने तक की ऊँचाई की अवस्था      | भारी वर्षा और खेत में जलभराव होने के कारण खड़ी फसलें गिर जाती है। जिससे फसलें क्षतिग्रस्त हो जाती है।                        | खड़ी फसलों से अत्यधिक वर्षा के पानी को बाहर निकाल दें। जल निकासी का उचित प्रबन्ध करें और सिंचाई का कार्य स्थगित रखें। खेतों में उचित नमी बनायें रखें।   |
| धान/चावल       | रोपाई  | भारी बारिश और खेत में जलभराव होने के कारण नर्सरी/रोपी गई फसलें क्षतिग्रस्त हो जाती है। जिससे काफी नुकसान हो जाता है।         | खड़ी फसलों से अत्यधिक वर्षा के पानी को बाहर निकाल दें। भारी वर्षा के दौरान धान की नर्सरी की रोपाई से बचें।  |
| अरहर           | बुवाई  | जल भराव के कारण खराब अंकुरण/जमाव।  | खड़ी फसलों से अत्यधिक वर्षा के पानी को बाहर निकाल दें। जल निकासी का उचित प्रबन्ध करें और भारी वर्षा के दौरान बुवाई से बचें। खेतों में नमी बनायें रखें।  |
| मूँगफली        | बुवाई  | जल भराव के कारण खराब अंकुरण/जमाव।  | खड़ी फसलों से अत्यधिक वर्षा के पानी को बाहर निकाल दें। जल निकासी का उचित प्रबन्ध करें और भारी वर्षा के दौरान बुवाई से बचें। खेतों में नमी बनायें रखें।  |
| तिल            | बुवाई  | जल भराव के कारण खराब अंकुरण/जमाव।  | खड़ी फसलों से अत्यधिक वर्षा के पानी को बाहर निकाल दें। जल निकासी का उचित प्रबन्ध करें और भारी वर्षा के दौरान बुवाई से बचें। खेतों में नमी बनायें रखें।  |
| सब्जी फसलें    | बुवाई /पत्तियों का विकास वनस्पति/पुष्पन/फलन /कटाई/तुड़ाई       | भारी बारिश और जल-भराव हो जाने के कारण फसल सड़/क्षतिग्रस्त जाती है, जिससे फसलों को काफी नुकसान हो जाता है।                    | भारी वर्षा के दौरान सिंचाई का कार्य स्थगित रखें। खड़ी फसलों से अत्यधिक वर्षा जल को बाहर निकाल दें।  |
| आम/केला/ पपीता | गड्डों की खुदाई/भरना/ रोपाई                                    | भारी बारिश और जलभराव के कारण केले और पपीते के बागों में पौधे गिरकर क्षतिग्रस्त जाते हैं, जिससे उत्पादन पर काफी असर पड़ता है। | भारी वर्षा के दौरान सिंचाई का कार्य स्थगित रखें। केला एवं पपीता के बागों से अत्यधिक वर्षा जल को बाहर निकालने का उचित प्रबन्ध निकाल दें तथा केले एवं पपीते के पौधों में स्टैंडिंग का कार्य करें। |



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**Govt. of India/भारत सरकार**  
**Ministry of Earth Sciences/पृथ्वी विज्ञान मंत्रालय**  
**India Meteorological Department/भारत मौसम विज्ञान विभाग**  
**Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ**



**भाग-II: जनपदीय /क्षेत्रीय कृषि-मौसम सलाह**

**जारी दिनांक:- 01.07.2025**

**बुलेटिन सं. 52/25**

| फसल             | फसल (अवस्था) | I) <b>नोडल अधिकारी प्रयागराज :- जिले: फ़तेहपुर, प्रतापगढ़, प्रयागराज, चित्रकूट और कौशांबी ।</b>   |
|-----------------|--------------|---|
| <b>खरीफ</b>     | चावल         | सी.ओ.-51, नरेन्द्र-80, आई.आर.-50, नरेन्द्र 97, पंत धान-12, बरनी दीप, शुष्क सम्राट, नरेन्द्र लालमती, मालवीय धान-2, मालवीय धान-917, तथा शुआट्स धान-5 जैसी उन्नत अल्पावधि धान किस्मों (110 से 125 दिन) की नर्सरी बोयें अथवा सीधी बुआई का विकल्प चुनें। पर्याप्त नमी उपलब्ध होने पर तैयार धान की पौध को प्राथमिकता के आधार पर रोपें। किसान भाई अल्पावधि धान किस्मों की सीधी बुआई ड्रम सीडर (अच्छी तरह तैयार खेत में) अथवा सीड ड्रिल (सूखी बुआई के लिए) से भी कर सकते हैं। श्री (सिस्टम ऑफ राइस इंटेसिफिकेशन) विधि से धान की रोपाई के लिए मात्र 1000 वर्ग फीट नर्सरी क्षेत्र में उगाई गई पौध 1 हेक्टेयर भूमि के लिए पर्याप्त होती है। नर्सरी बेड 4-5 इंच ऊंची होनी चाहिए। श्री के लिए नर्सरी में 6 किलोग्राम प्रति हेक्टेयर की दर से बीज बोयें। जहाँ तक संभव हो, एस.आर.आई. नर्सरी में जैविक खाद का उपयोग करें, तथा सर्वोत्तम परिणामों के लिए 8-12 दिन पुराने पौधों की रोपाई करें। मई के अंत में बोई गई नर्सरी से पौधों की रोपाई करने से पहले, धान के पौधों की जड़ों को ट्राइकोडर्मा से उपचारित करें तथा उसके बाद रोपाई करें। |
|                 | अरहर         | अरहर की देर से पकने वाली उन्नत किस्मों जैसे नरेंद्र अरहर-2, मालवीय चमत्कार, राजेंद्र अरहर-2, मालवीय विकास, पूसा-9, आजाद, नरेंद्र अरहर-1, अमर, बहार, आई.पी.ए.-206, पूसा अरहर-151, और आई.पी.ए.-15-2 को खेत की मेड़ों (मेहों पार) पर बोएं।   |
|                 | मक्का        | शीघ्र पकने वाली संकर मक्का किस्मों जैसे जेएच3459, प्रकाश, पूसा संकर मक्का-5, विवेक संकर मक्का-27, एमएमएच-113, एक्स1123 जी (3342) तथा मिश्रित किस्मों जैसे आजाद उत्तम, प्रगति, गौरव, कंचन, सूर्या तथा शुआट्स मक्का-2 की बुवाई पूरी कर लें।   |
|                 | तिल          | तिल की उन्नत किस्मों जैसे गुजरात तिल-6, आर.टी.-346, आर.टी.-351, तरुण, प्रगति, शेखर, टी-78, टी-13, टी-12, तथा टी-4 की बुवाई करें।  |
| <b>जायद फसल</b> | उड़द         | उड़द या मूंग की फसल में पीला मोजेक रोग दिखाई देते ही प्रभावित पौधों को सावधानीपूर्वक उखाड़कर नष्ट कर दें (जलाकर या जमीन में गाड़कर)। यदि प्रति पौधे 5 से 10 सफेद मक्खियाँ दिखाई दें तो फसल पर ऑक्सीडेमेटन-मिथाइल 25% ई.सी. या इमिडाक्लोप्रिड 0.5 ग्राम प्रति लीटर या डाइमेटोएट 30 ई.सी. 1 लीटर प्रति हेक्टेयर की दर से 600-800 लीटर पानी में मिलाकर साफ मौसम में छिड़काव करें।  |
| <b>गन्ना</b>    | सामान्य      | गन्ने को गिरने से बचाने तथा अवांछित टहनियों (टिलर्स) की वृद्धि को रोकने के लिए यदि गन्ने की जड़ों के चारों ओर मिट्टी नहीं चढ़ाई गई है, तो अनुकूल मौसम की स्थिति बनते ही मिट्टी चढ़ाई जाए।   |
| <b>मूंगफली</b>  | सामान्य      | आगामी दिनों में वर्षा की संभावना को देखते हुए सिंचाई कार्य स्थगित रखें। पहली सिंचाई पूर्ण अंकुरण के बाद करें तथा बुवाई के 15 से 20 दिन बाद मौसम साफ रहने पर निराई-गुड़ाई करें। मूंगफली की फसल में सल्फर व बोरोन की कमी होने पर 0.5% जिंक सल्फेट व 0.3% बोरेक्स के घोल का छिड़काव करें।  |
| <b>सब्जियाँ</b> | फूलगोभी      | फूलगोभी की अगेती किस्मों जैसे अली कुवारी, पूसा अली सिंथेटिक, पंत गोभी-3, पूसा दीपाली आदि के लिए 500 से 600 ग्राम बीज प्रति हेक्टेयर की दर से नर्सरी तैयार करें।   |
| <b>फल</b>       | आम           | आम और अमरूद को फल मक्खियों से बचाने के लिए, शाखाओं पर 6 से 8 फीट की ऊंचाई पर मिथाइल यूजेनॉल और क्यूल्योर ट्रेप लटकाएं, प्रति हेक्टेयर 8-10 ट्रेप का उपयोग करें। इसके अतिरिक्त, 10-15 दिन के अंतराल पर पानी में 5% नीम अर्क का घोल मिलाकर स्प्रे करें। प्रभावशीलता बनाए रखने के लिए हर 20-25 दिन में ल्यूरो को बदलना चाहिए।  |
|                 | केला         | फलों के बाग लगाने के लिए मई माह में खोदे गए गड्ढों को भरने के लिए मिट्टी के ऊपरी आधे भाग में सड़ी हुई गोबर की खाद मिला दें तथा उसे जमीन की सतह से 15 से 20 सेंटीमीटर ऊपर तक भर दें।   |
| <b>गाय</b>      | भैंस         | राष्ट्रीय पशु रोग नियंत्रण कार्यक्रम के अंतर्गत प्रत्येक जिले में सभी पशु चिकित्सालयों के माध्यम से टीकाकरण कार्यकर्ताओं द्वारा रक्तस्रावी सेप्टीसीमिया (गलाघोटू रोग) के विरुद्ध निःशुल्क टीकाकरण किया जा रहा है। किसान एवं पशुपालक अपने जिले के मुख्य पशु चिकित्सा अधिकारी अथवा निकटतम पशु चिकित्सा अधिकारी से सम्पर्क कर इस सेवा का लाभ उठा सकते हैं।   |



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| फसल       | फसल (अवस्था)               | 1) नोडल अधिकारी बहराईच- जिले बहराईच, श्रावस्ती, बलरामपुर, गोंडा, कुशीनगर, सिद्धार्थनगर और महाराजगंज।   |
|-----------|----------------------------|--|
| जायद      | उड़द / मूंग                | मूंग और उड़द में कीटों और बीमारियों की नियमित निगरानी करें। पीला मोजेक वायरस इन फसलों में एक विनाशकारी बीमारी है जो सफेद मक्खी (चूसने वाला कीट) द्वारा फैलता है। इसके शुरुआती लक्षण पत्तियों पर पीले धब्बों के रूप में दिखाई देते हैं, बाद में पत्तियां और फलियाँ पूरी तरह से पीली हो जाती हैं। इन पत्तियों पर ऊतक क्षय भी देखा जाता है। फल लगने पर बहुत अधिक प्रभाव पड़ता है। उपचार के लिए रोगग्रस्त पौधों को शुरू में ही उखाड़कर नष्ट कर दें और इमिडाक्लोप्रिड 17.8 SL/0.3 मिली प्रति लीटर पानी के घोल का छिड़काव करें।  |
| खरीफ      | चावल (नर्सरी/ पौधा)        | जिन किसानों के पास धान की पौध तैयार हैं, उन्हें बारिश का लाभ उठाते हुए कम और मध्यम मिट्टी में रोपाई करनी चाहिए। जिन क्षेत्रों में वर्षा कम होती है और सिंचाई सुविधा उपलब्ध है, वहां के किसानों को धान की रोपाई करते समय हमेशा मिट्टी परीक्षण के आधार पर उर्वरकों का प्रयोग करना चाहिए। यदि मिट्टी परीक्षण नहीं कराया गया है तो मध्यम और लंबी अवधि वाली किस्मों के लिए 30 किलोग्राम नाइट्रोजन, 60 किलोग्राम फास्फोरस और 30 किलोग्राम पोटाश के साथ 25 किलोग्राम जिंक सल्फेट या 15 किलोग्राम चिलेटेड जिंक प्रति हेक्टेयर का प्रयोग करें।                                  |
|           | अरहर (बुवाई)               | अरहर की बुवाई के लिए ऊँची भूमि तैयार करें। ऊँची भूमि में बुवाई के समय 20 किलोग्राम नाइट्रोजन, 45 किलोग्राम फास्फोरस, 20 किलोग्राम पोटाश तथा 20 किलोग्राम सल्फर प्रति हेक्टेयर प्रयोग करें। बुवाई के लिए पूसा 9, नरेन्द्र अरहर 1, मालवीय-13, राजेन्द्र अरहर-1 आदि किस्में अनुशंसित हैं। बीज की मात्रा 18-20 किलोग्राम प्रति हेक्टेयर रखें। बुवाई से 24 घंटे पहले बीजों को 2.5 ग्राम थीरम दवा प्रति किलोग्राम बीज की दर से उपचारित करें। बुवाई से ठीक पहले उपचारित बीजों को उचित राइजोबियम कल्चर से उपचारित करके बुवाई करनी चाहिए।                                       |
|           | धान (नर्सरी बेड की तैयारी) | किसान भाइयों को सलाह है कि वे धान की नर्सरी लगाने का काम शुरू कर दें। लंबी अवधि वाले धान की नर्सरी की जुताई के लिए 10 जून उपयुक्त समय है। मध्यम अवधि वाले धान की नर्सरी की बुवाई के लिए 10 से 25 जून अनुकूल समय है। जो किसान भाई धान की सीधी बुवाई करना चाहते हैं, वे लंबी अवधि वाले धान की किस्म की बुवाई अगले सप्ताह कर सकते हैं, इसके लिए सिंचाई की उचित व्यवस्था होनी चाहिए। कम अवधि वाले धान की किस्म और सुगंधित धान की किस्म की नर्सरी 20 जून से 10 जुलाई तक बोने की सलाह दी जाती है। सुगंधित किस्म की किस्में नर्सरी की पहली बूंद से ही अपनी सुगंध खो देती हैं। |
| गन्ना     | सामान्य                    | इस समय गन्ने की फसल में टॉप शूट बोरेर रोग का खतरा है। यह रोग उपज को 2 से 22.5% तक कम कर सकता है, और गंभीर मामलों में, 80% तक। यह चीनी की मात्रा को 11.8 से 65% तक कम कर सकता है, जिससे किसानों और चीनी मिलों को काफी आर्थिक नुकसान हो सकता है। संक्रमित पौधों में ऊपरी पत्तियों का मुड़ना और झुकना, बढ़ते बिंदु का सड़ना और विकास में रुकावट दिखाई देती है। यदि लक्षण दिखाई दें, तो कार्बेन्डाजिम 0.1% (1 ग्राम प्रति लीटर पानी) का घोल 15-दिन के अंतराल पर तीन बार छिड़कें।   |
| सब्जी     | भिंडी (फल निर्माण)         | साफ मौसम में भिंडी और लौकी जैसी फलदार सब्जियों में नाइट्रोजन की टॉप ड्रेसिंग करें। कीट नियंत्रण के लिए, फलों की कटाई के बाद 7-10 दिनों के अंतराल पर दो बार 2 मिली लीटर प्रति लीटर पानी की दर से मैलाथियान का छिड़काव करें। बेल वाली फसलों में, अगर पाउडरी फफूंद दिखाई दे, तो केराथेन 1.5 ग्राम प्रति लीटर पानी की दर से डालें या 25 किलोग्राम सल्फर पाउडर प्रति हेक्टेयर छिड़कें।  |
|           | बैंगन                      | टमाटर, बैंगन की फसलों में पक्षियों के बसेरा लगाने की सलाह दी जाती है, ताकि फल छेदक कीट को नियंत्रित किया जा सके। क्षतिग्रस्त फलों को हाथ से तोड़कर दफनाने की सलाह दी जाती है। फल छेदक कीट की निगरानी के लिए प्रति एकड़ फसल क्षेत्र में 2-3 ट्रेप फेरोमोन ट्रेप लगाने की सलाह दी जाती है। यदि कीट की आबादी अधिक है, तो बीटी 1.0 ग्राम/लीटर पानी का छिड़काव करने की सलाह दी जाती है। 15 दिनों के बाद, यदि कीट की आबादी ईटीएल से अधिक है, तो किसानों को सुबह या शाम के समय स्पिनोसैड 48 ईसी @ 1 मिली / 4 लीटर पानी का छिड़काव करने की सलाह दी जाती है।                    |
| भैंस/ गाय | गाय                        | पशुओं में रोग एवं मुख रोग (एफएमडी) का टीका अवश्य लगवाएं। यह टीका पशुपालन विभाग द्वारा किसानों के घर-घर जाकर निशुल्क लगाया जा रहा है।   |



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| फसल   | फसल (अवस्था)              | 1) नोडल अधिकारी भरारी :- जिले जालौन, झाँसी, ललितपुर, महोबा, बांदा और हमीरपुर।   |
|-------|---------------------------|---|
| खरीफ  | चावल (नर्सरी/पौधा)        | यह नर्सरी में धान की बुवाई के लिए उपयुक्त समय है, किसानों को सलाह दी जाती है कि वे उपयुक्त उच्च उपज वाली फसलों की किस्मों का उपयोग करें।  |
|       | तिल (बुवाई)               | किसानों को सलाह दी जाती है कि वे इस महीने के अंत में पर्याप्त नमी की स्थिति में तिल, अरहर की फसल की बुवाई शुरू कर दें।  |
|       | बार्नियार्ड बाजरा (बुवाई) | किसानों को सलाह दी जाती है कि बाजरे की बुवाई मानसून-पूर्व बारिश के बाद पर्याप्त नमी की स्थिति में शुरू कर देनी चाहिए।   |
| जायद  | उड़द / मूंग (कटाई)        | जायद मौसम की मूंग और उड़द की फसल की कटाई यथाशीघ्र कर लेनी चाहिए एवं कटी फसल को सुरक्षित स्थान पर रखें।  |
| सब्जी | बैंगन (फल परिपक्वता)      | खड़ी फसल से पके फल तोड़ें। फल छेदक और सफेद मक्खी कीट के खिलाफ 2% नीम तेल के घोल का छिड़काव करें।  |
|       | भिंडी                     | गर्मी के मौसम की सब्जियों में फल छेदक कीट के नियंत्रण के लिए 3-4 फेरोमोन टैप प्रति एकड़ की दर से इस्तेमाल करना चाहिए। सब्जी फसलों में रोयेदार इल्लियों, एफिड्स और बीटल जैसे कीटों के नियंत्रण के लिए नीम आधारित एजेडायरेक्टिन जैव कीटनाशक 5-7 मिली प्रति लीटर पानी या नीम गिरी के घोल का 4% (नीम गिरी के चूर्ण का 40 ग्राम चूर्ण 1 लीटर पानी में) 10 दिन के अंतराल पर छिड़काव करना चाहिए।   |
|       | लौकी                      | गर्मी के मौसम की सब्जियों जैसे लौकी, कद्दू, टमाटर, बैंगन, मिर्च, खीरा, तरबूज, खरबूजा आदि की बुआई जल्द से जल्द पूरी कर लेनी चाहिए। गर्मी के मौसम की सब्जियों में फल छेदक कीट के नियंत्रण के लिए 3-4 फेरोमोन टैप का इस्तेमाल प्रति एकड़ की दर से करना चाहिए। सब्जी की फसलों में रोयेदार इल्लियों, एफिड्स और बीटल जैसे कीटों के नियंत्रण के लिए नीम आधारित एजेडायरेक्टिन जैव कीटनाशक का 5-7 मिली प्रति लीटर पानी या नीम गिरी के घोल का 4% (नीम गिरी के चूर्ण का 40 ग्राम चूर्ण प्रति लीटर पानी) का 10 दिन के अंतराल पर छिड़काव करना चाहिए। |
| फल    | नींबू (फल परिपक्वता)      | नींबू के पेड़ों में सूक्ष्म तत्वों का छिड़काव करना चाहिए। नींबू के फलों को फटने से बचाने के लिए 100 मिलीग्राम जिबरेलिक एसिड प्रति 10 लीटर पानी में डालना चाहिए। नींबू के पेड़ों में तितली को रोकने के लिए 50% कार्बेरिल पाउडर का छिड़काव करना चाहिए।  |
|       | आंवला (रोपण)              | यह आम, अमरूद, लीची, आंवला, कटहल, नींबू, जामुन, बेर, केला, पपीता आदि के नए बाग लगाने के लिए उपयुक्त समय है।  |
|       | आम (फल निर्माण)           | आम के फलों को झड़ने से रोकने के लिए नेफथलीन एसिटिक एसिड (NAA) 20 पीपीएम प्रति लीटर पानी में घोलकर छिड़काव किया जाता है। इस महीने में फलों के बागों में सिंचाई अवश्य करें। इससे उत्पादन में वृद्धि होती है।  |
| गाय   | गाय                       | मौसम पूर्वानुमान के अनुसार, किसानों को सलाह दी जाती है कि पशुओं में प्रसूति ज्वर से बचाव तथा रोग प्रतिरोधक क्षमता बढ़ाने के लिए प्रतिदिन 50-60 ग्राम खनिज मिश्रण का प्रयोग करना चाहिए। प्रत्येक पशु के 2 लीटर दूध उत्पादन के लिए 1 किलो चारा + 50 ग्राम खनिज मिश्रण नियमित रूप से खिलाना चाहिए। पशुओं को प्रतिदिन 50-60 ग्राम नमक पानी में मिलाकर खिलाना चाहिए।   |



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**जारी दिनांक:- 01.07.2025**

**बुलेटिन सं. 52/25**

| फसल      | फसल (अवस्था)              | <b>नोटल अधिकारी अयोध्या:- जिले बाराबंकी, सुल्तानपुर, अमेठी, अयोध्या, बस्ती, रायबरेली, अंबेडकरनगर, संत कबीरनगर, गोरखपुर, देवरिया और बलिया।</b>  |
|----------|---------------------------|--|
| जायद     | उड़द                      | मूंग/उड़द में थ्रिप्स पर नज़र रखें। नियंत्रण के लिए पहली सिंचाई से पहले सुरक्षात्मक जैविक कीटनाशक नीम ऑयल 0.15% EC का प्रयोग करें। इस मिश्रण की 2.5 लीटर मात्रा को 200 से 300 लीटर पानी में घोलकर छिड़काव करें।  |
|          | मूंगफली                   | आगामी दिनों में वर्षा को देखते हुए सिंचाई स्थगित करें। ग्रीष्मकालीन मूंगफली की बुवाई के बाद पहली सिंचाई एवं निराई-गुड़ाई बुवाई के 15 से 20 दिन बाद साफ मौसम में करें।  |
|          | मूंग                      | उड़द/मूंग की फसल में पीला मोजेक रोग दिखाई देते ही प्रभावित पौधों को सावधानीपूर्वक उखाड़कर नष्ट कर दें (जला दें/दफन कर दें) प्रति आड़ु 5 से 10 वयस्क मक्खियां (सफेद मक्खियां) दिखाई देने पर ऑक्सीडेमेटोन-मिथाइल 25% ई.सी. या इमिडाक्लोप्रिड 0.5 ग्राम प्रति लीटर या डायमेटोएट 30 ई.सी. 1 लीटर प्रति हेक्टेयर को 600-800 लीटर पानी में मिलाकर साफ मौसम में छिड़काव करें। |
| खरीफ     | धान (बुवाई)               | धान की सीधी बुआई के लिए खेत तैयार करें। सुगंधित धान के लिए पूसा नरेंद्र काला नमक-1, पूसा सीआरडी काला नमक-2, पूसा-1637, एचयूआर-1309, कस्तूरी, मालवीय सुगंध धान-1, एचयूआर-1304 और नरेंद्र लालमती धान के बीज का उपयोग करें।   |
| गन्ना    | बढ़ाव                     | आवश्यकतानुसार गन्ने में सिंचाई कर नमी बनाए रखें तथा खरपतवार नियंत्रण हेतु निराई-गुड़ाई करें। शरदकालीन गन्ने में यदि पर्याप्त अंकुर हैं तो उसे मिट्टी से ढक दें, ताकि अवांछित अंकुर न निकल सकें। बसंतकालीन गन्ने में सिंचाई के पश्चात 50 किग्रा यूरिया प्रति एकड़ की दर से टाप ड्रेसिंग करें तथा निराई-गुड़ाई करें।   |
| सब्जी    | मिर्च                     | मिर्च में पत्ती मरोड़ एवं मोजेक वायरस की रोकथाम के लिए इमिडाक्लोप्रिड 30.5% एससी की 1.0 मिली मात्रा को एक लीटर पानी में घोलकर 10-12 दिन के अंतराल पर छिड़काव करें तथा रोगग्रस्त पौधों को उखाड़कर जला दें या मिट्टी में दबा दें।  |
|          | भिंडी (फल निर्माण)        | भिंडी में पीला शिरा मोजेक कीट की रोकथाम के लिए प्रभावित पौधों को उखाड़कर जला दें या मिट्टी में दबा दें तथा प्रति हेक्टेयर 8 से 10 नीले चिपचिपे ट्रैप लगाएं। इसके रासायनिक उपचार के लिए इमिडाक्लोप्रिड 30.5 प्रतिशत एससी की 1.0 मिली मात्रा को एक लीटर पानी में घोलकर छिड़काव करें।   |
|          | कद्दू वर्गीय (फल निर्माण) | कद्दूवर्गीय फसलों में यदि हरे हॉपर कीट प्रति टीले 10 की संख्या में दिखाई दें तो फल तोड़ने के बाद फसल पर इमिडाक्लोप्रिड 30.5% एससी की 1.0 मिली मात्रा का छिड़काव करें, जबकि तना व फल छेदक कीटों के नियंत्रण के लिए पालुबेन्डीमाइड 39.35% एससी की 1.0 मिली मात्रा को एक लीटर पानी में घोलकर छिड़काव करें।  |
|          | लौकी                      | वर्तमान तापमान फ्रेंच बीन, सब्जी लोबिया, ऐमरैथस, भिंडी, लौकी, खीरा, तुरई, स्पंज लौकी और ग्रीष्मकालीन मूली के अंकुरण के लिए उपयुक्त है। बीज की खरीद प्रमाणित स्रोत से की जानी चाहिए। किसानों को सलाह दी जाती है कि वे इष्टतम अंकुरण के लिए बुवाई से पहले उचित नमी सुनिश्चित करें।   |
|          | हल्दी                     | हल्दी के बीज की बुवाई जून माह में पूरी कर लें।   |
| फल       | अमरूद (फल आरंभ)           | अमरूद को फल मक्खियों से बचाने के लिए प्रति हेक्टेयर मिथाइल यूजेनॉल युक्त 8-10 कुलुरे ट्रैप लगाएं और 10-15 दिनों के अंतराल पर 50 मिली लीटर प्रति लीटर पानी में नीम का अर्क छिड़कें।   |
|          | आम                        | चालू मौसम में आम के फलों में आंतरिक ऊतक क्षय की रोकथाम के लिए प्रथम घटक बोरेक्स 6-8 ग्राम/लीटर पानी का घोल बनाकर छिड़काव करें। आम के बागों में निश्चित अंतराल पर सिंचाई कर नमी बनाए रखें।  |
| भैंस/गाय | गाय                       | पशुओं को हरा और सूखा चारा के साथ पर्याप्त मात्रा में दाना दें। पशुओं को दिन में 3-4 बार ताजा और ताज़ा पानी अवश्य पिलाएं। पशुओं को साफ जगह पर रखें। पशुओं को मुरझाया हुआ हरा चारा (खासकर ज्वार) न खिलाएं क्योंकि इसमें HCN (जहरीला तत्व) की अधिकता हो सकती है जिससे वे बीमार हो सकते हैं।   |



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**जारी दिनांक:- 01.07.2025**

**बुलेटिन सं. 52/25**

| फसल              | फसल (अवस्था)    | 1) <b>नोडल अधिकारी कानपुर :-</b> जिले कन्नौज, हाथरस, मथुरा, आगरा, एटा, मैनपुरी, फिरोजाबाद, इटावा, औरैया, कानपुर देहात, कानपुर शहर, उन्नाव, लखनऊ, हरदोई, लखीमपुर-खीरी, काशीराम नगर, सीतापुर।  |
|------------------|-----------------|--|
| <b>खरीफ</b>      | मक्का (बुवाई)   | अतिरिक्त वर्षा जल की निकासी की उचित व्यवस्था करें। वर्षा न होने की स्थिति में बुवाई कर दें। समय पर बोई गई मक्का की फसल में पहली निराई 15-20 दिन बाद कर दें। खरीफ मक्का की अनुशंसित संकर किस्में- डी-7074, डी-9144, एम-2525, गंगा, आजाद शेखर मक्का-1, आजाद शेखर मक्का-2, आजाद उत्तम एवं आजाद कमल आदि की बुवाई करें।   |
|                  | चावल (रोपण)     | धान की नर्सरी से अतिरिक्त वर्षा के पानी की निकासी का समुचित प्रबंध करें। अधिक वर्षा होने की स्थिति में रोपाई का कार्य स्थगित कर दें। धान की पौध रोपाई हेतु खेत तैयार कर 22-25 दिन पुराने धान के पौधे रोपें। धान की पौध रोपाई हेतु खेतों की मेड़ों को मजबूत करें। ताकि वर्षा का पानी खेतों में बना रहे। धान की फसल में चौड़ी एवं संकररी पत्ती वाले खरपतवारों के नियंत्रण हेतु रोपाई के 2-3 दिन के अन्दर अनिलोफॉस 30% ई.सी. का प्रयोग करें। अथवा प्रिटलक्लो 1.25 ली./हेक्टेयर की दर से 500 -600 ली. पानी में घोल बनाकर 2-3 इंच पानी में छिड़काव करें। यदि धान में खैरा रोग दिखाई दे तो इसके नियंत्रण हेतु 20-25 किग्रा. जिंक सल्फेट एवं 2.5 किग्रा. चूना को 800 ली. पानी में घोलकर छिड़काव करें। |
|                  | तिल (बुवाई)     | बारिश की संभावना को देखते हुए किसानों को बुवाई स्थगित कर देनी चाहिए। तिल की फसल की अनुशंसित किस्में - टाइप-4, 12, 13, टाइप-78, शेखर, प्रगति, तरुण, आरटी-351 और आरटी-346 आदि में से किसी एक की बुवाई आसमान साफ होने पर करनी चाहिए।  |
|                  | मूंगफली (बुवाई) | बारिश की संभावना को देखते हुए किसान बुवाई स्थगित कर दें। खरीफ मूंगफली की अनुशंसित संकर किस्में - चित्रा, कौशल, प्रकाश, अम्बर, उत्कर्ष, दिव्या, कौशल-गुच्छेदार किस्म - चन्द्रा, टीए-28, 64 एम-13 आदि की बुवाई करें तथा मूंगफली की बुवाई के लिए आसमान साफ होने पर 70-80 किग्रा/हेक्टेयर की दर से बुवाई करें।   |
| <b>गन्ना</b>     | वानस्पतिक       | वर्षा की संभावना को देखते हुए सिंचाई कार्य स्थगित रखें। शीर्ष छेदक कीट के नियंत्रण हेतु प्रभावित युवा पौधे को जमीन से काटकर नष्ट कर दें। यदि अधिक प्रकोप दिखे तो इसके नियंत्रण हेतु क्लोरएन्टानीलीप्रोल 18.5 एस.सी. की 150-200 मिली मात्रा का छिड़काव करें। कीटनाशक को 400-500 लीटर पानी में घोलकर प्रति एकड़ छिड़काव करें तथा सिंचाई करें।  |
| <b>सब्जी</b>     | फूलगोभी         | खरीफ में बोई जाने वाली सब्जियों जैसे बैंगन, मिर्च, अगेती फूलगोभी की नर्सरी तथा भिण्डी, लोबिया, कद्दू, लौकी, तोरई, करेला, खीरा आदि की बुवाई के लिए यह उपयुक्त समय है। सब्जी फसलों में तना/फल/पत्ती छेदक कीटों के नियंत्रण हेतु नीम तेल 1.5-2.0 मिली लीटर प्रति लीटर पानी में मिलाकर 8-10 दिन के अंतराल पर 3-4 बार छिड़काव करें। कद्दूवर्गीय फसलों में हरा फुदका तथा सफेद मक्खी कीटों के नियंत्रण हेतु इमिडाक्लोप्रिड 30.5 प्रतिशत की 1.0 मिली लीटर मात्रा को एक लीटर पानी में घोलकर छिड़काव करें तथा फल मक्खी से बचाव हेतु क्यू ल्योर फेरोमोन ट्रेप का 8-10 ट्रेप प्रति हेक्टेयर की दर से प्रयोग करें।  |
| <b>बागवानी</b>   | आम (रोपण)       | फलों के बाग लगाने के लिए मई माह में खोदे गए गड्डों को मिट्टी के ऊपरी आधे भाग में सड़ी हुई गोबर की खाद मिलाकर जमीन से 15 से 20 सेमी ऊपर तक भर दें। आम व अमरूद को फल मक्खियों से बचाने के लिए मिथाइल यूजेनॉल व क्यू ल्योर ट्रेप का प्रयोग कर प्रति हेक्टेयर 8-10 ट्रेप 6 से 8 फीट की ऊंचाई पर शाखाओं से बांधकर लटकाएं। 5% नीम अर्क को एक लीटर पानी में घोलकर 10 से 15 दिन के अंतराल पर छिड़काव करें। ल्योर को 20-25 दिन के अंतराल पर बदलें।  |
| <b>गाय / भैस</b> | भैंस            | किसानों को सलाह दी जाती है कि बाहरी परजीवियों से बचाव के लिए पशुशाला में चूने का छिड़काव करें। बारिश के दौरान पशुओं को खुले स्थान/पेड़ों के नीचे न बांधें। रात में आसमान साफ होने पर ही पशुओं को खुले में बांधें। दिन में पशुओं को छायादार स्थान पर बांधें। खुरपका-मुंहपका रोग से बचाव के लिए पशुओं को एफएमडी का टीका तथा डेंगू बुखार से बचाव के लिए वीक्यू का टीका लगवाएं। पशुओं को हरा व सूखा चारा के साथ पर्याप्त मात्रा में अनाज दें। पशुओं को दिन में 3-4 बार साफ व ताजा पानी अवश्य पिलाएं। गर्भवती पशुओं को ढलान वाली जगह पर न बांधें। पशुओं को पेट के कीड़ों से बचाव के लिए कृमिनाशक दवा देने का यह सही समय है।   |



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**India Meteorological Department/भारत मौसम विज्ञान विभाग**  
**Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ**



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| फसल      | फसल (अवस्था)       | II) <b>नोडल अधिकारी मोदीपुरम:-</b> जिले मेरठ, पीलीभीत, सहारनपुर, मुजफ्फरनगर, बागपत, गाजियाबाद, गौतमबुद्धनगर, अलीगढ़, बुलंदशहर, मुरादाबाद, ज्योतिबाफुलेनगर, बिजनौर, बदायूं, बरेली, रामपुर, शाहजहांपुर, फर्रुखाबाद, शामली, सम्भल और हापुड़।   |
| खरीफ     | धान                | बासमती चावल की नर्सरी के लिए प्रमुख किस्मों जैसे पूसा बासमती 1509, 1602, 1847, 1885, 1121, 1718 की व्यवस्था करें। धान की देर से पकने वाली प्रजातियों की नर्सरी इस सप्ताह में बोई जा सकती है। पौधे तैयार करने के लिए 1.25 मीटर चौड़ी और 8 मीटर लंबी क्यारियां बना सकते हैं। तथा 225 ग्राम यूरिया और 500 ग्राम सिंगल सुपर फास्फेट और 500 ग्राम जिंक सल्फेट प्रति क्यारी (10 वर्ग मीटर) का प्रयोग करें। तथा प्रति किलोग्राम बीज को 4 ग्राम ट्राइकोडर्मा या 3 ग्राम थीरम या 2 ग्राम कार्बेन्डाजिम से उपचारित करना आवश्यक है। धान की बारीक किस्मों के लिए 30 किलोग्राम प्रति हेक्टेयर बीज दर, मध्यम से मोटे धान के लिए 40 किलोग्राम बीज पर्याप्त होगा।   |
|          | अरहर               | अरहर की फसल में पानी की निकासी की उचित व्यवस्था करें।   |
| जायद     | मक्का              | जायद मक्का की फसल को 5-6 सिंचाई की आवश्यकता होती है, अतः आवश्यकतानुसार 10-12 दिन के अंतराल पर सिंचाई करें तथा खरपतवार नियंत्रण के लिए निराई-गुड़ाई करें।  |
|          | उड़द               | उड़द की दाल की फलियों पर चिप्स की नज़र रखें। नियंत्रण के लिए पहली सिंचाई से पहले सुरक्षात्मक जैविक कीटनाशक नीम तेल का छिड़काव करें।   |
|          | चारा मक्का         | गर्मियों में चारा उपलब्ध कराने के लिए मक्का लोबिया तथा चारा ज्वार की कुछ विशेष किस्मों की बुवाई के लिए यह अच्छा समय है। मक्का तथा लोबिया दोनों को मिलाकर बोना अच्छा रहता है। हरे चारे के लिए मक्का की गंगा-2, विजय तथा अफ्रीकी टॉल एवं रूसी संयुक्त किस्म, लोबिया, यूपी.सी.-5286 प्रजाति।   |
| गन्ना    | सामान्य            | शीर्ष छेदक से प्रभावित खेतों से अंडों से प्रभावित पत्तियों को तोड़कर नष्ट कर दें तथा प्ररोह छेदक से प्रभावित पौधों को भी हटा दें। गन्ने को अगेती प्ररोह छेदक तथा शीर्ष छेदक कीटों से बचाने के लिए फेरोमोन ट्रैप, प्रकाश ट्रैप तथा ट्रिपो कार्ड का प्रयोग करें। इस समय गन्ने का पौधा काला कीट तथा आर्मी वर्म के कारण पीला दिखाई देता है, जो गन्ने की प्ररोह में उपस्थित कीट द्वारा फसल का रस चूसने तथा पत्तियों को खाने से होता है। अतः इसकी रोकथाम के लिए प्रभावित फसल पर (साइपरमेथिलीन 4% + प्रोपेनोफास 40%) कीटनाशक 400 मिली/एकड़ एनपीके के साथ छिड़काव करें। गन्ने के खेत में समय-समय पर अंतर-संस्कृति क्रिया करें। शीर्ष छेदक के लिए क्लोरेटानिलप्रोल 18.5% 150 मिली/400 लीटर पानी प्रति एकड़ या कार्बोफ्यूरेन 3जी 12 किग्रा/एकड़ का छिड़काव करें। पोक्का बोईंग और स्मट के लिए एहतियाती उपाय प्रभावित फसल पर 500 ग्राम कॉपरऑक्सीक्लोराइड @ .2% + को 250 लीटर पानी में घोलकर छिड़काव करें या प्रति एकड़ 500 ग्राम थायोफेनेट मिथाइल को 250 लीटर पानी में घोलकर छिड़काव करें। गंभीर बीमारी की स्थिति में 15-20 दिनों के अंतराल पर दोबारा छिड़काव करें। |
| सब्जी    | बैंगन (फल निर्माण) | बैंगन/मिर्च: खड़ी फसल से पके फल तोड़ें। फल छेदक और सफेद मक्खी कीट के नियंत्रण के लिए 2% नीम तेल के घोल का छिड़काव करें।   |
|          | लौकी               | लौकी की सब्जियों में मचान बनाना। सभी सब्जियों में उचित जल निकासी की व्यवस्था करें।  |
|          | भिंडी              | बरसाती भिंडी की बुआई के लिए यह समय उपयुक्त है। भिंडी की प्रमुख प्रजातियां हैं, पूसा भिंडी-5, काशी लालिमा, काशी वरदान, काशी चमन, उत्कल गौरव आदि। एक हेक्टेयर क्षेत्र के लिए 60x30 मीटर के लिए 8 से 10 किलोग्राम बीज प्राप्त होता है। भिंडी की फसल में बुआई के समय 40 किलोग्राम नाइट्रोजन, 50 किलोग्राम फास्फोरस, 50 किलोग्राम पोटाश का प्रयोग करें।  |
|          | कद्दू              | फल मक्खी से बचाने के लिए, प्रति हेक्टेयर 8-10 जाल की दर से मिथाइल यूजेनॉल Cu-lure फेरोमोन जाल स्थापित करें। हरे जैसिड और सफेद मक्खी के नियंत्रण के लिए, इमिडाक्लोप्रिड 30.5% एससी @ 1.0 मिली प्रति लीटर पानी का छिड़काव करें। स्टेम और फल बorer के लिए, फ्लूबेन्डियामाइड 39.35% एससी @ 1.0 मिली प्रति लीटर पानी का छिड़काव करें। इसके अलावा, फल मक्खियों को प्रभावी ढंग से प्रबंधित करने के लिए Cu-lure फेरोमोन जाल (8-10 प्रति हेक्टेयर) स्थापित करें।   |
| फल       | आम                 | आम के फलों को गिरने से बचाने के लिए पेड़ पर 2 प्रतिशत यूरिया के घोल का छिड़काव करें। मिलीबग नई कलियों, फूलों, फलों का रस चूसकर बहुत नुकसान पहुंचाते हैं। नियंत्रण के लिए 700 मिली मिथाइल पैराथियान 70 बीसी को 700 लीटर पानी में मिलाकर छिड़कें तथा पेड़ों पर गिरे या चढ़ रहे कीटों को इकट्ठा करके जला दें, घास को साफ रखें।   |
| भैंस/गाय | भैंस               | पशुओं को पर्याप्त मात्रा में स्वच्छ पानी उपलब्ध कराएं। पशुओं को दूध दुहने से पहले सुबह और शाम नहलाएं ताकि पशुओं के दूध उत्पादन पर प्रतिकूल प्रभाव न पड़े। पशुओं को लू से बचाने के लिए शेड के चारों ओर जूट के बोरे या बोरी बांधकर पानी का छिड़काव करना चाहिए।  |



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| फसल       | फसल (अवस्था)             | 1) नोडल अधिकारी वाराणसी :- जिले वाराणसी, आजमगढ़, गाजीपुर, चंदौली, सोनभद्र, मिर्जापुर, संतरविदासनगर, जौनपुर और मऊ।  |
|-----------|--------------------------|--|
| चावल      | नर्सरी                   | मौसम पूर्वानुमान के अनुसार आने वाले दिनों में बादल छाए रहने तथा हल्की से मध्यम बारिश होने की संभावना है। इसलिए खेत में पानी की उचित व्यवस्था करें तथा रोपाई कर दें।  |
| मूंग      | फूल आना, फल लगना, तुड़ाई | मौसम पूर्वानुमान के अनुसार, आने वाले दिनों में बादल छाए रहने की संभावना है और हल्की से मध्यम बारिश हो सकती है। इसलिए, फलों की तुड़ाई करें और हरी पत्तियों और डंठलों का उपयोग हरी खाद या हरे चारे के रूप में करें।  |
|           | फूल आना, फल लगना, तुड़ाई | मौसम पूर्वानुमान के अनुसार, बादल छाए रहने की संभावना है तथा हल्की से मध्यम बारिश हो सकती है। इसलिए, अनुशंसित उच्च उपज देने वाली किस्मों के प्रमाणित बीज की खरीद करें तथा राइजोबियम और पीएसबी कल्चर से उपचार करके बुवाई करें। भारी वर्षा की स्थिति में अतिरिक्त वर्षा जल को निकालने के लिए रिज और फ़रो प्लानिंग लाभदायक है। |
| आम        | कटाई                     | मौसम पूर्वानुमान के अनुसार आने वाले दिनों में बादल छाए रहने की संभावना है तथा हल्की से मध्यम बारिश हो सकती है। कटी हुई फसल को सुरक्षित स्थान पर रखें।  |
| गन्ना     | वानस्पतिक                | मौसम पूर्वानुमान के अनुसार, आने वाले दिनों में बादल छाए रहने की संभावना है और हल्की से मध्यम बारिश हो सकती है। दिन के समय हवा की गति सामान्य से अधिक रहेगी। इसलिए, आवश्यकतानुसार अंतर-सांस्कृतिक संचालन और खरपतवार प्रबंधन करें।   |
| सब्जी     | लौकी (कटाई)              | मौसम पूर्वानुमान के अनुसार, आने वाले दिनों में बादल छाए रहने की संभावना है और हल्की से मध्यम बारिश हो सकती है। दिन के समय हवा की गति सामान्य से अधिक रहेगी। इसलिए फलों को तोड़कर बेचने के लिए बाजार में भेज दें।   |
|           | भिंडी                    | मौसम पूर्वानुमान के अनुसार, आने वाले दिनों में बादल छाए रहने की संभावना है और हल्की से मध्यम बारिश हो सकती है। दिन के समय हवा की गति सामान्य से अधिक रहेगी। इसलिए फलों को तोड़कर बेचने के लिए बाजार में भेज दें।   |
|           | तरबूज (तुड़ाई)           | मौसम पूर्वानुमान के अनुसार, आने वाले दिनों में बादल छाए रहने की संभावना है और हल्की से मध्यम बारिश हो सकती है। दिन के समय हवा की गति सामान्य से अधिक रहेगी। इसलिए फलों को तोड़कर बेचने के लिए बाजार में भेज दें।   |
| भैंस/ गाय | गाय/भैंस                 | मौसम पूर्वानुमान के अनुसार आने वाले दिनों में बादल छाए रहने की संभावना है तथा हल्की से मध्यम बारिश हो सकती है। पशुओं को छायादार व सूखी जगहों पर रखें। दोपहर के समय उन्हें पीने के लिए पानी दें।  |

- अगला बुलेटिन 04.07.2025 को जारी किया जाएगा।

प्रमुख  
मौसम केन्द्र लखनऊ



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### LEGENDS

#### WARNING

|                        |
|------------------------|
| WARNING (TAKE ACTION)  |
| ALERT (BE PREPARED)    |
| WATCH (BE UPDATED)     |
| NO WARNING (NO ACTION) |

#### Probabilistic Forecast

| Terms       | Probability of Occurrence (%) |
|-------------|-------------------------------|
| Unlikely    | < 25                          |
| Likely      | 25 - 50                       |
| Very Likely | 50 - 75                       |
| Most Likely | > 75                          |



Heavy: 64.5 to 115.5 mm/cm \*  
Very Heavy: 115.6 to 204.4 mm/cm \*  
Extremely Heavy: > 204.4 mm/cm \*



When maximum temperature of a station reaches  $\geq 40^{\circ}\text{C}$  for plains and  $\geq 30^{\circ}\text{C}$  for hilly regions  
(a) Based on Departure from normal  
Heat Wave: Maximum Temperature Departure from normal  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
Severe Heat Wave: Maximum Temperature Departure from normal  $\geq 6.5^{\circ}\text{C}$   
(b). Based on Actual maximum temperature  
Heat Wave: When actual maximum temperature  $\geq 45^{\circ}\text{C}$ .  
Severe Heat Wave: When actual maximum temperature  $\geq 47^{\circ}\text{C}$   
(c). Criteria for heat wave for coastal stations  
When maximum temperature departure is  $> 4.5^{\circ}\text{C}$  from normal. Heat Wave may be described provided maximum temperature  $\geq 37^{\circ}\text{C}$



When maximum temperature remains  $40^{\circ}\text{C}$   
Warm Night: When minimum temperature departure  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
Severe Warm Night: When minimum temperature departure  $> 6.4^{\circ}\text{C}$ .



When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions.  
(a). Based on departure  
Cold Wave: Minimum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
Severe Cold Wave: Minimum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$   
(b) Based on actual Minimum Temperature (for Plains only)  
Cold Wave : When Minimum Temperature is  $\leq 4.0^{\circ}\text{C}$   
Severe Cold Wave: When Minimum Temperature is  $\leq 2.0^{\circ}\text{C}$   
(c) For Coastal Stations  
When Minimum Temperature departure is  $\leq -4.5^{\circ}\text{C}$  & actual Minimum Temperature is  $\leq 15^{\circ}\text{C}$



When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions  
Based on departure  
Cold Day: Maximum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
Severe Cold Day: Maximum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$



Phenomenon of small droplets suspended in air and the horizontal visibility  $< 1\text{km}$   
Moderate Fog: When the visibility between 500-200 metres  
Dense Fog: when the visibility between 50- 200 metres  
Very Dense Fog: when the visibility  $< 50$  metres



Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)



An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.



Ice deposits on ground  
Air temperature  $\leq 4^{\circ}\text{C}$  ( over Plains)



A strong wind that rises suddenly, lasts for atleast 1 minute.  
Moderate: Wind speed 52-61 kmph  
Severe: Wind speed 62-87 kmph  
Very Severe: Wind speed  $> 87$  kmph



Effect of various waves in the sea over specific area  
Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre  
High to very high: Wind speed 63-117 kmph ( 34-63 knots) & Wave height 6-14 metre  
Phenomenal: Wind speed  $> 117$  kmph ( $> 63$  knots) & Wave height  $> 14$  metre



Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)  
Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)  
Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)  
Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)  
Super Cyclone Storm: Wind speed  $> 220$  kmph ( $> 119$  knots)

### For More Updates



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## UTTAR PRADESH COMPOSITE STATE AGRO-METEOROLOGICAL ADVISORY BULLETIN

ISSUED ON: 01.07.2025

BULLETIN NO. 52/25

(Valid for the period from 01.07.2025 (0830 IST) to 04.07.2025 (0830 IST))



### NINE AGRO-CLIMATIC ZONES OF UTTAR PRADESH

| S.No. | Agro-Climatic Zone                     | Districts   | Agro-Meteorological Field Unit (AMFU)          |
|-------|--|---|--|
| 1     | Bhabhar-Tarai Zone (BTZ)               | Bahraich, Lakhimpur kheri, Pilibhit, Rampur, Moradabad, Bijnor, Saharanpur.   | BAHRAICH, KANPUR, MEERUT (MODIPURAM).          |
| 2     | Western Plain Zone (WPZ)               | Shamali, Muzaffarnagar, Baghpat, Meerut, Ghaziabad, Hapur, Gautam Buddha Nagar, Bulandshahr.  | MEERUT (MODIPURAM).                            |
| 3     | Central-Western Plain Zone (CWPZ)      | Amroha (Jyotiba Phule Nagar), Sambhal, Badaun, Bareilly, Shahjahanpur, Sitapur.   | MEERUT (MODIPURAM), KANPUR.                    |
| 4     | South-Western Semi-Arid Plain (SWSAPZ) | Aligarh, Mathura, Hathras, Kanshiram Nagar (Kansganj), Etah, Firozabad, Mainpuri, Agra.   | MEERUT (MODIPURAM), KANPUR.                    |
| 5     | Central Plain Zone (CPZ)               | Etawah, Farrukhabad, kannauj, Hardoi, Auraiya, Lucknow, Kanpur Dehat, Kanpur Nagar, Unnao, Fatehpur, Raebareli, Kaushambi.                                      | KANPUR, PRAYAGRAJ, AYODHYA, MEERUT (MODIPURAM) |
| 6     | Bundelkhand Zone (BZ)                  | Jhansi, Jalaun, Hamirpur, Mahoba, Banda, Chitrakoot, Lalitpur.  | JHANSI (BHARARI), PRAYAGRAJ                    |
| 7     | North-Eastern Plain Zone (NEPZ)        | Gorakhpur, Gonda, Balrampur, Basti, Shravasti, Sant Kabir nagar, Kushinagar, Deoria, Siddharthnagar, Mahrajganj.  | BAHRAICH, AHYODHYA                             |
| 8     | Eastern Plain Zone (EPZ)               | Barabanki, Amethi, Ayodhya, Pratapgarh, Sultanpur, Ambedhkar Nagar, Jaunpur, Azamgarh, Sant Ravidas Nagar (Bhadohi), Mau, Varanasi, Gazipur, Ballia, Chandauli. | AYODHYA, PRAYAGRAJ, VARANASI.                  |
| 9     | Vindhyan Zone (VZ)                     | Prayagraj, Mirzapur, Sonbhadra.   | PRAYAGRAJ, VARANASI.                           |



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**Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ**



**PART-I: WEATHER**

**i. Realized Rainfall during the period from 28.06.2025 to 01.07.2025**

| Rainfall<br>(mm)    | Periodic Rainfall during<br>(28.06.2025 to 01.07.2025) |        |                   |                      | Cumulative Seasonal Rainfall<br>(Since 01.06.2025) |        |                   |                      |
|---------------------|--|--------|-------------------|----------------------|--|--------|-------------------|----------------------|
|                     | Actual   | Normal | %age<br>Departure | Rainfall<br>Category | Actual   | Normal | %age<br>Departure | Rainfall<br>Category |
| Agro-Climatic Zones |  |        |                   |                      |  |        |                   |                      |
| Uttar Pradesh       | 48.0   | 27.2   | +76               | Large Excess         | 124.3  | 101.3  | +23               | Excess               |
| East Uttar Pradesh  | 38.1   | 30.1   | +27               | Excess               | 111.4  | 113.9  | -2                | Normal               |
| West Uttar Pradesh  | 62.2   | 23.3   | +167              | Large Excess         | 142.8  | 83.8   | +70               | Large Excess         |

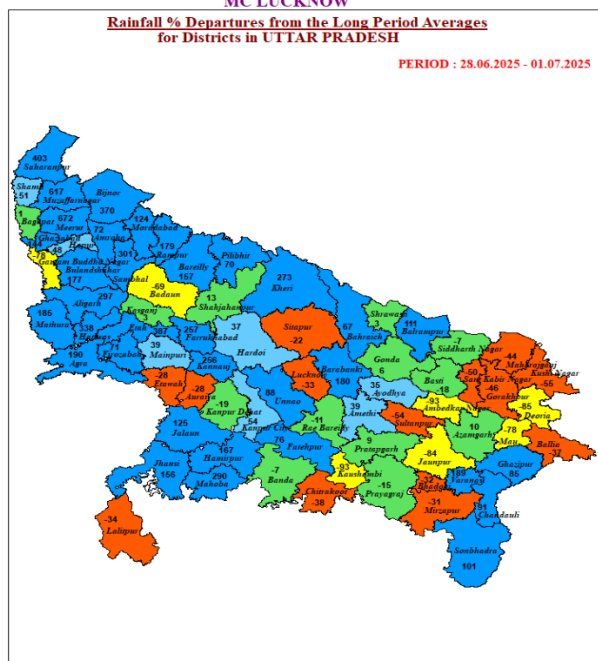
**Rainfall %age Departure during the period  
(28.06.2025 – 01.07.2025)**

**Rainfall %age Departure during Monsoon Season  
(w.e.f. 01.06.2025)**

**INDIA METEOROLOGICAL DEPARTMENT  
MC LUCKNOW**

**Rainfall % Departures from the Long Period Averages  
for Districts in UTTAR PRADESH**

PERIOD : 28.06.2025 - 01.07.2025

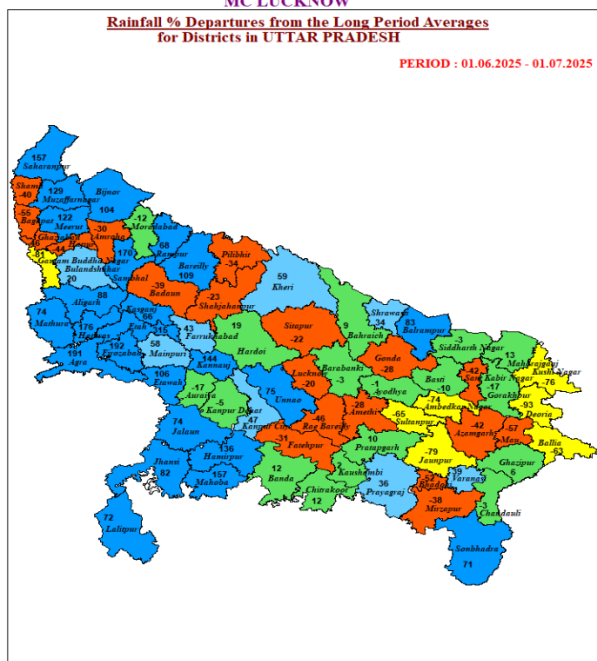


**LEGEND:** ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)  
■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

**INDIA METEOROLOGICAL DEPARTMENT  
MC LUCKNOW**

**Rainfall % Departures from the Long Period Averages  
for Districts in UTTAR PRADESH**

PERIOD : 01.06.2025 - 01.07.2025



**LEGEND:** ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)  
■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

**ii. Agro-Climatic Zonewise Significant Weather during 28.06.2025 to 01.07.2025**

| Agro-Climatic zones           | Significant Weather and Rainfall(≥ 5cm)  |
|-------------------------------|--|
| Bhabhar-Tarai Zone            | 28.06.2025:- Saharanpur-10. 29.06.2025:- Bijnor-8, Saharanpur-5. 30.06.2025:- Nanpara-9, Muhammadi-6, Bisalpur-5, Bilari-12, Moradabad-5, Bijnor-14, Chandpur-9, Dhampur-11, 01.07.2025:- Bahraich-7, Mahsi-5, Kheri Lakhimpur-5, Muhammadi-7, Palliakalan-21. |
| Western Plain Zone            | 29.06.2025:- Muzaffarnagar-5. 30.06.2025:- Hapur-6, Anupshahr-8, Khurja-5, Mawana-18, Meerut-12, Meerut Teh-8, Sardhana-7, Jansath-12, Muzaffarnagar-5, Muzaffarnagar(T)-12. 01.07.2025:- Muzaffarnagar-10.  |
| Central-Western Plain Zone    | 29.06.2025:- Baheri-6, Bareilly Cwc-6. 30.06.2025:- Gunnaur-16, Sambhal-11, Amroha-7. 01.07.2025:- Bareilly Pbo-5.   |
| Semi Arid South-Western Plain | 29.06.2025:- Aligarh-7. 30.06.2025:- Aliganj-7, Jalesar-17, Karhal-9, Agra (Cwc)-8, Agra Obsy-6, Hathras-12, Sadabad-11, Sasani-6, Aligarh-9, Atrauli-8. 01.07.2025:- Khairagarh-9.  |
| Central Plain Zone            | 29.06.2025:- Dabri Fmo-9, Bangar mau-5. 30.06.2025, Kanpur Obsy-6, Akbarpur Knp Dht-5, Fatehgarh Cwc-6, Fatehgarh Obsy-9. 01.07.2025:- Bindki-7, Ankinghat-5, Kanpur Iaf-5, Chhibramau-8, Kannauj-5, Sandila-5.  |
| Bundelkhand Zone              | 28.06.2025:- Karwi-5, Charkhari-5. 29.06.2025, Moth-5. 30.06.2025, Mahoba-6. 01.07.2025, Rath-10, Jhansi-7, Orai-9   |
| North-Eastern Plain Zone      | 29.06.2025:- Balrampur-7. 30.06.2025:- Bansi Cwc-5, Bansi Tehsil-7, Uska Bazar Fmo-10. 01.07.2025:- Basti Cwc-5, Basti Obsy-5, Gonda Cwc-5, Gonda Sadar-5.   |
| Eastern Plain Zone            | 30.06.2025:- Azamgarh-6, Fatehpur Tehsil-7, Ramnagar-7. 01.07.2025:- Fursatganj-7, Rajghat ( Vns Cwc )-5, Varanasi-B.H.U.-9, Ghazipur Obsy-6, Ayodhya-10, Bara Banki-5, Fatehpur Tehsil-17, Sirauli Gauspur Tehsil-7.  |
| Vindhyan Zone                 | 28.06.2025:- Churk-7, Ghorawal-10, Robertsganj-8. 01.07.2025:- Chopan Fmo-6, Ghorawal-5, Chunar-5.   |



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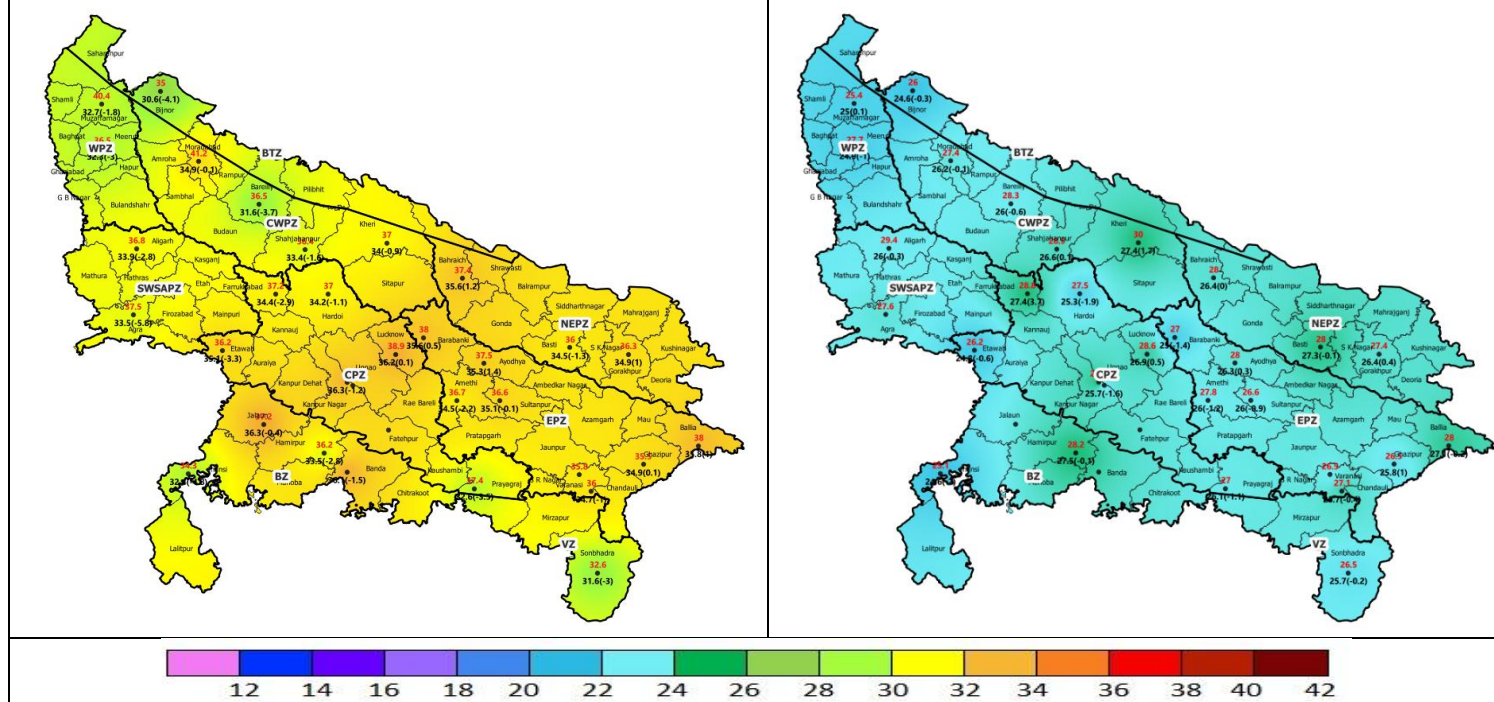


iii. Agro-Climatic Zonewise Past Weather during 27.06.2025 (0830 IST) to 01.07.2025 (0830 IST)

| Agro-Climatic Zones                    | Mean Maximum Temperature (°C) |          | Mean Minimum Temperature (°C) |          | Mean Relative Humidity (%) |             | Wind (Speed/Direction) |           | Cloud, (Okta) |
|--|-------------------------------|----------|-------------------------------|----------|----------------------------|-------------|------------------------|-----------|---------------|
|  | Actual (Departure)            | Category | Actual (Departure)            | Category | 0830 IST RH                | 1730 IST RH | (KMPH)                 | Direction |               |
| Bhabhar-Tarai Zone (BTZ)               | 33.3 (-2.0)                   | ↓        | 25.9 (0.0)                    | ↔        | 87                         | 78          | 02-12                  | NE-NW     | 3-8           |
| Western Plain Zone (WPZ)               | 32.9 (-2.5)                   | ↓        | 25.3 (-0.4)                   | ↔        | 89                         | 78          | 04-08                  | NE-NW     | 5-8           |
| Central-Western Plain Zone (CWPZ)      | 33.8 (-1.7)                   | ↓        | 26.2 (+0.1)                   | ↔        | 87                         | 77          | 00-04                  | SE-NW     | 4-8           |
| South-Western Semi-Arid Plain (SWSAPZ) | 33.9 (-3.3)                   | ↓        | 26.0 (+0.0)                   | ↔        | 89                         | 83          | 04-10                  | SE-SW     | 5-8           |
| Central Plain Zone (CPZ)               | 34.8 (-1.7)                   | ↓        | 26.3 (-0.3)                   | ↔        | 84                         | 79          | 04-10                  | NE-W      | 5-8           |
| Bundelkhand Zone (BZ)                  | 34.6 (-2.1)                   | ↓        | 26.2 (-0.8)                   | ↔        | 82                         | 77          | 02-10                  | NE-NW     | 3-8           |
| North-Eastern Plain Zone (NEPZ)        | 34.9 (-0.1)                   | ↔        | 26.5 (+0.0)                   | ↔        | 82                         | 77          | 02-10                  | NE-S      | 3-8           |
| Eastern Plain Zone (EPZ)               | 34.8 (-0.6)                   | ↔        | 26.2 (-0.4)                   | ↔        | 85                         | 77          | 04-12                  | NE-NW     | 4-8           |
| Vindhyan Zone (VZ)                     | 33.3 (-2.1)                   | ↓        | 26.1 (-0.4)                   | ↔        | 88                         | 84          | 02-08                  | E-NW      | 5-8           |

Mean Maximum Temperature  
From 27.06.2025 (0830 IST) to 01.07.2025 (0830 IST)

Mean Minimum Temperature  
From 27.06.2025 (0830 IST) to 01.07.2025 (0830 IST)



- The number shown in Red/Blue represents Highest Maximum/Minimum Temperature at that observatory.
- The numbers shown in black represent Average Maximum/Minimum Temperature and in bracket departure from normal is shown at that observatory.



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iv:- Agro-Climatic Zonewise Weather Forecast for the period 01.07.2025 to 04.07.2025

| Agro-Climatic Zones                    | Rainfall, (mm) |                |                |                |                | Maximum Temperature (°C) |        | Minimum Temperature (°C) |        | Relative Humidity (%) |                  | Wind, (Speed/Direction) |        | Cloud  | Weather Warnings |                |                |                |                |
|--|----------------|----------------|----------------|----------------|----------------|--------------------------|--------|--------------------------|--------|-----------------------|------------------|-------------------------|--------|--------|------------------|----------------|----------------|----------------|----------------|
|  | D <sub>1</sub> | D <sub>2</sub> | D <sub>3</sub> | D <sub>4</sub> | D <sub>5</sub> | Actual                   | Normal | Actual                   | Normal | Actual (Min-Max)      | Normal (Min-Max) | KMPH                    | Degree | (Okta) | D <sub>1</sub>   | D <sub>2</sub> | D <sub>3</sub> | D <sub>4</sub> | D <sub>5</sub> |
| Bhabhar-Tarai Zone (BTZ)               |                |                |                |                |                | 33-36                    | 35     | 24-26                    | 26     | 50-92                 | 65-79            | 04-18                   | NE-NW  | 3-8    |                  |                |                |                |                |
| Western Plain Zone (WPZ)               |                |                |                |                |                | 30-36                    | 35     | 23-26                    | 26     | 52-97                 | 62-77            | 01-14                   | NE-NW  | 2-8    |                  | NIL            |                | NIL            |                |
| Central-Western Plain Zone (CWPZ)      |                |                |                |                |                | 31-36                    | 35     | 24-27                    | 26     | 49-96                 | 65-79            | 02-15                   | NE-NW  | 2-8    |                  | NIL            | NIL            | NIL            | NIL            |
| South-Western Semi-Arid Plain (SWSAPZ) |                |                |                |                |                | 32-36                    | 37     | 24-26                    | 26     | 78-95                 | 59-74            | 02-14                   | NE-NW  | 3-8    |                  |                |                |                |                |
| Central Plain Zone (CPZ)               |                |                |                |                |                | 32-36                    | 36     | 24-26                    | 27     | 50-95                 | 63-73            | 02-14                   | NE-NW  | 4-8    |                  |                |                |                |                |
| Bundelkhand Zone (BZ)                  |                |                |                |                |                | 31-35                    | 36     | 24-26                    | 27     | 50-95                 | 63-74            | 02-14                   | NE-NW  | 3-8    |                  |                |                |                |                |
| North-Eastern Plain Zone (NEPZ)        |                |                |                |                |                | 28-36                    | 35     | 22-26                    | 26     | 50-99                 | 69-80            | 02-18                   | NE-NW  | 4-8    | NIL              | NIL            | NIL            |                | NIL            |
| Eastern Plain Zone (EPZ)               |                |                |                |                |                | 31-36                    | 35     | 23-26                    | 27     | 50-96                 | 69-78            | 02-18                   | NE-NW  | 3-8    |                  |                |                |                |                |
| Vindhyan Zone (VZ)                     |                |                |                |                |                | 29-35                    | 35     | 22-26                    | 26     | 60-98                 | 66-75            | 02-12                   | NE-NW  | 6-8    |                  |                |                |                |                |

| Symbol | Related Weather                             | Symbol | Related weather                             | Symbol | Related weather                 |
|--------|---|--------|---|--------|---------------------------------|
| D      | Dry/No Rain                                 |        | Thunderstorm accompanied with Lightning     |        | Light to Moderate Rain          |
|        | Cold wave                                   |        | Gust/ Squall                                |        | Heavy Rain                      |
|        | Strong surface Wind                         |        | Hail  |        | Heavy to Very Heavy Rain        |
|        | Fog   |        | Very light to light Rain                    |        | Extremely Heavy Rain            |
|        | Normal (-1.5°C to +1.5°C)                   | ↑      | Above Normal (+1.6°C to +3.0°C)             | ↓      | Below Normal (-1.6°C to -3.0°C) |
| ↑      | Appreciably Above Normal (+3.1°C to +5.0°C) | ↓      | Appreciably Below Normal (-3.1°C to -5.0°C) |        | Heat Wave                       |
| ↑      | Markedly above normal (>5.0°C)              | ↓      | Markedly below normal (<-5.0°C)             |        | Cold Day                        |

| Rainfall Intensity   |                  | Sky Condition    |                        | Fog Intensity  |                       |
|----------------------|------------------|------------------|------------------------|----------------|-----------------------|
| Terminology          | Rainfall (in mm) | Terminology      | Cloud Amount (In Okta) | Terminology    | Visibility (In Meter) |
| Very Light Rain      | Trace – 2.4      | Clear Sky        | 0                      | Haze           | >1000 (RH<75%)        |
| Light Rain           | 2.5 – 15.5       | Mainly Clear Sky | 1-2                    | Mist           | >1000 (RH >75%)       |
| Moderate rain        | 15.6 – 64.4      | Partly Cloudy    | 3-4                    | Shallow Fog    | <1000                 |
| Heavy Rain           | 64.5 – 115.5     | Generally Cloudy | 6-7                    | Moderate Fog   | <500                  |
| Very Heavy Rain      | 115.6 – 204.4    | Overcast         | 8                      | Dense Fog      | <200                  |
| Extremely Heavy Rain | >204.5           | Obscured         | obs                    | Very Dense Fog | <50                   |

| Regional Distribution (% of Stations Reporting) |                                 | Probabilistic Forecast |             | Colour Baesd Warning/ Advisory |               |
|---|---------------------------------|------------------------|-------------|--------------------------------|---------------|
| % Station                                       | Discription                     | Terminology            | Probability | Colour                         | चेतावनी /सलाह |
| 76-100  | Most Places (Widespread)        | Unlikely               | <25%        | Green (No Warning)             | No Action     |
| 51-75   | Many Places (Fairly Widespread) | Likely                 | 25%-50%     | Yellow                         | Be Aware      |
| 26-50   | Few Places (Scattered)          | Very Likely            | 51%-75%     | Orange                         | Be Ready      |
| <25   | Isolated Places                 | Most Likely            | >75%        | Red                            | Take Action   |



0522-2436603



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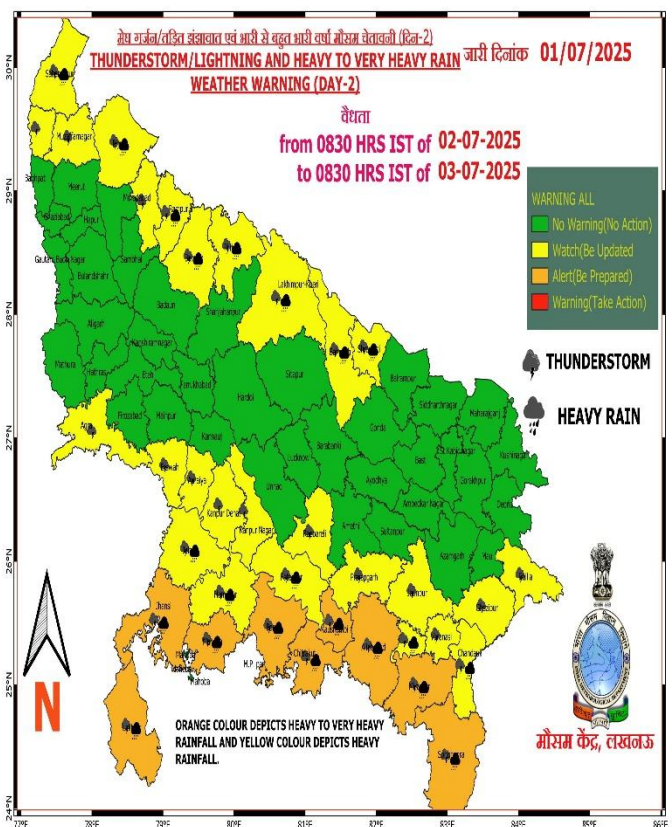
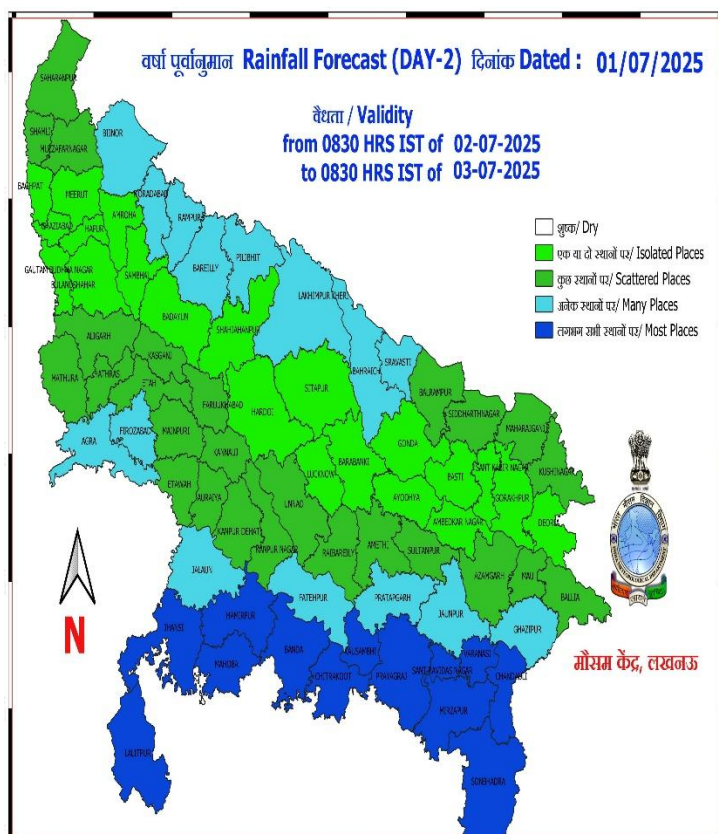
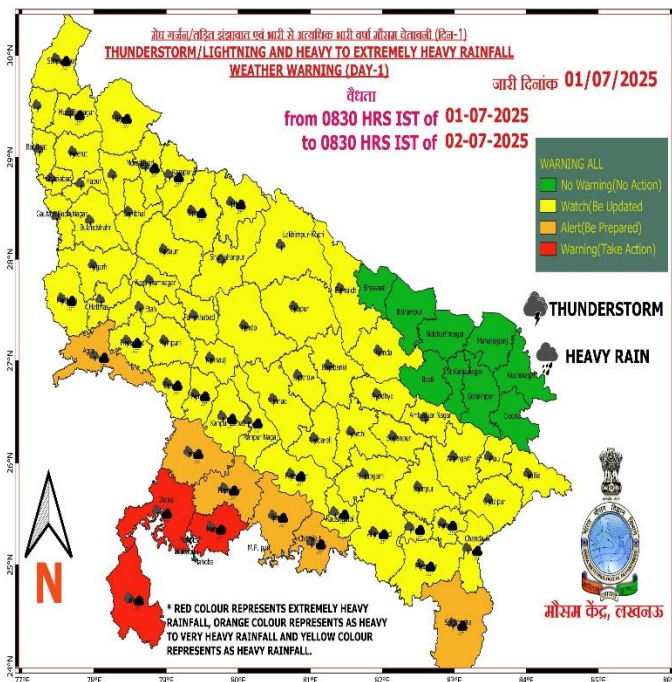
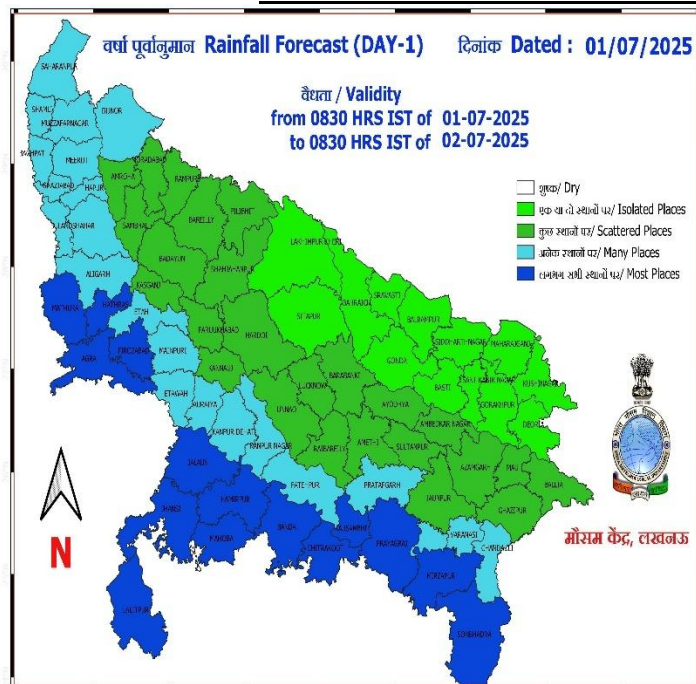




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Ministry of Earth Sciences/पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department/भारत मौसम विज्ञान विभाग  
Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ

150  
1875-2025  
भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT  
अविद्यात् जायते बुद्धिः  
Years of Service to the Nation  
राष्ट्र सेवा के 150 वर्ष

**District wise Rainfall and Warnings in Graphical format:-**



0522-2436603



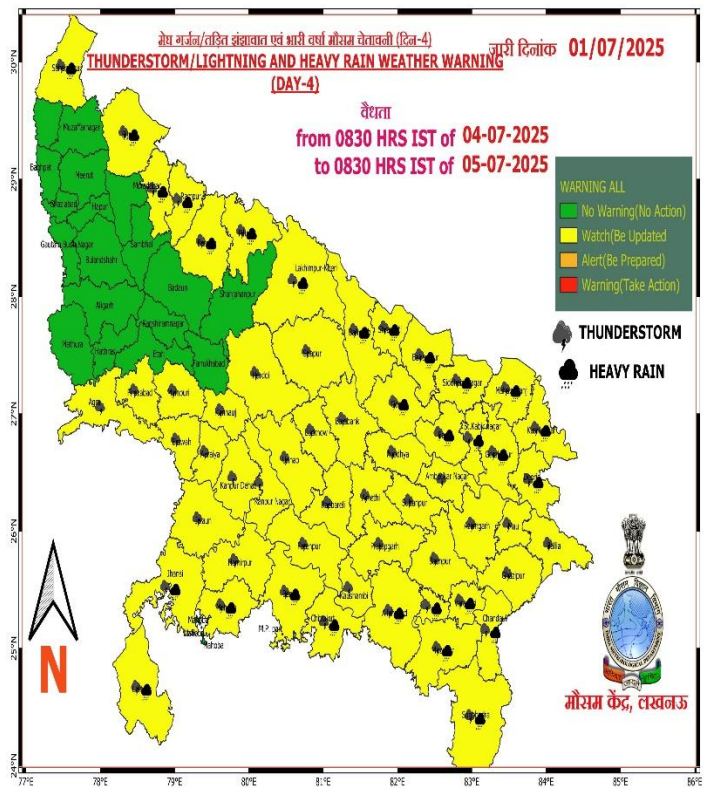
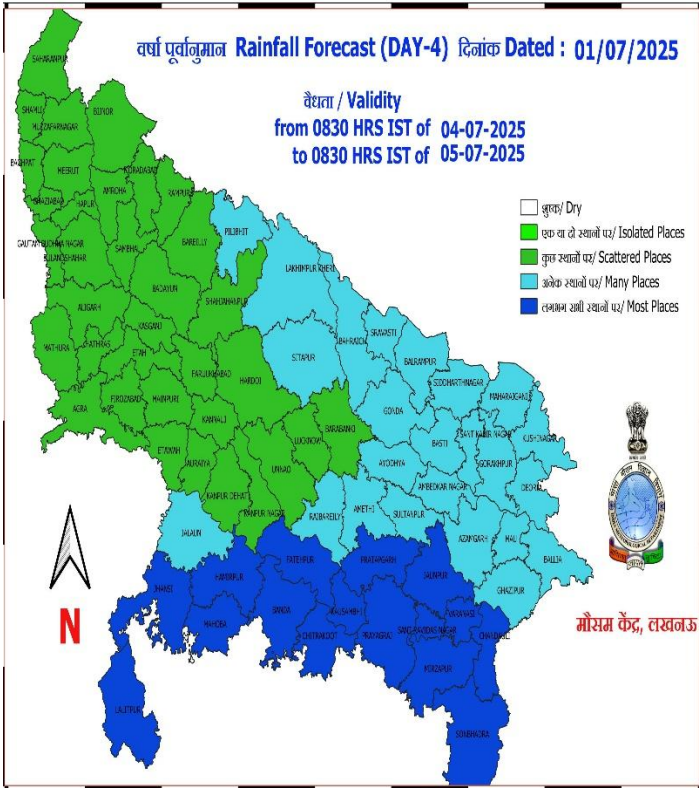
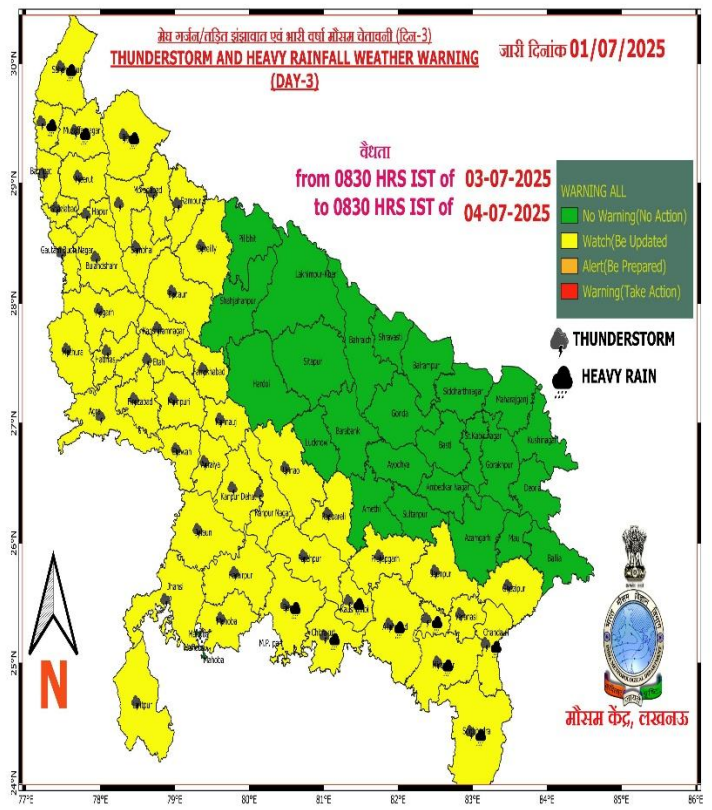
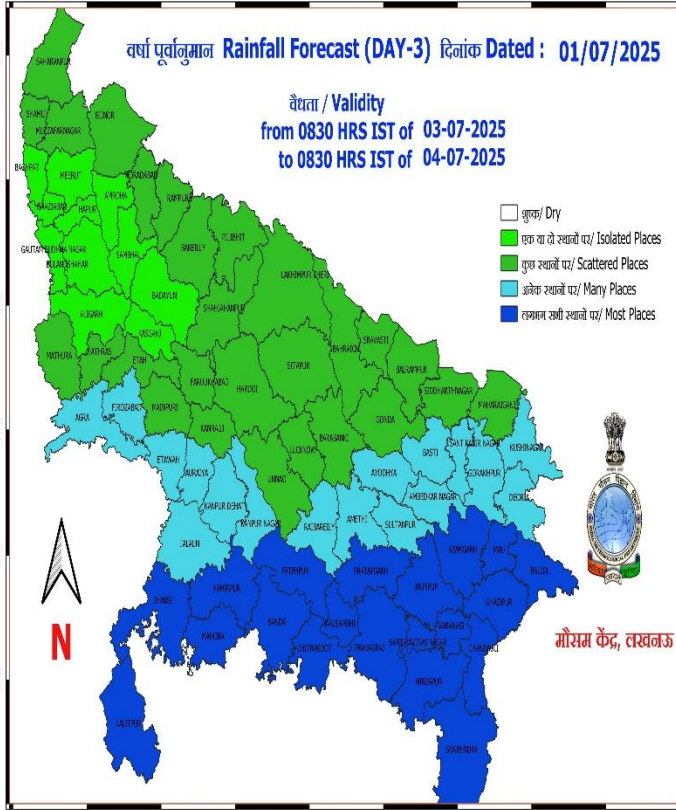
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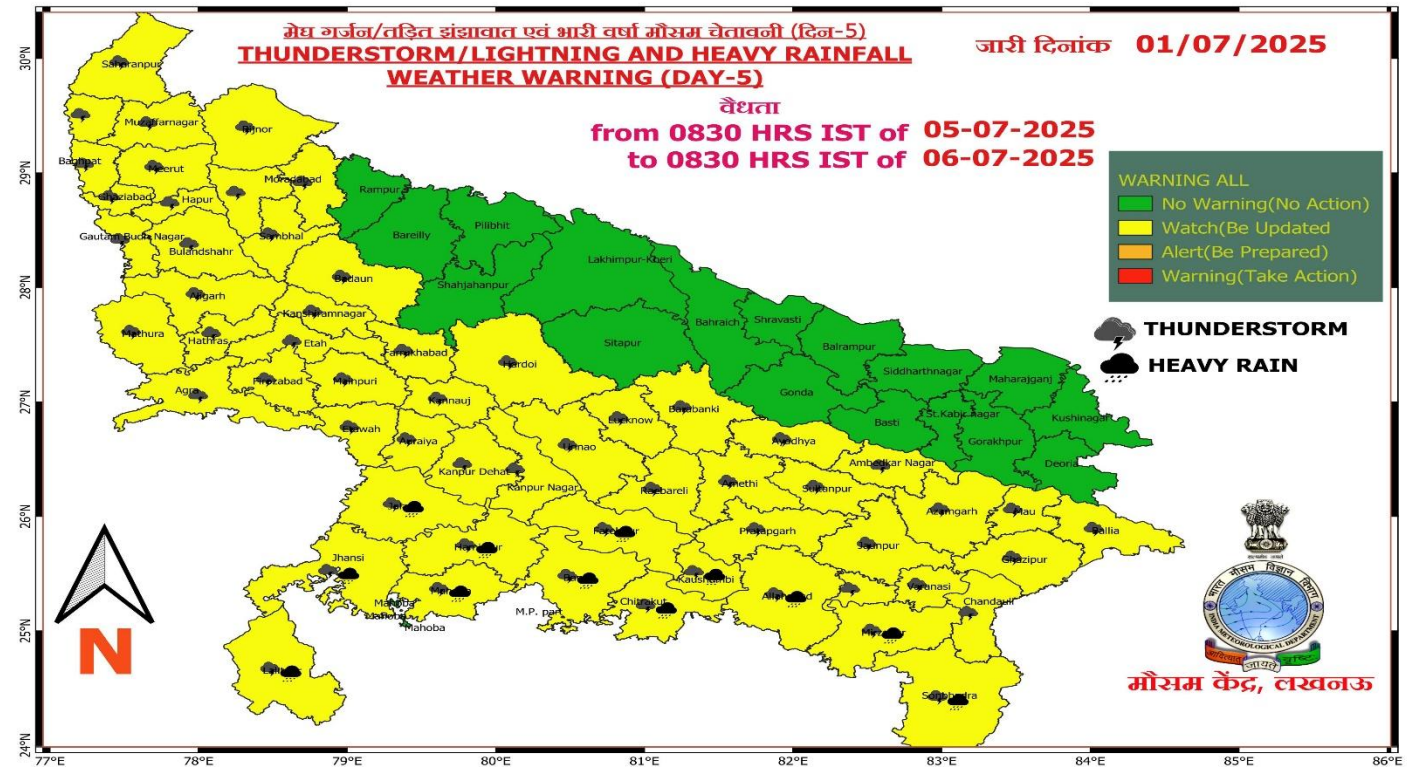
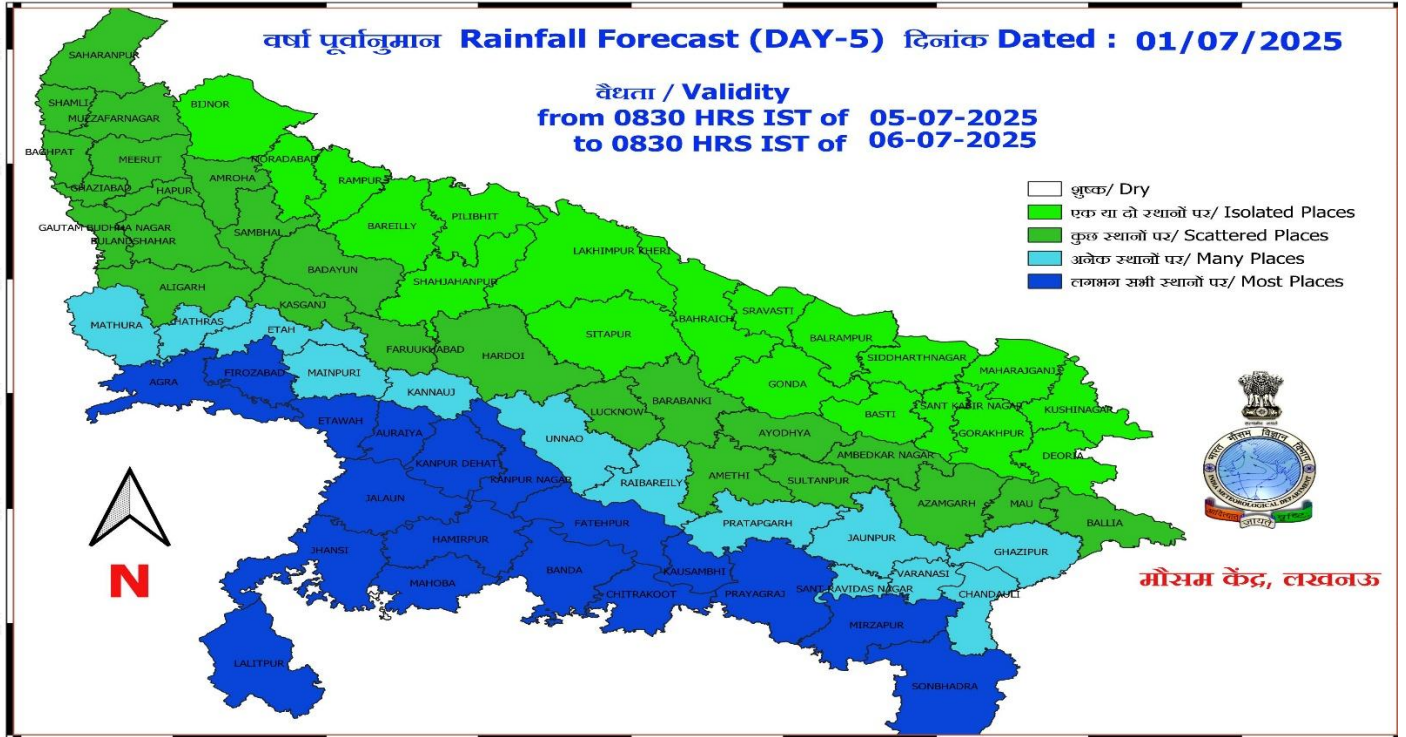
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## Districtwise Probabilistic Rainfall Forecast and Warning for Uttar Pradesh उत्तर प्रदेश के लिए जिलावार संभावित वर्षा पूर्वानुमान एवं चेतावनी

| District                        |              | 01-07-2025                                 | 02-07-2025                 | 03-07-2025                 | 04-07-2025                 | 05-07-2025                 |
|---------------------------------|--------------|--|----------------------------|----------------------------|----------------------------|----------------------------|
|                                 |              | Tuesday                                    | Wednesday                  | Thursday                   | Friday                     | Saturday                   |
| AGRA/आगरा                       | Distribution | Most Places                                | Many Places                | Many Places                | Scattered Places           | Most Places                |
|                                 | Intensity    | Moderate                                   | Moderate                   | Moderate                   | Light to Moderate          | Moderate                   |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| ALIGARH/ अलीगढ़                 | Distribution | Many Places                                | Scattered Places           | Isolated Places            | Scattered Places           | Scattered Places           |
|                                 | Intensity    | Moderate                                   | Light to Moderate          | Very Light to Light        | Light to Moderate          | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | THUNDERSTORM/LI<br>GHTNING | NIL                        | THUNDERSTORM/LI<br>GHTNING |
| AMBEDKAR NAGAR/<br>अम्बेडकर नगर | Distribution | Scattered Places                           | Isolated Places            | Many Places                | Many Places                | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Very Light to Light        | Moderate                   | Moderate                   | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | NIL                        | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| AMETHI/ अमेठी                   | Distribution | Scattered Places                           | Scattered Places           | Many Places                | Many Places                | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Light to Moderate          | Moderate                   | Moderate                   | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | NIL                        | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| AMROHA/ अमरोहा                  | Distribution | Scattered Places                           | Isolated Places            | Isolated Places            | Scattered Places           | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Very Light to Light        | Very Light to Light        | Light to Moderate          | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | THUNDERSTORM/LI<br>GHTNING | NIL                        | THUNDERSTORM/LI<br>GHTNING |
| AURAIYA/ औरैया                  | Distribution | Many Places                                | Scattered Places           | Many Places                | Scattered Places           | Most Places                |
|                                 | Intensity    | Moderate                                   | Light to Moderate          | Moderate                   | Light to Moderate          | Moderate                   |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| AYODHYA/ अयोध्या                | Distribution | Scattered Places                           | Isolated Places            | Many Places                | Many Places                | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Very Light to Light        | Moderate                   | Moderate                   | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | NIL                        | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| AZAMGARH/<br>आज़मगढ़            | Distribution | Scattered Places                           | Scattered Places           | Most Places                | Many Places                | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Light to Moderate          | Moderate                   | Moderate                   | Light to Moderate          |
|                                 | Probability  | Very Likely                                | Very Likely                | Very Likely                | Very Likely                | Very Likely                |
|                                 | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | NIL                        | THUNDERSTORM/L<br>IGHTNING | THUNDERSTORM/LI<br>GHTNING |
| BADAUN/ बदायूं                  | Distribution | Scattered Places                           | Isolated Places            | Isolated Places            | Scattered Places           | Scattered Places           |
|                                 | Intensity    | Light to Moderate                          | Very Light to Light        | Very Light to Light        | Light to Moderate          | Light to Moderate          |

|                        |              |  |  |  |  |  |
|------------------------|--------------|--|--|--|--|--|
| BAGHPAT/ बागपत         | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| BAGHPAT/ बागपत         | Distribution | Many Places                                | Isolated Places                            | Isolated Places                            | Scattered Places                           | Scattered Places                           |
|                        | Intensity    | Moderate                                   | Very Light to Light                        | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| BAHRAICH/ बहराइच       | Distribution | Isolated Places                            | Many Places                                | Scattered Places                           | Many Places                                | Isolated Places                            |
|                        | Intensity    | Very Light to Light                        | Moderate                                   | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| BALLIA/ बलिया          | Distribution | Scattered Places                           | Scattered Places                           | Most Places                                | Many Places                                | Scattered Places                           |
|                        | Intensity    | Light to Moderate                          | Light to Moderate                          | Moderate                                   | Moderate                                   | Light to Moderate                          |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| BALRAMPUR/<br>बलरामपुर | Distribution | Isolated Places                            | Scattered Places                           | Scattered Places                           | Many Places                                | Isolated Places                            |
|                        | Intensity    | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | NIL  | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| BANDA/बाँदा            | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                        | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| BARABANKI/<br>बाराबंकी | Distribution | Scattered Places                           | Isolated Places                            | Scattered Places                           | Scattered Places                           | Scattered Places                           |
|                        | Intensity    | Light to Moderate                          | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| BAREILLY/ बरेली        | Distribution | Scattered Places                           | Many Places                                | Scattered Places                           | Scattered Places                           | Isolated Places                            |
|                        | Intensity    | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| BASTI/बस्ती            | Distribution | Isolated Places                            | Isolated Places                            | Many Places                                | Many Places                                | Isolated Places                            |
|                        | Intensity    | Very Light to Light                        | Very Light to Light                        | Moderate                                   | Moderate                                   | Very Light to Light                        |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                        | Warning      | NIL  | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| BHADOHI/ भदोही         | Distribution | Many Places                                | Most Places                                | Most Places                                | Most Places                                | Many Places                                |
|                        | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                        | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |

|                           |              |  |  |  |  |  |
|---------------------------|--------------|--|--|--|--|--|
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 |
| BIJNORE/ मिर्जापुर        | Distribution | Many Places                                | Many Places                                | Scattered Places                           | Scattered Places                           | Isolated Places                            |
|                           | Intensity    | Moderate                                   | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 |
| BULANSAHAR/<br>बुलंदशहर   | Distribution | Many Places                                | Isolated Places                            | Isolated Places                            | Scattered Places                           | Scattered Places                           |
|                           | Intensity    | Moderate                                   | Very Light to Light                        | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| CHANDAULI/<br>चंदौली      | Distribution | Many Places                                | Most Places                                | Most Places                                | Most Places                                | Many Places                                |
|                           | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 |
| CHITRAKOOT/<br>चित्रकूट   | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                           | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| DEORIA/ देवरिया           | Distribution | Isolated Places                            | Isolated Places                            | Many Places                                | Many Places                                | Isolated Places                            |
|                           | Intensity    | Very Light to Light                        | Very Light to Light                        | Moderate                                   | Moderate                                   | Very Light to Light                        |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | NIL  | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| ETAH/एटा                  | Distribution | Many Places                                | Scattered Places                           | Scattered Places                           | Scattered Places                           | Many Places                                |
|                           | Intensity    | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Moderate                                   |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| ETAWAH/ इटावा             | Distribution | Many Places                                | Scattered Places                           | Many Places                                | Scattered Places                           | Most Places                                |
|                           | Intensity    | Moderate                                   | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Moderate                                   |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| FARUKHABAD/<br>फर्रुखाबाद | Distribution | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           |
|                           | Intensity    | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| FATEHPUR/<br>फतेहपुर      | Distribution | Many Places                                | Many Places                                | Most Places                                | Most Places                                | Most Places                                |
|                           | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                           | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                           | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |



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| FIROZABAD/<br>फिरोजाबाद                | Distribution | Most Places                                | Many Places                                | Many Places                | Scattered Places                           | Most Places                                |
|  | Intensity    | Moderate                                   | Moderate                                   | Moderate                   | Light to Moderate                          | Moderate                                   |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| GAUTAMBUDH<br>NAGAR/ गौतम<br>बुद्ध नगर | Distribution | Many Places                                | Isolated Places                            | Isolated Places            | Scattered Places                           | Scattered Places                           |
|  | Intensity    | Moderate                                   | Very Light to Light                        | Very Light to Light        | Light to Moderate                          | Light to Moderate                          |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| GHAZIABAD/<br>गाजियाबाद                | Distribution | Many Places                                | Isolated Places                            | Isolated Places            | Scattered Places                           | Scattered Places                           |
|  | Intensity    | Moderate                                   | Very Light to Light                        | Very Light to Light        | Light to Moderate                          | Light to Moderate                          |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| GHAZIPUR/<br>गाजीपुर                   | Distribution | Scattered Places                           | Many Places                                | Most Places                | Many Places                                | Many Places                                |
|  | Intensity    | Light to Moderate                          | Moderate                                   | Moderate                   | Moderate                                   | Moderate                                   |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| GONDA/ गोंडा                           | Distribution | Isolated Places                            | Isolated Places                            | Scattered Places           | Many Places                                | Isolated Places                            |
|  | Intensity    | Very Light to Light                        | Very Light to Light                        | Light to Moderate          | Moderate                                   | Very Light to Light                        |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | NIL                        | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| GORAKHPUR/<br>गोरखपुर                  | Distribution | Isolated Places                            | Isolated Places                            | Many Places                | Many Places                                | Isolated Places                            |
|  | Intensity    | Very Light to Light                        | Very Light to Light                        | Moderate                   | Moderate                                   | Very Light to Light                        |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | NIL  | NIL  | NIL                        | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| HAMIRPUR/<br>हमीरपुर                   | Distribution | Most Places                                | Most Places                                | Most Places                | Most Places                                | Most Places                                |
|  | Intensity    | Moderate                                   | Moderate                                   | Moderate                   | Moderate                                   | Moderate                                   |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| HAPUR/ हापुड़                          | Distribution | Many Places                                | Isolated Places                            | Isolated Places            | Scattered Places                           | Scattered Places                           |
|  | Intensity    | Moderate                                   | Very Light to Light                        | Very Light to Light        | Light to Moderate                          | Light to Moderate                          |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| HARDOI/ हरदोई                          | Distribution | Scattered Places                           | Isolated Places                            | Scattered Places           | Scattered Places                           | Scattered Places                           |
|  | Intensity    | Light to Moderate                          | Very Light to Light                        | Light to Moderate          | Light to Moderate                          | Light to Moderate                          |
|  | Probability  | Very Likely                                | Very Likely                                | Very Likely                | Very Likely                                | Very Likely                                |
|  | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | NIL                        | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
|  | Distribution | Most Places                                | Scattered Places                           | Scattered Places           | Scattered Places                           | Many Places                                |

|                               |              |  |  |  |  |  |
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| HATHRAS/ हथरस                 | Intensity    | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| JALAUN/जालौन                  | Distribution | Most Places                                | Many Places                                | Many Places                                | Many Places                                | Most Places                                |
|                               | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| JAUNPUR/ जौनपुर               | Distribution | Scattered Places                           | Many Places                                | Most Places                                | Most Places                                | Many Places                                |
|                               | Intensity    | Light to Moderate                          | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| JHANSI/झांसी                  | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                               | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| KANNAUJ/ कन्नौज               | Distribution | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           | Many Places                                |
|                               | Intensity    | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| KANPUR DEHAT/<br>कानपुर देहात | Distribution | Many Places                                | Scattered Places                           | Many Places                                | Scattered Places                           | Most Places                                |
|                               | Intensity    | Moderate                                   | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| KANPUR NAGAR/<br>कानपुर नगर   | Distribution | Many Places                                | Scattered Places                           | Many Places                                | Scattered Places                           | Most Places                                |
|                               | Intensity    | Moderate                                   | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| KASGANJ/ कासगंज               | Distribution | Scattered Places                           | Scattered Places                           | Isolated Places                            | Scattered Places                           | Scattered Places                           |
|                               | Intensity    | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| KAUSHAMBI/<br>कौशांबी         | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                               | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                               | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                               | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| KUSHINAGAR/                   | Distribution | Isolated Places                            | Scattered Places                           | Many Places                                | Many Places                                | Isolated Places                            |
|                               | Intensity    | Very Light to Light                        | Light to Moderate                          | Moderate                                   | Moderate                                   | Very Light to Light                        |

|                               |              |                                    |                                    |                        |                                    |                        |
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| ROHTAK/ कुशीनगर               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | NIL                                | NIL                                | NIL                    | THUNDERSTORM/LIGHTNING, HEAVY-RAIN | NIL                    |
| LAKHIMPUR KHERI/ लखीमपुर खीरी | Distribution | Isolated Places                    | Many Places                        | Scattered Places       | Many Places                        | Isolated Places        |
|                               | Intensity    | Very Light to Light                | Moderate                           | Light to Moderate      | Moderate                           | Very Light to Light    |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | THUNDERSTORM/LIGHTNING             | THUNDERSTORM/LIGHTNING, HEAVY-RAIN | NIL                    | THUNDERSTORM/LIGHTNING, HEAVY-RAIN | NIL                    |
| LALITPUR/ ललितपुर             | Distribution | Most Places                        | Most Places                        | Most Places            | Most Places                        | Most Places            |
|                               | Intensity    | Moderate                           | Moderate                           | Moderate               | Moderate                           | Moderate               |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | GHTNING, HEAVY-RAIN                | GHTNING, HEAVY-RAIN                | THUNDERSTORM/LIGHTNING | IGHTNING, HEAVY-RAIN               | GHTNING, HEAVY-RAIN    |
| LUCKNOW/ लखनऊ                 | Distribution | Scattered Places                   | Isolated Places                    | Scattered Places       | Scattered Places                   | Scattered Places       |
|                               | Intensity    | Light to Moderate                  | Very Light to Light                | Light to Moderate      | Light to Moderate                  | Light to Moderate      |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | GHTNING                            | NIL                                | NIL                    | IGHTNING                           | GHTNING                |
| MAHOBA/ महोबा                 | Distribution | Most Places                        | Most Places                        | Most Places            | Most Places                        | Most Places            |
|                               | Intensity    | Moderate                           | Moderate                           | Moderate               | Moderate                           | Moderate               |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | GHTNING, HEAVY-RAIN                | GHTNING, HEAVY-RAIN                | THUNDERSTORM/LIGHTNING | IGHTNING, HEAVY-RAIN               | GHTNING, HEAVY-RAIN    |
| MAHRAJGANJ/ महाराजगंज         | Distribution | Isolated Places                    | Scattered Places                   | Scattered Places       | Many Places                        | Isolated Places        |
|                               | Intensity    | Very Light to Light                | Light to Moderate                  | Light to Moderate      | Moderate                           | Very Light to Light    |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | NIL                                | NIL                                | NIL                    | THUNDERSTORM/LIGHTNING, HEAVY-RAIN | NIL                    |
| MAINPURI/ मैनपुरी             | Distribution | Many Places                        | Scattered Places                   | Scattered Places       | Scattered Places                   | Many Places            |
|                               | Intensity    | Moderate                           | Light to Moderate                  | Light to Moderate      | Light to Moderate                  | Moderate               |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | THUNDERSTORM/LIGHTNING             | NIL                                | THUNDERSTORM/LIGHTNING | THUNDERSTORM/LIGHTNING             | THUNDERSTORM/LIGHTNING |
| MATHURA/ मथुरा                | Distribution | Most Places                        | Scattered Places                   | Scattered Places       | Scattered Places                   | Many Places            |
|                               | Intensity    | Moderate                           | Light to Moderate                  | Light to Moderate      | Light to Moderate                  | Moderate               |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | THUNDERSTORM/LIGHTNING, HEAVY-RAIN | NIL                                | THUNDERSTORM/LIGHTNING | NIL                                | THUNDERSTORM/LIGHTNING |
| MAU/ मऊ                       | Distribution | Scattered Places                   | Scattered Places                   | Most Places            | Many Places                        | Scattered Places       |
|                               | Intensity    | Light to Moderate                  | Light to Moderate                  | Moderate               | Moderate                           | Light to Moderate      |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |
|                               | Warning      | THUNDERSTORM/LIGHTNING             | NIL                                | NIL                    | THUNDERSTORM/LIGHTNING             | THUNDERSTORM/LIGHTNING |
| MEERUT/ मेरठ                  | Distribution | Many Places                        | Isolated Places                    | Isolated Places        | Scattered Places                   | Scattered Places       |
|                               | Intensity    | Moderate                           | Very Light to Light                | Very Light to Light    | Light to Moderate                  | Light to Moderate      |
|                               | Probability  | Very Likely                        | Very Likely                        | Very Likely            | Very Likely                        | Very Likely            |



|                                    |              |  |  |  |  |  |
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|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| MIRZAPUR/<br>मिर्जापुर             | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                                    | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
| MORADABAD/<br>मुरादाबाद            | Distribution | Scattered Places                           | Many Places                                | Scattered Places                           | Scattered Places                           | Isolated Places                            |
|                                    | Intensity    | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 |
| MUZAFFAR<br>NAGAR/<br>मुज़फ़्फरनगर | Distribution | Many Places                                | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           |
|                                    | Intensity    | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| PILIBHIT/ पीलीभीत                  | Distribution | Scattered Places                           | Many Places                                | Scattered Places                           | Many Places                                | Isolated Places                            |
|                                    | Intensity    | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| PRATAPGARH/<br>प्रतापगढ़           | Distribution | Many Places                                | Many Places                                | Most Places                                | Most Places                                | Many Places                                |
|                                    | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING                 |
| PRAYAGRAJ/<br>प्रयागराज            | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                                    | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | GHTNING, HEAVY-<br>RAIN                    | GHTNING, HEAVY-<br>RAIN                    | GHTNING, HEAVY-<br>RAIN                    | IGHTNING, HEAVY-<br>RAIN                   | GHTNING, HEAVY-<br>RAIN                    |
| RAEBARELI/<br>रायबरेली             | Distribution | Scattered Places                           | Scattered Places                           | Many Places                                | Many Places                                | Many Places                                |
|                                    | Intensity    | Light to Moderate                          | Light to Moderate                          | Moderate                                   | Moderate                                   | Moderate                                   |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | GHTNING                                    | GHTNING                                    | GHTNING                                    | IGHTNING                                   | GHTNING                                    |
| RAMPUR/ रामपुर                     | Distribution | Scattered Places                           | Many Places                                | Scattered Places                           | Scattered Places                           | Isolated Places                            |
|                                    | Intensity    | Light to Moderate                          | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                    | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| SAHARANPUR/<br>सहारनपुर            | Distribution | Many Places                                | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           |
|                                    | Intensity    | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          |
|                                    | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |

|                                      |              |  |  |  |  |  |
|--------------------------------------|--------------|--|--|--|--|--|
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| SAMBHAL/ सम्भल                       | Distribution | Scattered Places                           | Isolated Places                            | Isolated Places                            | Scattered Places                           | Scattered Places                           |
|                                      | Intensity    | Light to Moderate                          | Very Light to Light                        | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | NIL  | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| SANTKABIR<br>NAGAR/ संत<br>कबीर नगर  | Distribution | Isolated Places                            | Isolated Places                            | Many Places                                | Many Places                                | Isolated Places                            |
|                                      | Intensity    | Very Light to Light                        | Very Light to Light                        | Moderate                                   | Moderate                                   | Very Light to Light                        |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING                 | NIL  |
| SHAHJAHANPUR/<br>शाहजहाँपुर          | Distribution | Scattered Places                           | Isolated Places                            | Scattered Places                           | Scattered Places                           | Isolated Places                            |
|                                      | Intensity    | Light to Moderate                          | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          | Very Light to Light                        |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING                 |
| SHAMLI/ शामली                        | Distribution | Many Places                                | Scattered Places                           | Scattered Places                           | Scattered Places                           | Scattered Places                           |
|                                      | Intensity    | Moderate                                   | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          | Light to Moderate                          |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL  | NIL  | NIL  | NIL  |
| SHRAWASTI/<br>श्रावस्ती              | Distribution | Isolated Places                            | Many Places                                | Scattered Places                           | Many Places                                | Isolated Places                            |
|                                      | Intensity    | Very Light to Light                        | Moderate                                   | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | NIL  | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| SIDDHARTH<br>NAGAR/ सिद्धार्थ<br>नगर | Distribution | Isolated Places                            | Scattered Places                           | Scattered Places                           | Many Places                                | Isolated Places                            |
|                                      | Intensity    | Very Light to Light                        | Light to Moderate                          | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING                 | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | NIL  | THUNDERSTORM/LI<br>GHTNING                 |
| SITAPUR/ सीतापुर                     | Distribution | Isolated Places                            | Isolated Places                            | Scattered Places                           | Many Places                                | Isolated Places                            |
|                                      | Intensity    | Very Light to Light                        | Very Light to Light                        | Light to Moderate                          | Moderate                                   | Very Light to Light                        |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | NIL  | NIL  | NIL  | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | NIL  |
| SONBHADRA/<br>सोनभद्र                | Distribution | Most Places                                | Most Places                                | Most Places                                | Most Places                                | Most Places                                |
|                                      | Intensity    | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   | Moderate                                   |
|                                      | Probability  | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                | Very Likely                                |
|                                      | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN |
|                                      | Distribution | Scattered Places                           | Scattered Places                           | Many Places                                | Many Places                                | Scattered Places                           |

|                          |              |  |                            |                            |  |                            |
|--------------------------|--------------|--|----------------------------|----------------------------|--|----------------------------|
| SULTANPUR/<br>सुल्तानपुर | Intensity    | <i>Light to Moderate</i>                   | <i>Light to Moderate</i>   | <i>Moderate</i>            | <i>Moderate</i>                            | <i>Light to Moderate</i>   |
|                          | Probability  | <i>Very Likely</i>                         | <i>Very Likely</i>         | <i>Very Likely</i>         | <i>Very Likely</i>                         | <i>Very Likely</i>         |
|                          | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | NIL                        | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING |
| UNNAO/ उन्नाव            | Distribution | <i>Scattered Places</i>                    | <i>Scattered Places</i>    | <i>Scattered Places</i>    | <i>Scattered Places</i>                    | <i>Many Places</i>         |
|                          | Intensity    | <i>Light to Moderate</i>                   | <i>Light to Moderate</i>   | <i>Light to Moderate</i>   | <i>Light to Moderate</i>                   | <i>Moderate</i>            |
|                          | Probability  | <i>Very Likely</i>                         | <i>Very Likely</i>         | <i>Very Likely</i>         | <i>Very Likely</i>                         | <i>Very Likely</i>         |
|                          | Warning      | THUNDERSTORM/LI<br>GHTNING                 | NIL                        | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING                 | THUNDERSTORM/LI<br>GHTNING |
| VARANASI/<br>वाराणसी     | Distribution | <i>Many Places</i>                         | <i>Most Places</i>         | <i>Most Places</i>         | <i>Most Places</i>                         | <i>Many Places</i>         |
|                          | Intensity    | <i>Moderate</i>                            | <i>Moderate</i>            | <i>Moderate</i>            | <i>Moderate</i>                            | <i>Moderate</i>            |
|                          | Probability  | <i>Very Likely</i>                         | <i>Very Likely</i>         | <i>Very Likely</i>         | <i>Very Likely</i>                         | <i>Very Likely</i>         |
|                          | Warning      | THUNDERSTORM/LI<br>GHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/LI<br>GHTNING | THUNDERSTORM/L<br>IGHTNING, HEAVY-<br>RAIN | THUNDERSTORM/LI<br>GHTNING |





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Agricultural impact Based Forecast

| Heavy Rain            |  |  |  |
|-----------------------|--|--|--|
| Crop                  | Stage  | Effects on crop  | Advisory   |
| Sugarcane             | Tillering to canopy development (Vegetative stage)           | Heavy rains cause water-logging, which stunts the growth of crops.   | Drain out excessive rain water from standing crops. Postpone the work of irrigation.   |
| Kharif Maize          | Emergence to knee height                                     | Due to heavy rains and water logging in the fields, standing crops fall down. Due to which the crops get damaged/destroyed.                | Drain out excessive rain water from standing crops. Arrange for drainage facility and avoid sowing during spells of heavy rainfall. Maintain moisture in the fields. |
| Paddy/Rice            | Transplanting  | Nursery gets damaged due to water logging/planted crops get damaged. This causes a lot of loss.  | Drain out excessive rain water from standing crops. Avoid transplanting of paddy nursery during spells of heavy rainfall.  |
| Pigeon pea            | Sowing   | Poor germination/setting due to water logging  | Drain out excessive rain water from standing crops. Arrange for drainage facility and avoid sowing during spells of heavy rainfall. Maintain moisture in the fields. |
| Groundnut             | Sowing   | Poor germination/setting due to water logging  | Drain out excessive rain water from standing crops. Arrange for drainage facility and avoid sowing during spells of heavy rainfall. Maintain moisture in the fields. |
| Sesame                | Sowing   | Poor germination/setting due to water logging  | Drain out excessive rain water from standing crops. Arrange for drainage facility and avoid sowing during spells of heavy rainfall. Maintain moisture in the fields. |
| Vegetables crops      | Sowing/Emergence/Vegetative / Flowering /Fruiting/Harvesting | Due to heavy rains and waterlogging crop rot/get damaged/dry up, causing considerable loss to the crops.                                   | postpone of irrigation work during on heavy rains. Drain out excess rainwater from standing crops.   |
| Mango /Banana /Papaya | Fruiting/Harvesting  | Due to heavy rains and waterlogging, plants in banana and papaya orchards fall and get damaged/dried up, which greatly affects production. | Postpone the work of irrigation during heavy rains. Make proper arrangements to drain out excess rainwater from banana and papaya orchards.                          |



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**Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ**



**PART-II**

**AMFU/DISTRICT WISE AGRO-METEOROLOGICAL ADVISORIES**

**ISSUED ON: - 01.07.2025**

**BULLETIN NO. 52/25**

| <b>Crops</b>      | <b>Crops, (Stage)</b>        | <b>NODAL OFFICER PRAYAGRAJ: - Districts: Fatehpur, Pratapgarh, Prayagraj, Chitrakoot and Kausambi.</b>  |
|-------------------|------------------------------|---|
| <b>Kharif</b>     | <b>Rice</b>                  | Sow the nursery or opt for direct seeding of improved short-duration paddy varieties (110 to 125 days) such as C.O.-51, Narendra-80, I.R.-50, Narendra97, Pant Dhan-12, Barani Deep, Shushk Samrat, Narendra Lalmati, Malviya Dhan-2, Malviya Dhan-917, and SHUATS Dhan-5. Transplant the ready paddy seedlings on a priority basis when adequate moisture is available. Farmer brothers can also carry out direct sowing of short-duration paddy varieties using a drum seeder (in a well-prepared field) or a seed drill (for dry sowing). For paddy transplantation using the SRI (System of Rice Intensification) method, seedlings raised in just 1000 square feet of nursery area are sufficient for 1 hectare of land. The nursery beds should be 4–5 inches high. For SRI, sow seeds in the nursery at the rate of 6 kg per hectare. As far as possible, use organic manure in the SRI nursery, and transplant 8–12-day-old seedlings for best results. Before transplanting the seedlings from the nursery sown at the end of May, treat the roots of the paddy plants with Trichoderma and then proceed with the transplantation. |
|                   | <b>Pigeon Pea</b>            | Sow improved late-maturing varieties of pigeon pea (arhar) such as Narendra Arhar-2, Malviya Chamatkar, Rajendra Arhar-2, Malviya Vikas, Pusa-9, Azad, Narendra Arhar-1, Amar, Bahar, I.P.A.-206, Pusa Arhar-151, and I.P.A.-15-2 on the field bunds (medhon par).  |
|                   | <b>Maize</b>                 | Complete the sowing of early-maturing hybrid maize varieties such as JH3459, Prakash, Pusa Hybrid Maize-5, Vivek Hybrid Maize-27, MMH-113, X1123 G (3342) and composite varieties like Azad Uttam, Pragati, Gaurav, Kanchan, Surya, and SHUATS Maize-2.   |
|                   | <b>Sesame (Gingelly/Til)</b> | Sow the improved varieties of sesame such as Gujarat Til-6, RT-346, RT-351, Tarun, Pragati, Shekhar, T-78, T-13, T-12, and T-4  |
| <b>Zaid crop</b>  | <b>Black Gram</b>            | As soon as yellow mosaic disease appears in the urad (black gram) or moong (green gram) crop, carefully uproot and destroy (by burning or burying) the affected plants. If 5 to 10 whiteflies are seen per plant, spray the crop with Oxydemeton-methyl 25% EC or Imidacloprid at 0.5 grams per liter or Dimethoate 30 EC at the rate of 1 liter per hectare, mixed with 600–800 liters of water in clear weather.  |
| <b>Sugarcane</b>  | <b>General</b>               | To prevent sugarcane from lodging (falling over) and to stop the growth of unwanted shoots (tillers), if earthing up has not yet been done around the sugarcane roots, then do so as soon as favorable weather conditions prevail   |
| <b>Groundnut</b>  | <b>General</b>               | In view of possibility of rain in coming days, postpone irrigation work. First irrigation should be done after complete germination and weeding should be done after 15 to 20 days of sowing in clear weather. In case of sulfur and boron deficiency in groundnut crops, spray a solution of 0.5% zinc sulfate and 0.3% borax.   |
| <b>Vegetables</b> | <b>Cauliflower</b>           | Prepare the nursery for early varieties of cauliflower such as Early Kuwari, Pusa Early Synthetic, Pant Gobhi-3, Pusa Deepali, etc., using 500 to 600 grams of seed per hectare.  |
| <b>Fruits</b>     | <b>Mango</b>                 | To protect mango and guava from fruit flies, hang Methyl Eugenol and CueLure traps on branches at a height of 6 to 8 feet, using 8–10 traps per hectare. Additionally, spray a solution of 5% neem extract mixed in water at 10–15 day intervals. The lure should be replaced every 20–25 days to maintain effectiveness.   |
|                   | <b>Banana</b>                | To fill the pits dug in the month of May for planting of fruit orchards, mix rotten cow dung in the top half of the soil and fill it up to 15 to 20 centimeters above the ground surface  |
| <b>Livestock</b>  | <b>Buffalo</b>               | Under the National Animal Disease Control Programme, vaccination against Haemorrhagic Septicaemia (Galaghotu disease) is being carried out free of cost by vaccination workers through all veterinary hospitals in each district. Farmers and livestock owners can avail the benefits of this service by contacting their District Chief Veterinary Officer or the nearest veterinary officer.  |



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ISSUED ON: - 01.07.2025

BULLETIN NO. 52/25

| Crops      | Crops, (Stage)                 | <b>NODAL OFFICER BAHRAICH:</b> Districts: Baharaich, Shrawasti, Balrampur, Gonda, Kushinagar, Siddharthnagar and Maharajganj.  |
|------------|--------------------------------|--|
| Zaid       | Black Gram / Green Gram        | Monitor pests and diseases in moong and urad regularly. Yellow mosaic virus is a devastating disease in these crops which is transmitted by white fly (a sucking insect). Its initial symptoms appear in the form of yellow spots on the leaves, later the leaves and pods turn completely yellow. Tissue decay is also seen on these leaves. Fruiting is greatly affected. For treatment, uproot and destroy the diseased plants at the very beginning and spray a solution of Imidacloprid 17.8 SL/0.3 ml per liter of water.  |
| Kharif     | Rice (Nursery/Seedling)        | Farmers who have ready paddy seedlings should plant them in low and medium soil taking advantage of the rain. Farmers in areas where there is less rainfall and there is irrigation facility available should always use fertilizers on the basis of soil testing while planting paddy. If soil testing has not been done then for medium and long duration varieties, use 30 kg nitrogen, 60 kg phosphorus and 30 kg potash along with 25 kg zinc sulphate or 15 kg chelated zinc per hectare.  |
|            | Pigeon Pea (Sowing)            | Prepare high land for sowing pigeon pea. At the time of sowing in upper land, use 20 kg nitrogen, 45 kg phosphorus, 20 kg potash and 20 kg sulphur per hectare. Pusa 9, Narendra Arhar 1, Malviya-13, Rajendra Arhar-1 etc. varieties are recommended for sowing. Keep the seed rate at 18-20 kg per hectare. 24 hours before sowing, treat the seeds with 2.5 grams of Thiram medicine per kg of seed. Just before sowing, the treated seeds should be treated with proper Rhizobium culture and then sown.   |
|            | Rice (Nursery Bed Preparation) | Farmer is advised to do work of setting up paddy nursery. 10th June is the suitable time for nursery ploughing of long duration paddy. 10 to 25 June is the favourable time for nursery sowing of medium duration paddy. Those farmers who want to do direct sowing of paddy, they can do sowing of long duration paddy variety in the next week, for this there should be proper arrangement of irrigation. Nursery of short duration paddy variety and fragrant paddy variety is recommended for sowing from 20th June to 10th July. Fragrant varieties lose their fragrance by the first drop of nursery. |
| Sugarcane  | General                        | At this time, there is a risk of top shoot borer disease in sugarcane crops. This disease can reduce yield by 2 to 22.5%, and in severe cases, up to 80%. It can also reduce sugar content by 11.8 to 65%, leading to significant economic losses for farmers and sugar mills. Infected plants show curling and drooping of the top leaves, decay of the growing point, and stunted growth. If symptoms appear, spray a solution of Carbendazim 0.1% (1 gram per liter of water) three times at 15-day intervals.  |
| Vegetables | Ladyfinger (Fruit Formation)   | Apply top-dressing of nitrogen in fruiting vegetables like okra (ladyfinger) and sponge gourd in clear weather. For pest control, spray Malathion at the rate of 2 ml per liter of water, twice at an interval of 7-10 days after harvesting the fruits. In vine crops, if powdery mildew is observed, apply Kerathane at the rate of 1.5 grams per liter of water or dust 25 kilograms of sulfur powder per hectare.  |
|            | Brinjal                        | Installation of bird perches in tomato, brinjal crops is advised to control fruit borer insect. Hand picking of damaged fruit and burying are advised. Installation of pheromone trap @ 2-3 traps per acre of crop field is advised for monitoring the fruit borer. If pest population is high, spraying of Bt. 1.0 gram/litre of water is advised. After 15 days, if pest population is more than ETL, farmers are advised to spray Spinosad 48 EC @ 1 ml. /4 litres of water in morning or evening time.   |
| Live stock | Cow                            | Make sure to vaccinate the disease and mouth disease (FMD) in cattle. This vaccination is being installed by the Department of Pushupal Husbandry by visiting the door of free farmers.  |



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ISSUED ON: - 01.07.2025

BULLETIN NO. 52/25

| Crops      | Crops (Stage)                        | <b><u>NODAL OFFICER BHARARI:</u></b> Districts: Jalaun, Jhansi, Lalitpur, Mahoba, Banda and Hamirpur.  |
|------------|--------------------------------------|--|
| Kharif     | Rice (Nursery/ seedling)             | This is the suitable time for sowing of paddy in nursery, farmers are advised to used suitable high yielding variety of crops.   |
|            | Sesame (Sowing)                      | Farmers are advised to sowing should be start of kharif season crops after monsoon rains – Sesame variety – RT-346, RT- 351, Jawahar til 12, 14, TKG 308, Pragati, Black gram variety – PDU1, PU 10-23, Pant urd 31, Green gram Variety – IPM 205-7, Shikha, IPM 2014-9, IPM 302-2 and Pigeon pea variety – Narendra 1, 3, IPA 15-2, IPA 203, IPA 206 etc  |
|            | Barnyard Millet (Sowing)             | Farmers are advised to sowing should be start of millets after pre-monsoon rains at sufficient moisture condition.   |
| Zaid crops | Black Gram & Green gram (Harvesting) | Harvesting should be done as early as possible of green gram and black gram crop of zaid season. Keep the harvested crop in safe place.  |
| Vegetable  | Brinjal (Fruit Maturity)             | Pick up mature fruits on standing crop. Spray 2% Neem oil solution against Fruit borer and white fly insect.   |
|            | Okra/ Ladyfinger                     | Pheromone trap should be used @ 3-4 per acre to control of fruit borer in vegetables of summer season. Neem-based azedirectin bio-pesticide @ 5-7 ml per liter of water or neem kernel solution should be sprayed 4% (40 g powder of neem kernel powder in 1 liter of water) at 10 days interval to control pests like hairy caterpillars, aphids and beetles in vegetable crops.  |
|            | Bottle gourd                         | Sowing should be completed as soon as possible of summer season vegetables such as bottle gourd, pumpkin, tomato, brinjal, chilli cucumber, water melon, musk melon etc. Pheromone trap should be used @ 3-4 per acre to control of fruit borer in vegetables of summer season. Spray of neem-based azedirectin bio-pesticide @ 5-7 ml per liter of water or neem kernel solution should be spraying 4% (40 g powder of neem kernel powder in 1 liter of water) at 10 days interval to control pests like hairy caterpillars, aphids and beetles in vegetable crops. |
| Fruits     | Lemon (Fruit Maturity)               | Micro elements should be sprayed in lemon trees. 100 mg of gibberellic acid per 10 litres of water should be used to prevent the fruit cracking of lemon. 50% carbaryl powder is broadcasted to prevent the butterfly in lemon trees.  |
|            | Aonla (Transplanting)                | This is the suitable time for establishment of new orchards of Mango, Guava, Litchi, Aonla, Jackfruit, Lemon, Jamun, Ber, Banana, Papaya etc.  |
|            | Mango (Fruit formation)              | To prevent the fruit dropping of mango, naphthalene acetic acid (NAA) with 20 ppm solution per liter of water is sprayed. During this month must irrigate the fruit orchards. This leads to an increase in production.   |
| Live stock | Cow                                  | As per weather forecast, Farmers are advised to 50-60 grams of mineral mixture should be used on daily basis to prevent from obstetric fever and increase immunity in animals. Regular feeding of 1 kg feed + 50 g mineral mixture per 2 litres of milk yield of each animal. Animals must be feeded 50- 60 grams of salt per day mixed with water   |



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**ISSUED ON: - 01.07.2025**

**BULLETIN NO. 52/25**

| Crops             | Crops, (Stage)                      | <b>NODAL OFFICER (AYODHYA):</b> Districts: Barabanki, Sultanpur, Amethi, Ayodhya, Basti, Raebareli, Ambedkarnagar, Sant Kabirnagar, Gorakhpur, Deoria, and Ballia.  |
|-------------------|-------------------------------------|---|
| <b>Zaid</b>       | <b>Black Gram</b>                   | Keep an eye on thrips in moong/urad. For control, use protective organic insecticide Neem Oil 0.15% EC before first irrigation. Dissolve 2.5 liters of this mixture in 200 to 300 liters of water and spray.  |
|                   | <b>Peanuts</b>                      | Postpone irrigation in view of rainfall in coming days. After sowing of summer peanuts, do the first irrigation deposition and weeding 15 to 20 days after sowing in clear weather.   |
|                   | <b>Green gram</b>                   | As soon as the yellow mosaic disease appears in the urad/moong crop, carefully uproot the affected plants and destroy them (burn/bury them). When 5 to 10 adult flies (white flies) are seen per peach, spray Oxydemeton-methyl 25% EC or Imidacloprid 0.5 gram per liter or Dimethoate 30 EC 1 liter per hectare by mixing it in 600-800 liters of water in clear weather. |
| <b>Kharif</b>     | <b>Paddy (Sowing)</b>               | Pick up nursery of short duration (110 to 125 days) improved varieties of paddy like CO-51, Narendra-80, IR-50, Narendra-97, Pant Dhan-12, Barani Deep, Sukh Samrat, Narendra Lalmati, Malviya Dhan-2, Malviya Dhan-917, Shiats Dhan-5or do direct sowing.  |
| <b>Sugarcane</b>  | <b>Elongation</b>                   | Maintain moisture by irrigating sugarcane as per requirement and do hoeing for weed control. If there are sufficient shoots in autumn sugarcane, cover it with soil to prevent unwanted shoots from coming out. After irrigation in spring sugarcane, do top dressing at the rate of 50 kg urea per acre and do hoeing.   |
| <b>Vegetables</b> | <b>Chilli</b>                       | For prevention of leaf curl and mosaic virus in chilli, spray 1.0 ml of Imidacloprid 30.5% SC dissolved in one litre of water at an interval of 10-12 days and uproot the diseased plants and burn them or bury them in the soil.   |
|                   | <b>Ladyfinger (Fruit formation)</b> | For prevention of yellow vein mosaic insect in bhindi, uproot the affected plants and burn them or bury them in the soil and apply 8 to 10 blue sticky traps per hectare. For its chemical treatment, spray 1.0 ml of Imidacloprid 30.5 percent SC by dissolving it in one litre of water   |
|                   | <b>Pumpkin (Flowering)</b>          | In cucurbitaceous crops, if green hopper insects are seen in the number of 10 per hill, then after plucking the fruit, spray 1.0 ml of Imidacloprid 30.5% SC on the crop, while for controlling stem and fruit borer insects, spray 1.0 ml of Palubendimide 39.35% SC dissolved in one litre of water.  |
|                   | <b>Bottle Gourd</b>                 | Present temperature is suitable for germination of french bean, vegetable lobia, amaranthus, lady's finger, bottle gourd, cucumber, ridge gourd, sponge gourd and summer radish. Procurement of seeds should be done from a certified source. Farmers are advised to ensure proper moisture before sowing for optimum germination.  |
|                   | <b>Turmeric</b>                     | Complete the sowing of turmeric seeds in the month of June  |
| <b>Fruits</b>     | <b>Guava (Flower Initiation)</b>    | To protect mango and guava from fruit flies, install 8-10 Kulture traps containing methyl eugenol per hectare and spray Neem extract 50 ml per liter of water at an interval of 10-15 days.   |
|                   | <b>Mango</b>                        | In the current season, for the prevention of internal tissue decay in mango fruits, make the first ingredient sprayed by making boorax 6-8 grams/ liter of water solution. Maintain moisture in mango orchards by irrigating them at fixed intervals.   |
| <b>Live stock</b> | <b>Buffalo/ Cow</b>                 | Give sufficient quantity of grains to the animals with green and dry fodder. Animals must be given fresh and fresh water 3-4 times a day. Keep the animals in a clean place. Do not feed withered green fodder (especially jowar) to animals because it may have excess of HCN (poisonous element) which may make them sick.  |



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**Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ**



ISSUED ON: - 01.07.2025

BULLETIN NO. 52/25

| Crops               | Crops (Stage)                | <b><u>NODAL OFFICER KANPUR:</u></b> Districts: Kannauj, Hathras, Mathura, Agra, Etah, Mainpuri, Firozabad, Etawah, Auraiya, Kanpur-Rural, Kanpur-Urban, Unnao, Lucknow, Sitapur, Hardoi, Kheri and Kanshiram Nagar.  |
|---------------------|------------------------------|--|
| Kharif              | <b>Maize (Sowing)</b>        | Make proper arrangements for drainage of excess rain water. Sowing should be done in case of no rain. In the maize crop sown on time, first weeding should be done after 15-20 days. Sow the recommended hybrid varieties of Kharif maize- D-7074, D-9144, M-2525, Ganga, Azad Shekhar Maize-1, Azad Shekhar Maize-2, Azad Uttam and Azad Kamal etc.   |
|                     | <b>Rice (Transplanting)</b>  | Make proper arrangements for the drainage of excess rainwater from the paddy nursery. In case of excessive rainfall, postpone the transplanting work. Prepare the field for transplanting paddy saplings and transplant 22-25 days old paddy saplings. Strengthen the bunds of the fields for transplanting paddy saplings. So that rainwater remains in the fields. For control of broad and narrow leaf weeds in paddy crop, anilophos 30% EC is applied within 2-3 days of transplanting. Or prittlechlor at the rate of 1.25 liters / ha and make a solution in 500 -600 liters of water and spray 2-3 inches of water. If Khaira disease is visible in paddy, then spraying 20-25 kg zinc sulphate and 2.5 kg lime in 800 liters of water is sprayed for its control. |
|                     | <b>Sesame (Sowing)</b>       | In view of the possibility of rain, farmers should postpone sowing. Sowing of any one of the recommended varieties of sesame crop - Type-4, 12, 13, Type-78, Shekhar, Pragati, Tarun, RT-351 and RT-346 etc. should be done when the sky is clear.   |
|                     | <b>Groundnut (Sowing)</b>    | In view of the possibility of rain, farmers should postpone sowing. Sow the recommended hybrid varieties of Kharif Groundnut - Chitra, Kaushal, Prakash, Amber, Utkarsh, Divya, Kaushal-bunch variety - Chandra, TA-28, 64 M-13 etc. and for sowing peanuts, sow at the rate of 70-80 kg / hectare when the sky is clear.  |
| <b>Sugarcane</b>    | <b>Vegetative</b>            | In view of the possibility of rain, postpone irrigation work. For controlling top borer pest, destroy the affected young plant by cutting it from the ground level. If severe infestation is seen, then for its control, spray 150-200 ml of Chlorantraniliprole 18.5 S.C. Dissolve the pesticide in 400-500 liters of water and spray it per acre and irrigate.   |
| <b>Vegetables</b>   | <b>Cauliflower</b>           | This is the suitable time for nursery of vegetables sown in Kharif like brinjal, chili, early cauliflower and sowing of ladyfinger, cowpea, pumpkin, bottle gourd, ridge gourd, bitter gourd, cucumber etc. For controlling stem/fruit/leaf borer insects in vegetable crops, mix 1.5-2.0 ml of Neem oil in/liter of water and spray 3-4 times at an interval of 8-10 days. For controlling green hopper and white fly insects in cucurbitaceous crops, spray 1.0 ml of Imidacloprid 30.5 percent by dissolving the chemical in one litre of water and to protect from fruit fly, use Q Lure pheromone trap at the rate of 8-10 traps per hectare  |
| <b>Horticulture</b> | <b>Mango (Transplanting)</b> | For filling the pits dug in the month of May for planting fruit orchards, mix rotten manure of cow dung in the upper half of the soil and fill it up to 15 to 20 cm above the ground level. To protect mango and guava from fruit flies, hang 8-10 traps per hectare using methyl eugenol and Q lure traps tied to branches at a height of 6 to 8 feet. Spray 5% neem extract dissolved in one litre of water at an interval of 10 to 15 days. Change the lure at an interval of 20-25 days.   |
| <b>Live stock</b>   | <b>Buffalo</b>               | Farmers are advised to spray lime in the cattle shed to prevent external parasites. Do not tie animals in open spaces/under trees during rains. Tie animals in the open only when the sky is clear at night. Tie animals in a shady place during the day. Vaccinate animals with FMD vaccine to prevent foot and mouth disease and VQ vaccine to prevent dengue fever. Give sufficient amount of grains to animals along with green and dry fodder. Make sure to give clean and fresh water to animals 3-4 times a day. Do not tie pregnant animals at a sloping place. This is the right time to give deworming medicine to animals to prevent stomach worms.   |



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**Meteorological Centre Lucknow/मौसम केन्द्र लखनऊ**



**ISSUED ON: - 01.07.2025**

**BULLETIN NO. 52/25**

|                   |                                  |   |
|-------------------|----------------------------------|---|
| <b>Crops</b>      | <b>Crops (Stage)</b>             | <b>NODAL OFFICER MODIPURAM:</b> Districts: Meerut, Pilibhit, Saharanpur, Muzaffarnagar, Baghpat, Ghaziabad, Gautam budhnagar, Aligarh, Bulandshahar, Moradabad, Jyotiba phule Nagar, Bijnore, Badaun, Bareilly, Rampur, Shahjahanpur, Farrukhabad, Shamali, Sambhal and Hapur   |
| <b>Kharif</b>     | <b>Rice (Nursery/ seedling)</b>  | For nursery of Basmati rice arrange major variety like Pusa Basmati 1509,1602, 1847, 1885, 1121, 1718. Nursery of late maturing species of paddy can be sown in this week. For preparing plants 1.25 meter wide and 8 meter long beds can be made. And use 225 grams of urea and 500 grams of single super phosphate and 500 grams of zinc sulphate per bed (10 square meters). And it is necessary to treat every kilogram of seeds with 4 grams of trichoderma or 3 grams of thiram or 2 grams of carbendazim. The seed rate of 30 kg per hectare of fine varieties of paddy, 40 kg of seed will be sufficient for medium to 35 kg of coarse paddy. Maintain proper amount of water in paddy nursery.   |
|                   | <b>Pigeon Pea</b>                | Make proper arrangements for drainage of water in pigeonpea crop.   |
| <b>Zaid</b>       | <b>Maize</b>                     | Zaid maize crop requires 5-6 irrigations, hence irrigate as per requirement at an interval of 10-12 days and do weeding for weed control  |
|                   | <b>Black Gram</b>                | Keep an eye on the pods for chips. Spray protective organic insecticide Neem oil before the first irrigation for control.   |
|                   | <b>Fodder Maize</b>              | In order to provide fodder in summer, this is a good time for sowing maize cowpea and some special varieties of fodder sorghum. Mixing maize and cowpea is both good. Ganga-2, Vijayand African Tall and Russian Jointof Maize variety for green fodder, for Lobia, U.P.C.-5286 species.  |
| <b>Sugarcane</b>  | <b>General</b>                   | Pluck and destroy the leaves infested with eggs from the fields affected by the top borer and also remove the plants affected by the shoot borer. To protect sugarcane from early shoot borer and top borer pests, use pheromone trap, light trap and Trico card. At this time the sugarcane plant appears yellow due to black bug and army worm, which is caused by sucking the crop juice and eating the leaves by the insect present in the sugarcane's shoot. Therefore, to prevent this, spray (Cypermethylene4%+ propanophas40%) insecticide 400ml/acre with NPK on the affected crop. Do interculture operation from time to time in Sugarcane field. Drenching chlorantranilprole 18.5% 150 mL / 400 liters of water per acre or Carbofurane 3G 12kg/acre for top borer. To save from red rot, throw the plant. Precaution measures for Pokka Boeing and smut Spray 500 gm of Copperoxycloiride @ .2% + in 250 liters of water on the affected crop or Spray 500 gm of THIOPHENATE METHYEL in 250 liters of water per acres . Spray again at an interval of 15-20 days in the case of severe disease. |
| <b>Vegetables</b> | <b>Brinjal (Fruit formation)</b> | Brinjal/Chillies: Pick up mature fruits on standing crop. Spray 2% neem oil solution to control of fruit borer and white fly insect.  |
|                   | <b>Bottle Gourd</b>              | Making scaffolding in bottle gourd vegetables. Provide proper drainage in all vegetables.   |
|                   | <b>Ladyfinger</b>                | This time is suitable for sowing of rainy lady's finger. The species of ladyfinger are prominent, Pusa Bhindi-5, Kashi Lalima, Kashi Vardan, Kashi Chaman, Utkal Gaurav etc. For one hectare area, 8 to 10 kg of seed is obtained for 60×30 meters. Use 40 kg nitrogen, 50 kg phosphorus, 50 kg potash at the time of sowing in okra crop.  |
|                   | <b>Pumpkin</b>                   | To protect against fruit fly, install Methyl Eugenol Cu-lure pheromone traps at a rate of 8–10 traps per hectare. For the control of green jassid and whitefly, spray Imidacloprid 30.5% SC @ 1.0 ml per liter of water. For stem and fruit borer, spray Flubendiamide 39.35% SC @ 1.0 ml per liter of water. Also, install Cu-lure pheromone traps (8–10 per hectare) to manage fruit flies effectively.   |
| <b>Fruits</b>     | <b>Mango</b>                     | Prevent mango fruits from falling, spray 2 percent urea solution on the tree. Mealybugs cause a lot of damage by sucking the juice of new buds, flowers and fruits. 700ml for control. Methyl Parathion 70 BC Sprinkle it in 700 liters of water and collect the insects that have fallen down or are climbing on the trees and burn them and keep the grass clean.   |
| <b>Live Stock</b> | <b>Buffalo</b>                   | Provide adequate amount of clean water to the animals. Bath the animals in the morning and evening before milking so that milk production in the animals is not adversely affected. To protect the animals from heat stroke, jute bags or sacks should be tied around the shed and water should be sprinkled  |



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ISSUED ON: - 01.07.2025

BULLETIN NO. 52/25

| Crops                       | Crops (Stage)                   | <b><u>NODAL OFFICER VARANASI (B.H.U.):</u></b> Districts: Varanasi, Azamgarh, Ghazipur, Chandauli, Sonbhadra, Mirzapur, SantRavidasnagar, Jaunpur and Mau  |
|-----------------------------|---------------------------------|--|
| Rice                        | Nursery                         | According to weather forecast, there is a chance of cloudy weather and there may be light to Moderate Rain in coming days. So, make proper arrangement of water in the field and transplanting should be done.   |
| Green Gram                  | Flowering, Fruiting, Picking    | According to weather forecast, there is a chance of cloudy weather and there may be light to Moderate Rain in coming days. So, undertake picking of fruits and use of green leaf and stalk for green manuring or as green fodder.  |
| Pigeon Pea (Red Gram/Arhar) | Flowering, Pod setting, Picking | As per weather forecast, there is a chance of cloudy weather and there may be light to moderate rains. So, undertake purchasing and sowing of certified seed of recommended high yielding varieties after treatment with Rhizobium and PSB culture. Ridge and furrow planing is beneficial by removing excess rain water under heavy rainfall condition. |
| Mango                       | Maturity                        | According to weather forecast, there is a chance of cloudy weather and there may be light to Moderate Rain in coming days. During daytime, wind speed will be above normal. Keep harvested crop in safe place.   |
| Sugarcane                   | Vegetative                      | According to weather forecast, there is a chance of cloudy weather and there may be light to Moderate Rain in coming days. During daytime, wind speed will be above normal. So, Undertake intercultural operations and weed management as per requirement.   |
| Vegetables                  | Bottle gourd (Harvesting)       | According to weather forecast, there is a chance of cloudy weather and there may be light to Moderate Rain in coming days. During daytime, wind speed will be above normal. So undertake pickning of fruits and sending to market for selling.   |
|                             | Okra/ lady finger (Harvesting)  | According to weather forecast, there is a chance of cloudy weather and there may be light to Moderate Rain in coming days. During daytime, wind speed will be above normal. So undertake pickning of fruits and sending to market for selling.   |
|                             | Watermelon (Harvesting)         | According to weather forecast, there is a chance of cloudy weather and there may be light to Moderate Rain in coming days. During daytime, wind speed will be above normal. So undertake pickning of fruits and sending to market for selling.   |
| Live Stocks                 | Cow/ Buffalo                    | As per weather forecast, there is a chance of cloudy weather. So, undertake vaccination as per schedule. Grazing / feeding may be done during morning / evening hours. Keep animals under shade / shed during noon hours and provide plenty of water for drinking.   |

\*Next bulletin will be issued on 04.07.2025.

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### LEGENDS

#### WARNING

|                        |
|------------------------|
| WARNING (TAKE ACTION)  |
| ALERT (BE PREPARED)    |
| WATCH (BE UPDATED)     |
| NO WARNING (NO ACTION) |

#### Probabilistic Forecast

| Terms       | Probability of Occurrence (%) |
|-------------|-------------------------------|
| Unlikely    | < 25                          |
| Likely      | 25 - 50                       |
| Very Likely | 50 - 75                       |
| Most Likely | > 75                          |



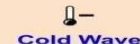
**Heavy:** 64.5 to 115.5 mm/cm \*  
**Very Heavy:** 115.6 to 204.4 mm/cm \*  
**Extremely Heavy:** > 204.4 mm/cm \*



**When maximum temperature of a station reaches  $\geq 40^\circ\text{C}$  for plains and  $\geq 30^\circ\text{C}$  for hilly regions**  
**(a) Based on Departure from normal**  
**Heat Wave:** Maximum Temperature Departure from normal  $4.5^\circ\text{C}$  to  $6.4^\circ\text{C}$ .  
**Severe Heat Wave:** Maximum Temperature Departure from normal  $\geq 6.5^\circ\text{C}$   
**(b). Based on Actual maximum temperature**  
**Heat Wave:** When actual maximum temperature  $\geq 45^\circ\text{C}$ .  
**Severe Heat Wave:** When actual maximum temperature  $\geq 47^\circ\text{C}$   
**(c). Criteria for heat wave for coastal stations**  
 When maximum temperature departure is  $> 4.5^\circ\text{C}$  from normal. Heat Wave may be described provided maximum temperature  $\geq 37^\circ\text{C}$



**When maximum temperature remains  $40^\circ\text{C}$**   
**Warm Night:** When minimum temperature departure  $4.5^\circ\text{C}$  to  $6.4^\circ\text{C}$ .  
**Severe Warm Night:** When minimum temperature departure  $> 6.4^\circ\text{C}$ .



**When minimum temperature of a station  $\leq 10^\circ\text{C}$  for plains and  $\leq 0^\circ\text{C}$  for hilly regions.**  
**(a). Based on departure**  
**Cold Wave:** Minimum Temperature Departure from normal  $-4.5^\circ\text{C}$  to  $-6.4^\circ\text{C}$ .  
**Severe Cold Wave:** Minimum Temperature Departure from normal  $\leq -6.5^\circ\text{C}$   
**(b) Based on actual Minimum Temperature (for Plains only)**  
**Cold Wave:** When Minimum Temperature is  $\leq 4.0^\circ\text{C}$   
**Severe Cold Wave:** When Minimum Temperature is  $\leq 2.0^\circ\text{C}$   
**(c) For Coastal Stations**  
 When Minimum Temperature departure is  $\leq -4.5^\circ\text{C}$  & actual Minimum Temperature is  $\leq 15^\circ\text{C}$



**When minimum temperature of a station  $\leq 10^\circ\text{C}$  for plains and  $\leq 0^\circ\text{C}$  for hilly regions**  
**Based on departure**  
**Cold Day:** Maximum Temperature Departure from normal  $-4.5^\circ\text{C}$  to  $-6.4^\circ\text{C}$ .  
**Severe Cold Day:** Maximum Temperature Departure from normal  $\leq -6.5^\circ\text{C}$



**Phenomenon of small droplets suspended in air and the horizontal visibility  $< 1\text{km}$**   
**Moderate Fog:** When the visibility between 500-200 metres  
**Dense Fog:** when the visibility between 50-200 metres  
**Very Dense Fog:** when the visibility  $< 50$  metres



**Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)**



**An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.**



**Ice deposits on ground**  
 Air temperature  $\leq 4^\circ\text{C}$  (over Plains)



**A strong wind that rises suddenly, lasts for atleast 1 minute.**  
**Moderate:** Wind speed 52-61 kmph  
**Severe:** Wind speed 62-87 kmph  
**Very Severe:** Wind speed  $> 87$  kmph



**Effect of various waves in the sea over specific area**  
**Rough to very rough:** Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre  
**High to very high:** Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre  
**Phenomenal:** Wind speed  $> 117$  kmph ( $> 63$  knots) & Wave height  $> 14$  metre



**Cyclonic Storm:** Wind speed 62-87 kmph (34-47 knots)  
**Severe Cyclonic Storm:** Wind speed 88-117 kmph (48-63 knots)  
**Very Severe Cyclonic Storm:** Wind speed 118-165 kmph (64 - 89 knots)  
**Extremely Severe Cyclonic Storm:** Wind speed 166-220 kmph (90 -119 knots)  
**Super Cyclone Storm:** Wind speed  $> 220$  kmph ( $> 119$  knots)

### For More Updates



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