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MONITORING OF PADDY RESIDUE BURNING IN NORTH CENTRAL INDIA USING SATELLITE REMOTE SENSING DURING KHARIF 2026

Prepared by:

**Consortium for Research on Agroecosystem
Monitoring and Modeling from Space (CREAMS) Lab**

Division of Agricultural Physics,

ICAR - Indian Agricultural Research Institute,

New Delhi – 110012



[mailto: iaricreams@gmail.com](mailto:iaricreams@gmail.com)

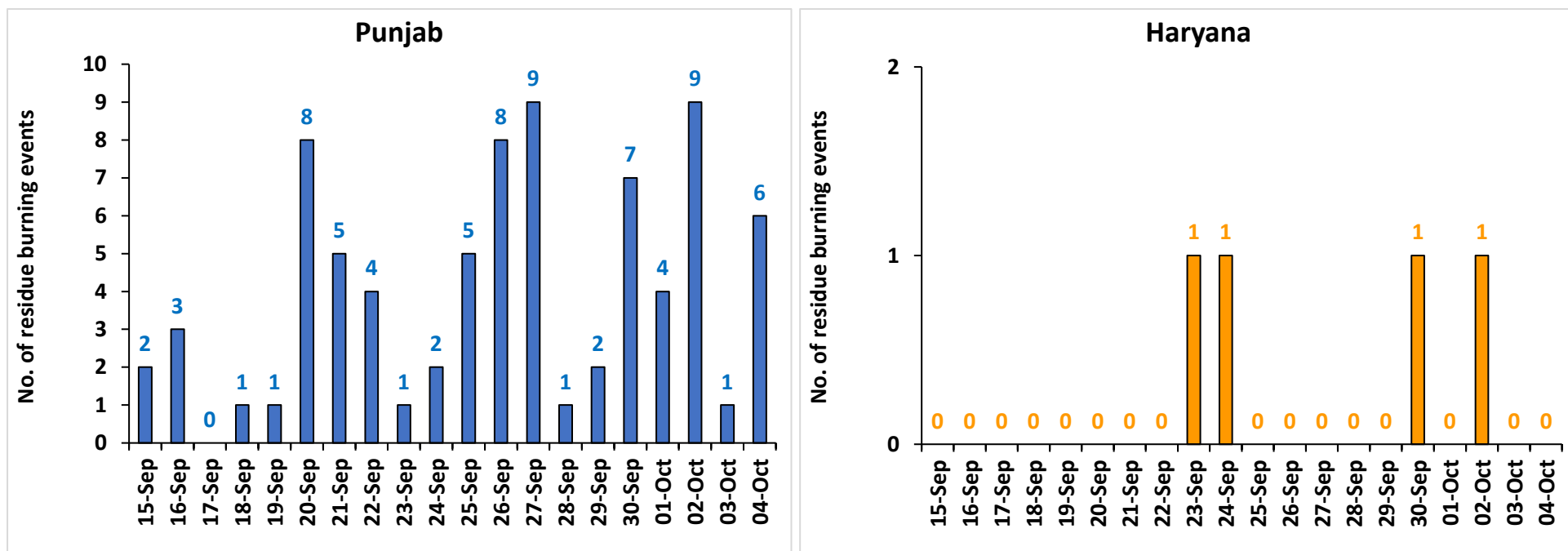


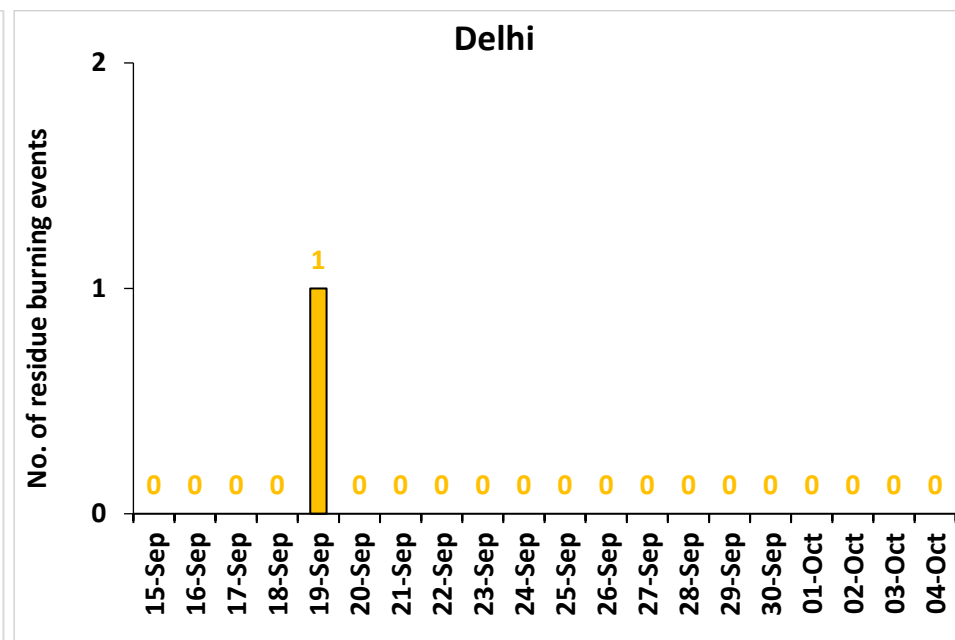
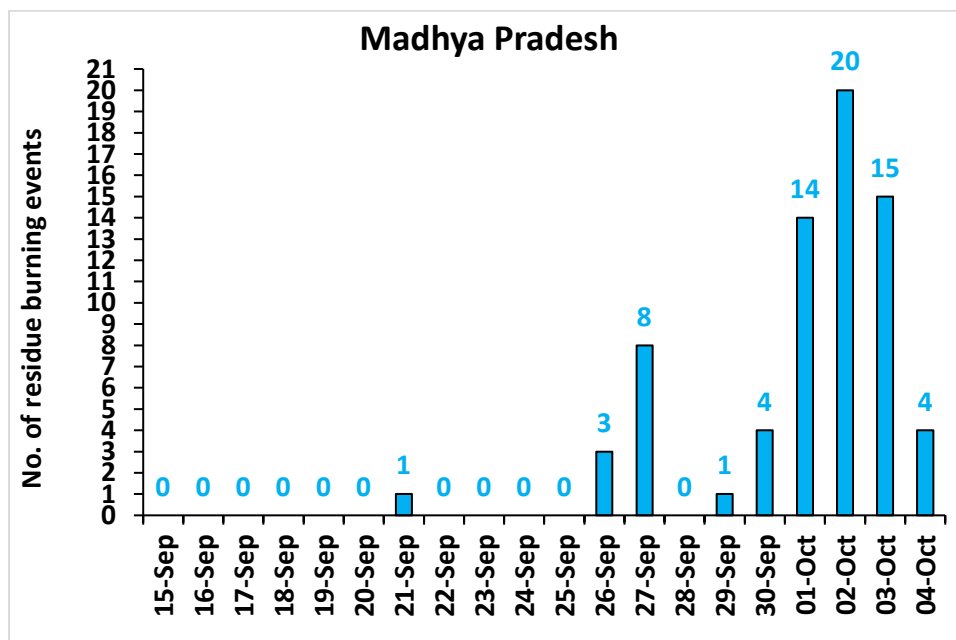
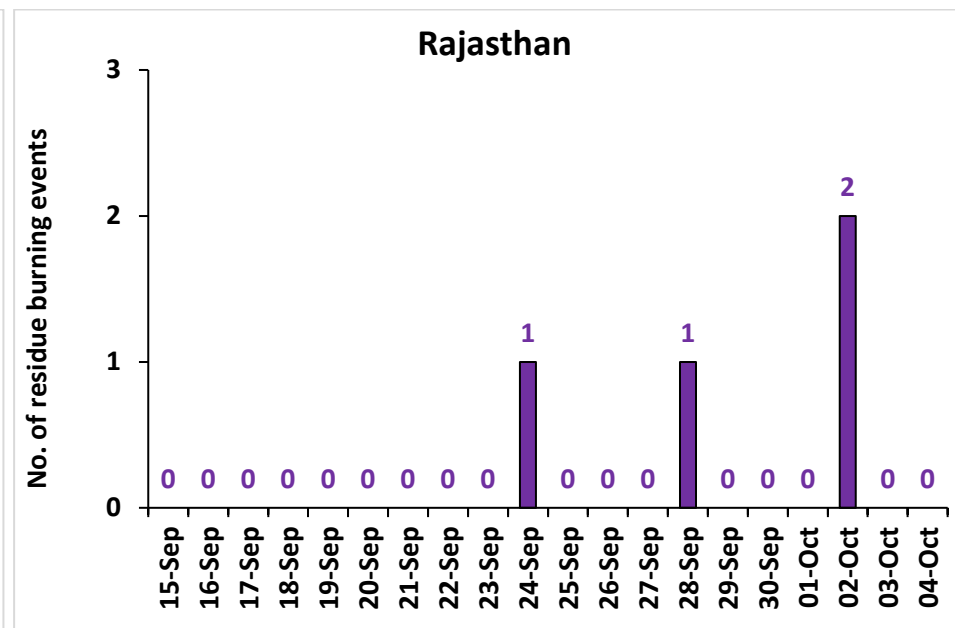
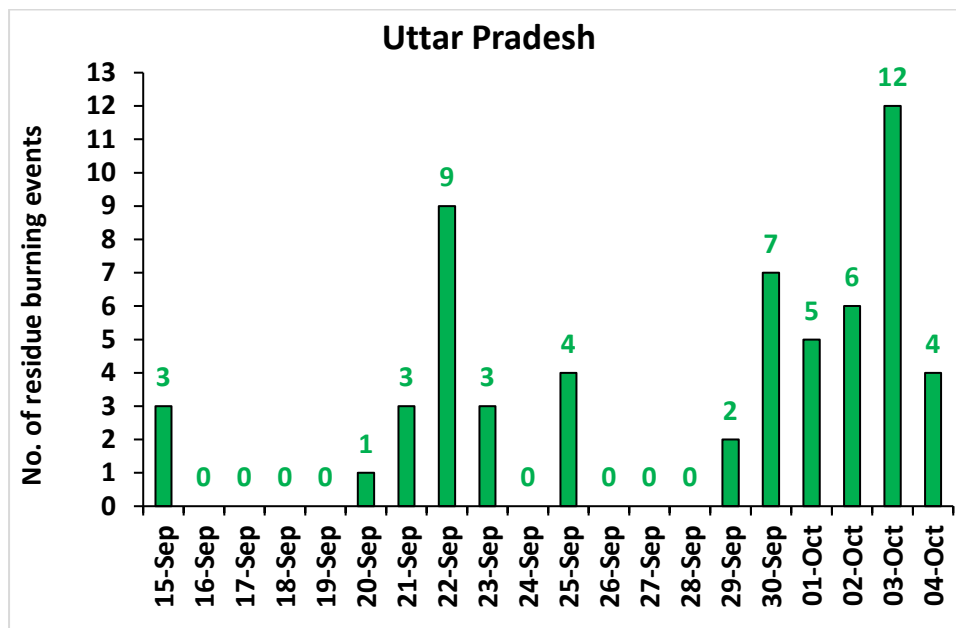
https://creams.iari.res.in/?page_id=1123

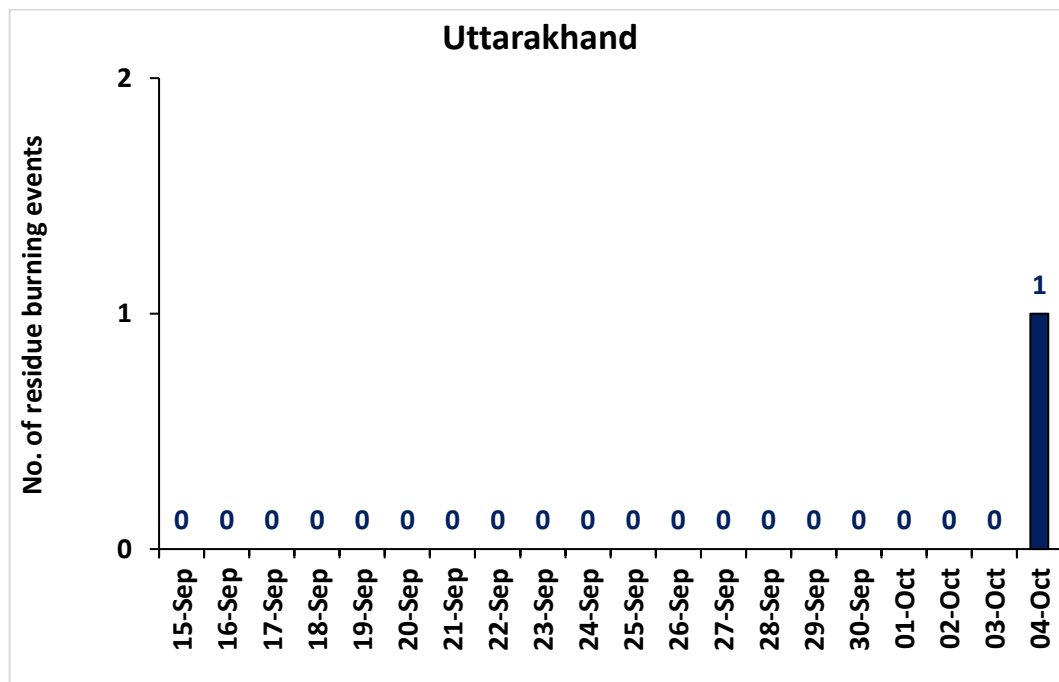
Highlights For 04-Oct-2026

- The active fire events due to paddy residue burning were monitored using satellite remote sensing, following the "Standard Protocol for Estimation of Crop Residue Burning Fire Events using Satellite Data".
- Satellites detected **15** residue burning events in the six study States on **04-Oct-2026**.
- The state wise events detected on **04-Oct-2026** were **06** in Punjab, **00** in Haryana, **04** in UP, **00** in Delhi, **00** in Rajasthan, **01** in UK and **04** in MP.
- Total **218** burning events were detected in the six states between **15-Sept-2026** and **04-Oct-2026**, which are distributed as **79, 04, 59, 01, 04, 01** and **70** in Punjab, Haryana, UP, Delhi, Rajasthan, UK and MP respectively.
- Detection of residue burning events was hampered by the presence of clouds over parts of Uttarakhand, showing that it is partly cloudy up in the high hills.

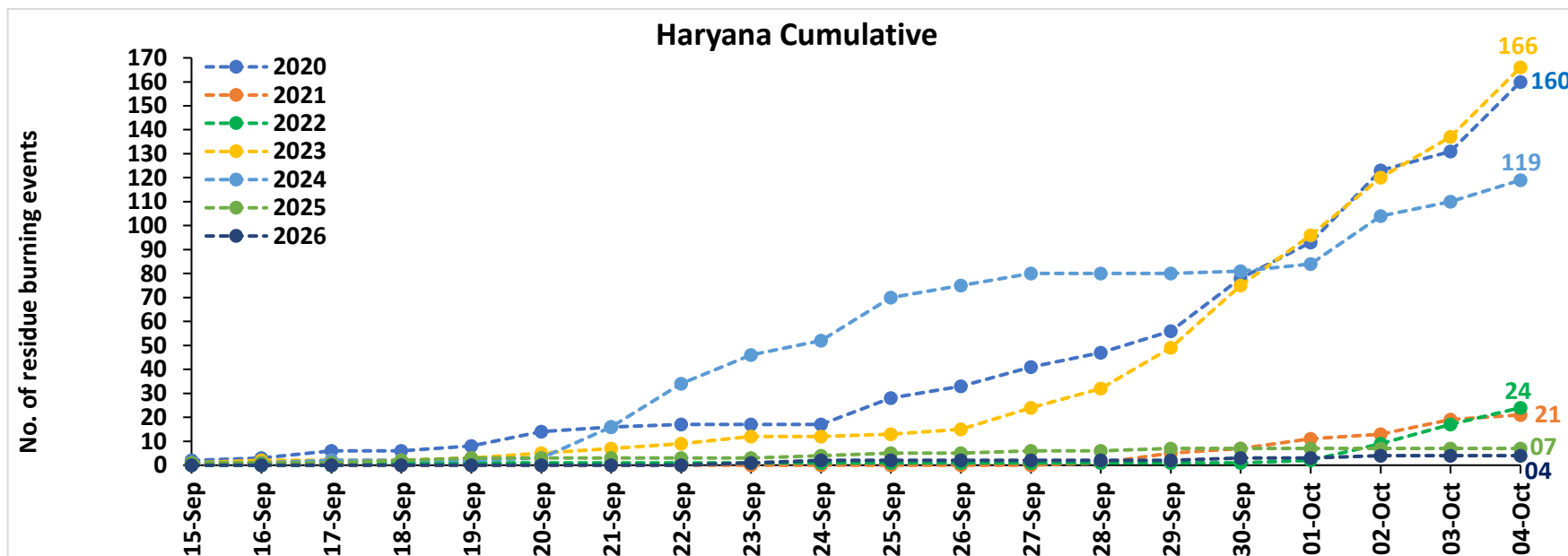
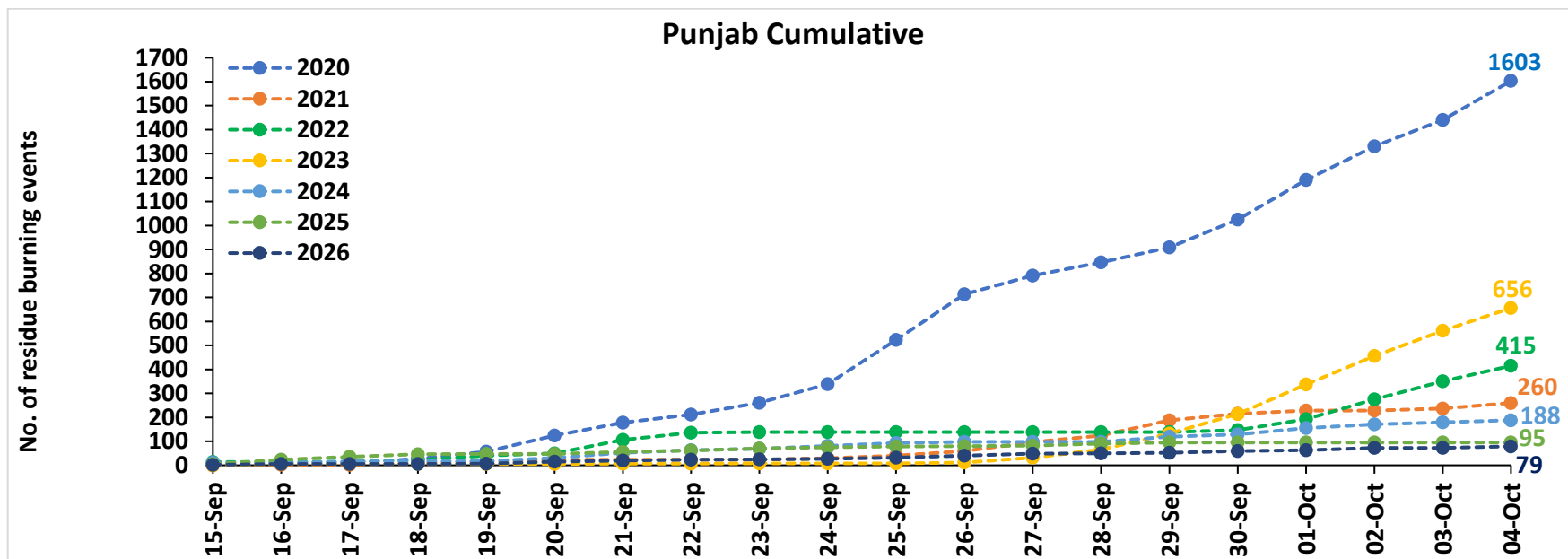
Temporal distribution of paddy residue burning events for the study States in 2026

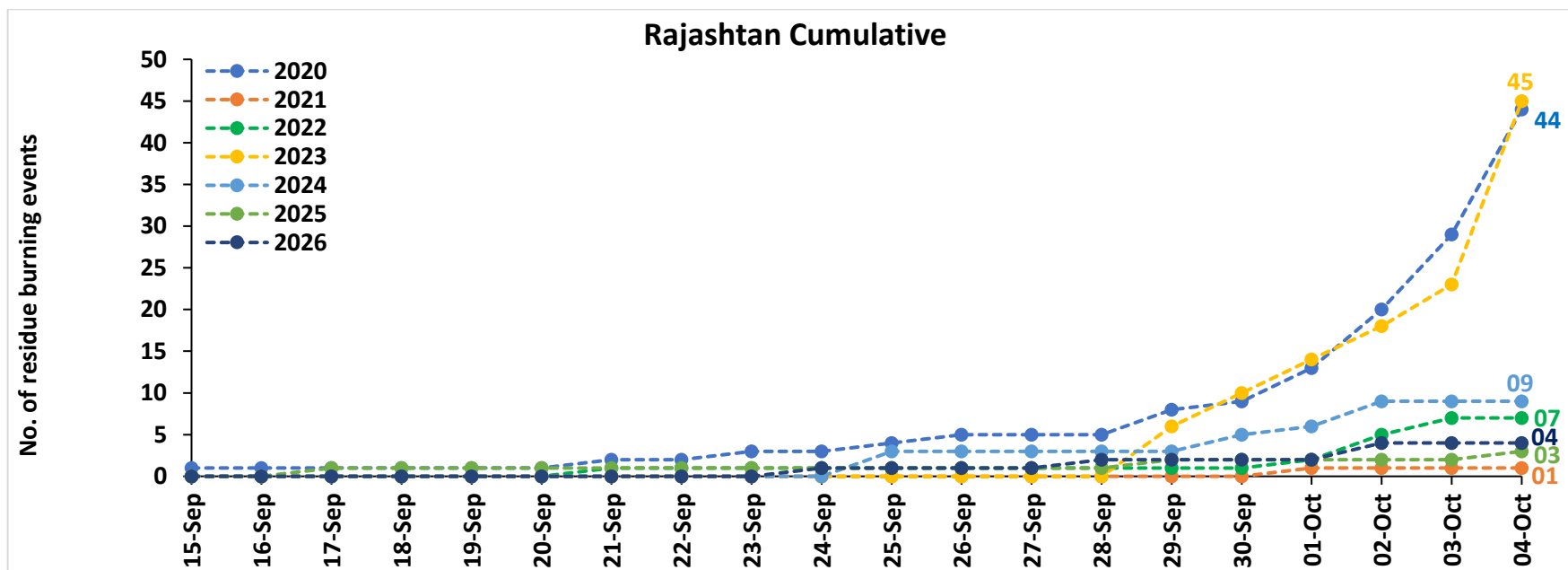
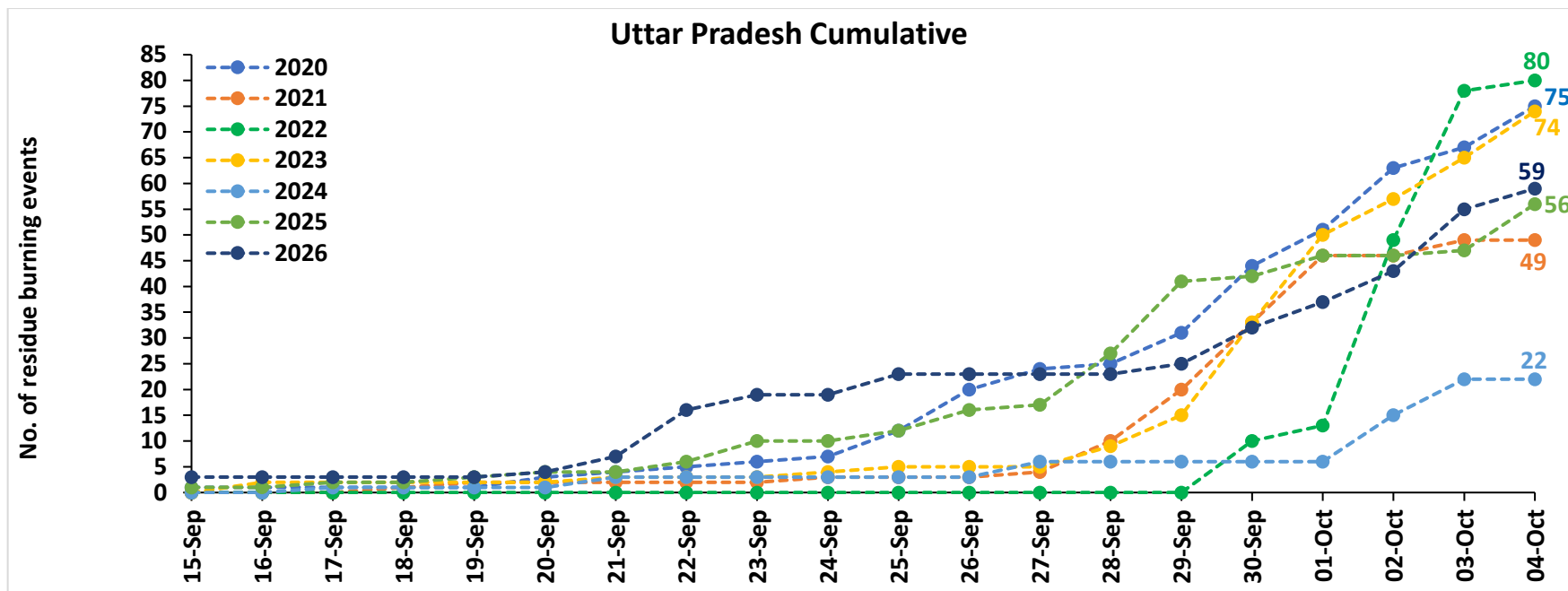


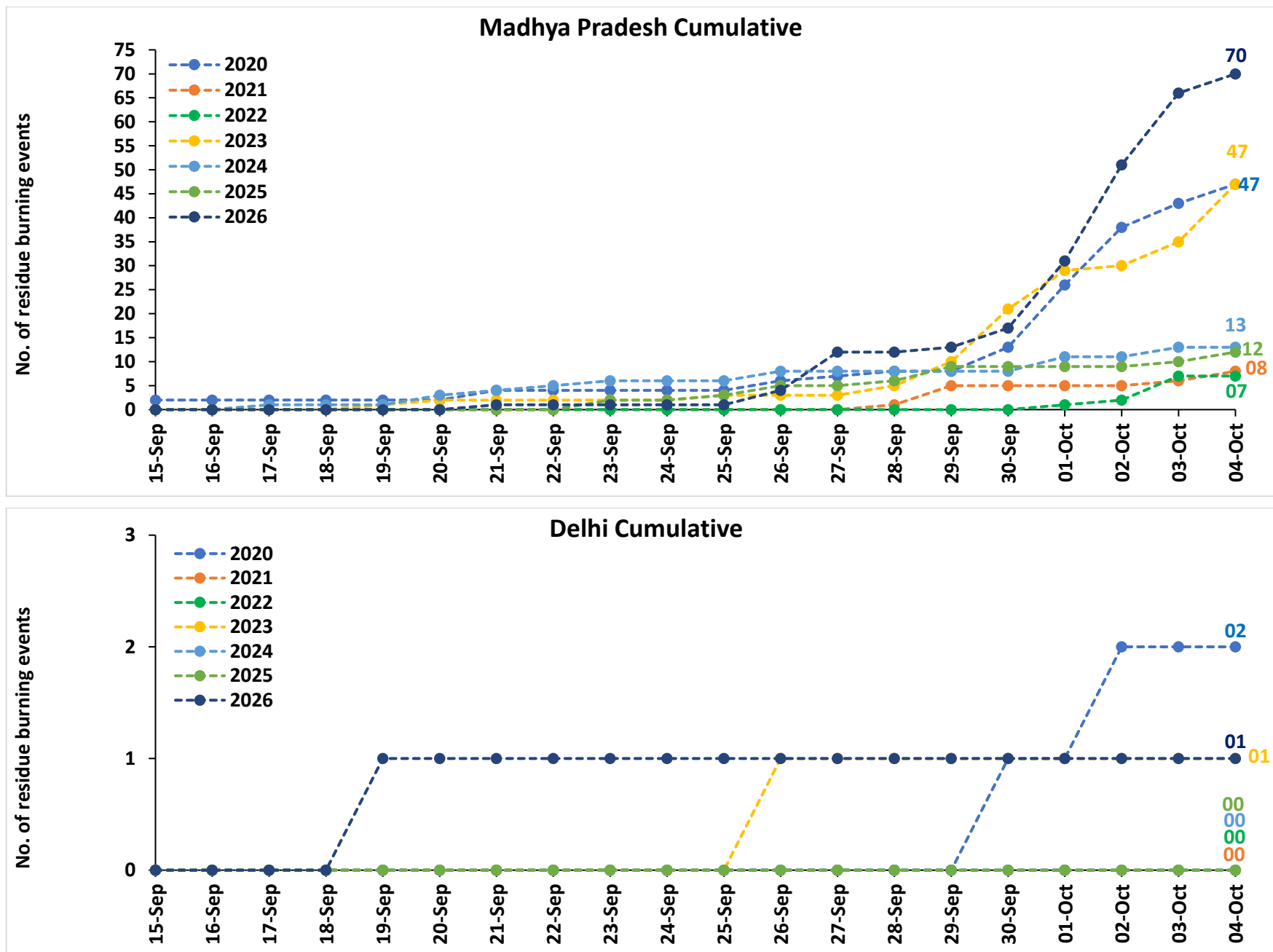


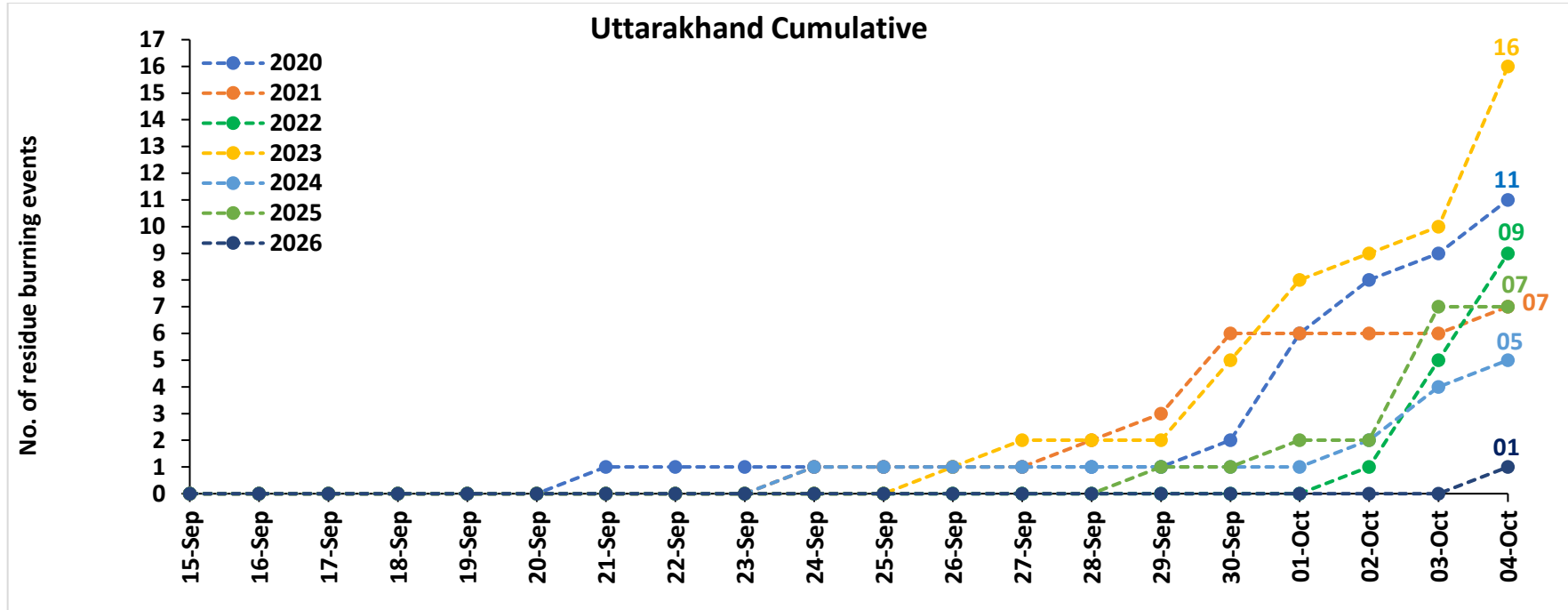


Comparison of residue burning events in current year (2026) with previous years (2020,2021,2022, 2023,2024 and 2025) for the study States



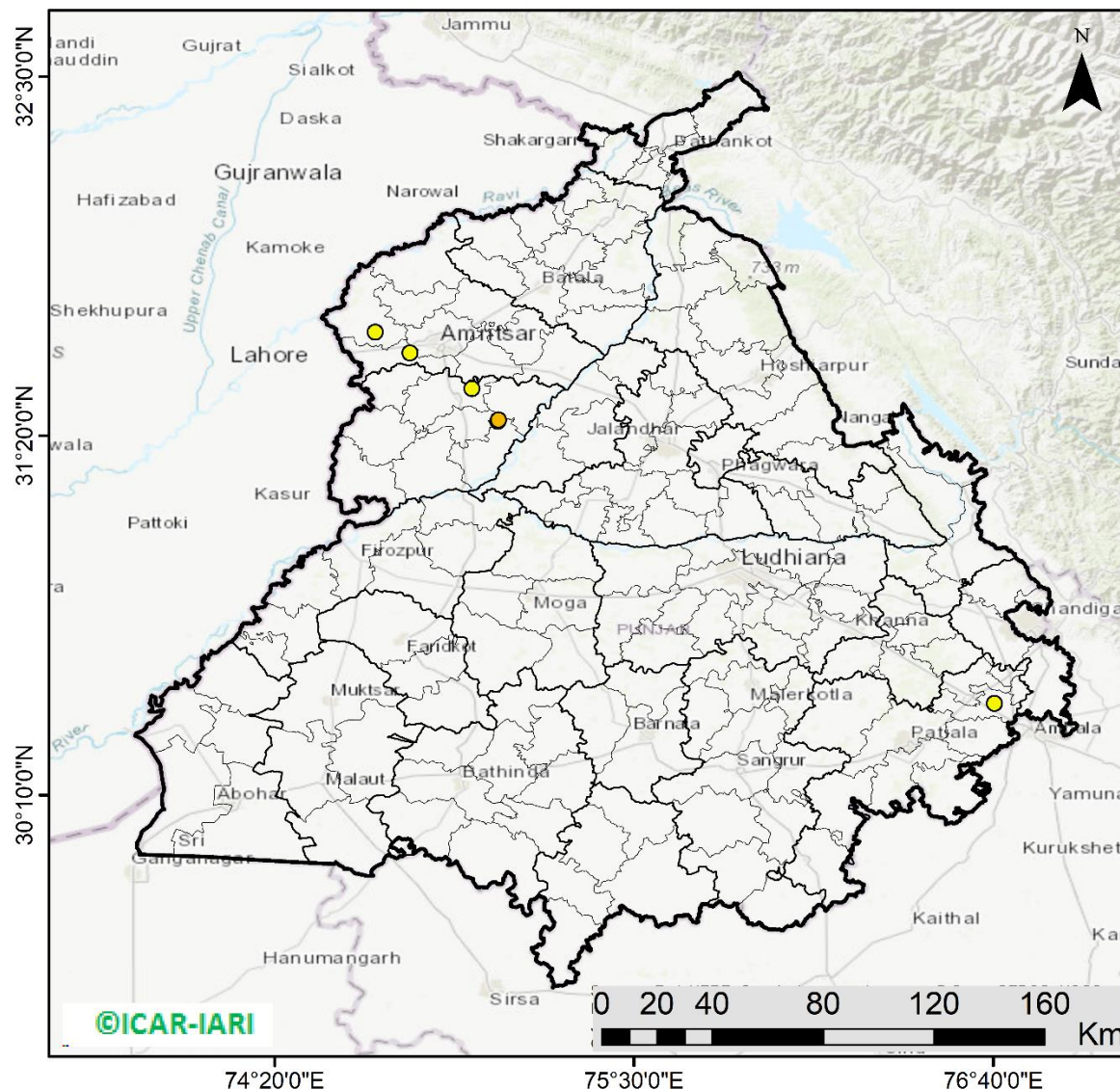






PUNJAB

PADDY RESIDUE BURNING IN PUNJAB

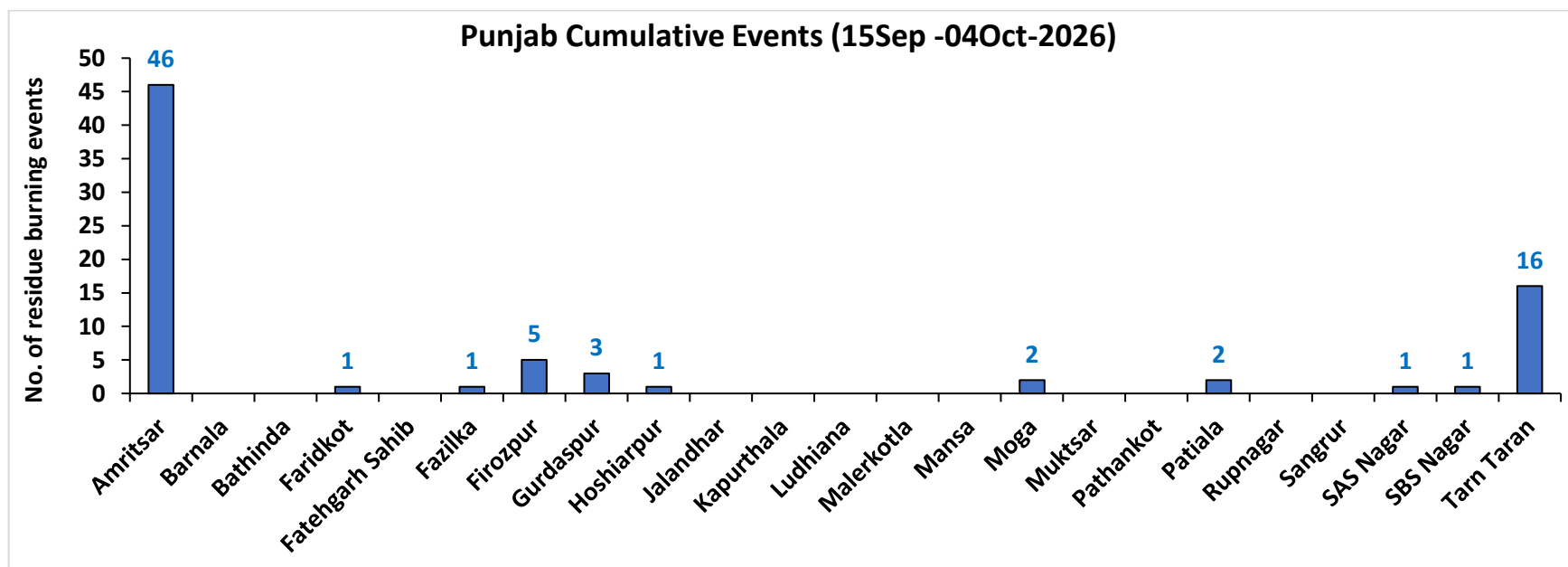
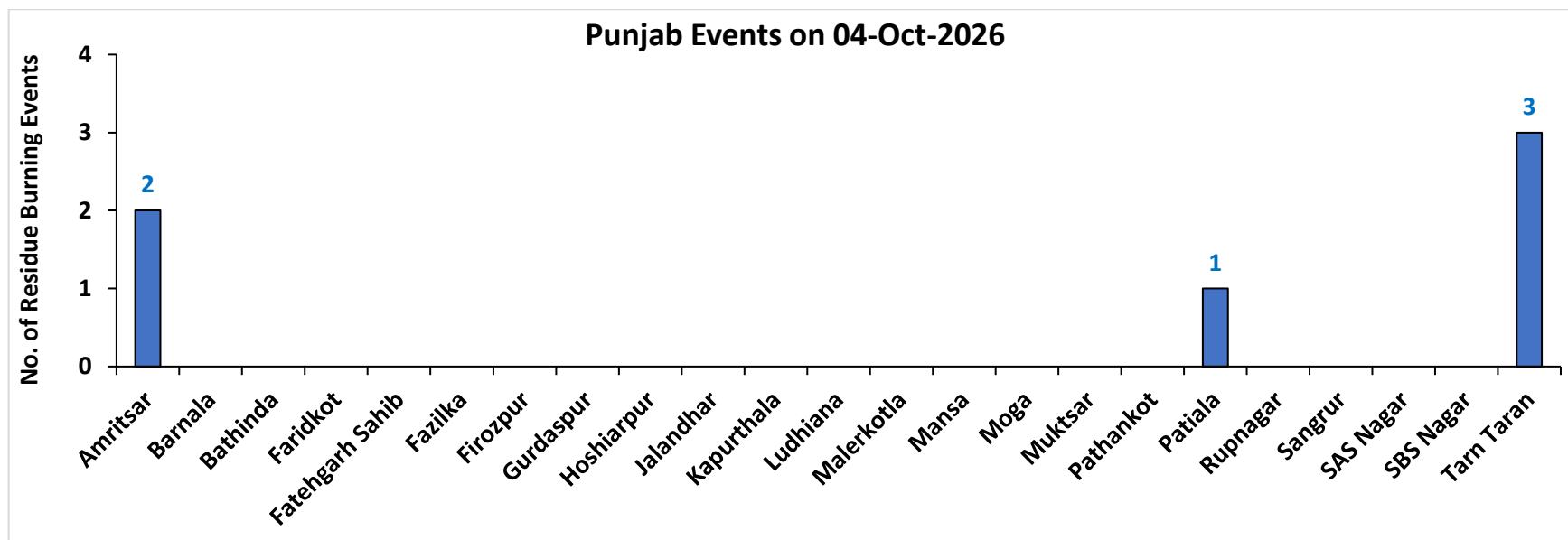


06 burning events
detected in Punjab during
(04th-Oct-2026)

Fire Intensity (W/m²)

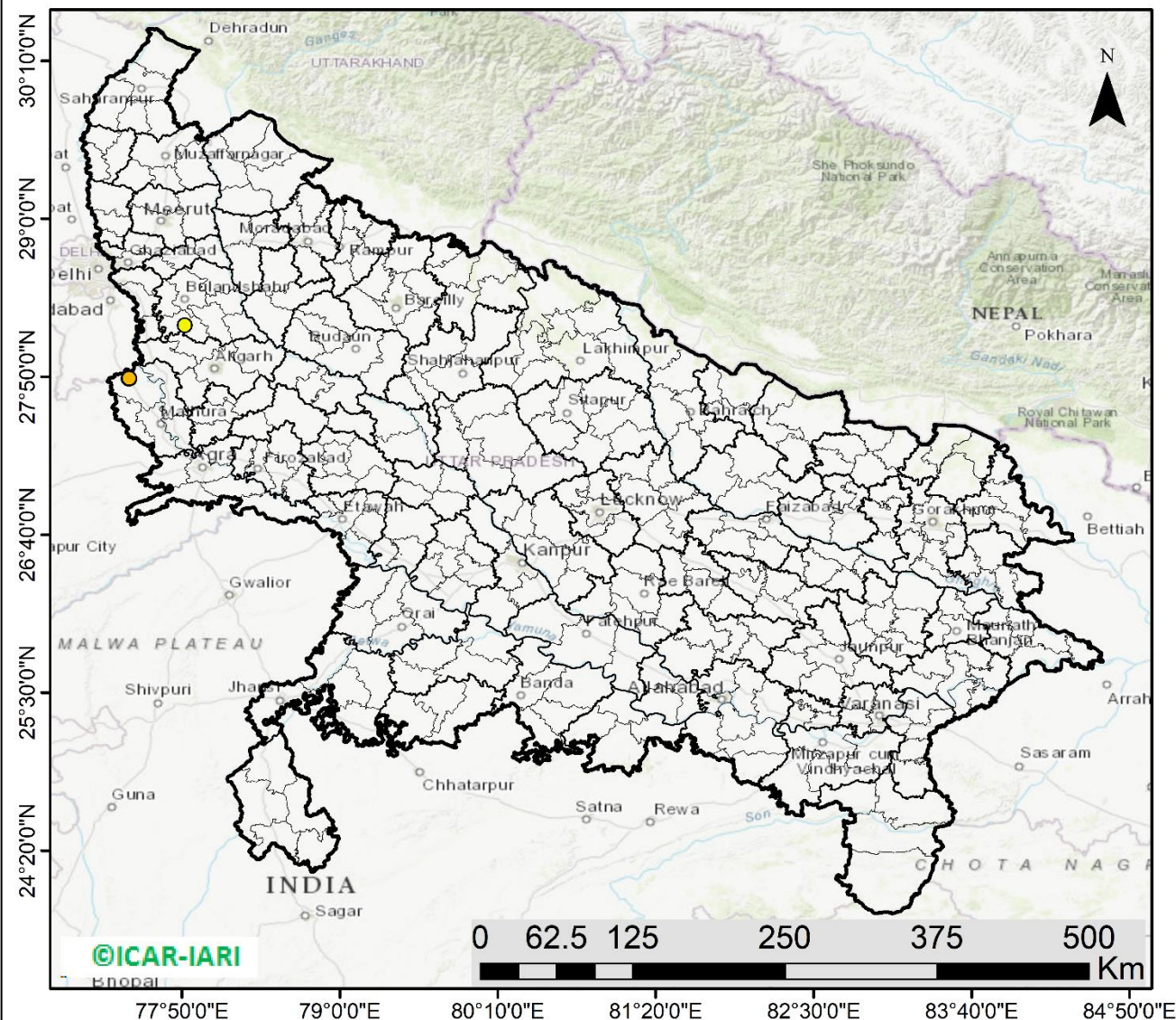
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

DISTRICT-WISE NUMBER OF PADDY RESIDUE BURNING EVENTS (04-OCT-2026)



UTTAR PRADESH

PADDY RESIDUE BURNING IN UTTAR PRADESH

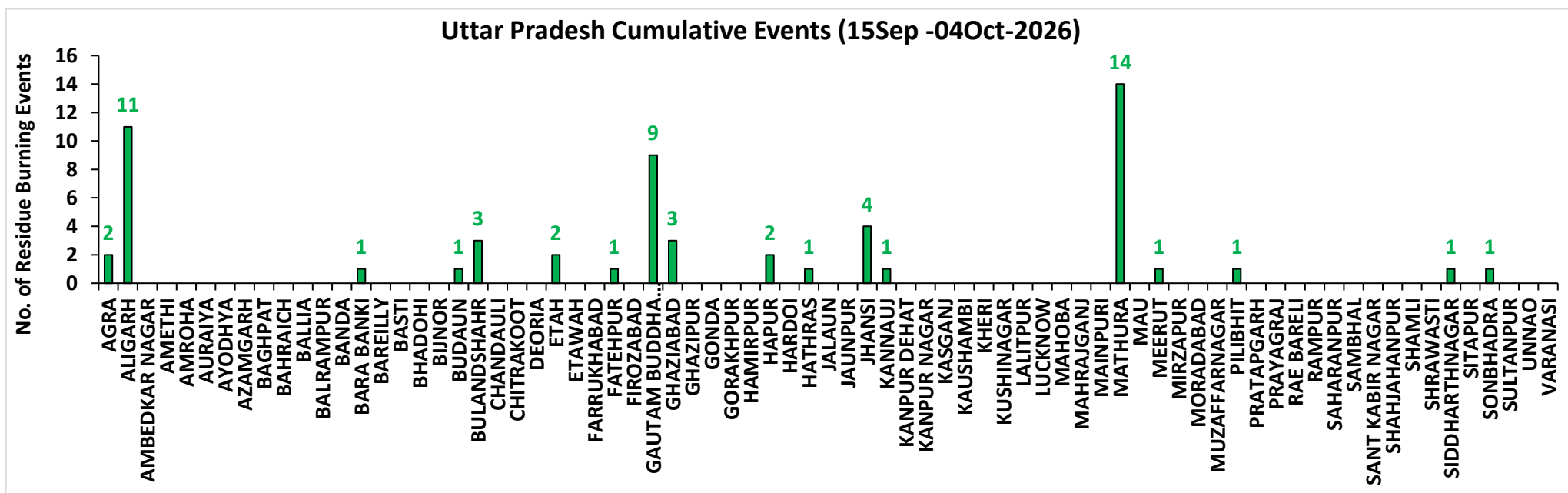
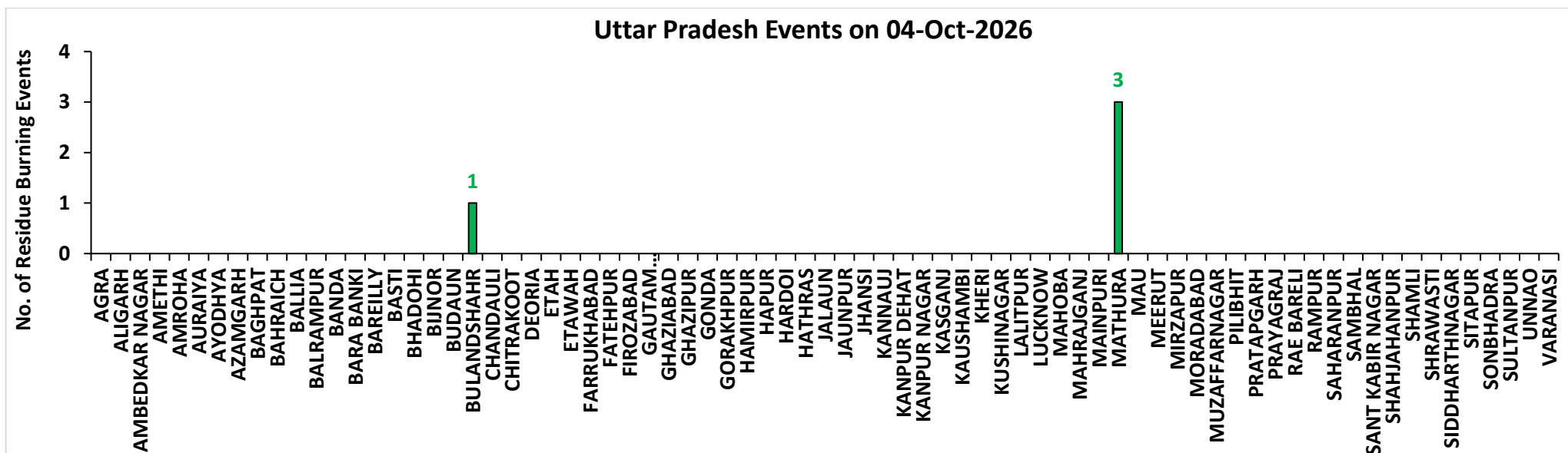


04 burning events
detected in Uttar Pradesh on
(04th-Oct-2026)

Fire Intensity (W/m²)

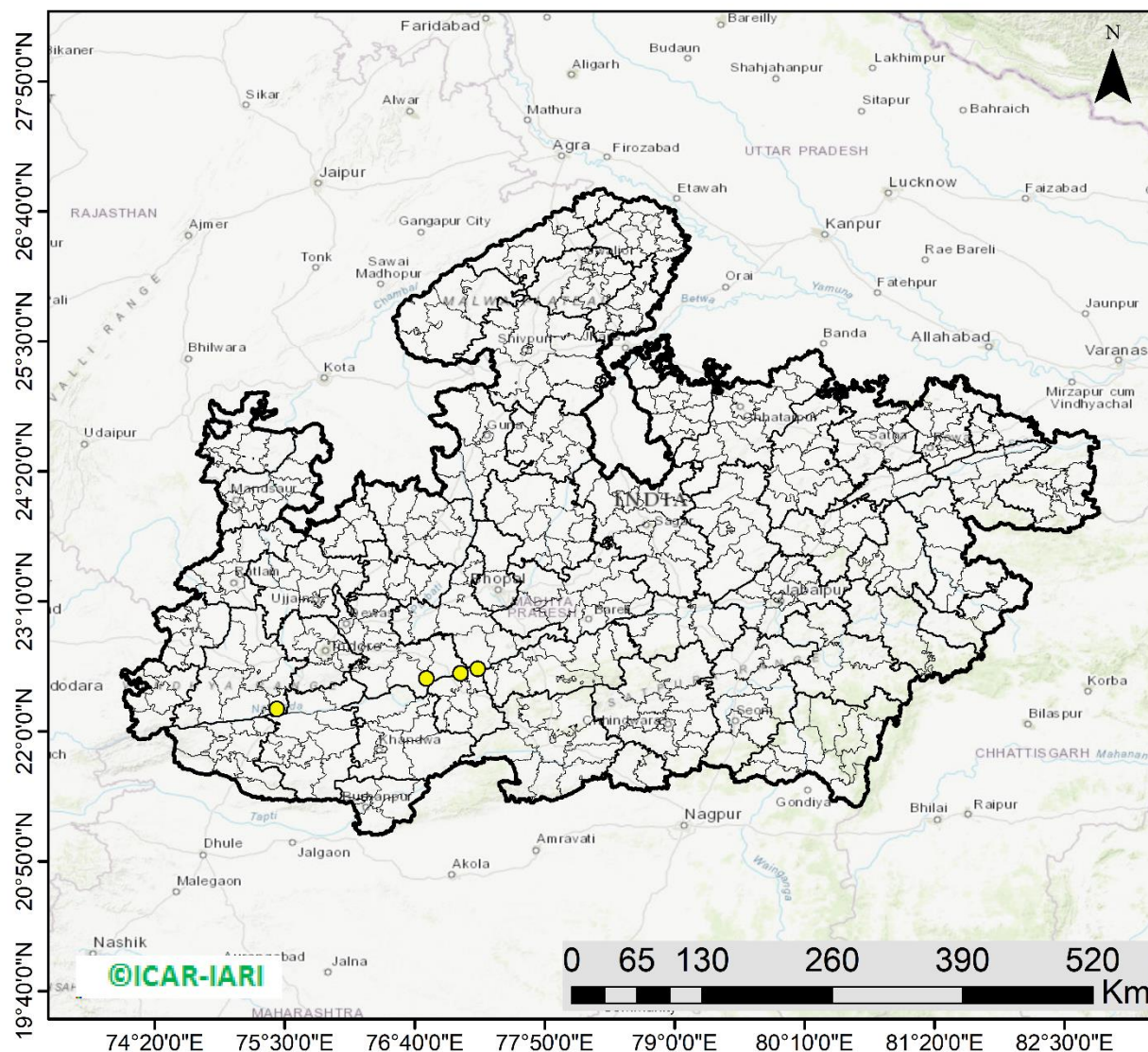
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

DISTRICT-WISE NUMBER OF PADDY RESIDUE BURNING EVENTS (04-OCT-2026)



MADHYA PRADESH

PADDY RESIDUE BURNING IN MADHYA PRADESH

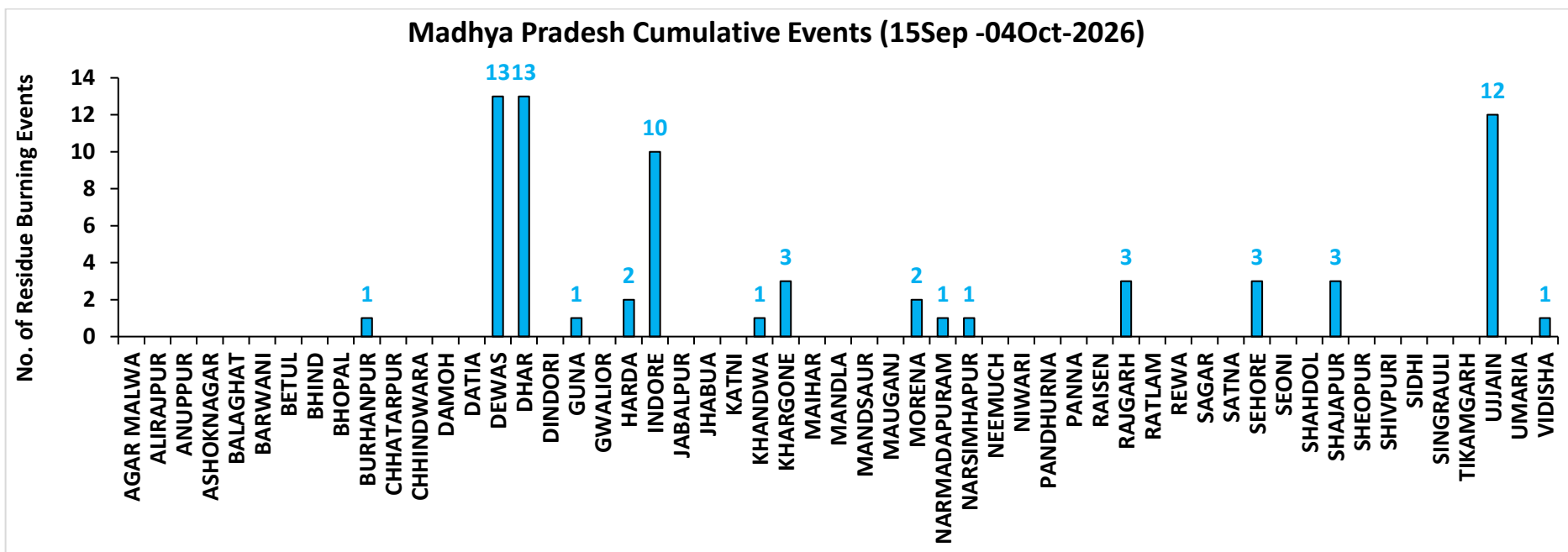
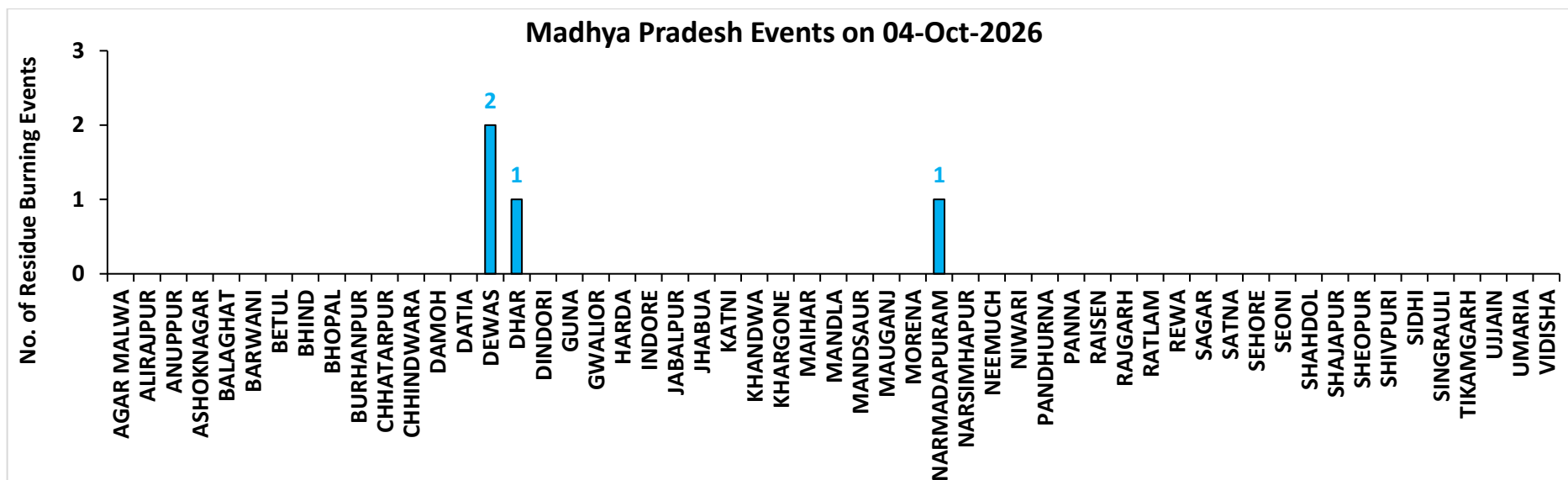


04 burning events
detected in MP on
(04th-Oct-2026)

Fire Intensity (W/m²)

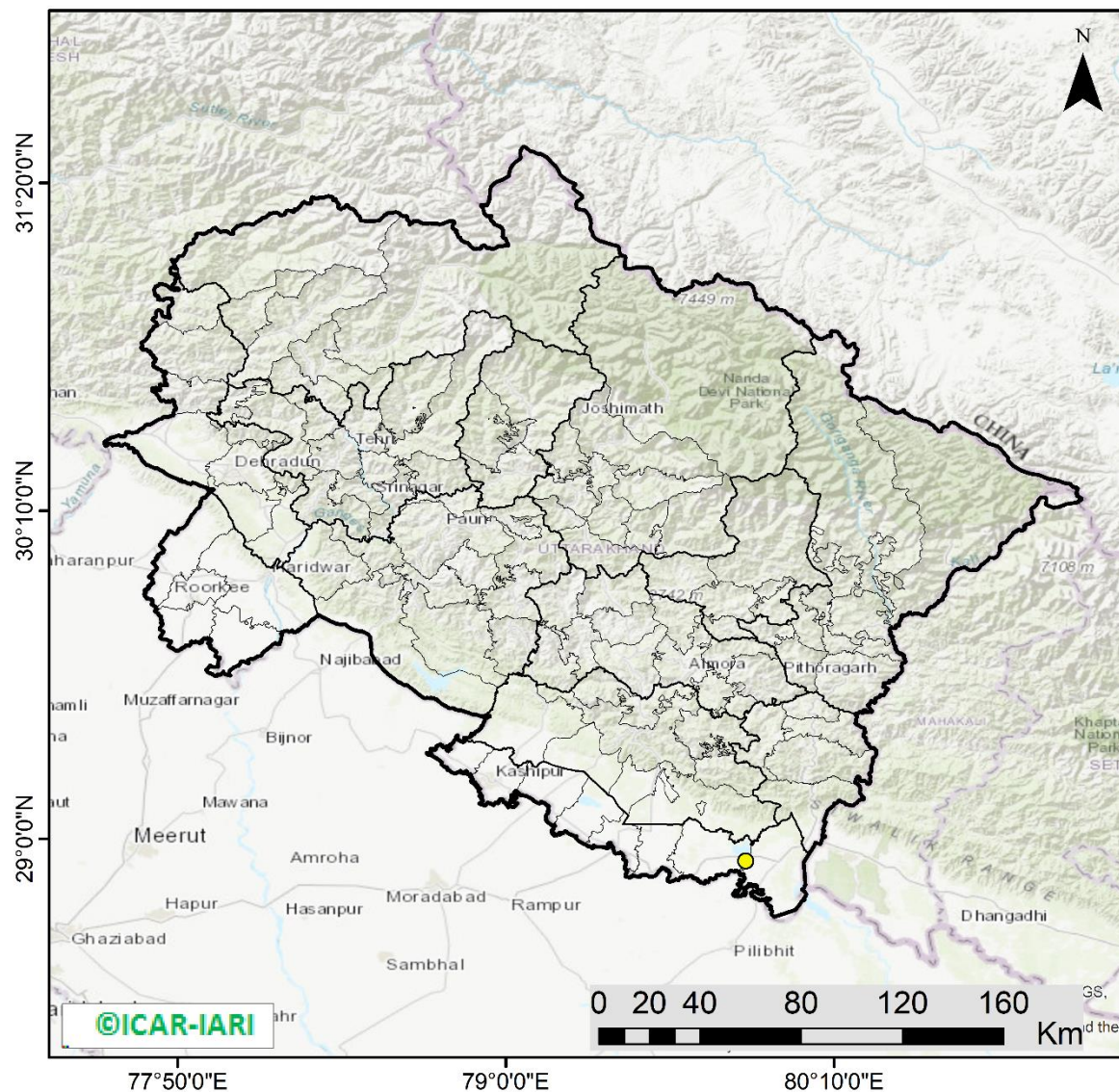
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

DISTRICT-WISE NUMBER OF PADDY RESIDUE BURNING EVENTS (04-OCT-2026)



UTTARAKHAND

PADDY RESIDUE BURNING IN UTTARAKHAND

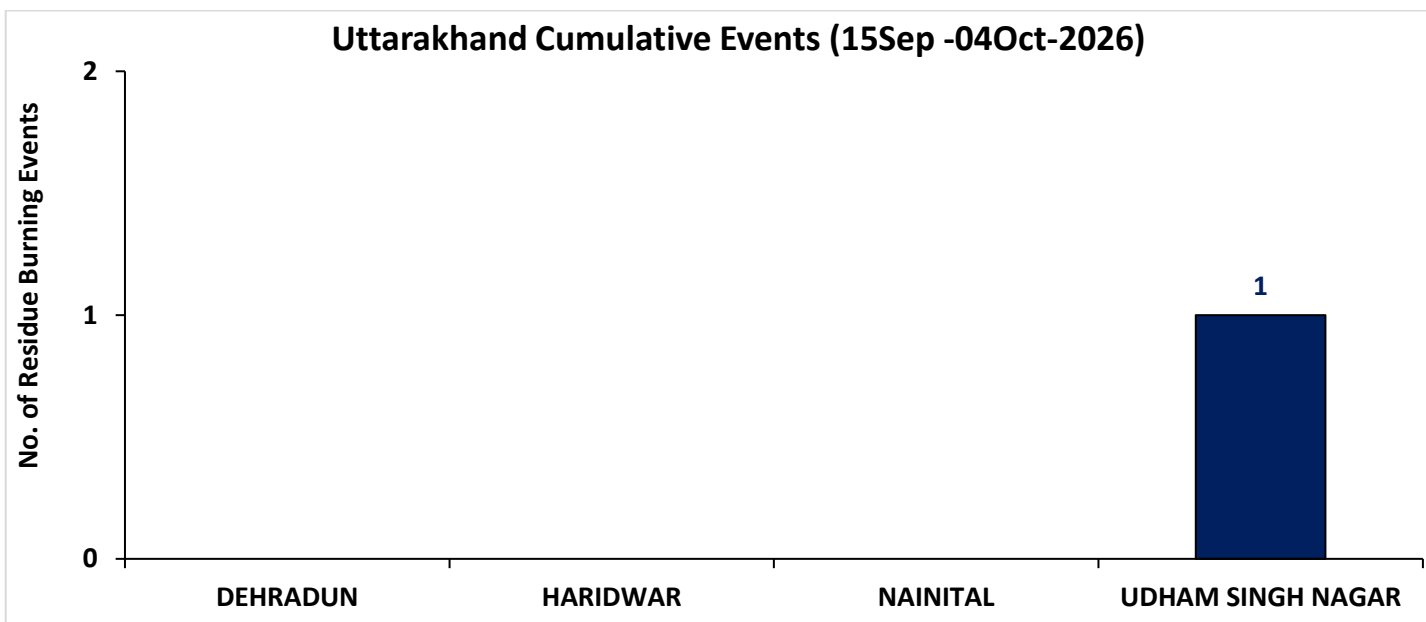
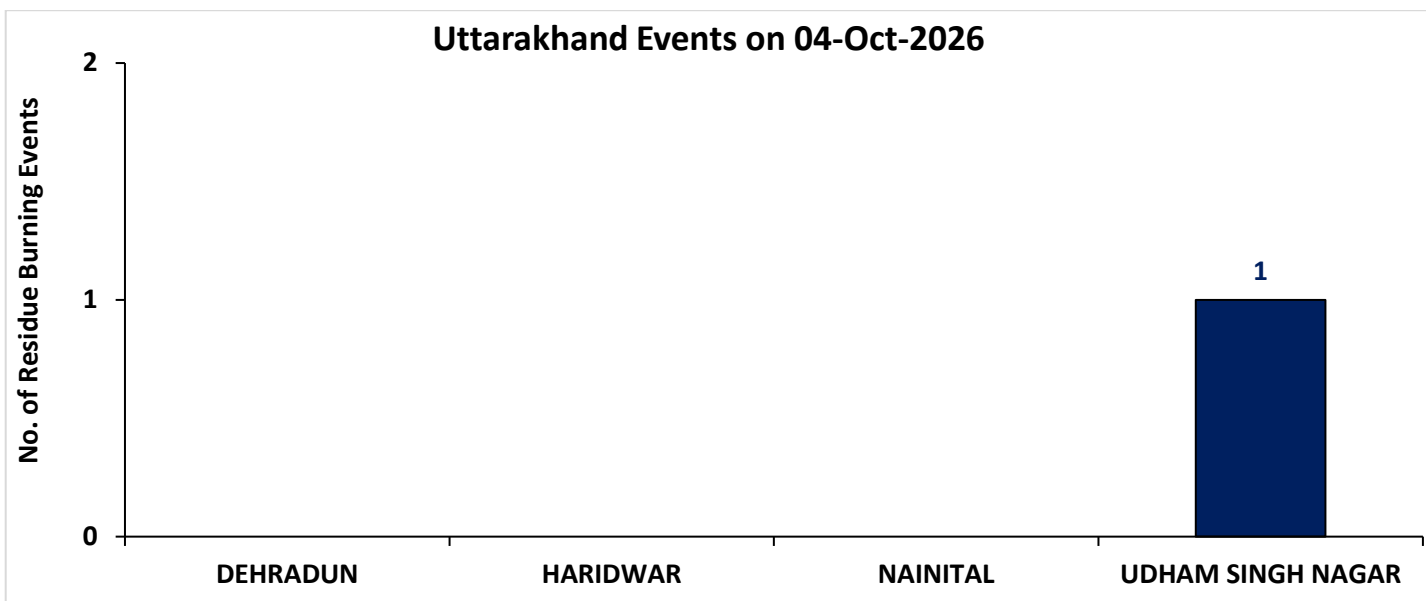


01 burning events
detected in Uttarakhand during
(04th-Oct-2026)

Fire Intensity (W/m²)

- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

DISTRICT-WISE NUMBER OF PADDY RESIDUE BURNING EVENTS (04-OCT-2026)





District-wise cumulative number of paddy residue burning events detected in 2020, 2021, 2022, 2023, 2024, 2025 and 2026 (Period: 15 September-04 October)

Punjab

DISTRICT	15-SEP-04 OCT						
	2020	2021	2022	2023	2024	2025	2026
AMRITSAR	1015	161	320	429	94	55	46
BARNALA	2	0	0	5	0	3	0
BATHINDA	0	0	0	0	0	1	0
FARIDKOT	3	9	2	3	0	1	1
FATEHGARH SAHIB	15	1	1	4	1	0	0
FAZILKA	0	1	0	1	1	0	1
FIROZPUR	22	5	6	9	11	1	5
GURDASPUR	54	4	6	6	11	0	3
HOSHIARPUR	3	0	0	2	0	2	1
JALANDHAR	13	6	7	9	9	1	0
KAPURTHALA	22	2	6	39	16	3	0
LUDHIANA	34	19	1	6	2	0	0
MALERKOTLA	1	0	0	0	1	4	0
MANSA	2	0	0	1	0	0	0
MOGA	9	0	0	0	0	0	2
MUKTSAR	1	1	1	0	0	0	0
PATHANKOT	0	0	0	0	0	0	0
PATIALA	62	11	7	29	3	10	2
RUPNAGAR	1	1	0	0	1	0	0
SANGRUR	16	4	0	6	6	2	0
SAS NAGAR (MOHALI)	9	0	3	17	5	1	1
SBS NAGAR	2	1	1	2	1	0	1
TARN TARAN	317	34	54	88	26	11	16
TOTAL	1603	260	415	656	188	95	79

Haryana

District	15-SEP-04 OCT						
	2020	2021	2022	2023	2024	2025	2026
AMBALA	22	0	5	34	7	0	0
BHIWANI	0	0	0	0	0	0	0
CHARKHI DADRI	0	0	0	0	0	0	0
FARIDABAD	0	0	0	0	9	2	0
FATEHABAD	15	1	1	10	5	1	0
GURGAON	0	0	0	0	0	0	0
HANSI	1	0	0	0	0	0	1
HISAR	2	0	0	3	1	0	0
JHAJJAR	0	0	0	1	0	0	0
JIND	2	0	1	9	5	1	0
KAITHAL	21	2	1	7	8	0	0
KARNAL	46	4	7	14	36	0	0
KURUKSHETRA	31	12	8	36	25	1	0
MAHENDERGARH	0	0	0	0	0	0	0
MEWAT	0	0	0	0	0	0	0
PALWAL	1	0	0	5	2	1	2
PANCHKULA	0	0	0	0	0	0	1
PANIPAT	6	0	0	4	1	0	0
REWARI	0	0	0	0	0	0	0
ROHTAK	0	0	0	1	3	0	0
SIRSA	1	0	0	0	1	0	0
SONIPAT	2	1	0	20	8	1	0
YAMUNANAGAR	10	1	1	22	8	0	0
Total	160	21	24	166	119	7	4

Uttar Pradesh

District	15-SEP-04 OCT						
	2020	2021	2022	2023	2024	2025	2026
AGRA	0	0	0	0	0	0	2
ALIGARH	4	0	1	26	4	10	11
AMBEDKAR NAGAR	0	0	0	0	0	0	0
AMETHI	0	0	0	0	0	0	0
AMROHA	0	0	0	2	0	0	0
AURAIYA	11	0	4	2	1	5	0
AYODHYA	0	0	0	0	3	0	0
AZAMGARH	0	0	0	0	0	0	0
BAGHPAT	1	0	0	0	0	1	0
BAHRAICH	0	0	0	0	0	0	0
BALLIA	0	0	0	0	0	0	0
BALRAMPUR	0	0	0	0	0	0	0
BANDA	0	0	0	0	0	0	0
BARA BANKI	1	0	0	0	0	2	1
BAREILLY	2	0	0	0	0	0	0
BASTI	0	0	0	0	1	0	0
BHADOHI	0	0	0	0	0	0	0
BIJNOR	1	0	1	0	1	0	0
BUDAUN	0	0	0	0	0	0	1
BULANDSHAHR	1	0	2	1	3	2	3
CHANDAULI	0	0	0	0	0	0	0
CHITRAKOOT	0	0	0	0	0	0	0
DEORIA	0	0	0	2	0	0	0
ETAH	2	0	0	0	0	0	2
ETAWAH	0	0	0	0	0	0	0
FARRUKHABAD	0	0	0	0	0	0	0
FATEHPUR	1	0	0	0	0	1	1

FIROZABAD	0	0	0	0	0	0	0
GAUTAM BUDDHA NAGAR	1	0	0	2	3	0	9
GHAZIABAD	1	0	1	4	2	0	3
GHAZIPUR	0	0	0	0	0	0	0
GONDA	0	0	0	0	0	0	0
GORAKHPUR	0	0	0	0	0	0	0
HAMIRPUR	0	0	0	0	0	0	0
HAPUR	2	0	0	0	0	0	2
HARDOI	0	0	0	1	0	0	0
HATHRAS	0	0	0	2	0	3	1
JALAUN	0	0	0	0	0	0	0
JAUNPUR	0	0	0	0	0	0	0
JHANSI	2	0	0	0	0	1	4
KANNAUJ	1	0	0	0	0	0	1
KANPUR DEHAT	1	0	0	0	0	0	0
KANPUR NAGAR	0	1	0	0	0	0	0
KASGANJ	0	0	0	0	0	0	0
KAUSHAMBI	1	0	0	1	0	1	0
KHERI	2	3	8	0	0	0	0
KUSHINAGAR	0	0	0	0	0	0	0
LALITPUR	0	1	2	0	0	0	0
LUCKNOW	0	0	0	0	0	0	0
MAHOBA	0	0	0	0	0	0	0
MAHRAJGANJ	0	0	0	0	0	0	0
MAINPURI	0	0	0	1	0	3	0
MATHURA	2	1	0	9	0	18	14
MAU	0	0	0	0	0	0	0
MEERUT	6	0	0	2	0	0	1
MIRZAPUR	0	0	0	0	0	0	0
MORADABAD	1	0	0	0	0	0	0

MUZAFFARNAGAR	2	0	0	0	0	0	0
PILIBHIT	3	1	2	5	0	1	1
PRATAPGARH	0	0	0	0	0	0	0
PRAYAGRAJ	0	0	0	0	0	0	0
RAE BARELI	1	0	0	0	0	0	0
RAMPUR	2	3	0	0	0	1	0
SAHARANPUR	3	0	0	0	0	0	0
SAMBHAL	5	0	4	3	1	3	0
SANT KABIR NAGAR	0	0	0	0	0	0	0
SHAHJAHANPUR	5	37	53	10	2	4	0
SHAMLI	7	2	2	1	1	0	0
SHRAWASTI	0	0	0	0	0	0	0
SIDDHARTH NAGAR	0	0	0	0	0	0	1
SITAPUR	1	0	0	0	0	0	0
SONBHADRA	0	0	0	0	0	0	1
SULTANPUR	0	0	0	0	0	0	0
UNNAO	2	0	0	0	0	0	0
VARANASI	0	0	0	0	0	0	0
Total	75	49	80	74	22	56	59

Rajasthan

District	15-SEP-04 OCT						
	2020	2021	2022	2023	2024	2025	2026
AJMER	0	0	0	0	0	0	0
ALWAR	0	0	0	0	0	0	0
BALOTRA	1	0	0	0	0	0	0
BANSWARA	0	0	0	0	0	0	0
BARAN	20	0	3	14	0	0	0
BARMER	1	0	0	0	0	0	0
BEAWAR	0	0	0	0	0	2	0
BHARATPUR	0	0	0	0	0	0	0
BHILWARA	1	0	0	0	0	0	0
BIKANER	0	0	0	0	0	0	1
BUNDI	1	0	2	2	0	0	0
CHITTAURGARH	0	1	0	1	1	0	0
CHURU	0	0	0	0	0	0	0
DAUSA	0	0	0	0	0	0	0
DEEG	0	0	0	1	0	0	0
DHAULPUR	0	0	0	0	0	0	0
DIDWANA-KUCHAMAN	0	0	0	0	0	0	0
DUNGARPUR	0	0	0	0	0	0	0
GANGANAGAR	1	0	0	4	0	0	0
HANUMANGARH	8	0	1	5	8	1	0
JAIPUR	0	0	0	0	0	0	0
JAISALMER	0	0	0	0	0	0	1
JALOR	0	0	0	0	0	0	0
JHALAWAR	0	0	0	3	0	0	0
JHUNJHUNUN	1	0	0	0	0	0	0
JODHPUR	1	0	0	0	0	0	0

KARAULI	1	0	0	0	0	0	0
KHAIRTHAL-TIJARA	1	0	0	0	0	0	0
KOTA	4	0	1	15	0	0	1
KOTPUTLI-BEHROR	0	0	0	0	0	0	1
NAGPUR	0	0	0	0	0	0	0
PALI	1	0	0	0	0	0	0
PHALODI	1	0	0	0	0	0	0
PRATAPGARH	0	0	0	0	0	0	0
RAJSAMAND	0	0	0	0	0	0	0
SALUMBAR	0	0	0	0	0	0	0
SAWAI MADHOPUR	0	0	0	0	0	0	0
SIKAR	0	0	0	0	0	0	0
SIROHI	0	0	0	0	0	0	0
TONK	1	0	0	0	0	0	0
UDAIPUR	0	0	0	0	0	0	0
Total	44	1	7	45	9	3	4

Madhya Pradesh

District	15-SEP-04 OCT						
	2020	2021	2022	2023	2024	2025	2026
AGAR MALWA	0	0	0	0	0	0	0
ALIRAJPUR	0	0	0	0	0	0	0
ANUPPUR	0	0	0	0	0	0	0
ASHOKNAGAR	5	0	0	1	1	0	0
BALAGHAT	0	0	0	0	0	0	0
BARWANI	0	0	0	0	0	0	0
BETUL	0	0	0	0	0	0	0
BHIND	0	0	0	0	0	1	0
BHOPAL	1	0	0	2	0	0	0
BURHANPUR	0	0	0	0	0	0	1
CHHATARPUR	1	0	0	1	0	0	0
CHHINDWARA	0	0	0	0	0	0	0
DAMOH	5	0	0	3	0	1	0
DATIA	1	0	0	2	0	0	0
DEWAS	0	0	0	1	1	0	13
DHAR	4	0	0	4	1	0	13
DINDORI	0	0	0	0	0	0	0
GUNA	5	1	1	6	0	1	1
GWALIOR	3	0	1	2	0	0	0
HARDA	5	4	0	2	0	0	2
INDORE	1	0	0	2	3	0	10
JABALPUR	1	0	1	0	1	0	0
JHABUA	0	0	0	0	0	0	0
KATNI	0	0	0	0	0	0	0
KHANDWA	0	0	0	0	0	0	1
KHARGONE	0	0	0	0	0	0	3
MAIHAR	0	0	0	0	0	0	0
MANDLA	0	0	0	0	0	0	0

MANDSAUR	0	0	0	0	0	0	0
MAUGANJ	0	0	0	0	0	0	0
MORENA	0	0	0	4	0	5	2
NARMADAPURAM	0	0	0	1	0	1	1
NARSIMHAPUR	0	0	0	0	0	0	1
NEEMUCH	0	0	0	0	0	0	0
NIWARI	0	0	0	0	0	0	0
PANDHURNA	0	0	0	0	0	0	0
PANNA	0	0	0	0	0	0	0
RAISEN	0	0	0	0	0	0	0
RAJGARH	1	0	1	1	0	0	3
RATLAM	0	0	0	1	0	0	0
REWA	0	0	0	0	0	0	0
SAGAR	2	2	1	2	1	0	0
SATNA	1	0	0	0	0	0	0
SEHORE	1	0	1	1	0	0	3
SEONI	0	0	0	0	0	0	0
SHAHDOL	0	0	0	0	0	0	0
SHAJAPUR	2	0	0	1	0	0	3
SHEOPUR	0	0	0	1	0	0	0
SHIVPURI	0	0	0	0	0	0	0
SIDHI	0	0	0	0	0	0	0
SINGRAULI	0	0	0	0	2	1	0
TIKAMGARH	0	0	0	0	0	0	0
UJJAIN	3	0	0	3	0	1	12
UMARIA	0	0	0	0	0	0	0
VIDISHA	5	1	1	6	3	1	1
Total	47	8	7	47	13	12	70

Delhi

District	15-SEP-04 OCT						
	2020	2021	2022	2023	2024	2025	2026
CENTRAL	0	0	0	0	0	0	0
EAST	0	0	0	0	0	0	0
NEW DELHI	0	0	0	0	0	0	0
NORTH	1	0	0	1	0	0	1
NORTH EAST	0	0	0	0	0	0	0
NORTH WEST DELHI	0	0	0	0	0	0	0
SHAHADRA	0	0	0	0	0	0	0
SOUTH	1	0	0	0	0	0	0
SOUTH EAST	0	0	0	0	0	0	0
SOUTH WEST DELHI	0	0	0	0	0	0	0
WEST DELHI	0	0	0	0	0	0	0
Total	2	0	0	1	0	0	1

Uttarakhand

District	15-SEP-04 OCT						
	2020	2021	2022	2023	2024	2025	2026
DEHRADUN	0	0	0	0	0	0	0
HARIDWAR	3	0	0	1	1	0	0
NAINITAL	0	0	0	0	0	0	0
UDHAM SINGH NAGAR	8	7	9	15	4	7	1
Total	11	7	9	16	5	7	1

UP NCR

District	15-SEP-04 OCT						
	2020	2021	2022	2023	2024	2025	2026
BAGHPAT	1	0	0	0	0	1	0
BULANDSHAHR	1	0	2	1	3	2	3
GAUTAM BUDDHA NAGAR	1	0	0	2	3	0	9
GHAZIABAD	1	0	1	4	2	0	3
HAPUR	2	0	0	0	0	0	2
MEERUT	6	0	0	2	0	0	1
MUZAFFARNAGAR	2	0	0	0	0	0	0
SHAMLI	7	2	2	1	1	0	0
Total	21	2	5	10	9	3	18

Rajasthan NCR

District	15-SEP-04 OCT						
	2020	2021	2022	2023	2024	2025	2026
ALWAR	0	0	0	0	0	0	0
BHARATPUR	0	0	0	0	0	0	0
DEEG	0	0	0	1	0	0	0
KHAIRTHAL-TIJARA	1	0	0	0	0	0	0
KOTPUTLI-BEHROR	0	0	0	0	0	0	1
Total	1	0	0	1	0	0	1



State-wise and date-wise number of paddy residue burning events detected in 2020 ,2021 ,2022, 2023, 2024, 2025 and 2026 (Period: 15 September- 04 October)

Number of Paddy Residue Burning Events Detected																					
	Punjab							Haryana							Uttar Pradesh						
Date	2020	2021	2022	2023	2024	2025	2026	2020	2021	2022	2023	2024	2025	2026	2020	2021	2022	2023	2024	2025	2026
15-Sep	5	0	14	0	11	5	2	2	0	0	1	1	1	0	1	0	0	0	0	1	3
16-Sep	0	2	0	6	0	18	3	1	0	0	1	0	0	0	0	0	0	2	0	0	0
17-Sep	5	0	1	0	5	12	0	3	0	0	0	1	0	0	0	0	0	0	1	1	0
18-Sep	17	9	7	0	2	11	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0
19-Sep	30	5	18	0	0	1	1	2	0	0	1	0	1	0	0	1	0	0	0	1	0
20-Sep	67	8	10	0	13	1	8	6	0	0	2	1	0	0	2	0	0	0	0	1	1
21-Sep	54	0	56	1	21	8	5	2	0	0	2	13	0	0	1	0	0	1	2	0	3
22-Sep	34	0	30	0	11	6	4	1	0	0	2	18	0	0	1	0	0	0	0	2	9
23-Sep	49	0	3	1	6	8	1	0	0	0	3	12	0	1	1	0	0	0	0	4	3
24-Sep	78	5	0	0	12	5	2	0	0	0	0	6	1	1	1	1	0	1	0	0	0
25-Sep	184	11	0	0	12	4	5	11	0	0	1	18	1	0	5	0	0	1	0	2	4
26-Sep	190	19	0	3	5	1	8	5	0	0	2	5	0	0	8	0	0	0	0	4	0
27-Sep	78	37	0	21	0	2	9	8	0	0	9	5	1	0	4	1	0	0	3	1	0
28-Sep	55	28	0	33	0	8	1	6	1	0	8	0	0	0	1	6	0	4	0	10	0
29-Sep	63	64	0	68	21	5	2	9	4	0	17	0	1	0	6	10	0	6	0	14	2
30-Sep	116	27	8	81	10	0	7	22	2	0	26	1	0	1	13	13	10	18	0	1	7
01-Oct	165	13	45	123	26	0	4	15	4	1	21	3	0	0	7	13	3	17	0	4	5
02-Oct	141	0	83	119	16	0	9	30	2	7	24	20	0	1	12	0	36	7	9	0	6
03-Oct	110	9	75	105	8	0	1	8	6	8	17	6	0	0	4	3	29	8	7	1	12
04-Oct	162	23	65	95	9	0	6	29	2	7	29	9	0	0	8	0	2	9	0	9	4
Total	1603	260	415	656	188	95	79	160	21	24	166	119	7	4	75	49	80	74	22	56	59

Number of Paddy Residue Burning Events Detected

	Delhi							Rajasthan							Madhya Pradesh						
Date	2020	2021	2022	2023	2024	2025	2026	2020	2021	2022	2023	2024	2025	2026	2020	2021	2022	2023	2024	2025	2026
15-Sep	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0
16-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Sep	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
18-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Sep	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
20-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
21-Sep	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0	0	0	1	0	1
22-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
23-Sep	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	0
24-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
25-Sep	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	1	0	1	0
26-Sep	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	0	0	0	2	2	3
27-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	8
28-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	0	1	0
29-Sep	0	0	0	0	0	0	0	3	0	0	6	0	1	0	0	4	0	5	0	3	1
30-Sep	1	0	0	0	0	0	0	1	0	0	4	2	0	0	5	0	0	11	0	0	4
01-Oct	0	0	0	0	0	0	0	4	1	1	4	1	0	0	13	0	1	8	3	0	14
02-Oct	1	0	0	0	0	0	0	7	0	3	4	3	0	2	12	0	1	1	0	0	20
03-Oct	0	0	0	0	0	0	0	9	0	2	5	0	0	0	5	1	5	5	2	1	15
04-Oct	0	0	0	0	0	0	0	15	0	0	22	0	1	0	4	2	0	12	0	2	4
Total	2	0	0	1	0	0	1	44	1	7	45	9	3	4	47	8	7	47	13	12	70

Number of Paddy Residue Burning Events Detected

	Uttarakhand						
Date	2020	2021	2022	2023	2024	2025	2026
15-Sep	0	0	0	0	0	0	0
16-Sep	0	0	0	0	0	0	0
17-Sep	0	0	0	0	0	0	0
18-Sep	0	0	0	0	0	0	0
19-Sep	0	0	0	0	0	0	0
20-Sep	0	0	0	0	0	0	0
21-Sep	1	0	0	0	0	0	0
22-Sep	0	0	0	0	0	0	0
23-Sep	0	0	0	0	0	0	0
24-Sep	0	1	0	0	1	0	0
25-Sep	0	0	0	0	0	0	0
26-Sep	0	0	0	1	0	0	0
27-Sep	0	0	0	1	0	0	0
28-Sep	0	1	0	0	0	0	0
29-Sep	0	1	0	0	0	1	0
30-Sep	1	3	0	3	0	0	0
01-Oct	4	0	0	3	0	1	0
02-Oct	2	0	1	1	1	0	0
03-Oct	1	0	4	1	2	5	0
04-Oct	2	1	4	6	1	0	1
Total	11	7	9	16	5	7	1

Details of paddy residue burning events in Punjab on 04-Oct-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	AMRITSAR	ATTARI	S-NPP	31.60188	74.77335	13:03:03	D	2.30
2	AMRITSAR	CHOGAWAN	S-NPP	31.66967	74.66039	13:03:03	D	2.40
3	PATIALA	SHAMBU KALAN	S-NPP	30.46452	76.67008	13:03:03	D	4.40
4	TARN TARAN	CHOHLA SAHIB	S-NPP	31.38046	75.05840	14:43:20	D	7.80
5	TARN TARAN	CHOHLA SAHIB	S-NPP	31.38451	75.06073	14:43:20	D	7.10
6	TARN TARAN	TARN TARAN	S-NPP	31.48636	74.97399	13:03:03	D	1.50

Details of paddy residue burning events in Uttar Pradesh on 04-Oct-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	BULANDSHAHR	KHURJA	S-NPP	28.21333	77.85420	13:03:03	D	3.30
2	MATHURA	CHHATA	S-NPP	27.81999	77.44033	13:03:03	D	5.40
3	MATHURA	CHHATA	S-NPP	27.82118	77.44587	13:03:03	D	11.70
4	MATHURA	CHHATA	S-NPP	27.82237	77.44322	13:03:03	D	7.50

Details of paddy residue burning events in Madhya Pradesh on 04-Oct-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	DEWAS	KHATEGAON	S-NPP	22.51782	77.07782	13:03:00	D	2.21
2	DEWAS	SATWAS	S-NPP	22.47189	76.77203	13:03:00	D	1.71
3	DHAR	DHARAMPURI	S-NPP	22.19850	75.42821	14:45:00	D	2.97
4	NARMADAPURAM	SHIVPUR	S-NPP	22.55827	77.23409	13:03:00	D	2.45

Details of paddy residue burning events in Uttarakhand on 04-Oct-2026

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	UDHAM SINGH NAGAR	KHATIMA	S-NPP	28.92166	79.85252	13:05:00	D	2.75

The study used data received from following Satellites at NRSC Ground Station/ NASA FIRMS

S. No.	Satellite Name	Sensor	Resolution (meter)	Day / Night Passes
1.	Suomi NPP	VIIRS	375 / 750	Both
2.	Terra	MODIS	1000	Both
3.	Aqua	MODIS	1000	Both

The paddy mask for the Punjab and Haryana were provided by MNCFC, MoA&FW, Govt of India
The kharif crop mask for Delhi, Uttar Pradesh, Uttarakhand, Rajasthan and Madhya Pradesh were provided by NRSC (ISRO)

Study Team

ICAR – HQ	Dr. Rajbir Singh	DDG (AG. ENGG.)	ddgengg@icar.org.in
	Dr. Rajbir Singh	DDG (AG. EXTN)	ddg-extn.icar@gov.in
ICAR - IARI	Dr. V.K. Sehgal	Principal & Nodal Scientist	iaricreams@gmail.com
	Dr. Rajkumar Dhakar	Senior Scientist	rajdhakar.iari@gmail.com
	Mr. Mohd Jahangir	YP-I (FASAL 2.0)	mjahangir198@gmail.com
ICAR - ATARI	Dr. Parvender Sheoran	Director ATARI (Zone-I) Ludhiana	zcu1ldh@gmail.com
	Dr. J.P. Mishra	Director ATARI (Zone-II) Jodhpur	jp.mishra67@gov.in
	Dr. R. Singh	Director ATARI (Zone-III) Kanpur	zpdicarkanpur@gmail.com
ICAR - IASRI	Dr. Rajender Parsad	Principal Scientist, ICAR-HQ	rajenderparsad.iasri@icar.org.in

GIS Maps of fire events can be visualized online on ICAR KRISHI Geoportal website <https://creams.iari.res.in/geokrishi/>

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