

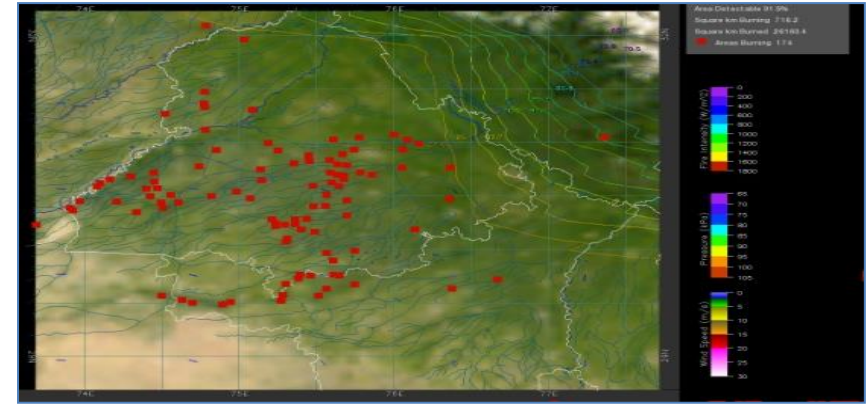
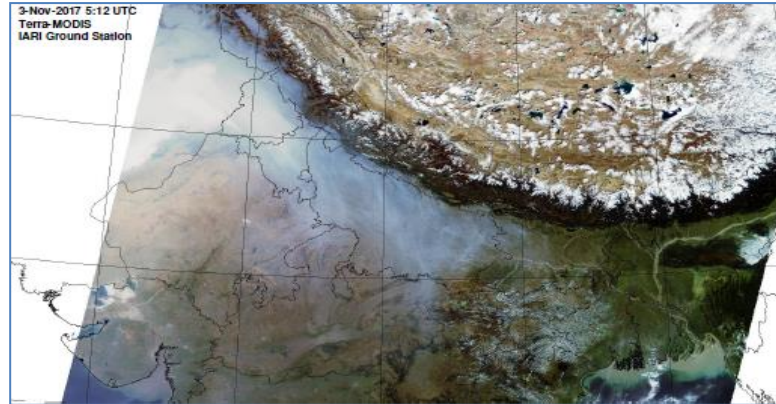


MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2025

Bulletin
No. 26

Events Date:
10-Oct-2025

Issued on:
10-Oct-2025



Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS)
Laboratory,

Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012

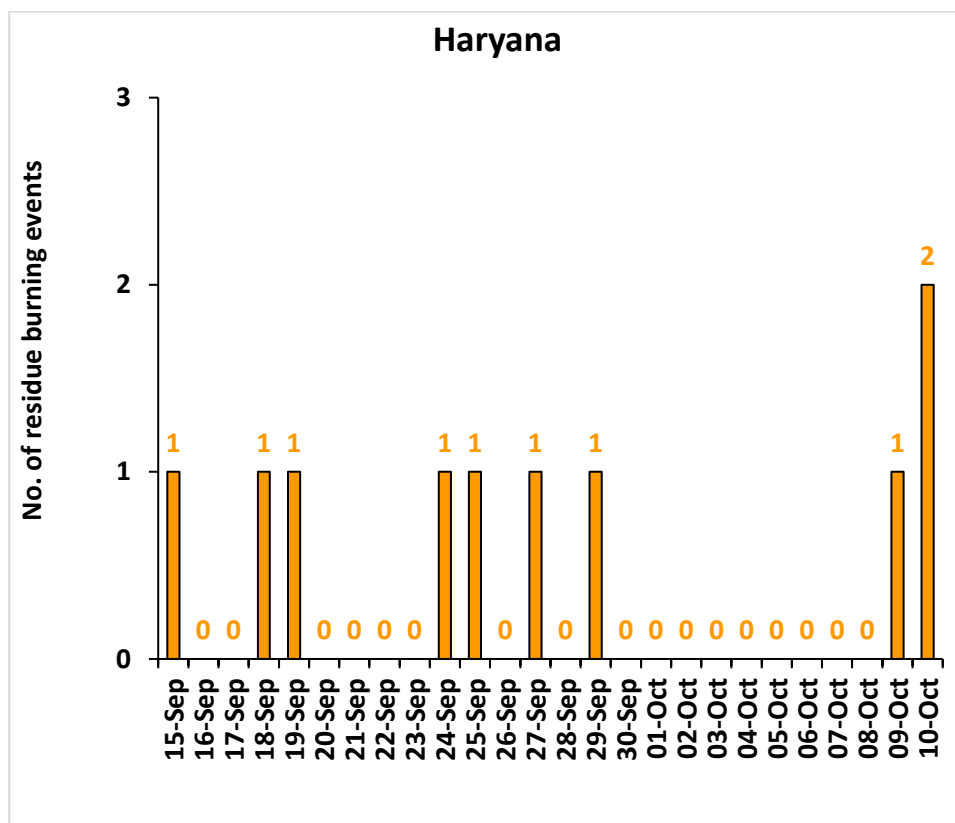
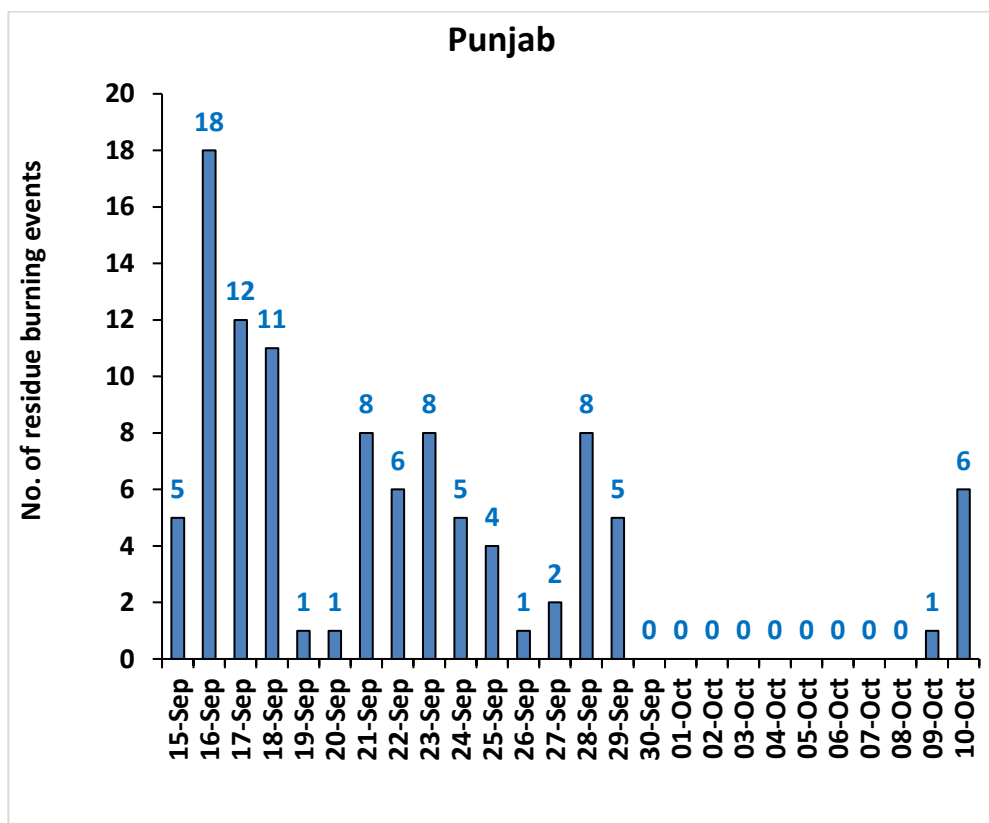
<https://creams.iari.res.in>



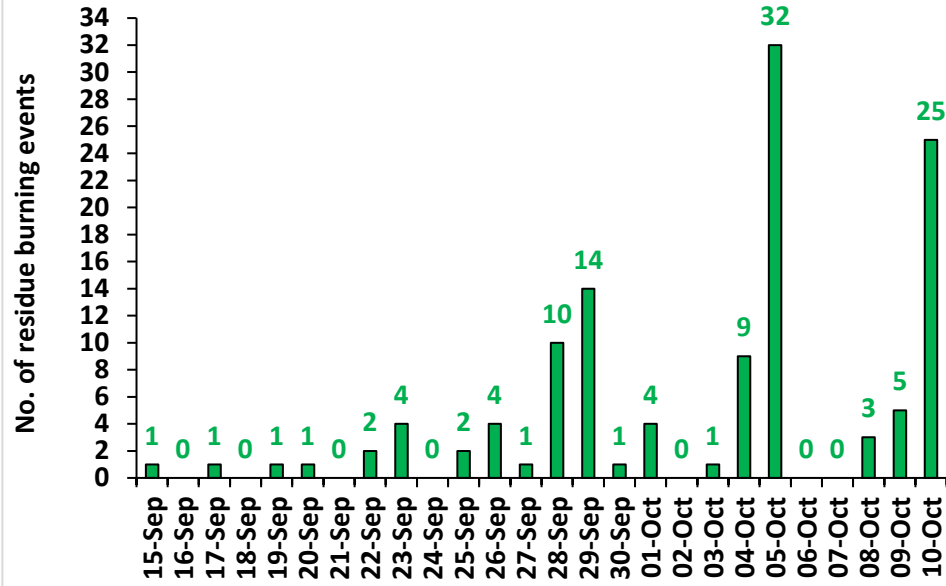
Highlights for 10-Oct-2025

- The active fire events due to rice 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 **63** residue burning events in the six study States on **10-Oct-2025**.
- The state wise events detected on **10-Oct-2025** were **06** in Punjab, **02** in Haryana, **25** in UP, **01** in Delhi, **09** in Rajasthan and **20** in MP.
- Total **302** burning events were detected in the six states between **15-Sept-2025** and **10-Oct-2025**, which are distributed as **102, 10, 121, 01, 19** and **49** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

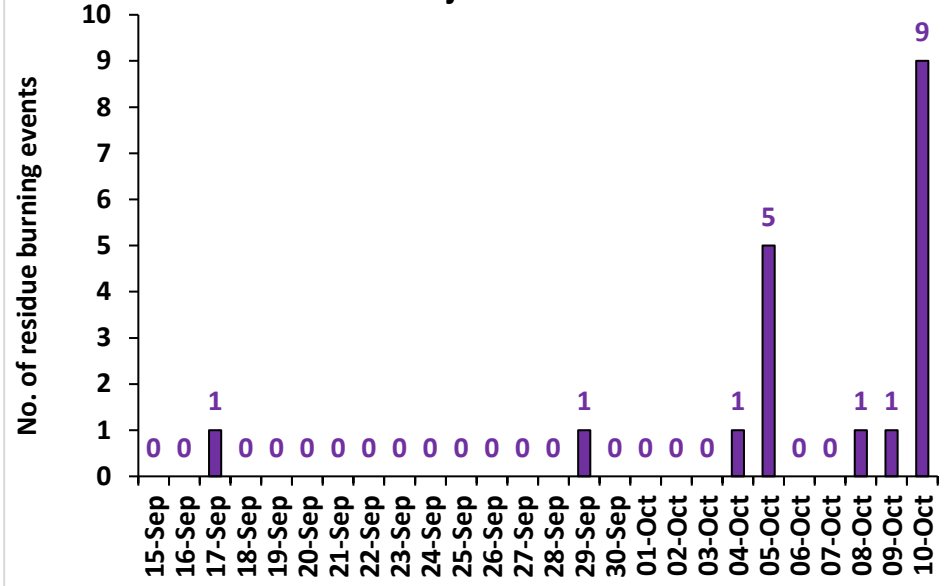
Temporal distribution of rice residue burning events for the study States in 2025



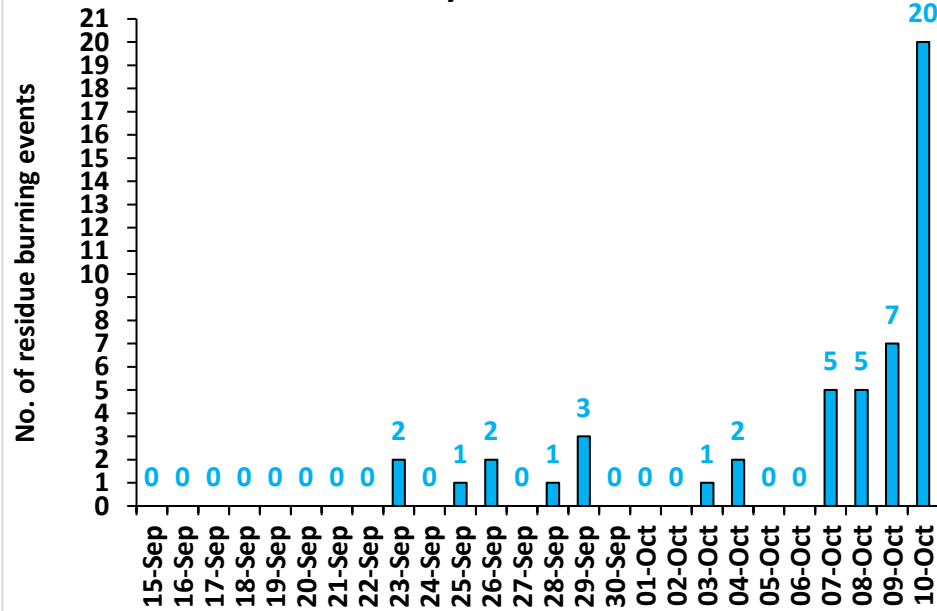
Uttar Pradesh



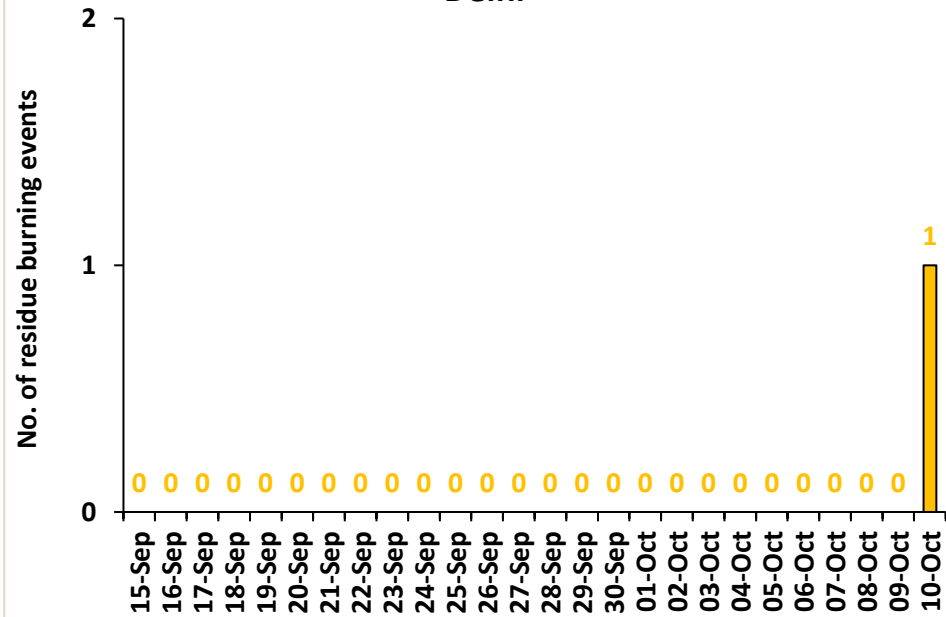
Rajasthan



Madhya Pradesh

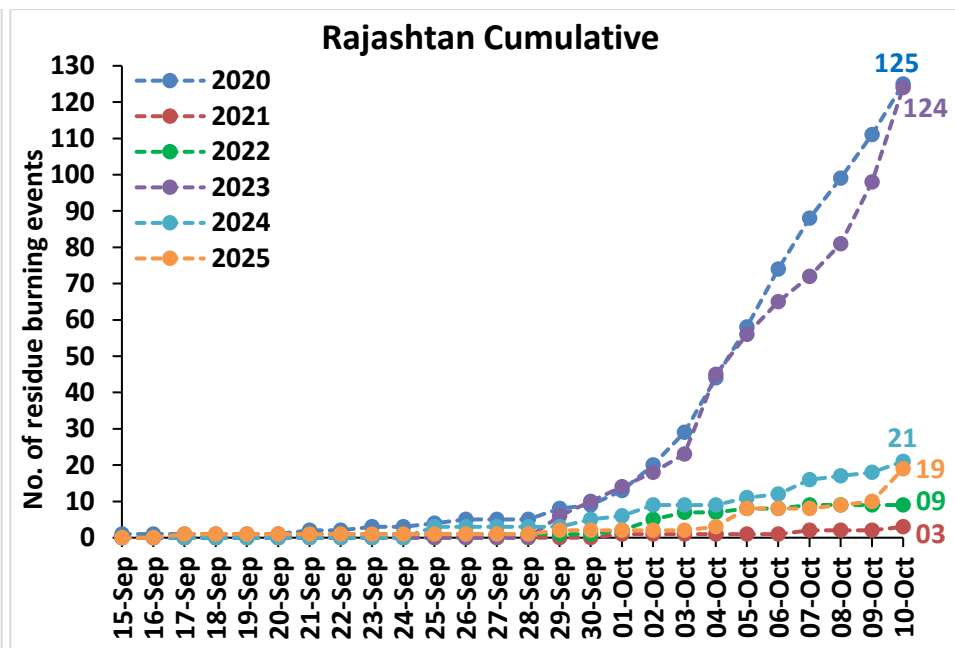
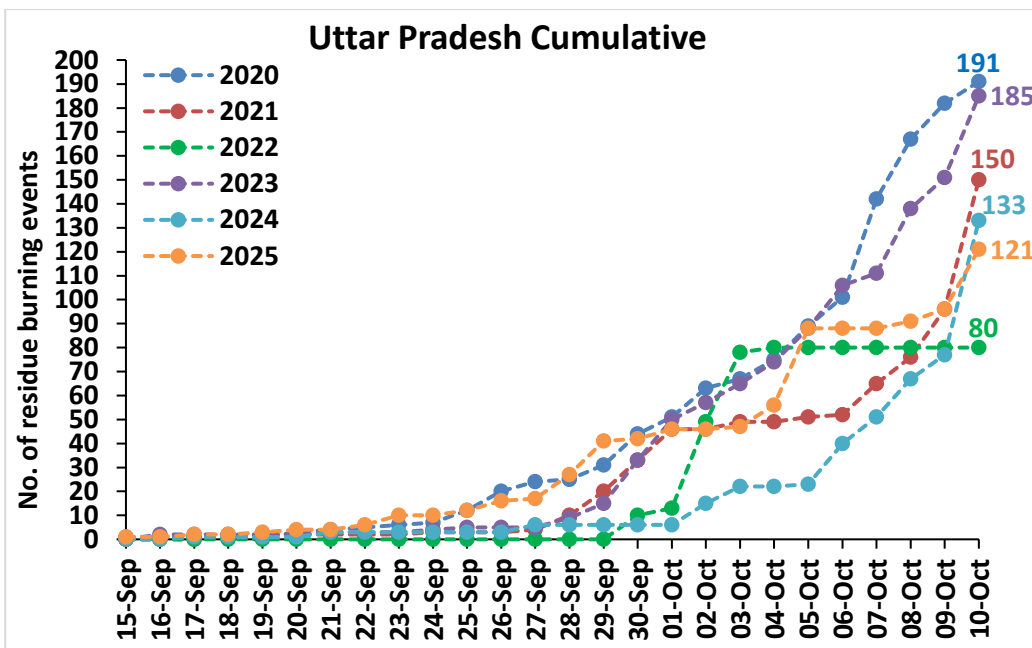
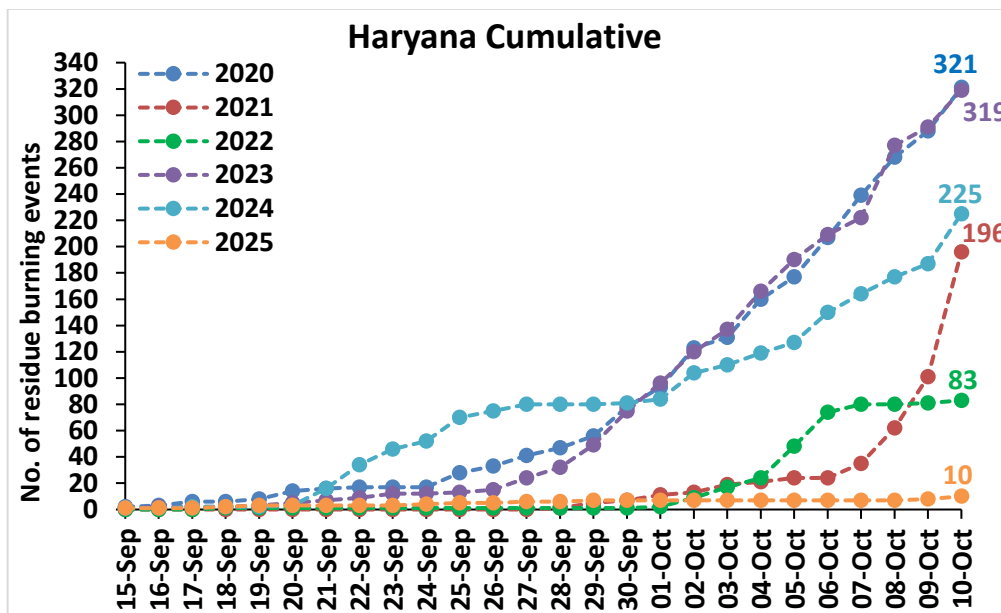
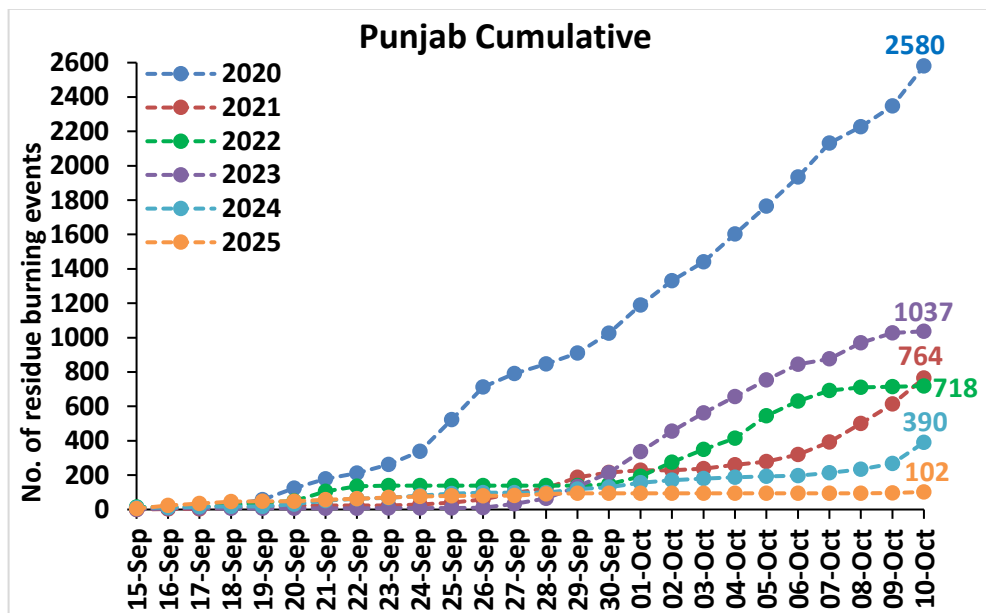


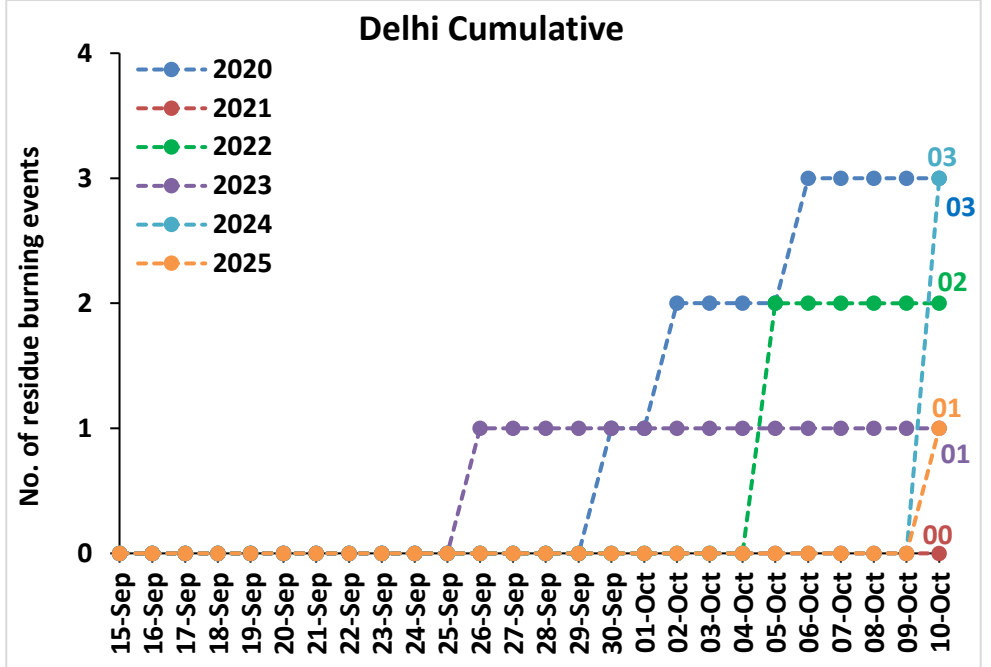
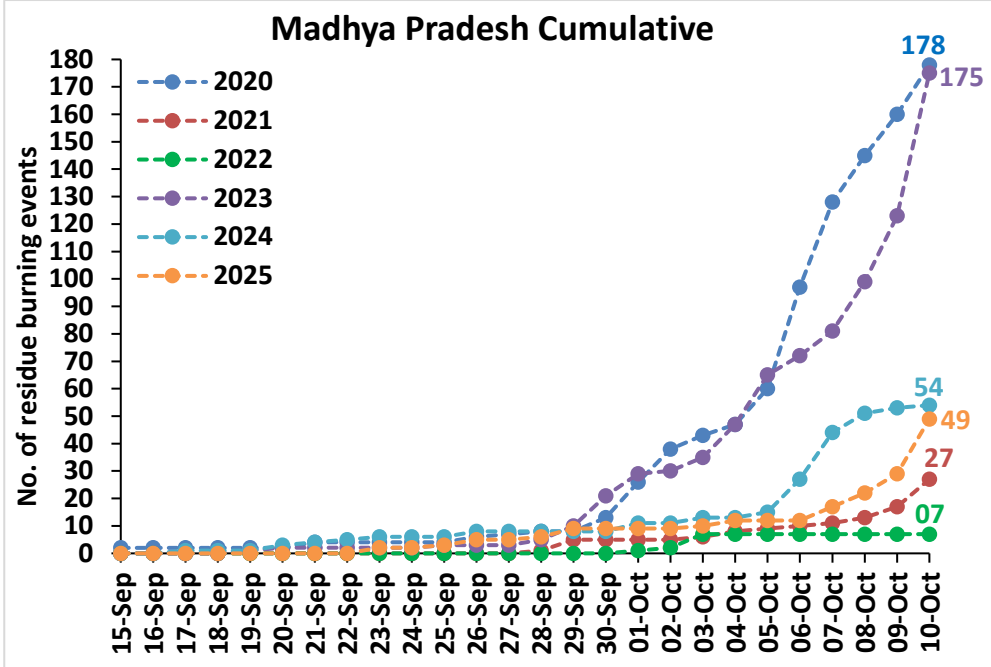
Delhi



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

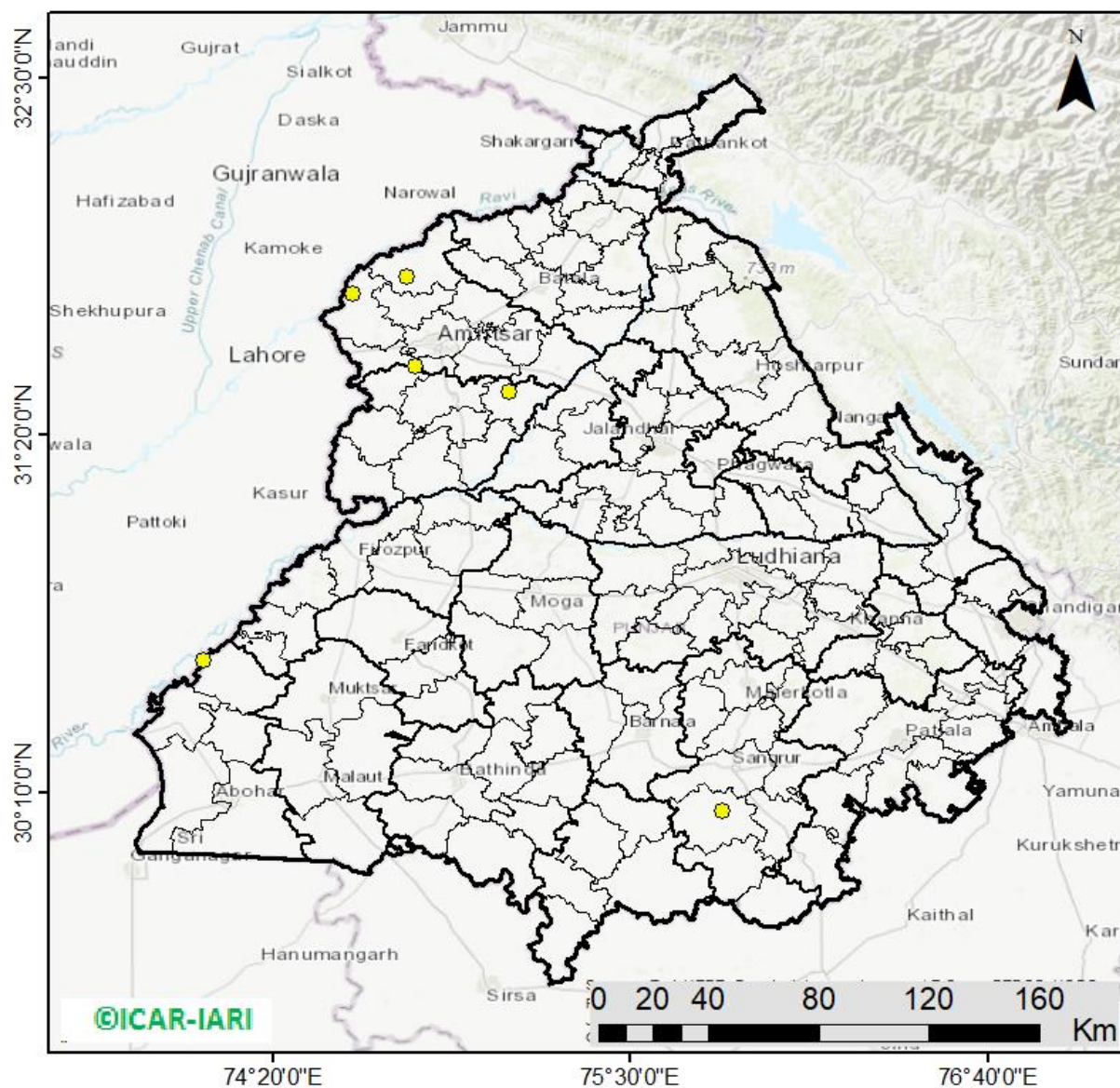
States





Punjab

RICE RESIDUE BURNING IN PUNJAB



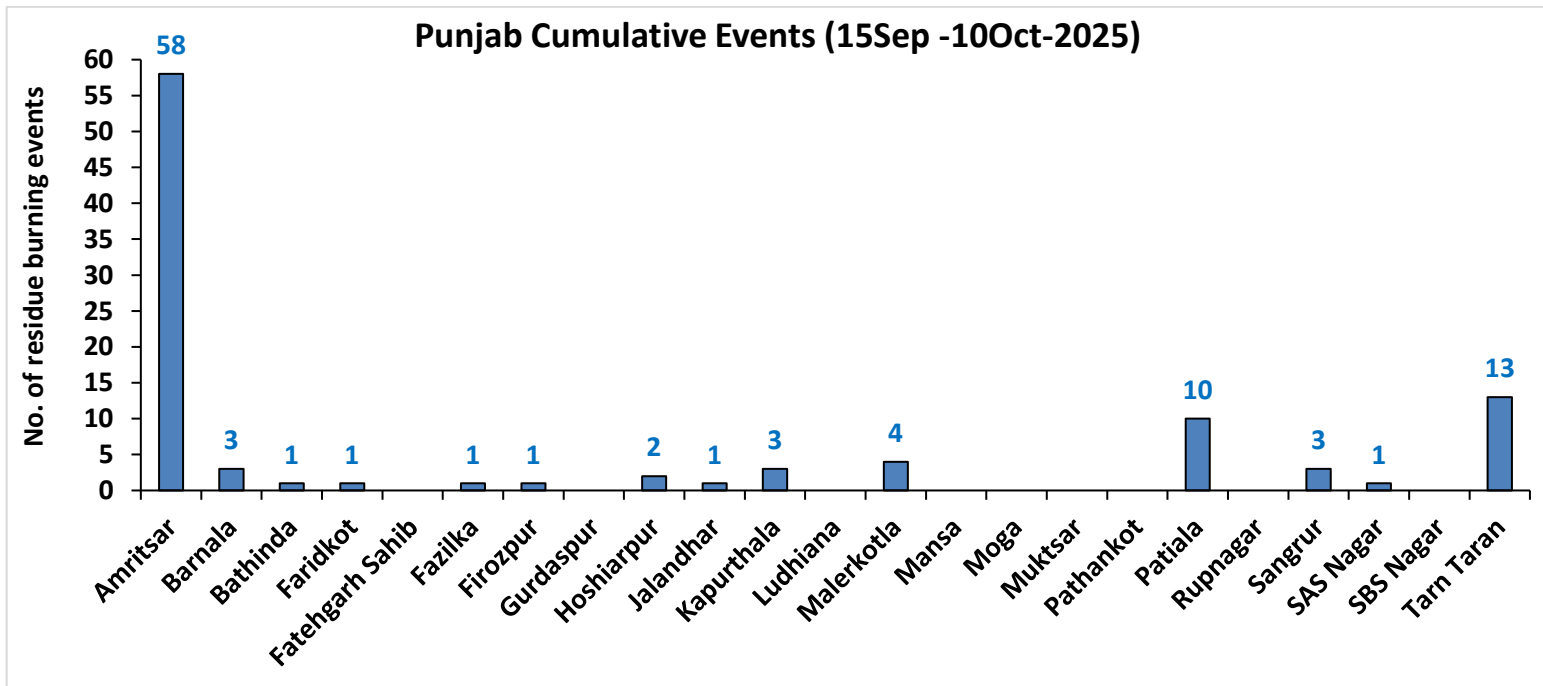
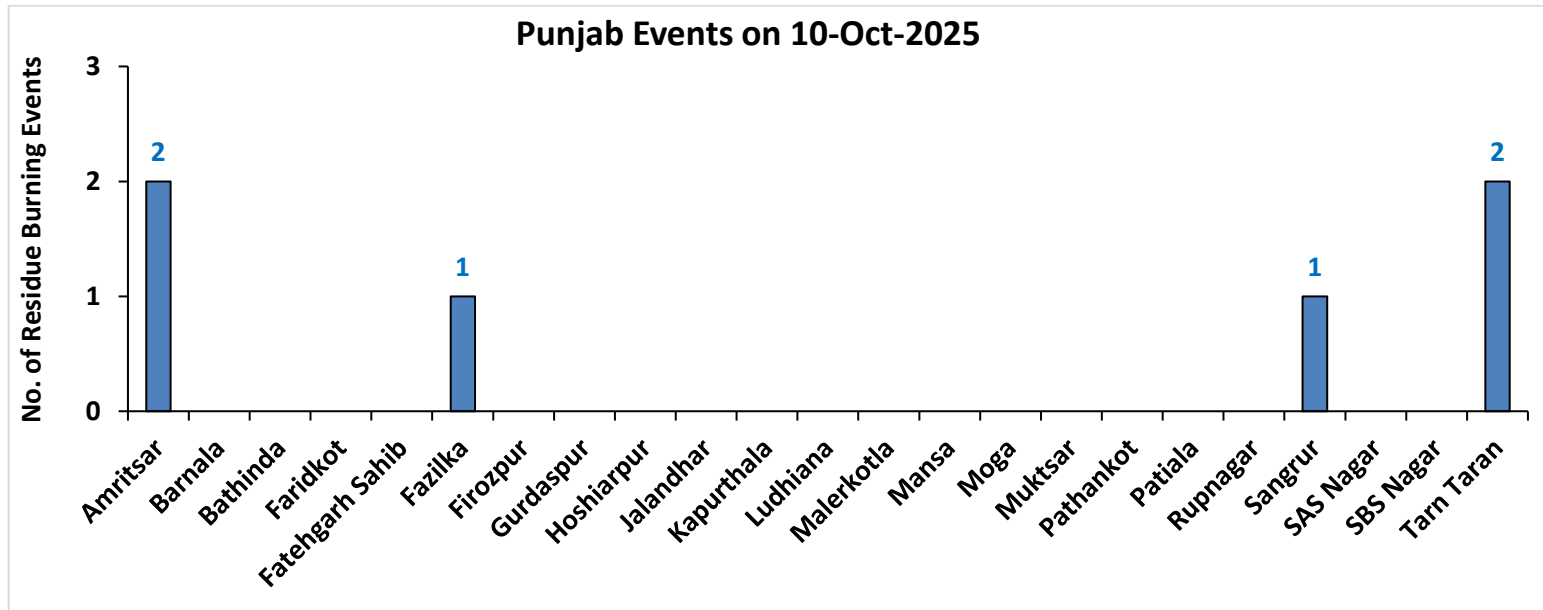
06 burning events detected in Punjab during (10th Oct 2025)

Fire Intensity (W/m²)

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

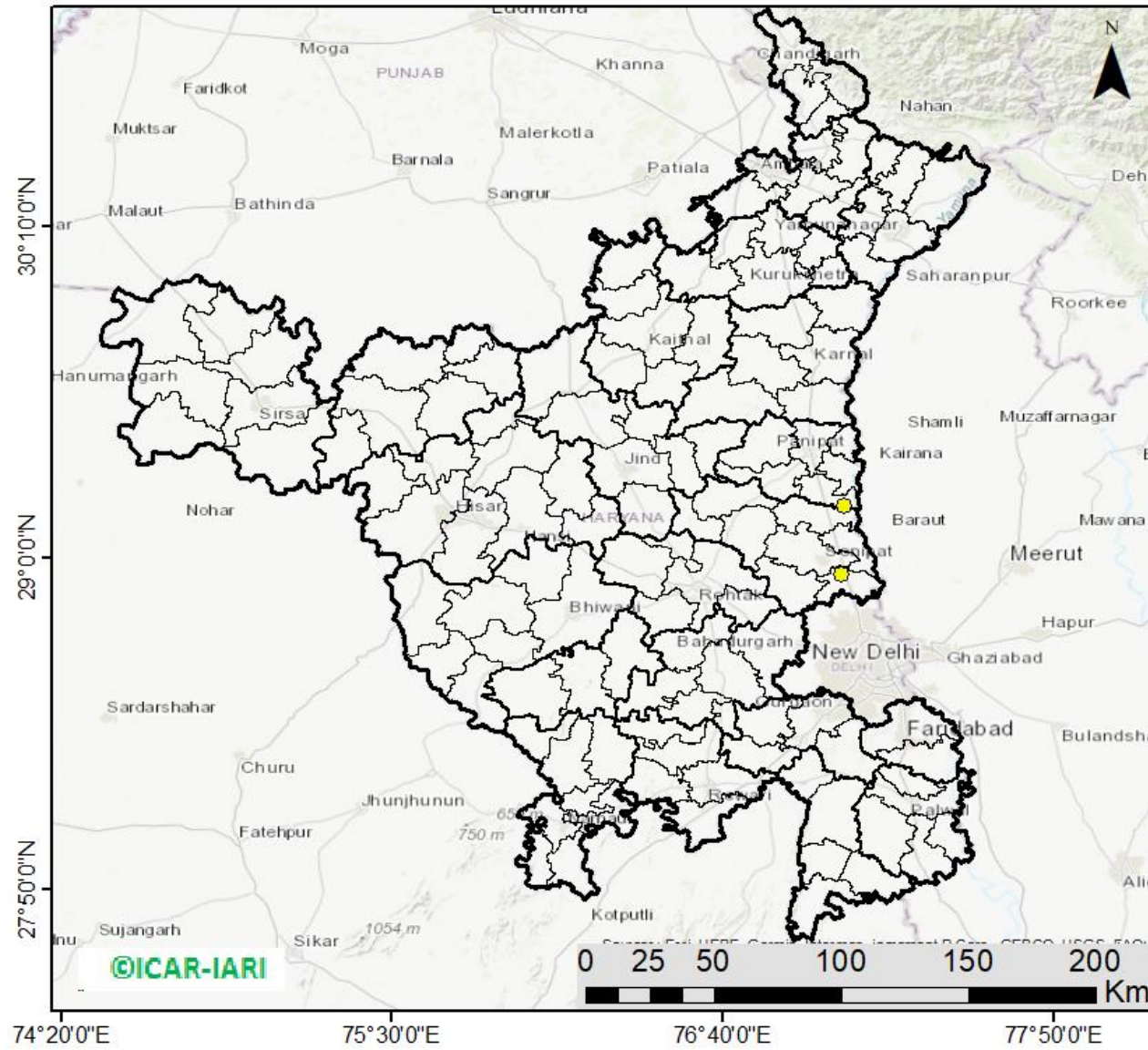


District-wise cumulative number of residues burning events in Punjab (15Sep-10Oct-2025)



Haryana

RICE RESIDUE BURNING IN HARYANA



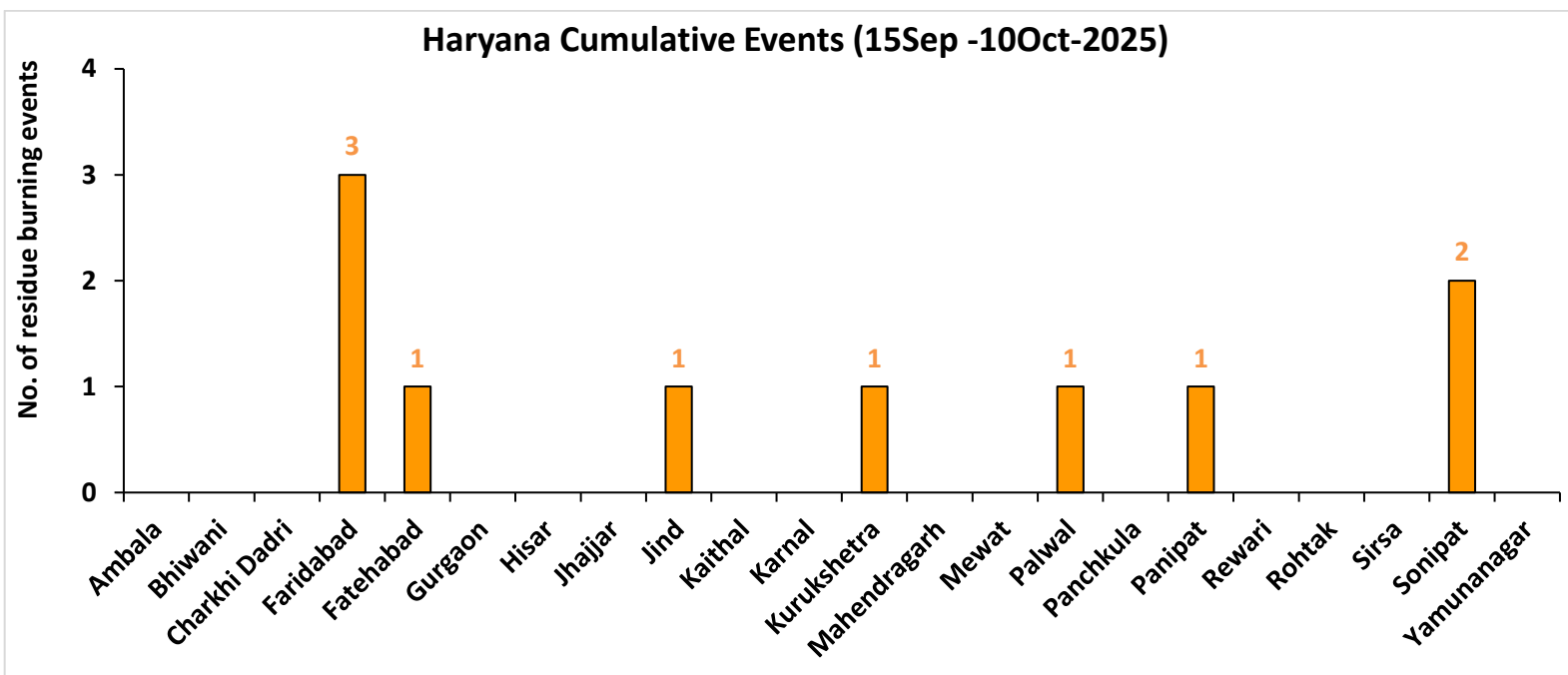
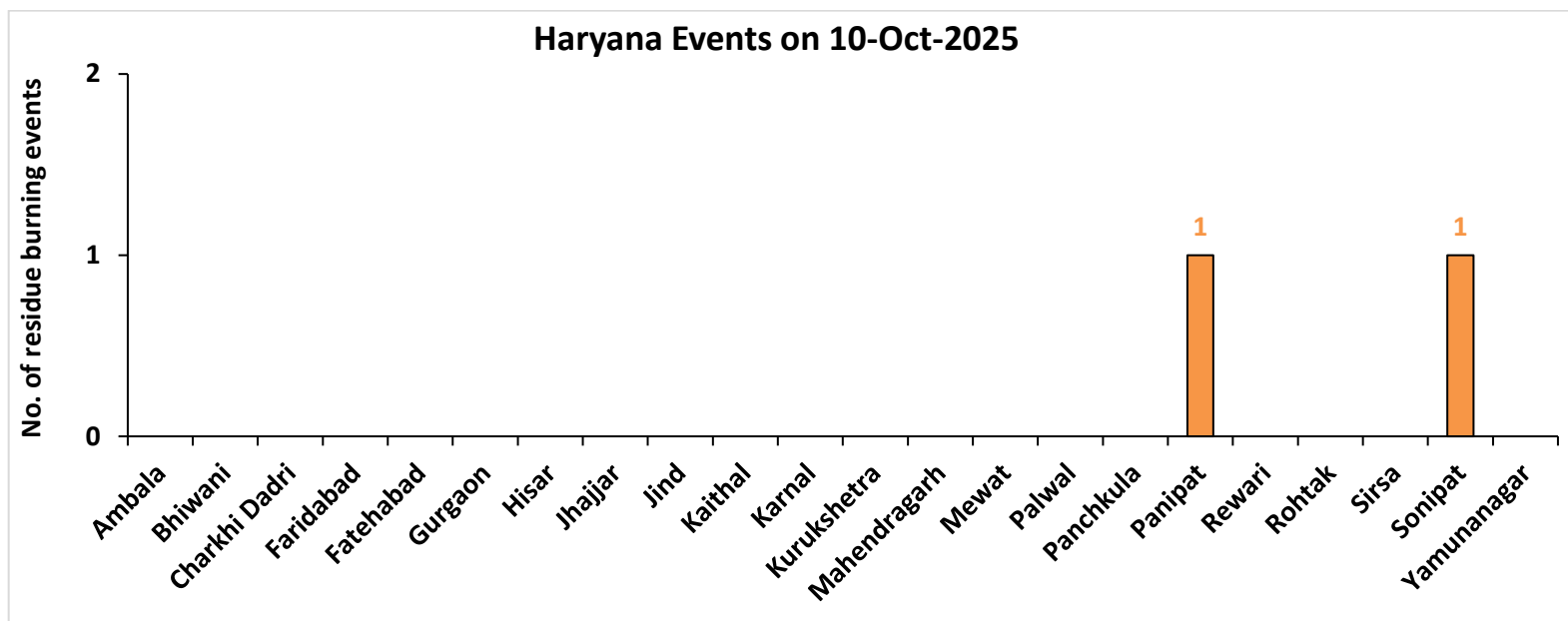
02 burning events detected in Haryana on (10th Oct 2025)

Fire Intensity (W/m²)

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

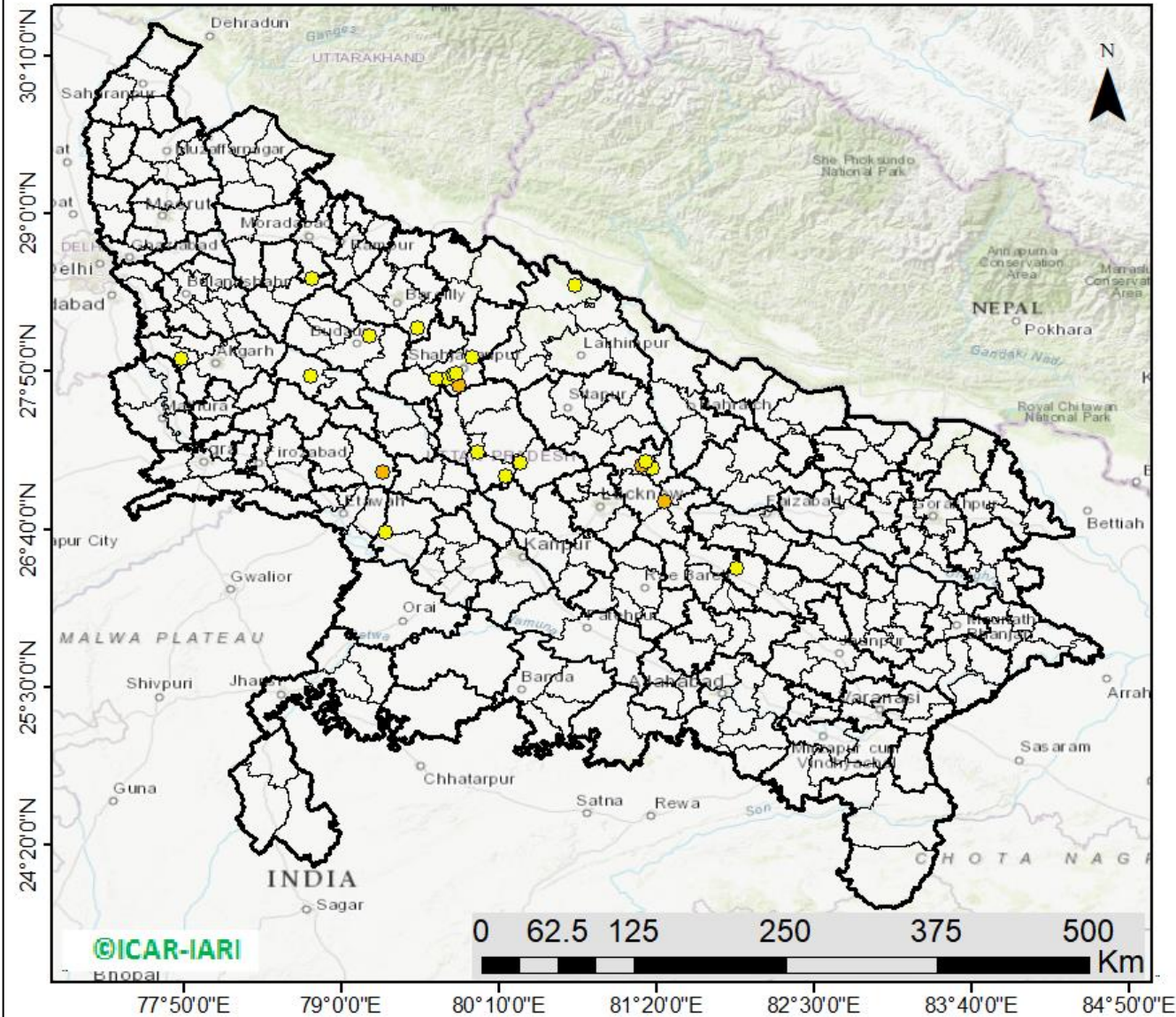


District-wise cumulative number of residues burning events in Haryana (15Sep-10Oct-2025)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



25 burning events detected in Uttar Pradesh on (10th Oct 2025)

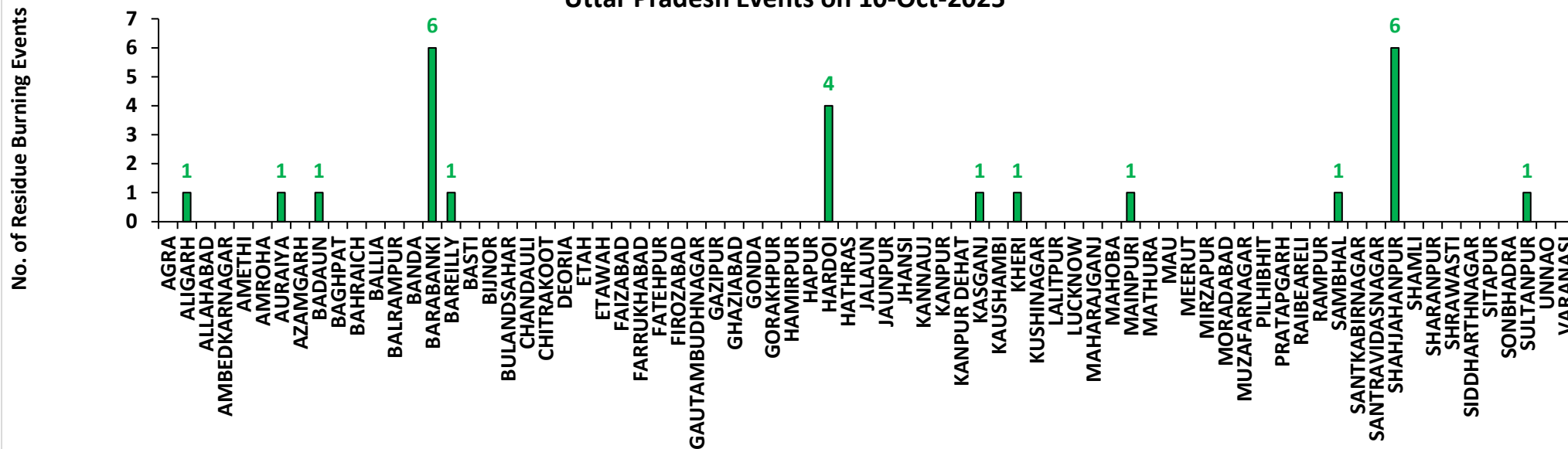
Fire Intensity (W/m²)

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

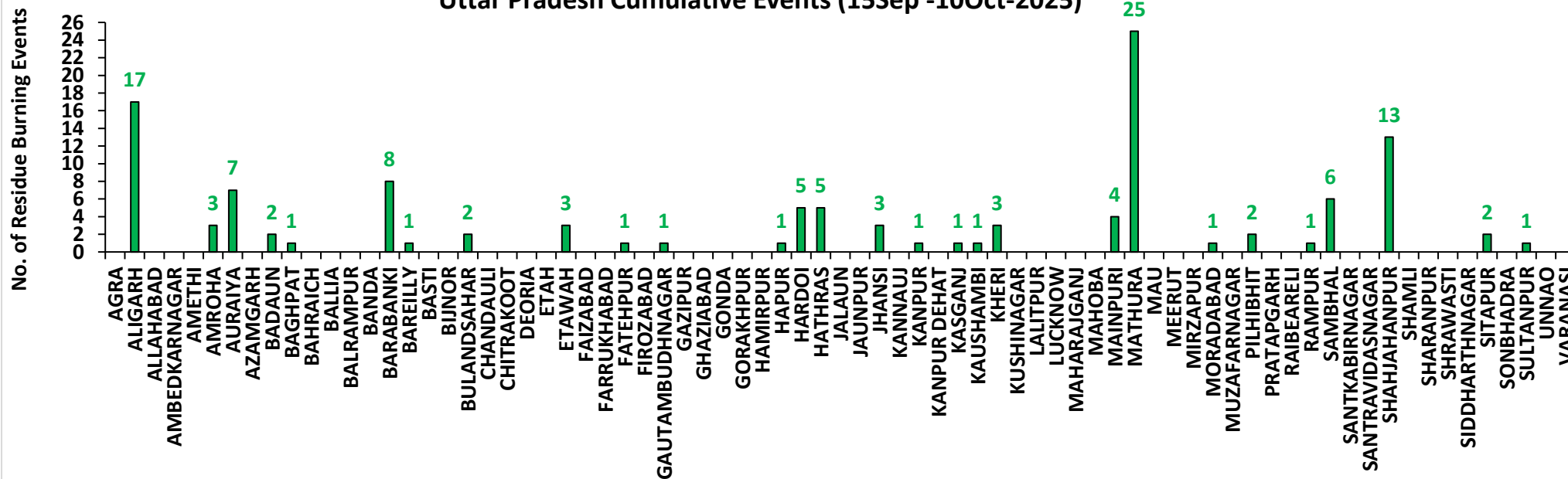


District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-10Oct-2025)

Uttar Pradesh Events on 10-Oct-2025

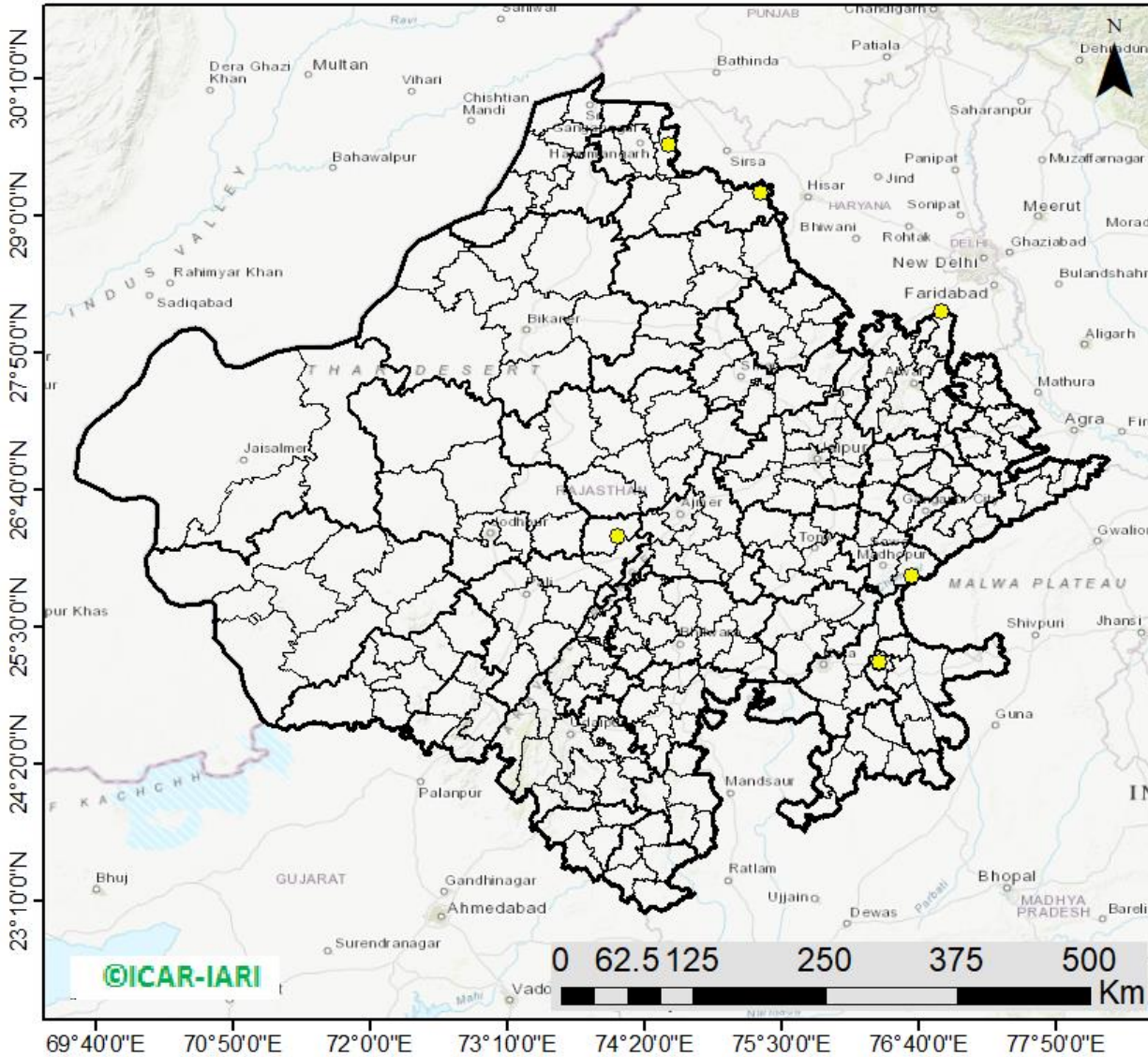


Uttar Pradesh Cumulative Events (15Sep -10Oct-2025)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



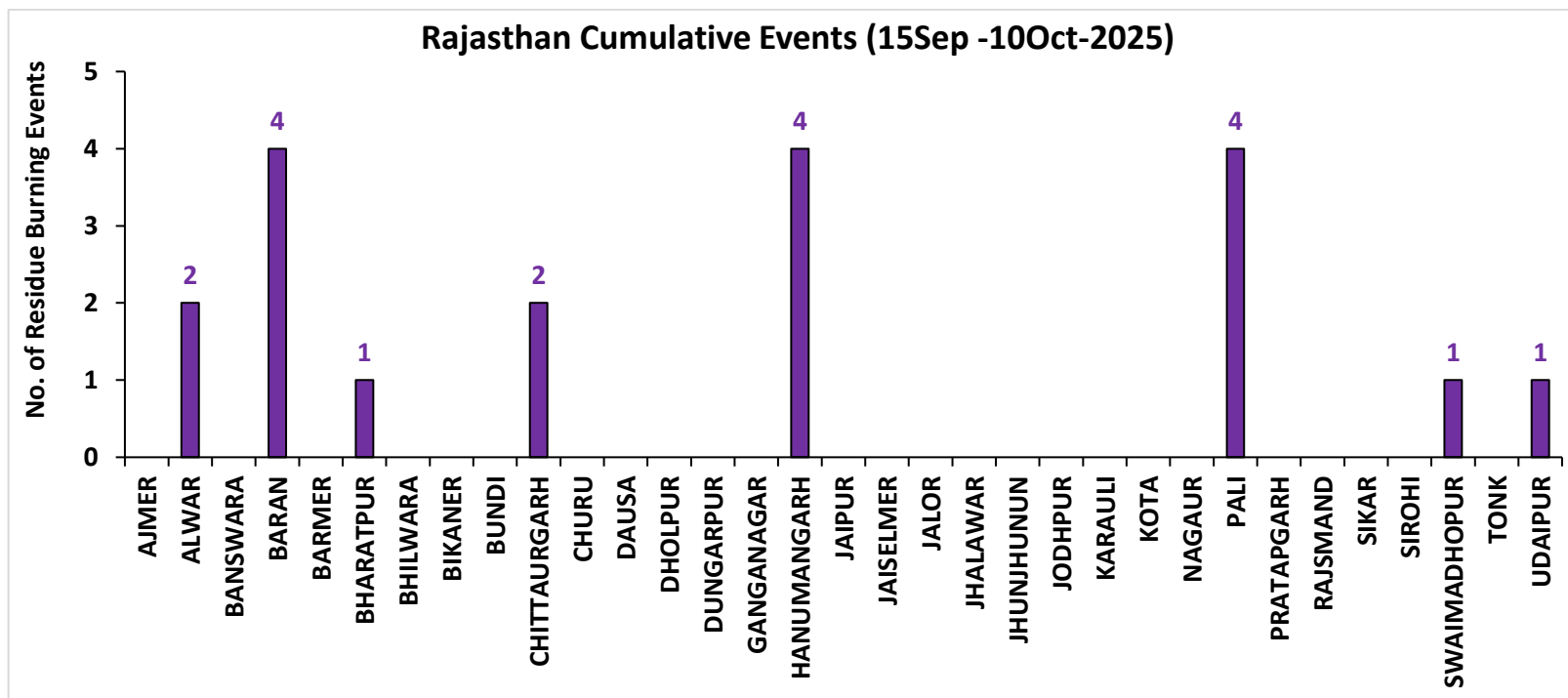
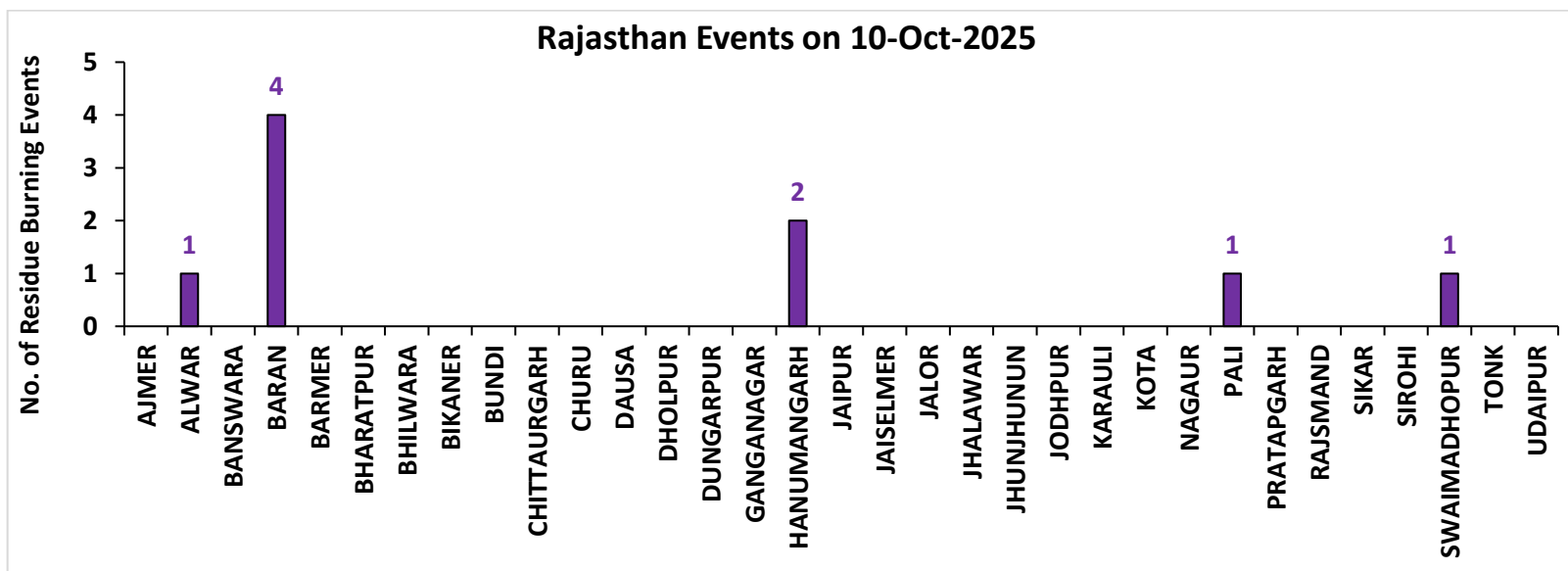
09 burning events
detected in Rajasthan on
(10th Oct 2025)

Fire Intensity (W/m²)

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

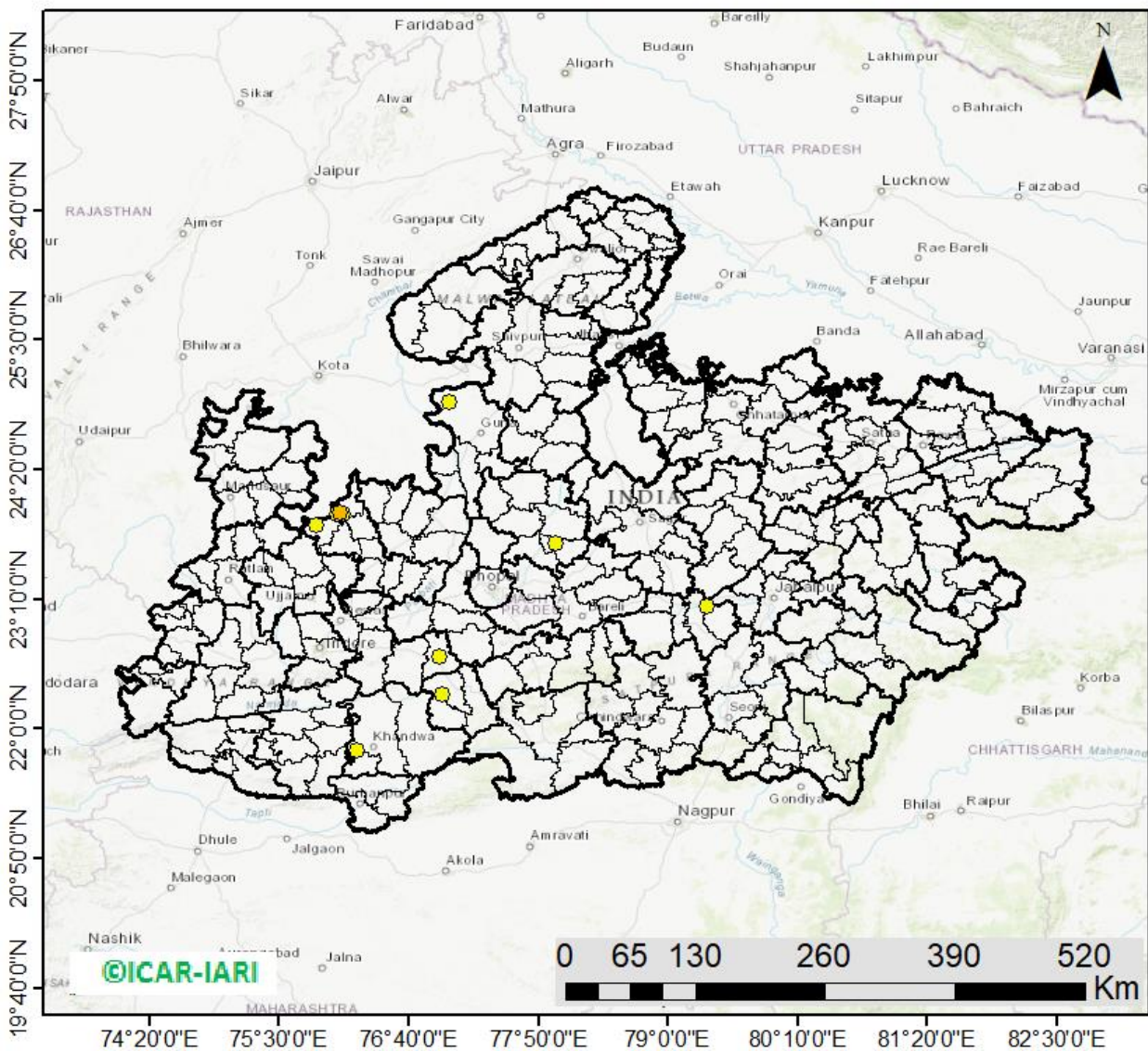


District-wise cumulative number of residues burning events in Rajasthan (15Sep-10Oct-2025)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



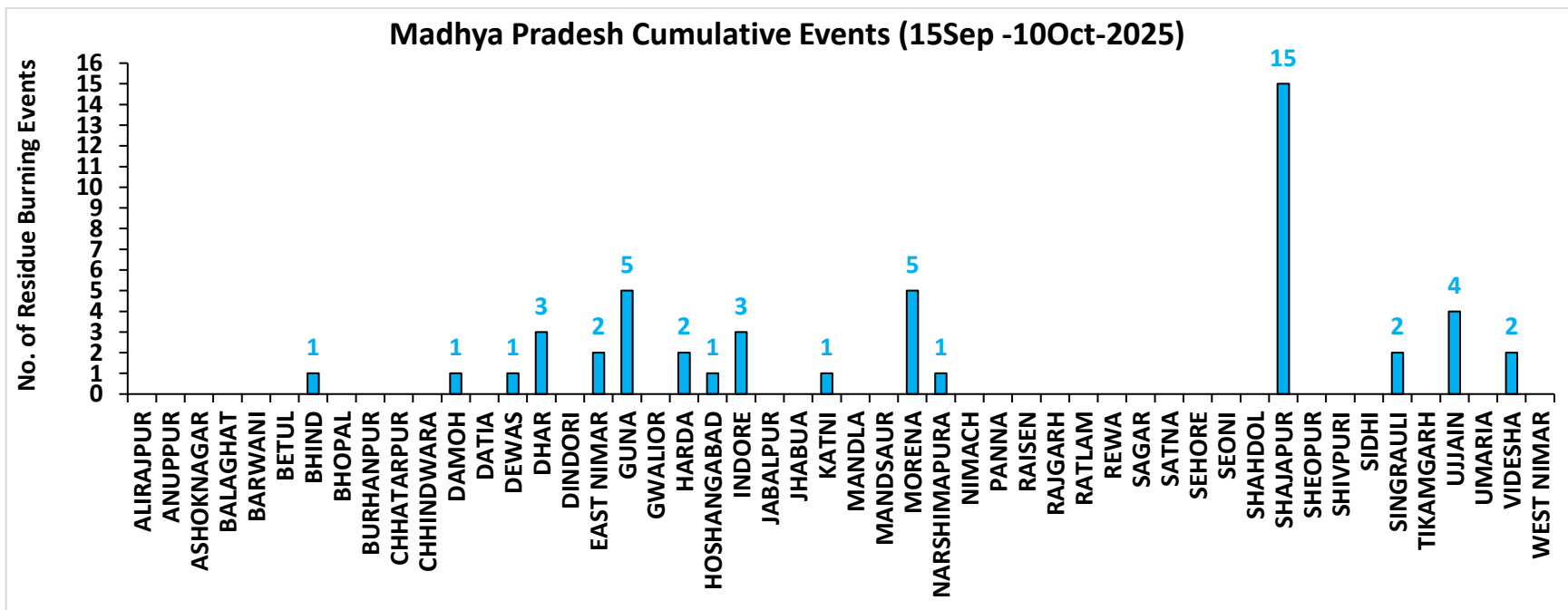
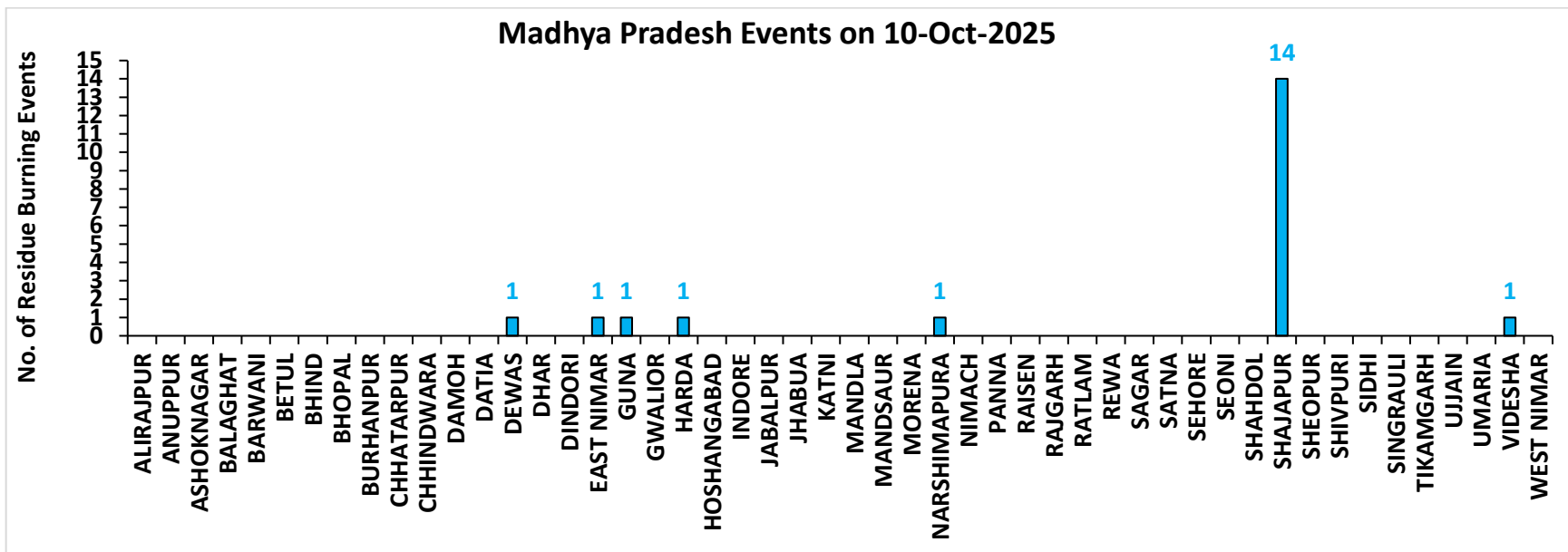
20 burning events
detected in MP on
(10th Oct 2025)

Fire Intensity (W/m^2)

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

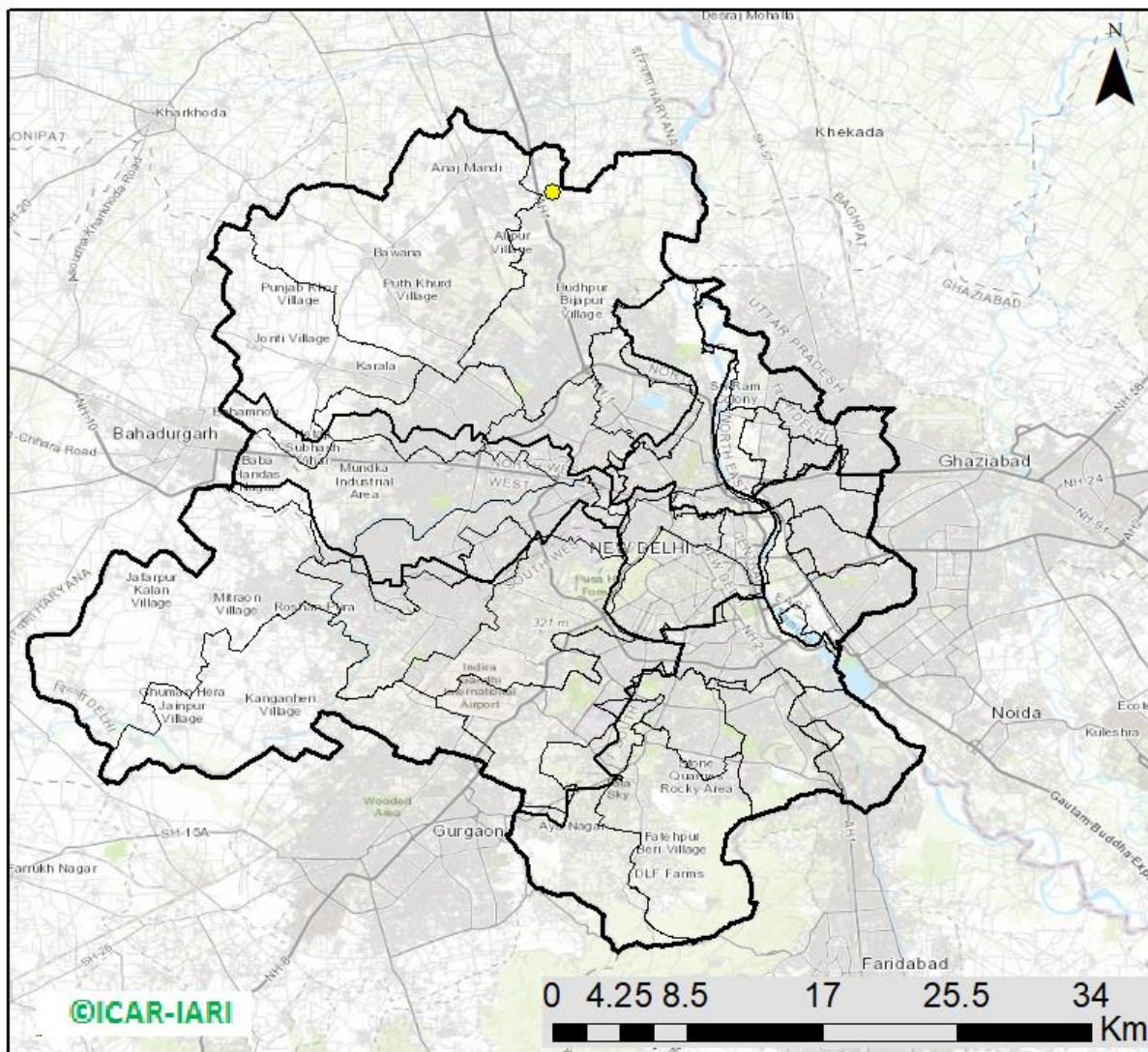


District-wise cumulative number of residues burning events in Madhya Pradesh (15Sep-10Oct-2025)



Delhi

RICE RESIDUE BURNING IN DELHI



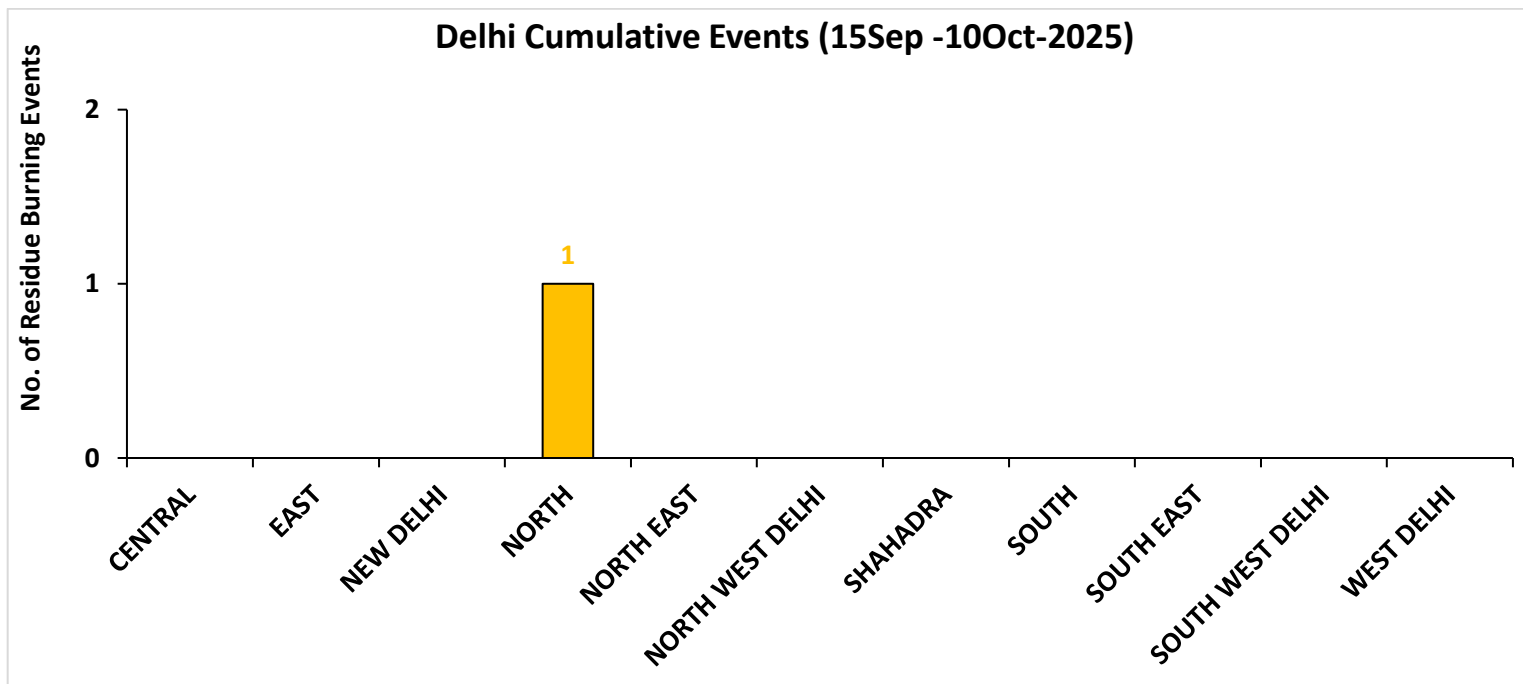
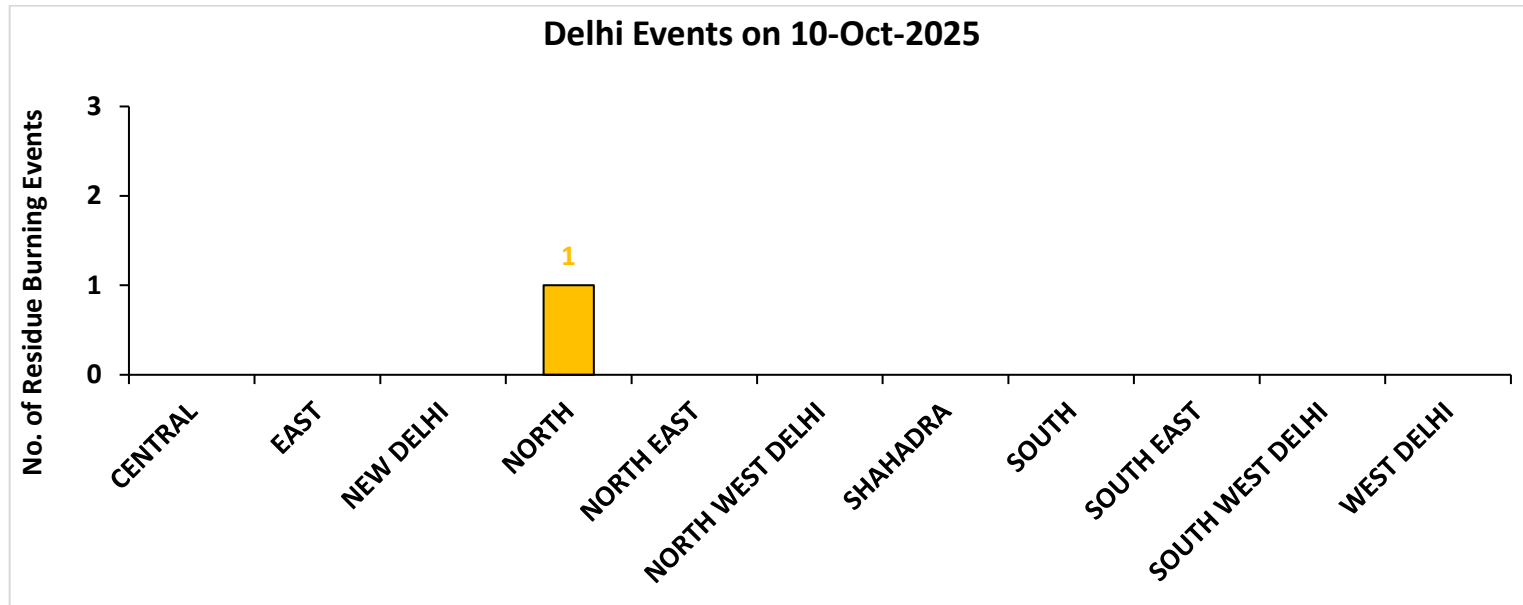
01 burning events detected in Delhi on (10th Oct 2025)

Fire Intensity (W/m²)

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



District-wise cumulative number of residues burning events in Delhi (15Sep-10Oct-2025)



District-wise cumulative number of residues burning events detected in 2020, 2021, 2022, 2023, 2024 and 2025
(Period: 15 September -10 October)

(a) Punjab

District	15 Sep- 10 Oct					
	2020	2021	2022	2023	2024	2025
Amritsar	1338	318	456	568	161	58
Barnala	5	4	3	6	1	3
Bathinda	7	0	0	0	1	1
Faridkot	22	20	3	8	1	1
Fatehgarh Sahib	35	28	4	11	8	0
Fazilka	2	3	0	3	3	1
Firozpur	76	25	16	25	25	1
Gurdaspur	118	20	9	10	16	0
Hoshiarpur	5	0	0	2	0	2
Jalandhar	30	16	13	16	10	1
Kapurthala	44	26	23	61	27	3
Ludhiana	67	57	12	9	3	0
Malerkotla	0	0	0	2	4	4
Mansa	6	1	1	6	7	0
Moga	19	7	2	2	1	0
Muktsar	2	2	1	0	0	0
Pathankot	0	0	0	0	0	0
Patiala	175	62	26	78	27	10
Rupnagar	10	2	0	1	2	0
Sangrur	58	9	12	32	24	3
SAS NAGAR (Mohali)	14	11	4	40	9	1
SBS Nagar	6	2	2	2	2	0
Tarn Taran	541	151	131	155	58	13
Total	2580	764	718	1037	390	102

(b) Haryana

District	15 Sep- 10 Oct					
	2020	2021	2022	2023	2024	2025
AMBALA	48	13	10	59	19	0
BHIWANI	0	0	0	1	0	0
CHARKHI DADRI	0	0	0	0	0	0
FARIDABAD	0	1	0	1	13	3
FATEHABAD	22	5	3	40	10	1
GURGAON	0	0	0	0	0	0
HISAR	4	0	0	13	5	0
JHAJJAR	1	0	0	2	0	0
JIND	3	6	8	31	17	1
KAITHAL	45	43	9	24	24	0
KARNAL	83	69	20	20	42	0
KURUKSHETRA	71	42	27	49	43	1
MAHENDRAGARH	0	0	0	0	0	0
MEWAT	0	0	0	0	0	0
PALWAL	5	5	0	7	12	1
PANCHKULA	0	0	0	0	2	0
PANIPAT	6	2	1	11	9	1
REWARI	0	0	0	0	0	0
ROHTAK	0	0	0	1	3	0
SIRSA	2	0	0	1	4	0
SONIPAT	6	1	2	31	10	2
YAMUNANAGAR	25	9	3	28	12	0
Total	321	196	83	319	225	10

(c) Uttar Pradesh

District	15 Sep- 10 Oct																			
	2020	2021	2022	2023	2024	2025	GAUTAMBU DHNAGAR	1	1	0	4	5	1	MUZAFARNAGAR	2	0	0	0	0	0
AGRA	0	0	0	0	0	0	GAZIPUR	0	0	0	0	0	0	PILHIBHIT	4	4	2	20	1	2
ALIGARH	16	2	1	47	42	17	GHAZIABAD	1	2	1	5	6	0	PRATAPGARH	0	0	0	0	0	0
ALLAHABAD	0	0	0	0	0	0	GONDA	0	0	0	0	0	0	RAIBEARELI	1	0	0	0	0	0
AMBEDKARNA GAR	0	0	0	0	0	0	GORAKHPU R	0	0	0	0	0	0	RAMPUR	5	14	0	5	1	1
AMETHI	0	0	0	0	0	0	HAMIRPUR	0	0	0	0	0	0	SAMBHAL	6	1	4	8	22	6
AMROHA	1	0	0	2	0	3	HAPUR	3	0	0	0	1	1	SANTKABIRNAGAR	0	0	0	0	0	0
AURAIYA	12	0	4	3	1	7	HARDOI	2	3	0	3	0	5	SANTRAVIDASNAG AR	0	0	0	0	0	0
AZAMGARH	0	0	0	0	0	0	HATHRAS	0	0	0	2	2	5	SHAHJAHANPUR	12	83	53	19	3	13
BADAUN	0	0	0	0	2	2	JALAUN	0	0	0	0	0	0	SHAMLI	17	5	2	2	1	0
BAGHPAT	1	0	0	0	0	1	JAUNPUR	0	0	0	0	0	0	SHARANPUR	14	0	0	0	0	0
BAHRAICH	2	0	0	0	0	0	JHANSI	5	0	0	2	0	3	SHRAWASTI	0	0	0	0	0	0
BALLIA	0	0	0	0	1	0	KANNAUJ	2	0	0	0	0	0	SIDDHARTHANAGAR	0	0	0	0	0	0
BALRAMPUR	0	0	0	0	0	0	KANPUR	0	1	0	0	0	1	SITAPUR	4	1	0	1	1	2
BANDA	0	0	0	0	0	0	KANPUR DEHAT	1	0	0	0	0	0	SONBHADRA	0	0	0	0	0	0
BARABANKI	7	0	0	8	0	8	KASGANJ	1	0	0	0	1	1	SULTANPUR	0	0	0	0	0	1
BAREILLY	5	4	0	6	0	1	KAUSHAMBI	6	1	0	1	1	1	UNNAO	2	0	0	2	0	0
BASTI	2	0	0	0	0	0	KHERI	15	14	8	1	2	3	VARANASI	0	0	0	0	0	0
BIJNOR	3	1	1	1	1	0	KUSHINAGA R	0	0	0	0	0	0	Total	191	150	80	185	133	121
BULANDSAHAR	3	1	2	3	16	2	LALITPUR	0	1	2	0	0	0							
CHANDAULI	0	0	0	0	0	0	LUCKNOW	2	0	0	1	0	0							
CHITRAKOOT	0	0	0	0	0	0	MAHARAJG ANJ	0	0	0	0	0	0							
DEORIA	0	0	0	2	0	0	MAHOBA	0	0	0	0	0	0							
ETAH	4	1	0	7	0	0	MAINPURI	0	2	0	3	0	4							
ETAWAH	2	3	0	5	0	3	MATHURA	4	4	0	16	16	25							
FAIZABAD	0	0	0	0	4	0	MAU	0	0	0	0	0	0							
FARRUKHABAD	0	0	0	0	0	0	MEERUT	9	0	0	2	0	0							
FATEHPUR	7	0	0	2	0	1	MIRZAPUR	5	0	0	0	0	0							
FIROZABAD	1	0	0	0	0	0	MORADABA D	1	1	0	2	3	1							

(d) Delhi

District	15 Sep- 10 Oct					
	2020	2021	2022	2023	2024	2025
CENTRAL	0	0	0	0	0	0
EAST	0	0	0	0	0	0
NEW DELHI	0	0	0	0	0	0
NORTH	2	0	2	1	3	1
NORTH EAST	0	0	0	0	0	0
NORTH WEST DELHI	0	0	0	0	0	0
SHAHADRA	0	0	0	0	0	0
SOUTH	1	0	0	0	0	0
SOUTH EAST	0	0	0	0	0	0
SOUTH WEST DELHI	0	0	0	0	0	0
WEST DELHI	0	0	0	0	0	0
Total	3	0	2	1	3	1

(e) Rajasthan

District	15 Sep- 10 Oct					
	2020	2021	2022	2023	2024	2025
AJMER	0	0	0	0	0	0
ALWAR	1	0	0	0	0	2
BANSWARA	0	0	0	0	0	0
BARAN	59	0	3	50	2	4
BARMER	2	0	0	0	0	0
BHARATPUR	0	0	0	2	1	1
BHILWARA	2	0	0	0	0	0
BIKANER	0	0	0	0	0	0
BUNDI	1	0	3	6	1	0
CHITTAURGARH	0	1	0	4	1	2
CHURU	0	0	0	0	0	0
DAUSA	0	0	0	0	0	0
DHOLPUR	0	0	0	0	0	0
DUNGARPUR	0	0	0	0	0	0
GANGANAGAR	2	0	0	6	3	0
HANUMANGARH	32	2	2	20	13	4
JAIPUR	0	0	0	0	0	0
JAISELMER	2	0	0	0	0	0
JALOR	0	0	0	0	0	0
JHALAWAR	0	0	0	4	0	0
JHUNJHUNUN	1	0	0	0	0	0
JODHPUR	1	0	0	0	0	0
KARALI	1	0	0	0	0	0
KOTA	17	0	1	29	0	0
NAGPUR	0	0	0	0	0	0
PALI	1	0	0	0	0	4
PRATAPGARH	0	0	0	0	0	0
RAJSMAND	0	0	0	0	0	0
SIKAR	0	0	0	0	0	0
SIROHI	1	0	0	0	0	0
SWAIMADHOPUR	1	0	0	3	0	1
TONK	1	0	0	0	0	0
UDAIPUR	0	0	0	0	0	1
Total	125	3	9	124	21	19

(f) Madhya Pradesh

District	15 Sep- 10 Oct													
	2020	2021	2022	2023	2024	2025	PANNA	1	0	0	0	0	0	
ALIRAJPUR	0	0	0	0	0	0	RAISEN	2	0	0	1	0	0	
ANUPPUR	0	0	0	0	0	0	RAJGARH	6	1	2	5	1	0	
ASHOKNAGAR	7	0	0	7	2	0	RATLAM	0	0	0	1	0	0	
BALAGHAT	0	0	0	0	0	0	REWA	2	0	0	0	0	0	
BARWANI	0	0	0	0	0	0	SAGAR	9	2	1	4	3	0	
BETUL	0	0	0	0	0	0	SATNA	3	0	0	1	0	0	
BHIND	0	0	0	6	0	1	SEHORE	4	0	1	8	3	0	
BHOPAL	2	2	0	5	0	0	SEONI	2	1	0	0	0	0	
BURHANPUR	0	0	0	0	0	0	SHAHDOL	0	0	0	0	0	0	
CHHATARPUR	2	0	0	1	0	0	SHAJAPUR	4	0	0	6	1	15	
CHHINDWARA	0	0	0	0	1	0	SHEOPUR	3	0	0	3	0	0	
DAMOH	6	1	0	7	3	1	SHIVPURI	3	0	0	1	1	0	
DATIA	8	2	0	7	0	0	SIDHI	0	0	0	0	0	0	
DEWAS	3	0	0	4	1	1	SINGRAULI	0	0	0	0	2	2	
DHAR	15	0	0	16	3	3	TIKAMGARH	1	0	0	0	0	0	
DINDORI	0	0	0	0	0	0	UJJAIN	5	0	0	6	1	4	
EAST NIMAR	0	1	0	0	1	2	UMARIA	0	0	0	0	0	0	
GUNA	8	1	1	33	7	5	VIDESHA	37	5	1	13	10	2	
GWALIOR	17	0	1	4	0	0	WEST NIMAR	1	0	0	0	2	0	
HARDA	8	7	0	8	0	2	Total	178	27	7	175	54	49	
HOSHANGABAD	5	0	0	4	0	1								
INDORE	2	0	0	9	4	3								
JABALPUR	6	1	0	3	5	0								
JHABUA	0	0	0	0	0	0								
KATNI	0	0	0	0	0	1								
MANDLA	0	0	0	0	0	0								
MANDSAUR	0	0	0	1	0	0								
MORENA	5	2	0	10	2	5								
NARSHIMAPURA	1	1	0	1	1	1								
NIMACH	0	0	0	0	0	0								

State-wise and date-wise number of paddy residue burning events detected in 2020 ,2021 ,2022, 2023, 2024 and 2025

(Period: 15 September -10 October)

Number of Paddy Residue Burning Events Detected

Date	Punjab						Haryana						Uttar Pradesh					
	2020	2021	2022	2023	2024	2025	2020	2021	2022	2023	2024	2025	2020	2021	2022	2023	2024	2025
15-Sep	5	0	14	0	11	5	2	0	0	1	1	1	1	0	0	0	0	1
16-Sep	0	2	0	6	0	18	1	0	0	1	0	0	0	0	0	2	0	0
17-Sep	5	0	1	0	5	11	3	0	0	0	1	0	0	0	0	0	1	0
18-Sep	17	9	7	0	2	12	0	0	1	0	0	1	0	1	0	0	0	1
19-Sep	30	5	18	0	0	1	2	0	0	1	0	1	0	1	0	0	0	1
20-Sep	67	8	10	0	13	1	6	0	0	2	1	0	2	0	0	0	0	1
21-Sep	54	0	56	1	21	8	2	0	0	2	13	0	1	0	0	1	2	0
22-Sep	34	0	30	0	11	6	1	0	0	2	18	0	1	0	0	0	0	2
23-Sep	49	0	3	1	6	8	0	0	0	3	12	0	1	0	0	0	0	4
24-Sep	78	5	0	0	12	5	0	0	0	0	6	1	1	1	0	1	0	0
25-Sep	184	11	0	0	12	4	11	0	0	1	18	1	5	0	0	1	0	2
26-Sep	190	19	0	3	5	1	5	0	0	2	5	0	8	0	0	0	0	4
27-Sep	78	37	0	21	0	2	8	0	0	9	5	1	4	1	0	0	3	1
28-Sep	55	28	0	33	0	8	6	1	0	8	0	0	1	6	0	4	0	10
29-Sep	63	64	0	68	21	5	9	4	0	17	0	1	6	10	0	6	0	14
30-Sep	116	27	8	81	10	0	22	2	0	26	1	0	13	13	10	18	0	1
01-Oct	165	13	45	123	26	0	15	4	1	21	3	0	7	13	3	17	0	4
02-Oct	141	0	83	119	16	0	30	2	7	24	20	0	12	0	36	7	9	0
03-Oct	110	9	75	105	8	0	8	6	8	17	6	0	4	3	29	8	7	1
04-Oct	162	23	65	95	9	0	29	2	7	29	9	0	8	0	2	9	0	9
05-Oct	161	18	130	98	5	0	17	3	24	24	8	0	14	2	0	14	1	32
06-Oct	171	42	85	91	3	0	30	0	26	19	23	0	12	1	0	18	17	0
07-Oct	197	72	62	32	18	0	32	11	6	13	14	0	41	13	0	5	11	0
08-Oct	95	108	19	92	20	0	29	27	0	55	13	0	25	11	0	27	16	3
09-Oct	121	114	3	58	33	1	20	39	1	14	10	1	15	20	0	13	10	5
10-Oct	232	150	4	10	123	6	33	95	2	28	38	2	9	54	0	34	56	25
Total	2580	764	718	1037	390	102	321	196	83	319	225	10	191	150	80	185	133	121

Number of Paddy Residue Burning Events Detected

Delhi							Rajasthan						Madhya Pradesh					
Date	2020	2021	2022	2023	2024	2025	2020	2021	2022	2023	2024	2025	2020	2021	2022	2023	2024	2025
15-Sep	0	0	0	0	0	0	1	0	0	0	0	0	2	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
17-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
18-Sep	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	0	0	0	0	0	0	0	0	0	1	0	0
20-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
21-Sep	0	0	0	0	0	0	1	0	1	0	0	0	2	0	0	0	1	0
22-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
23-Sep	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2
24-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-Sep	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	1	0	1
26-Sep	0	0	0	1	0	0	1	0	0	0	0	0	2	0	0	0	2	2
27-Sep	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
28-Sep	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	1
29-Sep	0	0	0	0	0	0	3	0	0	6	0	1	0	4	0	5	0	3
30-Sep	1	0	0	0	0	0	1	0	0	4	2	0	5	0	0	11	0	0
01-Oct	0	0	0	0	0	0	4	1	1	4	1	0	13	0	1	8	3	0
02-Oct	1	0	0	0	0	0	7	0	3	4	3	0	12	0	1	1	0	0
03-Oct	0	0	0	0	0	0	9	0	2	5	0	0	5	1	5	5	2	1
04-Oct	0	0	0	0	0	0	15	0	0	22	0	1	4	2	0	12	0	2
05-Oct	0	0	2	0	0	0	14	0	1	11	2	5	13	1	0	18	2	0
06-Oct	1	0	0	0	0	0	16	0	0	9	1	0	37	1	0	7	12	0
07-Oct	0	0	0	0	0	0	14	1	1	7	4	0	31	1	0	9	17	5
08-Oct	0	0	0	0	0	0	11	0	0	9	1	1	17	2	0	18	7	5
09-Oct	0	0	0	0	0	0	12	0	0	17	1	1	15	4	0	24	2	7
10-Oct	0	0	0	0	3	1	14	1	0	26	3	9	18	10	0	52	1	20
Total	3	0	2	1	3	1	125	3	9	124	21	19	178	27	7	175	54	49

Details of residue burning events in Punjab on 10-Oct-2025

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	AMRITSAR	AJNALA	S-NPP	31.85432	74.77240	13:25:50	D	2.40
2	AMRITSAR	CHOGAWAN	S-NPP	31.79591	74.59510	13:25:50	D	2.40
3	FAZILKA	JALALABAD	S-NPP	30.59779	74.10504	13:25:50	D	3.20
4	SANGRUR	SUNAM	S-NPP	30.10885	75.80045	13:25:50	D	3.00
5	TARN TARAN	GANDIWIND TATLA	S-NPP	31.55974	74.79738	13:25:50	D	4.40
6	TARN TARAN	KHADUR SAHIB	S-NPP	31.47806	75.10301	13:25:50	D	3.20

Details of residue burning events in Haryana on 10-Oct-2025

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	PANIPAT	SAMALKHA	S-NPP	29.17786	77.09377	13:25:50	D	2.50
2	SONIPAT	RAI	S-NPP	28.94012	77.08078	02:15:50	N	0.60

Details of residue burning events in Delhi on 10-Oct-2025

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	NORTH	ALIPUR	S-NPP	28.83580	77.13740	02:12:00	N	0.69

Details of residue burning events in Rajasthan on 10-Oct-2025

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	ALWAR	TIJARA	S-NPP	28.17305	76.85766	02:14:00	N	0.45
2	BARAN	ANTA	S-NPP	25.17887	76.32504	13:28:00	D	4.42
3	BARAN	ANTA	S-NPP	25.18296	76.32841	13:28:00	D	2.79
4	BARAN	ANTA	S-NPP	25.18364	76.33248	13:28:00	D	2.79
5	BARAN	ANTA	S-NPP	25.18705	76.33179	13:28:00	D	2.79
6	HANUMANGARH	BHADRA	S-NPP	29.18002	75.31922	13:28:00	D	1.53

7	HANUMANGARH	TIBI	S-NPP	29.59998	74.52892	13:31:00	D	4.08
8	PALI	JAITARAN	S-NPP	26.25805	74.09676	02:14:00	N	0.58
9	SWAIMADHOPUR	KHANDAR	S-NPP	25.93006	76.60870	13:28:00	D	2.93

Details of residue burning events in Uttar Pradesh on 10-Oct-2025

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ALIGARH	KHAIR	S-NPP	27.93038	77.81481	13:28:00	D	2.27
2	AURAIYA	AURAIYA	S-NPP	26.63876	79.32508	13:28:00	D	4.70
3	BADAUN	BADAUN	S-NPP	28.09375	79.21022	13:28:00	D	3.83
4	BARABANKI	FATEHPUR	S-NPP	27.13940	81.22134	13:28:00	D	5.07
5	BARABANKI	FATEHPUR	S-NPP	27.16742	81.25581	13:28:00	D	2.78
6	BARABANKI	FATEHPUR	S-NPP	27.16931	81.25394	13:28:00	D	3.18
7	BARABANKI	NAWABGANJ	S-NPP	26.86819	81.39112	13:28:00	D	10.87
8	BARABANKI	NAWABGANJ	S-NPP	26.86930	81.39303	13:28:00	D	8.59
9	BARABANKI	RAMNAGAR	S-NPP	27.11303	81.30047	13:28:00	D	2.98
10	BAREILLY	FARIDPUR	S-NPP	28.15684	79.56355	13:28:00	D	1.84
11	HARDOI	BILGRAM	S-NPP	27.06281	80.21303	13:28:00	D	2.66
12	HARDOI	BILGRAM	S-NPP	27.24025	80.00951	13:28:00	D	3.10
13	HARDOI	SANDILA	S-NPP	27.15655	80.33087	13:28:00	D	2.93
14	HARDOI	SANDILA	S-NPP	27.15813	80.33125	13:28:00	D	4.70
15	KASGANJ	KASGANJ	S-NPP	27.80058	78.77815	13:28:00	D	3.91
16	KHERI	PALIA KALAN	S-NPP	28.46832	80.73628	13:28:00	D	4.59
17	MAINPURI	BHOGAON	S-NPP	27.09301	79.31006	13:28:00	D	5.46
18	SAMBHAL	CHANDAUSI	S-NPP	28.52078	78.78777	13:28:00	D	2.36
19	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.73011	79.87266	13:28:00	D	5.09
20	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.78060	79.78767	13:28:00	D	4.27
21	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.78334	79.70663	13:28:00	D	1.69
22	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.81083	79.82927	13:28:00	D	3.80
23	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.82113	79.85309	13:28:00	D	4.31

24	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.94194	79.97031	13:28:00	D	1.65
25	SULTANPUR	SULTANPUR	S-NPP	26.37335	81.92377	13:28:00	D	4.14

Details of residue burning events in Madhya Pradesh on 10-Oct-2025

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	DEWAS	KHATEGOAN	S-NPP	22.63652	76.94701	13:28:00	D	1.77
2	EAST NIMAR	PANDHANA	S-NPP	21.79431	76.19714	13:28:00	D	3.23
3	GUNA	GUNA	S-NPP	24.93503	77.03121	13:28:00	D	3.26
4	HARDA	KHIRKIYAN	S-NPP	22.29684	76.96475	13:28:00	D	3.86
5	NARSHIMAPURA	GOTECAON	S-NPP	23.08961	79.34613	13:28:00	D	1.76
6	SHAJAPUR	BAROUD	S-NPP	23.82677	75.83404	13:28:00	D	0.62
7	SHAJAPUR	SUSNER	S-NPP	23.91041	76.04696	13:28:00	D	2.92
8	SHAJAPUR	SUSNER	S-NPP	23.91461	76.05045	13:28:00	D	2.92
9	SHAJAPUR	SUSNER	S-NPP	23.91809	76.04975	13:28:00	D	8.25
10	SHAJAPUR	SUSNER	S-NPP	23.91882	76.05395	13:28:00	D	6.48
11	SHAJAPUR	SUSNER	S-NPP	23.91954	76.05815	13:28:00	D	6.48
12	SHAJAPUR	SUSNER	S-NPP	23.92026	76.06235	13:28:00	D	3.52
13	SHAJAPUR	SUSNER	S-NPP	23.92289	76.03575	13:28:00	D	3.93
14	SHAJAPUR	SUSNER	S-NPP	23.92361	76.03994	13:28:00	D	3.93
15	SHAJAPUR	SUSNER	S-NPP	23.92374	76.06165	13:28:00	D	3.52
16	SHAJAPUR	SUSNER	S-NPP	23.92420	76.02239	13:28:00	D	6.85
17	SHAJAPUR	SUSNER	S-NPP	23.92447	76.06584	13:28:00	D	3.52
18	SHAJAPUR	SUSNER	S-NPP	23.93189	76.02520	13:28:00	D	3.93
19	SHAJAPUR	SUSNER	S-NPP	23.93274	76.05112	13:28:00	D	6.78
20	VIDESHA	GYARASPUR	S-NPP	23.66215	77.98624	13:28:00	D	3.99

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 rice mask for the Punjab and Haryana were provided by MNCFC, MoA&FW, Govt of India
The kharif crop mask for Delhi, Uttar Pradesh, Rajasthan and Madhya Pradesh were provided by NRSC**

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