

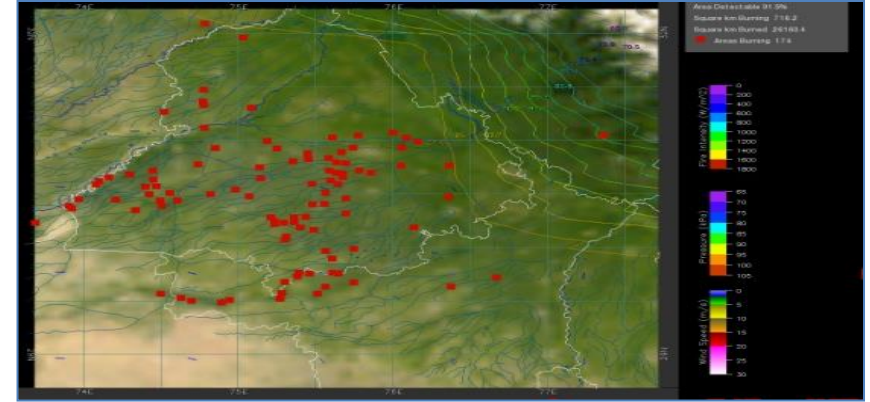
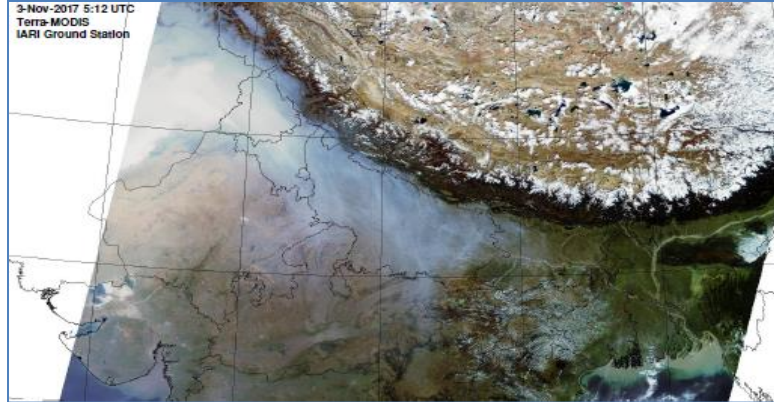


MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2024

Bulletin
No. 73

Events Date:
26-Nov-2024

Issued on:
26-Nov-2024



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

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

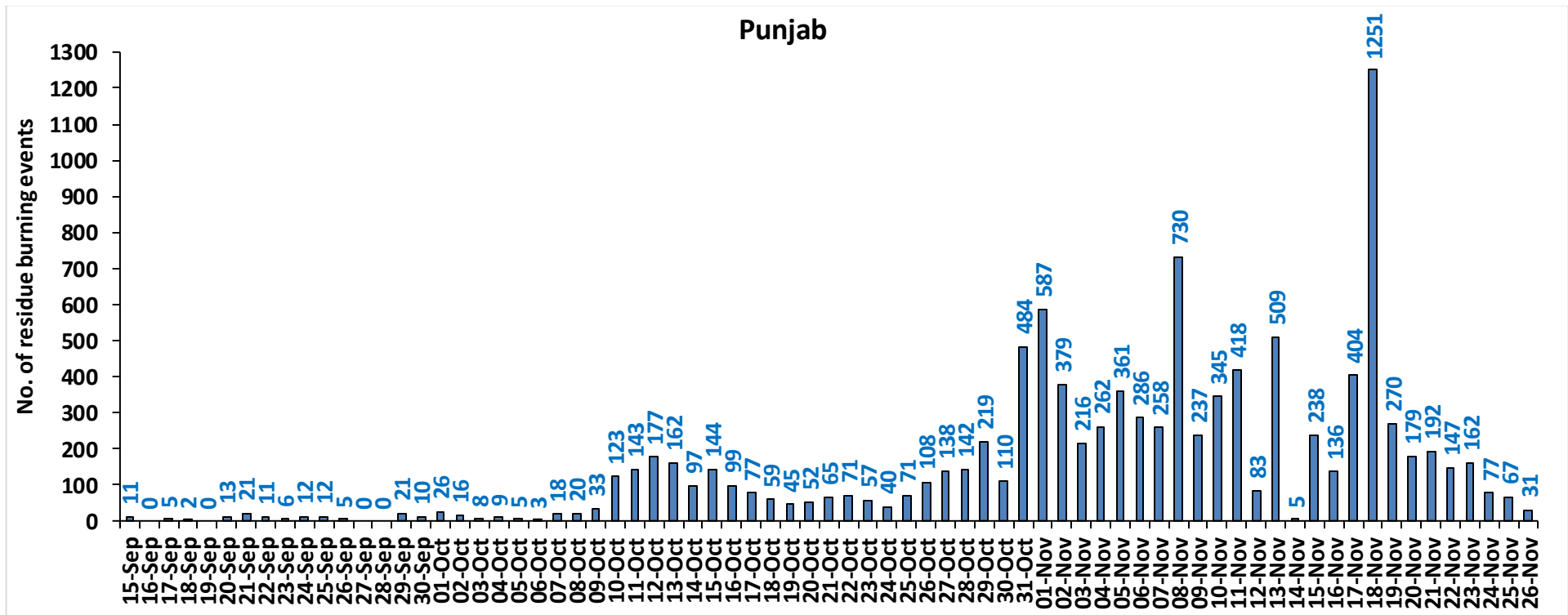
<https://creams.iari.res.in>



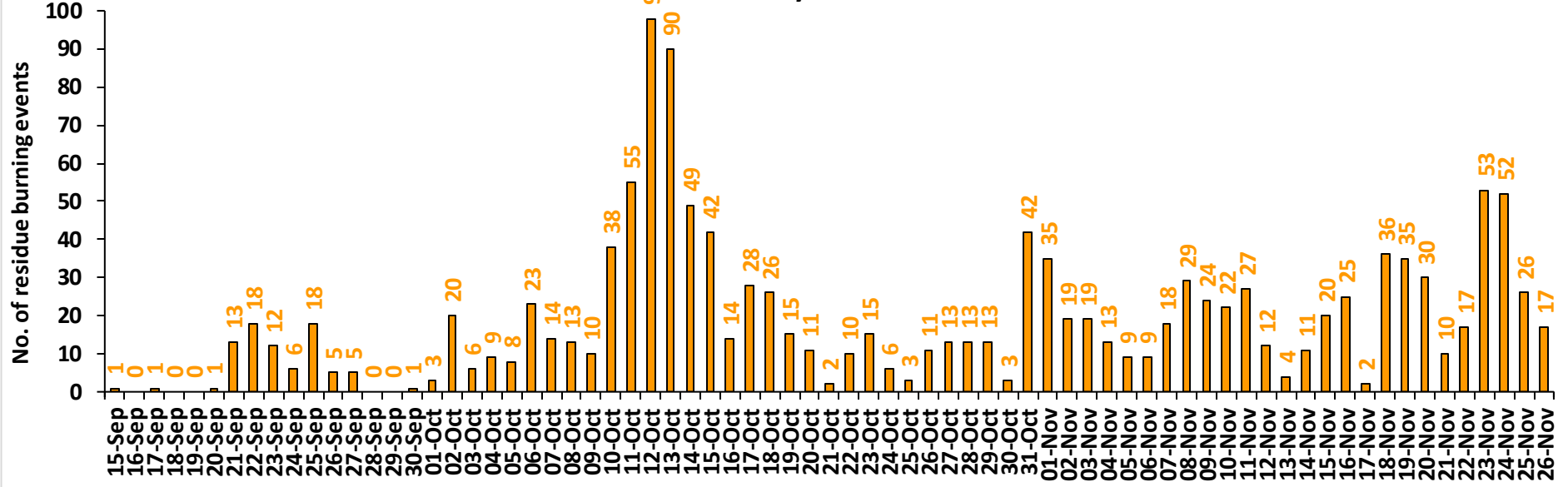
Highlights for 26-Nov-2024

- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol " recommended by CAQM.
- Satellites detected **454** residue burning events in the six study States on **26-Nov-2024**.
- The state wise events detected on **26-Nov-2024** were **31** in Punjab, **17** in Haryana, **145** in UP, **00** in Delhi, **19** in Rajasthan and **242** in MP.
- Total **35368** burning events were detected in the six states between **15-Sept-2024** and **26-Nov-2024**, which are distributed as **10780**, **1358**, **5248**, **12**, **2709** and **15261** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

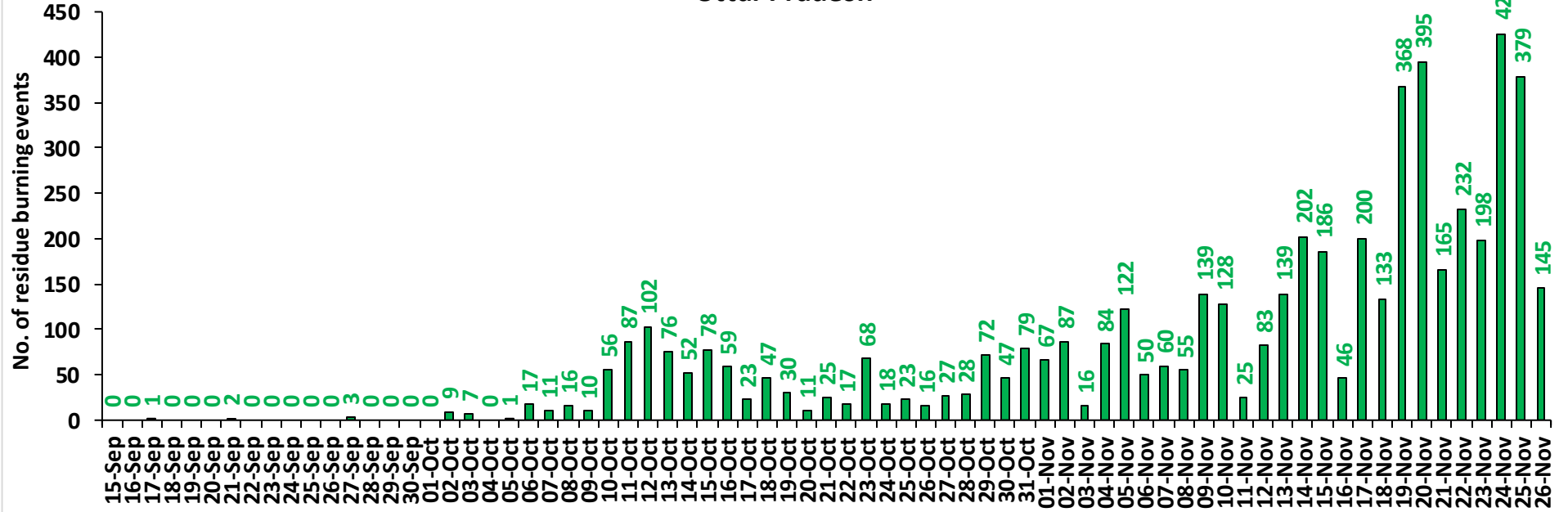
Temporal distribution of rice residue burning events for the study States in 2024



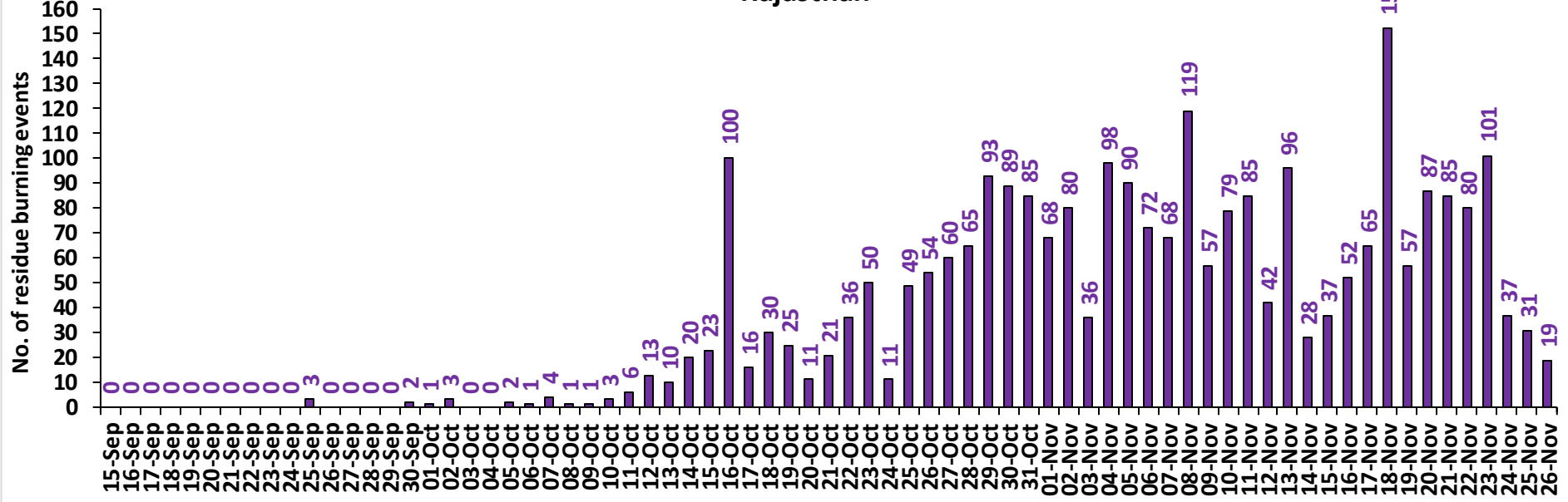
Haryana



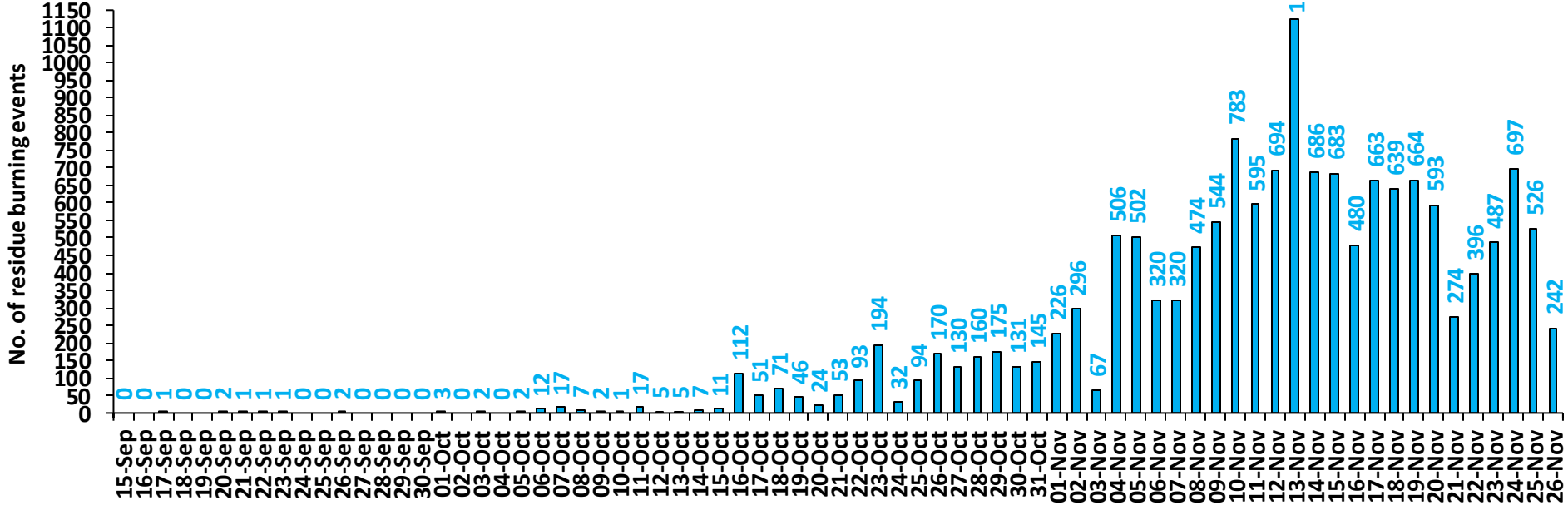
Uttar Pradesh

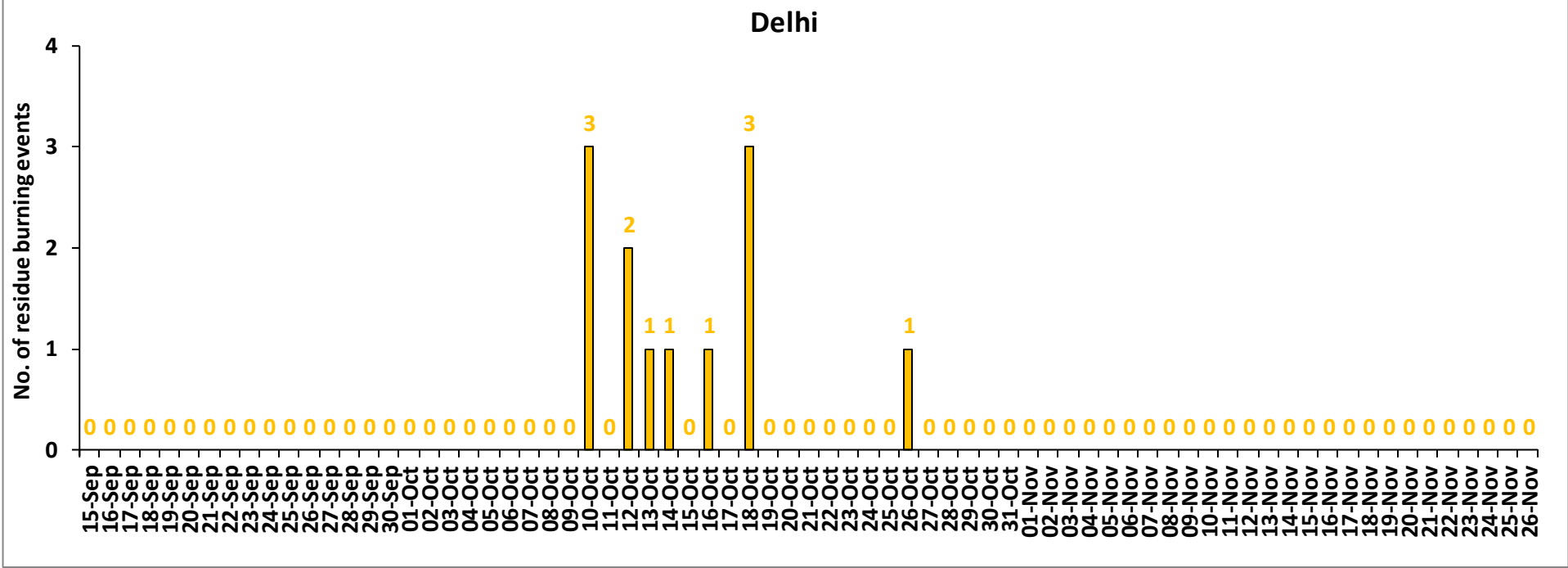


Rajasthan

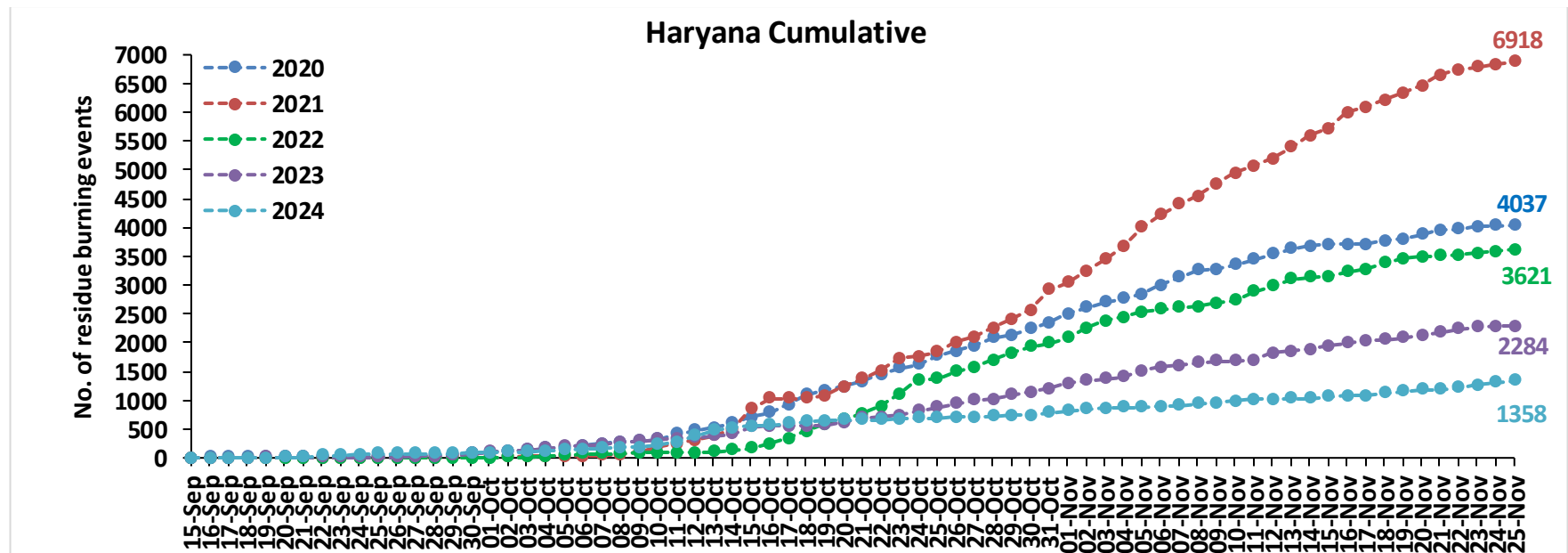
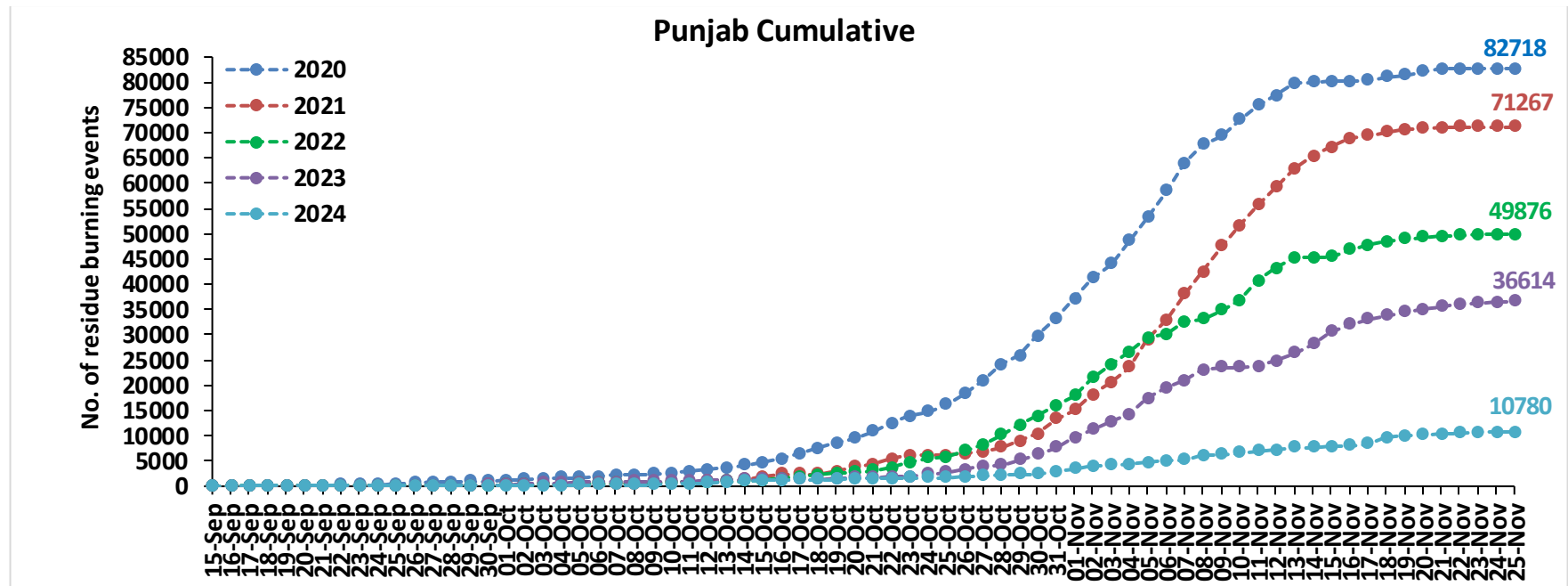


Madhya Pradesh

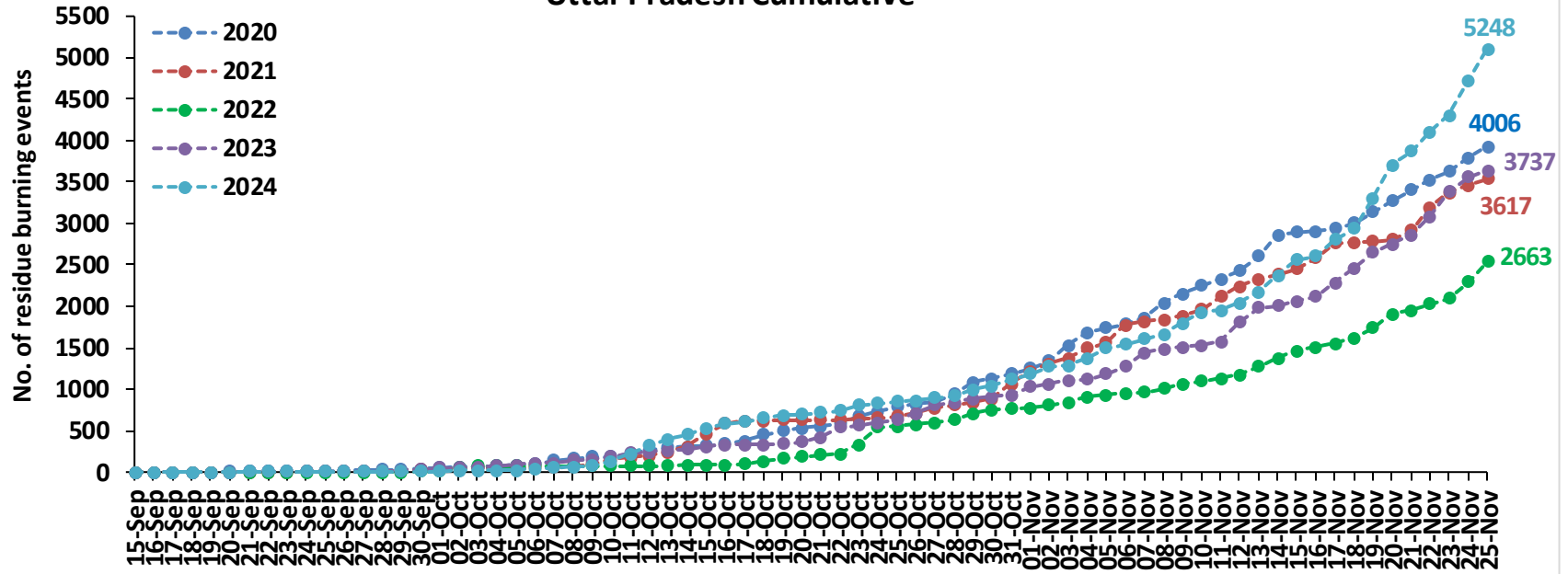




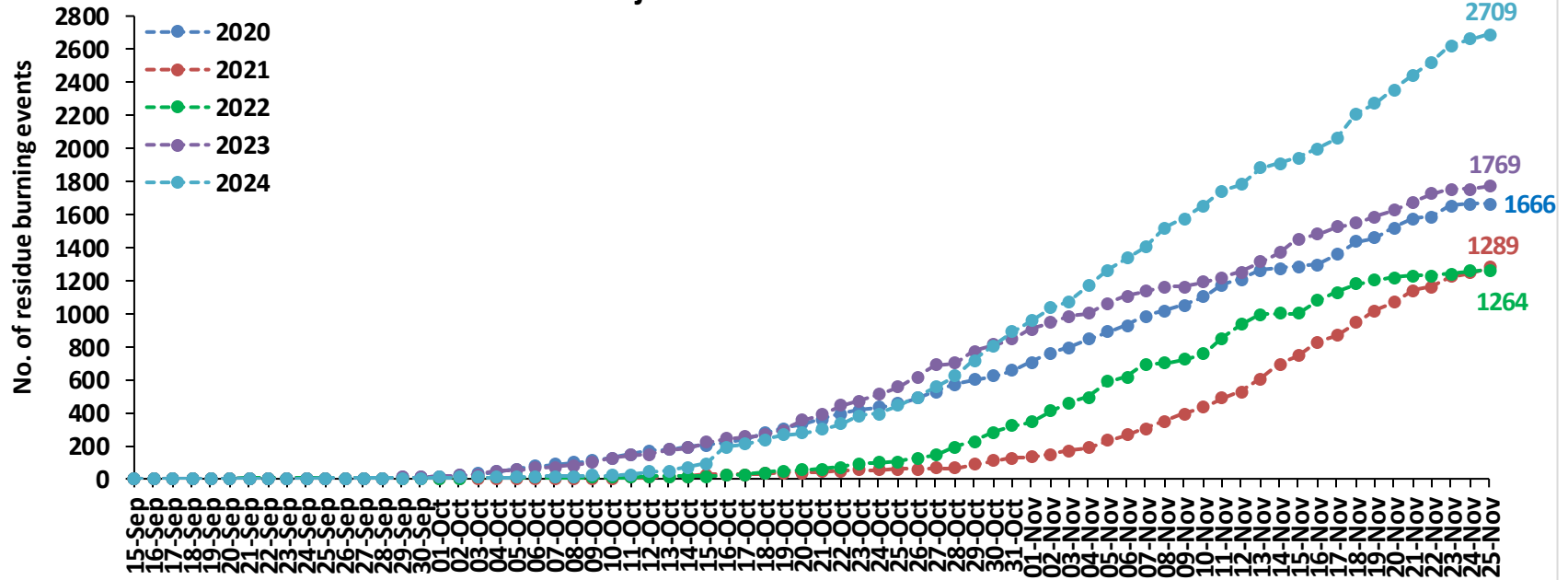
Comparison of residue burning events in current year (2024) with previous years (2020, 2021, 2022 and 2023) for the study States

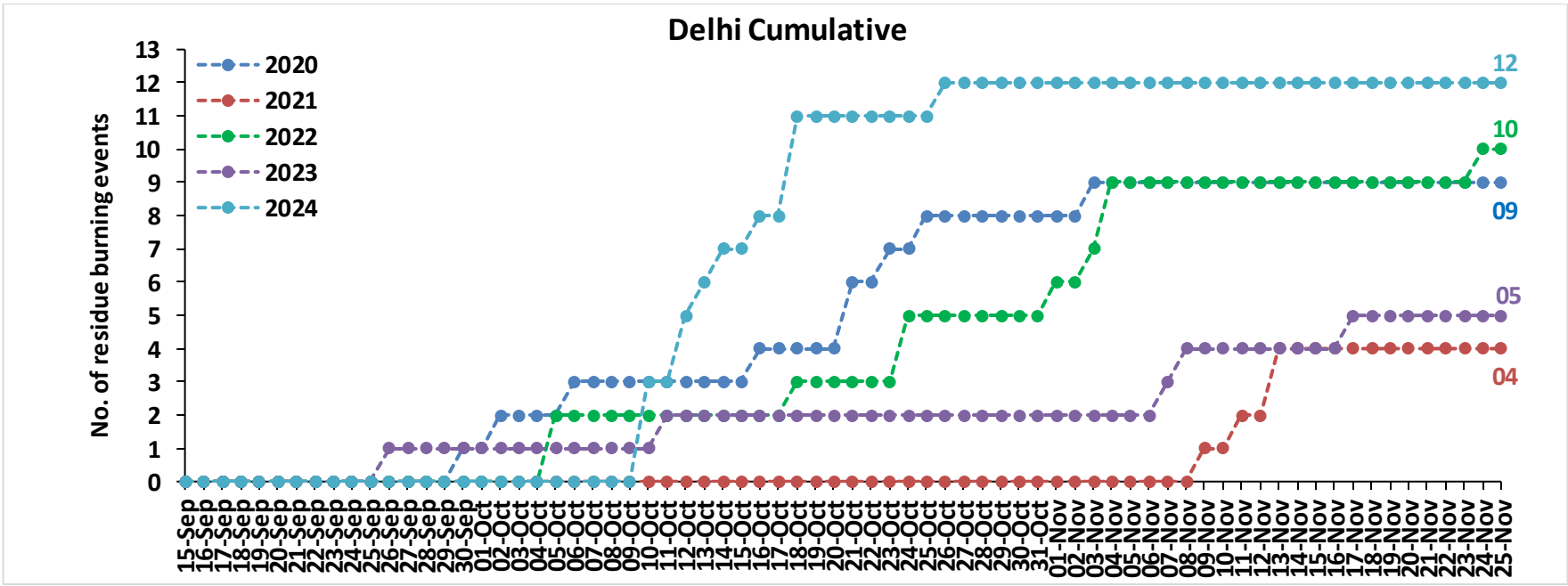
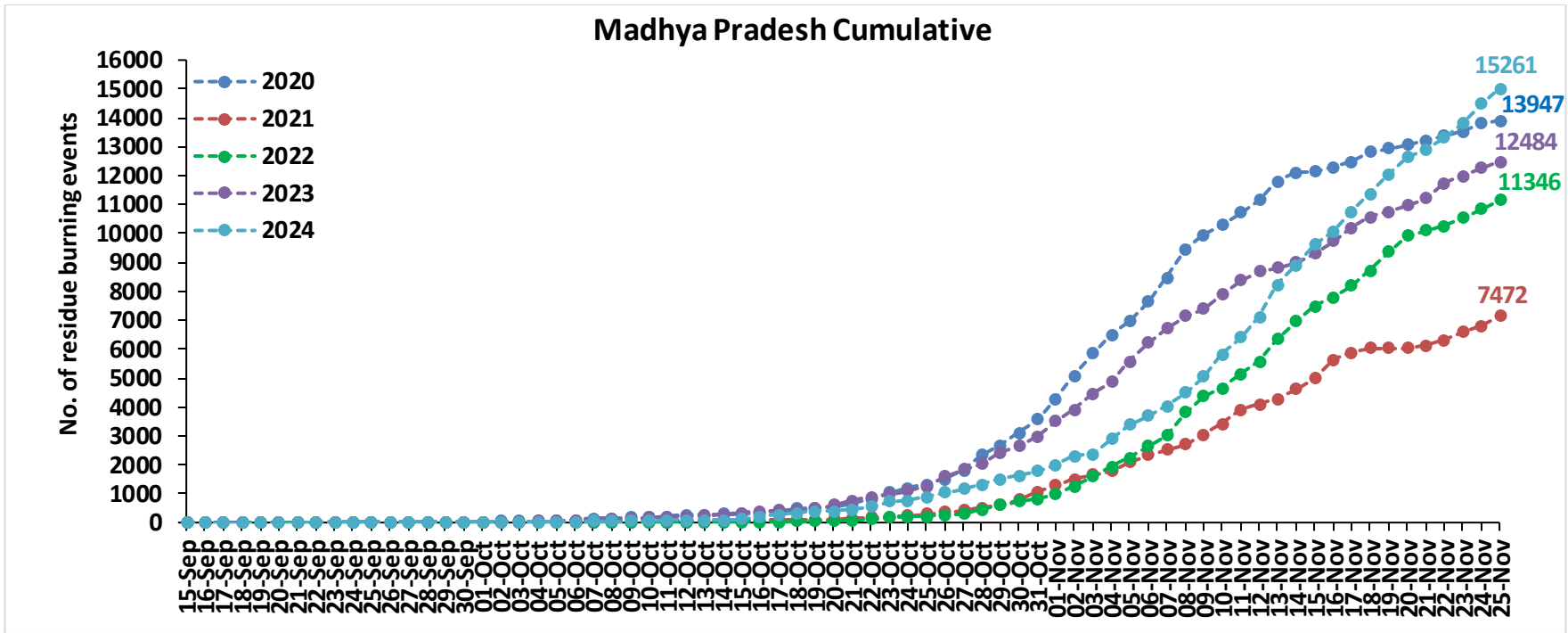


Uttar Pradesh Cumulative

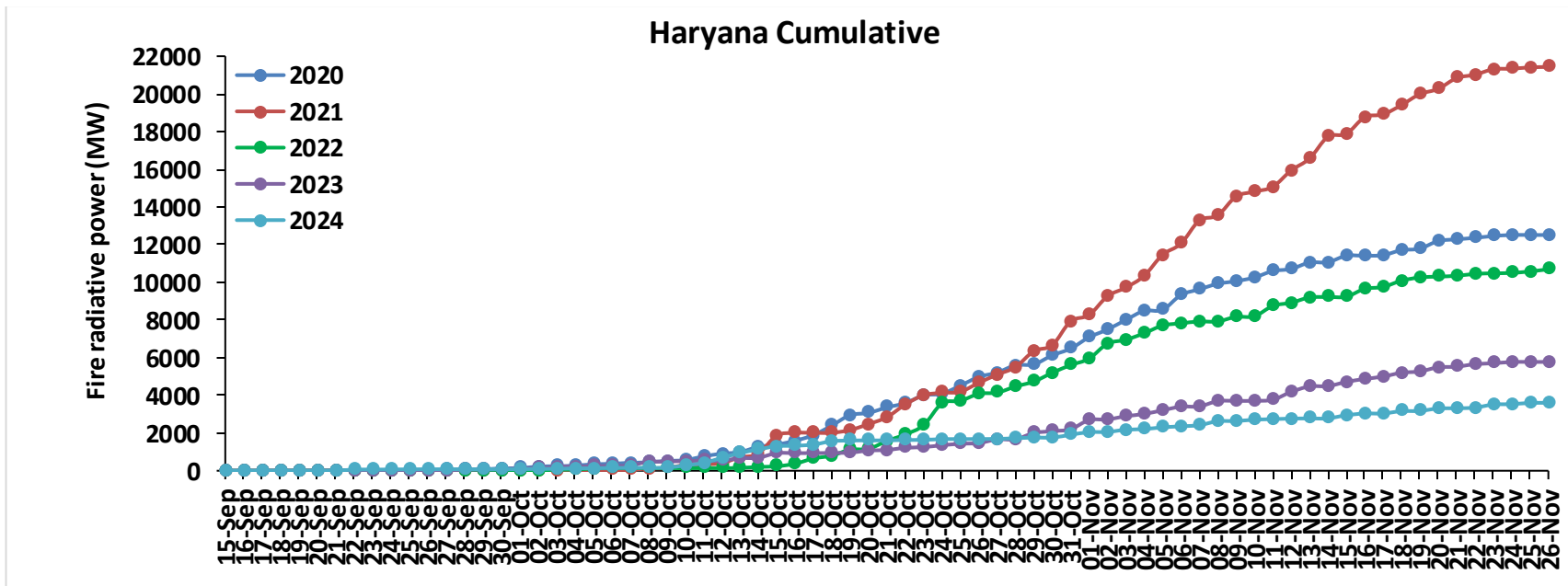
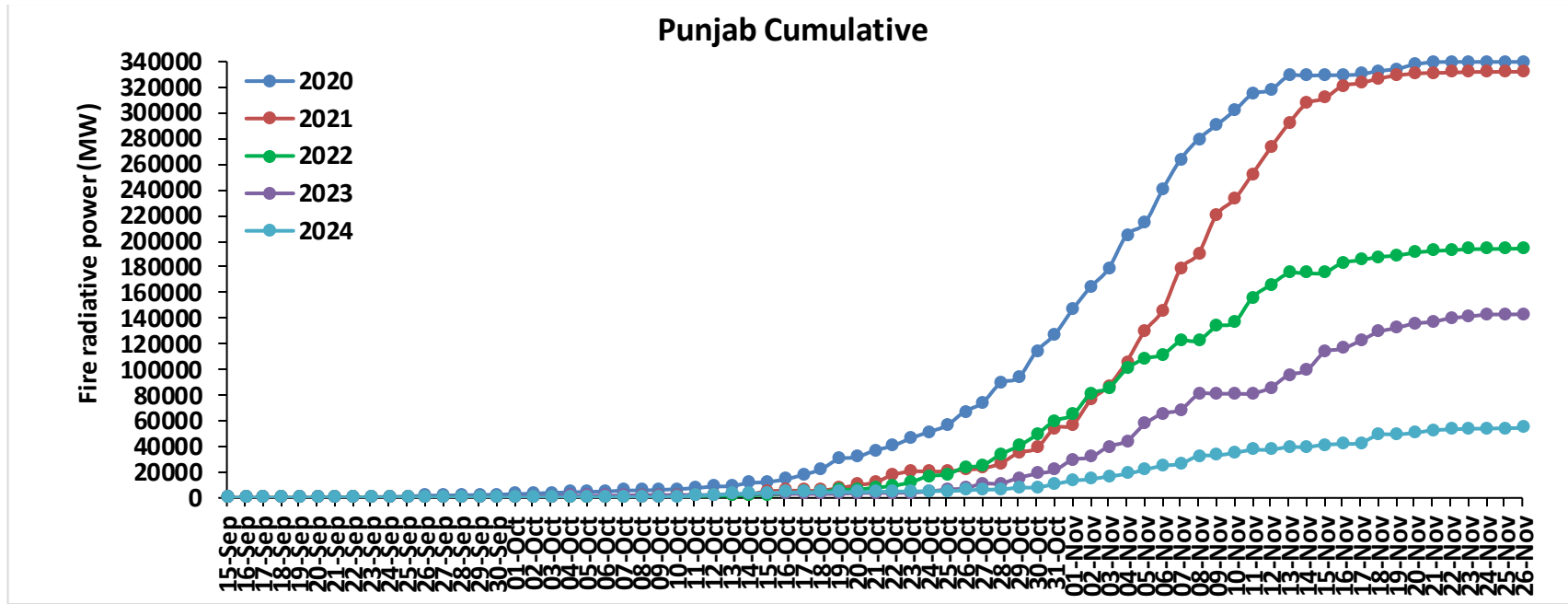


Rajasthan Cumulative

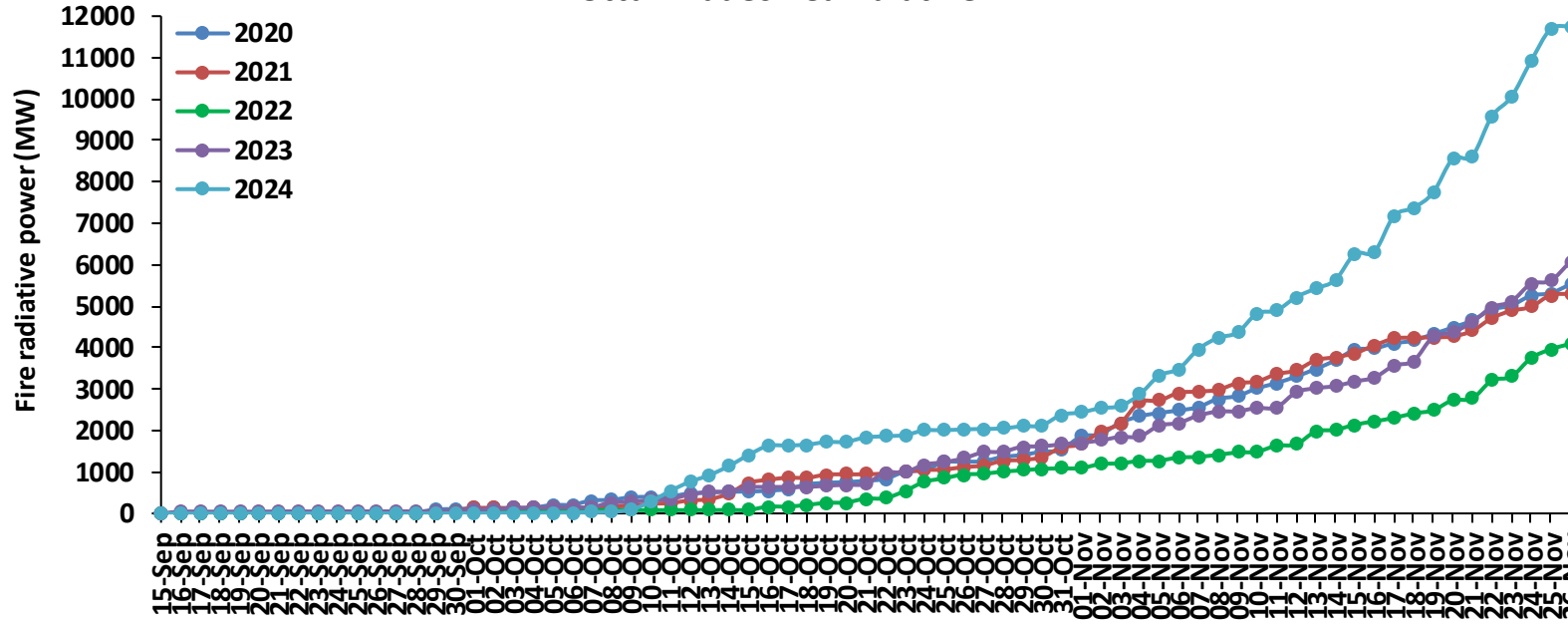




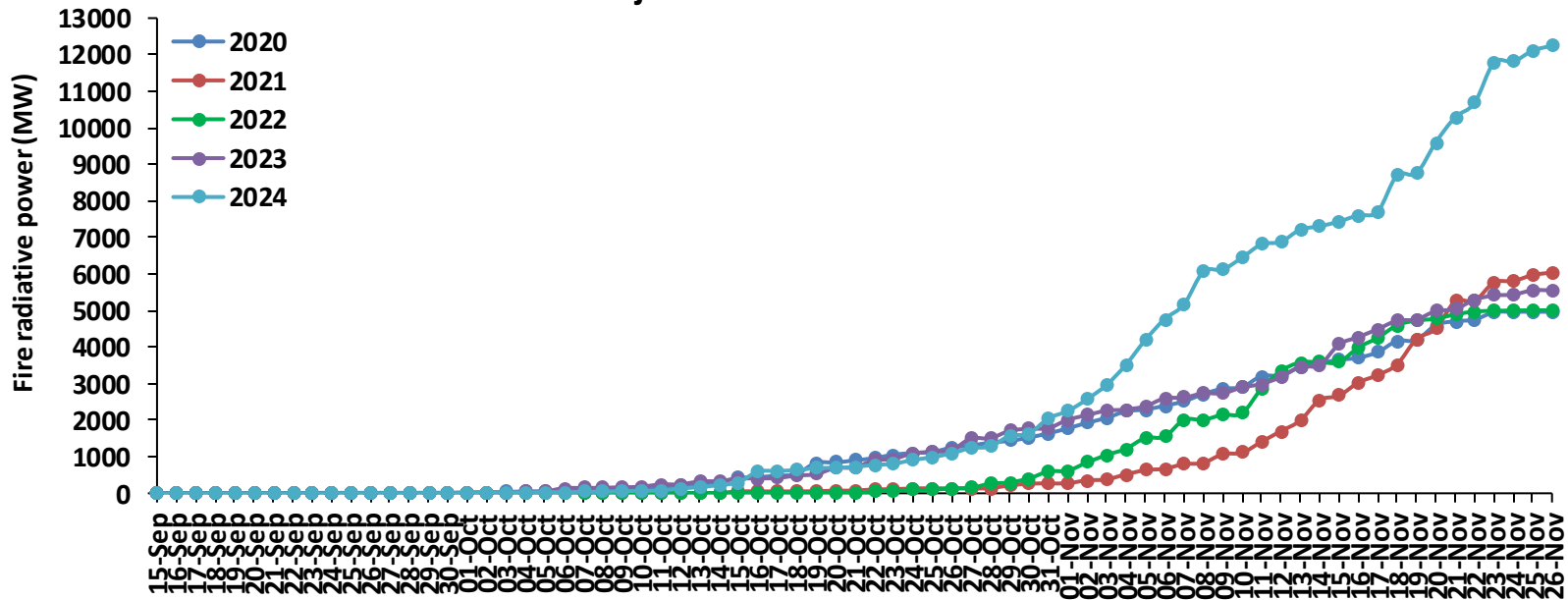
Comparison of residue burning fire power in current year (2024) with previous years (2020,2021,2022 and 2023) for the study States



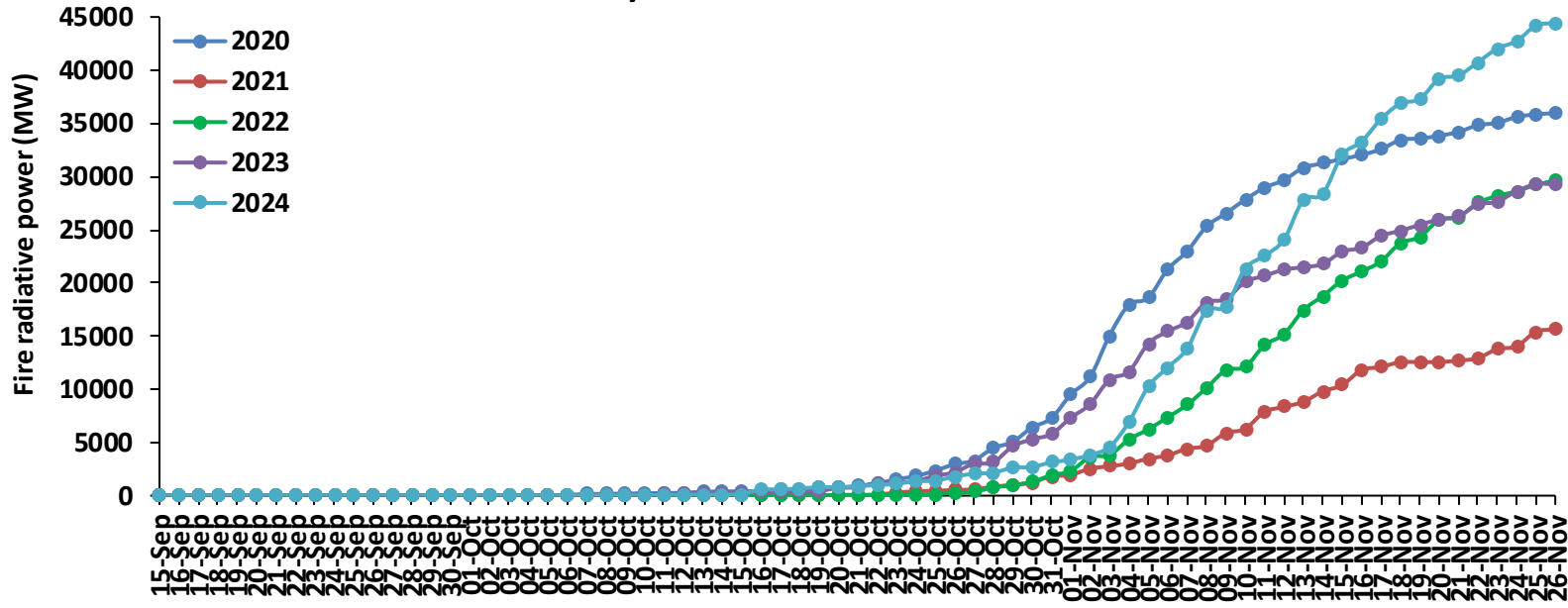
Uttar Pradesh Cumulative



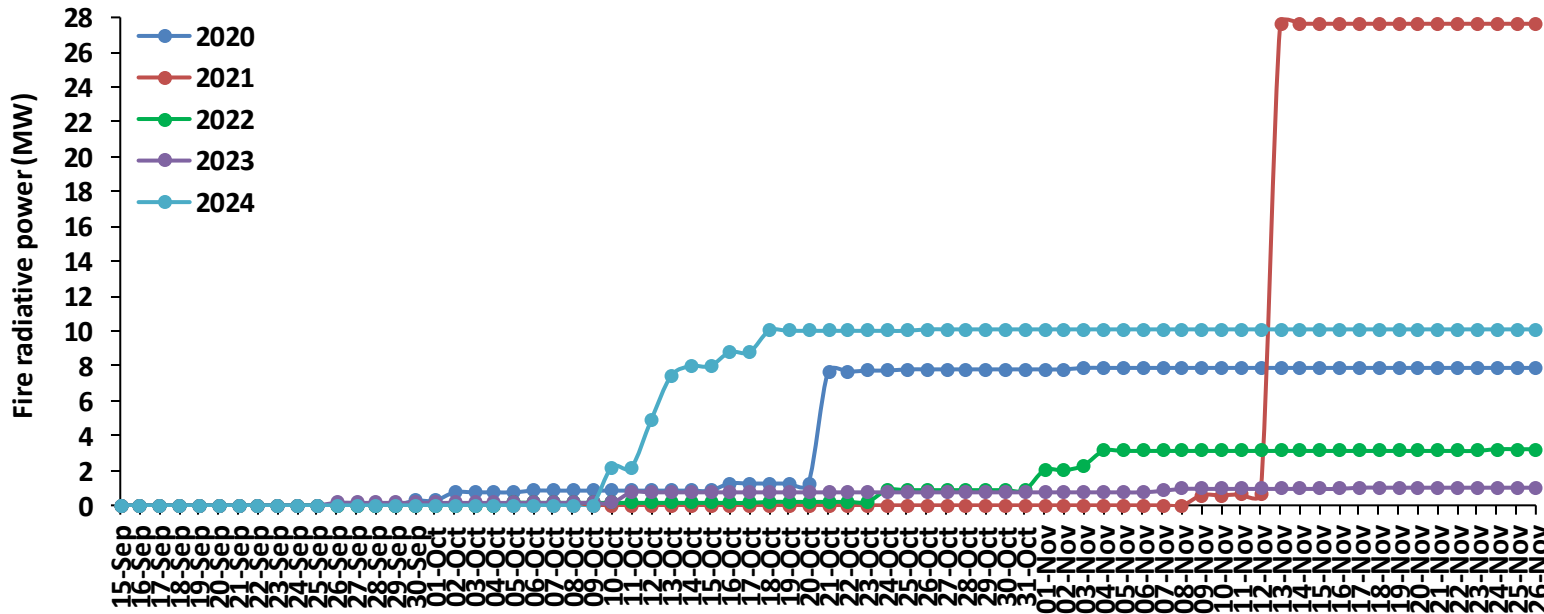
Rajasthan Cumulative



Madhya Pradesh Cumulative

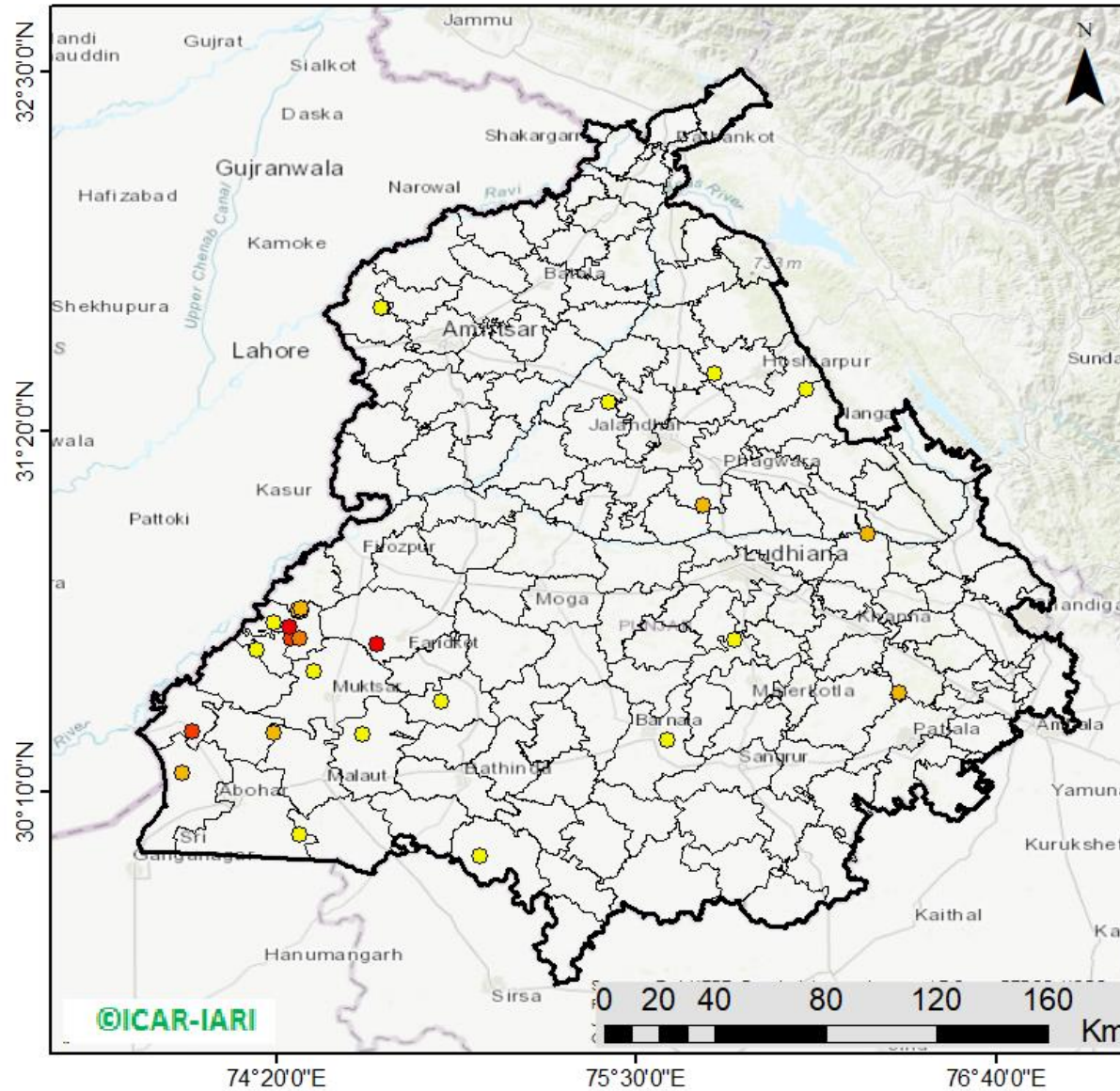


Delhi Cumulative



Punjab

RICE RESIDUE BURNING IN PUNJAB



31 burning events detected in Punjab during (26th Nov 2024)

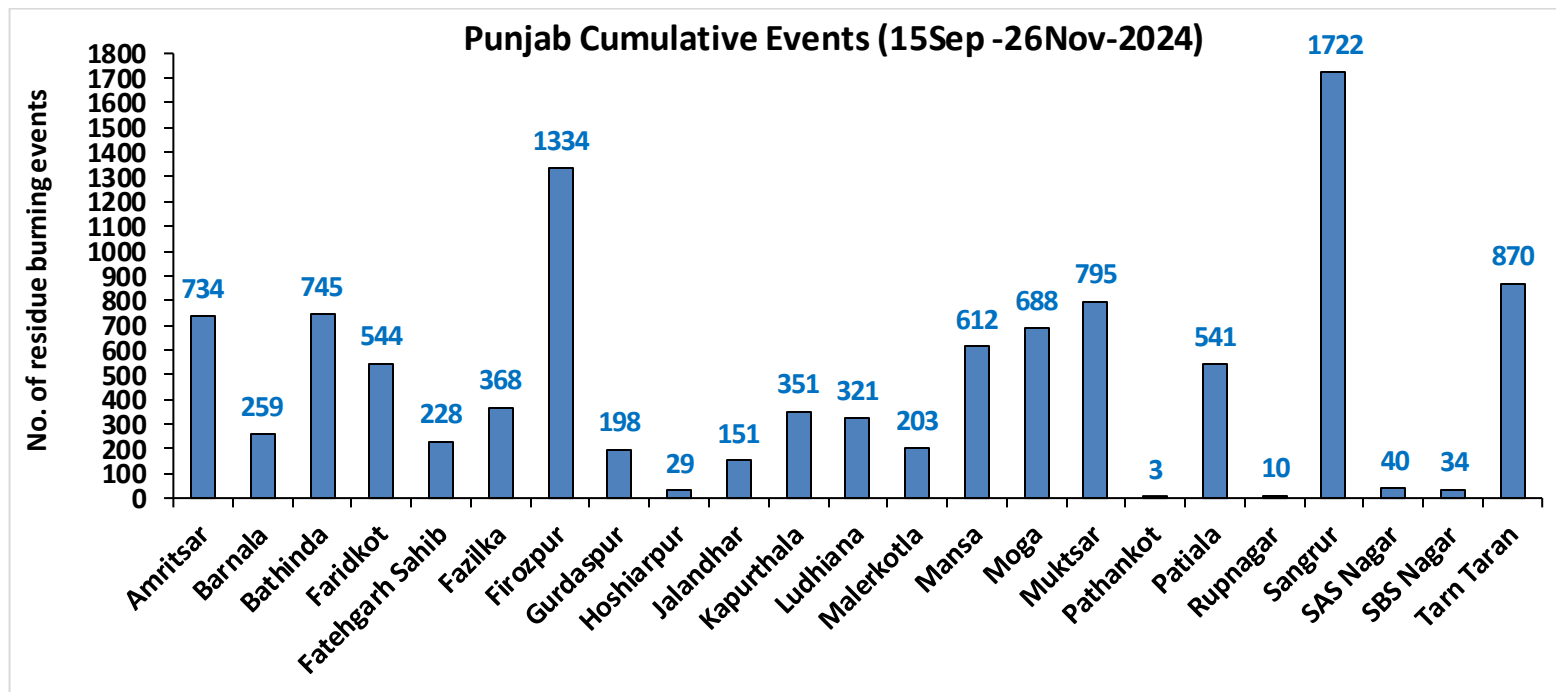
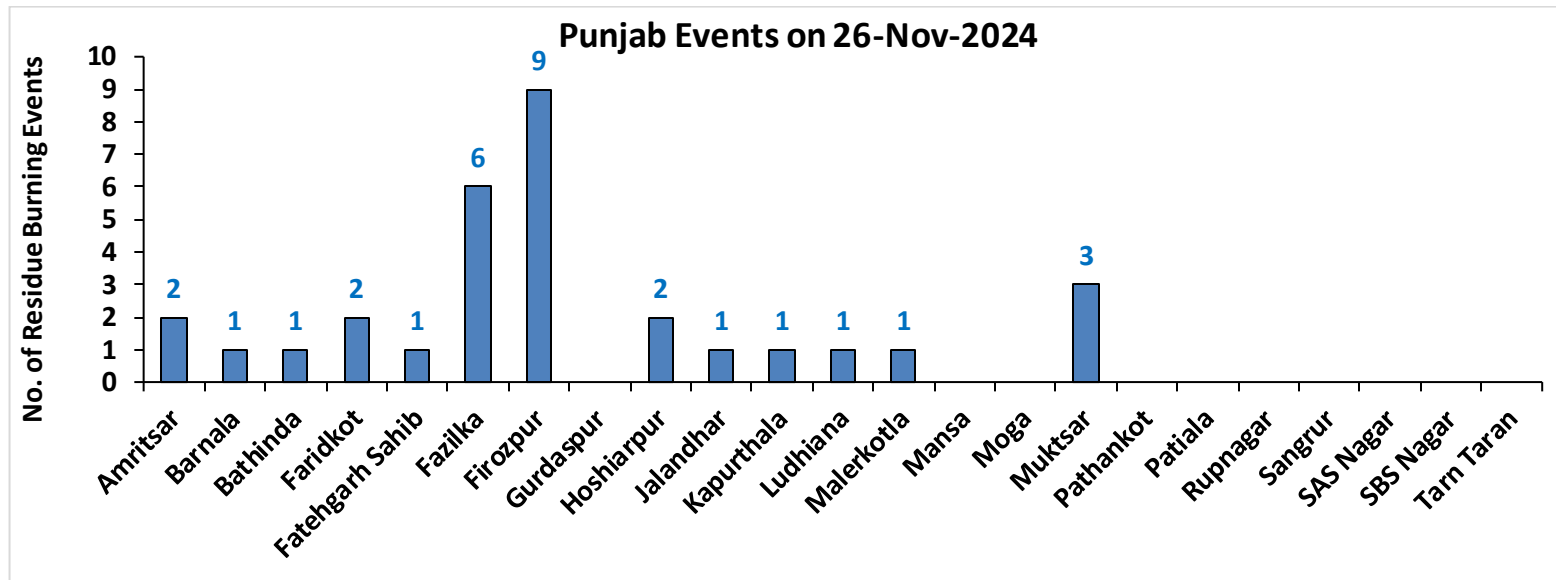
Fire Intensity (W/m²)

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



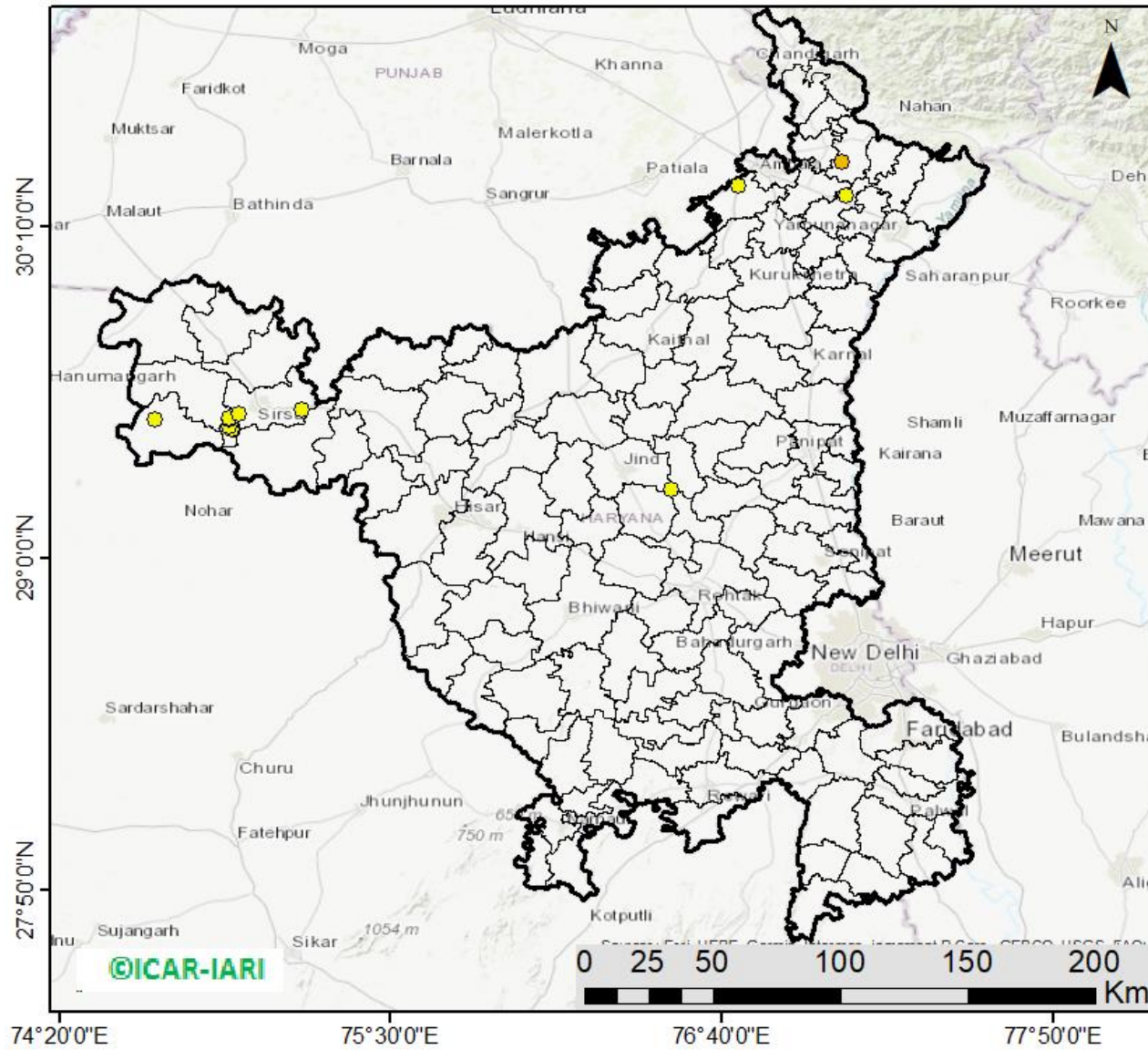
http://103.111.37.126/icar_geportal/

District-wise cumulative number of residues burning events in Punjab (15Sep-26Nov-2024)



Haryana

RICE RESIDUE BURNING IN HARYANA



17 burning events detected in Haryana on (26th Nov 2024)

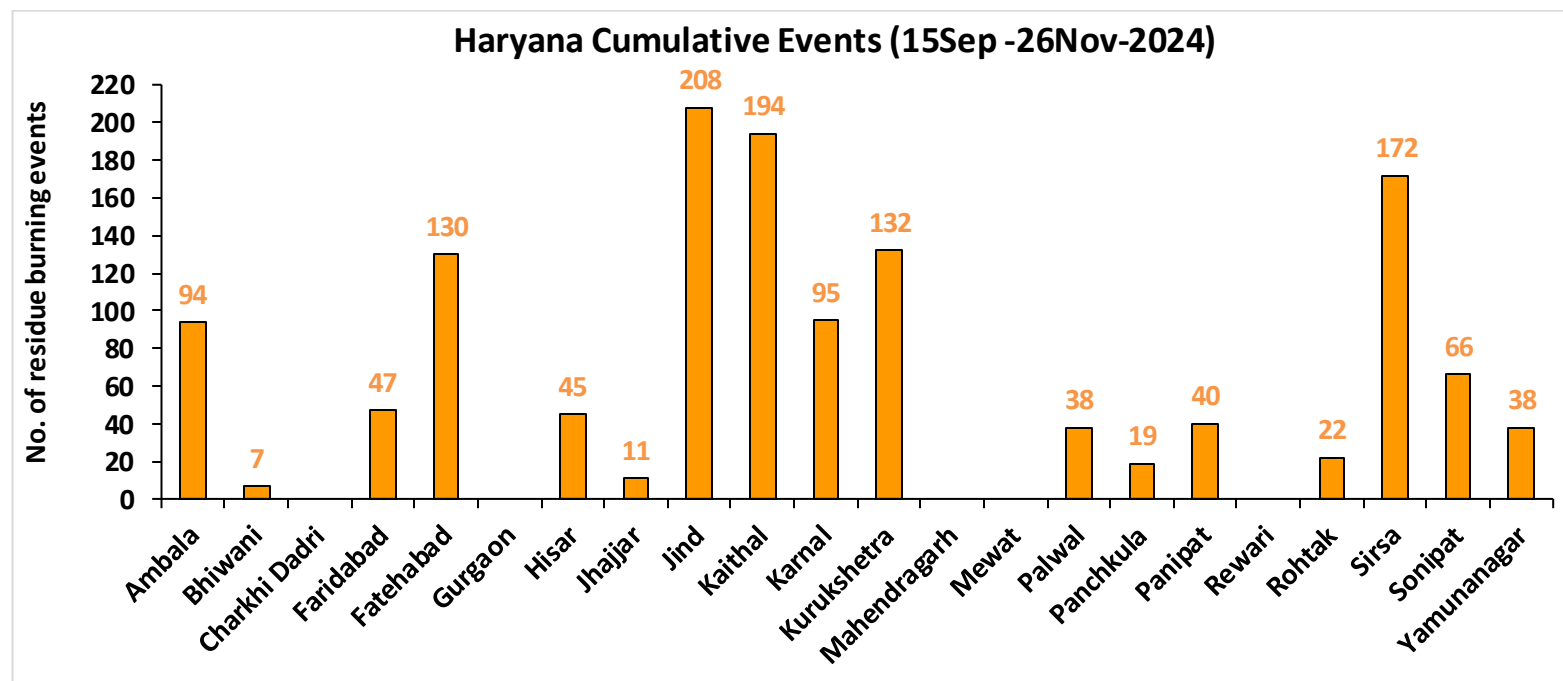
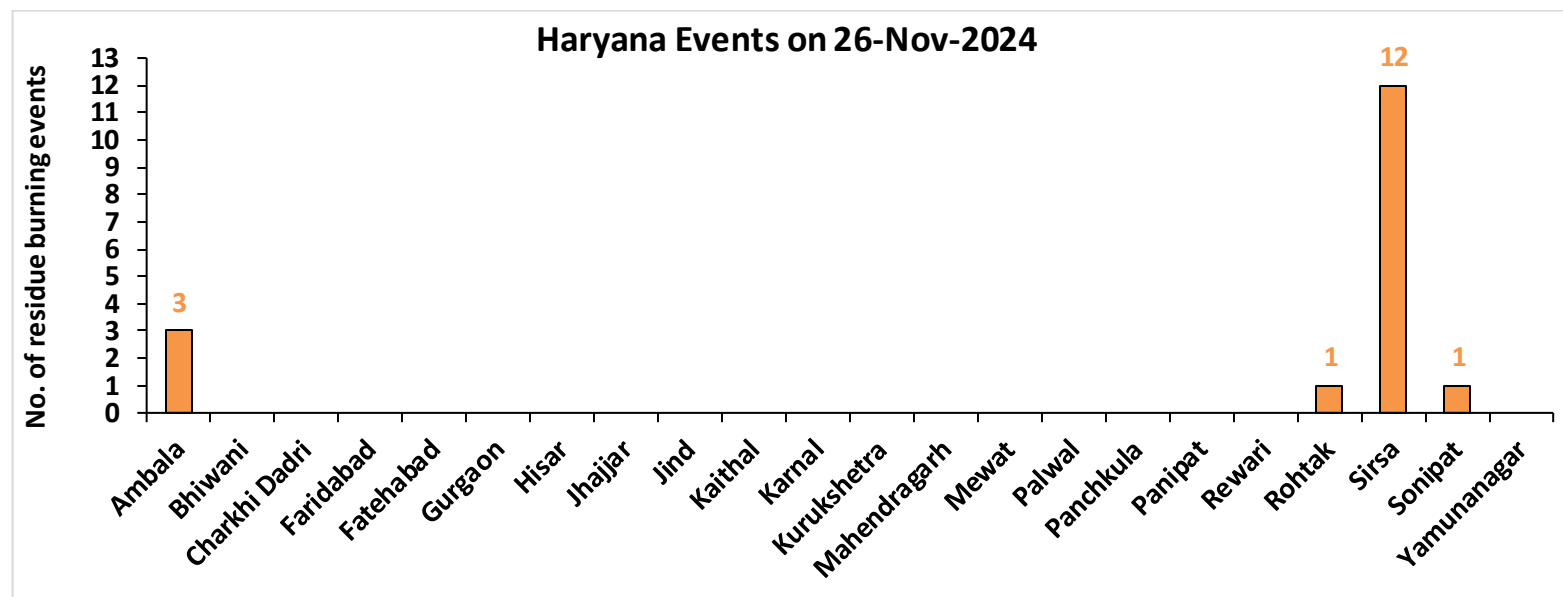
Fire Intensity (W/m²)

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



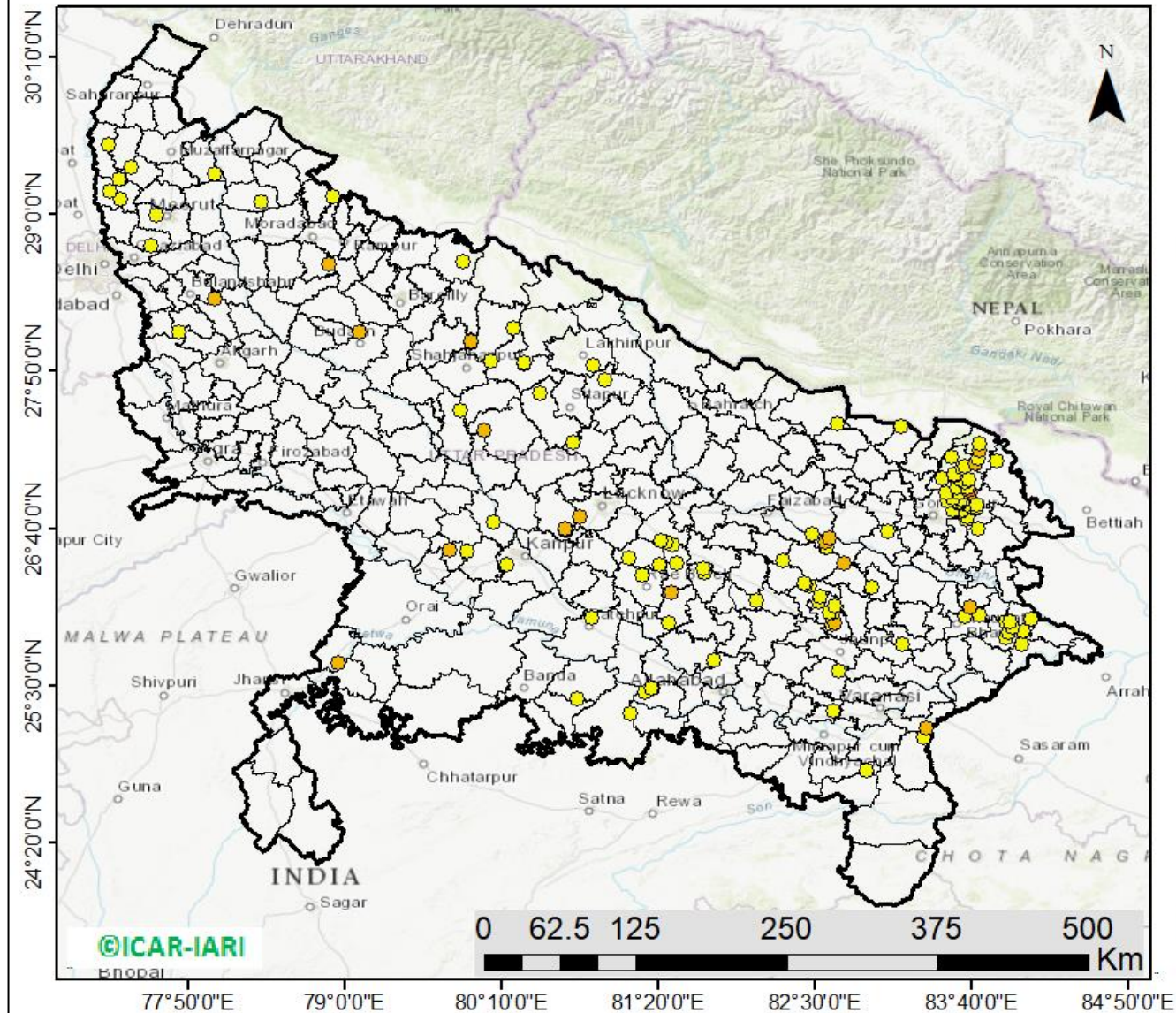
http://103.111.37.126/icar_geportal/

District-wise cumulative number of residues burning events in Haryana (15Sep-26Nov-2024)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



145 burning events detected in Uttar Pradesh on (26th Nov 2024)

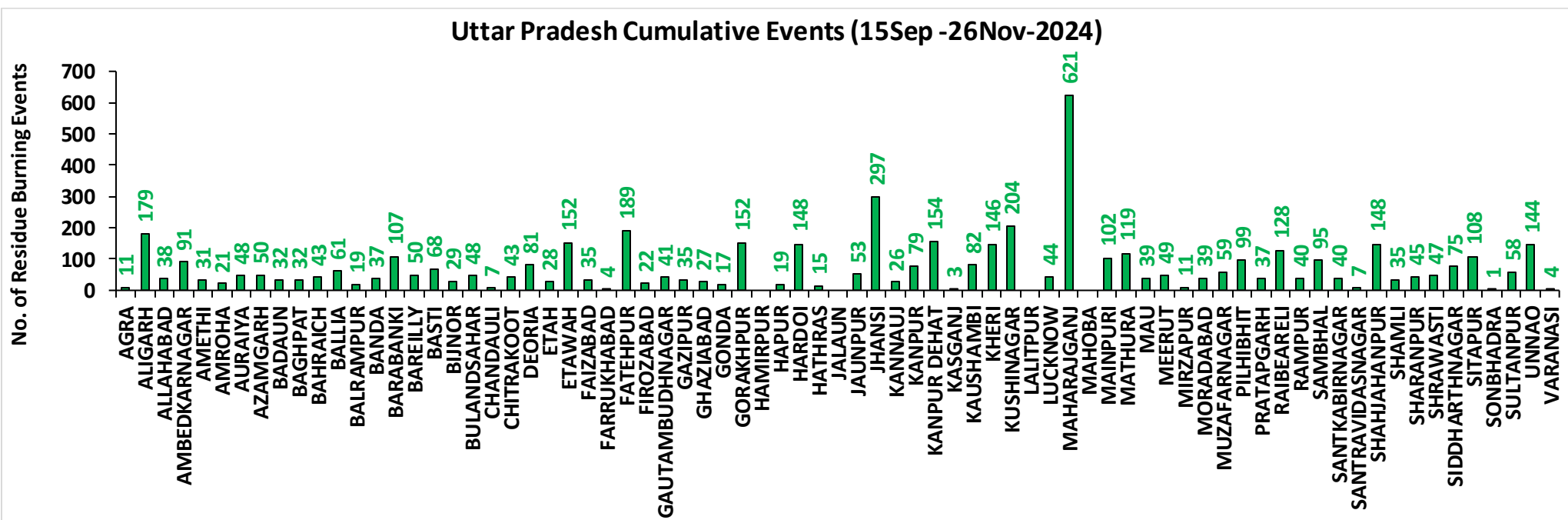
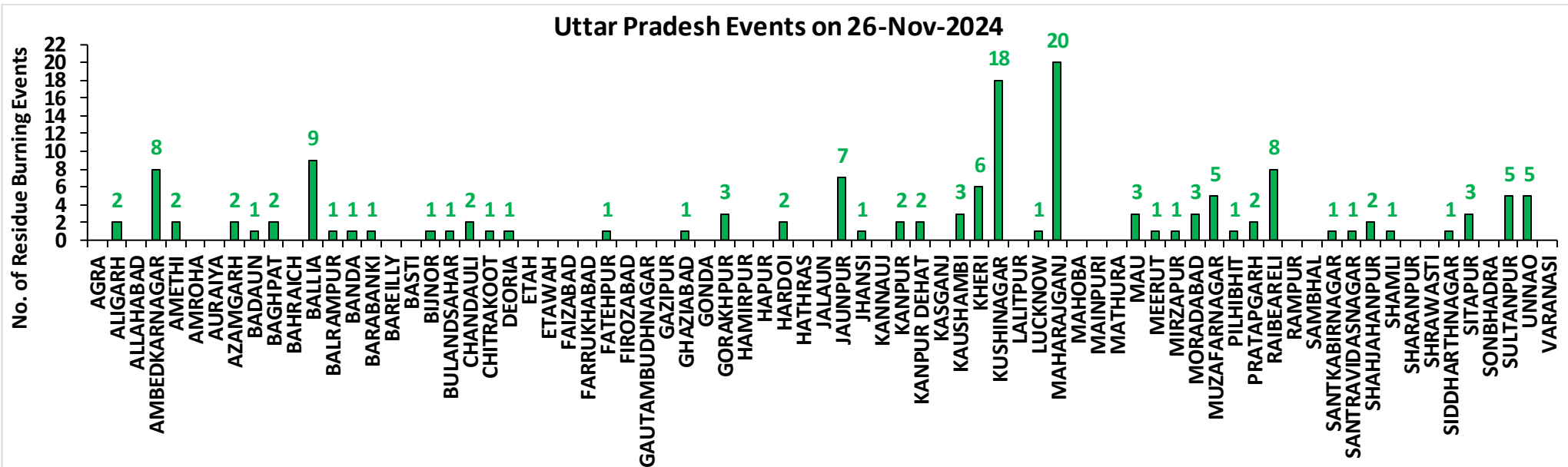
Fire Intensity (W/m²)

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



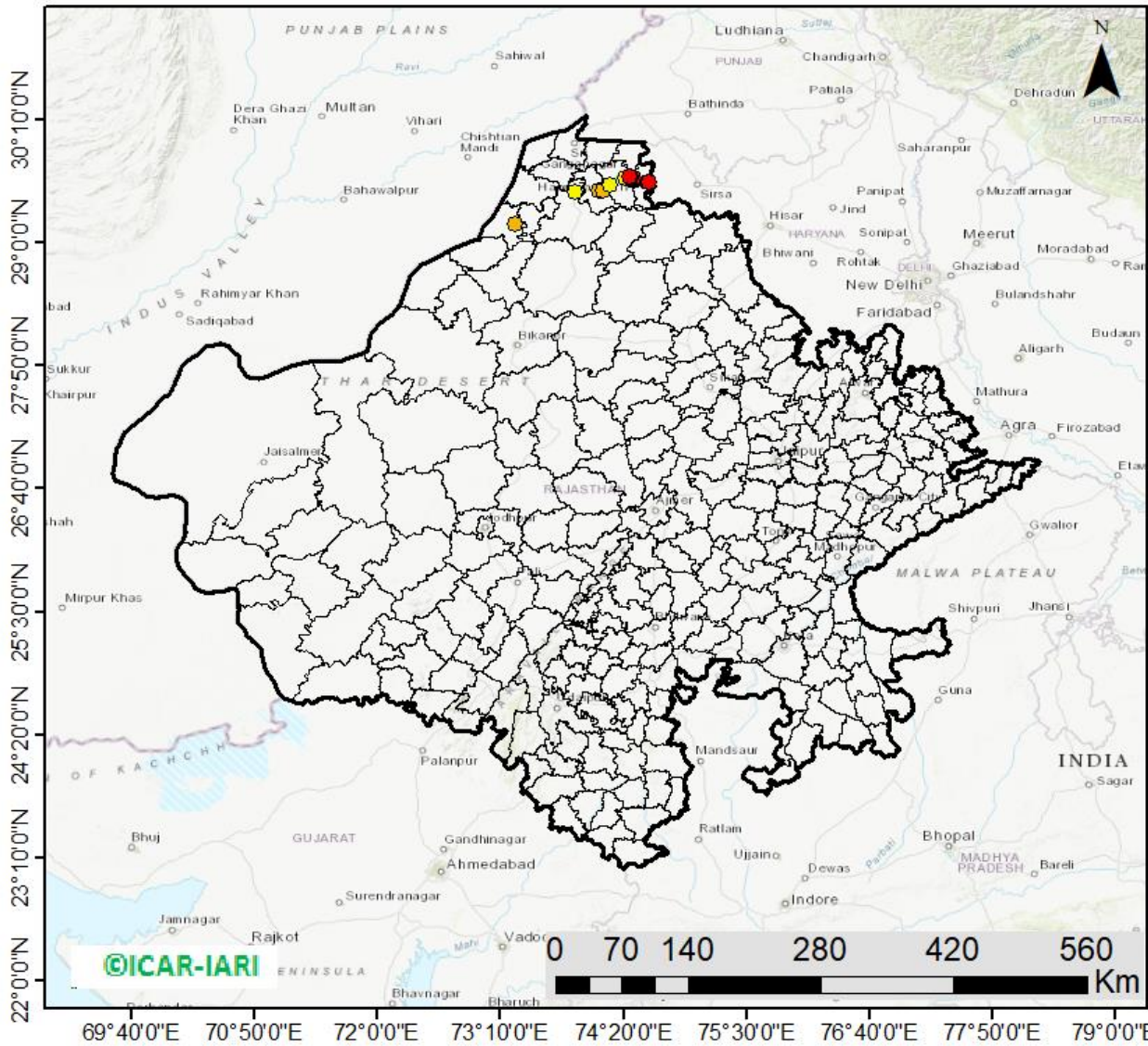
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-26Nov-2024)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



19 burning events
detected in Rajasthan on
(26th Nov 2024)

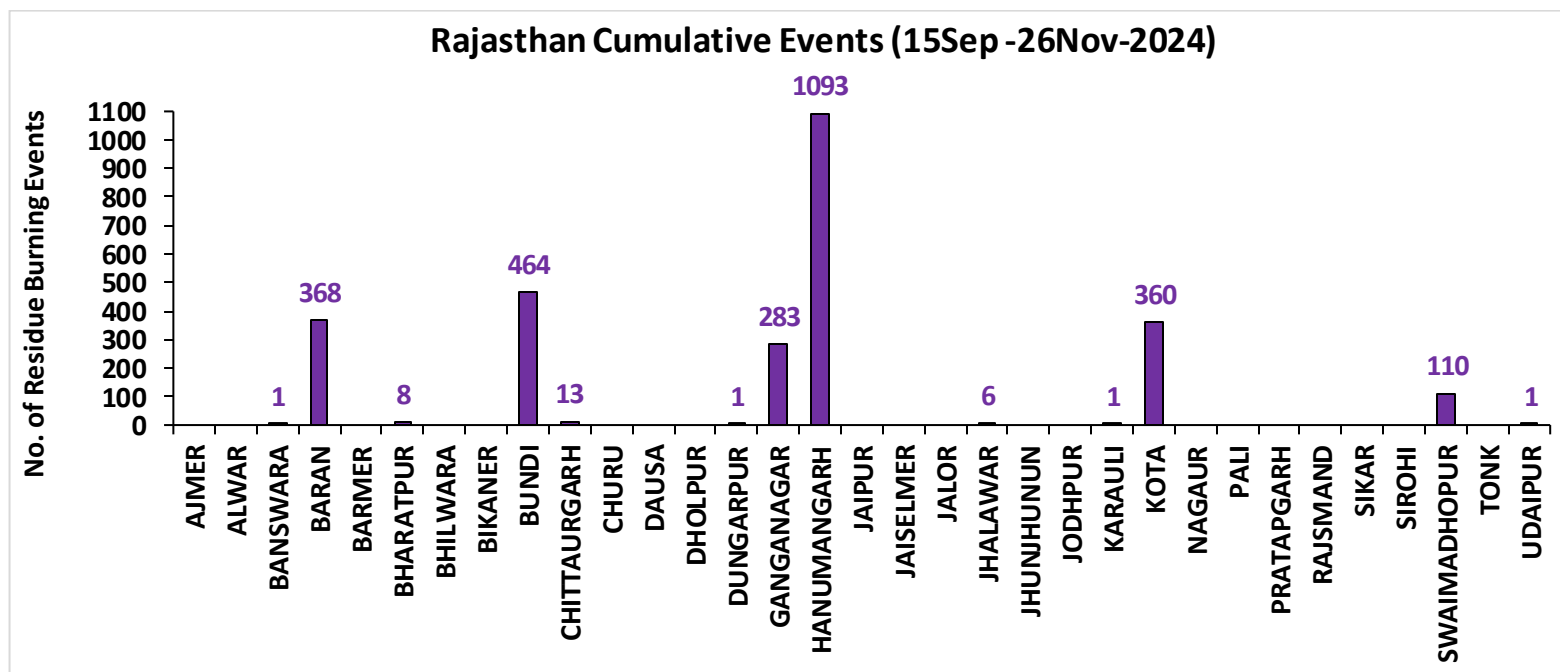
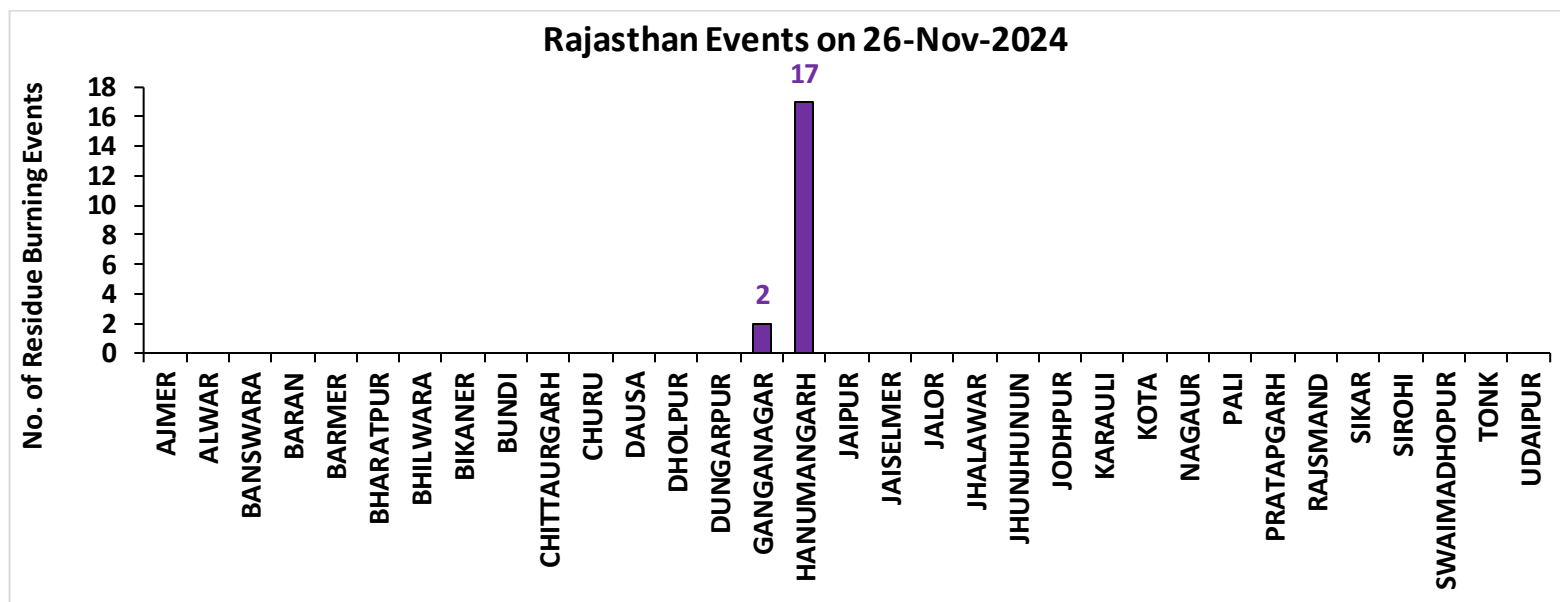
Fire Intensity (W/m²)

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



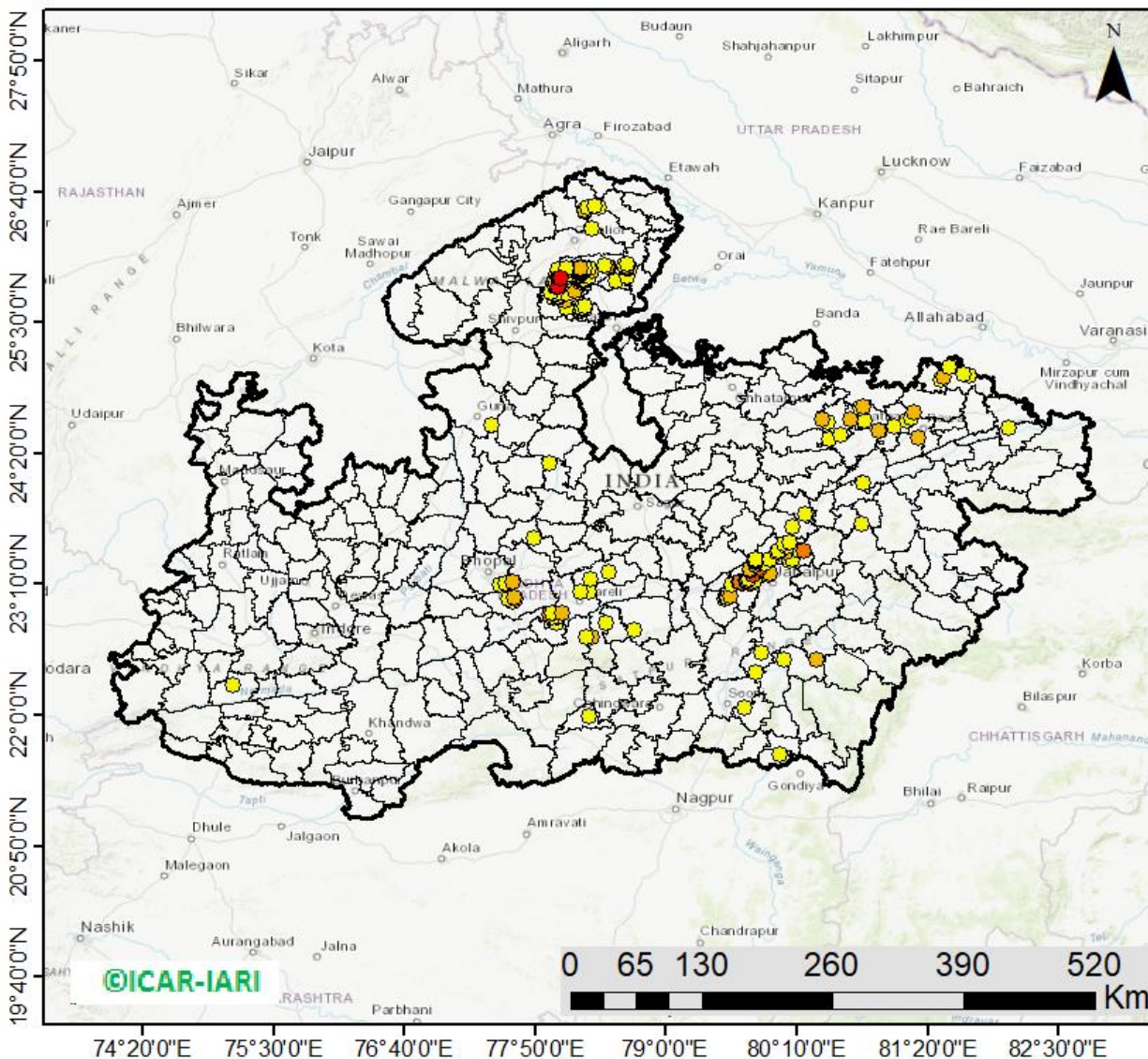
http://103.111.37.126/icar_geportal/

District-wise cumulative number of residues burning events in Rajasthan (15Sep-26Nov-2024)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



242 burning events
detected in MP on
(26th Nov 2024)

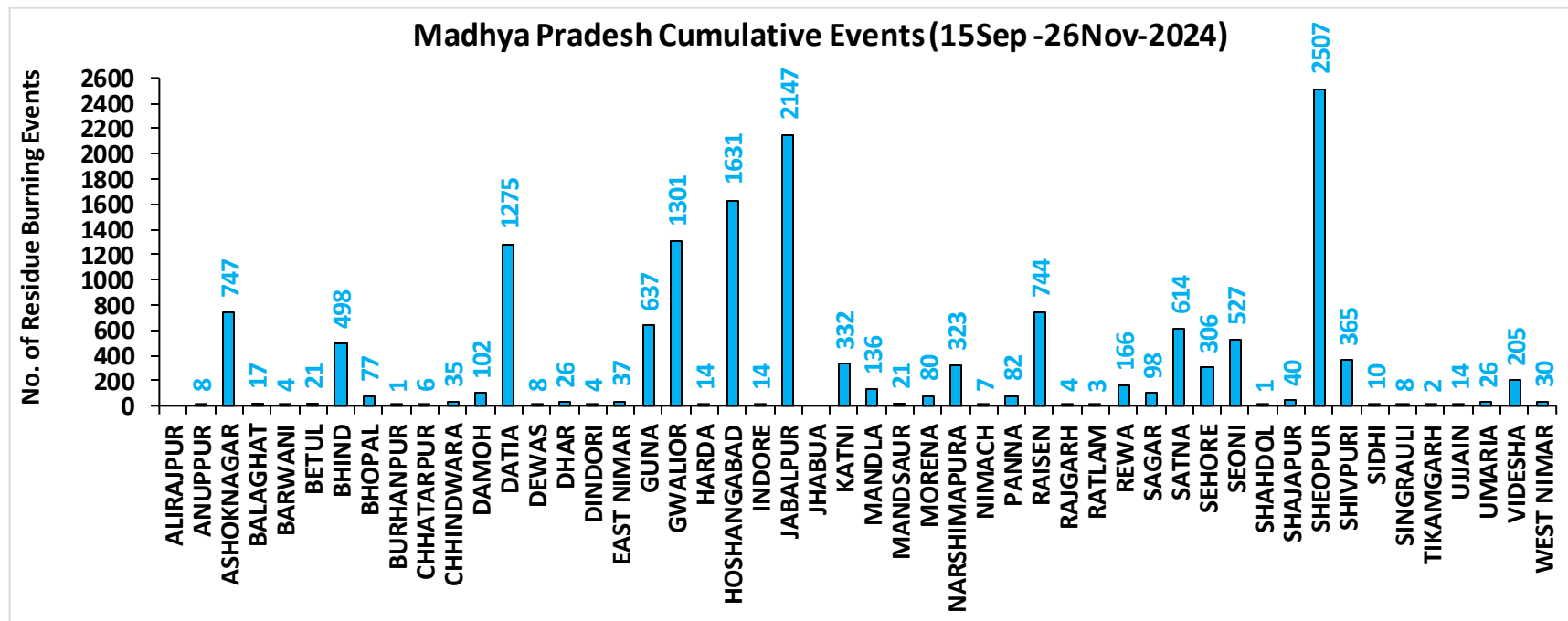
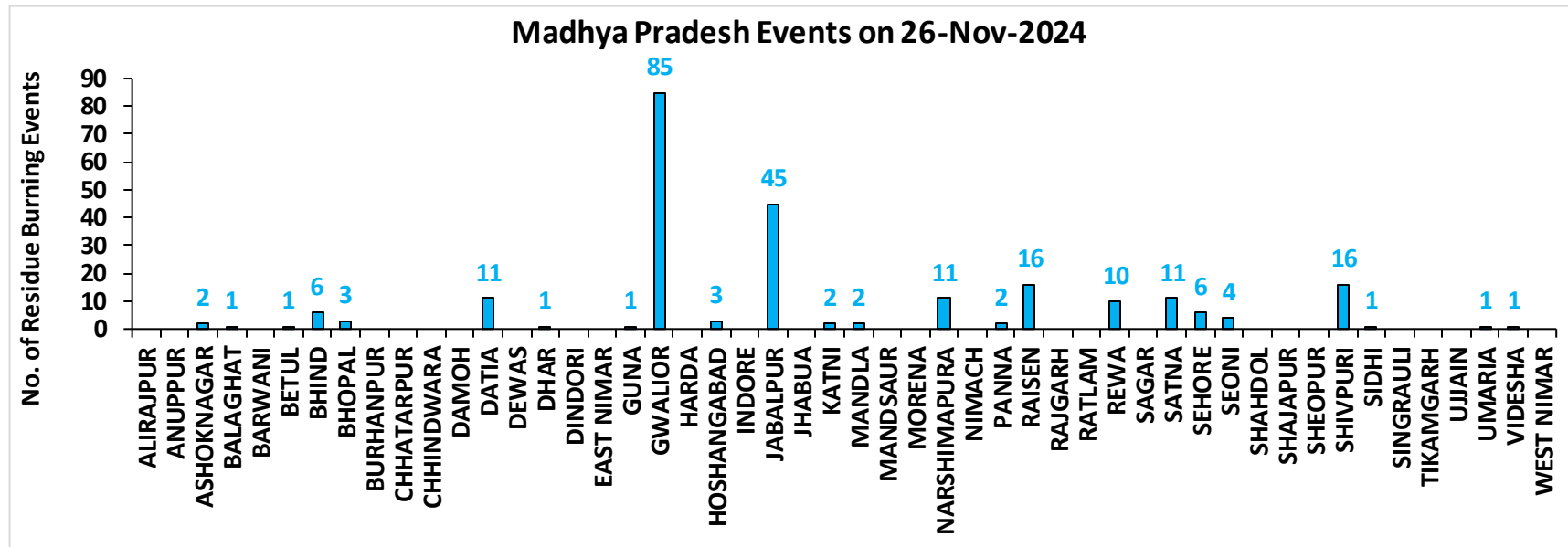
Fire Intensity (W/m²)

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



http://103.111.37.126/icar_geportal/

District-wise cumulative number of residues burning events in Madhya Pradesh (15Sep-26Nov-2024)



District-wise cumulative number of residues burning events detected in 2020, 2021, 2022, 2023 and 2024
(Period: 15 September-26 November)

(a) Punjab

District	15 Sep-26 Nov				
	2020	2021	2022	2023	2024
Amritsar	3059	2174	1541	1573	734
Barnala	5336	4326	2910	2313	259
Bathinda	5226	4480	4589	2965	745
Faridkot	4730	3953	2692	2021	544
Fatehgarh Sahib	1536	1722	1148	887	228
Fazilka	2527	2385	2587	1839	368
Firozpur	8511	6286	4556	3398	1334
Gurdaspur	2128	1393	844	389	198
Hoshiarpur	386	330	258	118	29
Jalandhar	1940	2547	1385	1193	151
Kapurthala	1883	1796	1278	1045	351
Ludhiana	5054	5814	2681	1798	321
Malerkotla*	--	--	--	413	203
Mansa	3780	3217	2813	2267	612
Moga	7397	6515	3607	2794	688
Muktsar	4990	4585	3874	1663	795
Pathankot	13	6	1	4	3
Patiala	6431	5423	3394	1878	541
Rupnagar	205	307	246	46	10
Sangrur#	11724	9389	5915	5618	1722
SAS NAGAR (Mohali)	127	147	103	133	40
SBS Nagar	131	355	270	235	34
Tarn Taran	5604	4117	3184	2024	870
Total	82718	71267	49876	36614	10780

(b) Haryana

District	15 Sep-26 Nov				
	2020	2021	2022	2023	2024
AMBALA	346	304	224	188	94
BHIWANI	4	10	9	10	7
CHARKHI DADRI	0	0	1	2	0
FARIDABAD	1	3	1	6	47
FATEHABAD	843	1476	763	576	130
GURGAON	0	0	0	0	0
HISAR	52	235	112	111	45
JHAJJAR	6	7	8	20	11
JIND	343	908	528	343	208
KAITHAL	838	1154	641	262	194
KARNAL	581	953	299	125	95
KURUKSHETRA	406	538	300	154	132
MAHENDRAGARH	0	0	0	0	0
MEWAT	0	0	0	0	0
PALWAL	46	115	51	57	38
PANCHKULA	0	0	0	1	19
PANIPAT	50	247	82	25	40
REWARI	0	0	0	0	0
ROHTAK	48	73	61	71	22
SIRSA	261	538	298	160	172
SONIPAT	70	210	91	77	66
YAMUNANAGAR	142	147	152	96	38
Total	4037	6918	3621	2284	1358

*Malerkotla events are included in Sangrur events in 2020, 2021, 2022.

Sangrur events in 2023 and 2024 do not include Malerkotla events.

(c) Uttar Pradesh

District	15 Sep-26 Nov																
	2020	2021	2022	2023	2024	GAUTAMBUDHNAGAR	15	19	11	14	41	MUZAFARNAGAR	49	24	23	33	59
AGRA	7	0	0	4	11	GAZIPUR	24	24	27	23	35	PILHIBHIT	21	219	148	111	99
ALIGARH	113	39	44	89	179	GHAZIABAD	26	14	9	28	27	PRATAPGARH	41	36	30	46	37
ALLAHABAD	39	21	17	21	38	GONDA	12	11	1	11	17	RAIBEARELI	41	81	50	78	128
AMBEDKARNAGAR	36	27	37	52	91	GORAKHPUR	46	28	40	138	152	RAMPUR	163	188	105	99	40
AMETHI	9	21	17	70	31	HAMIRPUR	6	0	0	0	0	SAMBHAL	19	17	14	19	95
AMROHA	12	8	8	5	21	HAPUR	31	14	11	17	19	SANTKABIRNAGAR	29	20	15	59	40
AURAIYA	86	69	60	77	48	HARDOI	101	107	80	101	148	SANTRAVIDASNAGAR	4	5	4	3	7
AZAMGARH	62	29	29	37	50	HATHRAS	0	0	2	3	15	SHAHJAHANPUR	143	411	319	124	148
BADAUN	14	17	6	11	32	JALAUN	43	0	0	0	0	SHAMLI	47	41	14	26	35
BAGHPAT	19	14	14	24	32	JAUNPUR	49	33	33	43	53	SHARANPUR	98	75	21	34	45
BAHRAICH	107	59	23	46	43	JHANSI	352	136	120	172	297	SHRAWASTI	47	45	18	58	47
BALLIA	143	64	51	34	61	KANNAUJ	33	6	7	7	26	SIDDHARTHANAGAR	76	128	43	156	75
BALRAMPUR	68	21	12	32	19	KANPUR	32	33	29	51	79	SITAPUR	68	48	35	59	108
BANDA	40	11	20	37	37	KANPUR DEHAT	86	47	60	144	154	SONBHADRA	0	2	0	0	1
BARABANKI	36	69	58	80	107	KASGANJ	3	2	3	4	3	SULTANPUR	7	25	30	51	58
BAREILLY	79	65	60	65	50	KAUSHAMBI	92	86	49	69	82	UNNAO	45	30	37	60	144
BASTI	58	50	20	91	68	KHERI	171	169	146	106	146	VARANASI	2	5	0	3	4
BIJNOR	41	38	14	20	29	KUSHINAGAR	80	36	49	119	204	Total	4006	3617	2663	3737	5248
BULANDSAHAR	61	12	22	25	48	LALITPUR	3	6	3	6	0						
CHANDAULI	21	6	7	2	7	LUCKNOW	35	33	15	43	44						
CHITRAKOOT	12	9	12	14	43	MAHARAJGANJ	55	140	173	190	621						
DEORIA	83	28	41	73	81	MAHOBA	27	0	0	0	0						
ETAH	17	10	8	20	28	MAINPURI	63	49	40	57	102						
ETAWAH	75	91	64	129	152	MATHURA	160	240	30	95	119						
FAIZABAD	14	11	7	27	35	MAU	34	17	13	28	39						
FARRUKHABAD	6	4	1	1	4	MEERUT	79	34	33	30	49						
FATEHPUR	123	99	95	101	189	MIRZAPUR	11	10	7	2	11						
FIROZABAD	27	17	10	10	22	MORADABAD	29	14	9	20	39						

(d) Delhi

District	15 Sep-26 Nov				
	2020	2021	2022	2023	2024
CENTRAL	0	0	0	0	0
EAST	0	0	0	0	0
NEW DELHI	0	0	0	0	0
NORTH	3	3	9	5	8
NORTH EAST	0	0	0	0	0
NORTH WEST DELHI	3	1	0	0	4
SHAHADRA	0	0	0	0	0
SOUTH	1	0	0	0	0
SOUTH EAST	0	0	0	0	0
SOUTH WEST DELHI	0	0	0	0	0
WEST DELHI	2	0	1	0	0
Total	9	4	10	5	12

(e) Rajasthan

District	15 Sep-26 Nov				
	2020	2021	2022	2023	2024
AJMER	3	0	0	0	0
ALWAR	10	0	0	0	0
BANSWARA	0	0	0	1	1
BARAN	167	11	77	339	368
BARMER	4	0	0	0	0
BHARATPUR	2	3	1	3	8
BHILWARA	11	0	0	0	0
BIKANER	1	0	0	0	0
BUNDI	128	84	180	213	464
CHITTAURGARH	2	13	8	15	13
CHURU	0	0	0	0	0
DAUSA	1	0	0	0	0
DHOLPUR	0	0	0	0	0
DUNGARPUR	0	0	2	2	1
GANGANAGAR	202	139	103	153	283
HANUMANGARH	894	946	677	698	1093
JAIPUR	4	0	0	0	0
JAISELMER	5	0	0	0	0
JALOR	2	0	0	0	0
JHALAWAR	10	1	11	12	6
JHUNJHUNUN	1	0	0	0	0
JODHPUR	5	0	0	0	0
KARALI	1	0	0	0	1
KOTA	116	57	147	268	360
NAGPUR	3	0	0	0	0
PALI	11	0	0	0	0
PRATAPGARH	8	0	0	0	0
RAJSMAND	1	0	0	0	0
SIKAR	0	0	0	0	0
SIROHI	2	0	0	0	0
SWAIMADHOPUR	65	34	55	57	110
TONK	5	0	0	0	0
UDAIPUR	2	1	3	8	1
Total	1666	1289	1264	1769	2709

(f) Madhya Pradesh

District	15 Sep-26 Nov										
	2020	2021	2022	2023	2024	PANNA	50	21	39	48	82
ALIRAJPUR	0	0	0	0	0	RAISEN	602	344	442	407	744
ANUPPUR	3	2	6	3	8	RAJGARH	11	3	5	11	4
ASHOKNAGAR	156	90	187	278	747	RATLAM	10	7	3	6	3
BALAGHAT	8	4	3	4	17	REWA	136	103	89	94	166
BARWANI	4	0	0	3	4	SAGAR	28	31	54	92	98
BETUL	36	15	24	44	21	SATNA	570	483	461	388	614
BHIND	259	152	207	270	498	SEHORE	162	148	213	193	306
BHOPAL	52	39	41	50	77	SEONI	1231	887	1119	1438	527
BURHANPUR	16	1	5	10	1	SHAHDOL	3	1	2	2	1
CHHATARPUR	9	0	2	3	6	SHAJAPUR	20	0	0	20	40
CHHINDWARA	135	57	101	178	35	SHEOPUR	1858	1006	1800	1859	2507
DAMOH	75	53	70	100	102	SHIVPURI	382	86	285	301	365
DATIA	1185	482	856	912	1275	SIDHI	4	5	2	2	10
DEWAS	8	0	0	14	8	SINGRAULI	0	7	3	18	8
DHAR	46	0	0	45	26	TIKAMGARH	4	0	1	6	2
DINDORI	0	0	1	3	4	UJJAIN	14	0	0	18	14
EAST NIMAR	23	7	11	56	37	UMARIA	8	8	14	11	26
GUNA	69	11	121	468	637	VIDESHA	144	105	91	152	205
GWALIOR	2047	675	1580	1066	1301	WEST NIMAR	66	10	19	45	30
HARDA	14	21	11	31	14	Total	13947	7472	11346	12484	15261
HOSHANGABAD	1059	1066	1097	1181	1631						
INDORE	4	0	0	12	14						
JABALPUR	2603	1140	1763	1984	2147						
JHABUA	0	0	0	0	0						
KATNI	325	104	205	274	332						
MANDLA	147	103	146	97	136						
MANDSAUR	14	0	0	6	21						
MORENA	62	37	25	48	80						
NARSHIMAPURA	283	158	242	232	323						
NIMACH	2	0	0	1	7						

State-wise and date-wise number of paddy residue burning events detected in 2020 ,2021 ,2022, 2023 and 2024
(Period: 15 September-26 November)

Number of Paddy Residue Burning Events Detected

Date	Punjab					Haryana					Uttar Pradesh				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
15-Sep	5	0	14	0	11	2	0	0	1	1	1	0	0	0	0
16-Sep	0	2	0	6	0	1	0	0	1	0	0	0	0	2	0
17-Sep	5	0	1	0	5	3	0	0	0	1	0	0	0	0	1
18-Sep	17	9	7	0	2	0	0	1	0	0	0	1	0	0	0
19-Sep	30	5	18	0	0	2	0	0	1	0	0	1	0	0	0
20-Sep	67	8	10	0	13	6	0	0	2	1	2	0	0	0	0
21-Sep	54	0	56	1	21	2	0	0	2	13	1	0	0	1	2
22-Sep	34	0	30	0	11	1	0	0	2	18	1	0	0	0	0
23-Sep	49	0	3	1	6	0	0	0	3	12	1	0	0	0	0
24-Sep	78	5	0	0	12	0	0	0	0	6	1	1	0	1	0
25-Sep	184	11	0	0	12	11	0	0	1	18	5	0	0	1	0
26-Sep	190	19	0	3	5	5	0	0	2	5	8	0	0	0	0
27-Sep	78	37	0	21	0	8	0	0	9	5	4	1	0	0	3
28-Sep	55	28	0	33	0	6	1	0	8	0	1	6	0	4	0
29-Sep	63	64	0	68	21	9	4	0	17	0	6	10	0	6	0
30-Sep	116	27	8	81	10	22	2	0	26	1	13	13	10	18	0
01-Oct	165	13	45	123	26	15	4	1	21	3	7	13	3	17	0
02-Oct	141	0	83	119	16	30	2	7	24	20	12	0	36	7	9
03-Oct	110	9	75	105	8	8	6	8	17	6	4	3	29	8	7
04-Oct	162	23	65	95	9	29	2	7	29	9	8	0	2	9	0
05-Oct	161	18	130	98	5	17	3	24	24	8	14	2	0	14	1
06-Oct	171	42	85	91	3	30	0	26	19	23	12	1	0	18	17
07-Oct	197	72	62	32	18	32	11	6	13	14	41	13	0	5	11
08-Oct	95	108	19	92	20	29	27	0	55	13	25	11	0	27	16
09-Oct	121	114	3	58	33	20	39	1	14	10	15	20	0	13	10
10-Oct	232	150	4	10	123	33	95	2	28	38	9	54	0	34	56
11-Oct	377	64	45	26	143	90	51	0	21	55	23	28	0	50	87
12-Oct	388	97	104	13	177	69	51	4	5	98	46	23	0	5	102

13-Oct	266	132	120	154	162	47	91	15	29	90	36	42	0	19	76
14-Oct	605	229	82	89	97	69	98	30	41	49	9	68	5	18	52
15-Oct	449	660	169	69	144	106	363	36	127	42	15	149	0	35	78
16-Oct	654	429	206	0	99	80	176	76	4	14	21	121	6	14	59
17-Oct	1172	14	403	1	77	143	0	86	0	28	38	39	7	0	23
18-Oct	938	57	342	18	59	166	1	134	8	26	76	0	30	2	47
19-Oct	1080	496	436	37	45	72	55	122	16	15	43	5	36	11	30
20-Oct	890	788	96	174	52	62	155	78	51	11	31	1	17	25	11
21-Oct	1392	597	393	146	65	101	131	107	68	2	25	5	23	59	25
22-Oct	1665	1111	582	30	71	128	140	122	25	10	32	3	18	117	17
23-Oct	1438	620	902	152	57	106	218	217	29	15	84	8	109	20	68
24-Oct	911	0	1019	360	40	57	38	250	70	6	63	11	212	38	18
25-Oct	1416	76	181	398	71	155	71	12	58	3	50	18	9	30	23
26-Oct	2126	329	1238	589	108	77	175	123	67	11	33	41	23	78	16
27-Oct	2563	279	1111	766	138	96	93	83	67	13	40	58	23	97	27
28-Oct	3232	906	2067	127	142	139	149	123	14	13	87	35	34	36	28
29-Oct	1624	1353	1898	1068	219	52	161	112	75	13	139	32	73	48	72
30-Oct	3946	1373	1761	1030	110	100	148	112	52	3	50	53	43	19	47
31-Oct	3531	2895	2131	1389	484	108	353	70	51	42	49	170	20	28	79
01-Nov	3835	1796	1842	1921	587	151	124	88	99	35	74	157	9	95	67
02-Nov	4098	3001	3634	1668	379	111	203	166	48	19	82	87	25	37	87
03-Nov	2818	2512	2666	1551	216	93	197	128	28	19	197	66	40	36	16
04-Nov	4584	3032	2437	1360	262	72	228	63	33	13	152	123	61	17	84
05-Nov	4529	5327	2817	3230	361	66	331	90	109	9	52	70	24	64	122
06-Nov	5382	3942	599	2060	286	151	219	46	65	9	43	208	28	87	50
07-Nov	5491	5199	2487	1515	258	150	182	37	26	18	86	46	8	169	60
08-Nov	3674	4397	604	2003	730	115	138	11	44	29	169	21	44	47	55
09-Nov	1718	5079	1778	639	237	21	217	69	27	24	115	51	58	17	139
10-Nov	3127	4008	1893	6	345	80	184	35	0	22	101	77	33	30	128
11-Nov	2822	4156	3916	104	418	93	126	152	27	27	71	151	36	35	25
12-Nov	1989	3403	2467	987	83	83	127	99	110	12	108	120	36	238	83
13-Nov	2441	3742	2175	1624	509	105	210	132	44	4	172	95	102	176	139
14-Nov	307	2541	4	1776	5	35	195	17	21	11	258	49	101	26	202
15-Nov	32	1761	141	2544	238	31	129	21	62	20	29	67	84	49	186
16-Nov	8	1757	1358	1271	136	0	269	84	46	25	15	138	48	56	46
17-Nov	248	523	966	1150	404	9	101	39	45	2	38	177	50	168	200
18-Nov	670	680	701	637	1251	60	111	108	21	36	62	14	66	180	133

19-Nov	454	448	426	740	270	37	132	79	33	35	129	11	116	188	368
20-Nov	677	283	368	634	179	77	127	32	38	30	134	20	168	102	395
21-Nov	457	168	243	513	192	65	178	11	54	10	135	106	46	110	165
22-Nov	46	66	78	512	147	15	91	20	62	17	120	276	76	217	232
23-Nov	43	91	140	205	162	52	59	27	23	53	106	186	73	307	198
24-Nov	9	34	66	191	77	20	37	32	16	52	167	87	195	178	426
25-Nov	0	31	44	37	67	1	41	28	4	26	127	80	241	74	379
26-Nov	16	21	22	63	31	0	48	12	2	17	83	74	127	100	145
Total	82718	71267	49876	36614	10780	4037	6918	3621	2284	1358	4006	3617	2663	3737	5248

Number of Paddy Residue Burning Events Detected

Date	Delhi					Rajasthan					Madhya Pradesh				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
15-Sep	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0
16-Sep	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	1
18-Sep	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	1	0
20-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
21-Sep	0	0	0	0	0	1	0	1	0	0	2	0	0	0	1
22-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23-Sep	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
24-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-Sep	0	0	0	0	0	1	0	0	0	3	0	0	0	1	0
26-Sep	0	0	0	1	0	1	0	0	0	0	2	0	0	0	2
27-Sep	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
28-Sep	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0
29-Sep	0	0	0	0	0	3	0	0	6	0	0	4	0	5	0
30-Sep	1	0	0	0	0	1	0	0	4	2	5	0	0	11	0
01-Oct	0	0	0	0	0	4	1	1	4	1	13	0	1	8	3
02-Oct	1	0	0	0	0	7	0	3	4	3	12	0	1	1	0
03-Oct	0	0	0	0	0	9	0	2	5	0	5	1	5	5	2

04-Oct	0	0	0	0	0	15	0	0	22	0	4	2	0	12	0
05-Oct	0	0	2	0	0	14	0	1	11	2	13	1	0	18	2
06-Oct	1	0	0	0	0	16	0	0	9	1	37	1	0	7	12
07-Oct	0	0	0	0	0	14	1	1	7	4	31	1	0	9	17
08-Oct	0	0	0	0	0	11	0	0	9	1	17	2	0	18	7
09-Oct	0	0	0	0	0	12	0	0	17	1	15	4	0	24	2
10-Oct	0	0	0	0	3	14	1	0	26	3	18	10	0	52	1
11-Oct	0	0	0	1	0	21	7	1	21	6	32	2	0	24	17
12-Oct	0	0	0	0	2	24	1	2	1	13	44	1	1	1	5
13-Oct	0	0	0	0	1	7	5	2	28	10	21	2	7	32	5
14-Oct	0	0	0	0	1	16	1	1	15	20	15	11	1	26	7
15-Oct	0	0	0	0	0	9	8	2	34	23	8	27	2	66	11
16-Oct	1	0	0	0	1	12	2	4	18	100	23	13	2	51	112
17-Oct	0	0	0	0	0	26	0	4	12	16	63	1	11	31	51
18-Oct	0	0	1	0	3	37	2	12	11	30	88	0	15	13	71
19-Oct	0	0	0	0	0	27	5	12	31	25	49	1	12	65	46
20-Oct	0	0	0	0	0	26	4	4	57	11	9	21	7	131	24
21-Oct	2	0	0	0	0	32	2	6	34	21	112	30	18	147	53
22-Oct	0	0	0	0	0	29	5	12	57	36	183	29	31	119	93
23-Oct	1	0	0	0	0	23	7	20	29	50	204	32	70	89	194
24-Oct	0	0	2	0	0	20	4	7	38	11	150	34	26	132	32
25-Oct	1	0	0	0	0	18	2	4	47	49	144	60	0	159	94
26-Oct	0	0	0	0	1	34	3	21	59	54	178	55	57	320	170
27-Oct	0	0	0	0	0	42	1	21	73	60	294	62	38	256	130
28-Oct	0	0	0	0	0	45	4	46	12	65	537	110	143	202	160
29-Oct	0	0	0	0	0	29	23	37	73	93	349	97	151	372	175
30-Oct	0	0	0	0	0	17	20	55	37	89	428	168	119	224	131
31-Oct	0	0	0	0	0	37	15	36	33	85	455	299	112	360	145
01-Nov	0	0	1	0	0	51	5	27	60	68	709	198	142	509	226
02-Nov	0	0	0	0	0	55	19	63	40	80	820	214	284	401	296
03-Nov	1	0	1	0	0	34	20	54	38	36	771	148	323	552	67
04-Nov	0	0	2	0	0	46	19	34	21	98	618	123	348	408	506
05-Nov	0	0	0	0	0	46	45	91	59	90	474	320	319	698	502
06-Nov	0	0	0	0	0	40	32	27	47	72	678	248	392	655	320
07-Nov	0	0	0	1	0	57	38	80	23	68	848	199	383	497	320
08-Nov	0	0	0	1	0	33	44	5	29	119	981	170	783	417	474
09-Nov	0	1	0	0	0	34	48	22	3	57	495	330	570	251	544

10-Nov	0	0	0	0	0	48	40	34	27	79	346	380	282	508	783
11-Nov	0	1	0	0	0	75	55	95	29	85	418	506	482	488	595
12-Nov	0	0	0	0	0	31	40	84	33	42	422	185	421	300	694
13-Nov	0	2	0	0	0	54	78	63	60	96	670	171	773	144	1124
14-Nov	0	0	0	0	0	16	88	1	53	28	294	346	633	164	686
15-Nov	0	0	0	0	0	6	51	2	84	37	35	353	507	326	683
16-Nov	0	0	0	0	0	16	81	78	27	52	145	660	316	423	480
17-Nov	0	0	0	1	0	60	38	48	45	65	191	261	416	465	663
18-Nov	0	0	0	0	0	75	77	55	25	152	352	126	524	363	639
19-Nov	0	0	0	0	0	27	73	19	37	57	124	16	625	187	664
20-Nov	0	0	0	0	0	59	53	15	40	87	106	6	556	208	593
21-Nov	0	0	0	0	0	57	72	12	51	85	159	95	196	267	274
22-Nov	0	0	0	0	0	9	21	4	52	80	165	188	170	510	396
23-Nov	0	0	0	0	0	66	61	10	24	101	150	262	259	263	487
24-Nov	0	0	1	0	0	13	26	14	2	37	258	224	299	253	697
25-Nov	0	0	0	0	0	2	30	7	16	31	106	343	315	228	526
26-Nov	0	0	0	0	0	0	11	2	0	19	48	318	198	4	242
Total	9	4	10	5	12	1666	1289	1264	1769	2709	13947	7472	11346	12484	15261

Details of residue burning events in Punjab on 26-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	CHOGAWAN	S-NPP	31.73600	74.67793	14:24:20	D	5.10
2	AMRITSAR	CHOGAWAN	S-NPP	31.73703	74.67550	14:24:20	D	3.90
3	BARNALA	BARNALA	S-NPP	30.33430	75.60179	12:44:03	D	3.90
4	BATHINDA	TALWANDI SABO	S-NPP	29.95905	74.99512	12:44:03	D	4.30
5	FARIDKOT	FARIDKOT	AQUA	30.64700	74.65800	15:02:27	D	22.60
6	FARIDKOT	JAITON	S-NPP	30.45870	74.86784	14:24:20	D	4.70
7	FATEHGARH SAHIB	SIRHIND	S-NPP	30.48731	76.35491	12:44:03	D	5.70
8	FAZILKA	ABOHAR	S-NPP	30.02702	74.40990	14:24:20	D	2.40
9	FAZILKA	FAZILKA	AQUA	30.36200	74.06100	15:02:27	D	16.90
10	FAZILKA	GURUHAR SAHAI	S-NPP	30.62770	74.26740	14:24:20	D	3.00
11	FAZILKA	JALALABAD	AQUA	30.60900	74.20500	15:02:27	D	71.00
12	FAZILKA	KHUIAN SARWAR	S-NPP	30.22716	74.02770	14:24:20	D	7.10
13	FAZILKA	KHUIAN SARWAR	S-NPP	30.22719	74.03030	14:24:20	D	5.30
14	FIROZPUR	GURUHAR SAHAI	S-NPP	30.71656	74.32381	14:24:20	D	4.60
15	FIROZPUR	GURUHAR SAHAI	S-NPP	30.75256	74.40636	14:24:20	D	6.50
16	FIROZPUR	GURUHAR SAHAI	S-NPP	30.75288	74.41204	14:24:20	D	9.00
17	FIROZPUR	GURUHAR SAHAI	S-NPP	30.75567	74.40824	14:24:20	D	16.50
18	FIROZPUR	GURUHAR SAHAI	S-NPP	30.75916	74.41163	14:24:20	D	9.00
19	FIROZPUR	GURUHAR SAHAI	AQUA	30.66400	74.38300	15:02:27	D	16.90
20	FIROZPUR	GURUHAR SAHAI	AQUA	30.66600	74.40700	15:02:27	D	13.90
21	FIROZPUR	GURUHAR SAHAI	AQUA	30.70300	74.37800	15:02:27	D	23.40
22	FIROZPUR	MAMDOT	S-NPP	30.75884	74.40595	14:24:20	D	6.50
23	HOSHIARPUR	HOSHIARPUR 1	S-NPP	31.52084	75.75352	12:44:03	D	2.00
24	HOSHIARPUR	MAHILPUR	S-NPP	31.47217	76.05033	12:44:03	D	1.50
25	JALANDHAR	RURKA KALAN	S-NPP	31.09587	75.71693	14:24:20	D	9.50
26	KAPURTHALA	KAPURTHALA	S-NPP	31.43043	75.40950	12:44:03	D	3.30
27	LUDHIANA	MACHHIWARA	S-NPP	31.00069	76.25260	14:24:20	D	6.00
28	MALERKOTLA	AHMEDGARH	S-NPP	30.66087	75.82189	12:44:03	D	2.70
29	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.35214	74.61108	12:44:03	D	2.60
30	MUKTSAR	MALOUT	S-NPP	30.35578	74.32324	14:24:20	D	6.60
31	MUKTSAR	MUKTSAR	S-NPP	30.55743	74.45571	12:44:03	D	4.90

Details of residue burning events in Haryana on 26-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBALA	AMBALA-II	S-NPP	30.30851	76.72251	01:34:46	N	0.60
2	AMBALA	BARARA	S-NPP	30.27555	77.10129	03:14:20	N	1.20
3	AMBALA	NARAINGARH	S-NPP	30.39204	77.08817	12:44:03	D	5.20
4	ROHTAK	LAKHAN MAJRA	S-NPP	29.06650	76.47082	01:34:46	N	0.30
5	SIRSA	ELLENABAD	S-NPP	29.48320	74.66795	03:14:20	N	1.10
6	SIRSA	ELLENABAD	S-NPP	29.48343	74.66846	01:34:46	N	0.80
7	SIRSA	SIRSA	S-NPP	29.45163	74.94577	01:34:46	N	1.00
8	SIRSA	SIRSA	S-NPP	29.45194	74.94150	01:34:46	N	1.30
9	SIRSA	SIRSA	S-NPP	29.46032	74.92803	03:14:20	N	1.70
10	SIRSA	SIRSA	S-NPP	29.48660	74.93207	01:34:46	N	1.60
11	SIRSA	SIRSA	S-NPP	29.48692	74.92777	01:34:46	N	1.60
12	SIRSA	SIRSA	S-NPP	29.48959	74.93161	01:34:46	N	1.70
13	SIRSA	SIRSA	S-NPP	29.50572	74.96448	03:14:20	N	1.10
14	SIRSA	SIRSA	S-NPP	29.50596	74.96413	03:14:20	N	0.80
15	SIRSA	SIRSA	S-NPP	29.52185	75.18490	01:34:46	N	0.40
16	SIRSA	SIRSA	S-NPP	29.58143	74.91502	01:34:46	N	0.20
17	SONIPAT	KATHURA	S-NPP	29.23838	76.48867	12:44:03	D	3.00

Details of residue burning events in Uttar Pradesh on 26-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ALIGARH	GABHANA	S-NPP	28.12571	77.76485	12:44:03	D	4.00
2	ALIGARH	GABHANA	S-NPP	28.12728	77.76583	12:44:03	D	3.90
3	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.40908	82.71281	12:44:03	D	5.50
4	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.42850	82.25813	12:44:03	D	3.30
5	AMBEDKARNAGAR	JALALPUR	S-NPP	26.41004	82.71510	12:44:03	D	5.10
6	AMBEDKARNAGAR	TANDA	S-NPP	26.52045	82.57561	12:44:03	D	8.10
7	AMBEDKARNAGAR	TANDA	S-NPP	26.52753	82.59126	12:44:03	D	2.40
8	AMBEDKARNAGAR	TANDA	S-NPP	26.56155	82.57754	12:44:03	D	7.00
9	AMBEDKARNAGAR	TANDA	S-NPP	26.59609	82.60971	12:44:03	D	6.20
10	AMBEDKARNAGAR	TANDA	S-NPP	26.61932	82.48137	12:44:03	D	3.70
11	AMETHI	GAURIGANJ	S-NPP	26.34080	81.68223	12:44:03	D	2.10
12	AMETHI	GAURIGANJ	S-NPP	26.36384	81.66798	12:44:03	D	2.30
13	AZAMGARH	BURHANPUR	S-NPP	26.23211	82.92771	12:44:03	D	3.30
14	AZAMGARH	MEHNAGAR	S-NPP	25.80856	83.14725	12:44:03	D	1.70
15	BADAUN	BADAUN	S-NPP	28.12966	79.11488	12:44:03	D	5.20
16	BAGHPAT	BARAUT	S-NPP	29.11389	77.33586	12:44:03	D	1.30
17	BAGHPAT	BARAUT	S-NPP	29.16987	77.25495	12:44:03	D	1.50
18	BALLIA	BALLIA	S-NPP	25.80838	84.03571	12:44:03	D	3.60
19	BALLIA	BALLIA	S-NPP	25.90300	84.05457	12:44:03	D	2.80
20	BALLIA	BELTHARA ROAD	S-NPP	26.02356	83.72618	12:44:03	D	2.50
21	BALLIA	RASRA	S-NPP	25.85340	83.92599	12:44:03	D	3.50
22	BALLIA	RASRA	S-NPP	25.89254	83.94033	12:44:03	D	3.50
23	BALLIA	RASRA	S-NPP	25.96879	83.91850	12:44:03	D	4.70
24	BALLIA	RASRA	S-NPP	25.97116	83.95299	12:44:03	D	4.20
25	BALLIA	SIKANDARPUR	S-NPP	25.93622	83.97067	12:44:03	D	2.30
26	BALLIA	SIKANDARPUR	S-NPP	25.99108	84.10697	12:44:03	D	3.90
27	BALRAMPUR	TULSIPUR	S-NPP	27.44667	82.66337	12:44:03	D	2.00
28	BANDA	ATARRA	S-NPP	25.39548	80.73376	01:34:46	N	1.00
29	BARABANKI	HAIDARGARH	S-NPP	26.57534	81.35062	01:34:46	N	0.70

30	BIJNOR	CHANDPUR	S-NPP	29.09544	78.38432	12:44:03	D	3.00
31	BULANSAHAR	ANUP SHAHR	S-NPP	28.37018	78.03595	12:44:03	D	8.70
32	CHANDAULI	CHAKIA	S-NPP	25.11677	83.31387	12:44:03	D	3.10
33	CHANDAULI	CHANDAULI	S-NPP	25.18096	83.32986	12:44:03	D	6.50
34	CHITRAKOOT	KARWI	S-NPP	25.28753	81.12347	01:34:46	N	1.10
35	DEORIA	DEORIA	S-NPP	26.66701	83.71258	12:44:03	D	2.40
36	FATEHPUR	FATEHPUR	S-NPP	26.00525	80.83819	12:44:03	D	4.70
37	GHAZIABAD	GHAZIABAD	S-NPP	28.76821	77.55858	01:34:46	N	0.50
38	GORAKHPUR	GORAKHPUR	S-NPP	26.79601	83.58943	12:44:03	D	2.30
39	GORAKHPUR	GORAKHPUR	S-NPP	26.80529	83.52896	12:44:03	D	3.60
40	GORAKHPUR	GORAKHPUR	S-NPP	26.87473	83.48756	12:44:03	D	4.20
41	HARDOI	HARDOI	S-NPP	27.39363	80.03792	12:44:03	D	9.20
42	HARDOI	SHAHABAD	S-NPP	27.54371	79.86696	12:44:03	D	2.90
43	JAUNPUR	MARIAHU	S-NPP	25.60484	82.67684	01:34:46	N	1.00
44	JAUNPUR	SHHGANJ	S-NPP	25.94868	82.62311	12:44:03	D	4.70
45	JAUNPUR	SHHGANJ	S-NPP	25.96460	82.65195	12:44:03	D	5.30
46	JAUNPUR	SHHGANJ	S-NPP	26.03910	82.63468	12:44:03	D	3.40
47	JAUNPUR	SHHGANJ	S-NPP	26.04167	82.60496	12:44:03	D	4.10
48	JAUNPUR	SHHGANJ	S-NPP	26.09406	82.64970	12:44:03	D	2.20
49	JAUNPUR	SHHGANJ	S-NPP	26.11975	82.52700	12:44:03	D	3.00
50	JHANSI	MOTH	S-NPP	25.66556	78.95574	12:44:03	D	6.90
51	KANPUR	BILHAUR	S-NPP	26.71511	80.10942	12:44:03	D	2.90
52	KANPUR	KANPUR NAGAR	S-NPP	26.39361	80.20985	12:44:03	D	3.90
53	KANPUR DEHAT	AKBARPUR	S-NPP	26.49314	79.91139	12:44:03	D	4.60
54	KANPUR DEHAT	DERAPUR	S-NPP	26.50205	79.77975	12:44:03	D	7.50
55	KAUSHAMBI	MANJHANPUR	S-NPP	25.44434	81.23700	12:44:03	D	4.50
56	KAUSHAMBI	MANJHANPUR	S-NPP	25.47874	81.29136	12:44:03	D	2.70
57	KAUSHAMBI	MANJHANPUR	S-NPP	25.48175	81.28948	12:44:03	D	3.70
58	KHERI	GOLA	S-NPP	27.89274	80.33852	12:44:03	D	9.80
59	KHERI	GOLA	S-NPP	27.89705	80.33739	12:44:03	D	4.50
60	KHERI	LAKHIMPUR	S-NPP	27.87710	80.85211	01:34:46	N	0.70
61	KHERI	MOHMADI	S-NPP	27.90387	80.08647	12:44:03	D	4.80
62	KHERI	MOHMADI	S-NPP	27.90488	80.09130	12:44:03	D	4.80

63	KHERI	MOHMADI	S-NPP	28.15910	80.26040	12:44:03	D	2.20
64	KUSHINAGAR	HATA	S-NPP	26.72955	83.62475	12:44:03	D	2.50
65	KUSHINAGAR	HATA	S-NPP	26.74975	83.63038	12:44:03	D	3.00
66	KUSHINAGAR	HATA	S-NPP	26.79774	83.59196	12:44:03	D	4.50
67	KUSHINAGAR	HATA	S-NPP	26.81068	83.69250	12:44:03	D	3.10
68	KUSHINAGAR	HATA	S-NPP	26.82082	83.68517	12:44:03	D	3.00
69	KUSHINAGAR	HATA	S-NPP	26.82205	83.70277	12:44:03	D	2.20
70	KUSHINAGAR	HATA	S-NPP	26.82341	83.69969	12:44:03	D	4.40
71	KUSHINAGAR	HATA	S-NPP	26.84351	83.63239	12:44:03	D	2.50
72	KUSHINAGAR	HATA	S-NPP	26.84491	83.70264	12:44:03	D	2.70
73	KUSHINAGAR	HATA	S-NPP	26.84931	83.58031	12:44:03	D	7.80
74	KUSHINAGAR	HATA	S-NPP	26.86405	83.57698	12:44:03	D	4.20
75	KUSHINAGAR	HATA	S-NPP	26.88041	83.60378	12:44:03	D	3.20
76	KUSHINAGAR	HATA	S-NPP	26.88424	83.58259	12:44:03	D	2.20
77	KUSHINAGAR	HATA	S-NPP	26.92789	83.58005	12:44:03	D	2.30
78	KUSHINAGAR	HATA	S-NPP	26.93395	83.65457	12:44:03	D	5.20
79	KUSHINAGAR	HATA	S-NPP	26.95051	83.64076	12:44:03	D	13.60
80	KUSHINAGAR	PADRAUNA	S-NPP	27.16942	83.85220	12:44:03	D	2.20
81	KUSHINAGAR	PADRAUNA	S-NPP	27.16975	83.85400	12:44:03	D	2.50
82	LUCKNOW	LUCKNOW	S-NPP	26.75666	80.75173	12:44:03	D	5.50
83	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.89492	83.52633	12:44:03	D	3.10
84	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.92737	83.47283	12:44:03	D	2.30
85	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.96658	83.56111	12:44:03	D	1.70
86	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.97163	83.63094	12:44:03	D	3.30
87	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.01024	83.61210	12:44:03	D	3.10
88	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.02959	83.64499	12:44:03	D	2.80
89	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.02987	83.58433	12:44:03	D	3.20
90	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.03099	83.64273	12:44:03	D	2.10
91	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.04238	83.44363	12:44:03	D	3.90
92	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.05490	83.53294	12:44:03	D	3.20
93	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.06683	83.53532	12:44:03	D	2.50
94	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.11679	83.60005	12:44:03	D	3.30
95	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.12951	83.61448	12:44:03	D	5.50

96	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.13127	83.61697	12:44:03	D	4.90
97	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.19511	83.51350	12:44:03	D	1.60
98	MAHARAJGANJ	NICHLAUL	S-NPP	27.14372	83.69153	12:44:03	D	3.70
99	MAHARAJGANJ	NICHLAUL	S-NPP	27.14507	83.69415	12:44:03	D	5.30
100	MAHARAJGANJ	NICHLAUL	S-NPP	27.18908	83.71124	12:44:03	D	3.50
101	MAHARAJGANJ	NICHLAUL	S-NPP	27.24885	83.72758	12:44:03	D	9.40
102	MAHARAJGANJ	NICHLAUL	S-NPP	27.30011	83.72366	12:44:03	D	4.80
103	MAU	MADHUBAN	S-NPP	26.07641	83.65006	12:44:03	D	6.30
104	MAU	MAU	S-NPP	25.88784	83.52460	01:34:46	N	0.30
105	MAU	MAU	S-NPP	26.01496	83.61496	12:44:03	D	2.90
106	MEERUT	MEERUT	S-NPP	28.99241	77.59879	12:44:03	D	0.90
107	MIRZAPUR	MARIHAN	S-NPP	24.86279	82.88271	12:44:03	D	3.60
108	MORADABAD	BILARI	S-NPP	28.63256	78.88390	12:44:03	D	7.10
109	MORADABAD	THAKUR DWARA	S-NPP	29.13394	78.91373	12:44:03	D	2.80
110	MORADABAD	THAKUR DWARA	S-NPP	29.13604	78.91457	12:44:03	D	4.00
111	MUZAFARNAGAR	BUDHANA	S-NPP	29.25949	77.33044	12:44:03	D	2.70
112	MUZAFARNAGAR	BUDHANA	S-NPP	29.26368	77.32561	12:44:03	D	1.20
113	MUZAFARNAGAR	BUDHANA	S-NPP	29.35101	77.40926	12:44:03	D	2.50
114	MUZAFARNAGAR	BUDHANA	S-NPP	29.35160	77.40871	12:44:03	D	2.20
115	MUZAFARNAGAR	JANSATH	S-NPP	29.30145	78.03577	12:44:03	D	4.10
116	PILHIBHIT	PILHIBHIT	S-NPP	28.65021	79.87970	12:44:03	D	3.30
117	PRATAPGARH	KUNDA	S-NPP	25.69047	81.75109	12:44:03	D	1.70
118	PRATAPGARH	LALGANJ	S-NPP	25.84244	81.58926	01:34:46	N	0.30
119	RAIBEARELI	MAHARAJGANG	S-NPP	26.39539	81.34682	12:44:03	D	3.80
120	RAIBEARELI	MAHARAJGANG	S-NPP	26.44463	81.11498	12:44:03	D	2.10
121	RAIBEARELI	RAEBARELI	S-NPP	26.31790	81.21719	12:44:03	D	3.70
122	RAIBEARELI	SALON	S-NPP	26.18609	81.43572	12:44:03	D	5.50
123	RAIBEARELI	TILOI	S-NPP	26.41124	81.46880	12:44:03	D	4.20
124	RAIBEARELI	TILOI	S-NPP	26.54252	81.44653	12:44:03	D	3.20
125	RAIBEARELI	TILOI	S-NPP	26.56648	81.39153	12:44:03	D	3.10
126	RAIBEARELI	UNCHA HAR	S-NPP	25.96346	81.41555	12:44:03	D	4.20
127	SANTKABIRNAGAR	GHANGHATA	S-NPP	26.64183	83.04594	12:44:03	D	2.50
128	SANTRAVIDASNAGAR	AURAI	S-NPP	25.30677	82.64238	01:34:46	N	0.80

129	SHAHJAHANPUR	PUWANYA	S-NPP	28.05029	79.94016	12:44:03	D	7.20
130	SHAHJAHANPUR	PUWANYA	S-NPP	28.05307	79.94257	12:44:03	D	7.60
131	SHAMLI	KAIRANA	S-NPP	29.51715	77.24194	12:44:03	D	3.70
132	SIDDHARTHANAGAR	NAUGARH	S-NPP	27.42303	83.14260	12:44:03	D	2.20
133	SITAPUR	LAHARPUR	S-NPP	27.76573	80.94298	12:44:03	D	3.80
134	SITAPUR	MISRIK	S-NPP	27.30676	80.70289	12:44:03	D	2.70
135	SITAPUR	MISRIK	S-NPP	27.66678	80.45774	12:44:03	D	2.80
136	SULTANPUR	KADIRPUR	S-NPP	26.16337	82.54029	12:44:03	D	4.40
137	SULTANPUR	KADIRPUR	S-NPP	26.23566	82.45618	12:44:03	D	3.20
138	SULTANPUR	KADIRPUR	S-NPP	26.25267	82.42644	12:44:03	D	5.90
139	SULTANPUR	KADIRPUR	S-NPP	26.25399	82.42222	12:44:03	D	4.50
140	SULTANPUR	LAMBHUA	S-NPP	26.13083	82.06287	12:44:03	D	3.30
141	UNNAO	HASANGANJ	S-NPP	26.65818	80.64923	12:44:03	D	9.90
142	UNNAO	HASANGANJ	S-NPP	26.65819	80.64643	12:44:03	D	6.20
143	UNNAO	HASANGANJ	S-NPP	26.66154	80.64344	12:44:03	D	9.90
144	UNNAO	HASANGANJ	S-NPP	26.66158	80.64062	12:44:03	D	6.20
145	UNNAO	HASANGANJ	S-NPP	26.66253	80.64532	12:44:03	D	6.20

Details of residue burning events in Rajasthan on 26-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	GANGANAGAR	ANAPGARH	S-NPP	29.16886	73.30756	12:44:03	D	6.20
2	GANGANAGAR	SURATGARH	S-NPP	29.47458	73.86703	14:24:20	D	3.50
3	HANUMANGARH	HANUMANGARH	S-NPP	29.53889	74.20268	12:44:03	D	3.50
4	HANUMANGARH	HANUMANGARH	S-NPP	29.59974	74.34257	12:44:03	D	3.10
5	HANUMANGARH	HANUMANGARH	S-NPP	29.61540	74.39282	14:24:20	D	7.10
6	HANUMANGARH	HANUMANGARH	AQUA	29.61500	74.39000	15:02:27	D	30.80
7	HANUMANGARH	PILIBANGA	S-NPP	29.48224	74.10419	14:24:20	D	7.30
8	HANUMANGARH	PILIBANGA	S-NPP	29.48233	74.10294	14:24:20	D	7.50
9	HANUMANGARH	PILIBANGA	S-NPP	29.49015	74.13518	14:24:20	D	6.20
10	HANUMANGARH	SANGHRIYA	S-NPP	29.60978	74.40421	14:24:20	D	9.40
11	HANUMANGARH	SANGHRIYA	S-NPP	29.61705	74.39537	14:24:20	D	10.00
12	HANUMANGARH	TIBI	S-NPP	29.57769	74.42860	12:44:03	D	11.40
13	HANUMANGARH	TIBI	S-NPP	29.59415	74.42990	14:24:20	D	22.80
14	HANUMANGARH	TIBI	S-NPP	29.59822	74.42155	14:24:20	D	10.00
15	HANUMANGARH	TIBI	S-NPP	29.59852	74.42705	14:24:20	D	10.00
16	HANUMANGARH	TIBI	S-NPP	29.60004	74.42400	14:24:20	D	21.20
17	HANUMANGARH	TIBI	S-NPP	29.60528	74.40715	14:24:20	D	6.10
18	HANUMANGARH	TIBI	AQUA	29.56500	74.56100	15:02:27	D	46.30
19	HANUMANGARH	TIBI	AQUA	29.56700	74.56800	15:02:27	D	38.40

Details of residue burning events in Madhya Pradesh on 26-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	MUNGAOLI	S-NPP	24.23674	77.95741	12:44:03	D	2.30
2	ASHOKNAGAR	MUNGAOLI	S-NPP	24.23822	77.95668	12:44:03	D	2.60
3	BALAGHAT	WARASEONI	S-NPP	21.64734	80.00609	12:44:03	D	2.60
4	BETUL	AMLAL	S-NPP	21.98294	78.31354	12:44:03	D	2.70
5	BHIND	GOHAD	S-NPP	26.48383	78.27090	12:44:03	D	5.60
6	BHIND	GOHAD	S-NPP	26.48671	78.26874	12:44:03	D	6.40
7	BHIND	GOHAD	S-NPP	26.51114	78.39965	12:44:03	D	2.00
8	BHIND	GOHAD	S-NPP	26.51169	78.39759	12:44:03	D	2.00
9	BHIND	GOHAD	S-NPP	26.51561	78.30240	12:44:03	D	2.80
10	BHIND	GOHAD	S-NPP	26.52378	78.36208	12:44:03	D	2.50
11	BHOPAL	HUZUR	S-NPP	23.15368	77.52303	12:44:03	D	4.80
12	BHOPAL	HUZUR	S-NPP	23.15495	77.52274	12:44:03	D	4.90
13	BHOPAL	HUZUR	S-NPP	23.20242	77.47998	01:34:46	N	0.30
14	DATIA	BHANDER	S-NPP	25.90178	78.65564	12:44:03	D	3.80
15	DATIA	SEONDHA	S-NPP	25.85722	78.54871	12:44:03	D	4.80
16	DATIA	SEONDHA	S-NPP	25.96951	78.67958	12:44:03	D	1.40
17	DATIA	SEONDHA	S-NPP	25.97739	78.64397	12:44:03	D	9.80
18	DATIA	SEONDHA	S-NPP	25.97809	78.64715	12:44:03	D	13.60
19	DATIA	SEONDHA	S-NPP	25.98235	78.64264	12:44:03	D	9.80
20	DATIA	SEONDHA	S-NPP	25.98305	78.64582	12:44:03	D	13.60
21	DATIA	SEONDHA	S-NPP	25.99871	78.62142	12:44:03	D	2.50
22	DATIA	SEONDHA	S-NPP	25.99940	78.62460	12:44:03	D	2.50
23	DATIA	SEONDHA	S-NPP	26.01413	78.64900	12:44:03	D	4.70
24	DATIA	SEONDHA	S-NPP	26.01487	78.64735	12:44:03	D	3.50
25	DHAR	MANAWAR	S-NPP	22.26536	75.13358	01:34:46	N	1.00
26	GUNA	GUNA	S-NPP	24.58170	77.44146	01:34:46	N	1.10
27	GWALIOR	BHITARWAR	S-NPP	25.71563	78.03541	12:44:03	D	4.80
28	GWALIOR	BHITARWAR	S-NPP	25.72079	78.03397	12:44:03	D	4.10
29	GWALIOR	BHITARWAR	S-NPP	25.73146	78.05696	12:44:03	D	2.30

30	GWALIOR	BHITARWAR	S-NPP	25.73739	78.05900	12:44:03	D	3.00
31	GWALIOR	BHITARWAR	S-NPP	25.74366	78.08688	12:44:03	D	4.40
32	GWALIOR	BHITARWAR	S-NPP	25.74391	78.11227	12:44:03	D	1.90
33	GWALIOR	BHITARWAR	S-NPP	25.75189	78.17197	12:44:03	D	4.30
34	GWALIOR	BHITARWAR	S-NPP	25.75344	78.10609	12:44:03	D	3.90
35	GWALIOR	BHITARWAR	S-NPP	25.75384	78.01015	12:44:03	D	3.00
36	GWALIOR	BHITARWAR	S-NPP	25.76707	77.97202	12:44:03	D	2.90
37	GWALIOR	BHITARWAR	S-NPP	25.77620	78.18353	12:44:03	D	5.30
38	GWALIOR	BHITARWAR	S-NPP	25.80572	78.02097	12:44:03	D	5.10
39	GWALIOR	BHITARWAR	S-NPP	25.81256	78.04034	14:24:20	D	4.70
40	GWALIOR	BHITARWAR	S-NPP	25.81289	78.00427	12:44:03	D	2.70
41	GWALIOR	BHITARWAR	S-NPP	25.81447	78.01125	12:44:03	D	5.00
42	GWALIOR	BHITARWAR	S-NPP	25.81605	78.01820	12:44:03	D	7.00
43	GWALIOR	BHITARWAR	S-NPP	25.81841	78.02861	12:44:03	D	5.00
44	GWALIOR	BHITARWAR	S-NPP	25.81920	78.03208	12:44:03	D	5.00
45	GWALIOR	BHITARWAR	S-NPP	25.82592	78.03761	12:44:03	D	8.80
46	GWALIOR	BHITARWAR	S-NPP	25.82670	78.04108	12:44:03	D	3.80
47	GWALIOR	BHITARWAR	S-NPP	25.82727	78.03960	14:24:20	D	9.70
48	GWALIOR	BHITARWAR	S-NPP	25.83029	78.03271	12:44:03	D	3.40
49	GWALIOR	BHITARWAR	S-NPP	25.84779	78.01321	12:44:03	D	3.60
50	GWALIOR	BHITARWAR	S-NPP	25.84983	77.99790	12:44:03	D	6.00
51	GWALIOR	BHITARWAR	S-NPP	25.85091	78.02711	12:44:03	D	1.60
52	GWALIOR	BHITARWAR	S-NPP	25.86051	78.09421	12:44:03	D	1.90
53	GWALIOR	BHITARWAR	S-NPP	25.86853	78.00997	12:44:03	D	3.40
54	GWALIOR	BHITARWAR	S-NPP	25.86922	78.01111	12:44:03	D	3.90
55	GWALIOR	BHITARWAR	S-NPP	25.87798	78.07485	12:44:03	D	3.60
56	GWALIOR	BHITARWAR	S-NPP	25.88165	78.04320	12:44:03	D	1.20
57	GWALIOR	BHITARWAR	S-NPP	25.88465	78.08035	12:44:03	D	3.60
58	GWALIOR	BHITARWAR	S-NPP	25.88520	78.08241	12:44:03	D	9.10
59	GWALIOR	BHITARWAR	S-NPP	25.88541	78.08378	12:44:03	D	8.90
60	GWALIOR	BHITARWAR	S-NPP	25.88599	78.08584	12:44:03	D	9.10
61	GWALIOR	BHITARWAR	S-NPP	25.88618	78.08722	12:44:03	D	8.90
62	GWALIOR	BHITARWAR	S-NPP	25.88877	78.07419	12:44:03	D	4.70

63	GWALIOR	BHITARWAR	S-NPP	25.88902	78.07552	12:44:03	D	3.60
64	GWALIOR	BHITARWAR	S-NPP	25.88955	78.07761	12:44:03	D	4.70
65	GWALIOR	BHITARWAR	S-NPP	25.88979	78.07895	12:44:03	D	3.60
66	GWALIOR	BHITARWAR	S-NPP	25.89711	78.03909	12:44:03	D	1.30
67	GWALIOR	BHITARWAR	S-NPP	25.91201	78.10432	12:44:03	D	3.40
68	GWALIOR	BHITARWAR	S-NPP	25.92474	78.06451	12:44:03	D	4.40
69	GWALIOR	BHITARWAR	S-NPP	25.92552	78.06793	12:44:03	D	4.40
70	GWALIOR	BHITARWAR	S-NPP	25.92566	78.02044	12:44:03	D	1.90
71	GWALIOR	BHITARWAR	S-NPP	25.92755	78.05285	12:44:03	D	1.60
72	GWALIOR	BHITARWAR	S-NPP	25.93423	78.05830	12:44:03	D	1.70
73	GWALIOR	BHITARWAR	S-NPP	25.94498	78.03342	12:44:03	D	2.50
74	GWALIOR	BHITARWAR	S-NPP	25.95245	78.04235	12:44:03	D	2.30
75	GWALIOR	BHITARWAR	S-NPP	25.95489	78.19760	12:44:03	D	1.30
76	GWALIOR	BHITARWAR	S-NPP	25.95642	78.20433	12:44:03	D	4.00
77	GWALIOR	BHITARWAR	S-NPP	25.95718	78.20771	12:44:03	D	5.70
78	GWALIOR	BHITARWAR	S-NPP	25.95947	78.14595	12:44:03	D	1.90
79	GWALIOR	BHITARWAR	S-NPP	25.96118	78.03265	12:44:03	D	3.10
80	GWALIOR	BHITARWAR	S-NPP	25.96611	78.15135	12:44:03	D	2.10
81	GWALIOR	BHITARWAR	S-NPP	25.96683	78.22657	12:44:03	D	1.50
82	GWALIOR	BHITARWAR	S-NPP	25.96737	78.20500	12:44:03	D	3.90
83	GWALIOR	BHITARWAR	S-NPP	25.96812	78.20836	12:44:03	D	3.90
84	GWALIOR	BHITARWAR	S-NPP	25.97274	78.15675	12:44:03	D	3.90
85	GWALIOR	BHITARWAR	S-NPP	25.97322	78.20701	12:44:03	D	3.90
86	GWALIOR	BHITARWAR	S-NPP	25.97344	78.23196	12:44:03	D	5.70
87	GWALIOR	BHITARWAR	S-NPP	25.97893	78.11184	12:44:03	D	3.00
88	GWALIOR	BHITARWAR	AQUA	25.81800	78.02900	15:02:27	D	29.30
89	GWALIOR	BHITARWAR	AQUA	25.88600	78.04600	15:02:27	D	36.20
90	GWALIOR	BHITARWAR	AQUA	25.89200	78.05300	15:02:27	D	40.40
91	GWALIOR	DABRA	S-NPP	25.85538	78.24018	12:44:03	D	1.60
92	GWALIOR	DABRA	S-NPP	25.85843	78.25370	12:44:03	D	3.00
93	GWALIOR	DABRA	S-NPP	25.85919	78.25706	12:44:03	D	4.20
94	GWALIOR	DABRA	S-NPP	25.87087	78.26105	12:44:03	D	4.60
95	GWALIOR	DABRA	S-NPP	25.89537	78.22588	12:44:03	D	2.60

96	GWALIOR	DABRA	S-NPP	25.89731	78.30697	12:44:03	D	2.10
97	GWALIOR	DABRA	S-NPP	25.90387	78.31229	12:44:03	D	2.50
98	GWALIOR	DABRA	S-NPP	25.91575	78.22039	12:44:03	D	4.40
99	GWALIOR	DABRA	S-NPP	25.93124	78.23615	12:44:03	D	1.20
100	GWALIOR	DABRA	S-NPP	25.94141	78.23344	12:44:03	D	3.90
101	GWALIOR	DABRA	S-NPP	25.94458	78.34195	12:44:03	D	5.20
102	GWALIOR	DABRA	S-NPP	25.94802	78.23879	12:44:03	D	4.60
103	GWALIOR	DABRA	S-NPP	25.96725	78.27618	12:44:03	D	4.10
104	GWALIOR	DABRA	S-NPP	25.96801	78.27952	12:44:03	D	4.10
105	GWALIOR	DABRA	S-NPP	25.97118	78.31734	12:44:03	D	1.20
106	GWALIOR	DABRA	S-NPP	25.97233	78.27484	12:44:03	D	3.60
107	GWALIOR	DABRA	S-NPP	25.97308	78.27817	12:44:03	D	3.60
108	GWALIOR	DABRA	S-NPP	25.98728	78.48317	12:44:03	D	6.10
109	GWALIOR	DABRA	S-NPP	25.98912	78.48100	12:44:03	D	12.10
110	GWALIOR	DABRA	S-NPP	26.00222	78.45517	12:44:03	D	1.60
111	GWALIOR	GWALIOR	S-NPP	26.32563	78.33669	12:44:03	D	2.70
112	HOSHANGABAD	BANKHERI	S-NPP	22.81330	78.46416	01:34:46	N	0.70
113	HOSHANGABAD	PIPARIYA	S-NPP	22.69197	78.33449	12:44:03	D	6.30
114	HOSHANGABAD	SOHAGPUR	S-NPP	22.69248	78.28588	12:44:03	D	2.60
115	JABALPUR	JABALPUR	S-NPP	23.23989	79.90900	12:44:03	D	6.50
116	JABALPUR	JABALPUR	S-NPP	23.24922	79.92332	12:44:03	D	4.70
117	JABALPUR	JABALPUR	S-NPP	23.25209	79.91846	12:44:03	D	20.70
118	JABALPUR	JABALPUR	S-NPP	23.25409	79.92211	12:44:03	D	7.50
119	JABALPUR	JABALPUR	S-NPP	23.30717	79.83389	12:44:03	D	13.70
120	JABALPUR	JABALPUR	S-NPP	23.37982	79.92639	12:44:03	D	4.90
121	JABALPUR	MAJHOULI	S-NPP	23.43823	79.98594	12:44:03	D	7.90
122	JABALPUR	MAJHOULI	S-NPP	23.44441	80.06366	12:44:03	D	6.30
123	JABALPUR	MAJHOULI	S-NPP	23.45636	79.99987	12:44:03	D	6.30
124	JABALPUR	MAJHOULI	S-NPP	23.45757	80.00568	12:44:03	D	6.30
125	JABALPUR	MAJHOULI	S-NPP	23.45921	80.00277	12:44:03	D	4.60
126	JABALPUR	MAJHOULI	S-NPP	23.49601	80.06915	12:44:03	D	0.80
127	JABALPUR	MAJHOULI	S-NPP	23.51969	80.04882	12:44:03	D	3.60
128	JABALPUR	MAJHOULI	S-NPP	23.53541	80.09929	12:44:03	D	3.70

129	JABALPUR	PATAN	S-NPP	23.20918	79.73743	12:44:03	D	5.40
130	JABALPUR	PATAN	S-NPP	23.20970	79.73927	12:44:03	D	4.90
131	JABALPUR	PATAN	S-NPP	23.24780	79.77261	12:44:03	D	19.90
132	JABALPUR	PATAN	S-NPP	23.27960	79.75199	12:44:03	D	6.80
133	JABALPUR	PATAN	S-NPP	23.29798	79.74107	12:44:03	D	5.20
134	JABALPUR	PATAN	S-NPP	23.33103	79.79455	12:44:03	D	4.10
135	JABALPUR	PATAN	S-NPP	23.33512	79.79539	12:44:03	D	6.90
136	JABALPUR	PATAN	S-NPP	23.33592	79.79333	12:44:03	D	7.10
137	JABALPUR	PATAN	S-NPP	23.34516	79.86838	12:44:03	D	4.10
138	JABALPUR	PATAN	S-NPP	23.35189	79.79572	12:44:03	D	8.30
139	JABALPUR	PATAN	S-NPP	23.37273	79.79688	12:44:03	D	5.00
140	JABALPUR	PATAN	S-NPP	23.37762	79.79566	12:44:03	D	4.70
141	JABALPUR	SAHPURA	S-NPP	23.15655	79.58525	12:44:03	D	2.80
142	JABALPUR	SAHPURA	S-NPP	23.16304	79.76365	12:44:03	D	8.80
143	JABALPUR	SAHPURA	S-NPP	23.16774	79.73685	12:44:03	D	12.00
144	JABALPUR	SAHPURA	S-NPP	23.16990	79.67628	12:44:03	D	11.80
145	JABALPUR	SAHPURA	S-NPP	23.17089	79.67799	12:44:03	D	14.10
146	JABALPUR	SAHPURA	S-NPP	23.17392	79.69469	12:44:03	D	6.70
147	JABALPUR	SAHPURA	S-NPP	23.17478	79.69643	12:44:03	D	5.50
148	JABALPUR	SAHPURA	S-NPP	23.17578	79.65536	12:44:03	D	18.80
149	JABALPUR	SAHPURA	S-NPP	23.17592	79.65239	12:44:03	D	17.70
150	JABALPUR	SAHPURA	S-NPP	23.17690	79.65702	12:44:03	D	10.80
151	JABALPUR	SAHPURA	S-NPP	23.19238	79.73074	12:44:03	D	8.30
152	JABALPUR	SAHPURA	S-NPP	23.19379	79.78590	12:44:03	D	4.50
153	JABALPUR	SAHPURA	S-NPP	23.19403	79.78790	12:44:03	D	3.40
154	JABALPUR	SAHPURA	S-NPP	23.19405	79.71548	12:44:03	D	11.20
155	JABALPUR	SAHPURA	S-NPP	23.19474	79.71728	12:44:03	D	7.10
156	JABALPUR	SIHORA	S-NPP	23.37128	80.09985	12:44:03	D	2.10
157	JABALPUR	SIHORA	S-NPP	23.37682	80.11877	12:44:03	D	4.20
158	JABALPUR	SIHORA	S-NPP	23.45046	80.18825	12:44:03	D	4.30
159	JABALPUR	SIHORA	S-NPP	23.45400	80.22888	12:44:03	D	14.60
160	KATNI	BAHURIBAND	S-NPP	23.67630	80.12976	12:44:03	D	3.50
161	KATNI	RITHI	S-NPP	23.77897	80.24310	12:44:03	D	3.90

162	MANDLA	MANDLA	S-NPP	22.48404	80.33287	12:44:03	D	5.20
163	MANDLA	NAINPUR	S-NPP	22.48582	80.04850	12:44:03	D	2.60
164	NARSHIMAPURA	GADARWARA	S-NPP	22.75226	78.71466	12:44:03	D	3.00
165	NARSHIMAPURA	GOTECAON	S-NPP	23.02774	79.51813	12:44:03	D	2.60
166	NARSHIMAPURA	GOTECAON	S-NPP	23.02841	79.52129	12:44:03	D	4.50
167	NARSHIMAPURA	GOTECAON	S-NPP	23.03993	79.53162	12:44:03	D	2.70
168	NARSHIMAPURA	GOTECAON	S-NPP	23.04110	79.53146	12:44:03	D	2.40
169	NARSHIMAPURA	GOTECAON	S-NPP	23.04338	79.54738	12:44:03	D	3.90
170	NARSHIMAPURA	GOTECAON	S-NPP	23.04444	79.54727	12:44:03	D	4.20
171	NARSHIMAPURA	GOTECAON	S-NPP	23.04818	79.56935	12:44:03	D	5.40
172	NARSHIMAPURA	GOTECAON	S-NPP	23.04886	79.57248	12:44:03	D	5.40
173	NARSHIMAPURA	GOTECAON	S-NPP	23.04909	79.56932	12:44:03	D	5.30
174	NARSHIMAPURA	GOTECAON	S-NPP	23.04975	79.57247	12:44:03	D	5.30
175	PANNA	PANNA	S-NPP	24.60425	80.44073	12:44:03	D	5.00
176	PANNA	PANNA	S-NPP	24.62206	80.38689	12:44:03	D	5.20
177	RAISEN	BARELI	S-NPP	22.85847	78.02874	14:24:20	D	3.80
178	RAISEN	BARELI	S-NPP	22.86051	78.02621	14:24:20	D	3.10
179	RAISEN	BARELI	S-NPP	22.90470	78.07156	14:24:20	D	4.00
180	RAISEN	BARELI	S-NPP	22.90647	78.06892	14:24:20	D	8.20
181	RAISEN	BARELI	S-NPP	23.08757	78.31665	01:34:46	N	1.20
182	RAISEN	BARELI	S-NPP	23.08813	78.23228	12:44:03	D	4.60
183	RAISEN	BARELI	S-NPP	23.08825	78.23305	12:44:03	D	4.50
184	RAISEN	GOHARGANJ	S-NPP	22.99685	77.62807	12:44:03	D	3.10
185	RAISEN	GOHARGANJ	S-NPP	23.02477	77.59409	12:44:03	D	2.50
186	RAISEN	GOHARGANJ	S-NPP	23.03238	77.65381	12:44:03	D	6.30
187	RAISEN	GOHARGANJ	S-NPP	23.03609	77.64404	12:44:03	D	8.10
188	RAISEN	GOHARGANJ	S-NPP	23.16664	77.56804	01:34:46	N	1.40
189	RAISEN	GOHARGANJ	S-NPP	23.17885	77.63507	12:44:03	D	10.00
190	RAISEN	GOHARGANJ	S-NPP	23.18083	77.63444	12:44:03	D	8.50
191	RAISEN	SILVANI	S-NPP	23.21052	78.32822	01:34:46	N	0.50
192	RAISEN	SILVANI	S-NPP	23.26561	78.48267	12:44:03	D	2.80
193	REWA	HUZUR	S-NPP	24.46096	81.25223	12:44:03	D	5.70
194	REWA	HUZUR	S-NPP	24.63877	81.18818	12:44:03	D	3.10

195	REWA	SIRMAUR	S-NPP	24.69346	81.20932	12:44:03	D	6.50
196	REWA	TEONTHAR	S-NPP	24.98257	81.44618	12:44:03	D	3.40
197	REWA	TEONTHAR	S-NPP	25.00173	81.47437	12:44:03	D	5.70
198	REWA	TEONTHAR	S-NPP	25.01634	81.70075	12:44:03	D	5.50
199	REWA	TEONTHAR	S-NPP	25.01788	81.70388	12:44:03	D	5.00
200	REWA	TEONTHAR	S-NPP	25.03206	81.64708	12:44:03	D	2.80
201	REWA	TEONTHAR	S-NPP	25.09030	81.52869	12:44:03	D	3.10
202	REWA	TEONTHAR	S-NPP	25.09263	81.52712	12:44:03	D	3.10
203	SATNA	MAIHAR	S-NPP	24.06654	80.75827	12:44:03	D	2.50
204	SATNA	NAGOD	S-NPP	24.45391	80.45321	12:44:03	D	2.50
205	SATNA	NAGOD	S-NPP	24.49049	80.55878	12:44:03	D	2.70
206	SATNA	NAGOD	S-NPP	24.62549	80.63536	12:44:03	D	6.30
207	SATNA	RAGURAJNAGAR	S-NPP	24.61003	80.76585	12:44:03	D	3.90
208	SATNA	RAGURAJNAGAR	S-NPP	24.72917	80.72455	12:44:03	D	4.70
209	SATNA	RAGURAJNAGAR	S-NPP	24.74437	80.75225	12:44:03	D	5.40
210	SATNA	RAMPURBAGHLEAN	S-NPP	24.52316	80.90202	12:44:03	D	7.90
211	SATNA	RAMPURBAGHLEAN	S-NPP	24.52352	80.89872	12:44:03	D	7.20
212	SATNA	RAMPURBAGHLEAN	S-NPP	24.55937	81.03601	12:44:03	D	2.30
213	SATNA	RAMPURBAGHLEAN	S-NPP	24.61603	81.14423	12:44:03	D	4.40
214	SEHORE	BUDHNI	S-NPP	22.81036	78.02417	01:34:46	N	1.40
215	SEHORE	BUDHNI	S-NPP	22.81462	78.02477	01:34:46	N	1.40
216	SEHORE	BUDHNI	S-NPP	22.86624	77.98653	12:44:03	D	2.40
217	SEHORE	BUDHNI	S-NPP	22.89571	77.96206	12:44:03	D	11.00
218	SEHORE	BUDHNI	S-NPP	22.90104	77.98591	12:44:03	D	4.90
219	SEHORE	BUDHNI	S-NPP	22.90193	77.98988	12:44:03	D	4.90
220	SEONI	BARGHAT	S-NPP	22.05995	79.69923	12:44:03	D	3.50
221	SEONI	GHANSAUR	S-NPP	22.54697	79.84349	12:44:03	D	3.20
222	SEONI	GHANSAUR	S-NPP	22.54761	79.84654	12:44:03	D	3.60
223	SEONI	KEWLARI	S-NPP	22.37504	79.79450	12:44:03	D	1.50
224	SHIVPURI	NARWAR	S-NPP	25.59802	78.21803	12:44:03	D	3.20
225	SHIVPURI	NARWAR	S-NPP	25.60044	78.25357	12:44:03	D	1.10
226	SHIVPURI	NARWAR	S-NPP	25.60107	78.23184	12:44:03	D	1.90
227	SHIVPURI	NARWAR	S-NPP	25.61441	78.26778	12:44:03	D	5.10

228	SHIVPURI	NARWAR	S-NPP	25.61516	78.27116	12:44:03	D	5.10
229	SHIVPURI	NARWAR	S-NPP	25.61538	78.26640	12:44:03	D	4.70
230	SHIVPURI	NARWAR	S-NPP	25.61615	78.26980	12:44:03	D	4.70
231	SHIVPURI	NARWAR	S-NPP	25.61665	78.24815	12:44:03	D	2.80
232	SHIVPURI	NARWAR	S-NPP	25.61741	78.25150	12:44:03	D	3.70
233	SHIVPURI	NARWAR	S-NPP	25.62818	78.10640	12:44:03	D	1.80
234	SHIVPURI	NARWAR	S-NPP	25.63223	78.26905	12:44:03	D	2.20
235	SHIVPURI	NARWAR	S-NPP	25.68618	78.09858	12:44:03	D	4.30
236	SHIVPURI	NARWAR	S-NPP	25.68643	78.09798	12:44:03	D	3.70
237	SHIVPURI	NARWAR	S-NPP	25.68719	78.10143	12:44:03	D	5.50
238	SHIVPURI	NARWAR	S-NPP	25.70534	77.98996	12:44:03	D	1.70
239	SHIVPURI	NARWAR	S-NPP	25.74410	77.99425	14:24:20	D	5.10
240	SIDHI	SIHAWAL	S-NPP	24.55548	82.04794	01:34:46	N	0.70
241	UMARIA	BANDHOGARH	S-NPP	23.69910	80.74437	12:44:03	D	1.70
242	VIDESHA	VIDESHA	S-NPP	23.57568	77.82438	12:44:03	D	1.40

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

S. No.	Satellite Name	Sensor	Resolution (meter)	Day / Night Passes
1.	Suomi NPP	VIIRS	375	Both
2.	JPSS-1 (NOAA-20)	VIIRS	375	Both
3.	JPSS-2 (NOAA-21)	VIIRS	375	Both
4.	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: <http://geoportal.icar.gov.in:8080/geoexplorer/composer/>
(Part of KRISHI Portal: <https://krishi.icar.gov.in> initiative)

The DASHBOARD for paddy residue burning events is available at weblink: [CREAMS Fire Dashboard](#)
