

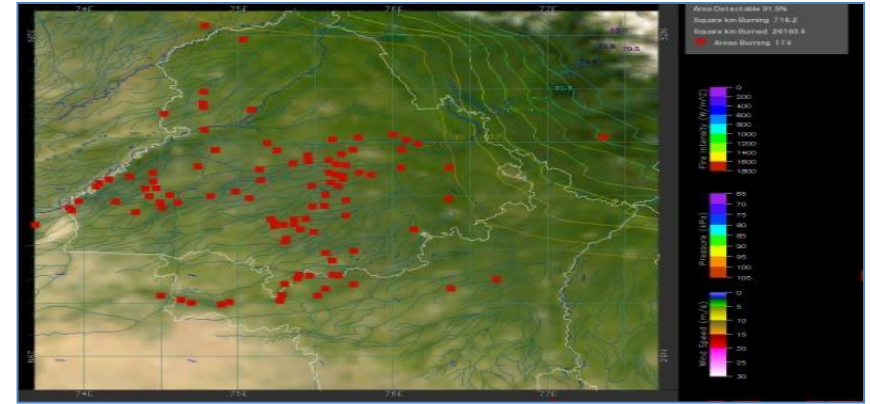
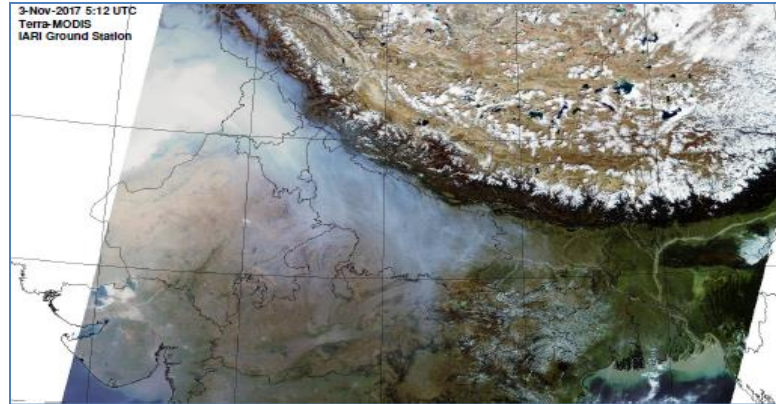


MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2024

**Bulletin
No. 77**

**Events Date:
30-Nov-2024**

**Issued on:
30-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

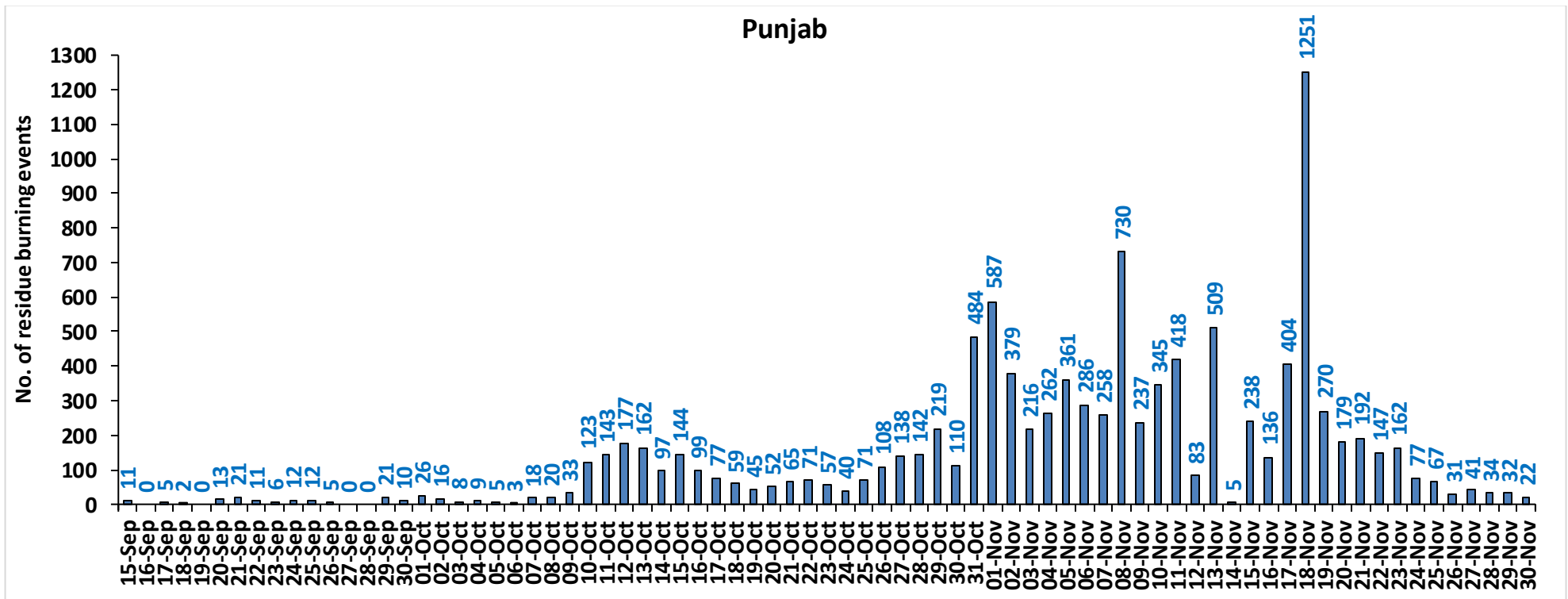
<https://creams.iari.res.in>



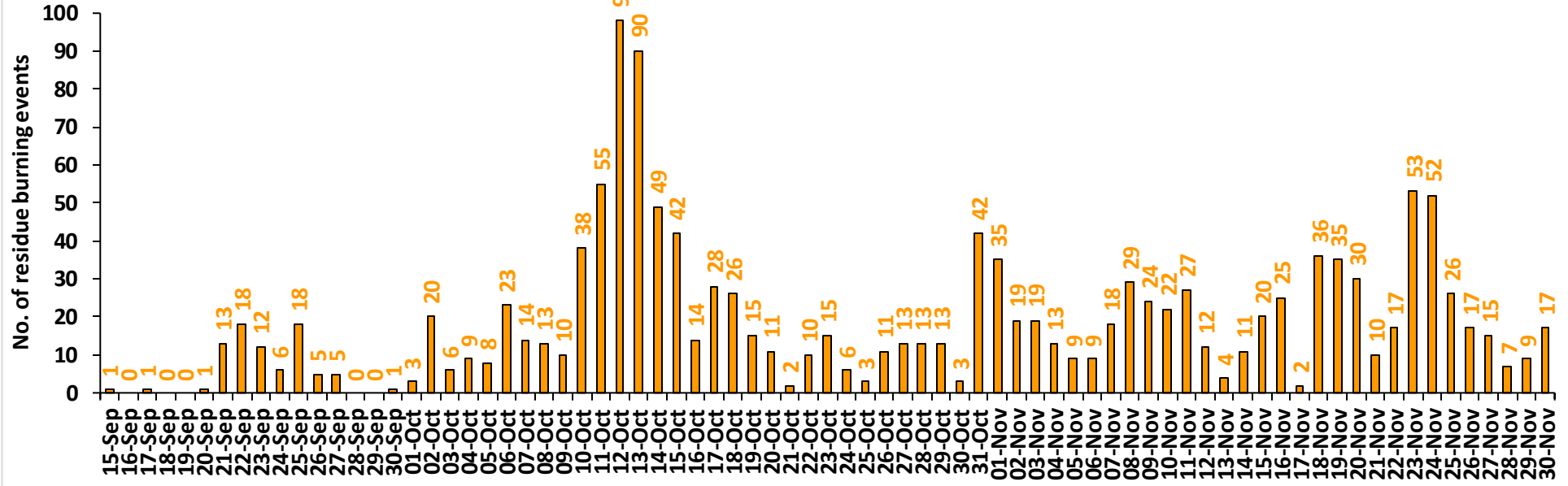
Highlights for 30-Nov-2024

- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol " recommended by CAQM.
- Satellites detected **709** residue burning events in the six study States on **30-Nov-2024**.
- The state wise events detected on **30-Nov-2024** were **22** in Punjab, **17** in Haryana, **373** in UP, **01** in Delhi, **10** in Rajasthan and **286** in MP.
- Total **37602** burning events were detected in the six states between **15-Sept-2024** and **30-Nov-2024**, which are distributed as **10909**, **1406**, **6142**, **13**, **2772** and **16360** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

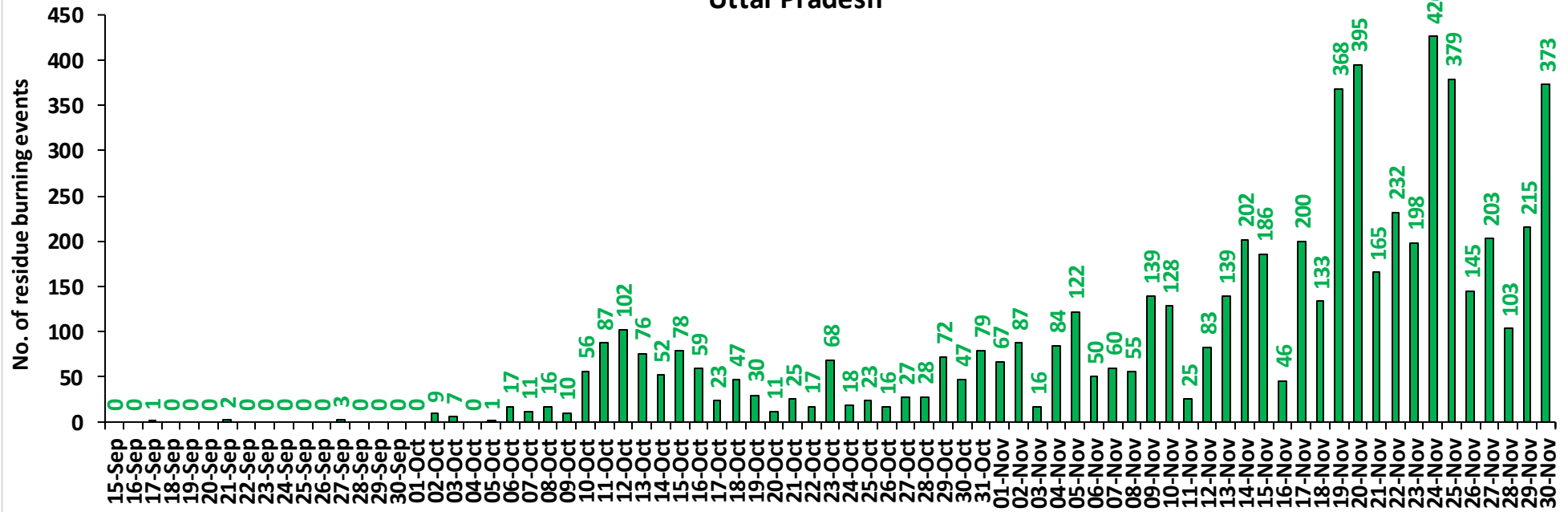
Temporal distribution of rice residue burning events for the study States in 2024

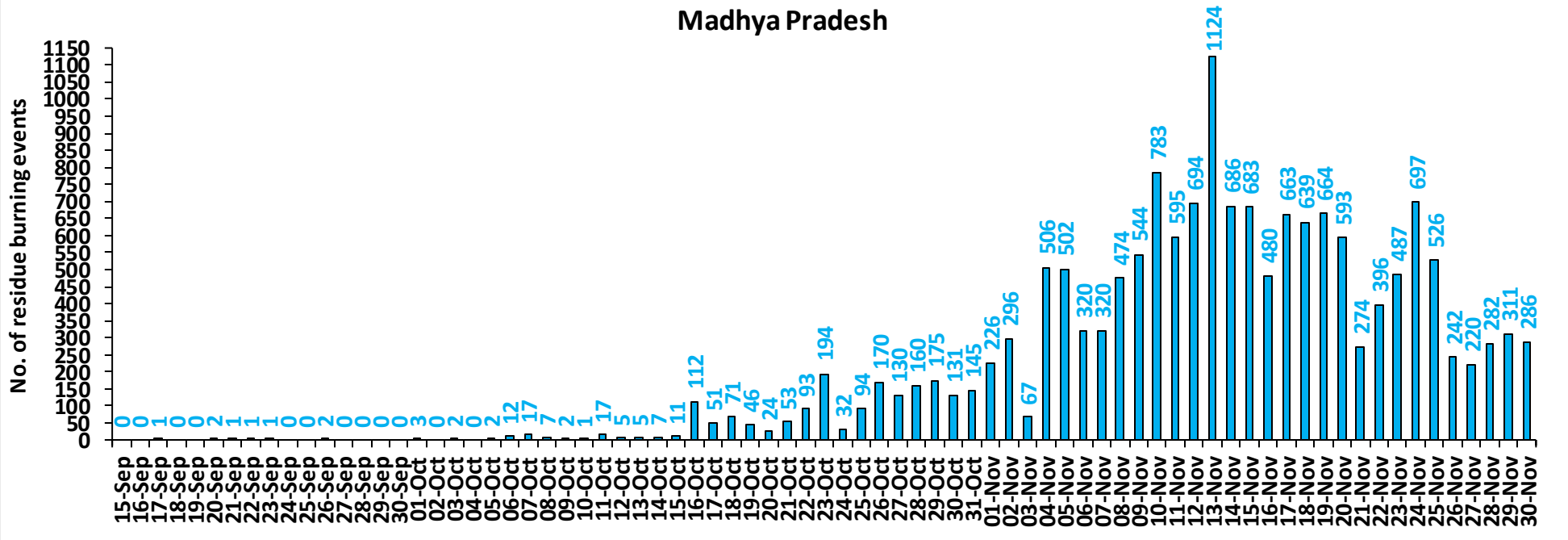
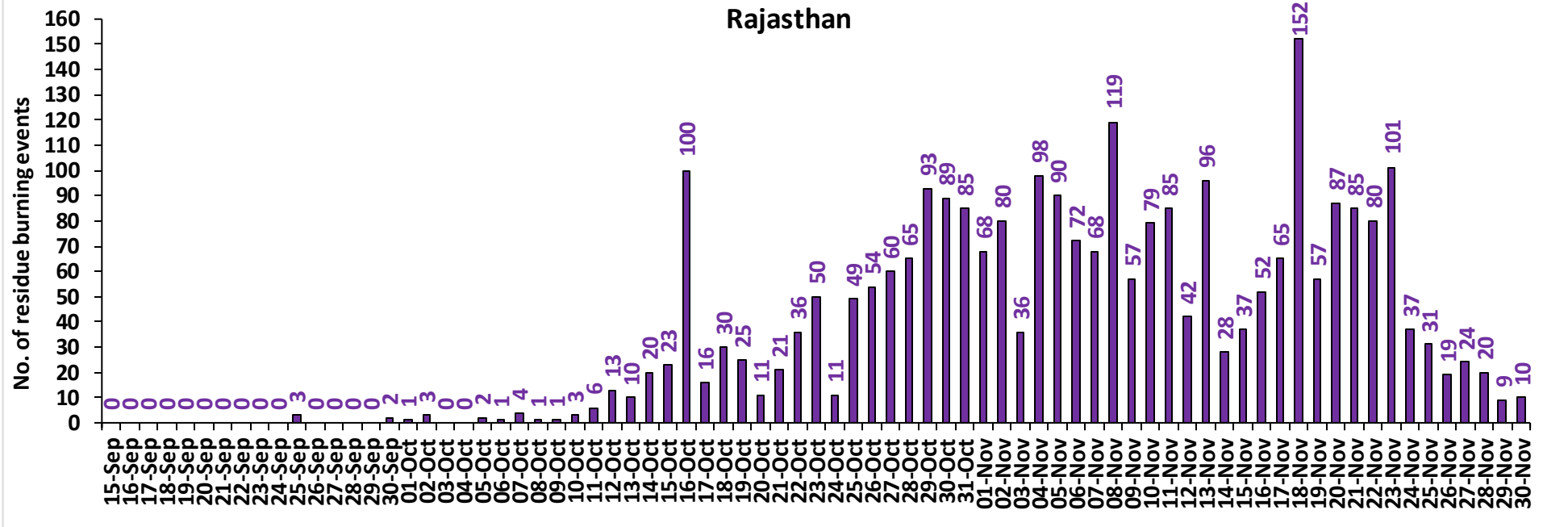


Haryana

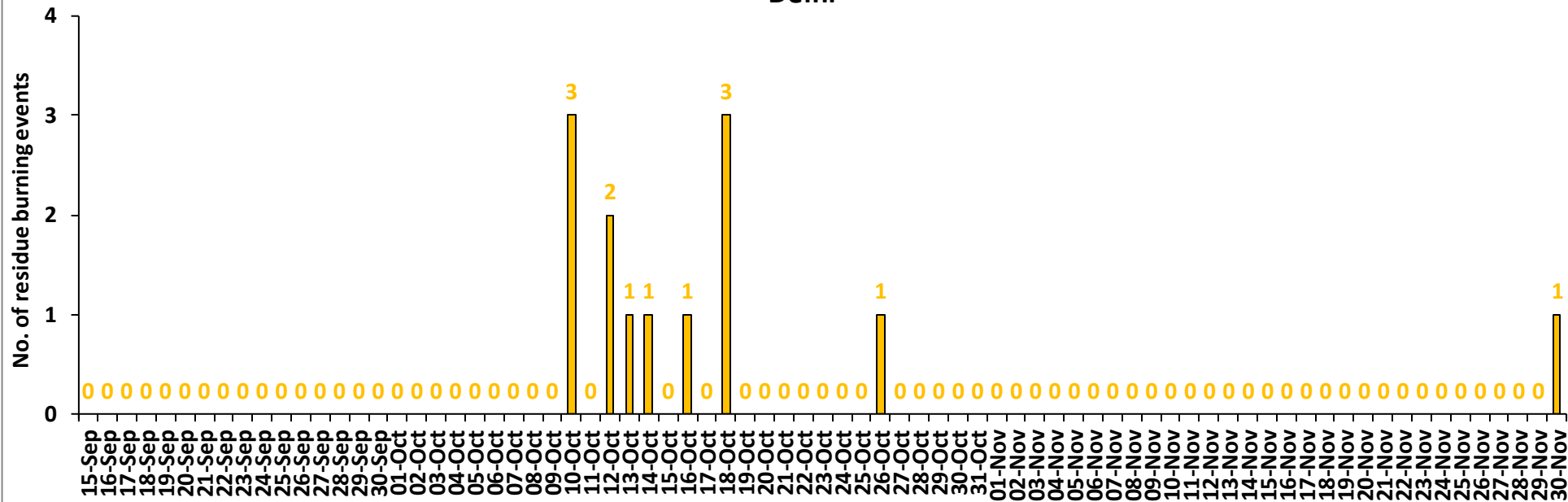


Uttar Pradesh

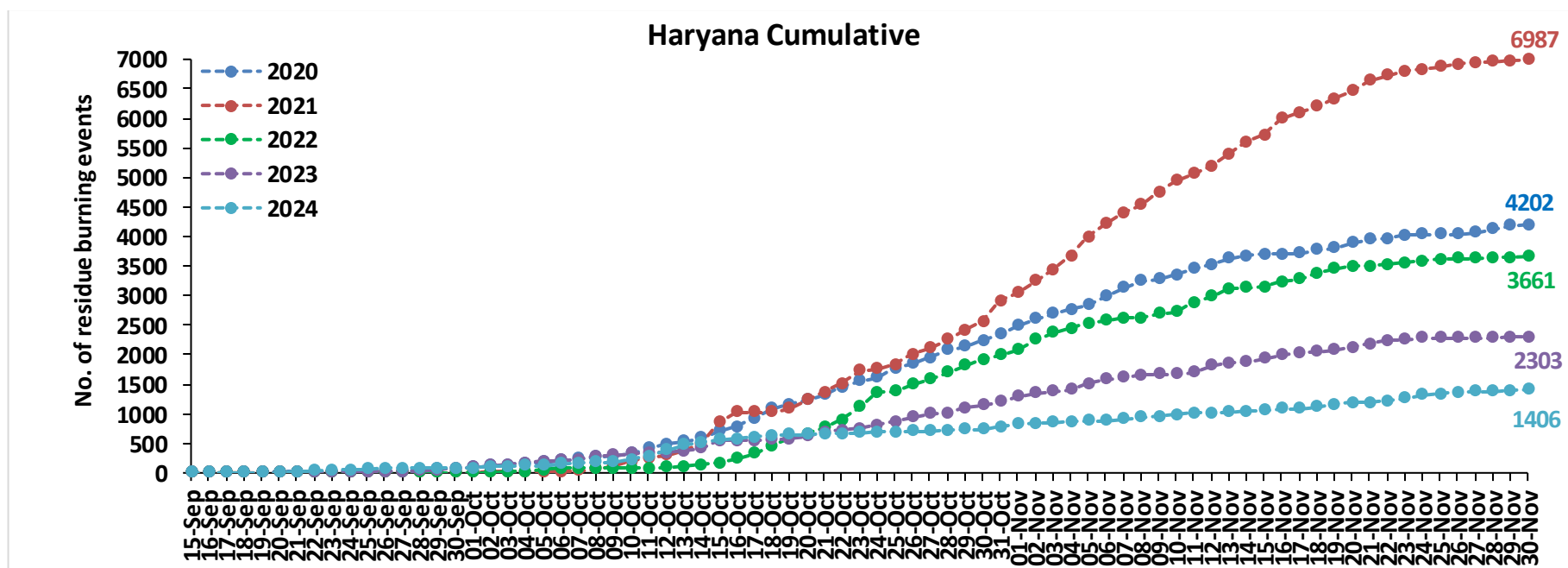
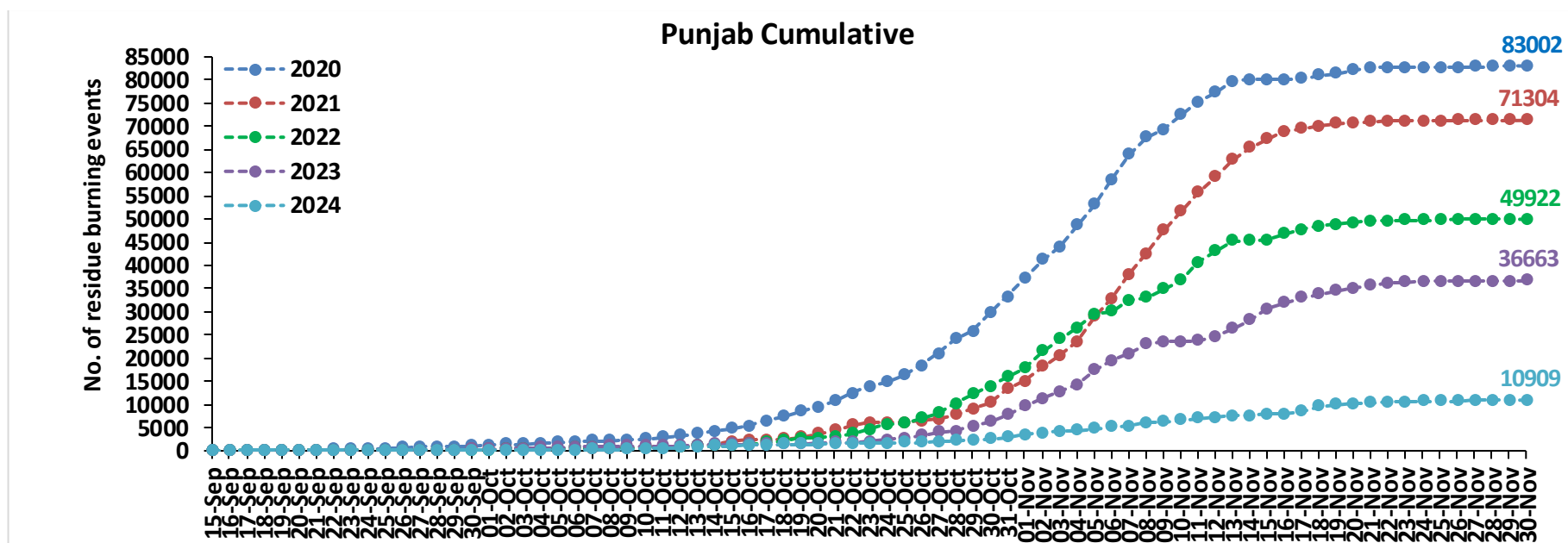




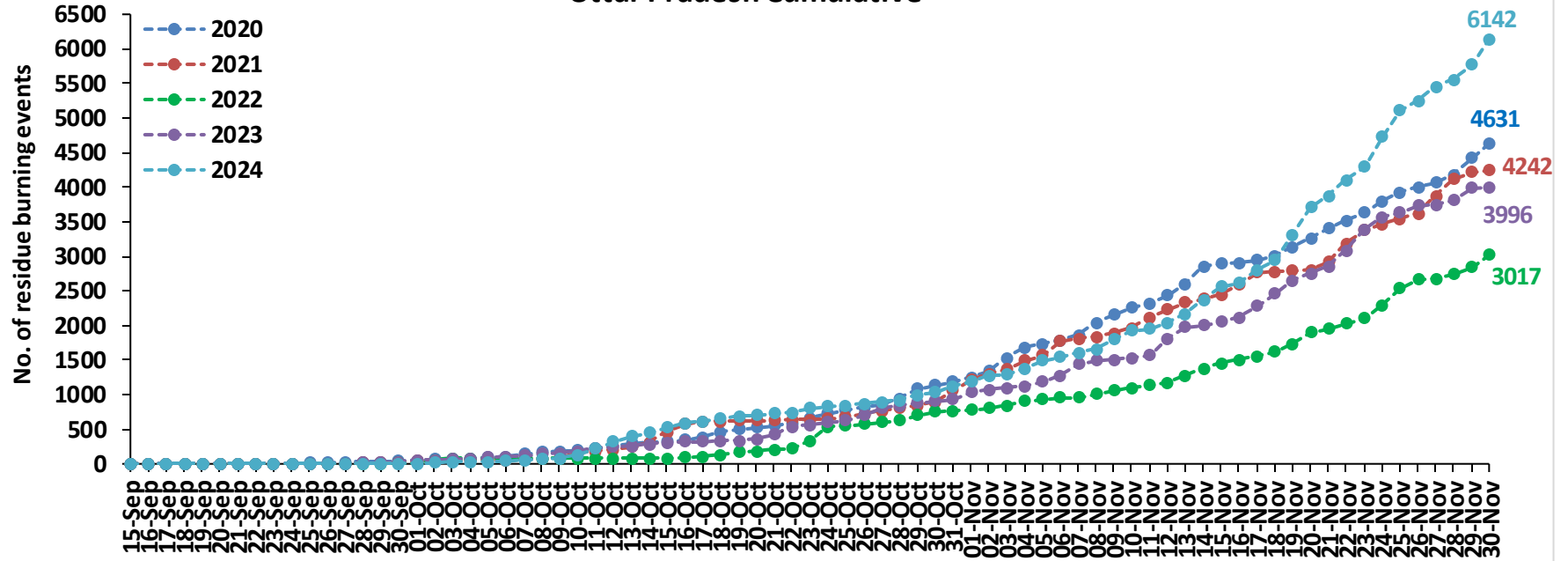
Delhi



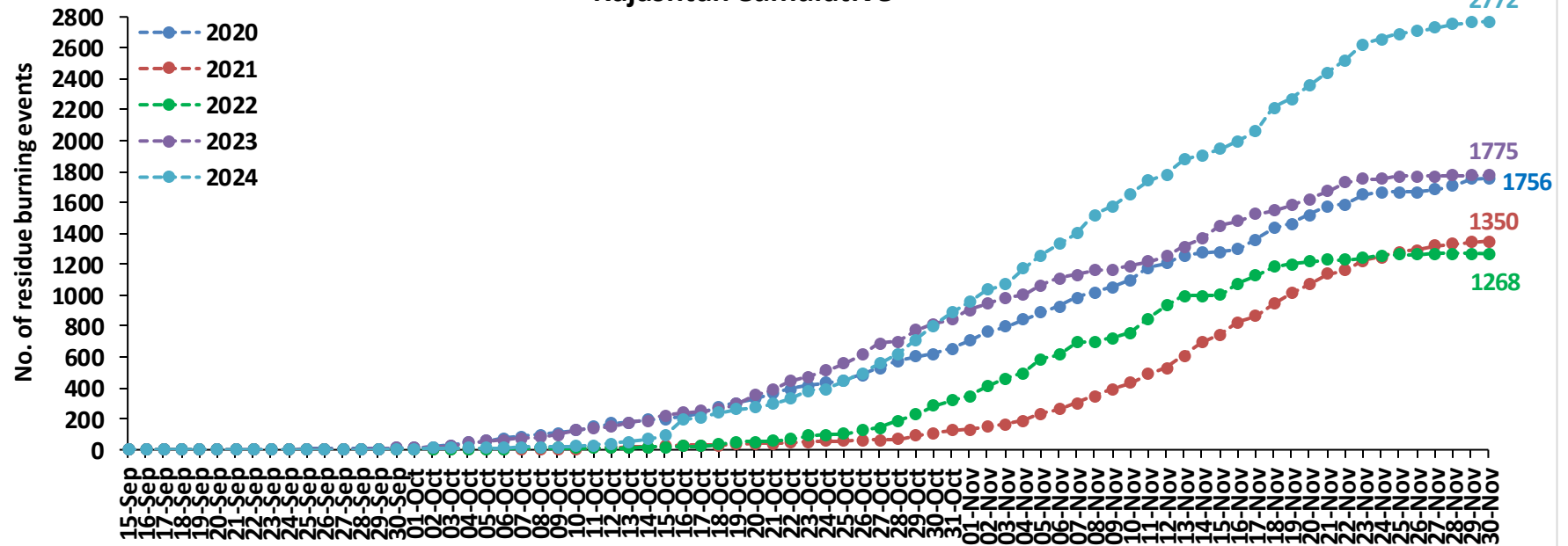
Comparison of residue burning events in current year (2024) with previous years (2020, 2021, 2022 and 2023) for the study States



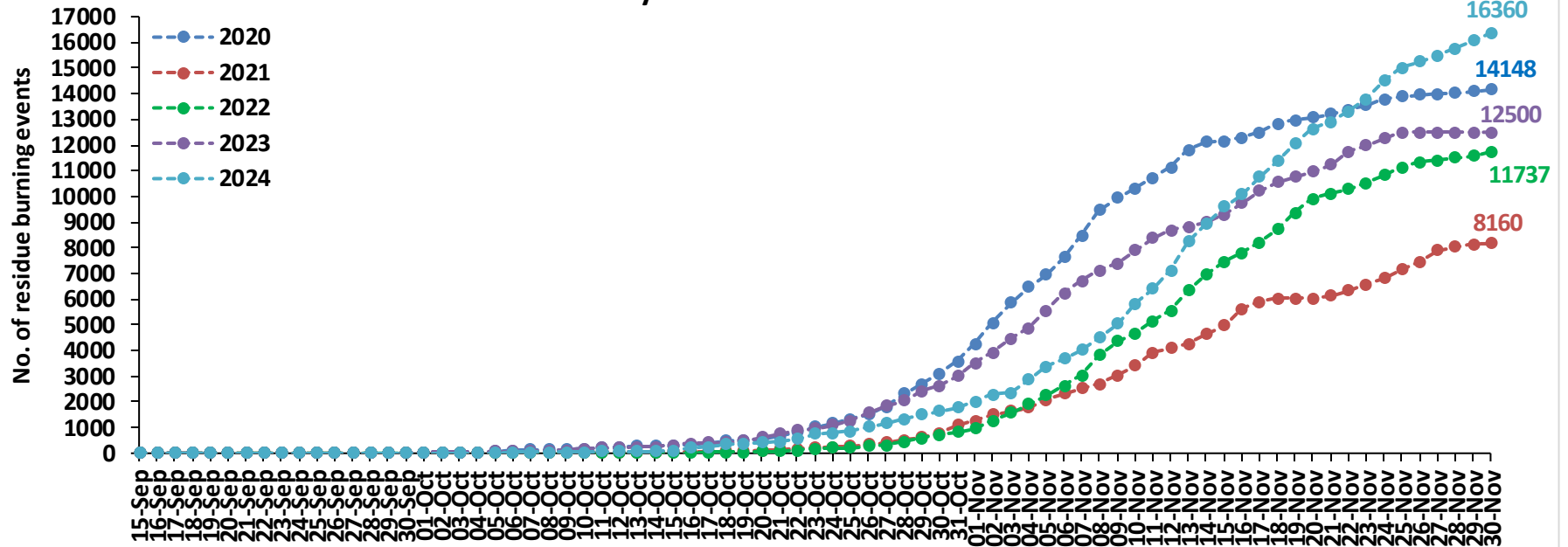
Uttar Pradesh Cumulative



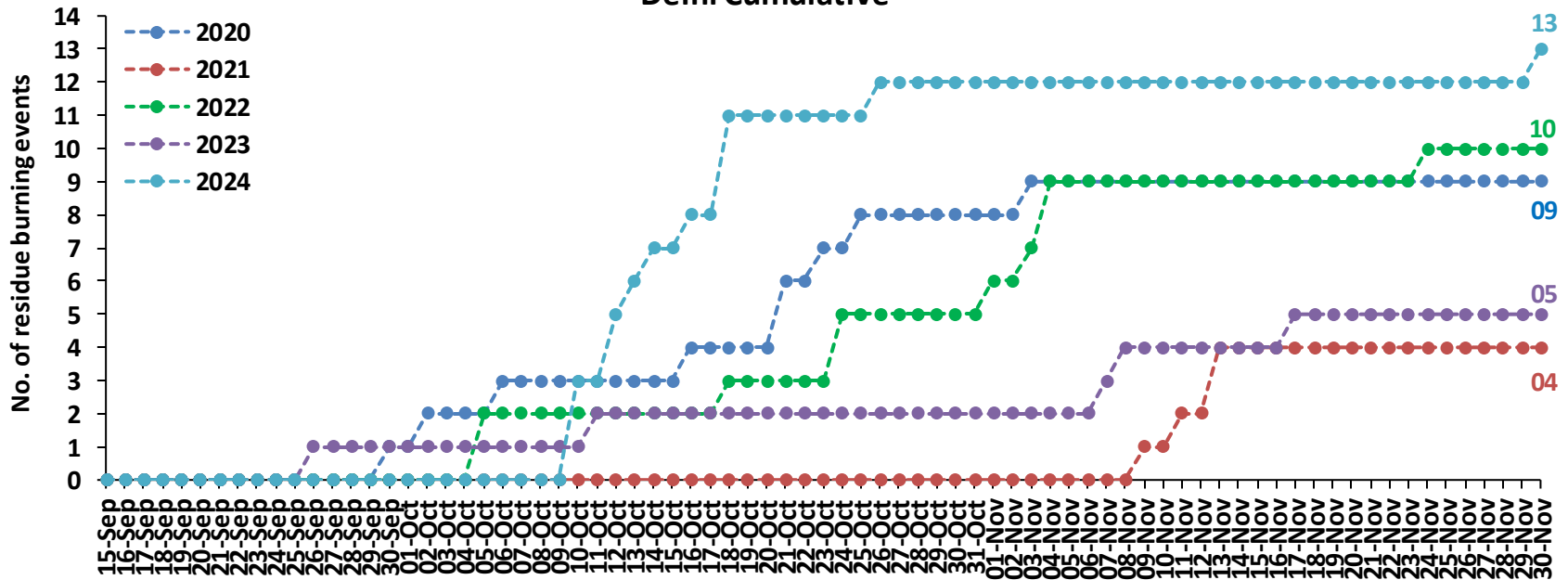
Rajasthan Cumulative



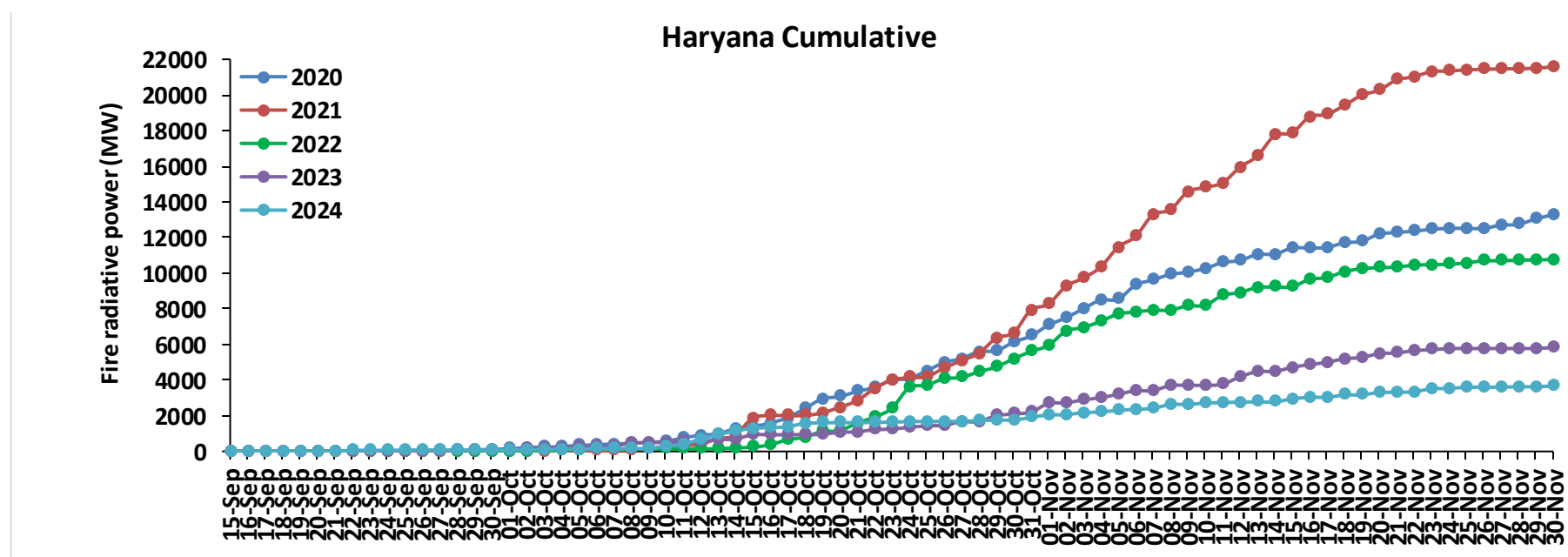
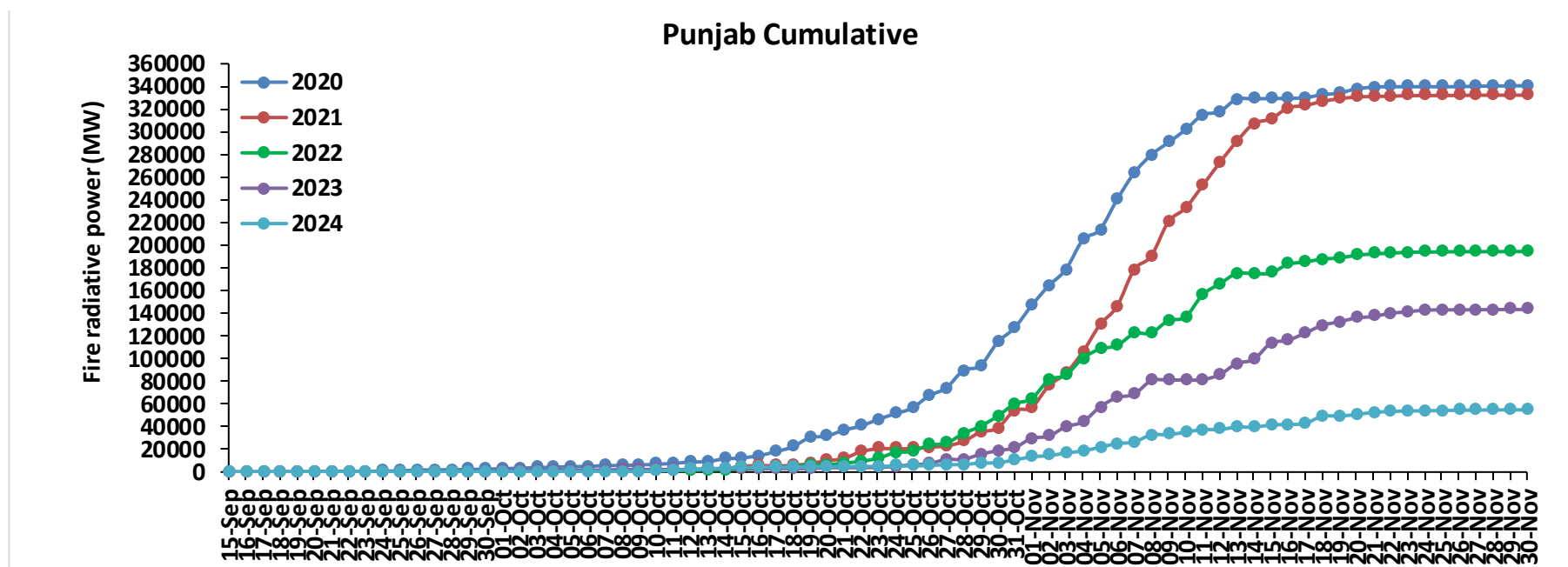
Madhya Pradesh Cumulative



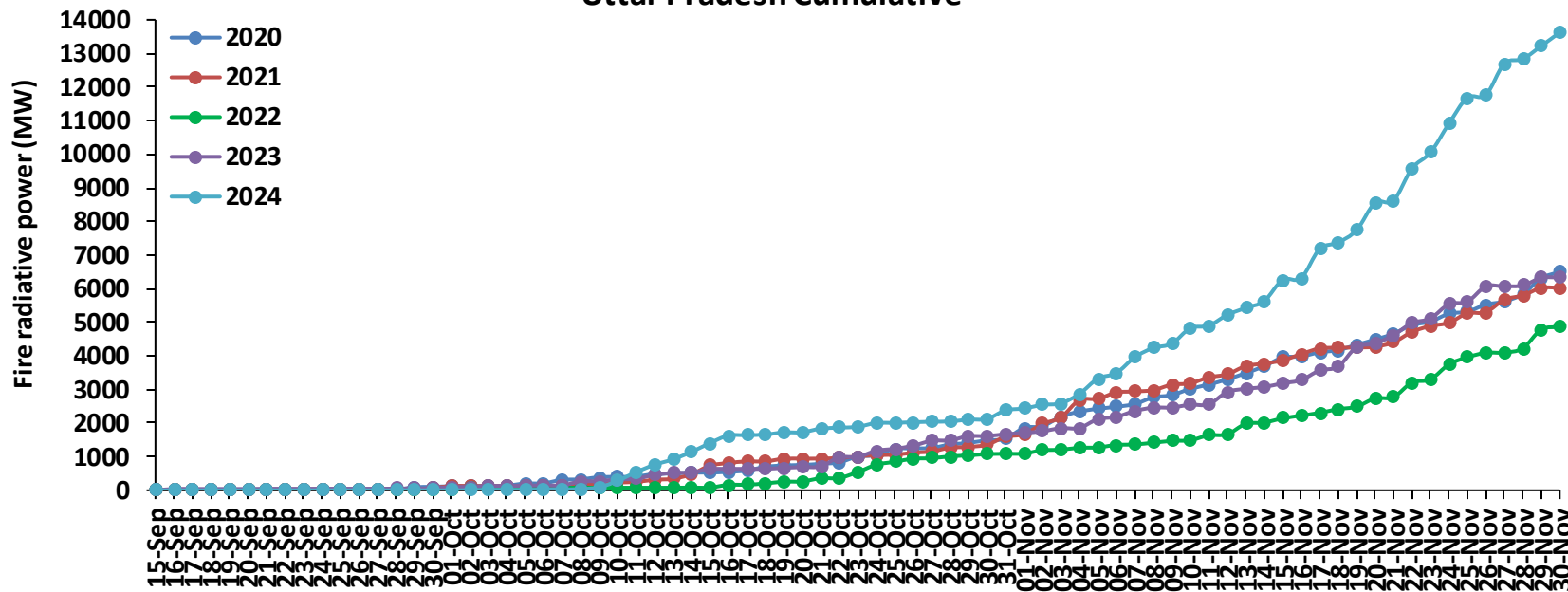
Delhi Cumulative



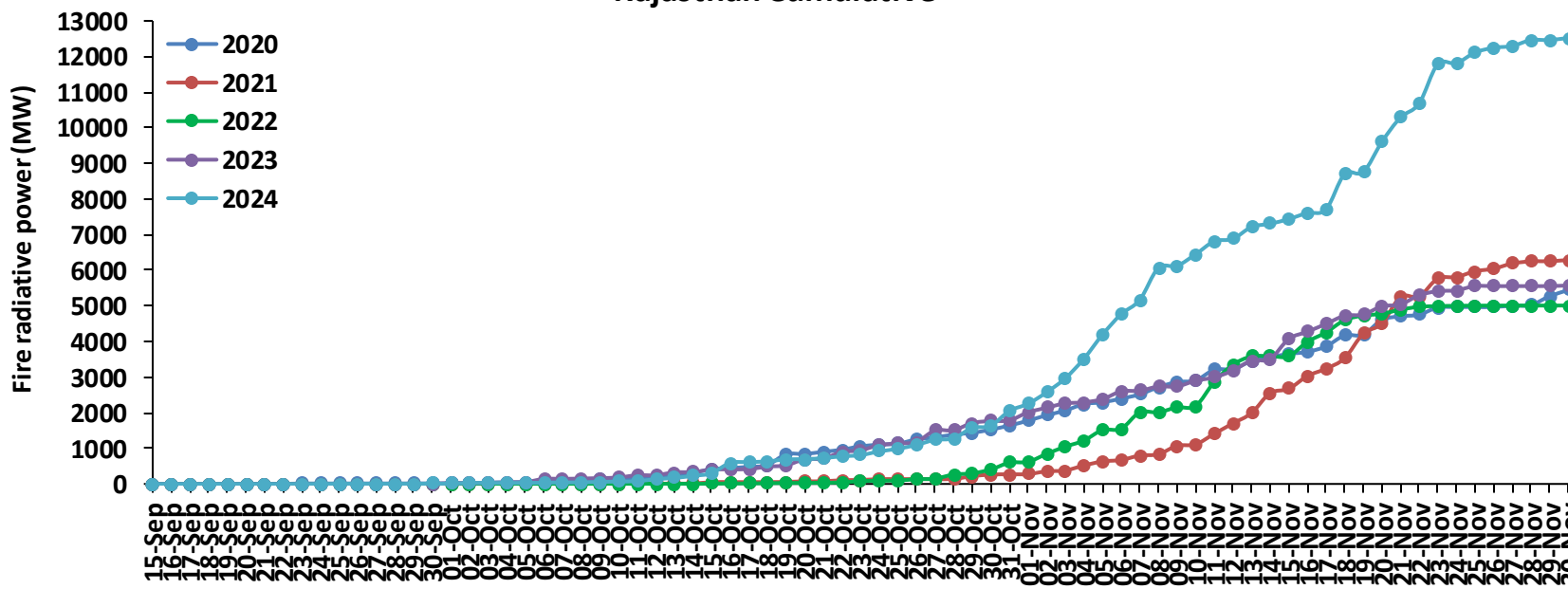
Comparison of residue burning fire power in current year (2024) with previous years (2020,2021,2022 and 2023) for the study States



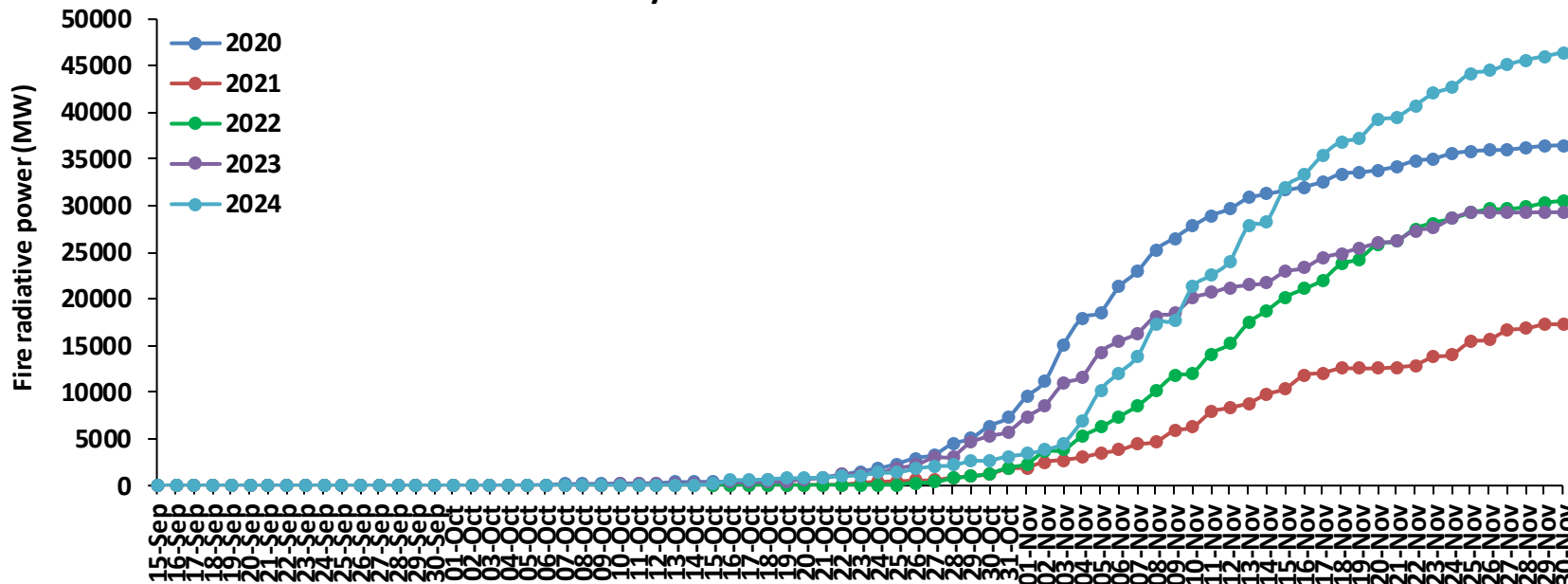
Uttar Pradesh Cumulative



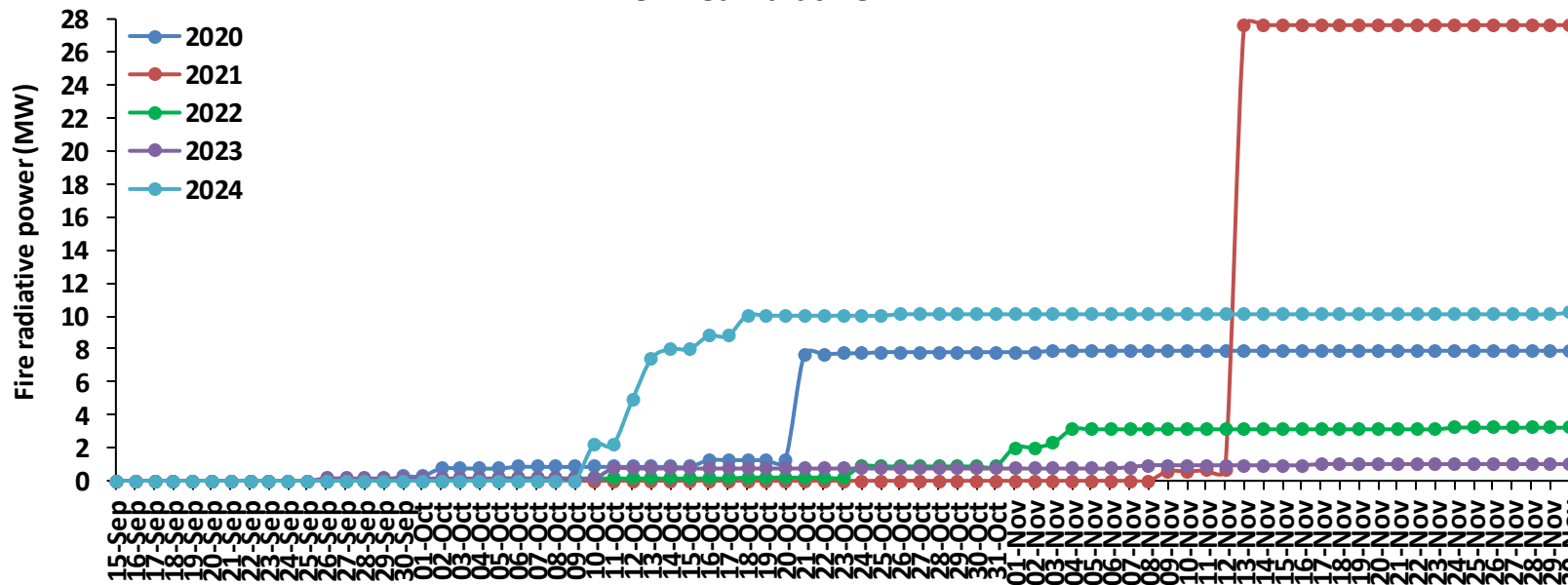
Rajasthan Cumulative



Madhya Pradesh Cumulative

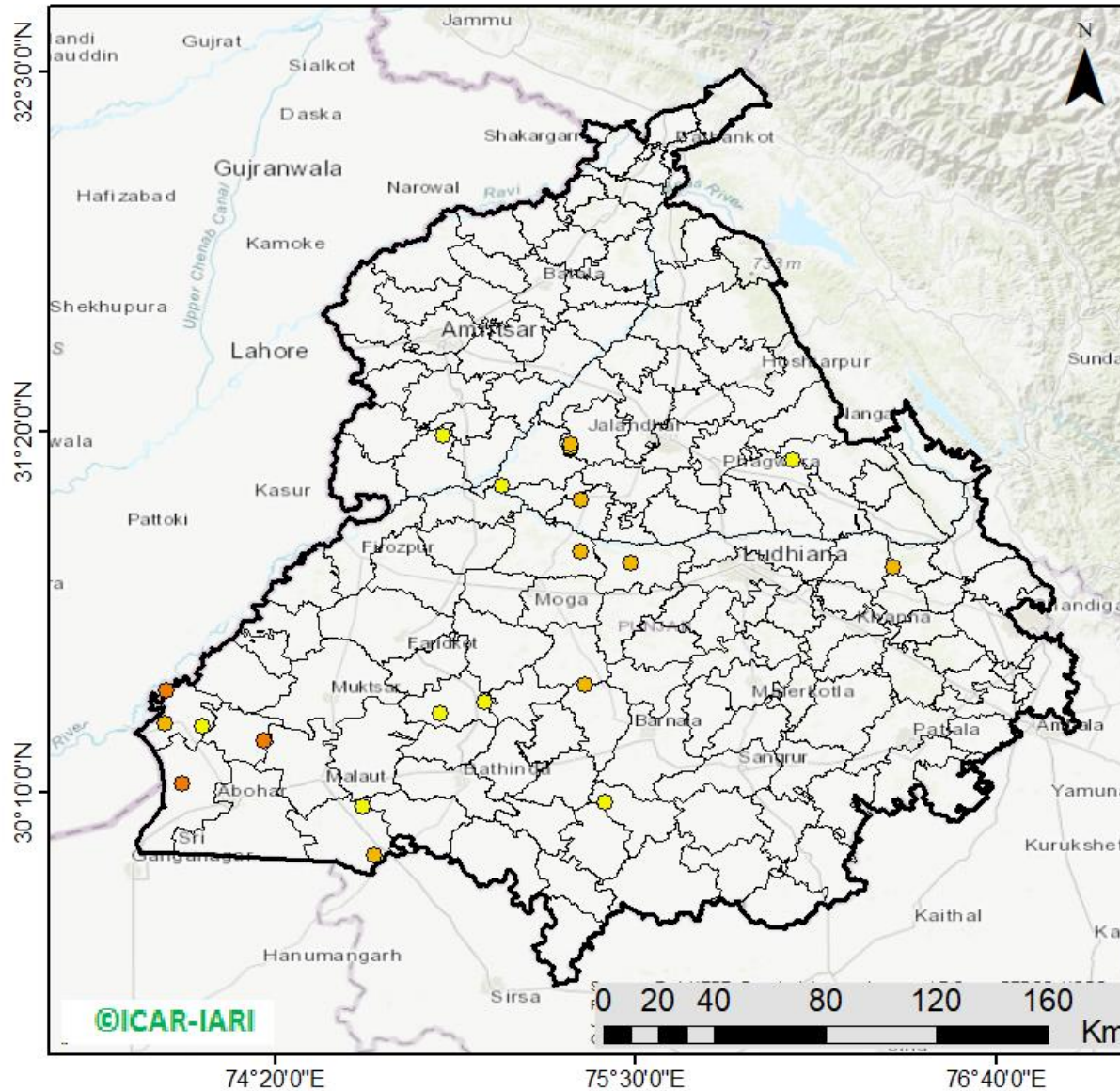


Delhi Cumulative



Punjab

RICE RESIDUE BURNING IN PUNJAB



22 burning events detected in Punjab during (30th Nov 2024)

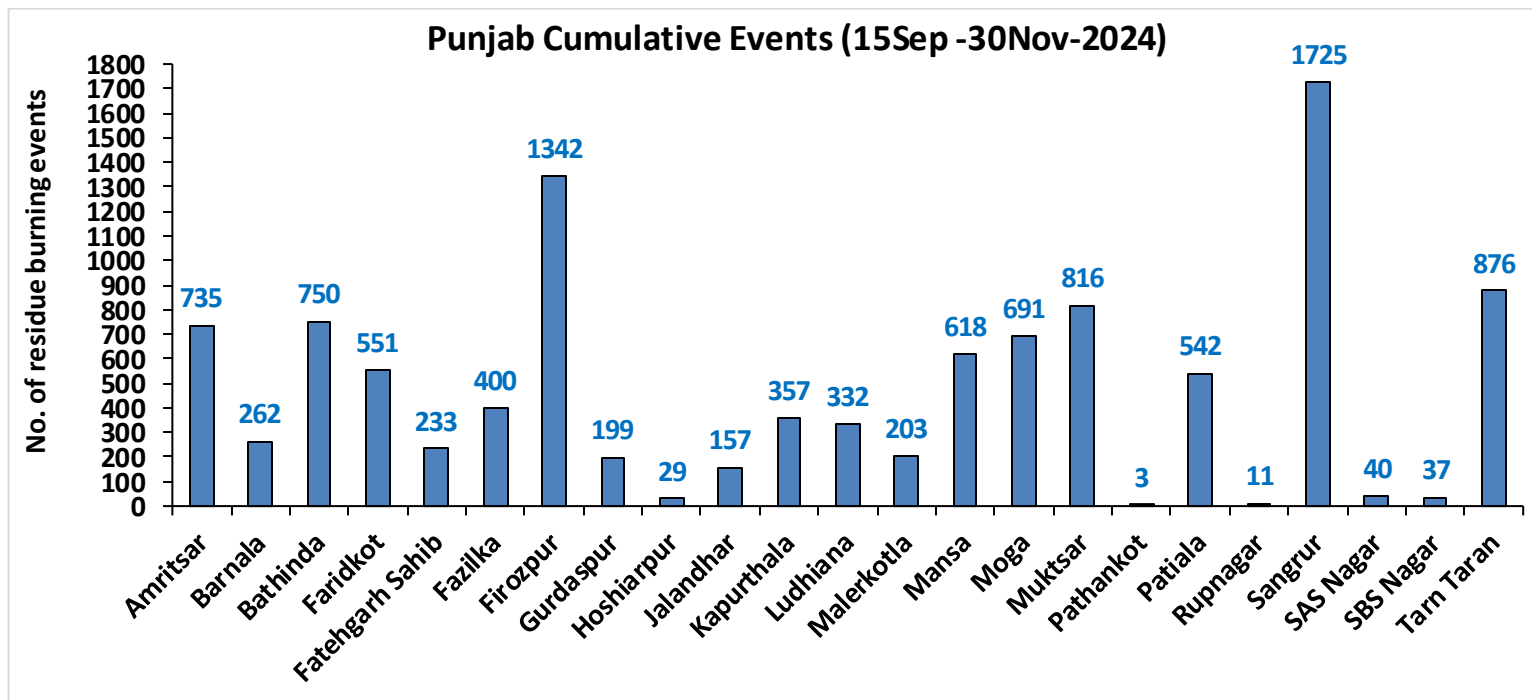
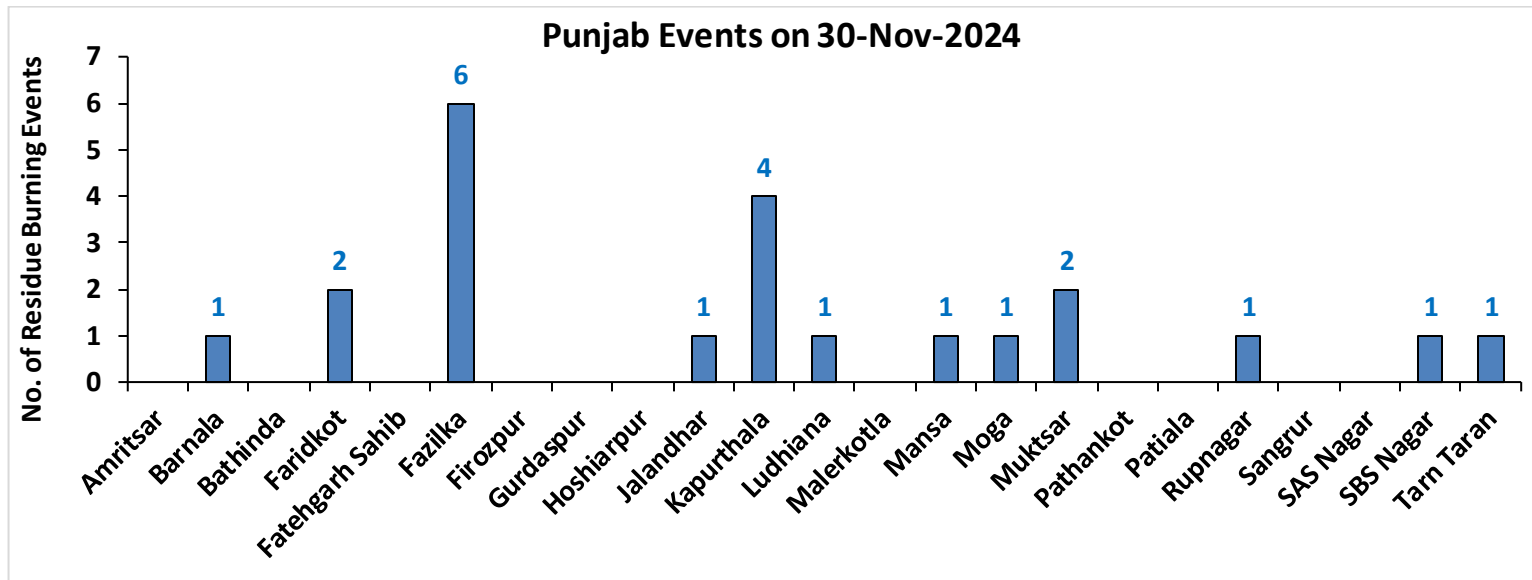
Fire Intensity (W/m²)

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



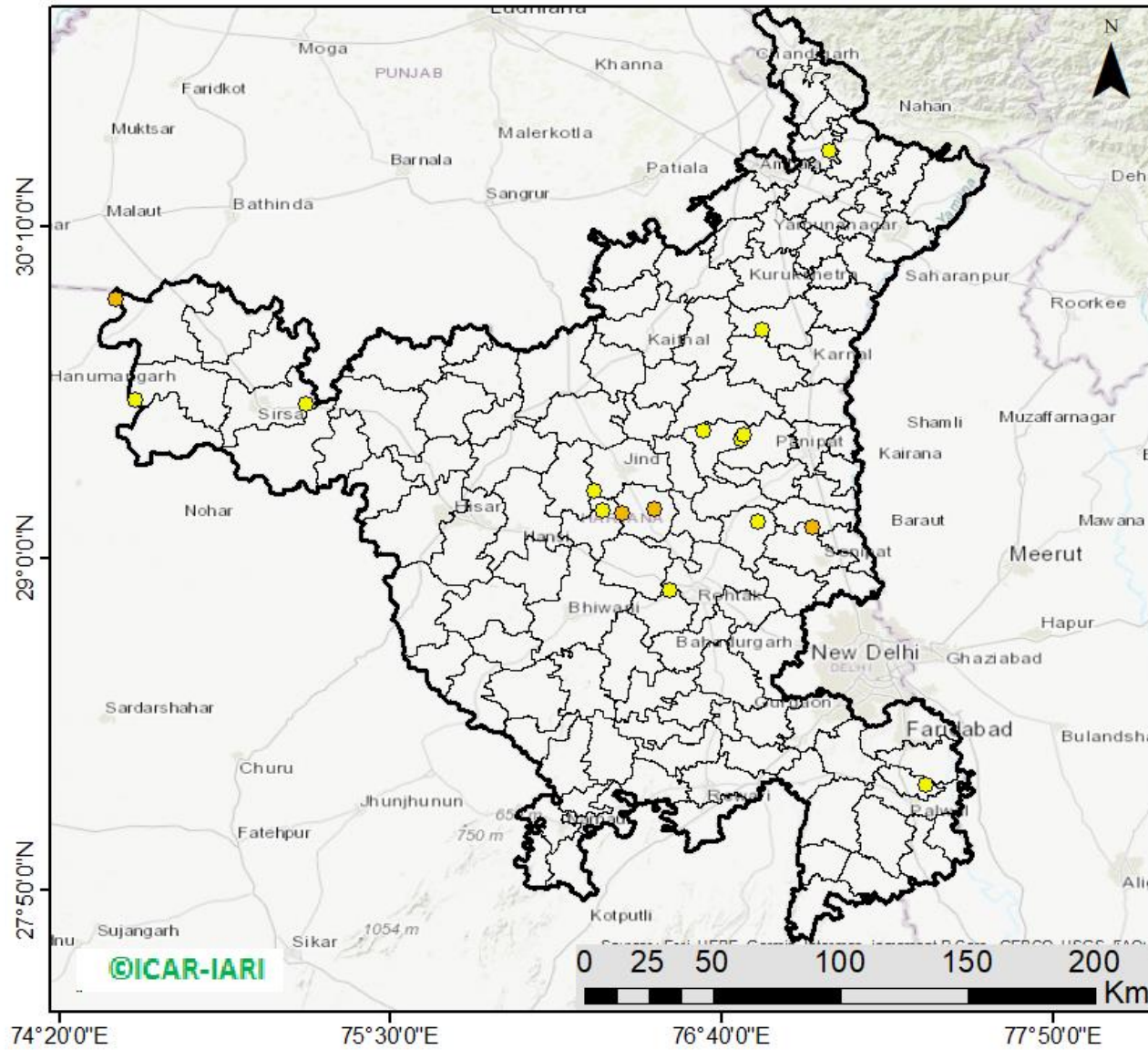
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Punjab (15Sep-30Nov-2024)



Haryana

RICE RESIDUE BURNING IN HARYANA



17 burning events detected in Haryana on (30th Nov 2024)

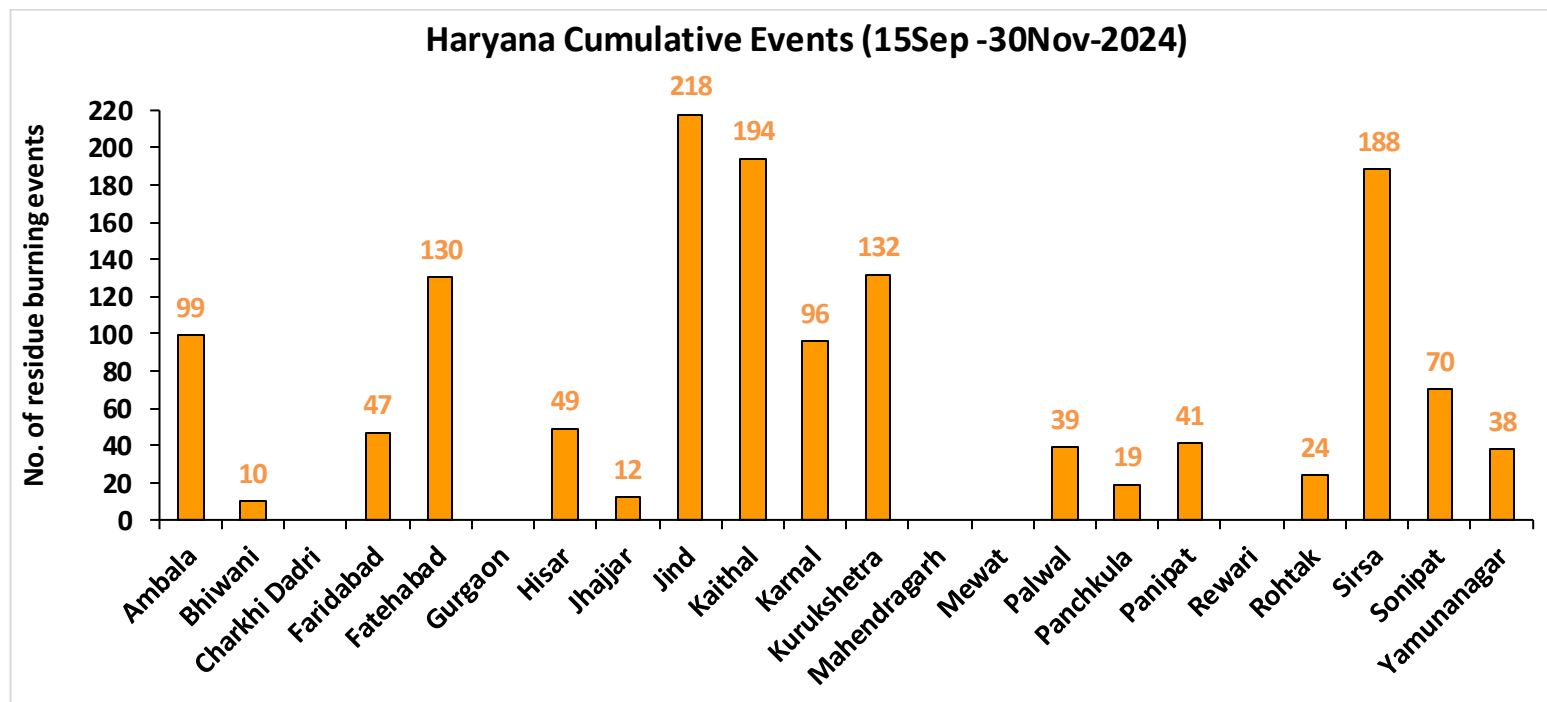
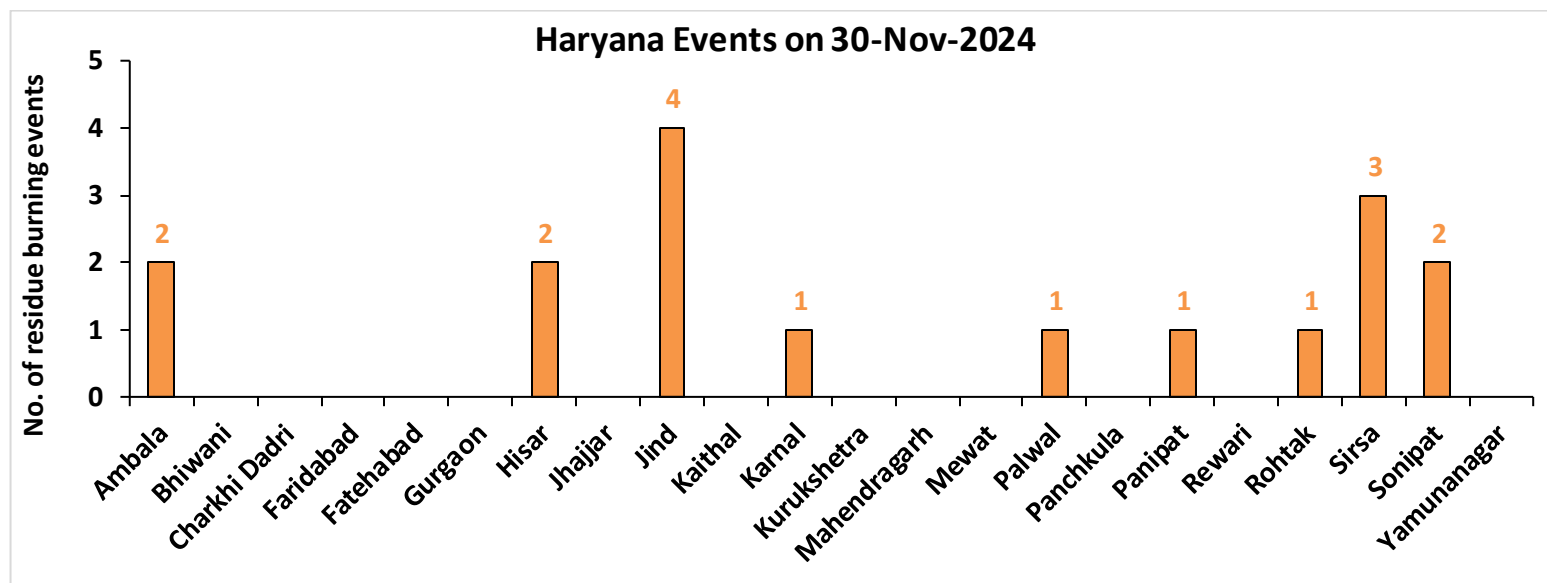
Fire Intensity (W/m²)

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



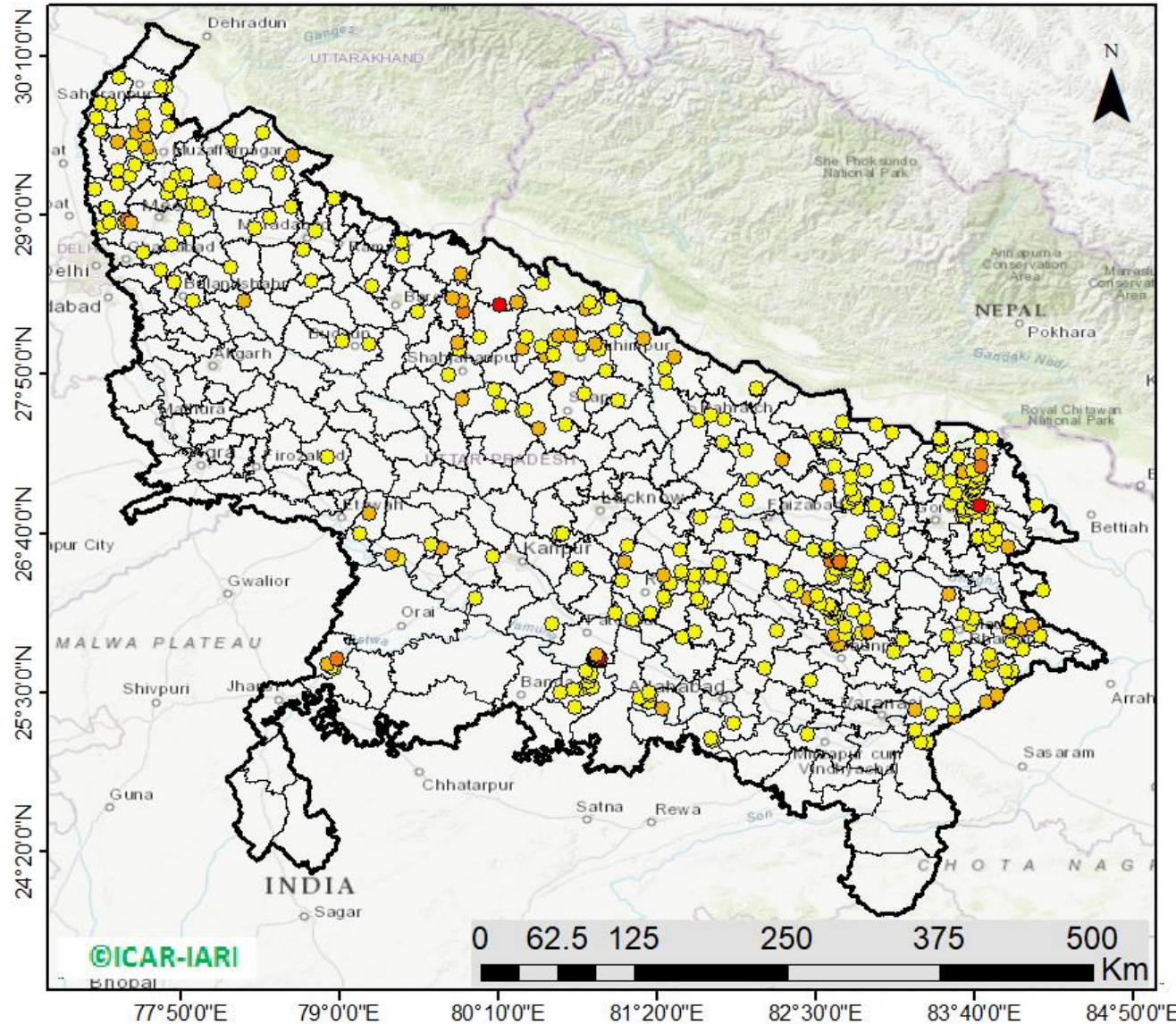
http://103.111.37.126/icar_geportal/

District-wise cumulative number of residues burning events in Haryana (15Sep-30Nov-2024)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



373 burning events detected in Uttar Pradesh on (30th Nov 2024)

Fire Intensity (W/m²)

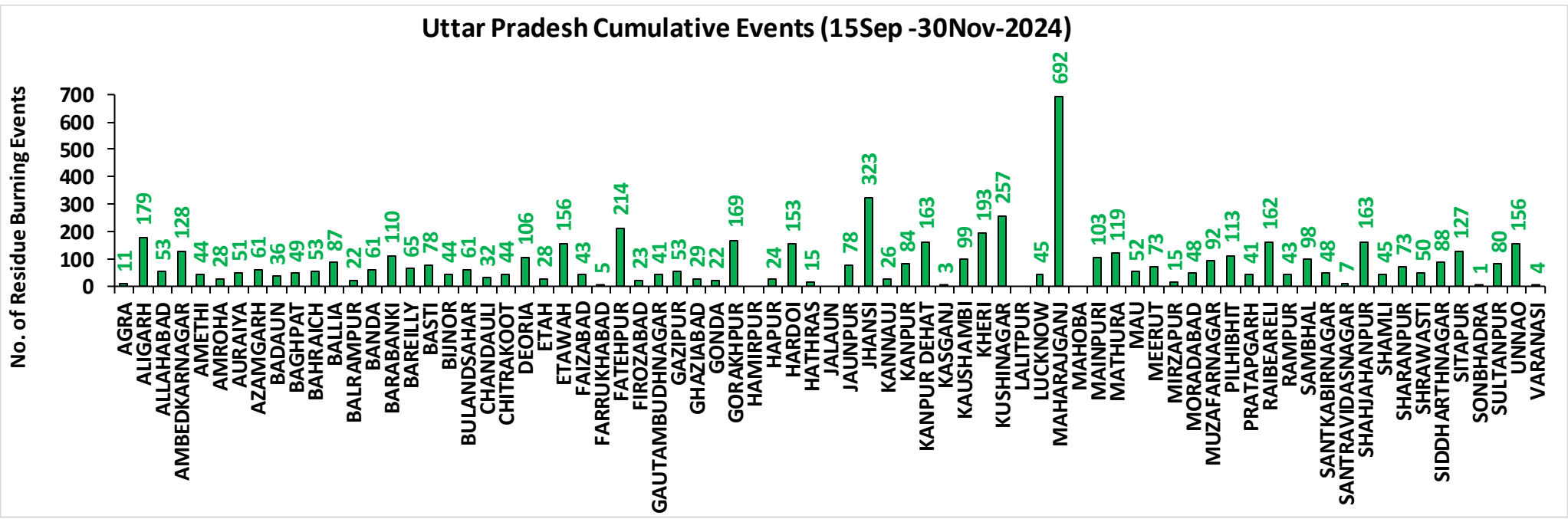
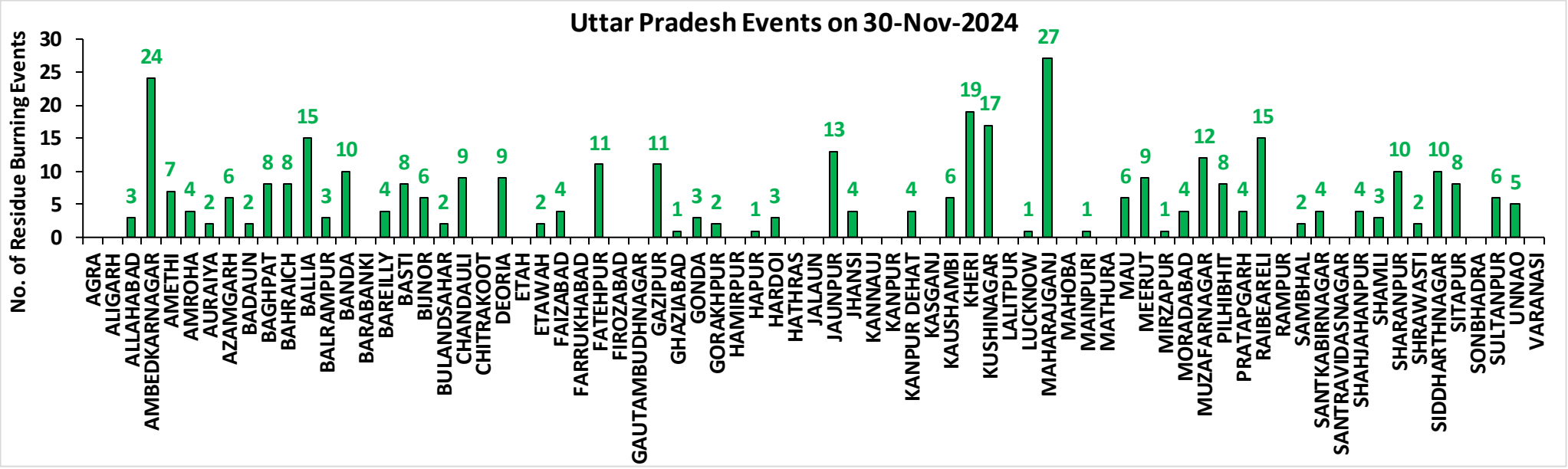
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

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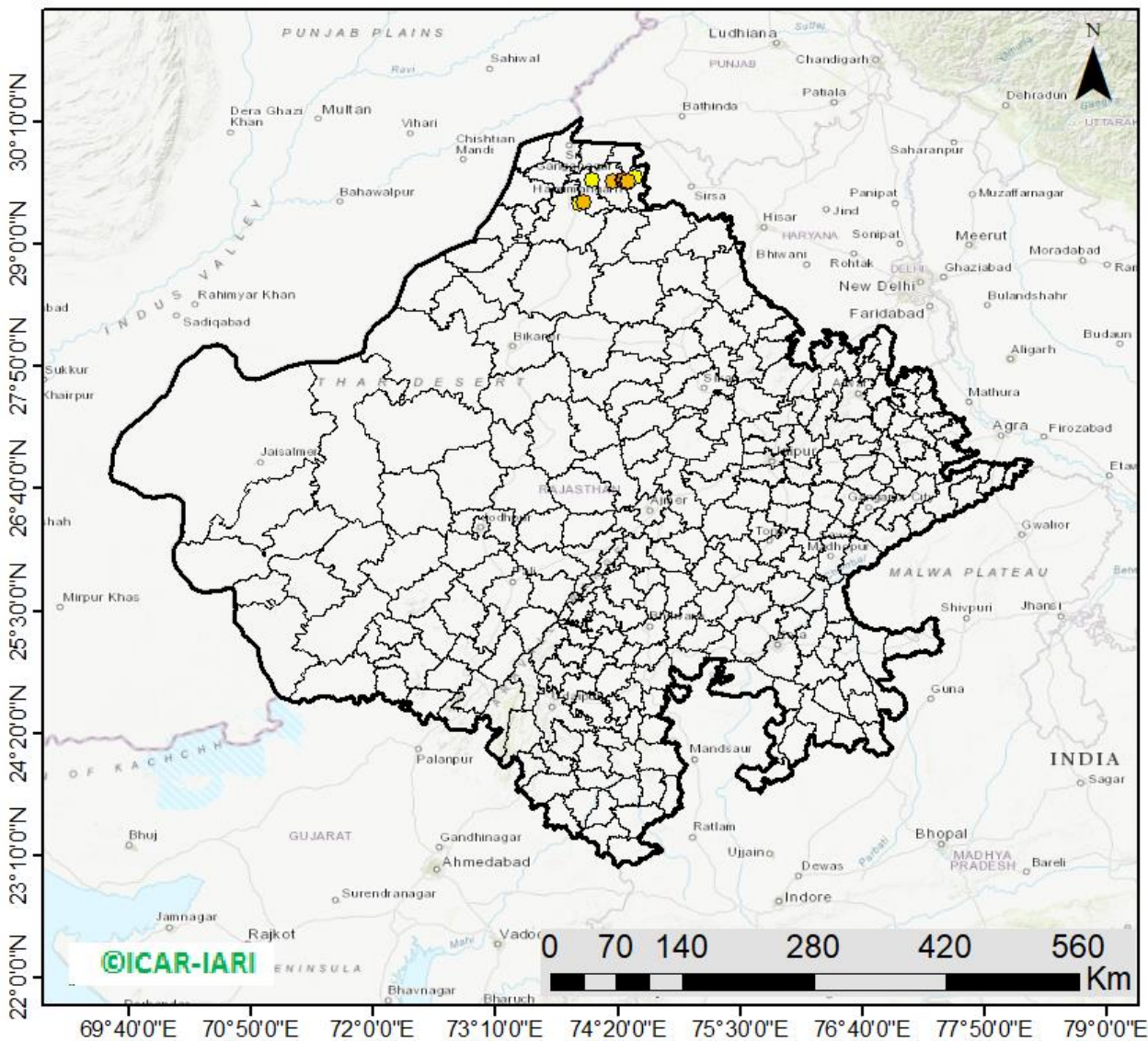
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-30Nov-2024)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



10 burning events
detected in Rajasthan on
(30th Nov 2024)

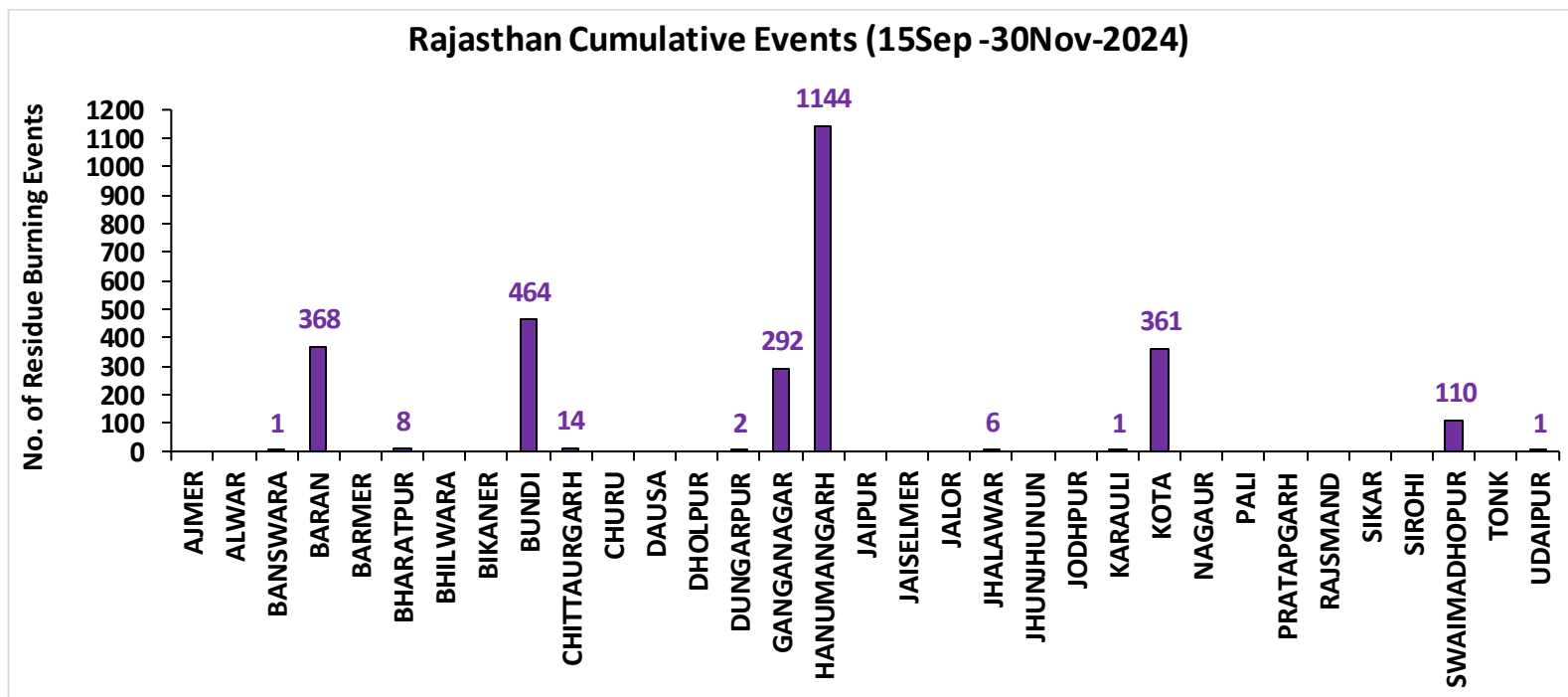
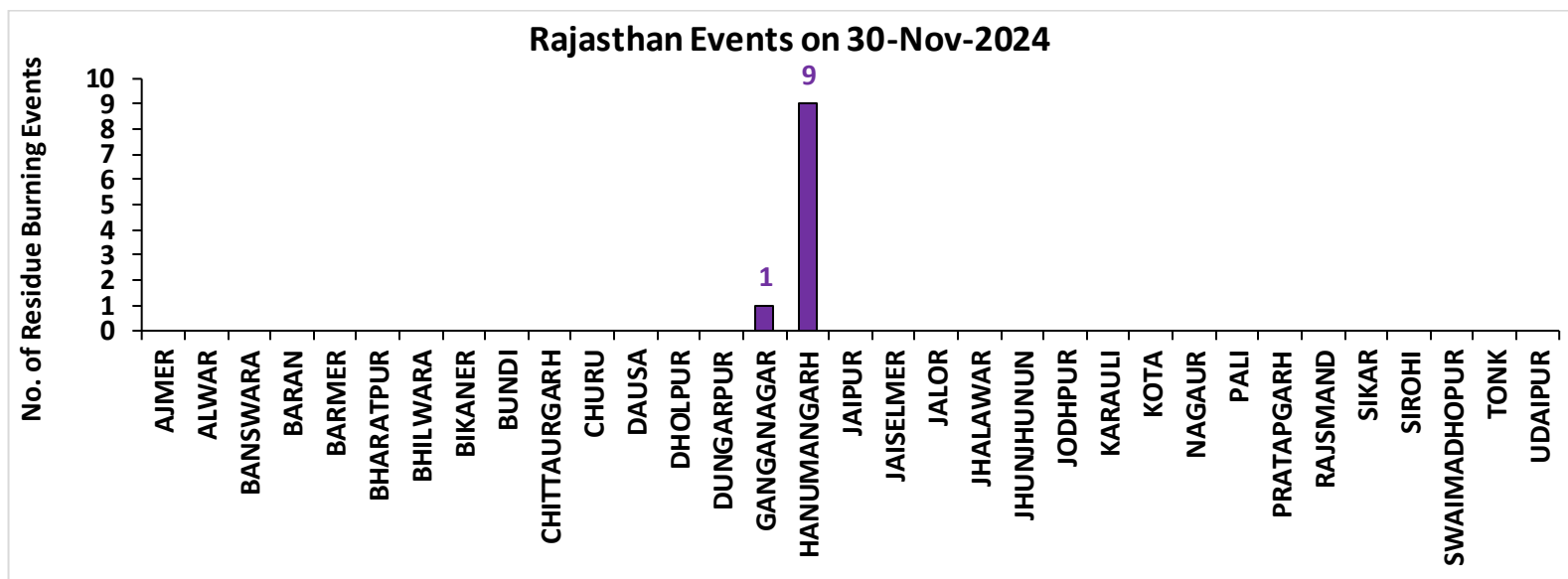
Fire Intensity (W/m²)

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



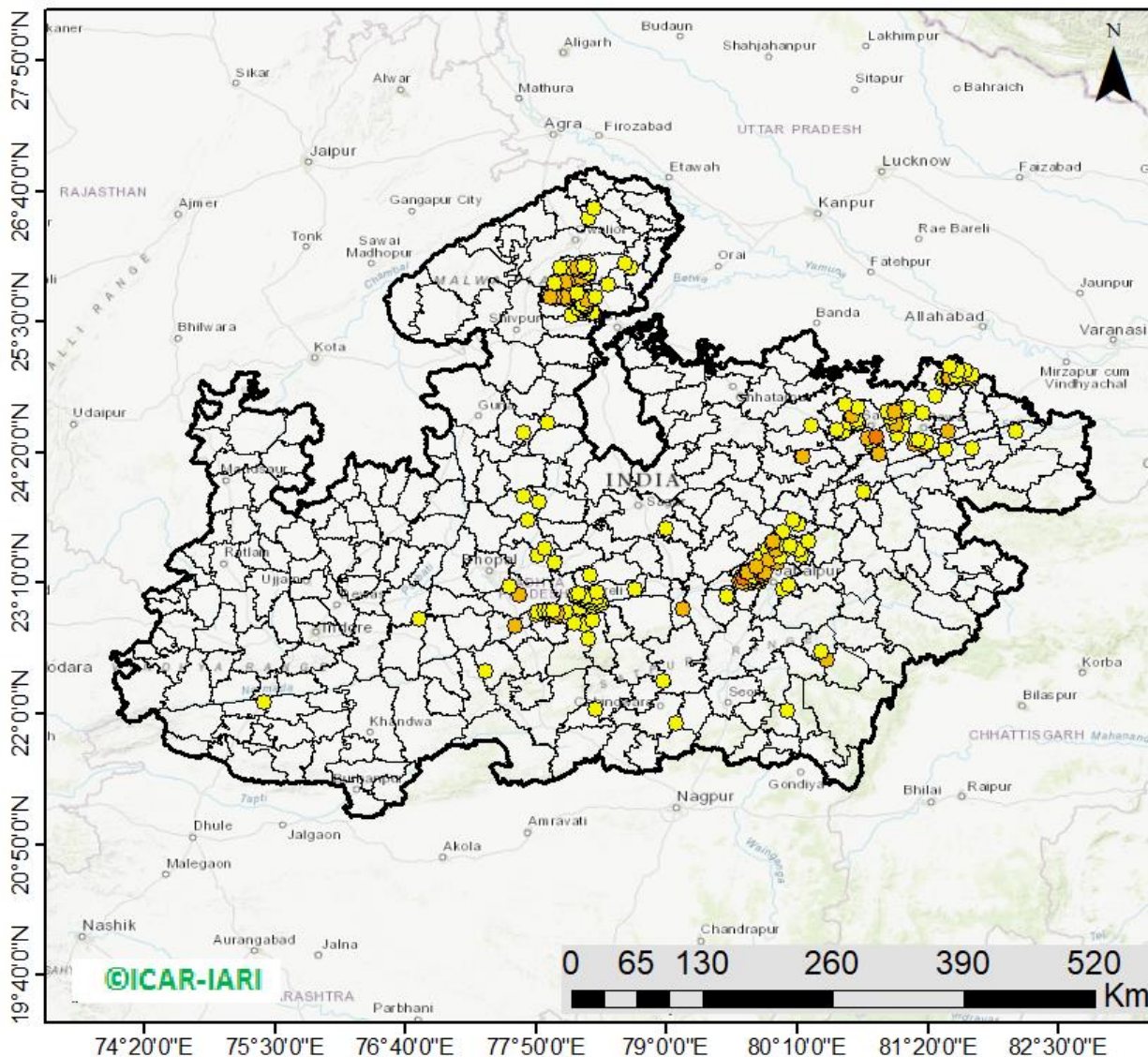
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Rajasthan (15Sep-30Nov-2024)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



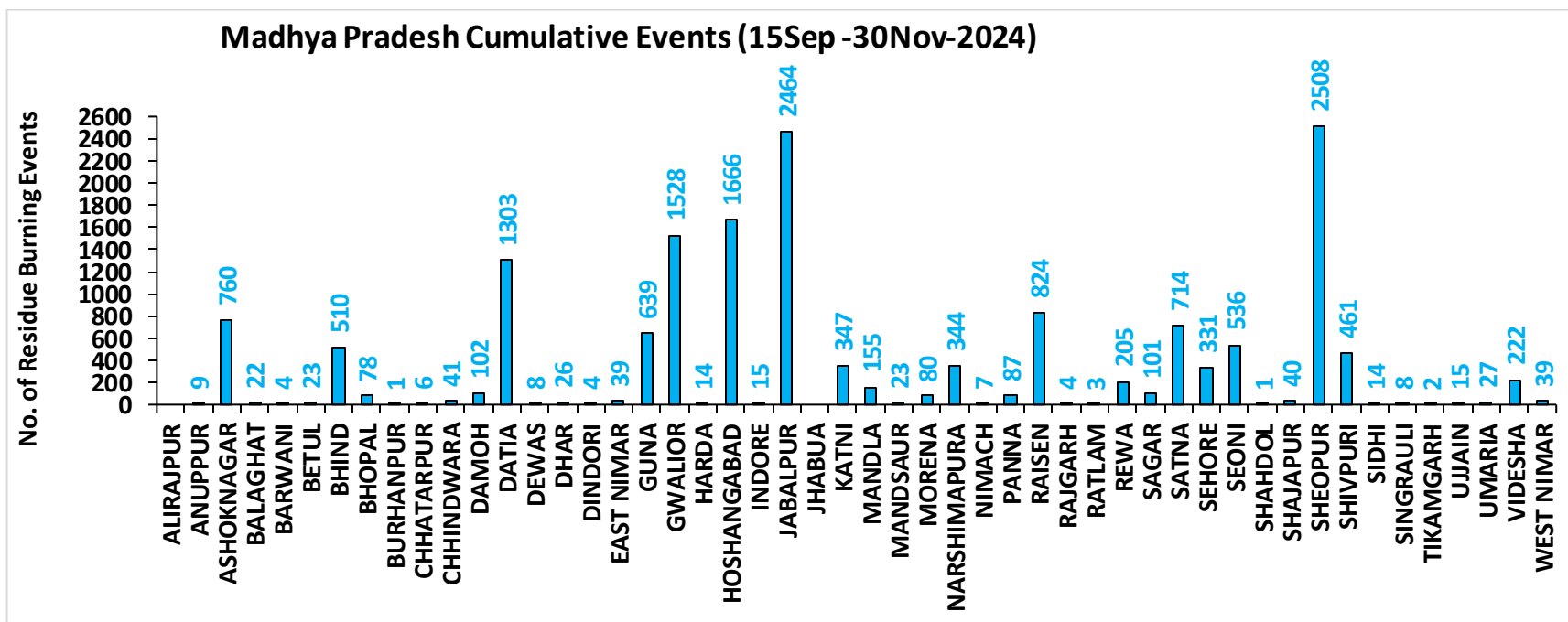
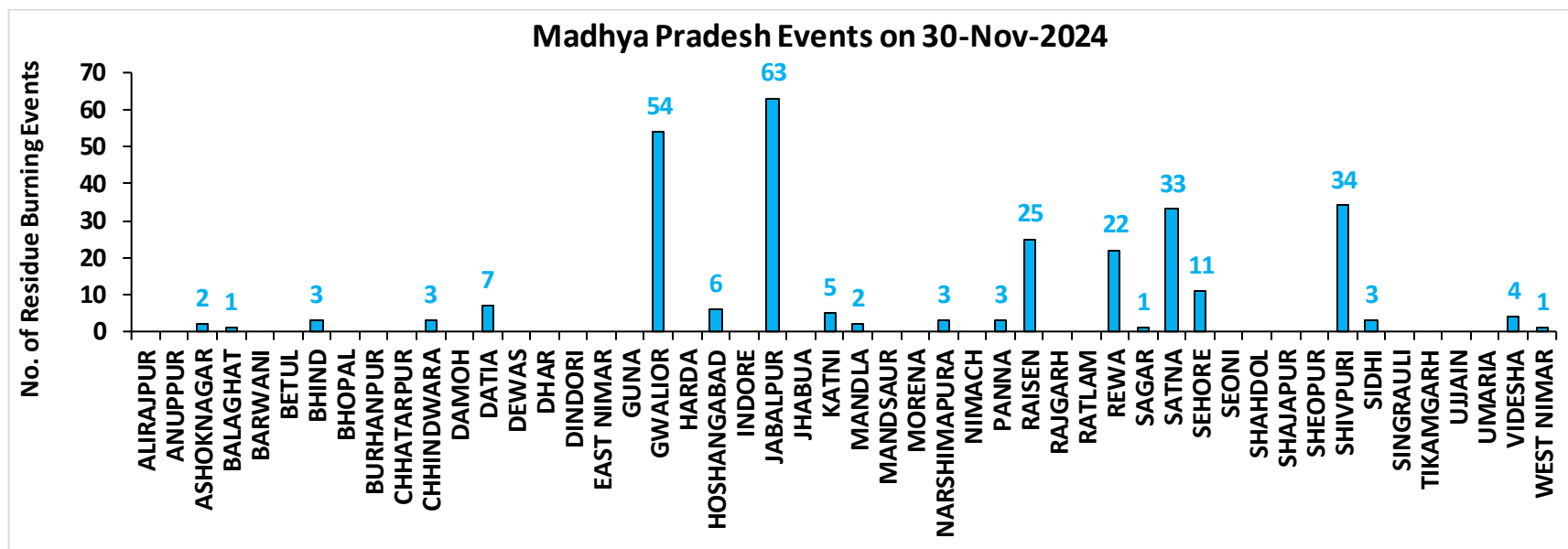
286 burning events
detected in MP on
(30th Nov 2024)

Fire Intensity (W/m²)



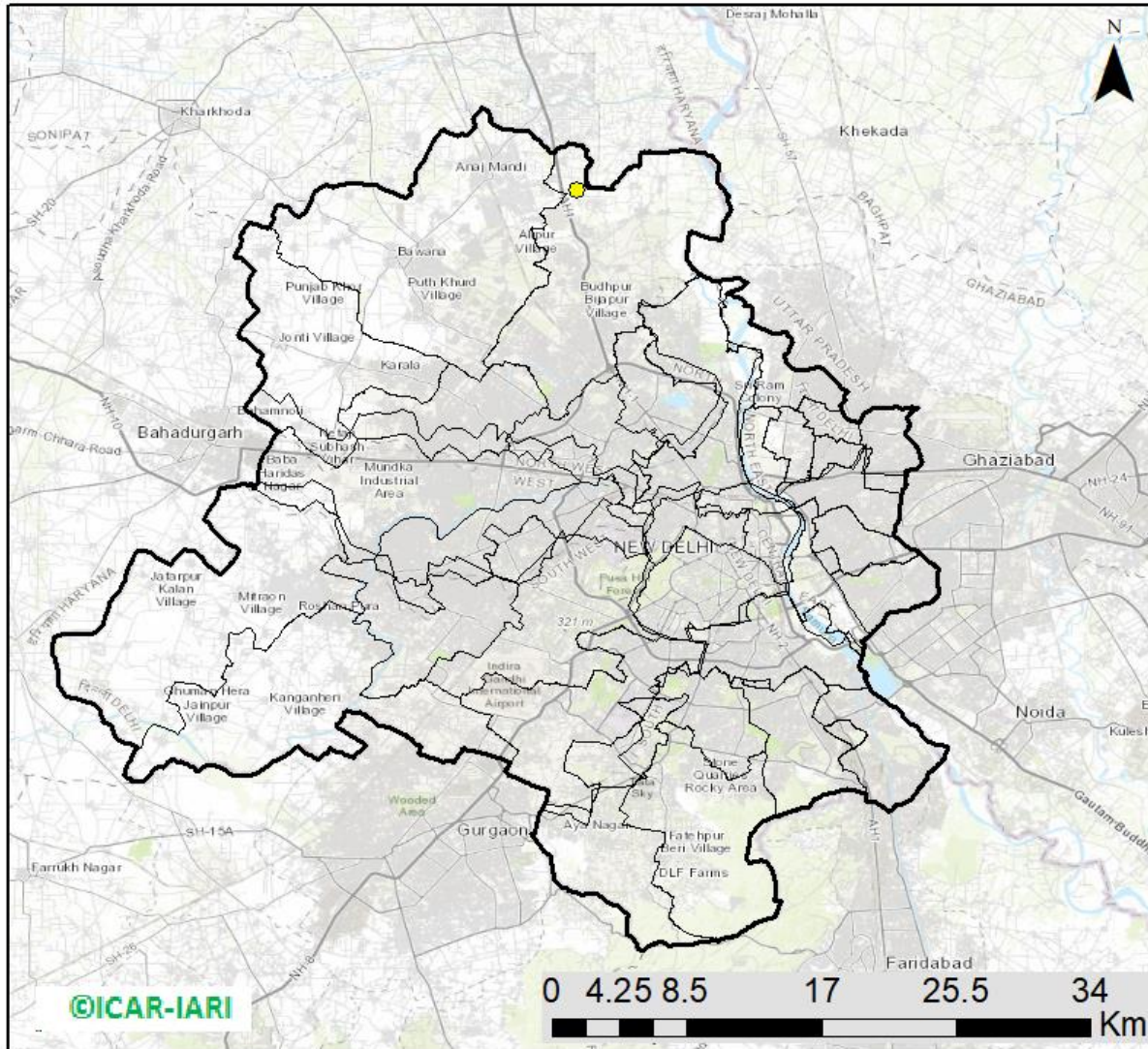
http://103.111.37.126/icar_geportal/

District-wise cumulative number of residues burning events in Madhya Pradesh (15Sep-30Nov-2024)



Delhi

RICE RESIDUE BURNING IN DELHI



01 burning events
detected in Delhi on
(30th Nov 2024)

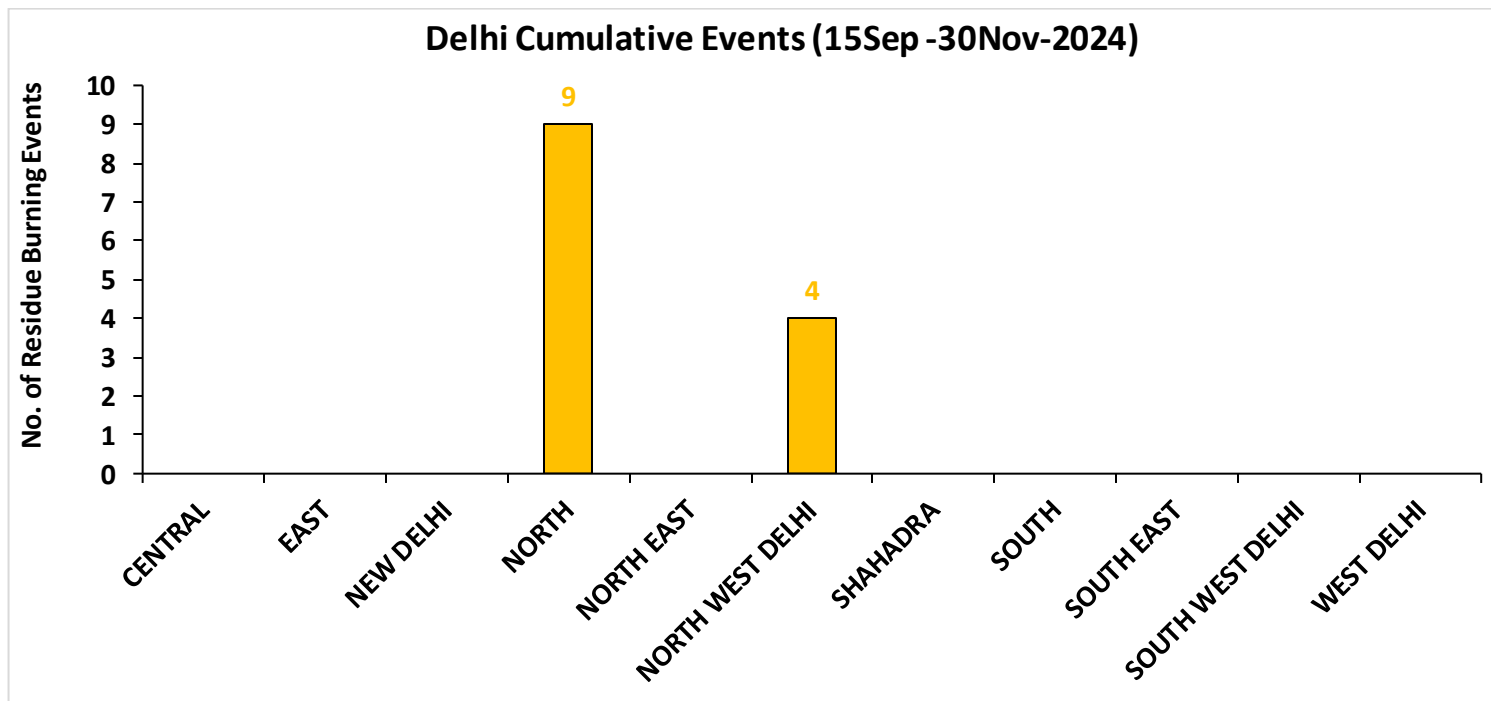
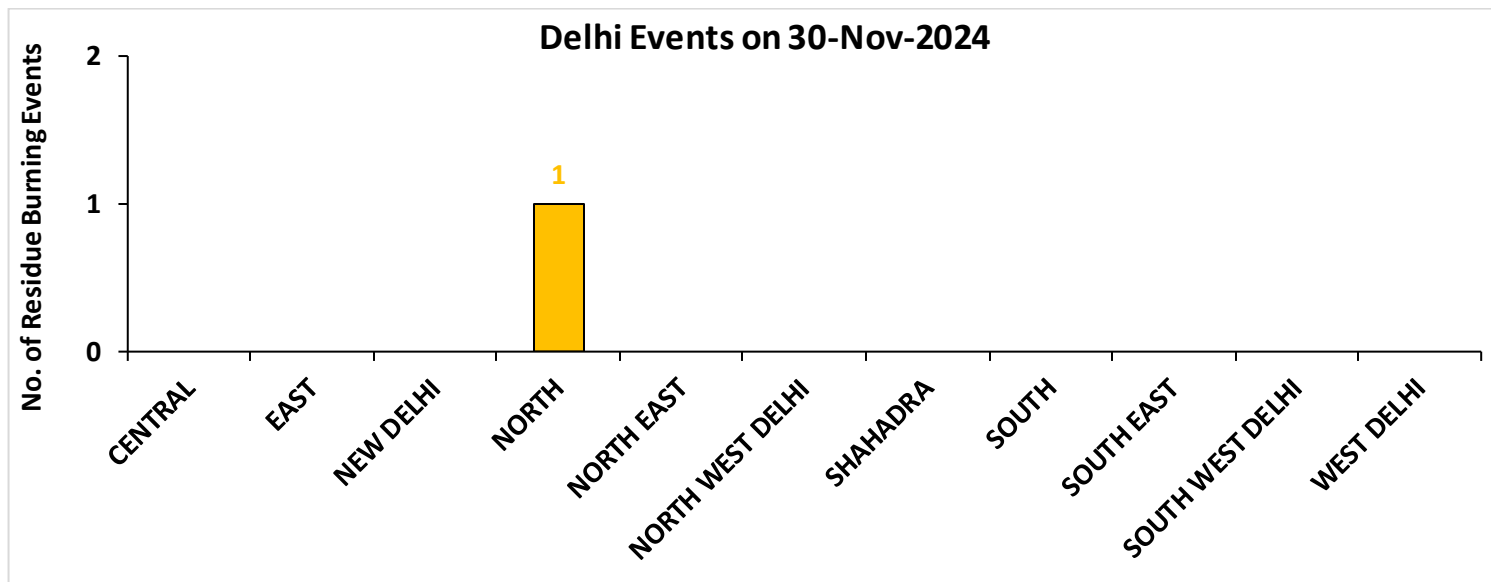
Fire Intensity (W/m²)

- 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 Delhi (15Sep-30Nov-2024)



District-wise cumulative number of residues burning events detected in 2020, 2021, 2022, 2023 and 2024
(Period: 15 September-30 November)

(a) Punjab

District	15 Sep-30 Nov				
	2020	2021	2022	2023	2024
Amritsar	3067	2174	1542	1573	735
Barnala	5342	4326	2910	2316	262
Bathinda	5239	4481	4592	2972	750
Faridkot	4734	3953	2693	2022	551
Fatehgarh Sahib	1536	1724	1149	888	233
Fazilka	2616	2389	2593	1854	400
Firozpur	8525	6289	4558	3398	1342
Gurdaspur	2132	1396	854	389	199
Hoshiarpur	388	331	259	118	29
Jalandhar	1951	2548	1388	1196	157
Kapurthala	1886	1798	1279	1048	357
Ludhiana	5065	5817	2682	1801	332
Malerkotla*	--	--	--	413	203
Mansa	3786	3217	2815	2268	618
Moga	7421	6515	3609	2795	691
Muktsar	5072	4598	3884	1669	816
Pathankot	13	6	1	4	3
Patiala	6433	5426	3395	1878	542
Rupnagar	205	307	246	46	11
Sangrur#	11727	9389	5916	5618	1725
SAS NAGAR (Mohali)	127	148	103	133	40
SBS Nagar	132	355	270	238	37
Tarn Taran	5605	4117	3184	2026	876
Total	83002	71304	49922	36663	10909

(b) Haryana

District	15 Sep-30 Nov				
	2020	2021	2022	2023	2024
AMBALA	346	308	226	195	99
BHIWANI	5	12	9	10	10
CHARKHI DADRI	0	0	1	2	0
FARIDABAD	1	3	1	9	47
FATEHABAD	880	1479	767	579	130
GURGAON	0	0	0	0	0
HISAR	56	245	115	111	49
JHAJJAR	6	7	8	20	12
JIND	347	919	533	343	218
KAITHAL	840	1157	641	262	194
KARNAL	592	955	301	126	96
KURUKSHETRA	406	538	302	154	132
MAHENDRAGARH	0	0	0	0	0
MEWAT	0	0	0	0	0
PALWAL	46	115	51	57	39
PANCHKULA	0	0	0	1	19
PANIPAT	55	254	84	25	41
REWARI	0	0	0	0	0
ROHTAK	50	78	68	71	24
SIRSA	357	551	305	162	188
SONIPAT	72	219	94	78	70
YAMUNANAGAR	143	147	155	98	38
Total	4202	6987	3661	2303	1406

*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-30 Nov																
	2020	2021	2022	2023	2024	GAUTAMBUDHNAGAR	16	19	11	15	41	MUZAFARNAGAR	66	41	31	35	92
AGRA	7	0	0	4	11	GAZIPUR	41	30	34	23	53	PILHIBHIT	36	224	155	119	113
ALIGARH	114	40	44	89	179	GHAZIABAD	29	17	13	31	29	PRATAPGARH	46	43	32	48	41
ALLAHABAD	56	46	19	22	53	GONDA	14	13	1	14	22	RAIBARELI	49	104	59	94	162
AMBEDKARNAGAR	55	40	52	58	128	GORAKHPUR	47	38	45	143	169	RAMPUR	167	193	108	102	43
AMETHI	15	33	24	78	44	HAMIRPUR	7	0	0	0	0	SAMBHAL	22	22	15	19	98
AMROHA	24	10	9	5	28	HAPUR	42	22	17	17	24	SANTKABIRNAGAR	33	24	17	63	48
AURAIYA	105	81	68	77	51	HARDOI	112	119	83	105	153	SANTRAVIDASNAGAR	5	6	5	3	7
AZAMGARH	68	43	30	39	61	HATHRAS	0	0	2	3	15	SHAHJAHANPUR	161	423	327	132	163
BADAUN	15	19	11	11	36	JALAUN	51	0	0	0	0	SHAMLI	52	50	26	27	45
BAGHPAT	28	24	20	25	49	JAUNPUR	59	44	40	48	78	SHARANPUR	110	92	37	37	73
BAHRAICH	110	60	23	50	53	JHANSI	380	173	123	172	323	SHRAWASTI	48	45	19	59	50
BALLIA	174	88	60	40	87	KANNAUJ	34	6	8	8	26	SIDDHARTHANAGAR	77	140	49	172	88
BALRAMPUR	69	21	13	35	22	KANPUR	45	39	30	51	84	SITAPUR	84	56	49	66	127
BANDA	50	15	23	50	61	KANPUR DEHAT	102	53	67	145	163	SONBHADRA	1	2	0	0	1
BARABANKI	36	73	61	85	110	KASGANJ	3	2	3	4	3	SULTANPUR	15	40	33	55	80
BAREILLY	95	69	73	68	65	KAUSHAMBI	101	92	51	71	99	UNNAO	52	34	41	61	156
BASTI	58	53	21	95	78	KHERI	214	186	168	127	193	VARANASI	2	5	0	3	4
BIJNOR	57	55	25	21	44	KUSHINAGAR	88	61	59	139	257	Total	4631	4242	3017	3996	6142
BULANDSAHAR	75	16	32	28	61	LALITPUR	3	6	3	6	0						
CHANDAULI	53	26	15	5	32	LUCKNOW	35	34	16	44	45						
CHITRAKOOT	19	9	15	14	44	MAHARAJGANJ	64	210	190	224	692						
DEORIA	90	41	47	77	106	MAHOBA	27	0	0	0	0						
ETAH	17	10	8	21	28	MAINPURI	69	52	46	58	103						
ETAWAH	93	108	69	130	156	MATHURA	161	240	30	95	119						
FAIZABAD	16	13	8	28	43	MAU	43	23	13	30	52						
FARRUKHABAD	7	4	1	1	5	MEERUT	99	63	48	34	73						
FATEHPUR	138	108	109	103	214	MIRZAPUR	14	18	7	2	15						
FIROZABAD	27	17	10	10	23	MORADABAD	34	16	16	23	48						

(d) Delhi

District	15 Sep-30 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	9
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	13

(e) Rajasthan

District	15 Sep-30 Nov				
	2020	2021	2022	2023	2024
AJMER	3	0	0	0	0
ALWAR	10	0	0	0	0
BANSWARA	0	0	1	1	1
BARAN	167	13	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	87	180	213	464
CHITTAURGARH	5	13	8	16	14
CHURU	0	0	0	0	0
DAUSA	1	0	0	0	0
DHOLPUR	0	0	0	0	0
DUNGARPUR	0	0	2	2	2
GANGANAGAR	226	146	104	153	292
HANUMANGARH	952	995	677	702	1144
JAIPUR	4	0	0	0	0
JAISELMER	5	0	0	0	0
JALOR	2	0	0	0	0
JHALAWAR	10	1	12	13	6
JHUNJHUNUN	1	0	0	0	0
JODHPUR	5	0	0	0	0
KARAULI	1	0	0	0	1
KOTA	116	57	148	268	361
NAGAU	4	0	0	0	0
PALI	13	0	0	0	0
PRATAPGARH	8	0	0	0	0
RAJSMAND	1	0	0	0	0
SIKAR	1	0	0	0	0
SIROHI	3	0	0	0	0
SWAIMADHOPUR	65	34	55	57	110
TONK	5	0	0	0	0
UDAIPUR	2	1	3	8	1
Total	1756	1350	1268	1775	2772

(f) Madhya Pradesh

District	15 Sep-30 Nov										
	2020	2021	2022	2023	2024	PANNA	50	23	41	48	87
ALIRAJPUR	0	0	0	0	0	RAISEN	619	361	465	407	824
ANUPPUR	3	2	7	3	9	RAJGARH	13	3	5	11	4
ASHOKNAGAR	156	90	188	278	760	RATLAM	10	7	3	6	3
BALAGHAT	9	6	5	4	22	REWA	143	120	101	95	205
BARWANI	6	0	0	3	4	SAGAR	28	31	55	92	101
BETUL	37	16	27	44	23	SATNA	577	526	504	394	714
BHIND	269	159	209	270	510	SEHORE	164	153	227	193	331
BHOPAL	52	40	43	50	78	SEONI	1234	897	1127	1438	536
BURHANPUR	16	3	5	10	1	SHAHDOL	3	1	3	2	1
CHHATARPUR	9	0	2	3	6	SHAJAPUR	22	0	0	20	40
CHHINDWARA	136	59	102	178	41	SHEOPUR	1862	1013	1800	1859	2508
DAMOH	75	53	70	100	102	SHIVPURI	396	112	286	301	461
DATIA	1188	498	861	915	1303	SIDHI	4	6	4	2	14
DEWAS	8	0	0	14	8	SINGRAULI	0	7	3	18	8
DHAR	48	0	0	45	26	TIKAMGARH	5	0	1	6	2
DINDORI	0	0	1	3	4	UJJAIN	18	0	0	18	15
EAST NIMAR	23	7	11	56	39	UMARIA	9	11	16	11	27
GUNA	70	12	124	468	639	VIDESHA	145	123	94	152	222
GWALIOR	2058	848	1583	1072	1528	WEST NIMAR	68	12	20	45	39
HARDA	14	21	11	31	14	Total	14148	8160	11737	12500	16360
HOSHANGABAD	1060	1067	1099	1181	1666						
INDORE	4	0	0	12	15						
JABALPUR	2671	1426	1982	1984	2464						
JHABUA	0	0	0	0	0						
KATNI	326	119	224	274	347						
MANDLA	152	119	153	97	155						
MANDSAUR	15	0	0	6	23						
MORENA	62	37	25	48	80						
NARSHIMAPURA	309	172	250	232	344						
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-30 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
27-Nov	124	19	12	0	41	26	28	8	1	15	54	257	14	11	203
28-Nov	84	5	11	18	34	57	9	13	0	7	118	241	59	64	103
29-Nov	55	8	8	18	32	65	14	5	11	9	247	101	101	173	215
30-Nov	21	5	15	13	22	17	18	14	7	17	206	26	180	11	373
Total	83002	71304	49922	36663	10909	4202	6987	3661	2303	1406	4631	4242	3017	3996	6142

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
27-Nov	0	0	0	0	0	16	33	2	0	24	39	416	57	0	220
28-Nov	0	0	0	0	0	24	12	1	3	20	38	163	109	5	282
29-Nov	0	0	0	0	0	44	7	0	1	9	83	95	74	11	311
30-Nov	0	0	0	0	1	6	9	1	2	10	41	14	151	0	286
Total	9	4	10	5	13	1756	1350	1268	1775	2772	14148	8160	11737	12500	16360

Details of residue burning events in Punjab on 30-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	BARNALA	SEHNA	AQUA	30.51600	75.33900	14:25:14	D	7.50
2	FARIDKOT	JAITON	S-NPP	30.42073	74.86803	13:09:21	D	4.20
3	FARIDKOT	JAITON	S-NPP	30.46127	75.01359	13:09:21	D	2.80
4	FAZILKA	ARNIWALA SHEIKH SUBANPUR	AQUA	30.33300	74.29600	14:25:14	D	12.10
5	FAZILKA	FAZILKA	S-NPP	30.38082	74.09575	13:09:21	D	3.20
6	FAZILKA	FAZILKA	S-NPP	30.38936	73.97899	13:09:21	D	7.20
7	FAZILKA	FAZILKA	S-NPP	30.39122	73.97631	13:09:21	D	8.10
8	FAZILKA	FAZILKA	AQUA	30.49700	73.98400	14:25:14	D	10.10
9	FAZILKA	KHUIAN SARWAR	AQUA	30.19700	74.03400	14:25:14	D	13.80
10	JALANDHAR	LOHIAN	AQUA	31.11500	75.32100	14:25:14	D	7.30
11	KAPURTHALA	KAPURTHALA	S-NPP	31.28332	75.28956	13:09:21	D	3.60
12	KAPURTHALA	KAPURTHALA	S-NPP	31.28708	75.28858	13:09:21	D	3.60
13	KAPURTHALA	KAPURTHALA	AQUA	31.29600	75.29200	14:25:14	D	6.00
14	KAPURTHALA	SULTANPUR LODHI	AQUA	31.16000	75.06900	14:25:14	D	4.40
15	LUDHIANA	SIDHWAN BET	AQUA	30.90900	75.48700	14:25:14	D	5.50
16	MANSA	BHIKHI	S-NPP	30.13578	75.40166	13:09:21	D	3.00
17	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.94573	75.32124	13:09:21	D	6.40
18	MUKTSAR	LAMBI	S-NPP	30.11944	74.61802	13:09:21	D	2.80
19	MUKTSAR	LAMBI	AQUA	29.96400	74.65300	14:25:14	D	5.90
20	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.89558	76.33643	01:59:22	N	8.80
21	SBS NAGAR	BANGA	AQUA	31.24500	76.01100	14:25:14	D	3.80
22	TARN TARAN	PATTI	S-NPP	31.32245	74.87940	13:09:21	D	2.90

Details of residue burning events in Haryana on 30-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	AMBALA	SHAHZADPUR	S-NPP	30.43061	77.04451	13:09:21	D	2.80
2	AMBALA	SHAHZADPUR	S-NPP	30.43227	77.04162	13:09:21	D	1.40
3	HISAR	HANSI-II	S-NPP	29.16522	76.24326	13:09:21	D	3.30
4	HISAR	NARNAUND	S-NPP	29.23355	76.21317	13:09:21	D	4.50
5	JIND	JULANA	AQUA	29.15600	76.31600	14:25:14	D	6.20
6	JIND	JULANA	AQUA	29.17200	76.42600	14:25:14	D	5.30
7	JIND	SAFIDON	S-NPP	29.41652	76.73273	13:09:21	D	3.70
8	JIND	SAFIDON	AQUA	29.44700	76.60200	14:25:14	D	4.00
9	KARNAL	NILOKHERI	S-NPP	29.80155	76.80569	01:59:22	N	1.10
10	PALWAL	PRITHLA	S-NPP	28.20018	77.38258	13:09:21	D	4.90
11	PANIPAT	MADLAUDA	AQUA	29.43000	76.74500	14:25:14	D	3.50
12	ROHTAK	ROHTAK	AQUA	28.88400	76.48000	14:25:14	D	4.70
13	SIRSA	DABWALI	AQUA	29.90700	74.53200	14:25:14	D	6.20
14	SIRSA	RANIA	AQUA	29.55600	74.59800	14:25:14	D	4.50
15	SIRSA	SIRSA	S-NPP	29.53955	75.19954	01:59:22	N	0.40
16	SONIPAT	GANAUR	AQUA	29.10500	76.98600	14:25:14	D	7.70
17	SONIPAT	GOHANA	S-NPP	29.12596	76.79037	13:09:21	D	3.90

Details of residue burning events in Uttar Pradesh on 30-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ALLAHABAD	BARA	S-NPP	25.14270	81.73546	13:09:21	D	2.80
2	ALLAHABAD	BARA	S-NPP	25.16528	81.72742	13:09:21	D	2.70
3	ALLAHABAD	KARCHHANA	S-NPP	25.27388	81.89396	01:59:22	N	0.50
4	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.33537	82.62772	13:09:21	D	2.10
5	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.36159	82.61905	13:09:21	D	2.70
6	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.41080	82.65072	13:09:21	D	2.80
7	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.44999	82.67236	13:09:21	D	4.00
8	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.46558	82.61298	13:09:21	D	13.70
9	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.54725	82.47823	13:09:21	D	4.40
10	AMBEDKARNAGAR	AKBARPUR	AQUA	26.45200	82.67500	14:25:14	D	13.00
11	AMBEDKARNAGAR	ALAPUR	S-NPP	26.40776	82.99319	13:09:21	D	4.10
12	AMBEDKARNAGAR	JALALPUR	S-NPP	26.27335	82.85317	13:09:21	D	2.10
13	AMBEDKARNAGAR	JALALPUR	S-NPP	26.28903	82.81793	13:09:21	D	3.50
14	AMBEDKARNAGAR	JALALPUR	S-NPP	26.29742	82.80428	13:09:21	D	2.20
15	AMBEDKARNAGAR	JALALPUR	S-NPP	26.34616	82.80791	13:09:21	D	1.80
16	AMBEDKARNAGAR	JALALPUR	S-NPP	26.38857	82.73558	13:09:21	D	1.70
17	AMBEDKARNAGAR	JALALPUR	S-NPP	26.40927	82.73599	13:09:21	D	2.60
18	AMBEDKARNAGAR	JALALPUR	S-NPP	26.43443	82.71941	13:09:21	D	3.20
19	AMBEDKARNAGAR	TANDA	S-NPP	26.43835	82.72277	13:09:21	D	3.20
20	AMBEDKARNAGAR	TANDA	S-NPP	26.45690	82.75602	13:09:21	D	2.10
21	AMBEDKARNAGAR	TANDA	S-NPP	26.48183	82.65459	13:09:21	D	1.60
22	AMBEDKARNAGAR	TANDA	S-NPP	26.48801	82.67374	13:09:21	D	1.50
23	AMBEDKARNAGAR	TANDA	S-NPP	26.49751	82.66801	13:09:21	D	3.40
24	AMBEDKARNAGAR	TANDA	S-NPP	26.53977	82.57963	13:09:21	D	2.00
25	AMBEDKARNAGAR	TANDA	S-NPP	26.54126	82.58012	13:09:21	D	2.20
26	AMBEDKARNAGAR	TANDA	S-NPP	26.55468	82.60199	13:09:21	D	1.90
27	AMBEDKARNAGAR	TANDA	S-NPP	26.56026	82.59291	13:09:21	D	3.50
28	AMETHI	GAURIGANJ	S-NPP	26.15665	81.65898	13:09:21	D	4.30
29	AMETHI	GAURIGANJ	S-NPP	26.19269	81.63242	13:09:21	D	1.80
30	AMETHI	GAURIGANJ	S-NPP	26.28027	81.60435	13:09:21	D	2.20

31	AMETHI	GAURIGANJ	S-NPP	26.35642	81.72833	13:09:21	D	1.80
32	AMETHI	GAURIGANJ	S-NPP	26.35686	81.61015	01:59:22	N	0.90
33	AMETHI	MUSAFIRKHANA	S-NPP	26.33754	81.80684	13:09:21	D	1.80
34	AMETHI	MUSAFIRKHANA	S-NPP	26.44665	81.79127	13:09:21	D	1.90
35	AMROHA	AMROHA	S-NPP	28.90899	78.38191	13:09:21	D	4.80
36	AMROHA	AMROHA	S-NPP	29.06519	78.64549	13:09:21	D	2.70
37	AMROHA	AMROHA	AQUA	28.98900	78.49100	14:25:14	D	4.70
38	AMROHA	HASANPUR	AQUA	28.61900	78.20200	14:25:14	D	4.70
39	AURAIYA	AURAIYA	S-NPP	26.47776	79.44231	13:09:21	D	2.40
40	AURAIYA	AURAIYA	AQUA	26.50200	79.39000	14:25:14	D	7.40
41	AZAMGARH	LALGANJ	S-NPP	25.79836	83.06821	13:09:21	D	4.10
42	AZAMGARH	MEHNAGAR	S-NPP	25.88198	83.13970	13:09:21	D	2.70
43	AZAMGARH	NIZAMABAD	S-NPP	25.94682	82.88456	13:09:21	D	5.10
44	AZAMGARH	PHULPUR	S-NPP	25.92947	82.83507	13:09:21	D	4.00
45	AZAMGARH	PHULPUR	S-NPP	26.04462	82.85962	13:09:21	D	2.90
46	AZAMGARH	PHULPUR	S-NPP	26.10499	82.77628	13:09:21	D	2.70
47	BADAUN	BADAUN	S-NPP	28.05903	79.21635	13:09:21	D	1.90
48	BADAUN	BADAUN	S-NPP	28.07699	79.02674	13:09:21	D	1.40
49	BAGHPAT	BAGHPAT	S-NPP	28.91817	77.26241	13:09:21	D	1.80
50	BAGHPAT	BAGHPAT	S-NPP	28.94323	77.42471	13:09:21	D	4.70
51	BAGHPAT	BAGHPAT	S-NPP	28.94939	77.31313	13:09:21	D	1.20
52	BAGHPAT	BAGHPAT	S-NPP	28.96142	77.44432	13:09:21	D	14.00
53	BAGHPAT	BARAUT	S-NPP	29.05182	77.28881	13:09:21	D	4.80
54	BAGHPAT	BARAUT	S-NPP	29.05401	77.29056	13:09:21	D	3.30
55	BAGHPAT	BARAUT	S-NPP	29.19434	77.20909	13:09:21	D	3.50
56	BAGHPAT	BARAUT	S-NPP	29.22675	77.36961	13:09:21	D	3.50
57	BAHRAICH	BAHRAICH	S-NPP	27.33607	81.81512	13:09:21	D	4.90
58	BAHRAICH	BAHRAICH	S-NPP	27.50721	81.82449	13:09:21	D	1.60
59	BAHRAICH	BAHRAICH	S-NPP	27.53654	81.73078	13:09:21	D	3.30
60	BAHRAICH	KAISARGANJ	S-NPP	27.49619	81.64220	13:09:21	D	4.80
61	BAHRAICH	NANPARA	S-NPP	27.76627	81.40765	13:09:21	D	0.60
62	BAHRAICH	NANPARA	S-NPP	27.88149	81.39072	13:09:21	D	2.00
63	BAHRAICH	NANPARA	S-NPP	27.95661	81.46074	13:09:21	D	5.80

64	BAHRAICH	NANPARA	AQUA	28.09400	81.23700	14:25:14	D	6.90
65	BALLIA	BALLIA	S-NPP	25.64959	83.94397	13:09:21	D	3.50
66	BALLIA	BALLIA	S-NPP	25.65131	83.94425	13:09:21	D	3.30
67	BALLIA	BALLIA	S-NPP	25.81515	84.01752	13:09:21	D	2.40
68	BALLIA	BANSDIH	S-NPP	25.91131	84.14559	13:09:21	D	4.00
69	BALLIA	BELTHARA ROAD	S-NPP	26.01575	83.93411	13:09:21	D	3.10
70	BALLIA	BELTHARA ROAD	S-NPP	26.01751	83.92090	13:09:21	D	4.10
71	BALLIA	RASRA	S-NPP	25.86972	83.94026	13:09:21	D	2.30
72	BALLIA	RASRA	S-NPP	25.93838	83.95042	13:09:21	D	2.00
73	BALLIA	RASRA	S-NPP	25.96899	83.91526	13:09:21	D	5.50
74	BALLIA	RASRA	S-NPP	25.96957	83.91946	13:09:21	D	4.40
75	BALLIA	RASRA	S-NPP	25.97078	83.91574	13:09:21	D	7.40
76	BALLIA	SIKANDARPUR	S-NPP	25.94991	83.98301	13:09:21	D	4.30
77	BALLIA	SIKANDARPUR	S-NPP	25.96436	84.01087	13:09:21	D	7.70
78	BALLIA	SIKANDARPUR	S-NPP	25.98985	84.09349	13:09:21	D	8.80
79	BALLIA	SIKANDARPUR	S-NPP	26.02615	83.93239	13:09:21	D	2.60
80	BALRAMPUR	TULSIPUR	S-NPP	27.36869	82.50015	13:09:21	D	3.10
81	BALRAMPUR	TULSIPUR	S-NPP	27.48674	82.69333	13:09:21	D	2.80
82	BALRAMPUR	UTRAULA	S-NPP	27.21031	82.24789	13:09:21	D	5.40
83	BANDA	ATARRA	S-NPP	25.38668	80.72697	01:59:22	N	0.40
84	BANDA	BABERU	S-NPP	25.50164	80.62634	13:09:21	D	3.80
85	BANDA	BABERU	S-NPP	25.51762	80.76142	01:59:22	N	0.40
86	BANDA	BABERU	S-NPP	25.51782	80.71915	01:59:22	N	0.70
87	BANDA	BABERU	S-NPP	25.52932	80.84343	13:09:21	D	2.60
88	BANDA	BABERU	S-NPP	25.54040	80.85548	01:59:22	N	0.50
89	BANDA	BABERU	S-NPP	25.57519	80.83068	13:09:21	D	1.20
90	BANDA	BABERU	S-NPP	25.62077	80.83779	13:09:21	D	1.40
91	BANDA	BABERU	S-NPP	25.63570	80.85280	01:59:22	N	0.50
92	BANDA	BABERU	S-NPP	25.65572	80.80714	13:09:21	D	2.80
93	BAREILLY	BAHERI	S-NPP	28.69561	79.46288	13:09:21	D	3.20
94	BAREILLY	BAHERI	S-NPP	28.80358	79.45737	13:09:21	D	2.10
95	BAREILLY	FARIDPUR	S-NPP	28.29298	79.57341	13:09:21	D	2.60
96	BAREILLY	MIRGANJ	S-NPP	28.47734	79.24466	13:09:21	D	2.10

97	BASTI	BASTI	S-NPP	26.67559	82.91908	13:09:21	D	2.60
98	BASTI	BASTI	S-NPP	26.84806	82.80730	13:09:21	D	2.30
99	BASTI	BASTI	S-NPP	26.88963	82.75120	13:09:21	D	2.10
100	BASTI	BHANPUR	S-NPP	26.92108	82.77848	13:09:21	D	2.40
101	BASTI	BHANPUR	S-NPP	26.93963	82.78754	13:09:21	D	3.90
102	BASTI	BHANPUR	S-NPP	27.01930	82.58946	13:09:21	D	5.90
103	BASTI	BHANPUR	S-NPP	27.07400	82.75591	13:09:21	D	1.90
104	BASTI	RUDHAULI	S-NPP	26.99408	82.75742	13:09:21	D	2.30
105	BIJNOR	AFZALGARH	AQUA	29.43500	78.65700	14:25:14	D	5.90
106	BIJNOR	CHANDPUR	S-NPP	29.20721	78.23890	13:09:21	D	1.80
107	BIJNOR	DHAMPUR	S-NPP	29.30806	78.33779	13:09:21	D	1.90
108	BIJNOR	DHAMPUR	S-NPP	29.31380	78.55956	13:09:21	D	2.60
109	BIJNOR	NAJIBABAD	S-NPP	29.54738	78.20303	13:09:21	D	2.70
110	BIJNOR	NAJIBABAD	S-NPP	29.60234	78.44165	13:09:21	D	1.50
111	BULANSAHAR	BULANSHAHAR	S-NPP	28.37099	77.92926	13:09:21	D	2.70
112	BULANSAHAR	BULANSHAHAR	S-NPP	28.50622	77.79053	13:09:21	D	2.60
113	CHANDAULI	CHAKIA	S-NPP	25.12298	83.31936	13:09:21	D	7.00
114	CHANDAULI	CHAKIA	S-NPP	25.13368	83.32160	13:09:21	D	3.70
115	CHANDAULI	CHAKIA	S-NPP	25.13424	83.27292	13:09:21	D	2.30
116	CHANDAULI	CHANDAULI	S-NPP	25.20679	83.22408	13:09:21	D	2.10
117	CHANDAULI	CHANDAULI	S-NPP	25.22478	83.22910	13:09:21	D	1.80
118	CHANDAULI	CHANDAULI	S-NPP	25.32106	83.51178	13:09:21	D	5.50
119	CHANDAULI	CHANDAULI	S-NPP	25.37037	83.51582	13:09:21	D	3.40
120	CHANDAULI	SHAKALDIHA	S-NPP	25.33920	83.34467	13:09:21	D	3.40
121	CHANDAULI	SHAKALDIHA	S-NPP	25.36511	83.23032	13:09:21	D	7.00
122	DEORIA	BHATPAR RANI	S-NPP	26.24407	84.16393	13:09:21	D	2.60
123	DEORIA	DEORIA	S-NPP	26.56840	83.90742	13:09:21	D	7.70
124	DEORIA	DEORIA	S-NPP	26.57281	83.79817	01:59:22	N	1.00
125	DEORIA	DEORIA	S-NPP	26.61178	83.82276	13:09:21	D	3.50
126	DEORIA	DEORIA	S-NPP	26.62417	83.70390	13:09:21	D	2.80
127	DEORIA	DEORIA	S-NPP	26.62535	83.68650	13:09:21	D	2.20
128	DEORIA	DEORIA	S-NPP	26.63397	83.69796	13:09:21	D	3.20
129	DEORIA	DEORIA	S-NPP	26.64481	83.77823	13:09:21	D	3.30

130	DEORIA	DEORIA	S-NPP	26.69680	83.82166	13:09:21	D	4.50
131	ETAWAH	BHARTHNA	S-NPP	26.66667	79.15100	13:09:21	D	3.90
132	ETAWAH	BHARTHNA	AQUA	26.81300	79.22200	14:25:14	D	8.70
133	FAIZABAD	FAIZSBAD	S-NPP	26.64084	82.32911	13:09:21	D	2.10
134	FAIZABAD	MILKIPUR	S-NPP	26.62367	82.02462	13:09:21	D	3.30
135	FAIZABAD	RUDAULI	S-NPP	26.78104	81.65028	13:09:21	D	4.30
136	FAIZABAD	SOHAWAL	S-NPP	26.72578	81.84685	13:09:21	D	2.10
137	FATEHPUR	BINKI	S-NPP	25.99732	80.56277	13:09:21	D	1.50
138	FATEHPUR	FATEHPUR	S-NPP	25.73811	80.87455	13:09:21	D	4.00
139	FATEHPUR	FATEHPUR	S-NPP	25.74083	80.87007	13:09:21	D	2.10
140	FATEHPUR	FATEHPUR	S-NPP	25.74263	80.88161	13:09:21	D	7.80
141	FATEHPUR	FATEHPUR	S-NPP	25.74504	80.89697	13:09:21	D	7.20
142	FATEHPUR	FATEHPUR	S-NPP	25.74532	80.92065	13:09:21	D	7.70
143	FATEHPUR	FATEHPUR	S-NPP	25.74711	80.89262	13:09:21	D	3.80
144	FATEHPUR	FATEHPUR	S-NPP	25.74772	80.89646	13:09:21	D	8.80
145	FATEHPUR	FATEHPUR	AQUA	25.75300	80.91400	14:25:14	D	20.90
146	FATEHPUR	FATEHPUR	AQUA	25.77100	80.89300	14:25:14	D	7.10
147	FATEHPUR	KHAGA	S-NPP	25.45453	81.20470	13:09:21	D	3.30
148	GAZIPUR	GAZIPUR	S-NPP	25.81026	83.52715	13:09:21	D	2.60
149	GAZIPUR	GAZIPUR	S-NPP	25.81082	83.53123	13:09:21	D	3.70
150	GAZIPUR	MUHAMMADBAD	S-NPP	25.60124	83.92638	13:09:21	D	1.80
151	GAZIPUR	MUHAMMADBAD	S-NPP	25.63144	83.69354	13:09:21	D	1.50
152	GAZIPUR	MUHAMMADBAD	S-NPP	25.65148	83.89305	13:09:21	D	5.00
153	GAZIPUR	MUHAMMADBAD	S-NPP	25.69765	83.76669	13:09:21	D	3.00
154	GAZIPUR	MUHAMMADBAD	S-NPP	25.72972	83.79517	13:09:21	D	5.60
155	GAZIPUR	MUHAMMADBAD	S-NPP	25.77533	83.77631	13:09:21	D	4.50
156	GAZIPUR	SAIDPUR	S-NPP	25.62347	83.30923	13:09:21	D	3.00
157	GAZIPUR	ZAMANIA	S-NPP	25.42422	83.75648	13:09:21	D	6.50
158	GAZIPUR	ZAMANIA	S-NPP	25.47381	83.83655	13:09:21	D	8.20
159	GHAZIABAD	GHAZIABAD	S-NPP	28.73099	77.56042	13:09:21	D	4.30
160	GONDA	GONDA	S-NPP	27.27714	81.98627	13:09:21	D	2.60
161	GONDA	TARABGANJ	S-NPP	26.91353	81.99970	13:09:21	D	3.30
162	GONDA	TARABGANJ	S-NPP	27.05710	82.03036	13:09:21	D	3.90

163	GORAKHPUR	GORAKHPUR	S-NPP	26.78826	83.57453	13:09:21	D	2.70
164	GORAKHPUR	GORAKHPUR	S-NPP	26.89370	83.48946	13:09:21	D	1.70
165	HAPUR	HAPUR	S-NPP	28.60369	77.68584	13:09:21	D	4.20
166	HARDOI	SHAHABAD	S-NPP	27.60981	80.17671	13:09:21	D	4.90
167	HARDOI	SHAHABAD	S-NPP	27.71956	80.14261	13:09:21	D	2.30
168	HARDOI	SHAHABAD	AQUA	27.64700	79.90600	14:25:14	D	6.20
169	JAUNPUR	JAUNPUR	S-NPP	25.84820	82.66058	13:09:21	D	2.10
170	JAUNPUR	MARIAHU	S-NPP	25.58592	82.46019	13:09:21	D	2.00
171	JAUNPUR	SHHGANJ	S-NPP	25.85210	82.66389	13:09:21	D	7.10
172	JAUNPUR	SHHGANJ	S-NPP	25.91543	82.64062	13:09:21	D	8.10
173	JAUNPUR	SHHGANJ	S-NPP	25.91995	82.72002	13:09:21	D	3.70
174	JAUNPUR	SHHGANJ	S-NPP	25.98135	82.71725	13:09:21	D	1.90
175	JAUNPUR	SHHGANJ	S-NPP	26.04445	82.61796	13:09:21	D	3.90
176	JAUNPUR	SHHGANJ	S-NPP	26.07793	82.63612	13:09:21	D	1.20
177	JAUNPUR	SHHGANJ	S-NPP	26.10299	82.61965	13:09:21	D	3.10
178	JAUNPUR	SHHGANJ	S-NPP	26.10633	82.61906	13:09:21	D	3.10
179	JAUNPUR	SHHGANJ	S-NPP	26.10904	82.59051	13:09:21	D	3.90
180	JAUNPUR	SHHGANJ	S-NPP	26.11562	82.57805	13:09:21	D	2.40
181	JAUNPUR	SHHGANJ	S-NPP	26.13571	82.59854	13:09:21	D	4.20
182	JHANSI	MOTH	S-NPP	25.68047	78.95864	13:09:21	D	2.50
183	JHANSI	MOTH	S-NPP	25.68797	78.93950	13:09:21	D	3.10
184	JHANSI	MOTH	AQUA	25.70300	78.91100	14:25:14	D	8.10
185	JHANSI	MOTH	AQUA	25.74900	78.98600	14:25:14	D	11.90
186	KANPUR DEHAT	AKBARPUR	S-NPP	26.49158	80.13247	13:09:21	D	1.80
187	KANPUR DEHAT	BHOGANIPUR	S-NPP	26.19109	80.00064	13:09:21	D	2.80
188	KANPUR DEHAT	DERAPUR	S-NPP	26.55680	79.75158	13:09:21	D	6.20
189	KANPUR DEHAT	DERAPUR	S-NPP	26.58264	79.67599	13:09:21	D	2.30
190	KAUSHAMBI	MANJHANPUR	S-NPP	25.38242	81.37437	13:09:21	D	8.40
191	KAUSHAMBI	MANJHANPUR	S-NPP	25.42758	81.27258	13:09:21	D	1.20
192	KAUSHAMBI	MANJHANPUR	S-NPP	25.42912	81.26052	13:09:21	D	1.40
193	KAUSHAMBI	MANJHANPUR	S-NPP	25.43089	81.27197	13:09:21	D	1.20
194	KAUSHAMBI	MANJHANPUR	S-NPP	25.48258	81.28176	13:09:21	D	2.10
195	KAUSHAMBI	MANJHANPUR	S-NPP	25.49794	81.27103	13:09:21	D	2.40

196	KHERI	DHAURAHRA	S-NPP	28.15569	81.02995	13:09:21	D	3.30
197	KHERI	GOLA	S-NPP	27.96365	80.50964	13:09:21	D	5.80
198	KHERI	GOLA	S-NPP	28.04123	80.48222	13:09:21	D	1.10
199	KHERI	GOLA	S-NPP	28.08365	80.58258	13:09:21	D	3.10
200	KHERI	GOLA	S-NPP	28.10882	80.37225	13:09:21	D	4.40
201	KHERI	GOLA	AQUA	28.11200	80.61700	14:25:14	D	7.00
202	KHERI	LAKHIMPUR	S-NPP	27.97999	80.57072	13:09:21	D	2.40
203	KHERI	LAKHIMPUR	S-NPP	28.01194	80.90543	13:09:21	D	1.70
204	KHERI	LAKHIMPUR	S-NPP	28.02786	80.77001	13:09:21	D	4.10
205	KHERI	LAKHIMPUR	AQUA	28.06100	80.87500	14:25:14	D	6.50
206	KHERI	LAKHIMPUR	AQUA	28.11200	80.69700	14:25:14	D	7.10
207	KHERI	MOHMADI	S-NPP	27.80388	80.61333	13:09:21	D	8.40
208	KHERI	MOHMADI	S-NPP	28.02380	80.34878	13:09:21	D	5.10
209	KHERI	NIGHASAN	S-NPP	28.30831	80.80836	13:09:21	D	8.70
210	KHERI	NIGHASAN	S-NPP	28.31888	80.88293	01:59:22	N	0.70
211	KHERI	NIGHASAN	S-NPP	28.36412	80.84190	13:09:21	D	1.30
212	KHERI	NIGHASAN	S-NPP	28.38997	80.98958	13:09:21	D	2.80
213	KHERI	NIGHASAN	S-NPP	28.39057	80.99348	13:09:21	D	2.80
214	KHERI	PALIA KALAN	S-NPP	28.50096	80.49703	13:09:21	D	1.00
215	KUSHINAGAR	HATA	S-NPP	26.78256	83.76521	13:09:21	D	2.70
216	KUSHINAGAR	HATA	S-NPP	26.78541	83.60501	13:09:21	D	2.60
217	KUSHINAGAR	HATA	S-NPP	26.79397	83.60006	13:09:21	D	2.10
218	KUSHINAGAR	HATA	S-NPP	26.81795	83.67353	13:09:21	D	1.80
219	KUSHINAGAR	HATA	S-NPP	26.82675	83.58166	13:09:21	D	2.80
220	KUSHINAGAR	HATA	S-NPP	26.84777	83.76389	13:09:21	D	2.80
221	KUSHINAGAR	HATA	S-NPP	26.84857	83.58656	13:09:21	D	1.90
222	KUSHINAGAR	HATA	S-NPP	26.84967	83.64663	13:09:21	D	1.80
223	KUSHINAGAR	HATA	S-NPP	26.86343	83.72218	13:09:21	D	3.20
224	KUSHINAGAR	HATA	S-NPP	26.89344	83.65655	13:09:21	D	3.20
225	KUSHINAGAR	HATA	S-NPP	26.89978	83.65116	13:09:21	D	4.70
226	KUSHINAGAR	HATA	S-NPP	26.90324	83.65058	13:09:21	D	2.70
227	KUSHINAGAR	HATA	S-NPP	26.92554	83.64738	13:09:21	D	3.40
228	KUSHINAGAR	HATA	S-NPP	26.94401	83.62699	13:09:21	D	4.80

229	KUSHINAGAR	HATA	S-NPP	26.94568	83.66563	13:09:21	D	2.00
230	KUSHINAGAR	HATA	AQUA	26.86800	83.70800	14:25:14	D	24.60
231	KUSHINAGAR	TAMKUHI RAJ	S-NPP	26.87013	84.12194	13:09:21	D	2.60
232	LUCKNOW	MOHANLAL GANJ	S-NPP	26.57491	81.11921	13:09:21	D	1.60
233	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.95501	83.52615	13:09:21	D	1.80
234	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.97799	83.64288	13:09:21	D	5.30
235	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.98144	83.64230	13:09:21	D	2.70
236	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.99413	83.65749	13:09:21	D	1.80
237	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.99528	83.66596	13:09:21	D	2.30
238	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.00221	83.66480	13:09:21	D	2.60
239	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.04089	83.70264	13:09:21	D	2.60
240	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.04156	83.65473	13:09:21	D	6.20
241	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.04751	83.48987	13:09:21	D	2.90
242	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.05019	83.66630	13:09:21	D	3.50
243	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.07102	83.58485	13:09:21	D	4.40
244	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.07267	83.70167	13:09:21	D	2.70
245	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.08771	83.68174	13:09:21	D	2.20
246	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.11754	83.57765	13:09:21	D	5.80
247	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.11867	83.58611	13:09:21	D	5.10
248	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.13118	83.65337	13:09:21	D	0.90
249	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.22508	83.54811	13:09:21	D	2.80
250	MAHARAJGANJ	NAUTANWA	S-NPP	27.30100	83.43175	13:09:21	D	2.10
251	MAHARAJGANJ	NAUTANWA	S-NPP	27.35398	83.41897	13:09:21	D	1.50
252	MAHARAJGANJ	NAUTANWA	S-NPP	27.36316	83.40880	13:09:21	D	3.20
253	MAHARAJGANJ	NICHLAUL	S-NPP	27.24720	83.71416	13:09:21	D	3.70
254	MAHARAJGANJ	NICHLAUL	S-NPP	27.24777	83.71845	13:09:21	D	8.20
255	MAHARAJGANJ	NICHLAUL	S-NPP	27.36841	83.79147	13:09:21	D	4.70
256	MAHARAJGANJ	NICHLAUL	S-NPP	27.36916	83.71640	13:09:21	D	3.40
257	MAHARAJGANJ	NICHLAUL	AQUA	27.15500	83.71300	14:25:14	D	13.70
258	MAHARAJGANJ	PHARENDA	S-NPP	27.10585	83.38641	13:09:21	D	4.00
259	MAHARAJGANJ	PHARENDA	S-NPP	27.14247	83.34608	13:09:21	D	2.30
260	MAINPURI	MAINPURI	S-NPP	27.22281	78.90938	13:09:21	D	3.00
261	MAU	GHOSI	S-NPP	26.06590	83.58966	13:09:21	D	2.60

262	MAU	GHOSI	S-NPP	26.21502	83.48091	13:09:21	D	5.20
263	MAU	MADHUBAN	S-NPP	26.04289	83.65261	13:09:21	D	4.20
264	MAU	MADHUBAN	S-NPP	26.04411	83.65211	13:09:21	D	3.40
265	MAU	MAU	S-NPP	25.91314	83.46442	13:09:21	D	1.80
266	MAU	MAU	S-NPP	25.99264	83.63541	13:09:21	D	2.70
267	MEERUT	MAWANA	S-NPP	28.89299	77.86476	13:09:21	D	2.90
268	MEERUT	MAWANA	S-NPP	29.03332	78.00314	13:09:21	D	1.60
269	MEERUT	MAWANA	S-NPP	29.08157	77.92525	13:09:21	D	3.80
270	MEERUT	MAWANA	S-NPP	29.08574	77.96976	13:09:21	D	3.20
271	MEERUT	MAWANA	S-NPP	29.15794	77.84160	13:09:21	D	3.10
272	MEERUT	MAWANA	AQUA	29.24800	78.08000	14:25:14	D	8.40
273	MEERUT	MEERUT	S-NPP	28.78646	77.77236	13:09:21	D	1.50
274	MEERUT	MEERUT	AQUA	28.94400	77.47200	14:25:14	D	7.60
275	MEERUT	SARDHANA	S-NPP	29.15743	77.73594	13:09:21	D	2.40
276	MIRZAPUR	MIRZAPUR	S-NPP	25.19154	82.44277	13:09:21	D	1.60
277	MORADABAD	BILARI	S-NPP	28.74429	78.73848	13:09:21	D	3.00
278	MORADABAD	MORADABAD	S-NPP	28.88787	78.82117	13:09:21	D	2.80
279	MORADABAD	MORADABAD	S-NPP	29.12602	78.97104	13:09:21	D	2.60
280	MORADABAD	MORADABAD	S-NPP	29.12633	78.96731	13:09:21	D	2.30
281	MUZAFARNAGAR	BUDHANA	S-NPP	29.29032	77.45930	13:09:21	D	3.10
282	MUZAFARNAGAR	BUDHANA	S-NPP	29.32619	77.37675	13:09:21	D	1.60
283	MUZAFARNAGAR	BUDHANA	S-NPP	29.37417	77.50270	13:09:21	D	4.50
284	MUZAFARNAGAR	JANSATH	S-NPP	29.30464	77.87351	13:09:21	D	4.00
285	MUZAFARNAGAR	JANSATH	S-NPP	29.30540	77.87790	13:09:21	D	4.90
286	MUZAFARNAGAR	KHATOLI	S-NPP	29.28192	77.80550	13:09:21	D	2.50
287	MUZAFARNAGAR	KHATOLI	AQUA	29.22200	77.75400	14:25:14	D	4.60
288	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.44703	77.60872	13:09:21	D	2.90
289	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.51636	77.48538	13:09:21	D	3.60
290	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.55766	77.57547	13:09:21	D	1.80
291	MUZAFARNAGAR	MUZAFFARNAGAR	AQUA	29.49600	77.59500	14:25:14	D	5.50
292	MUZAFARNAGAR	MUZAFFARNAGAR	AQUA	29.60300	77.50700	14:25:14	D	8.70
293	PILHIBHIT	BISALPUR	S-NPP	28.29718	79.90937	13:09:21	D	10.70
294	PILHIBHIT	BISALPUR	S-NPP	28.37341	79.90218	13:09:21	D	5.90

295	PILHIBHIT	BISALPUR	S-NPP	28.37404	79.90614	13:09:21	D	5.90
296	PILHIBHIT	BISALPUR	S-NPP	28.39323	79.83267	13:09:21	D	6.10
297	PILHIBHIT	PILHIBHIT	AQUA	28.57400	79.89200	14:25:14	D	5.10
298	PILHIBHIT	PURANPUR	S-NPP	28.34349	80.18077	13:09:21	D	8.90
299	PILHIBHIT	PURANPUR	S-NPP	28.34569	80.18047	13:09:21	D	31.80
300	PILHIBHIT	PURANPUR	AQUA	28.36100	80.30400	14:25:14	D	7.40
301	PRATAPGARH	KUNDA	S-NPP	25.90227	81.52086	13:09:21	D	2.60
302	PRATAPGARH	LALGANJ	S-NPP	25.94266	81.60764	13:09:21	D	1.80
303	PRATAPGARH	PATTI	S-NPP	25.67445	82.12072	13:09:21	D	1.40
304	PRATAPGARH	PATTI	S-NPP	25.95132	82.21261	13:09:21	D	1.00
305	RAIBEARELI	DALMAU	S-NPP	26.03201	81.15484	13:09:21	D	1.80
306	RAIBEARELI	DALMAU	S-NPP	26.08428	81.03046	13:09:21	D	1.90
307	RAIBEARELI	MAHARAJGANG	S-NPP	26.35556	81.38531	13:09:21	D	5.60
308	RAIBEARELI	MAHARAJGANG	AQUA	26.45800	81.09700	14:25:14	D	9.70
309	RAIBEARELI	RAEBARELI	S-NPP	26.31770	81.07729	13:09:21	D	1.80
310	RAIBEARELI	SALON	S-NPP	26.17319	81.39193	13:09:21	D	3.40
311	RAIBEARELI	SALON	S-NPP	26.19905	81.38314	13:09:21	D	3.60
312	RAIBEARELI	TILOI	S-NPP	26.29526	81.43604	13:09:21	D	1.80
313	RAIBEARELI	TILOI	S-NPP	26.36661	81.52523	13:09:21	D	3.50
314	RAIBEARELI	TILOI	S-NPP	26.39069	81.50944	13:09:21	D	3.10
315	RAIBEARELI	TILOI	S-NPP	26.54596	81.50420	13:09:21	D	3.50
316	RAIBEARELI	UNCHA HAR	S-NPP	26.06920	81.28569	13:09:21	D	2.50
317	RAIBEARELI	UNCHA HAR	S-NPP	26.07251	81.28507	13:09:21	D	3.50
318	RAIBEARELI	UNCHA HAR	S-NPP	26.07310	81.28889	13:09:21	D	3.50
319	RAIBEARELI	UNCHA HAR	S-NPP	26.07582	81.28445	13:09:21	D	3.50
320	SAMBHAL	CHANDAUSI	S-NPP	28.51591	78.79934	13:09:21	D	1.80
321	SAMBHAL	GUNNAUR	AQUA	28.37600	78.30500	14:25:14	D	6.40
322	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.68931	83.06525	13:09:21	D	2.70
323	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.80736	83.03699	13:09:21	D	4.50
324	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.86621	82.93589	13:09:21	D	1.60
325	SANTKABIRNAGAR	MEHDAWAL	S-NPP	27.00752	83.02379	13:09:21	D	1.90
326	SHAHJAHANPUR	PUWANYA	S-NPP	28.10868	80.03294	13:09:21	D	1.80
327	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.82950	79.80671	13:09:21	D	1.90

328	SHAHJAHANPUR	TILHAR	S-NPP	28.02095	79.88274	13:09:21	D	1.80
329	SHAHJAHANPUR	TILHAR	AQUA	28.06200	79.87000	14:25:14	D	5.30
330	SHAMLI	KAIRANA	AQUA	29.62300	77.24500	14:25:14	D	4.50
331	SHAMLI	SHAMLI	S-NPP	29.54074	77.37754	13:09:21	D	1.50
332	SHAMLI	SHAMLI	AQUA	29.53800	77.37800	14:25:14	D	6.50
333	SHARANPUR	DEOBAND	S-NPP	29.65722	77.75127	13:09:21	D	3.70
334	SHARANPUR	DEOBAND	S-NPP	29.78241	77.74290	13:09:21	D	2.10
335	SHARANPUR	NAKUR	S-NPP	29.81680	77.31246	13:09:21	D	2.20
336	SHARANPUR	NAKUR	S-NPP	29.82120	77.24139	13:09:21	D	1.80
337	SHARANPUR	NAKUR	S-NPP	30.01135	77.38795	13:09:21	D	1.70
338	SHARANPUR	NAKUR	AQUA	29.71900	77.21100	14:25:14	D	4.40
339	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.73353	77.56498	13:09:21	D	2.70
340	SHARANPUR	RAMPUR MANIHARRAN	AQUA	29.65700	77.57100	14:25:14	D	5.90
341	SHARANPUR	SHARANPUR	S-NPP	29.94069	77.73187	13:09:21	D	3.40
342	SHARANPUR	SHARANPUR	S-NPP	29.94417	77.68987	13:09:21	D	5.00
343	SHRAWASTI	BHINGA	S-NPP	27.72486	82.06695	13:09:21	D	2.20
344	SHRAWASTI	BHINGA	S-NPP	27.72820	82.06635	13:09:21	D	2.20
345	SIDDHARTHANAGAR	BANSI	S-NPP	27.13144	82.86254	13:09:21	D	1.60
346	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.15820	82.63541	13:09:21	D	2.30
347	SIDDHARTHANAGAR	ITWA	S-NPP	27.35083	82.51971	13:09:21	D	3.60
348	SIDDHARTHANAGAR	ITWA	S-NPP	27.35667	82.63357	13:09:21	D	1.90
349	SIDDHARTHANAGAR	ITWA	S-NPP	27.35709	82.56366	13:09:21	D	2.40
350	SIDDHARTHANAGAR	ITWA	S-NPP	27.36615	82.60310	13:09:21	D	2.30
351	SIDDHARTHANAGAR	ITWA	S-NPP	27.37003	82.58189	13:09:21	D	3.10
352	SIDDHARTHANAGAR	ITWA	S-NPP	27.38069	82.58410	13:09:21	D	2.50
353	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	27.40557	83.05768	13:09:21	D	4.30
354	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	27.45869	82.93967	13:09:21	D	1.40
355	SITAPUR	LAHARPUR	S-NPP	27.63991	81.04430	13:09:21	D	4.50
356	SITAPUR	LAHARPUR	S-NPP	27.68716	80.80036	13:09:21	D	2.40
357	SITAPUR	LAHARPUR	S-NPP	27.68776	80.80424	13:09:21	D	3.20
358	SITAPUR	LAHARPUR	S-NPP	27.85777	80.96317	13:09:21	D	3.90
359	SITAPUR	MISRIK	S-NPP	27.43505	80.46438	13:09:21	D	7.40
360	SITAPUR	MISRIK	S-NPP	27.46220	80.65944	13:09:21	D	2.30

361	SITAPUR	MISRIK	S-NPP	27.56296	80.35059	13:09:21	D	2.70
362	SITAPUR	MISRIK	S-NPP	27.57599	80.36814	13:09:21	D	2.40
363	SULTANPUR	JAISINGHPUR	S-NPP	26.27509	82.31789	13:09:21	D	2.90
364	SULTANPUR	JAISINGHPUR	S-NPP	26.38344	82.18687	13:09:21	D	2.40
365	SULTANPUR	KADIRPUR	S-NPP	26.14617	82.52856	13:09:21	D	3.80
366	SULTANPUR	KADIRPUR	S-NPP	26.18824	82.44108	13:09:21	D	7.10
367	SULTANPUR	KADIRPUR	S-NPP	26.20997	82.50534	13:09:21	D	2.90
368	SULTANPUR	KADIRPUR	S-NPP	26.23414	82.36511	13:09:21	D	1.60
369	UNNAO	BIGHAPUR	S-NPP	26.40610	80.75127	13:09:21	D	2.20
370	UNNAO	HASANGANJ	S-NPP	26.65744	80.62283	13:09:21	D	6.50
371	UNNAO	HASANGANJ	S-NPP	26.66075	80.62218	13:09:21	D	3.70
372	UNNAO	HASANGANJ	S-NPP	26.66346	80.61766	13:09:21	D	3.70
373	UNNAO	HASANGANJ	S-NPP	26.66771	80.64478	13:09:21	D	3.70

Details of residue burning events in Rajasthan on 30-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	GANGANAGAR	SURATGARH	S-NPP	29.37422	73.96659	13:09:21	D	4.80
2	HANUMANGARH	HANUMANGARH	S-NPP	29.58735	74.27875	13:09:21	D	5.80
3	HANUMANGARH	HANUMANGARH	S-NPP	29.59900	74.37758	13:09:21	D	4.70
4	HANUMANGARH	HANUMANGARH	S-NPP	29.59985	74.38175	13:09:21	D	10.50
5	HANUMANGARH	PILIBANGA	S-NPP	29.60821	74.08356	13:09:21	D	4.60
6	HANUMANGARH	PILIBANGA	AQUA	29.38800	74.00900	14:25:14	D	6.50
7	HANUMANGARH	TIBI	S-NPP	29.63078	74.49157	13:09:21	D	3.30
8	HANUMANGARH	TIBI	AQUA	29.58300	74.41700	14:25:14	D	33.50
9	HANUMANGARH	TIBI	AQUA	29.58500	74.42800	14:25:14	D	3.90
10	HANUMANGARH	TIBI	AQUA	29.59400	74.42600	14:25:14	D	8.50

Details of residue burning events in Madhya Pradesh on 30-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.49714	77.72117	13:09:21	D	3.60
2	ASHOKNAGAR	CHANDERI	S-NPP	24.59602	77.93036	13:09:21	D	2.60
3	BALAGHAT	LALBURRA	S-NPP	22.02164	80.07079	13:09:21	D	2.00
4	BHIND	GOHAD	S-NPP	26.42089	78.29488	13:09:21	D	3.10
5	BHIND	GOHAD	S-NPP	26.50016	78.35116	13:09:21	D	5.70
6	BHIND	GOHAD	S-NPP	26.50444	78.35480	13:09:21	D	2.30
7	CHHINDWARA	CHAURAI	S-NPP	21.90287	79.07950	13:09:21	D	1.90
8	CHHINDWARA	JAMAI	S-NPP	22.03671	78.36710	13:09:21	D	2.60
9	CHHINDWARA	PARASIA	S-NPP	22.27958	78.96398	01:59:22	N	0.50
10	DATIA	DATIA	S-NPP	25.56933	78.34135	13:09:21	D	3.60
11	DATIA	DATIA	S-NPP	25.71329	78.31159	13:09:21	D	4.40
12	DATIA	DATIA	S-NPP	25.71684	78.31084	13:09:21	D	4.40
13	DATIA	DATIA	AQUA	25.70800	78.35700	14:25:14	D	4.50
14	DATIA	SEONDHA	S-NPP	25.81863	78.47930	13:09:21	D	1.90
15	DATIA	SEONDHA	S-NPP	25.97707	78.68251	13:09:21	D	2.90
16	DATIA	SEONDHA	S-NPP	26.01011	78.62170	13:09:21	D	3.90
17	GWALIOR	BHITARWAR	S-NPP	25.71749	78.09618	13:09:21	D	4.40
18	GWALIOR	BHITARWAR	S-NPP	25.72478	78.03275	13:09:21	D	7.90
19	GWALIOR	BHITARWAR	S-NPP	25.72875	78.11742	13:09:21	D	8.10
20	GWALIOR	BHITARWAR	S-NPP	25.73918	78.02964	13:09:21	D	3.40
21	GWALIOR	BHITARWAR	S-NPP	25.73951	78.11512	13:09:21	D	4.70
22	GWALIOR	BHITARWAR	S-NPP	25.74459	78.08090	13:09:21	D	2.30
23	GWALIOR	BHITARWAR	S-NPP	25.74749	78.11813	13:09:21	D	2.70
24	GWALIOR	BHITARWAR	S-NPP	25.81486	77.99166	13:09:21	D	3.80
25	GWALIOR	BHITARWAR	S-NPP	25.83502	78.02070	13:09:21	D	3.50
26	GWALIOR	BHITARWAR	S-NPP	25.84695	78.00381	13:09:21	D	2.60
27	GWALIOR	BHITARWAR	S-NPP	25.84809	78.09387	13:09:21	D	5.10
28	GWALIOR	BHITARWAR	S-NPP	25.95462	78.20420	13:09:21	D	5.60
29	GWALIOR	BHITARWAR	S-NPP	25.95738	78.19894	13:09:21	D	4.50

30	GWALIOR	BHITARWAR	S-NPP	25.95818	78.20345	13:09:21	D	5.60
31	GWALIOR	BHITARWAR	S-NPP	25.96175	78.20269	13:09:21	D	4.80
32	GWALIOR	BHITARWAR	S-NPP	25.96734	78.23416	13:09:21	D	2.90
33	GWALIOR	BHITARWAR	S-NPP	25.97440	78.19064	13:09:21	D	5.10
34	GWALIOR	BHITARWAR	S-NPP	25.97985	78.13785	13:09:21	D	3.30
35	GWALIOR	BHITARWAR	AQUA	25.75200	78.20200	14:25:14	D	5.00
36	GWALIOR	BHITARWAR	AQUA	25.84200	78.00000	14:25:14	D	4.50
37	GWALIOR	BHITARWAR	AQUA	25.94900	78.22600	14:25:14	D	6.00
38	GWALIOR	BHITARWAR	AQUA	25.96800	78.23200	14:25:14	D	5.60
39	GWALIOR	BHITARWAR	AQUA	25.97300	78.19600	14:25:14	D	6.60
40	GWALIOR	DABRA	S-NPP	25.87188	78.24847	13:09:21	D	3.70
41	GWALIOR	DABRA	S-NPP	25.87427	78.26193	13:09:21	D	4.50
42	GWALIOR	DABRA	S-NPP	25.87506	78.26641	13:09:21	D	5.50
43	GWALIOR	DABRA	S-NPP	25.89007	78.22591	13:09:21	D	5.00
44	GWALIOR	DABRA	S-NPP	25.89363	78.22516	13:09:21	D	2.20
45	GWALIOR	DABRA	S-NPP	25.90313	78.23714	13:09:21	D	2.30
46	GWALIOR	DABRA	S-NPP	25.90351	78.26033	13:09:21	D	3.20
47	GWALIOR	DABRA	S-NPP	25.90707	78.25956	13:09:21	D	1.50
48	GWALIOR	DABRA	S-NPP	25.90748	78.24088	13:09:21	D	6.40
49	GWALIOR	DABRA	S-NPP	25.90823	78.28716	13:09:21	D	6.70
50	GWALIOR	DABRA	S-NPP	25.91261	78.24908	13:09:21	D	6.70
51	GWALIOR	DABRA	S-NPP	25.91335	78.29534	13:09:21	D	3.60
52	GWALIOR	DABRA	S-NPP	25.91936	78.22434	13:09:21	D	12.60
53	GWALIOR	DABRA	S-NPP	25.92202	78.30276	13:09:21	D	6.20
54	GWALIOR	DABRA	S-NPP	25.92292	78.22357	13:09:21	D	4.90
55	GWALIOR	DABRA	S-NPP	25.93786	78.26691	13:09:21	D	5.40
56	GWALIOR	DABRA	S-NPP	25.95408	78.25416	13:09:21	D	4.90
57	GWALIOR	DABRA	S-NPP	25.95631	78.25513	13:09:21	D	3.80
58	GWALIOR	DABRA	S-NPP	25.95919	78.26237	13:09:21	D	4.00
59	GWALIOR	DABRA	S-NPP	25.95997	78.26685	13:09:21	D	3.30
60	GWALIOR	DABRA	S-NPP	25.96107	78.29446	13:09:21	D	2.80
61	GWALIOR	DABRA	S-NPP	25.96146	78.26331	13:09:21	D	7.60
62	GWALIOR	DABRA	S-NPP	25.96352	78.26609	13:09:21	D	3.30

63	GWALIOR	DABRA	S-NPP	25.99265	78.29373	13:09:21	D	2.90
64	GWALIOR	DABRA	S-NPP	25.99620	78.29298	13:09:21	D	2.90
65	GWALIOR	DABRA	AQUA	25.87100	78.20600	14:25:14	D	6.40
66	GWALIOR	DABRA	AQUA	25.88700	78.23600	14:25:14	D	7.90
67	GWALIOR	DABRA	AQUA	25.92300	78.30100	14:25:14	D	4.70
68	GWALIOR	DABRA	AQUA	25.97900	78.31200	14:25:14	D	4.20
69	GWALIOR	DABRA	AQUA	25.98300	78.26500	14:25:14	D	4.70
70	GWALIOR	GWALIOR	AQUA	25.97900	78.04400	14:25:14	D	4.60
71	HOSHANGABAD	PIPARIYA	S-NPP	22.66830	78.29316	13:09:21	D	3.10
72	HOSHANGABAD	PIPARIYA	S-NPP	22.82346	78.33715	13:09:21	D	2.00
73	HOSHANGABAD	PIPARIYA	S-NPP	22.82394	78.33397	13:09:21	D	3.50
74	HOSHANGABAD	SEONI MALWA	S-NPP	22.37867	77.38087	13:09:21	D	3.70
75	HOSHANGABAD	SOHAGPUR	S-NPP	22.78978	78.25488	13:09:21	D	4.30
76	HOSHANGABAD	SOHAGPUR	S-NPP	22.80541	78.17336	01:59:22	N	0.90
77	JABALPUR	JABALPUR	S-NPP	23.10959	80.03065	13:09:21	D	3.00
78	JABALPUR	JABALPUR	S-NPP	23.13622	80.08390	13:09:21	D	2.60
79	JABALPUR	JABALPUR	S-NPP	23.16415	79.82625	13:09:21	D	1.50
80	JABALPUR	JABALPUR	S-NPP	23.29972	79.88071	13:09:21	D	12.20
81	JABALPUR	JABALPUR	S-NPP	23.30160	79.88146	13:09:21	D	8.20
82	JABALPUR	JABALPUR	S-NPP	23.32293	79.90254	13:09:21	D	5.60
83	JABALPUR	JABALPUR	S-NPP	23.36826	79.91890	13:09:21	D	2.50
84	JABALPUR	JABALPUR	S-NPP	23.37169	79.91823	13:09:21	D	5.80
85	JABALPUR	JABALPUR	S-NPP	23.38199	79.91620	13:09:21	D	5.50
86	JABALPUR	JABALPUR	S-NPP	23.39567	79.93452	13:09:21	D	4.20
87	JABALPUR	JABALPUR	AQUA	23.23200	79.84600	14:25:14	D	12.90
88	JABALPUR	JABALPUR	AQUA	23.26100	79.86700	14:25:14	D	8.20
89	JABALPUR	JABALPUR	AQUA	23.34100	79.98100	14:25:14	D	8.40
90	JABALPUR	JABALPUR	AQUA	23.36800	79.90700	14:25:14	D	6.90
91	JABALPUR	MAJHOULI	S-NPP	23.38796	79.99467	13:09:21	D	4.00
92	JABALPUR	MAJHOULI	S-NPP	23.46002	79.90156	13:09:21	D	2.50
93	JABALPUR	MAJHOULI	S-NPP	23.52076	79.99014	13:09:21	D	3.50
94	JABALPUR	MAJHOULI	S-NPP	23.53711	80.00363	13:09:21	D	3.20
95	JABALPUR	MAJHOULI	AQUA	23.45900	79.97100	14:25:14	D	5.90

96	JABALPUR	MAJHOULI	AQUA	23.49000	80.06200	14:25:14	D	4.90
97	JABALPUR	MAJHOULI	AQUA	23.51900	79.93000	14:25:14	D	7.00
98	JABALPUR	MAJHOULI	AQUA	23.53100	79.94900	14:25:14	D	6.40
99	JABALPUR	PATAN	S-NPP	23.20327	79.79380	13:09:21	D	2.60
100	JABALPUR	PATAN	S-NPP	23.20397	79.79792	13:09:21	D	7.20
101	JABALPUR	PATAN	S-NPP	23.20471	79.84444	13:09:21	D	2.00
102	JABALPUR	PATAN	S-NPP	23.20673	79.79312	13:09:21	D	4.40
103	JABALPUR	PATAN	S-NPP	23.20742	79.79724	13:09:21	D	7.50
104	JABALPUR	PATAN	S-NPP	23.21778	79.79520	13:09:21	D	2.90
105	JABALPUR	PATAN	S-NPP	23.21832	79.67122	13:09:21	D	4.90
106	JABALPUR	PATAN	S-NPP	23.21918	79.82465	13:09:21	D	6.00
107	JABALPUR	PATAN	S-NPP	23.22953	79.84379	13:09:21	D	2.50
108	JABALPUR	PATAN	S-NPP	23.23781	79.82946	13:09:21	D	2.10
109	JABALPUR	PATAN	S-NPP	23.24126	79.82878	13:09:21	D	7.10
110	JABALPUR	PATAN	S-NPP	23.25092	79.82264	13:09:21	D	2.80
111	JABALPUR	PATAN	S-NPP	23.25715	79.79594	13:09:21	D	11.80
112	JABALPUR	PATAN	S-NPP	23.26130	79.77812	13:09:21	D	3.40
113	JABALPUR	PATAN	S-NPP	23.26203	79.71828	13:09:21	D	5.30
114	JABALPUR	PATAN	S-NPP	23.27926	79.77884	13:09:21	D	4.10
115	JABALPUR	PATAN	S-NPP	23.31259	79.84131	13:09:21	D	5.60
116	JABALPUR	PATAN	S-NPP	23.39594	79.82913	13:09:21	D	4.10
117	JABALPUR	PATAN	AQUA	23.21000	79.68400	14:25:14	D	10.50
118	JABALPUR	PATAN	AQUA	23.21400	79.78700	14:25:14	D	5.00
119	JABALPUR	PATAN	AQUA	23.25900	79.71200	14:25:14	D	9.10
120	JABALPUR	PATAN	AQUA	23.26000	79.72200	14:25:14	D	6.30
121	JABALPUR	PATAN	AQUA	23.26000	79.85700	14:25:14	D	18.60
122	JABALPUR	PATAN	AQUA	23.30700	79.79700	14:25:14	D	6.20
123	JABALPUR	SAHPURA	S-NPP	23.15524	79.70860	13:09:21	D	4.90
124	JABALPUR	SAHPURA	S-NPP	23.16559	79.77068	13:09:21	D	3.80
125	JABALPUR	SAHPURA	S-NPP	23.16769	79.74038	13:09:21	D	14.20
126	JABALPUR	SAHPURA	S-NPP	23.16838	79.74452	13:09:21	D	3.80
127	JABALPUR	SAHPURA	S-NPP	23.16926	79.74084	13:09:21	D	4.40
128	JABALPUR	SAHPURA	S-NPP	23.17117	79.68911	13:09:21	D	10.20

129	JABALPUR	SAHPURA	S-NPP	23.17319	79.77343	13:09:21	D	2.20
130	JABALPUR	SAHPURA	S-NPP	23.17489	79.77385	13:09:21	D	3.40
131	JABALPUR	SAHPURA	S-NPP	23.17590	79.81119	13:09:21	D	5.00
132	JABALPUR	SAHPURA	S-NPP	23.17939	79.65313	13:09:21	D	4.80
133	JABALPUR	SAHPURA	S-NPP	23.18286	79.65245	13:09:21	D	5.70
134	JABALPUR	SAHPURA	AQUA	23.17100	79.67000	14:25:14	D	7.20
135	JABALPUR	SIHORA	S-NPP	23.40354	80.19498	13:09:21	D	1.20
136	JABALPUR	SIHORA	S-NPP	23.45669	80.17640	13:09:21	D	2.00
137	JABALPUR	SIHORA	S-NPP	23.47055	80.09146	13:09:21	D	2.30
138	JABALPUR	SIHORA	AQUA	23.39100	80.00900	14:25:14	D	3.90
139	JABALPUR	SIHORA	AQUA	23.49400	80.09400	14:25:14	D	4.00
140	KATNI	BAHURIBAND	S-NPP	23.62275	80.03715	13:09:21	D	0.90
141	KATNI	BAHURIBAND	S-NPP	23.67996	80.17114	13:09:21	D	3.30
142	KATNI	BAHURIBAND	S-NPP	23.71755	80.12267	13:09:21	D	2.80
143	KATNI	BIJERAGHOGARH	S-NPP	23.97362	80.75388	13:09:21	D	1.90
144	KATNI	DHIMERKHEDA	S-NPP	23.52624	80.25793	13:09:21	D	2.90
145	MANDLA	BACHHIYA	S-NPP	22.47644	80.43106	13:09:21	D	5.20
146	MANDLA	MANDLA	S-NPP	22.55453	80.37519	13:09:21	D	3.80
147	NARSHIMAPURA	GOTECAON	S-NPP	23.03363	79.54272	13:09:21	D	5.20
148	NARSHIMAPURA	GOTECAON	S-NPP	23.03916	79.53291	13:09:21	D	1.50
149	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.92842	79.13699	13:09:21	D	9.10
150	PANNA	PANNA	S-NPP	24.55941	80.28458	13:09:21	D	4.90
151	PANNA	PAWAI	AQUA	24.28200	80.20400	14:25:14	D	4.70
152	PANNA	PAWAI	AQUA	24.28400	80.21500	14:25:14	D	8.40
153	RAISEN	BARELI	S-NPP	22.89660	78.09117	13:09:21	D	4.90
154	RAISEN	BARELI	S-NPP	22.93608	78.22358	13:09:21	D	3.20
155	RAISEN	BARELI	S-NPP	22.95840	78.34758	13:09:21	D	2.20
156	RAISEN	BARELI	S-NPP	22.97283	78.35666	01:59:22	N	0.90
157	RAISEN	BARELI	S-NPP	22.97613	78.35728	01:59:22	N	0.90
158	RAISEN	BARELI	S-NPP	23.00126	78.28512	01:59:22	N	0.70
159	RAISEN	BARELI	S-NPP	23.00395	78.25922	13:09:21	D	2.80
160	RAISEN	BARELI	S-NPP	23.00531	78.28863	13:09:21	D	4.00
161	RAISEN	BARELI	S-NPP	23.02666	78.27926	13:09:21	D	1.70

162	RAISEN	BARELI	S-NPP	23.02959	78.24660	13:09:21	D	2.60
163	RAISEN	BARELI	S-NPP	23.03142	78.37170	13:09:21	D	1.40
164	RAISEN	BARELI	S-NPP	23.03726	78.27261	01:59:22	N	0.40
165	RAISEN	BARELI	S-NPP	23.04515	78.18372	13:09:21	D	6.60
166	RAISEN	BARELI	S-NPP	23.05345	78.18698	13:09:21	D	3.10
167	RAISEN	BARELI	S-NPP	23.06349	78.21142	01:59:22	N	0.60
168	RAISEN	GAIRATGANJ	S-NPP	23.34214	77.99757	13:09:21	D	2.70
169	RAISEN	GOHARGANJ	S-NPP	23.05490	77.68106	13:09:21	D	5.50
170	RAISEN	GOHARGANJ	S-NPP	23.12586	77.59136	13:09:21	D	3.10
171	RAISEN	RAISEN	S-NPP	23.40338	77.83932	01:59:22	N	0.70
172	RAISEN	SILVANI	S-NPP	23.22762	78.31606	13:09:21	D	3.70
173	RAISEN	UDAIPURA	S-NPP	22.98042	78.40662	13:09:21	D	3.40
174	RAISEN	UDAIPURA	S-NPP	22.99880	78.40288	13:09:21	D	3.30
175	RAISEN	UDAIPURA	S-NPP	23.07282	78.38031	13:09:21	D	2.40
176	RAISEN	UDAIPURA	S-NPP	23.07649	78.37954	13:09:21	D	2.00
177	RAISEN	UDAIPURA	S-NPP	23.09949	78.71958	13:09:21	D	2.50
178	REWA	GURH	S-NPP	24.51831	81.50436	13:09:21	D	6.40
179	REWA	HUZUR	S-NPP	24.39168	81.29732	13:09:21	D	9.40
180	REWA	HUZUR	S-NPP	24.41932	81.32784	13:09:21	D	2.50
181	REWA	HUZUR	S-NPP	24.44117	81.24951	13:09:21	D	1.50
182	REWA	SIRMAUR	S-NPP	24.67301	81.28013	13:09:21	D	4.60
183	REWA	SIRMAUR	S-NPP	24.73205	81.15936	13:09:21	D	1.70
184	REWA	SIRMAUR	S-NPP	24.83292	81.39091	13:09:21	D	1.70
185	REWA	TEONTHAR	S-NPP	24.97721	81.51659	13:09:21	D	2.30
186	REWA	TEONTHAR	S-NPP	24.97952	81.46542	13:09:21	D	2.50
187	REWA	TEONTHAR	S-NPP	24.98429	81.62782	13:09:21	D	2.80
188	REWA	TEONTHAR	S-NPP	24.98612	81.72883	13:09:21	D	1.90
189	REWA	TEONTHAR	S-NPP	24.98985	81.70866	13:09:21	D	5.80
190	REWA	TEONTHAR	S-NPP	24.99179	81.47877	13:09:21	D	2.50
191	REWA	TEONTHAR	S-NPP	24.99258	81.50594	13:09:21	D	3.60
192	REWA	TEONTHAR	S-NPP	24.99278	81.52932	13:09:21	D	9.10
193	REWA	TEONTHAR	S-NPP	24.99315	81.70805	13:09:21	D	6.30
194	REWA	TEONTHAR	S-NPP	25.00948	81.61594	13:09:21	D	1.90

195	REWA	TEONTHAR	S-NPP	25.01086	81.58057	13:09:21	D	1.30
196	REWA	TEONTHAR	S-NPP	25.02298	81.72652	13:09:21	D	2.60
197	REWA	TEONTHAR	S-NPP	25.06002	81.65732	13:09:21	D	2.50
198	REWA	TEONTHAR	S-NPP	25.06066	81.59480	13:09:21	D	2.20
199	REWA	TEONTHAR	S-NPP	25.08977	81.52280	13:09:21	D	1.60
200	SAGAR	REHLI	S-NPP	23.65081	78.98817	01:59:22	N	0.70
201	SATNA	AMARPATAN	S-NPP	24.40688	81.20506	13:09:21	D	5.90
202	SATNA	AMARPATAN	S-NPP	24.43641	81.21912	13:09:21	D	1.30
203	SATNA	MAIHAR	AQUA	24.31100	80.87900	14:25:14	D	6.30
204	SATNA	MAIHAR	AQUA	24.31200	80.89100	14:25:14	D	7.50
205	SATNA	NAGOD	S-NPP	24.50261	80.55375	13:09:21	D	3.00
206	SATNA	NAGOD	S-NPP	24.51372	80.57966	13:09:21	D	2.80
207	SATNA	NAGOD	S-NPP	24.52500	80.52138	13:09:21	D	3.40
208	SATNA	NAGOD	S-NPP	24.57169	80.70420	13:09:21	D	2.20
209	SATNA	NAGOD	S-NPP	24.58998	80.62494	13:09:21	D	2.20
210	SATNA	NAGOD	S-NPP	24.59629	80.70744	13:09:21	D	1.70
211	SATNA	NAGOD	S-NPP	24.61447	80.69200	13:09:21	D	2.00
212	SATNA	NAGOD	S-NPP	24.75372	80.59359	13:09:21	D	2.20
213	SATNA	RAGURAJNAGAR	S-NPP	24.65243	80.63696	13:09:21	D	2.30
214	SATNA	RAGURAJNAGAR	S-NPP	24.65554	80.65631	13:09:21	D	5.30
215	SATNA	RAGURAJNAGAR	S-NPP	24.72824	80.70213	13:09:21	D	1.90
216	SATNA	RAMPURBAGHLEAN	S-NPP	24.41144	80.86584	13:09:21	D	2.10
217	SATNA	RAMPURBAGHLEAN	S-NPP	24.47198	81.05950	13:09:21	D	2.30
218	SATNA	RAMPURBAGHLEAN	S-NPP	24.56080	81.01517	13:09:21	D	3.40
219	SATNA	RAMPURBAGHLEAN	S-NPP	24.56916	81.11191	13:09:21	D	1.10
220	SATNA	RAMPURBAGHLEAN	S-NPP	24.58041	81.03873	13:09:21	D	6.10
221	SATNA	RAMPURBAGHLEAN	S-NPP	24.63478	80.99304	13:09:21	D	3.50
222	SATNA	RAMPURBAGHLEAN	S-NPP	24.67527	80.98931	13:09:21	D	5.30
223	SATNA	RAMPURBAGHLEAN	S-NPP	24.67778	80.98881	13:09:21	D	6.50
224	SATNA	RAMPURBAGHLEAN	S-NPP	24.68414	81.00729	13:09:21	D	3.80
225	SATNA	RAMPURBAGHLEAN	S-NPP	24.69197	80.97036	13:09:21	D	3.90
226	SATNA	RAMPURBAGHLEAN	S-NPP	24.69828	81.15791	13:09:21	D	4.10
227	SATNA	RAMPURBAGHLEAN	S-NPP	24.70377	81.06653	13:09:21	D	2.70

228	SATNA	RAMPURBAGHLEAN	AQUA	24.68600	81.02900	14:25:14	D	6.60
229	SATNA	UCHAHAR	S-NPP	24.38927	80.83443	13:09:21	D	2.30
230	SATNA	UCHAHAR	S-NPP	24.41445	80.84152	13:09:21	D	6.60
231	SATNA	UCHAHAR	S-NPP	24.41989	80.83257	13:09:21	D	2.40
232	SATNA	UCHAHAR	S-NPP	24.44979	80.79128	13:09:21	D	7.90
233	SATNA	UCHAHAR	S-NPP	24.46481	80.86369	13:09:21	D	10.10
234	SEHORE	AASHTA	S-NPP	22.84023	76.78301	13:09:21	D	2.90
235	SEHORE	BUDHNI	S-NPP	22.86545	78.00600	13:09:21	D	8.30
236	SEHORE	BUDHNI	S-NPP	22.86610	78.00857	13:09:21	D	7.70
237	SEHORE	BUDHNI	S-NPP	22.87326	77.82975	01:59:22	N	0.80
238	SEHORE	BUDHNI	S-NPP	22.90550	77.92561	13:09:21	D	3.40
239	SEHORE	BUDHNI	S-NPP	22.90750	77.84674	01:59:22	N	0.50
240	SEHORE	BUDHNI	S-NPP	22.91699	77.90250	13:09:21	D	4.30
241	SEHORE	BUDHNI	S-NPP	22.92040	77.94314	13:09:21	D	2.80
242	SEHORE	BUDHNI	AQUA	22.78000	77.64400	14:25:14	D	7.10
243	SEHORE	BUDHNI	AQUA	22.89000	78.02400	14:25:14	D	6.20
244	SEHORE	BUDHNI	AQUA	22.91400	77.98400	14:25:14	D	4.30
245	SHIVPURI	NARWAR	S-NPP	25.54560	78.14458	13:09:21	D	2.40
246	SHIVPURI	NARWAR	S-NPP	25.59507	78.25644	13:09:21	D	2.50
247	SHIVPURI	NARWAR	S-NPP	25.60184	78.23158	13:09:21	D	4.30
248	SHIVPURI	NARWAR	S-NPP	25.61018	78.21564	13:09:21	D	4.20
249	SHIVPURI	NARWAR	S-NPP	25.62756	78.27286	13:09:21	D	2.50
250	SHIVPURI	NARWAR	S-NPP	25.63113	78.27209	13:09:21	D	2.50
251	SHIVPURI	NARWAR	S-NPP	25.63254	78.27299	13:09:21	D	3.80
252	SHIVPURI	NARWAR	S-NPP	25.63426	78.29014	13:09:21	D	3.20
253	SHIVPURI	NARWAR	S-NPP	25.63576	78.29099	13:09:21	D	3.70
254	SHIVPURI	NARWAR	S-NPP	25.63691	78.27672	13:09:21	D	3.70
255	SHIVPURI	NARWAR	S-NPP	25.63904	78.27508	13:09:21	D	6.10
256	SHIVPURI	NARWAR	S-NPP	25.68434	78.12543	13:09:21	D	3.70
257	SHIVPURI	NARWAR	S-NPP	25.69394	78.18006	13:09:21	D	3.80
258	SHIVPURI	NARWAR	S-NPP	25.69828	78.09877	13:09:21	D	7.20
259	SHIVPURI	NARWAR	S-NPP	25.70017	78.00297	13:09:21	D	2.40
260	SHIVPURI	NARWAR	S-NPP	25.70098	78.00446	13:09:21	D	2.70

261	SHIVPURI	NARWAR	S-NPP	25.70267	78.10257	13:09:21	D	6.00
262	SHIVPURI	NARWAR	S-NPP	25.71038	78.03588	13:09:21	D	2.80
263	SHIVPURI	NARWAR	S-NPP	25.71308	78.09239	13:09:21	D	4.30
264	SHIVPURI	NARWAR	S-NPP	25.71398	78.03510	13:09:21	D	5.70
265	SHIVPURI	NARWAR	S-NPP	25.71515	77.95818	13:09:21	D	5.40
266	SHIVPURI	NARWAR	S-NPP	25.71623	78.09489	13:09:21	D	7.30
267	SHIVPURI	NARWAR	S-NPP	25.71822	78.12762	13:09:21	D	3.40
268	SHIVPURI	NARWAR	S-NPP	25.71881	78.12428	13:09:21	D	4.10
269	SHIVPURI	NARWAR	S-NPP	25.73816	77.98201	13:09:21	D	4.50
270	SHIVPURI	NARWAR	AQUA	25.63400	78.27900	14:25:14	D	8.20
271	SHIVPURI	NARWAR	AQUA	25.64600	78.23700	14:25:14	D	5.40
272	SHIVPURI	NARWAR	AQUA	25.64700	78.24700	14:25:14	D	4.60
273	SHIVPURI	NARWAR	AQUA	25.68100	78.29100	14:25:14	D	5.50
274	SHIVPURI	NARWAR	AQUA	25.70200	78.10000	14:25:14	D	7.90
275	SHIVPURI	NARWAR	AQUA	25.70800	78.07900	14:25:14	D	5.30
276	SHIVPURI	NARWAR	AQUA	25.70900	78.08900	14:25:14	D	6.90
277	SHIVPURI	NARWAR	AQUA	25.71400	77.99800	14:25:14	D	8.20
278	SHIVPURI	NARWAR	AQUA	25.71700	77.95700	14:25:14	D	6.40
279	SIDHI	RAMPURNEKIN	S-NPP	24.35196	81.48011	13:09:21	D	2.10
280	SIDHI	RAMPURNEKIN	S-NPP	24.36556	81.72232	13:09:21	D	2.20
281	SIDHI	SIHAWAL	S-NPP	24.51689	82.11378	13:09:21	D	3.20
282	VIDESHA	NATERAN	S-NPP	23.72505	77.75359	01:59:22	N	0.40
283	VIDESHA	NATERAN	S-NPP	23.88909	77.85231	01:59:22	N	0.70
284	VIDESHA	NATERAN	S-NPP	23.93367	77.72345	13:09:21	D	4.20
285	VIDESHA	VIDESHA	S-NPP	23.46844	77.90259	13:09:21	D	2.40
286	WEST NIMAR	KASRAWAD	S-NPP	22.09390	75.39929	13:09:21	D	3.50

Details of residue burning events in Delhi on 30-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	NORTH	ALIPUR	S-NPP	28.83667	77.13707	01:59:22	N	0.7

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](#)
