

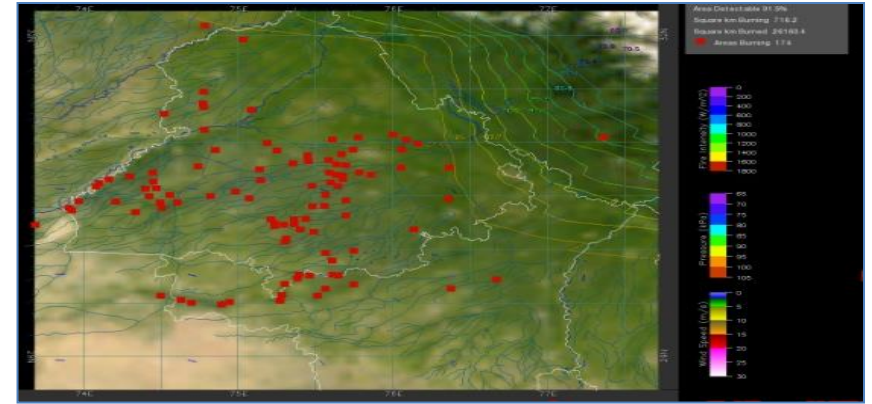
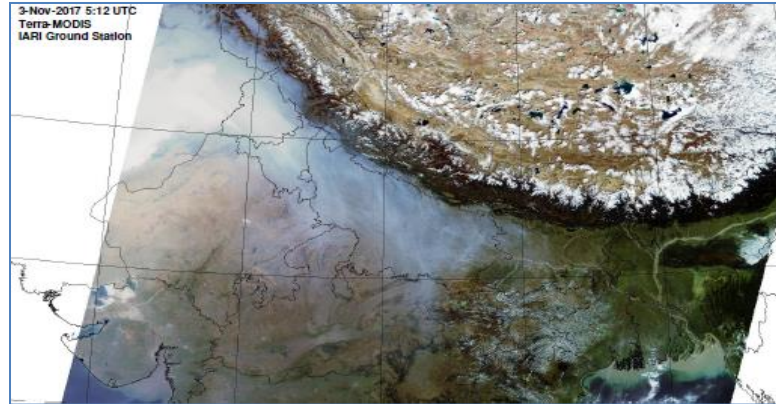


MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2024

**Bulletin
No. 68**

**Events Date:
21-Nov-2024**

**Issued on:
21-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

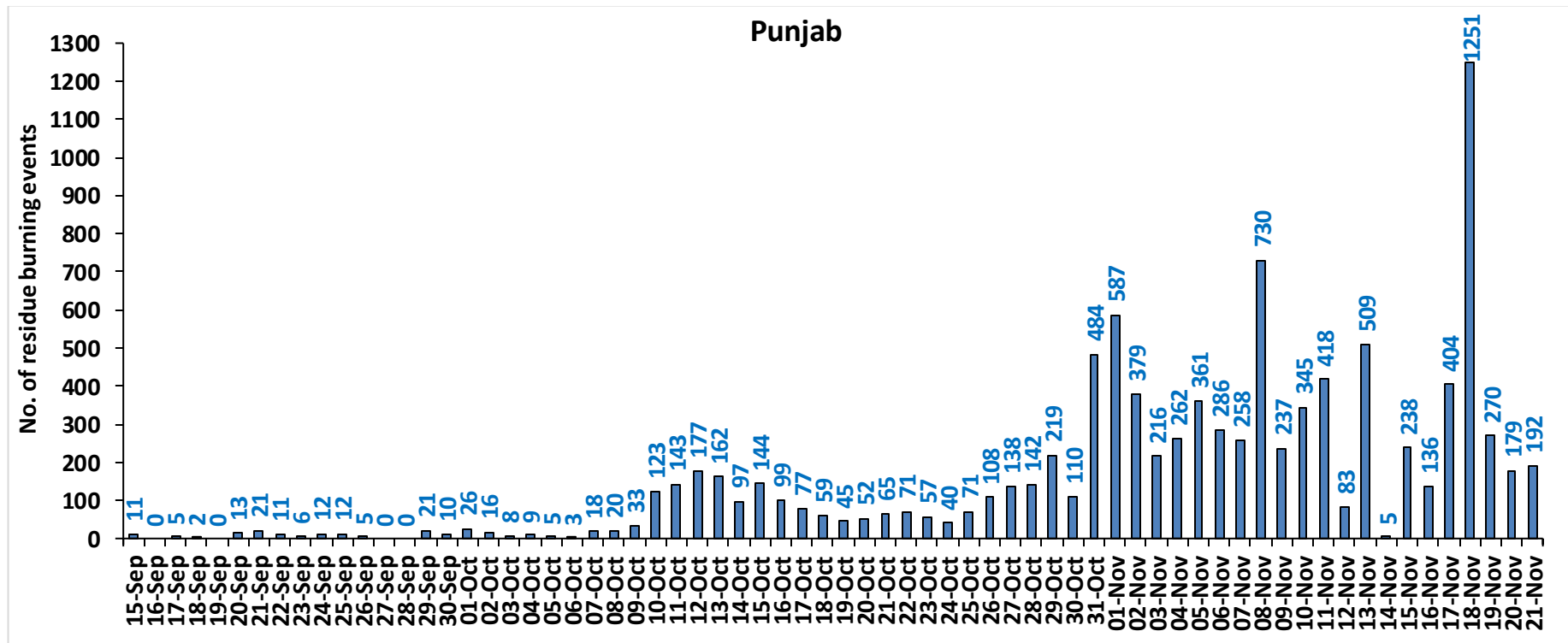
<https://creams.iari.res.in>

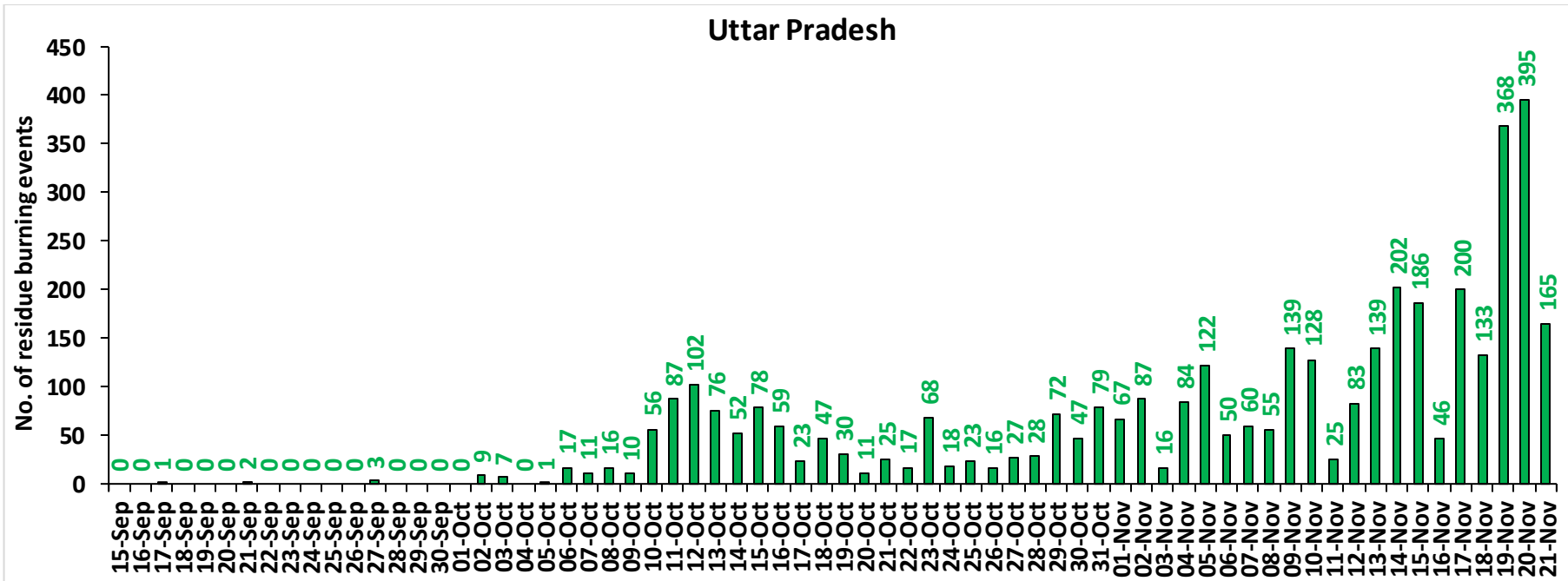
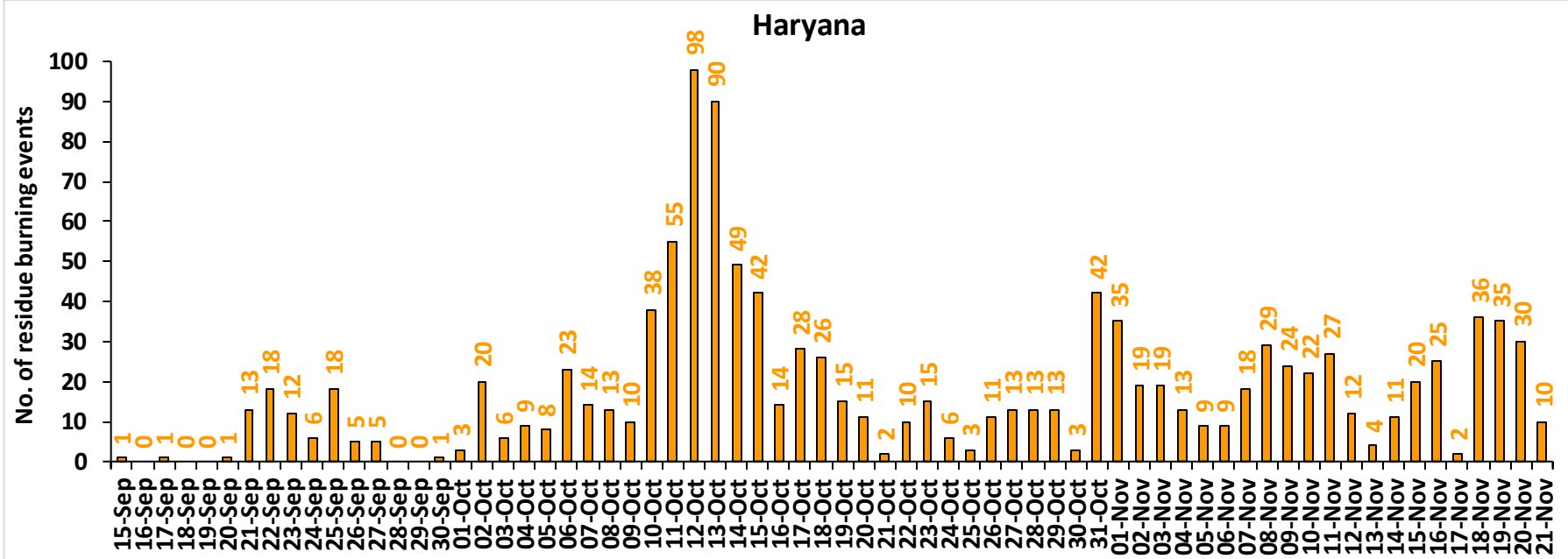


Highlights for 21-Nov-2024

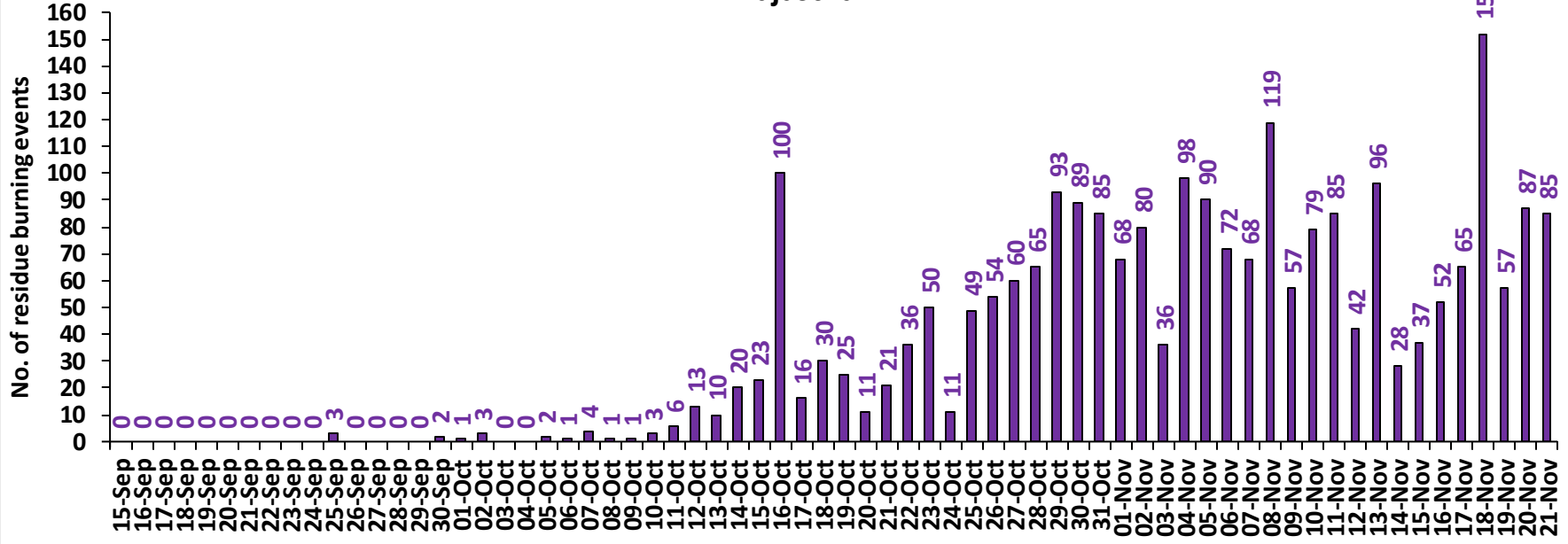
- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol " recommended by CAQM.
- Satellites detected **726** residue burning events in the six study States on **21-Nov-2024**.
- The state wise events detected on **21-Nov-2024** were **192** in Punjab, **10** in Haryana, **165** in UP, **00** in Delhi, **85** in Rajasthan and **274** in MP.
- Total **30723** burning events were detected in the six states between **15-Sept-2024** and **21-Nov-2024**, which are distributed as **10296**, **1193**, **3868**, **12**, **2441** and **12913** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

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

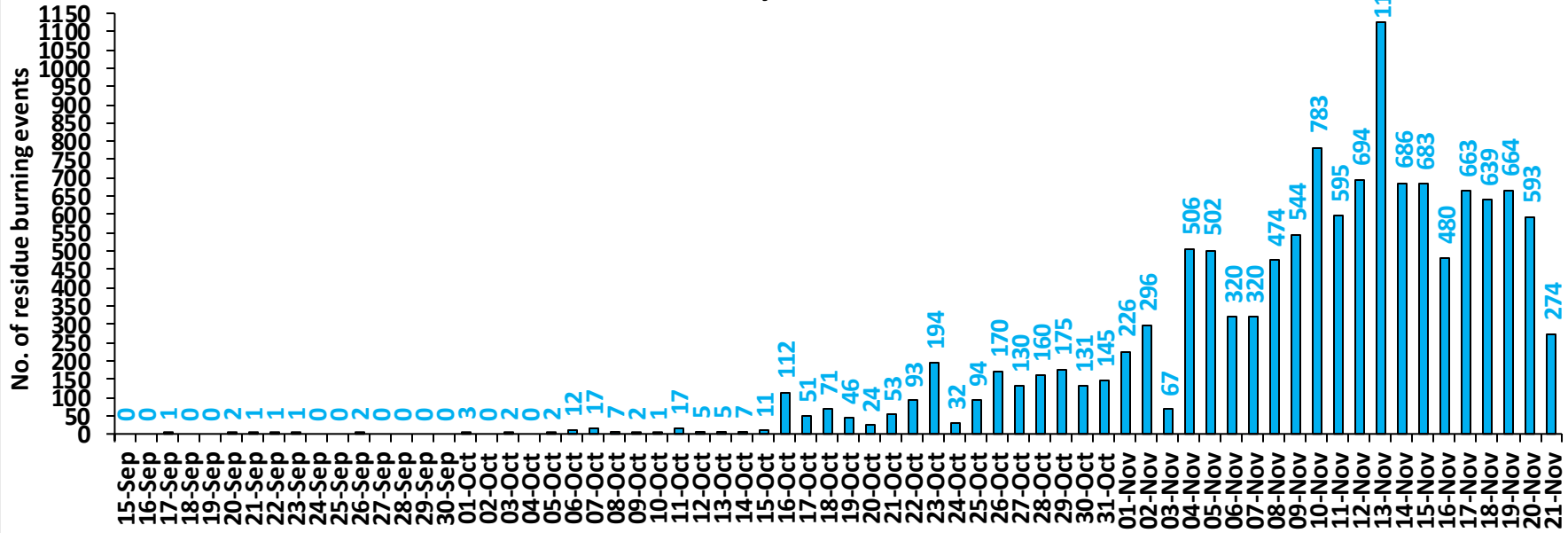




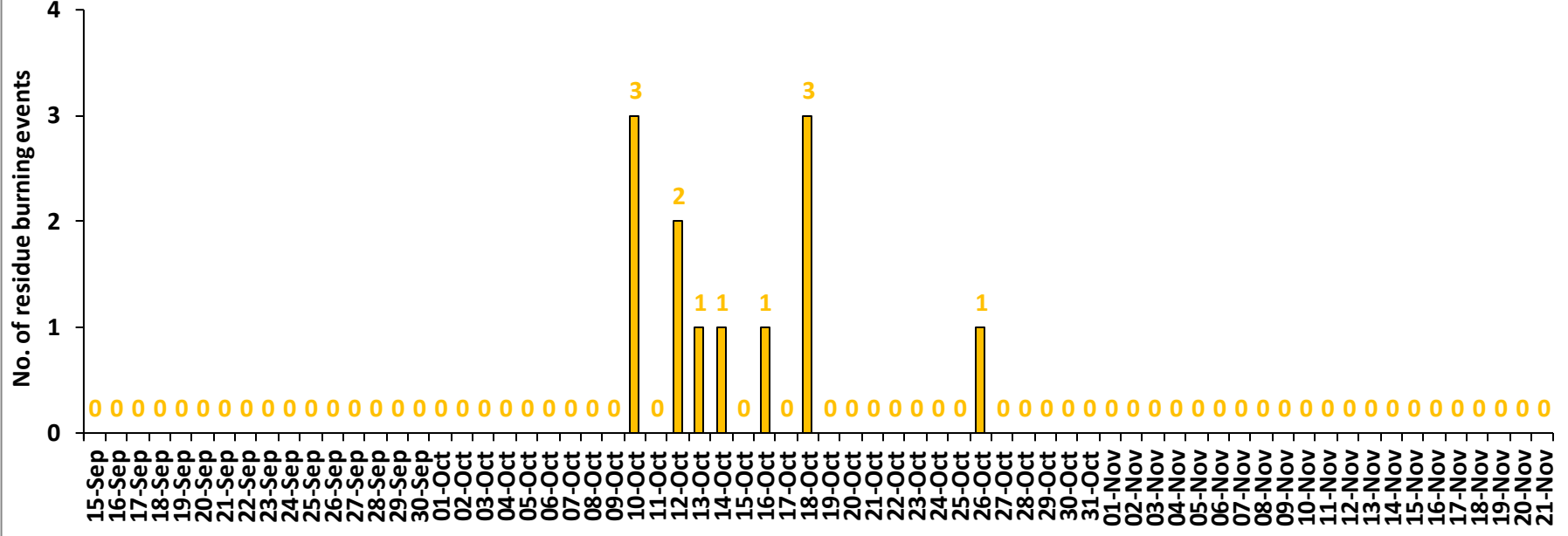
Rajasthan



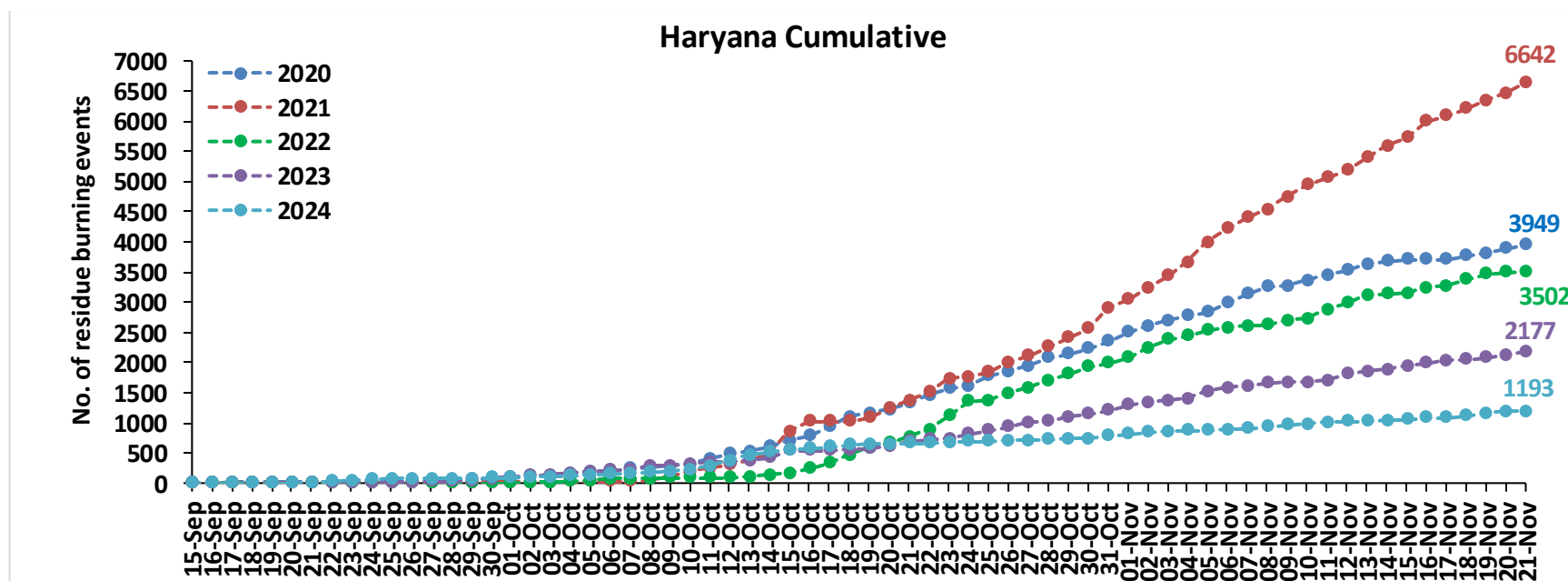
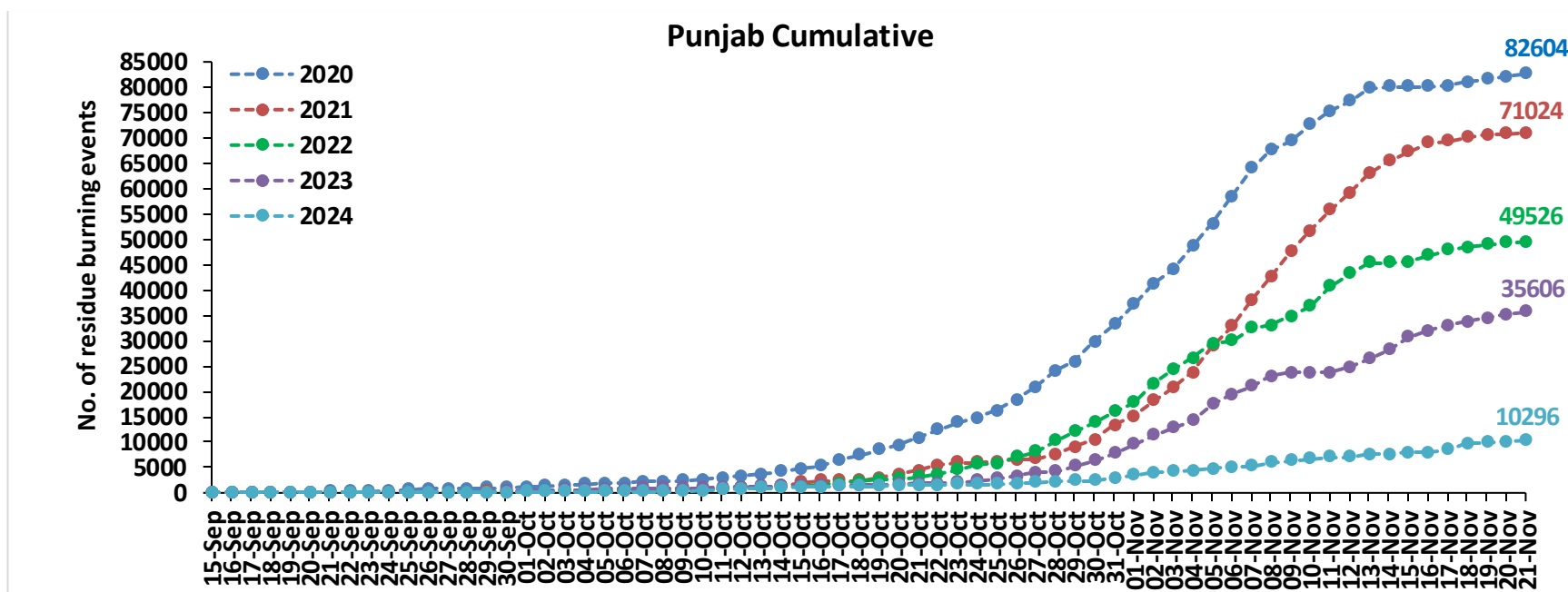
Madhya Pradesh

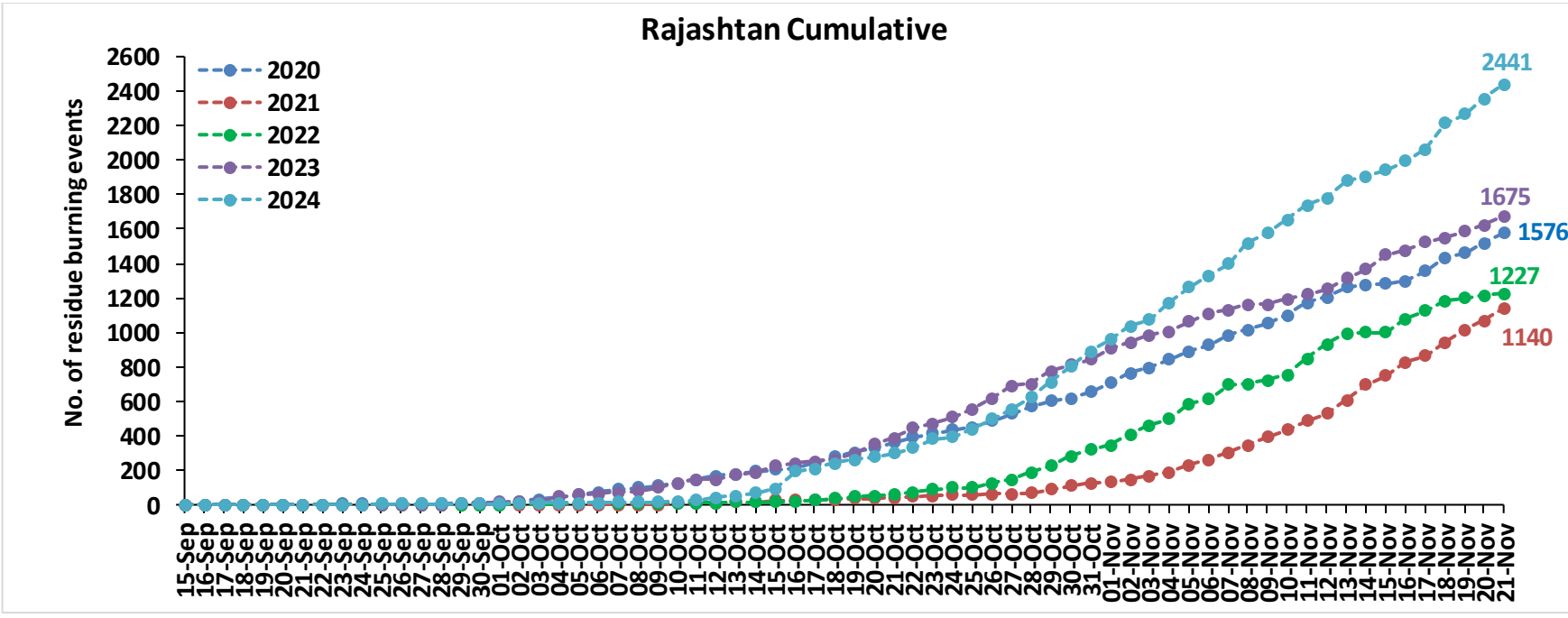
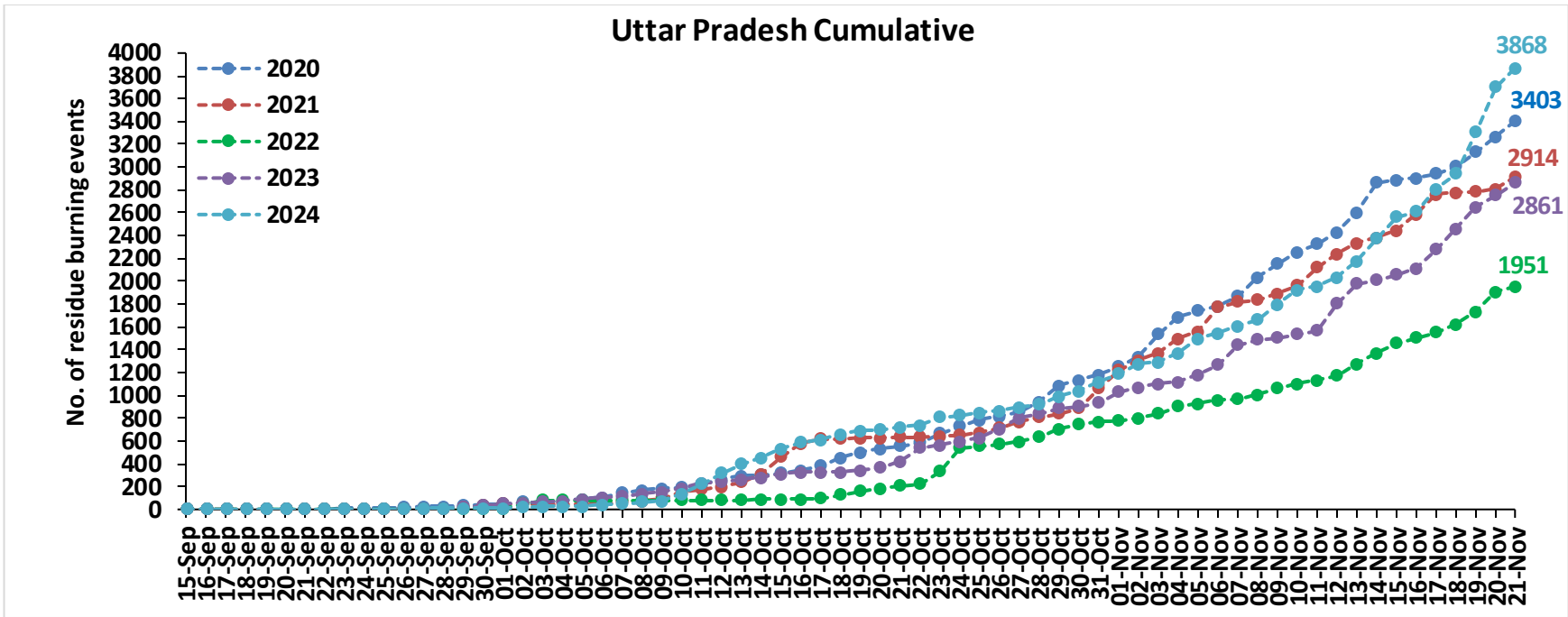


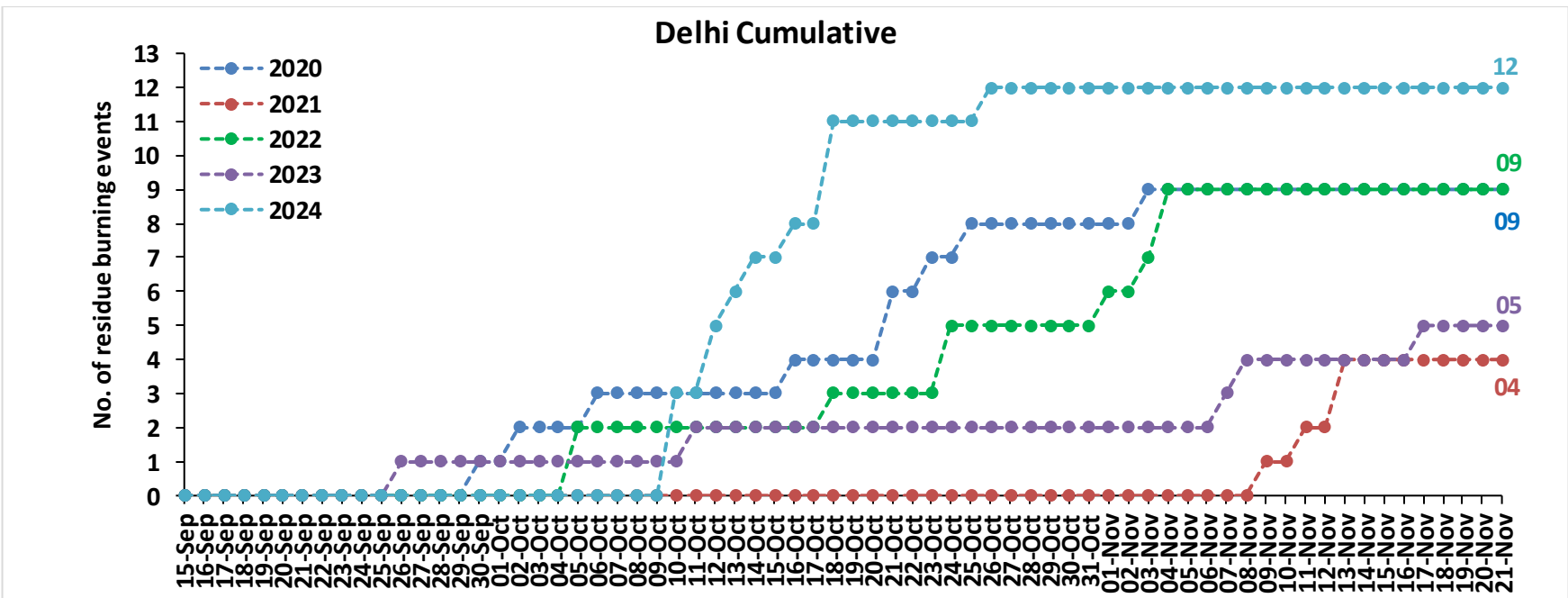
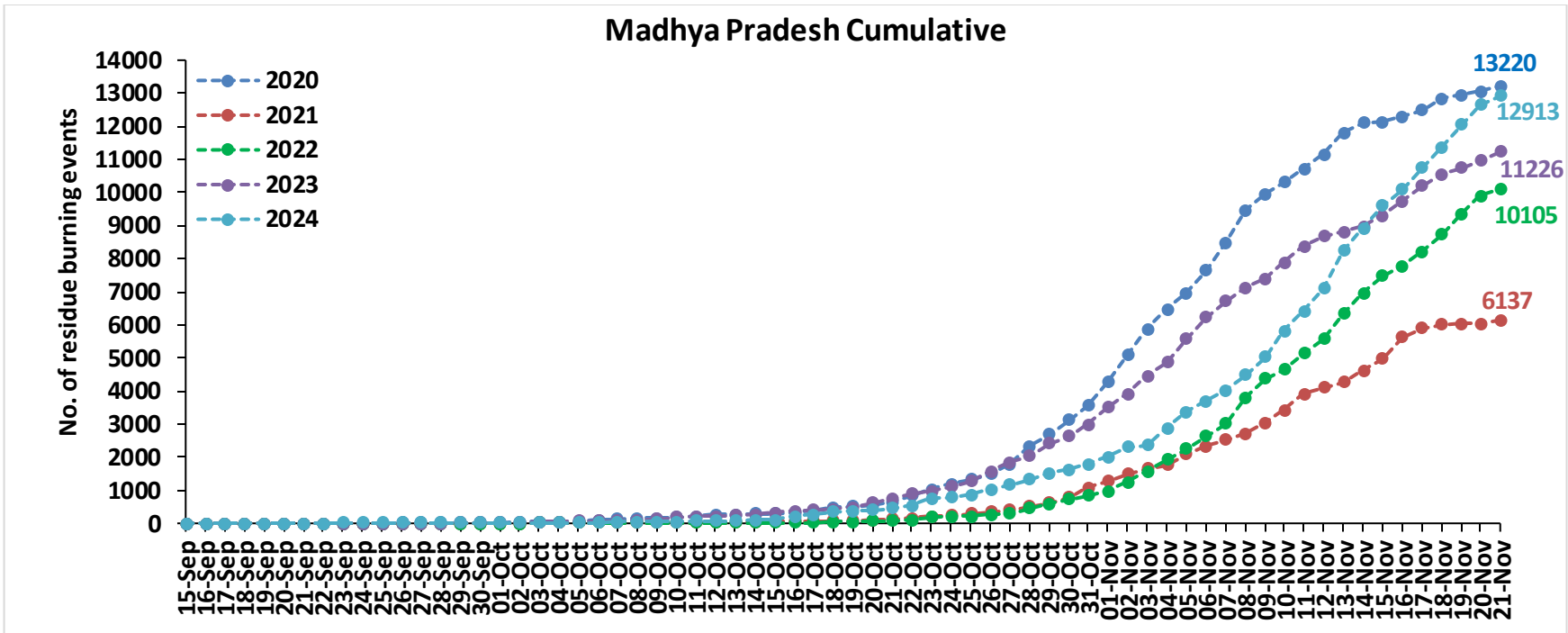
Delhi



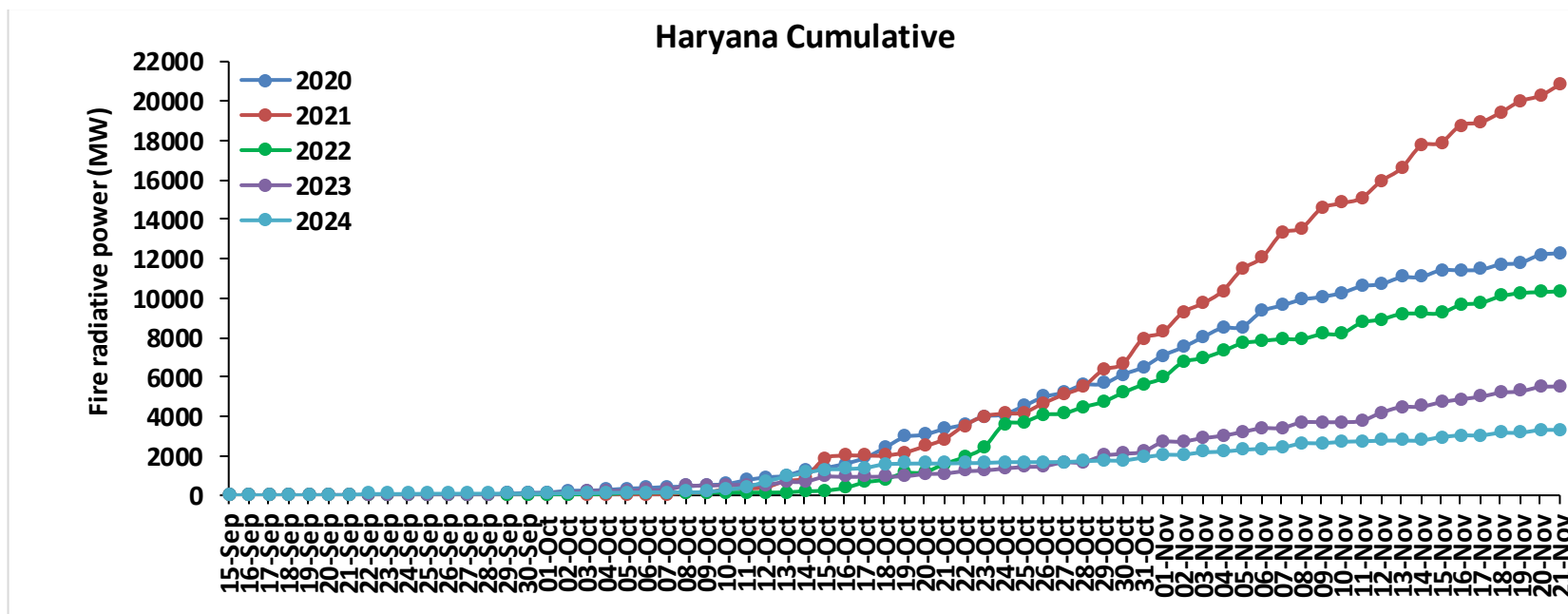
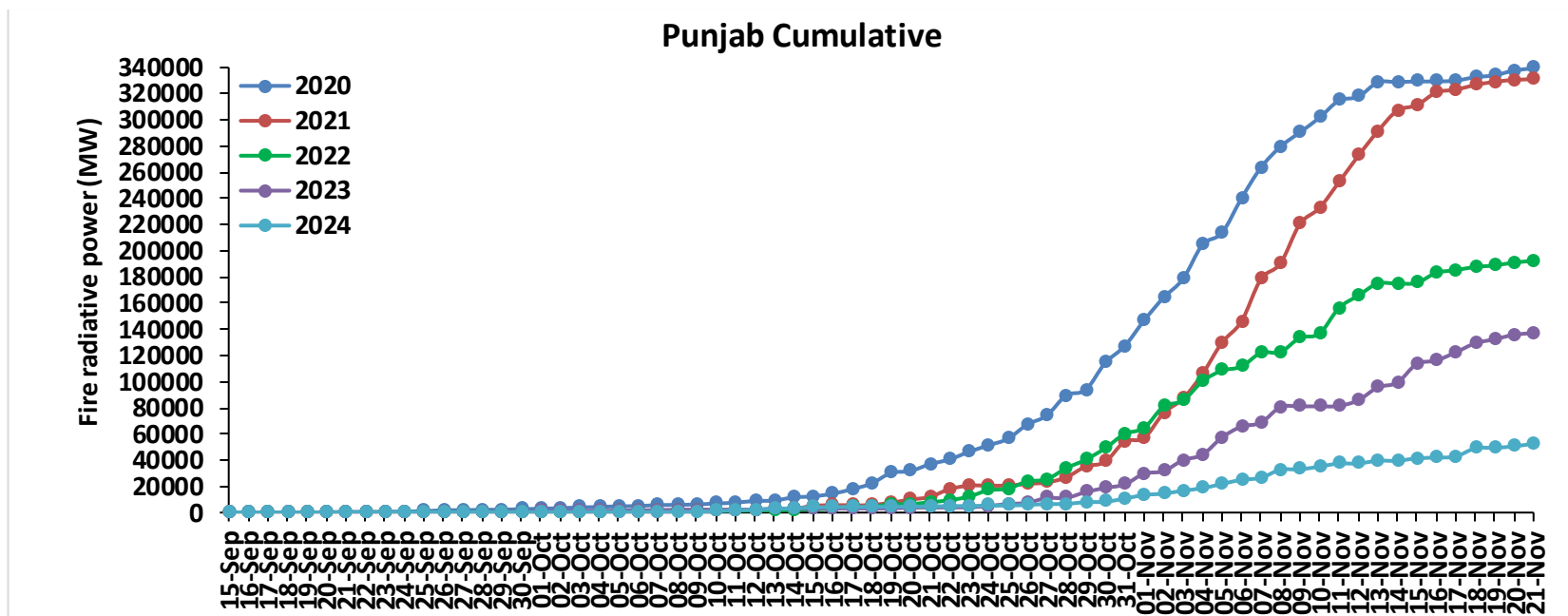
Comparison of residue burning events in current year (2024) with previous years (2020, 2021, 2022 and 2023) for the study States



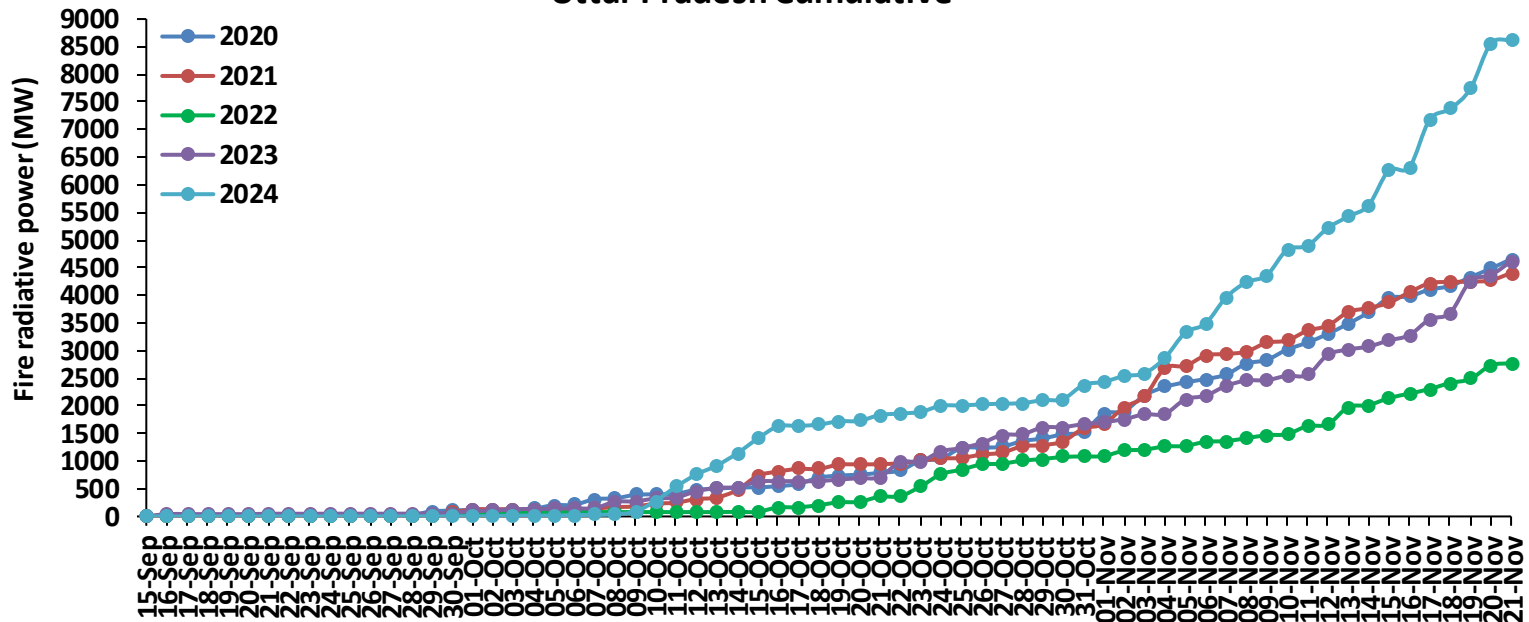




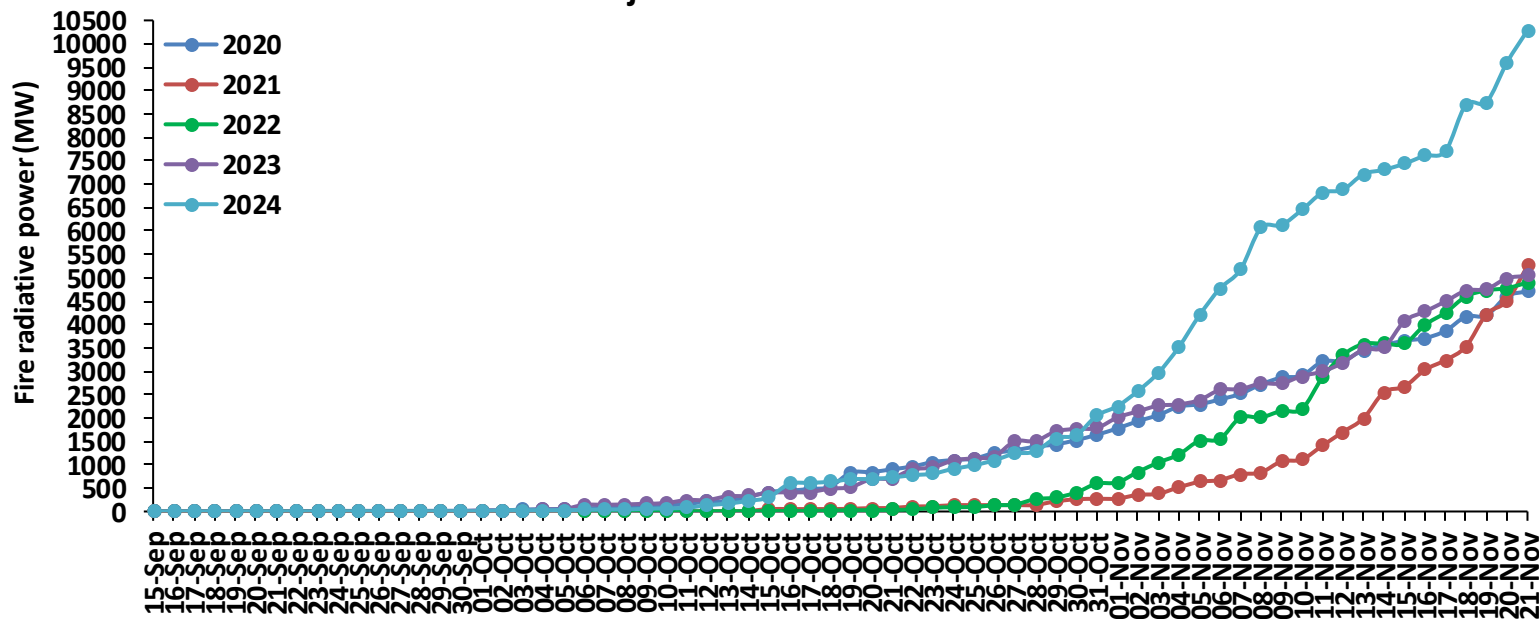
Comparison of residue burning fire power in current year (2024) with previous years (2020,2021,2022 and 2023) for the study States



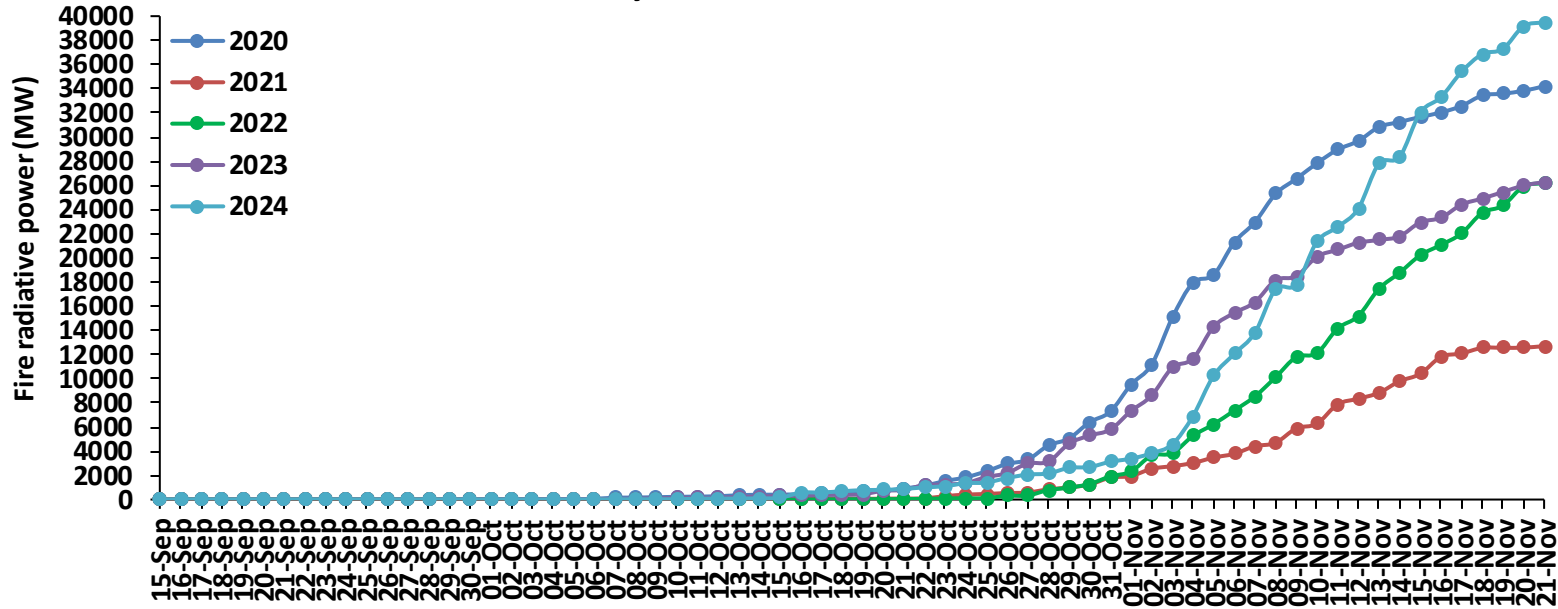
Uttar Pradesh Cumulative



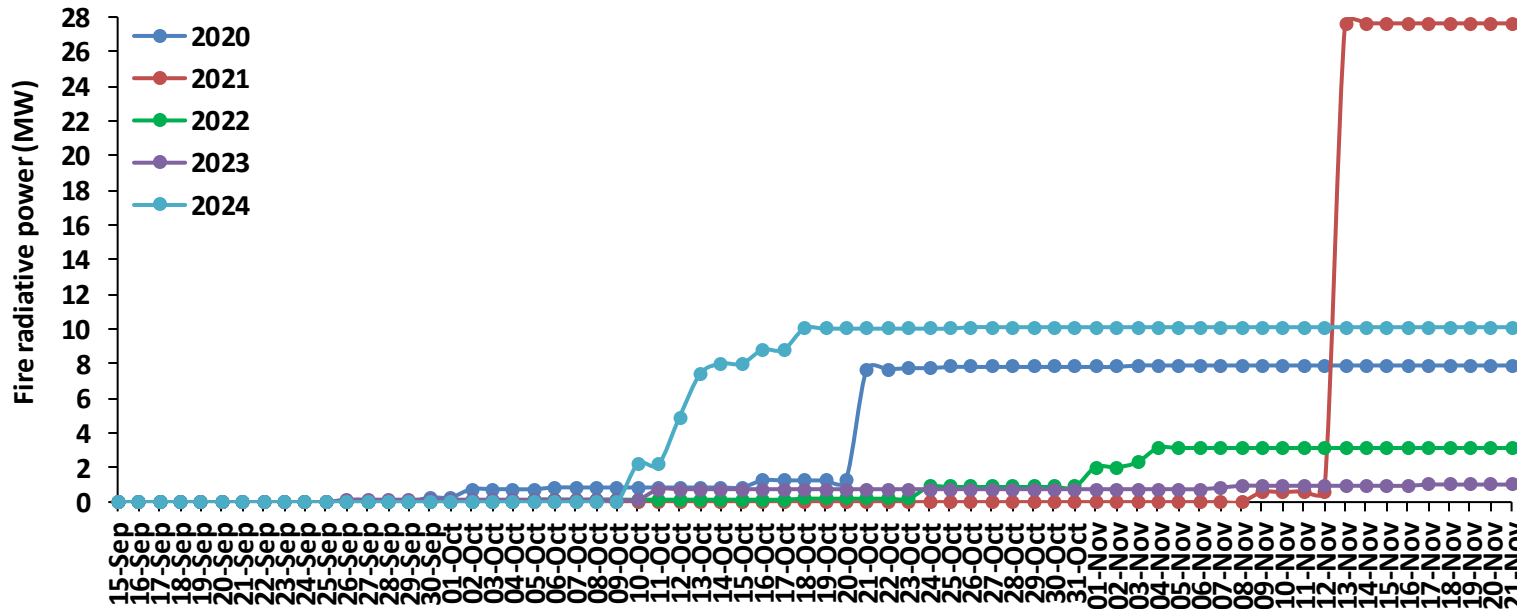
Rajasthan Cumulative



Madhya Pradesh Cumulative

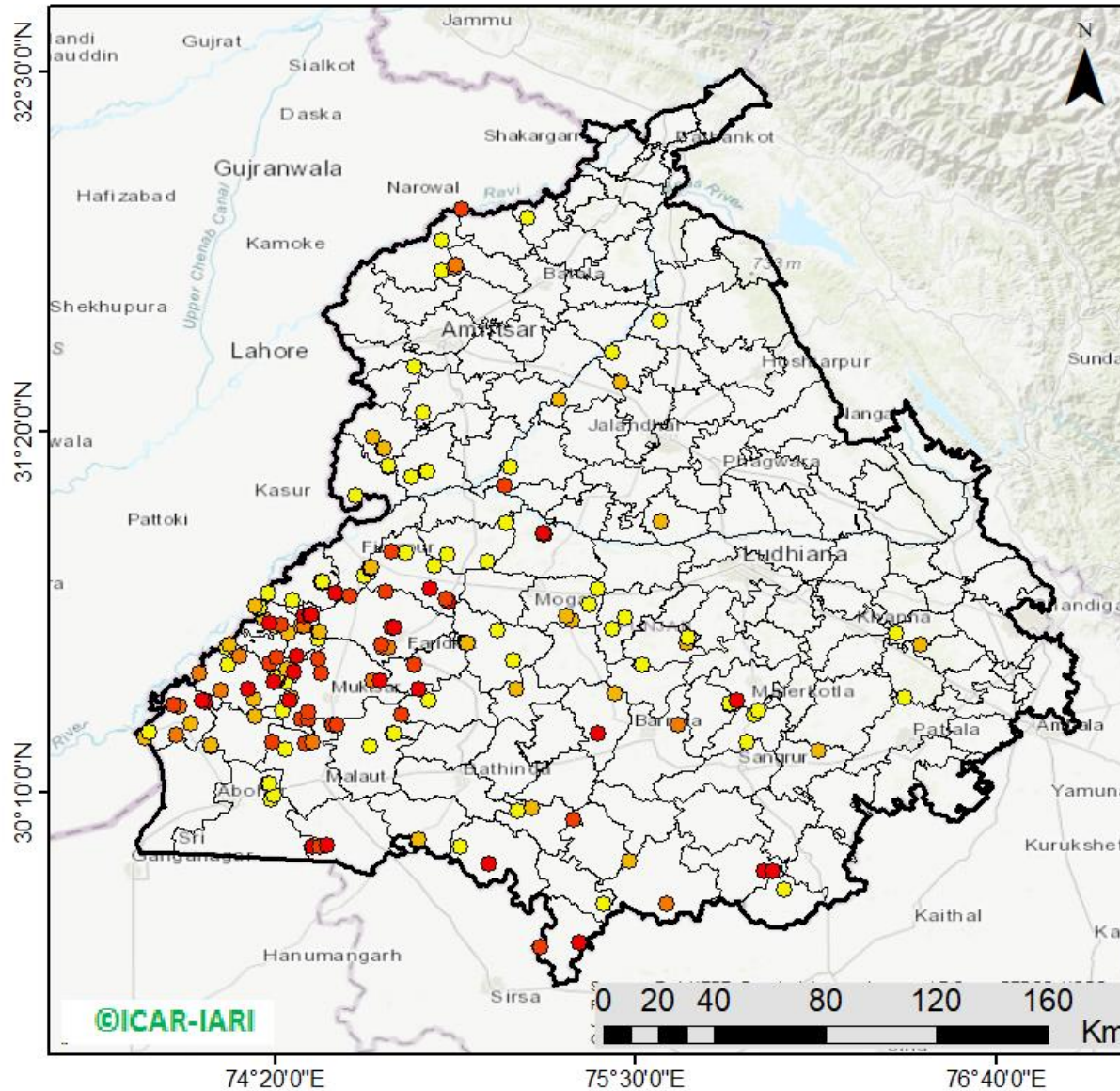


Delhi Cumulative



Punjab

RICE RESIDUE BURNING IN PUNJAB



192 burning events detected in Punjab during (21st Nov 2024)

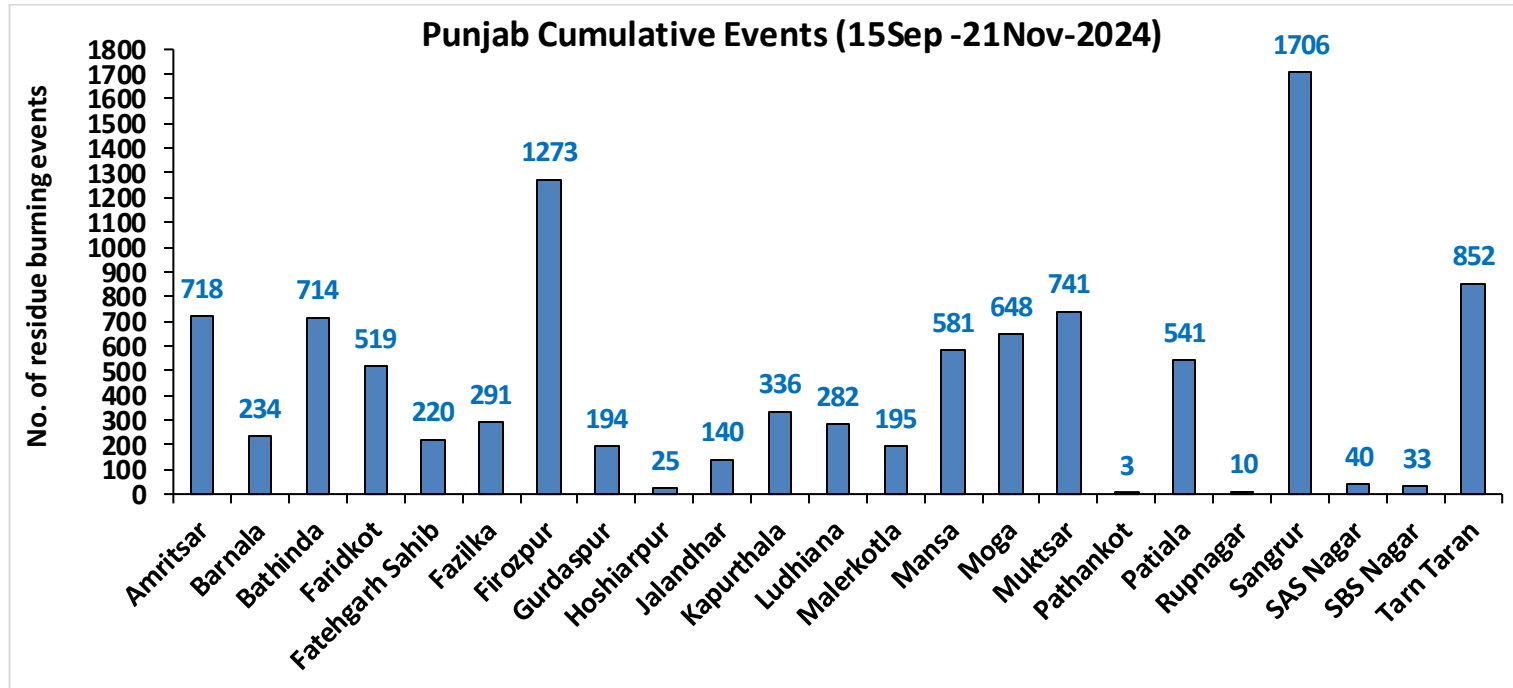
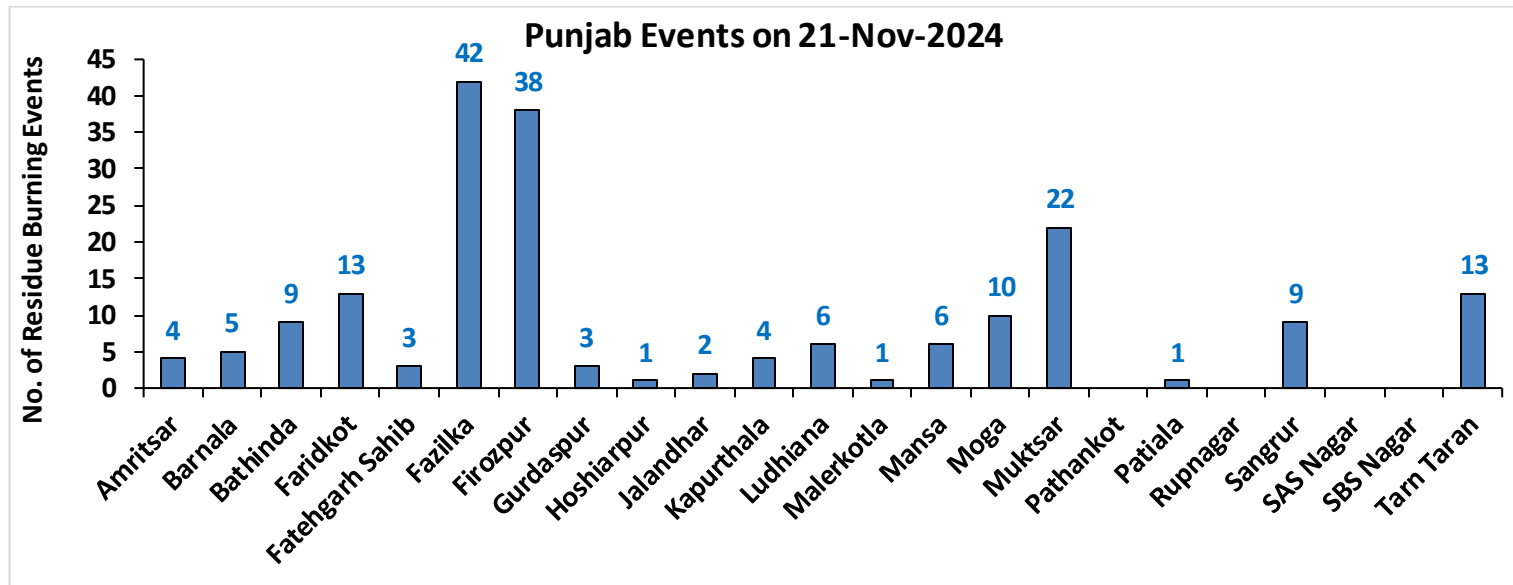
Fire Intensity (W/m²)

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



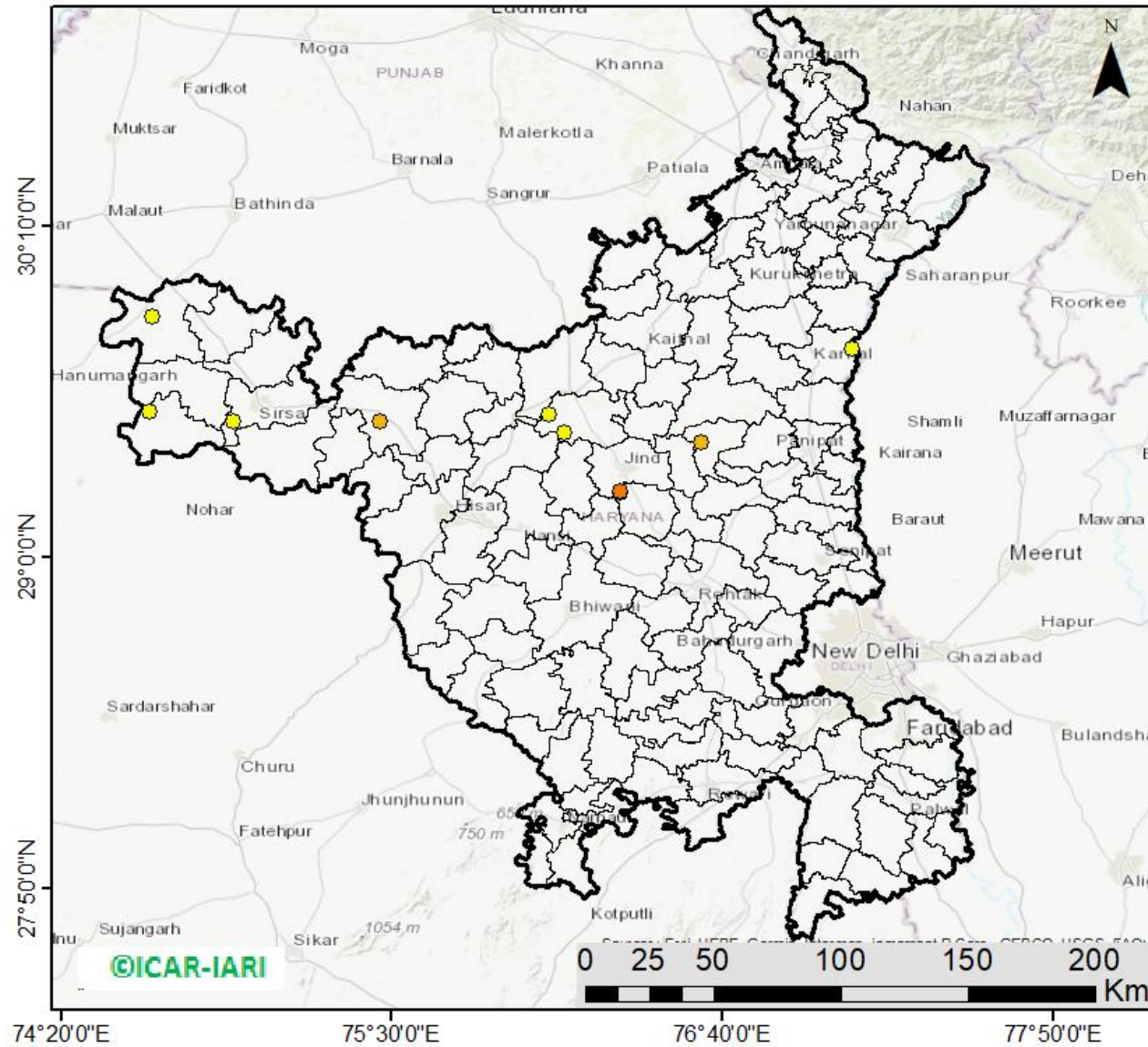
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Punjab (15Sep-21Nov-2024)



Haryana

RICE RESIDUE BURNING IN HARYANA



10 burning events detected in Haryana on (21st Nov 2024)

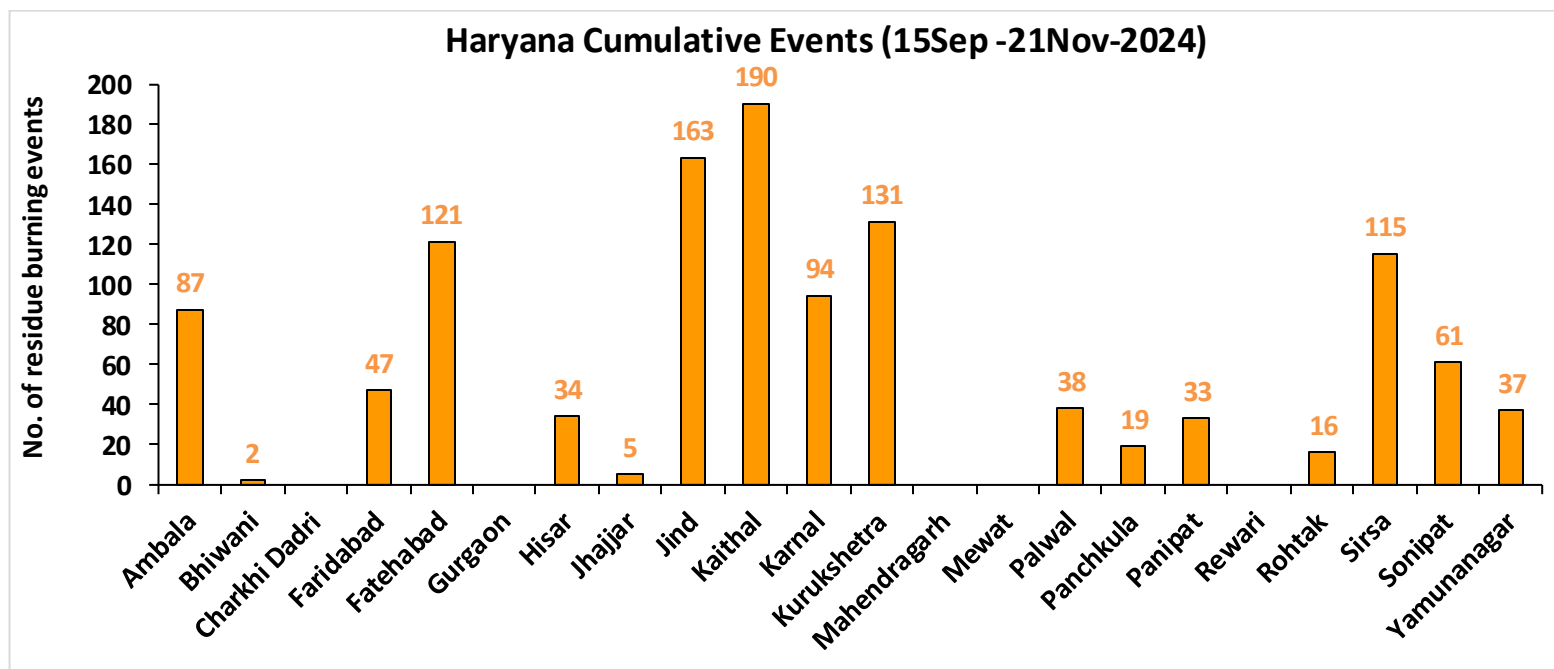
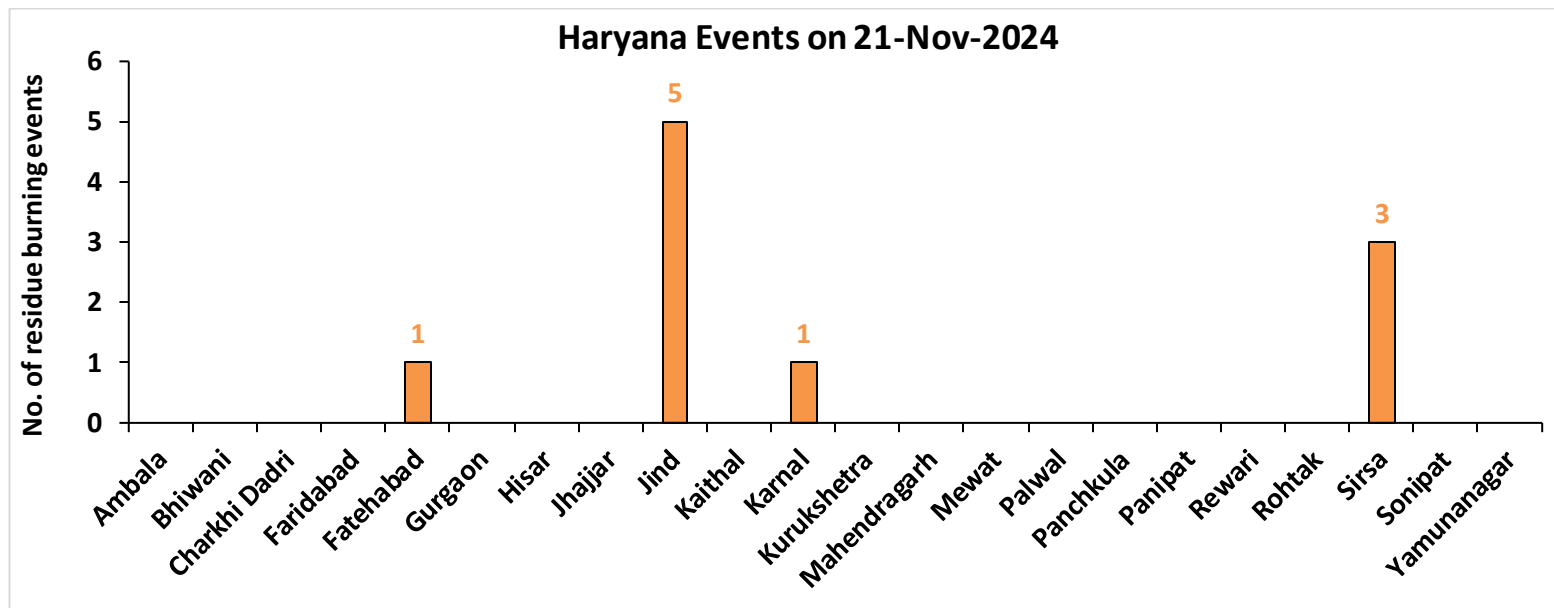
Fire Intensity (W/m²)

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



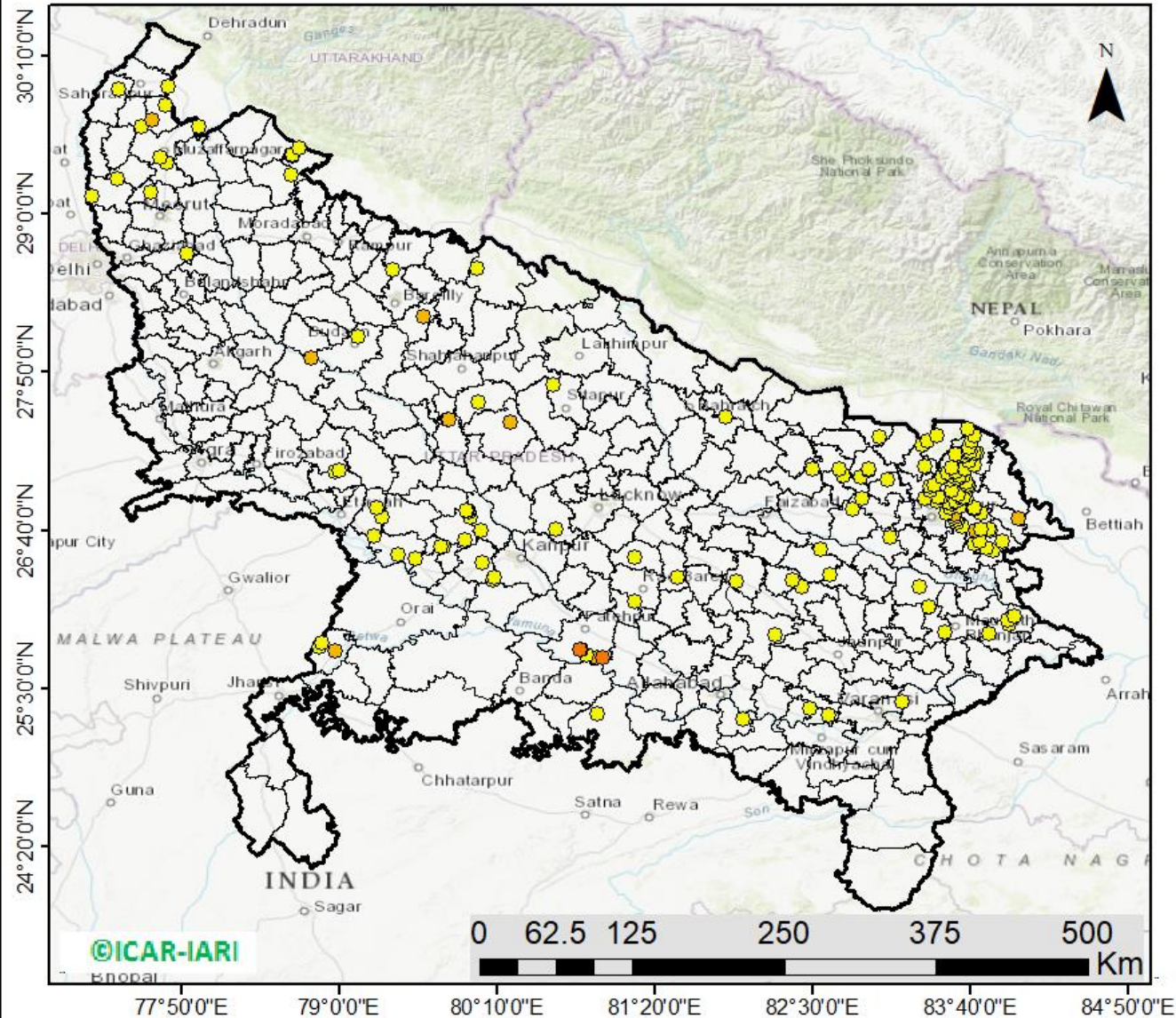
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Haryana (15Sep-21Nov-2024)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



165 burning events detected in Uttar Pradesh on (21st Nov 2024)

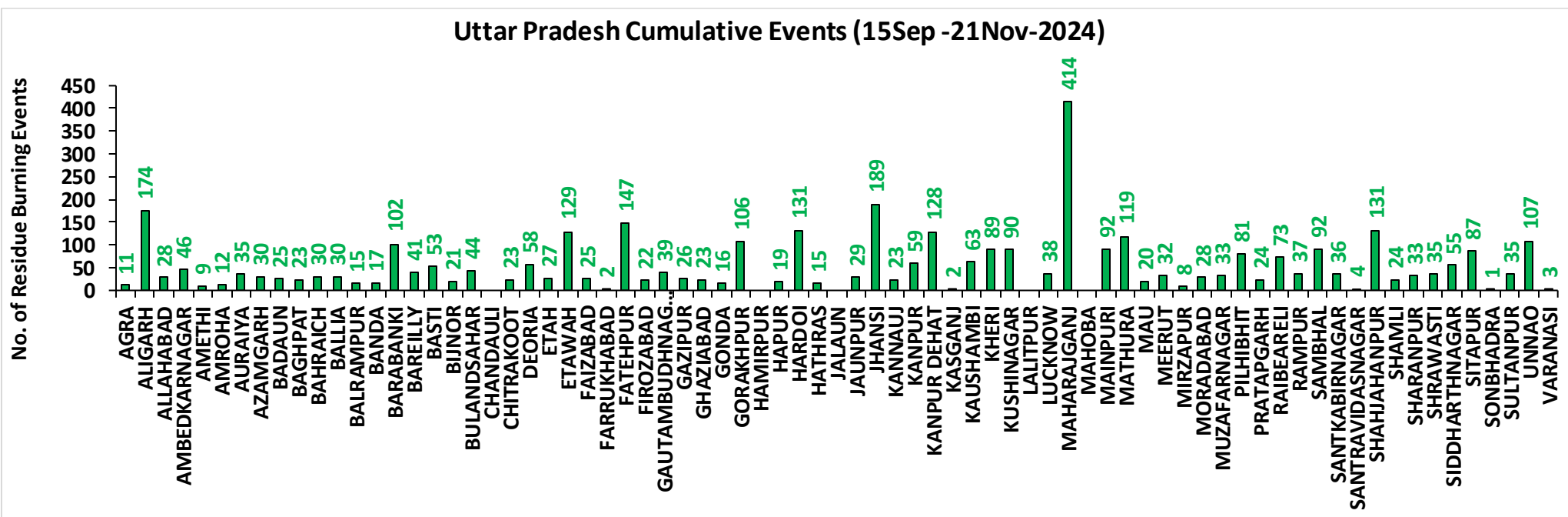
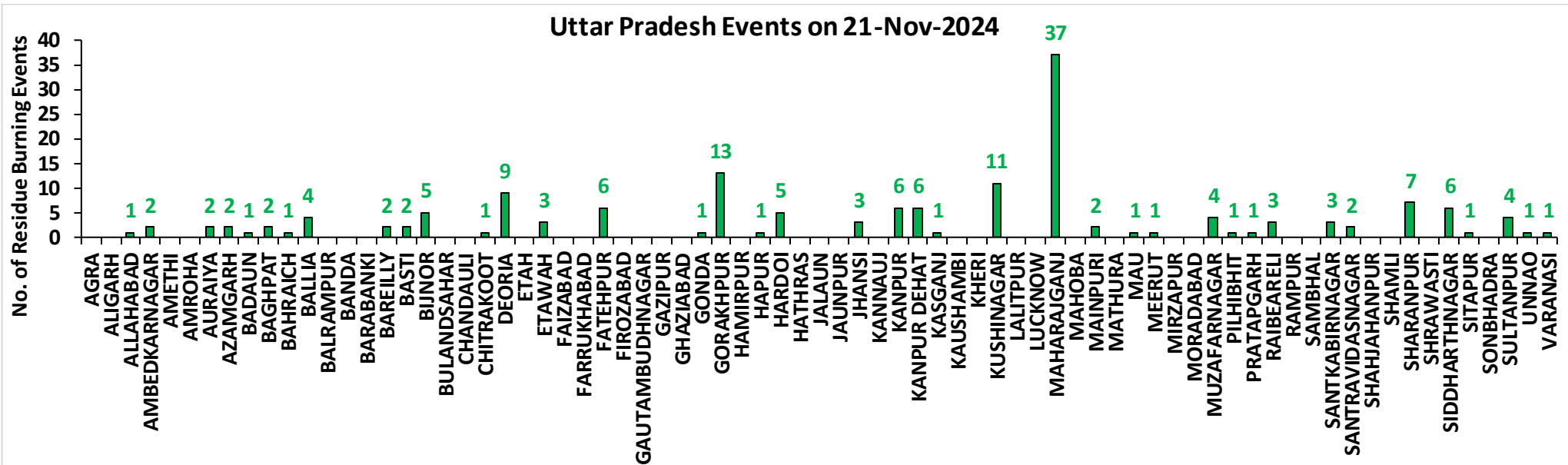
Fire Intensity (W/m²)

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



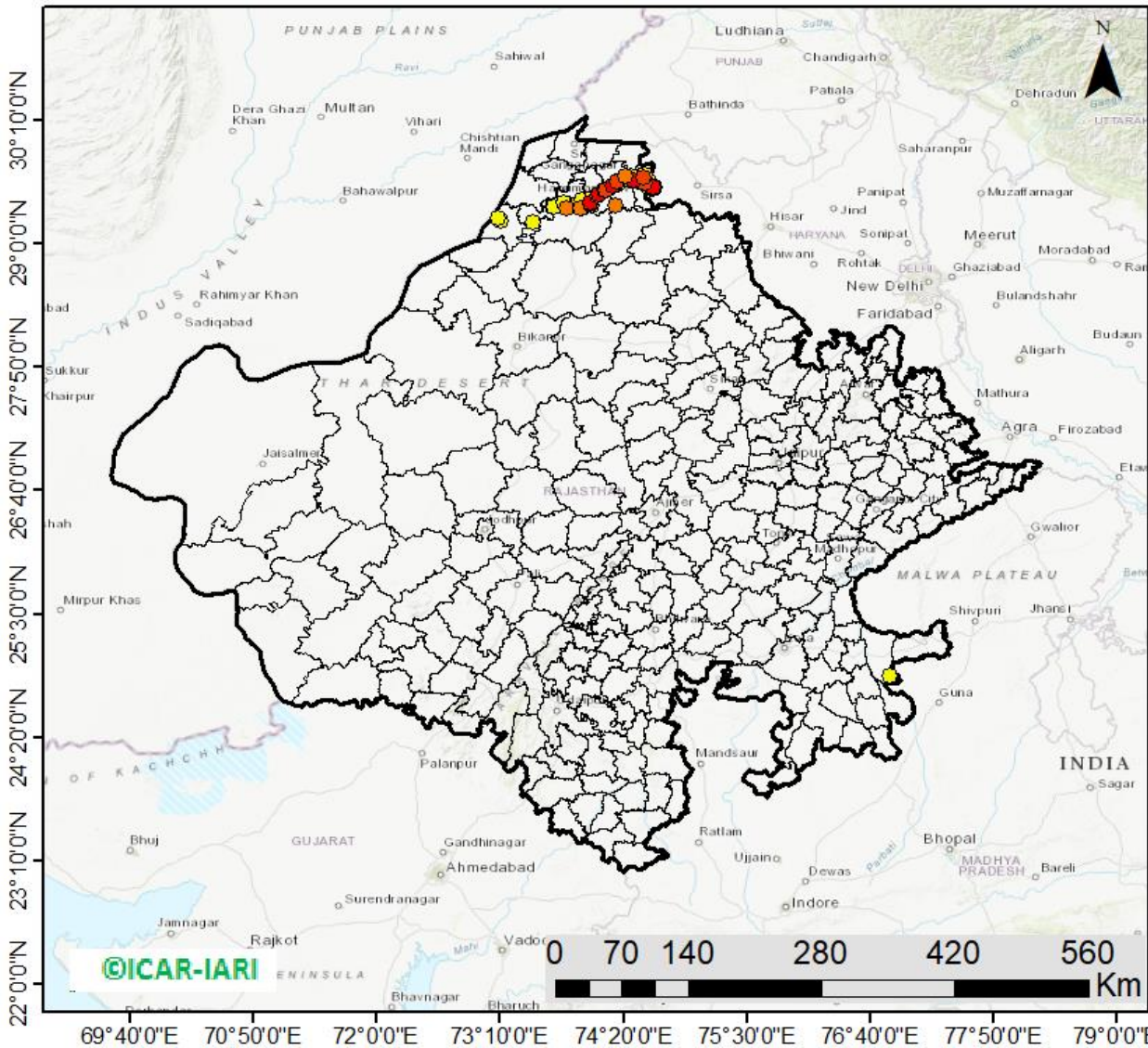
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-21Nov-2024)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



85 burning events
detected in Rajasthan on
(21st Nov 2024)

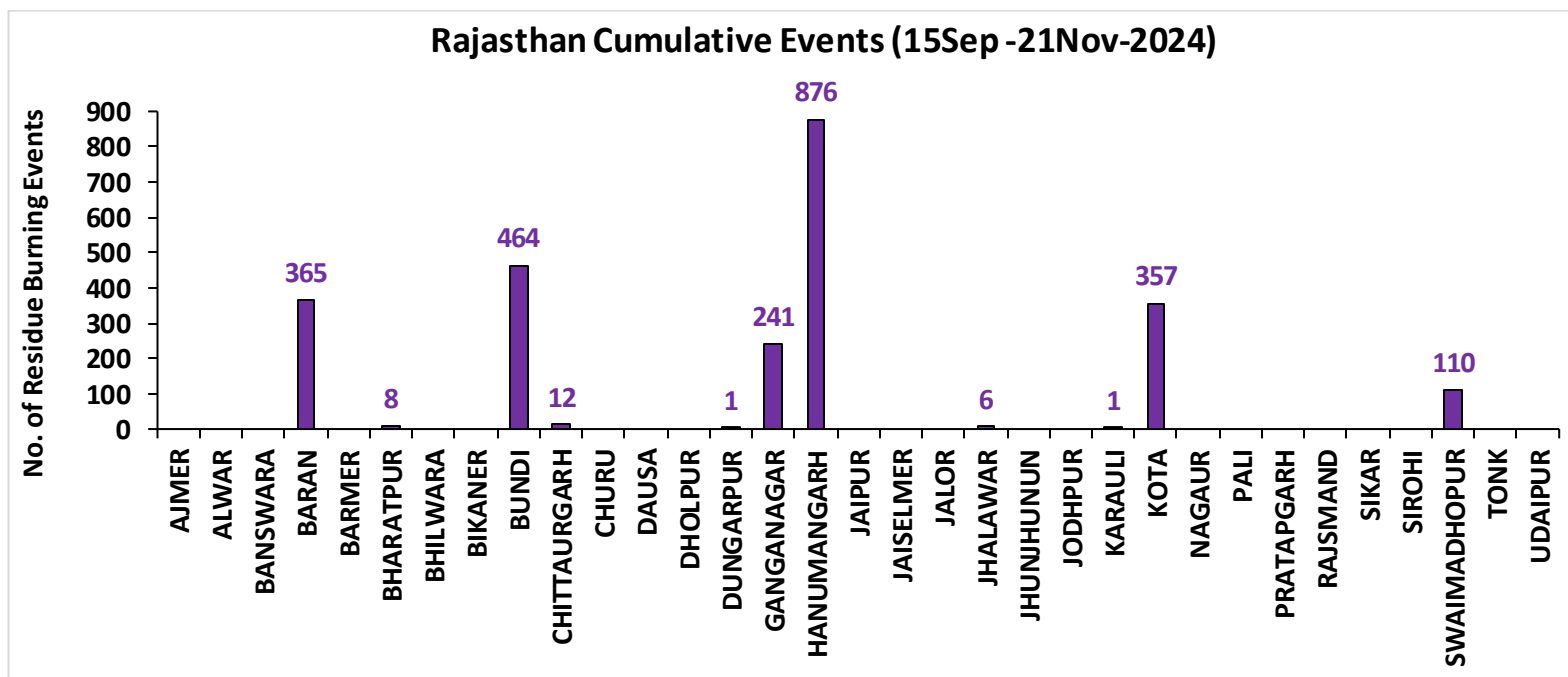
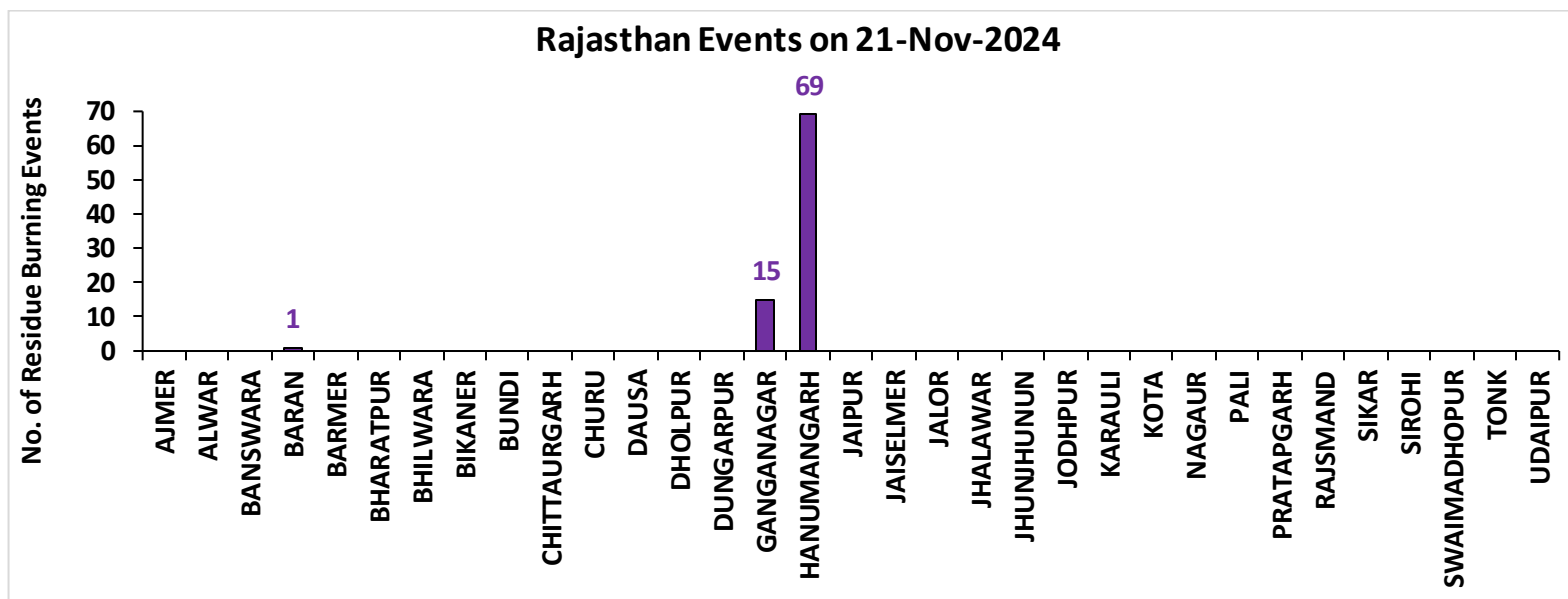
Fire Intensity (W/m²)

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



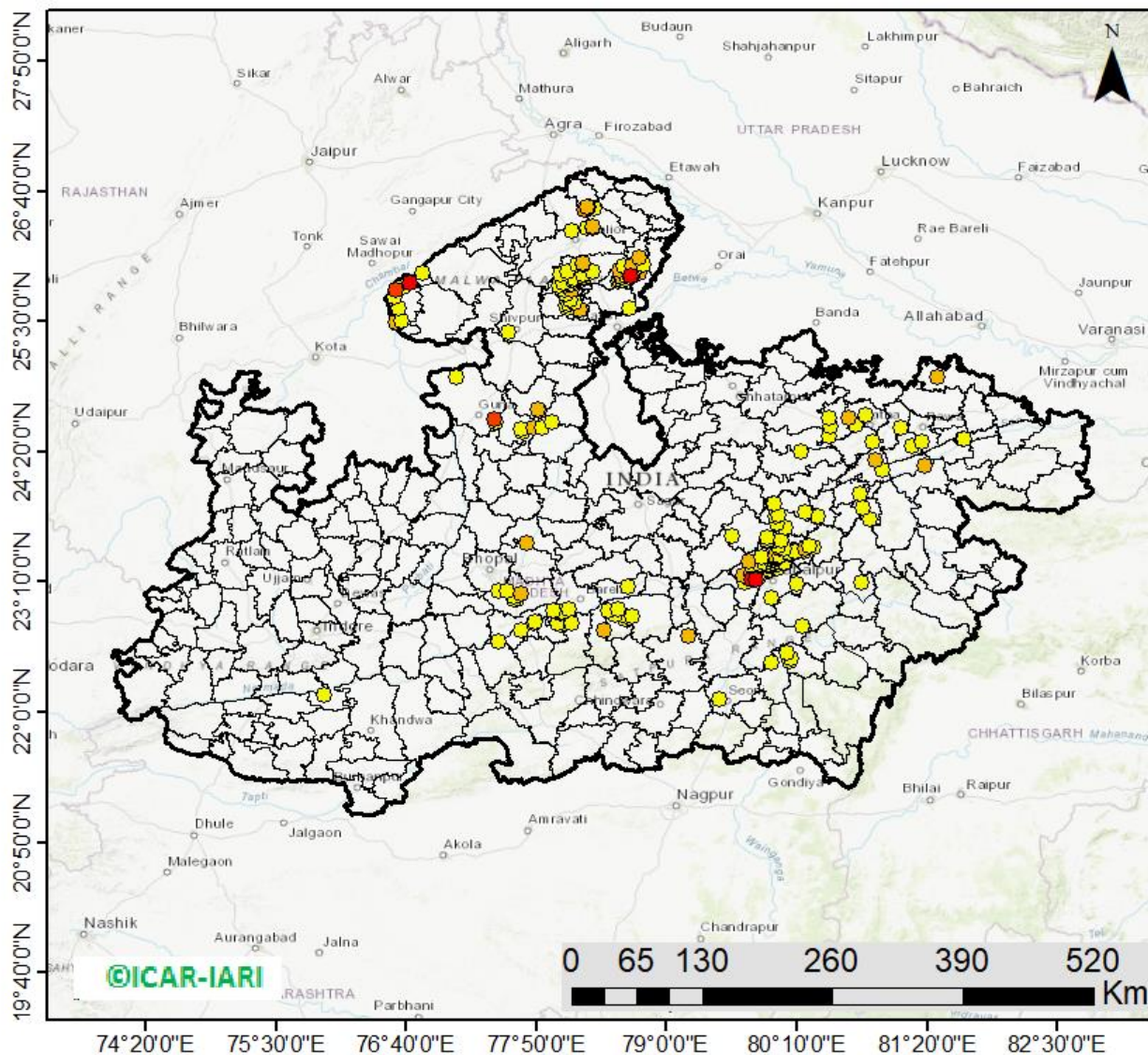
http://103.111.37.126/icar_geportal/

District-wise cumulative number of residues burning events in Rajasthan (15Sep-21Nov-2024)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



274 burning events
detected in MP on
(21st Nov 2024)

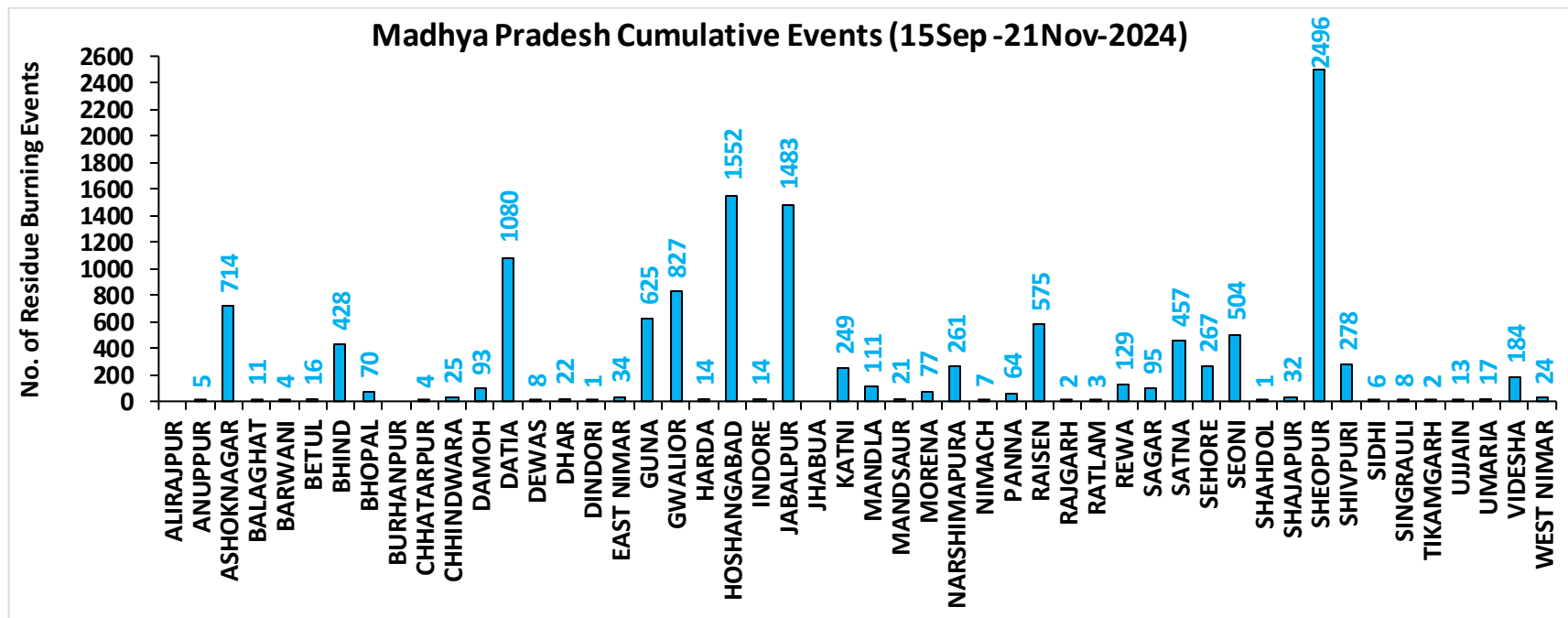
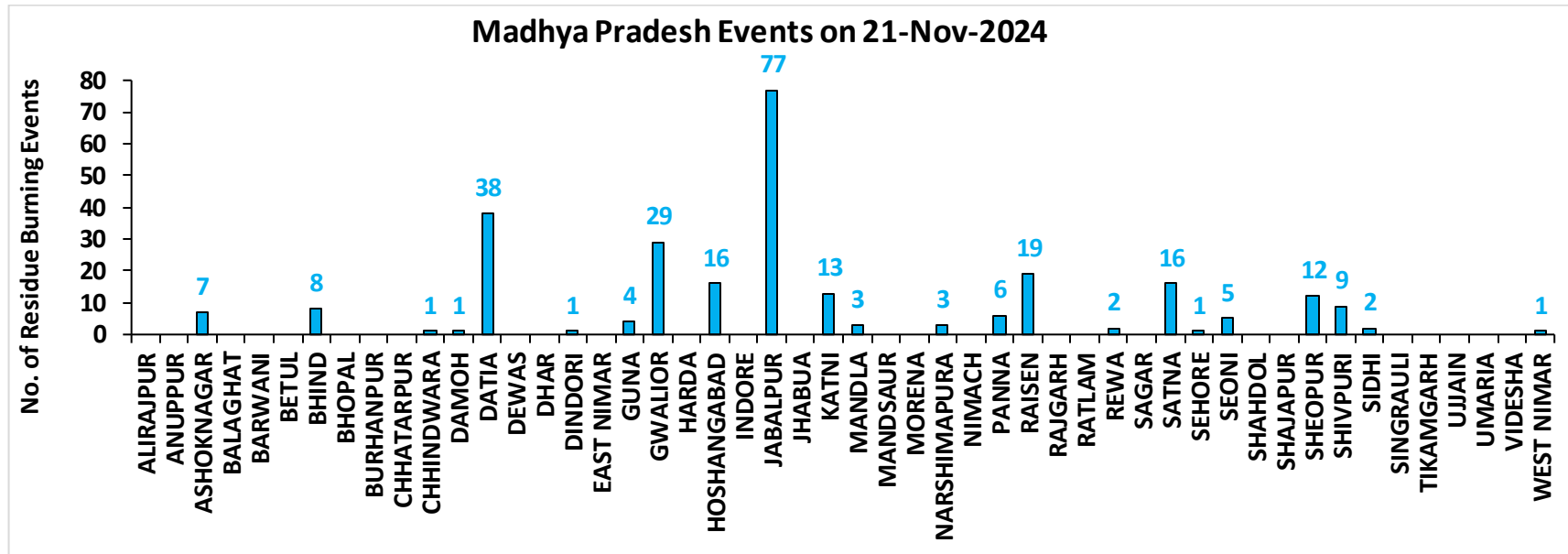
Fire Intensity (W/m²)

- 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 Madhya Pradesh (15Sep-21Nov-2024)



District-wise cumulative number of residues burning events detected in 2020, 2021, 2022, 2023 and 2024
(Period: 15 September-21 November)

(a) Punjab

District	15 Sep-21 Nov				
	2020	2021	2022	2023	2024
Amritsar	3059	2169	1538	1567	718
Barnala	5321	4322	2904	2266	234
Bathinda	5218	4465	4550	2900	714
Faridkot	4726	3945	2680	1955	519
Fatehgarh Sahib	1533	1717	1144	882	220
Fazilka	2517	2343	2520	1594	291
Firozpur	8507	6269	4529	3322	1273
Gurdaspur	2122	1391	841	386	194
Hoshiarpur	386	328	256	117	25
Jalandhar	1937	2543	1378	1172	140
Kapurthala	1882	1795	1275	1022	336
Ludhiana	5043	5804	2667	1770	282
Malerkotla*	--	--	--	409	195
Mansa	3771	3190	2791	2235	581
Moga	7378	6498	3583	2596	648
Muktsar	4985	4529	3767	1563	741
Pathankot	13	6	1	4	3
Patiala	6427	5410	3392	1859	541
Rupnagar	205	307	245	46	10
Sangrur#	11713	9378	5912	5565	1706
SAS NAGAR (Mohali)	127	147	103	132	40
SBS Nagar	131	353	270	232	33
Tarn Taran	5603	4115	3180	2012	852
Total	82604	71024	49526	35606	10296

(b) Haryana

District	15 Sep-21 Nov				
	2020	2021	2022	2023	2024
AMBALA	345	301	221	188	87
BHIWANI	4	10	6	6	2
CHARKHI DADRI	0	0	0	2	0
FARIDABAD	1	3	1	4	47
FATEHABAD	811	1432	746	546	121
GURGAON	0	0	0	0	0
HISAR	50	194	103	105	34
JHAJJAR	6	7	6	17	5
JIND	340	866	514	325	163
KAITHAL	835	1149	637	261	190
KARNAL	581	951	297	122	94
KURUKSHETRA	406	538	298	153	131
MAHENDRAGARH	0	0	0	0	0
MEWAT	0	0	0	0	0
PALWAL	46	114	51	57	38
PANCHKULA	0	0	0	1	19
PANIPAT	49	226	79	23	33
REWARI	0	0	0	0	0
ROHTAK	45	49	44	59	16
SIRSA	219	468	274	141	115
SONIPAT	69	188	81	75	61
YAMUNANAGAR	142	146	144	92	37
Total	3949	6642	3502	2177	1193

*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-21 Nov																
	2020	2021	2022	2023	2024	GAUTAMBUDHNAGAR	14	19	10	12	39	MUZAFARNAGAR	40	15	11	21	33
AGRA	7	0	0	4	11	GAZIPUR	14	14	12	19	26	PILHIBHIT	16	206	140	96	81
ALIGARH	112	39	42	84	174	GHAZIABAD	22	12	6	25	23	PRATAPGARH	37	23	19	32	24
ALLAHABAD	27	13	9	8	28	GONDA	12	9	1	9	16	RAIBARELI	22	42	24	44	73
AMBEDKARNAGAR	20	14	19	31	46	GORAKHPUR	41	20	22	91	106	RAMPUR	155	185	102	93	37
AMETHI	3	14	12	51	9	HAMIRPUR	5	0	0	0	0	SAMBHAL	18	15	12	18	92
AMROHA	11	7	4	4	12	HAPUR	24	10	4	11	19	SANTKABIRNAGAR	28	14	8	35	36
AURAIYA	76	50	38	66	35	HARDOI	94	95	65	94	131	SANTRAVIDASNAGAR	4	1	4	2	4
AZAMGARH	45	7	11	21	30	HATHRAS	0	0	1	2	15	SHAHJAHANPUR	131	395	292	99	131
BADAUN	13	16	4	9	25	JALAUN	40	0	0	0	0	SHAMLI	46	37	9	19	24
BAGHPAT	16	11	9	12	23	JAUNPUR	37	15	15	22	29	SHARANPUR	93	66	17	27	33
BAHRAICH	105	54	21	44	30	JHANSI	281	73	94	153	189	SHRAWASTI	45	36	16	48	35
BALLIA	85	21	26	20	30	KANNAUJ	33	6	3	6	23	SIDDHARTHANAGAR	71	105	31	120	55
BALRAMPUR	64	18	11	27	15	KANPUR	27	30	21	42	59	SITAPUR	51	46	22	39	87
BANDA	19	5	8	24	17	KANPUR DEHAT	73	37	42	115	128	SONBHADRA	0	0	0	0	1
BARABANKI	35	59	54	71	102	KASGANJ	2	2	1	3	2	SULTANPUR	4	16	18	27	35
BAREILLY	72	58	47	50	41	KAUSHAMBI	55	64	31	55	63	UNNAO	41	23	30	55	107
BASTI	53	44	9	73	53	KHERI	143	152	129	64	89	VARANASI	1	3	0	3	3
BIJNOR	36	35	8	11	21	KUSHINAGAR	66	13	24	61	90	Total	3403	2914	1951	2861	3868
BULANDSAHAR	53	8	15	23	44	LALITPUR	3	6	3	6	0						
CHANDAULI	3	0	0	0	0	LUCKNOW	35	32	13	36	38						
CHITRAKOOT	12	9	8	12	23	MAHARAJGANJ	47	79	77	104	414						
DEORIA	79	9	24	56	58	MAHOBA	27	0	0	0	0						
ETAH	17	10	5	20	27	MAINPURI	60	44	32	55	92						
ETAWAH	66	61	45	118	129	MATHURA	159	237	30	95	119						
FAIZABAD	9	4	4	17	25	MAU	23	9	5	18	20						
FARRUKHABAD	6	4	1	1	2	MEERUT	55	22	26	17	32						
FATEHPUR	106	81	78	89	147	MIRZAPUR	7	8	2	0	8						
FIROZABAD	26	17	9	10	22	MORADABAD	25	10	6	12	28						

(d) Delhi

District	15 Sep-21 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	8	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	9	5	12

(e) Rajasthan

District	15 Sep-21 Nov				
	2020	2021	2022	2023	2024
AJMER	3	0	0	0	0
ALWAR	9	0	0	0	0
BANSWARA	0	0	0	1	0
BARAN	166	11	74	338	365
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	212	464
CHITTAURGARH	1	12	8	14	12
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	175	127	101	131	241
HANUMANGARH	837	811	655	630	876
JAIPUR	4	0	0	0	0
JAISELMER	5	0	0	0	0
JALOR	2	0	0	0	0
JHALAWAR	9	1	10	11	6
JHUNJHUNUN	1	0	0	0	0
JODHPUR	5	0	0	0	0
KARALI	1	0	0	0	1
KOTA	116	56	141	268	357
NAGPUR	3	0	0	0	0
PALI	9	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	0	8	0
Total	1576	1140	1227	1675	2441

(f) Madhya Pradesh

District	15 Sep-21 Nov										
	2020	2021	2022	2023	2024	PANNA	49	18	25	42	64
ALIRAJPUR	0	0	0	0	0	RAISEN	587	286	358	364	575
ANUPPUR	0	1	4	3	5	RAJGARH	10	3	5	11	2
ASHOKNAGAR	152	87	184	277	714	RATLAM	3	5	3	6	3
BALAGHAT	5	4	1	2	11	REWA	126	65	61	66	129
BARWANI	3	0	0	3	4	SAGAR	28	30	54	90	95
BETUL	36	14	17	34	16	SATNA	547	309	327	290	457
BHIND	252	128	195	258	428	SEHORE	150	137	195	170	267
BHOPAL	49	35	36	48	70	SEONI	1228	882	1097	1407	504
BURHANPUR	15	1	3	9	0	SHAHDOL	3	0	1	2	1
CHHATARPUR	7	0	2	3	4	SHAJAPUR	17	0	0	15	32
CHHINDWARA	127	54	96	172	25	SHEOPUR	1819	938	1795	1859	2496
DAMOH	74	51	66	96	93	SHIVPURI	350	52	233	240	278
DATIA	1183	443	826	895	1080	SIDHI	4	2	1	0	6
DEWAS	8	0	0	14	8	SINGRAULI	0	4	3	14	8
DHAR	43	0	0	43	22	TIKAMGARH	4	0	1	6	2
DINDORI	0	0	1	3	1	UJJAIN	10	0	0	15	13
EAST NIMAR	22	7	11	53	34	UMARIA	7	5	10	7	17
GUNA	67	10	118	460	625	VIDESHA	134	91	83	145	184
GWALIOR	1975	387	1476	874	827	WEST NIMAR	63	10	14	45	24
HARDA	14	21	10	31	14	Total	13220	6137	10105	11226	12913
HOSHANGABAD	1056	1061	1086	1156	1552						
INDORE	4	0	0	12	14						
JABALPUR	2196	661	1171	1441	1483						
JHABUA	0	0	0	0	0						
KATNI	306	70	159	217	249						
MANDLA	141	95	121	74	111						
MANDSAUR	12	0	0	6	21						
MORENA	62	37	25	47	77						
NARSHIMAPURA	270	133	231	200	261						
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-21 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
Total	82604	71024	49526	35606	10296	3949	6642	3502	2177	1193	3403	2914	1951	2861	3868

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
Total	9	4	9	5	12	1576	1140	1227	1675	2441	13220	6137	10105	11226	12913

Details of residue burning events in Punjab on 21-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	S-NPP	31.85693	74.87509	14:17:57	D	4.10
2	AMRITSAR	AJNALA	S-NPP	31.95252	74.87084	14:17:57	D	2.90
3	AMRITSAR	AJNALA	AQUA	31.86800	74.91500	15:00:05	D	14.90
4	AMRITSAR	AJNALA	AQUA	31.87300	74.92000	15:00:05	D	14.20
5	BARNALA	BARNALA	S-NPP	30.38537	75.63963	14:17:57	D	12.00
6	BARNALA	MAHAL KALAN	S-NPP	30.57861	75.52418	12:37:40	D	3.00
7	BARNALA	MAHAL KALAN	S-NPP	30.58069	75.52243	12:37:40	D	3.00
8	BARNALA	SEHNA	S-NPP	30.48618	75.43666	12:37:40	D	5.30
9	BARNALA	SEHNA	AQUA	30.35800	75.37900	15:00:05	D	28.70
10	BATHINDA	BATHINDA	S-NPP	30.10863	75.11803	14:17:57	D	2.80
11	BATHINDA	BHAGTA BHAI KA	S-NPP	30.50015	75.11497	14:17:57	D	9.50
12	BATHINDA	GONIANA MANDI	S-NPP	30.35698	74.71672	14:17:57	D	4.20
13	BATHINDA	GONIANA MANDI	S-NPP	30.35721	74.72018	14:17:57	D	3.20
14	BATHINDA	MAUR	S-NPP	30.11758	75.16656	14:17:57	D	6.70
15	BATHINDA	MAUR	AQUA	30.08000	75.29900	15:00:05	D	17.40
16	BATHINDA	SANGAT	S-NPP	30.01329	74.79954	14:17:57	D	5.70
17	BATHINDA	TALWANDI SABO	S-NPP	29.99263	74.93330	14:17:57	D	2.00
18	BATHINDA	TALWANDI SABO	AQUA	29.93700	75.02500	15:00:05	D	37.50
19	FARIDKOT	FARIDKOT	S-NPP	30.63438	74.68208	14:17:57	D	8.40
20	FARIDKOT	FARIDKOT	AQUA	30.63200	74.67900	15:00:05	D	59.90
21	FARIDKOT	FARIDKOT	AQUA	30.63500	74.70200	15:00:05	D	14.20

22	FARIDKOT	FARIDKOT	AQUA	30.64500	74.67700	15:00:05	D	15.50
23	FARIDKOT	FARIDKOT	AQUA	30.70100	74.71100	15:00:05	D	15.60
24	FARIDKOT	FARIDKOT	AQUA	30.70100	74.71800	15:00:05	D	20.50
25	FARIDKOT	FARIDKOT	AQUA	30.80500	74.57500	15:00:05	D	16.10
26	FARIDKOT	FARIDKOT	AQUA	30.81500	74.69200	15:00:05	D	16.00
27	FARIDKOT	JAITON	S-NPP	30.46193	74.83001	12:37:40	D	4.80
28	FARIDKOT	JAITON	AQUA	30.39100	74.86700	15:00:05	D	54.20
29	FARIDKOT	KOT KAPURA	S-NPP	30.50168	74.79975	14:17:57	D	20.70
30	FARIDKOT	KOT KAPURA	S-NPP	30.65162	74.95316	14:17:57	D	6.00
31	FARIDKOT	KOT KAPURA	AQUA	30.57900	74.78500	15:00:05	D	16.10
32	FATEHGARH SAHIB	AMLOH	S-NPP	30.68423	76.34505	12:37:40	D	2.70
33	FATEHGARH SAHIB	KHERA	S-NPP	30.64368	76.42200	14:17:57	D	5.20
34	FATEHGARH SAHIB	SIRHIND	S-NPP	30.47474	76.37376	12:37:40	D	2.90
35	FAZILKA	ABOHAR	S-NPP	30.14256	74.32242	14:17:57	D	2.40
36	FAZILKA	ABOHAR	S-NPP	30.15710	74.32854	14:17:57	D	2.40
37	FAZILKA	ABOHAR	S-NPP	30.19585	74.31204	14:17:57	D	4.90
38	FAZILKA	ABOHAR	S-NPP	30.19615	74.31640	14:17:57	D	4.90
39	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.41407	74.26773	14:17:57	D	5.50
40	FAZILKA	ARNIWALA SHEIKH SUBANPUR	AQUA	30.32900	74.32300	15:00:05	D	16.50
41	FAZILKA	FAZILKA	S-NPP	30.34440	73.91409	14:17:57	D	7.90
42	FAZILKA	FAZILKA	S-NPP	30.36189	73.92506	14:17:57	D	2.30
43	FAZILKA	FAZILKA	S-NPP	30.38836	74.06218	14:17:57	D	5.50
44	FAZILKA	FAZILKA	S-NPP	30.44519	74.01834	14:17:57	D	8.80
45	FAZILKA	FAZILKA	S-NPP	30.44548	74.02258	14:17:57	D	12.30
46	FAZILKA	FAZILKA	AQUA	30.42900	73.97700	15:00:05	D	111.30
47	FAZILKA	FAZILKA	AQUA	30.43600	73.98400	15:00:05	D	54.80
48	FAZILKA	FAZILKA	AQUA	30.45100	74.00300	15:00:05	D	17.10
49	FAZILKA	FAZILKA	AQUA	30.46100	74.10700	15:00:05	D	25.00
50	FAZILKA	FAZILKA	AQUA	30.46500	74.10000	15:00:05	D	39.90
51	FAZILKA	GURUHAR SAHAI	S-NPP	30.56805	74.37105	14:17:57	D	6.50
52	FAZILKA	GURUHAR SAHAI	AQUA	30.55300	74.36700	15:00:05	D	62.90
53	FAZILKA	GURUHAR SAHAI	AQUA	30.58700	74.31800	15:00:05	D	19.30
54	FAZILKA	GURUHAR SAHAI	AQUA	30.60200	74.33900	15:00:05	D	19.80

55	FAZILKA	JALALABAD	S-NPP	30.46724	74.26305	14:17:57	D	5.40
56	FAZILKA	JALALABAD	S-NPP	30.52578	74.36913	14:17:57	D	4.20
57	FAZILKA	JALALABAD	S-NPP	30.52934	74.33762	14:17:57	D	9.30
58	FAZILKA	JALALABAD	S-NPP	30.53503	74.33714	14:17:57	D	22.20
59	FAZILKA	JALALABAD	S-NPP	30.53533	74.34156	14:17:57	D	22.20
60	FAZILKA	JALALABAD	S-NPP	30.53730	74.33783	14:17:57	D	4.80
61	FAZILKA	JALALABAD	S-NPP	30.57828	74.17985	14:17:57	D	4.60
62	FAZILKA	JALALABAD	S-NPP	30.60917	74.21665	14:17:57	D	13.70
63	FAZILKA	JALALABAD	S-NPP	30.63467	74.17509	14:17:57	D	2.50
64	FAZILKA	JALALABAD	S-NPP	30.64359	74.18526	14:17:57	D	6.50
65	FAZILKA	JALALABAD	AQUA	30.49500	74.16000	15:00:05	D	11.80
66	FAZILKA	JALALABAD	AQUA	30.50300	74.24600	15:00:05	D	27.00
67	FAZILKA	JALALABAD	AQUA	30.52400	74.33100	15:00:05	D	34.40
68	FAZILKA	JALALABAD	AQUA	30.55100	74.08900	15:00:05	D	11.40
69	FAZILKA	JALALABAD	AQUA	30.55300	74.37200	15:00:05	D	91.10
70	FAZILKA	JALALABAD	AQUA	30.62700	74.20400	15:00:05	D	63.20
71	FAZILKA	JALALABAD	AQUA	30.62900	74.22500	15:00:05	D	99.40
72	FAZILKA	JALALABAD	AQUA	30.63200	74.21800	15:00:05	D	69.30
73	FAZILKA	KHUIAN SARWAR	S-NPP	30.31559	74.12366	14:17:57	D	4.00
74	FAZILKA	KHUIAN SARWAR	S-NPP	30.31590	74.12793	14:17:57	D	6.90
75	FAZILKA	KHUIAN SARWAR	S-NPP	30.31936	74.12379	14:17:57	D	5.60
76	FAZILKA	KHUIAN SARWAR	AQUA	30.35300	74.01500	15:00:05	D	12.10
77	FIROZPUR	FIROZPUR	S-NPP	30.86864	74.62125	14:17:57	D	5.00
78	FIROZPUR	FIROZPUR	S-NPP	30.86913	74.62086	14:17:57	D	3.90
79	FIROZPUR	FIROZPUR	S-NPP	30.89327	74.64279	14:17:57	D	6.60
80	FIROZPUR	FIROZPUR	S-NPP	30.89390	74.64242	14:17:57	D	6.00
81	FIROZPUR	FIROZPUR	S-NPP	30.89422	74.64709	14:17:57	D	6.00
82	FIROZPUR	GHALL KHURD	S-NPP	30.90162	74.84753	12:37:40	D	4.00
83	FIROZPUR	GHALL KHURD	S-NPP	30.94133	74.75766	14:17:57	D	2.80
84	FIROZPUR	GHALL KHURD	AQUA	30.78300	74.89400	15:00:05	D	22.30
85	FIROZPUR	GHALL KHURD	AQUA	30.79200	74.88800	15:00:05	D	15.50
86	FIROZPUR	GHALL KHURD	AQUA	30.82800	74.83500	15:00:05	D	20.80
87	FIROZPUR	GHALL KHURD	AQUA	30.94600	74.71200	15:00:05	D	18.90

88	FIROZPUR	GURUHAR SAHAI	S-NPP	30.66188	74.47439	14:17:57	D	3.20
89	FIROZPUR	GURUHAR SAHAI	S-NPP	30.68451	74.37730	14:17:57	D	6.10
90	FIROZPUR	GURUHAR SAHAI	S-NPP	30.68485	74.47248	14:17:57	D	8.20
91	FIROZPUR	GURUHAR SAHAI	S-NPP	30.68514	74.47703	14:17:57	D	8.20
92	FIROZPUR	GURUHAR SAHAI	S-NPP	30.70392	74.42030	12:37:40	D	7.70
93	FIROZPUR	GURUHAR SAHAI	S-NPP	30.70469	74.33521	14:17:57	D	4.80
94	FIROZPUR	GURUHAR SAHAI	S-NPP	30.70544	74.42596	12:37:40	D	11.00
95	FIROZPUR	GURUHAR SAHAI	S-NPP	30.71158	74.35257	14:17:57	D	15.30
96	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73076	74.29729	14:17:57	D	9.90
97	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76064	74.28227	14:17:57	D	3.40
98	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76394	74.28120	14:17:57	D	4.70
99	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76868	74.26747	14:17:57	D	3.90
100	FIROZPUR	GURUHAR SAHAI	S-NPP	30.77115	74.26803	14:17:57	D	9.90
101	FIROZPUR	GURUHAR SAHAI	AQUA	30.60800	74.40500	15:00:05	D	22.40
102	FIROZPUR	GURUHAR SAHAI	AQUA	30.71700	74.31800	15:00:05	D	50.00
103	FIROZPUR	GURUHAR SAHAI	AQUA	30.74000	74.42700	15:00:05	D	31.50
104	FIROZPUR	GURUHAR SAHAI	AQUA	30.74100	74.44500	15:00:05	D	40.80
105	FIROZPUR	GURUHAR SAHAI	AQUA	30.74200	74.45000	15:00:05	D	28.10
106	FIROZPUR	MAMDOT	S-NPP	30.79058	74.39214	14:17:57	D	2.30
107	FIROZPUR	MAMDOT	S-NPP	30.81386	74.30917	14:17:57	D	2.20
108	FIROZPUR	MAMDOT	S-NPP	30.84499	74.48686	12:37:40	D	3.70
109	FIROZPUR	MAMDOT	S-NPP	30.84834	74.48281	12:37:40	D	4.10
110	FIROZPUR	MAMDOT	S-NPP	30.84873	74.48786	14:17:57	D	3.80
111	FIROZPUR	MAMDOT	AQUA	30.81100	74.50500	15:00:05	D	62.50
112	FIROZPUR	MAMDOT	AQUA	30.81300	74.52800	15:00:05	D	40.10
113	FIROZPUR	ZIRA	S-NPP	30.91521	75.02039	12:37:40	D	2.60
114	FIROZPUR	ZIRA	S-NPP	30.93784	74.89323	14:17:57	D	2.40
115	GURDASPUR	DERA BABA NANAK	AQUA	32.05600	74.93900	15:00:05	D	16.10
116	GURDASPUR	KALANAUR	S-NPP	32.02658	75.15165	03:07:15	N	2.90
117	GURDASPUR	KALANAUR	S-NPP	32.02815	75.14955	01:27:40	N	1.60
118	HOSHIARPUR	TANDA	S-NPP	31.69537	75.57703	14:17:57	D	3.00
119	JALANDHAR	JALANDHAR WEST	S-NPP	31.49257	75.45285	14:17:57	D	5.90
120	JALANDHAR	NUR MAHAL	S-NPP	31.04543	75.58466	14:17:57	D	6.60

121	KAPURTHALA	DHILWAN	S-NPP	31.43759	75.25337	14:17:57	D	5.50
122	KAPURTHALA	NADALA	S-NPP	31.59361	75.42334	12:37:40	D	3.00
123	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.21903	75.09621	14:17:57	D	2.30
124	KAPURTHALA	SULTANPUR LODHI	AQUA	31.16200	75.07600	15:00:05	D	15.20
125	LUDHIANA	JAGRAON	S-NPP	30.69757	75.42493	12:37:40	D	3.20
126	LUDHIANA	JAGRAON	S-NPP	30.73195	75.46680	14:17:57	D	2.90
127	LUDHIANA	RAIKOT	S-NPP	30.65101	75.66496	14:17:57	D	5.80
128	LUDHIANA	RAIKOT	S-NPP	30.65133	75.66781	14:17:57	D	9.70
129	LUDHIANA	RAIKOT	S-NPP	30.66974	75.66903	14:17:57	D	3.30
130	LUDHIANA	SIDHWAN BET	S-NPP	30.82662	75.37665	12:37:40	D	3.50
131	MALERKOTLA	MALERKOTLA	S-NPP	30.46381	75.83121	14:17:57	D	20.60
132	MANSA	BUDHLADA	S-NPP	29.80514	75.60178	14:17:57	D	18.70
133	MANSA	BUDHLADA	S-NPP	29.80610	75.60160	14:17:57	D	12.60
134	MANSA	BUDHLADA	S-NPP	29.94559	75.47875	14:17:57	D	5.90
135	MANSA	JHUNIR	S-NPP	29.80609	75.39659	14:17:57	D	3.30
136	MANSA	SARDULGARH	AQUA	29.66800	75.19500	15:00:05	D	15.60
137	MANSA	SARDULGARH	AQUA	29.67900	75.31800	15:00:05	D	31.60
138	MOGA	BAGHA PURANA	S-NPP	30.59188	75.10365	14:17:57	D	3.90
139	MOGA	BAGHA PURANA	S-NPP	30.65192	74.95802	14:17:57	D	6.00
140	MOGA	BAGHA PURANA	S-NPP	30.69051	75.05179	14:17:57	D	3.50
141	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.00439	75.20258	14:17:57	D	22.30
142	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.00470	75.20766	14:17:57	D	22.30
143	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.00677	75.20456	14:17:57	D	28.40
144	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.04185	75.08034	14:17:57	D	3.20
145	MOGA	MOGA 1	S-NPP	30.72243	75.29627	14:17:57	D	7.60
146	MOGA	MOGA 1	S-NPP	30.73932	75.27457	14:17:57	D	5.30
147	MOGA	MOGA 1	S-NPP	30.77323	75.34988	12:37:40	D	4.20
148	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.31691	74.63982	14:17:57	D	3.50
149	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.38600	74.53500	15:00:05	D	15.20
150	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.42000	74.74500	15:00:05	D	15.80
151	MUKTSAR	LAMBI	S-NPP	29.99635	74.46324	14:17:57	D	4.50
152	MUKTSAR	LAMBI	AQUA	29.99000	74.45600	15:00:05	D	49.40
153	MUKTSAR	LAMBI	AQUA	29.99300	74.47800	15:00:05	D	17.90

154	MUKTSAR	LAMBI	AQUA	29.99500	74.50000	15:00:05	D	24.60
155	MUKTSAR	MALOUT	S-NPP	30.30415	74.36477	14:17:57	D	4.60
156	MUKTSAR	MALOUT	AQUA	30.32600	74.43400	15:00:05	D	15.30
157	MUKTSAR	MALOUT	AQUA	30.32800	74.45700	15:00:05	D	13.10
158	MUKTSAR	MUKTSAR	S-NPP	30.43312	74.35962	12:37:40	D	3.30
159	MUKTSAR	MUKTSAR	S-NPP	30.47537	74.38663	14:17:57	D	5.90
160	MUKTSAR	MUKTSAR	AQUA	30.38500	74.51800	15:00:05	D	15.90
161	MUKTSAR	MUKTSAR	AQUA	30.40200	74.42000	15:00:05	D	17.90
162	MUKTSAR	MUKTSAR	AQUA	30.40400	74.44200	15:00:05	D	17.70
163	MUKTSAR	MUKTSAR	AQUA	30.42900	74.43900	15:00:05	D	17.20
164	MUKTSAR	MUKTSAR	AQUA	30.46500	74.38300	15:00:05	D	25.40
165	MUKTSAR	MUKTSAR	AQUA	30.52700	74.64900	15:00:05	D	13.30
166	MUKTSAR	MUKTSAR	AQUA	30.52900	74.67300	15:00:05	D	34.20
167	MUKTSAR	MUKTSAR	AQUA	30.55100	74.48500	15:00:05	D	15.30
168	MUKTSAR	MUKTSAR	AQUA	30.55500	74.39500	15:00:05	D	35.20
169	MUKTSAR	MUKTSAR	AQUA	30.60100	74.47400	15:00:05	D	15.90
170	PATIALA	PATRAN	AQUA	29.91200	75.94400	15:00:05	D	27.50
171	SANGRUR	ANDANA	S-NPP	29.85268	75.98306	14:17:57	D	4.20
172	SANGRUR	BHAWANIGARH	S-NPP	30.30106	76.09310	14:17:57	D	7.20
173	SANGRUR	DHURI	S-NPP	30.32795	75.86323	12:37:40	D	4.30
174	SANGRUR	DHURI	S-NPP	30.41940	75.88569	12:37:40	D	5.00
175	SANGRUR	DHURI	S-NPP	30.43141	75.89651	14:17:57	D	3.20
176	SANGRUR	LEHRA GAGA	AQUA	29.91000	75.91600	15:00:05	D	21.70
177	SANGRUR	SHER PUR	S-NPP	30.44995	75.80478	14:17:57	D	3.90
178	SANGRUR	SHER PUR	S-NPP	30.45098	75.80745	14:17:57	D	6.90
179	SANGRUR	SHER PUR	S-NPP	30.45613	75.80434	14:17:57	D	3.90
180	TARN TARAN	BHIKHIWIND	S-NPP	31.28054	74.68464	14:17:57	D	6.00
181	TARN TARAN	BHIKHIWIND	S-NPP	31.28084	74.68941	14:17:57	D	6.00
182	TARN TARAN	BHIKHIWIND	S-NPP	31.31676	74.64912	12:37:40	D	6.90
183	TARN TARAN	GANDIWIND TATLA	S-NPP	31.54737	74.78603	14:17:57	D	4.50
184	TARN TARAN	PATTI	S-NPP	31.18723	74.77672	14:17:57	D	3.20
185	TARN TARAN	PATTI	S-NPP	31.20655	74.82578	14:17:57	D	7.80
186	TARN TARAN	PATTI	S-NPP	31.20793	74.82376	14:17:57	D	4.00

187	TARN TARAN	PATTI	S-NPP	31.20824	74.82863	14:17:57	D	4.00
188	TARN TARAN	TARN TARAN	S-NPP	31.39879	74.81180	14:17:57	D	3.70
189	TARN TARAN	VALTOHA	S-NPP	31.12636	74.59410	12:37:40	D	2.70
190	TARN TARAN	VALTOHA	S-NPP	31.22297	74.70348	14:17:57	D	3.40
191	TARN TARAN	VALTOHA	S-NPP	31.22576	74.69898	12:37:40	D	2.30
192	TARN TARAN	VALTOHA	S-NPP	31.22661	74.69950	12:37:40	D	3.60

Details of residue burning events in Haryana on 21-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	FATEHABAD	FATEHABAD	S-NPP	29.47794	75.45878	14:17:57	D	5.40
2	JIND	JULANA	S-NPP	29.22660	76.30563	14:17:57	D	22.40
3	JIND	JULANA	S-NPP	29.22925	76.30250	14:17:57	D	14.40
4	JIND	SAFIDON	S-NPP	29.40358	76.58757	14:17:57	D	8.90
5	JIND	UCHANA	S-NPP	29.43411	76.10660	12:37:40	D	3.70
6	JIND	UCHANA	S-NPP	29.49978	76.05176	14:17:57	D	3.50
7	KARNAL	KARNAL	S-NPP	29.73108	77.11981	14:17:57	D	4.30
8	SIRSA	DABWALI	S-NPP	29.84702	74.65523	03:07:15	N	0.50
9	SIRSA	ELLENABAD	S-NPP	29.51256	74.64240	01:27:40	N	0.70
10	SIRSA	SIRSA	S-NPP	29.47798	74.93813	03:07:15	N	0.40

Details of residue burning events in Uttar Pradesh on 21-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ALLAHABAD	KARCHHANA	S-NPP	25.27227	81.98458	01:27:40	N	0.70
2	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.33547	82.62785	12:37:40	D	2.70
3	AMBEDKARNAGAR	TANDA	S-NPP	26.52558	82.55459	12:37:40	D	3.00
4	AURAIYA	AURAIYA	S-NPP	26.45658	79.56157	12:37:40	D	1.80
5	AURAIYA	AURAIYA	S-NPP	26.48291	79.43621	12:37:40	D	2.60
6	AZAMGARH	SAGRI	S-NPP	26.09680	83.35595	12:37:40	D	3.40
7	AZAMGARH	SAGRI	S-NPP	26.25093	83.29381	12:37:40	D	2.70
8	BADAUN	BADAUN	S-NPP	28.09121	79.13798	12:37:40	D	3.50
9	BAGHPAT	BARAUT	S-NPP	29.13200	77.17295	12:37:40	D	3.70
10	BAGHPAT	BARAUT	S-NPP	29.13538	77.17238	12:37:40	D	4.00
11	BAHRAICH	BAHRAICH	S-NPP	27.49882	81.86214	12:37:40	D	2.20
12	BALLIA	BELTHARA ROAD	S-NPP	25.99980	83.94066	12:37:40	D	3.10
13	BALLIA	RASRA	S-NPP	25.89801	83.80499	12:37:40	D	3.20
14	BALLIA	RASRA	S-NPP	25.96930	83.95595	12:37:40	D	2.90
15	BALLIA	SIKANDARPUR	S-NPP	26.03575	83.99275	12:37:40	D	3.90
16	BAREILLY	BAREILLY	S-NPP	28.59086	79.40239	12:37:40	D	2.90
17	BAREILLY	FARIDPUR	S-NPP	28.24430	79.62399	12:37:40	D	7.60
18	BASTI	BASTI	S-NPP	26.82025	82.79748	12:37:40	D	2.50
19	BASTI	BHANPUR	S-NPP	27.06909	82.72935	12:37:40	D	1.70
20	BIJNOR	AFZALGARH	S-NPP	29.43243	78.65404	14:17:57	D	5.20
21	BIJNOR	AFZALGARH	S-NPP	29.43689	78.65178	14:17:57	D	10.70
22	BIJNOR	AFZALGARH	S-NPP	29.43958	78.65371	14:17:57	D	2.80
23	BIJNOR	AFZALGARH	S-NPP	29.48655	78.71161	12:37:40	D	2.00
24	BIJNOR	DHAMPUR	S-NPP	29.28985	78.64998	12:37:40	D	1.80
25	CHITRAKOOT	KARWI	S-NPP	25.31240	80.90452	01:27:40	N	1.20
26	DEORIA	DEORIA	S-NPP	26.51606	83.83176	12:37:40	D	1.60
27	DEORIA	DEORIA	S-NPP	26.53544	83.77932	12:37:40	D	3.60
28	DEORIA	DEORIA	S-NPP	26.56097	83.69557	12:37:40	D	2.30
29	DEORIA	DEORIA	S-NPP	26.58134	83.73579	12:37:40	D	1.90
30	DEORIA	DEORIA	S-NPP	26.58412	83.90083	12:37:40	D	3.80

31	DEORIA	DEORIA	S-NPP	26.66338	83.80972	12:37:40	D	2.70
32	DEORIA	DEORIA	S-NPP	26.66766	83.70308	12:37:40	D	5.50
33	DEORIA	DEORIA	S-NPP	26.67457	83.80302	12:37:40	D	4.20
34	DEORIA	DEORIA	S-NPP	26.67524	83.74207	12:37:40	D	3.10
35	ETAWAH	BHARTHNA	S-NPP	26.62287	79.25790	12:37:40	D	3.30
36	ETAWAH	BHARTHNA	S-NPP	26.76313	79.32269	12:37:40	D	2.60
37	ETAWAH	BHARTHNA	S-NPP	26.83479	79.27555	12:37:40	D	2.60
38	FATEHPUR	FATEHPUR	S-NPP	25.72622	80.95142	12:37:40	D	5.10
39	FATEHPUR	FATEHPUR	S-NPP	25.72711	80.90782	12:37:40	D	6.70
40	FATEHPUR	FATEHPUR	S-NPP	25.72823	80.94865	12:37:40	D	10.10
41	FATEHPUR	FATEHPUR	S-NPP	25.74226	80.82671	12:37:40	D	4.60
42	FATEHPUR	FATEHPUR	S-NPP	25.78243	80.78896	12:37:40	D	7.70
43	FATEHPUR	FATEHPUR	S-NPP	25.78414	80.78424	12:37:40	D	10.60
44	GONDA	MANKAPUR	S-NPP	27.11407	82.49567	12:37:40	D	3.00
45	GORAKHPUR	CHAURI CHAURA	S-NPP	26.69028	83.60295	12:37:40	D	1.80
46	GORAKHPUR	CHAURI CHAURA	S-NPP	26.72044	83.56669	12:37:40	D	3.30
47	GORAKHPUR	CHAURI CHAURA	S-NPP	26.72525	83.56968	12:37:40	D	3.30
48	GORAKHPUR	GORAKHPUR	S-NPP	26.74305	83.55291	12:37:40	D	3.50
49	GORAKHPUR	GORAKHPUR	S-NPP	26.75917	83.54903	12:37:40	D	3.70
50	GORAKHPUR	GORAKHPUR	S-NPP	26.78489	83.55115	12:37:40	D	5.40
51	GORAKHPUR	GORAKHPUR	S-NPP	26.78871	83.48339	12:37:40	D	1.60
52	GORAKHPUR	GORAKHPUR	S-NPP	26.83246	83.51500	12:37:40	D	2.90
53	GORAKHPUR	GORAKHPUR	S-NPP	26.87278	83.50525	12:37:40	D	3.70
54	GORAKHPUR	GORAKHPUR	S-NPP	26.87745	83.42023	12:37:40	D	1.80
55	GORAKHPUR	GORAKHPUR	S-NPP	26.90468	83.32899	12:37:40	D	2.60
56	GORAKHPUR	GORAKHPUR	S-NPP	26.90683	83.44694	12:37:40	D	2.90
57	GORAKHPUR	GORAKHPUR	S-NPP	26.90769	83.42992	12:37:40	D	1.60
58	HAPUR	HAPUR	S-NPP	28.71083	77.87231	12:37:40	D	1.40
59	HARDOI	HARDOI	S-NPP	27.45981	80.26750	12:37:40	D	6.60
60	HARDOI	SHAHABAD	S-NPP	27.61395	80.02949	12:37:40	D	4.40
61	HARDOI	SHAHABAD	S-NPP	27.61508	80.02744	12:37:40	D	2.50
62	HARDOI	SIWAIJPUR	S-NPP	27.48100	79.80522	12:37:40	D	5.40
63	HARDOI	SIWAIJPUR	S-NPP	27.48172	79.80841	12:37:40	D	5.40
64	JHANSI	MOTH	S-NPP	25.77721	78.96997	14:17:57	D	9.00

65	JHANSI	MOTH	S-NPP	25.80542	78.85661	12:37:40	D	1.40
66	JHANSI	MOTH	S-NPP	25.83250	78.87390	12:37:40	D	2.80
67	KANPUR	BILHAUR	S-NPP	26.65878	80.04599	12:37:40	D	1.80
68	KANPUR	BILHAUR	S-NPP	26.76289	79.97346	12:37:40	D	3.10
69	KANPUR	BILHAUR	S-NPP	26.80120	79.95613	12:37:40	D	2.30
70	KANPUR	BILHAUR	S-NPP	26.80922	79.95201	12:37:40	D	2.00
71	KANPUR	BILHAUR	S-NPP	26.81200	79.94103	12:37:40	D	1.40
72	KANPUR	GHATAMPUR	S-NPP	26.30038	80.14163	12:37:40	D	1.30
73	KANPUR DEHAT	AKBARPUR	S-NPP	26.31596	80.14430	12:37:40	D	2.10
74	KANPUR DEHAT	AKBARPUR	S-NPP	26.31668	80.14400	12:37:40	D	2.40
75	KANPUR DEHAT	AKBARPUR	S-NPP	26.42819	80.06452	12:37:40	D	1.80
76	KANPUR DEHAT	DERAPUR	S-NPP	26.54235	79.77521	12:37:40	D	2.60
77	KANPUR DEHAT	DERAPUR	S-NPP	26.54726	79.74905	12:37:40	D	2.00
78	KANPUR DEHAT	RASULABAD	S-NPP	26.59638	79.93324	12:37:40	D	1.00
79	KASGANJ	KASGANJ	S-NPP	27.93328	78.79843	14:17:57	D	5.10
80	KUSHINAGAR	HATA	S-NPP	26.78778	83.73942	12:37:40	D	2.70
81	KUSHINAGAR	HATA	S-NPP	26.81693	83.69581	12:37:40	D	3.00
82	KUSHINAGAR	HATA	S-NPP	26.82742	83.68119	12:37:40	D	2.10
83	KUSHINAGAR	HATA	S-NPP	26.83290	83.69196	12:37:40	D	2.90
84	KUSHINAGAR	HATA	S-NPP	26.83767	83.58431	12:37:40	D	1.80
85	KUSHINAGAR	HATA	S-NPP	26.85650	83.53001	12:37:40	D	2.90
86	KUSHINAGAR	HATA	S-NPP	26.87877	83.55783	12:37:40	D	4.80
87	KUSHINAGAR	HATA	S-NPP	26.89727	83.63168	12:37:40	D	3.70
88	KUSHINAGAR	HATA	S-NPP	26.90474	83.60523	12:37:40	D	7.00
89	KUSHINAGAR	HATA	S-NPP	26.91502	83.61510	12:37:40	D	3.90
90	KUSHINAGAR	KASAYA	S-NPP	26.75387	84.02184	12:37:40	D	9.70
91	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.93199	83.57397	12:37:40	D	1.70
92	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.95558	83.52277	12:37:40	D	3.10
93	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.95973	83.37085	12:37:40	D	4.60
94	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.98489	83.65148	12:37:40	D	3.00
95	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.99147	83.36451	12:37:40	D	4.20
96	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.99466	83.40173	12:37:40	D	4.50
97	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.99686	83.64860	12:37:40	D	1.60
98	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.01456	83.63209	12:37:40	D	1.50

99	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.04333	83.51933	12:37:40	D	3.30
100	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.04941	83.57150	12:37:40	D	4.00
101	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.05979	83.45298	12:37:40	D	2.10
102	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.06650	83.53027	12:37:40	D	2.30
103	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.06663	83.61654	12:37:40	D	2.70
104	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.06849	83.58333	12:37:40	D	1.60
105	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.08442	83.49279	12:37:40	D	2.80
106	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.10144	83.55891	12:37:40	D	4.30
107	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.11506	83.62935	12:37:40	D	2.90
108	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.12391	83.52460	12:37:40	D	2.30
109	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.12416	83.52454	12:37:40	D	1.50
110	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.17483	83.65541	12:37:40	D	2.60
111	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.21201	83.58948	12:37:40	D	1.10
112	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.21480	83.62547	12:37:40	D	2.70
113	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.22668	83.55728	12:37:40	D	1.80
114	MAHARAJGANJ	NAUTANWA	S-NPP	27.32812	83.34628	12:37:40	D	2.80
115	MAHARAJGANJ	NAUTANWA	S-NPP	27.36800	83.42001	12:37:40	D	2.40
116	MAHARAJGANJ	NAUTANWA	S-NPP	27.41228	83.64640	12:37:40	D	2.90
117	MAHARAJGANJ	NICHLAUL	S-NPP	27.14835	83.69431	12:37:40	D	2.50
118	MAHARAJGANJ	NICHLAUL	S-NPP	27.23195	83.71423	12:37:40	D	3.90
119	MAHARAJGANJ	NICHLAUL	S-NPP	27.23346	83.65745	12:37:40	D	2.10
120	MAHARAJGANJ	NICHLAUL	S-NPP	27.23691	83.69695	12:37:40	D	1.70
121	MAHARAJGANJ	NICHLAUL	S-NPP	27.24288	83.66326	12:37:40	D	4.50
122	MAHARAJGANJ	NICHLAUL	S-NPP	27.28072	83.65824	12:37:40	D	2.80
123	MAHARAJGANJ	NICHLAUL	S-NPP	27.32165	83.67657	12:37:40	D	3.80
124	MAHARAJGANJ	NICHLAUL	S-NPP	27.32957	83.67464	12:37:40	D	4.10
125	MAHARAJGANJ	NICHLAUL	S-NPP	27.36780	83.69428	12:37:40	D	3.00
126	MAHARAJGANJ	PHARENDA	S-NPP	27.13675	83.33353	12:37:40	D	1.80
127	MAHARAJGANJ	PHARENDA	S-NPP	27.29993	83.31112	12:37:40	D	1.30
128	MAINPURI	KARHAL	S-NPP	27.09944	78.97466	12:37:40	D	2.80
129	MAINPURI	MAINPURI	S-NPP	27.11134	79.00220	12:37:40	D	3.30
130	MAU	MAU	S-NPP	25.91342	83.48085	12:37:40	D	2.30
131	MEERUT	SARDHANA	S-NPP	29.16224	77.61109	12:37:40	D	1.90
132	MUZAFARNAGAR	BUDHANA	S-NPP	29.25983	77.36715	12:37:40	D	1.70

133	MUZAFARNAGAR	KHATOLI	S-NPP	29.38215	77.72899	12:37:40	D	1.80
134	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.42243	77.68285	12:37:40	D	1.50
135	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.64638	77.97000	12:37:40	D	1.50
136	PILHIBHIT	PURANPUR	S-NPP	28.59513	80.01938	01:27:40	N	0.50
137	PRATAPGARH	PATTI	S-NPP	25.89229	82.22305	12:37:40	D	3.50
138	RAIBEARELI	MAHARAJGANG	S-NPP	26.46628	81.18604	12:37:40	D	3.30
139	RAIBEARELI	RAEBARELI	S-NPP	26.14039	81.18173	01:27:40	N	0.70
140	RAIBEARELI	TILOI	S-NPP	26.31998	81.50241	12:37:40	D	3.00
141	SANTKABIRNAGAR	GHANGHATA	S-NPP	26.61824	83.07581	12:37:40	D	1.90
142	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.89888	82.86214	12:37:40	D	1.40
143	SANTKABIRNAGAR	MEHDAWAL	S-NPP	27.04258	83.05485	12:37:40	D	4.00
144	SANTRAVIDASNAGAR	AURAI	S-NPP	25.30327	82.61368	01:27:40	N	0.80
145	SANTRAVIDASNAGAR	GYANPUR	S-NPP	25.34508	82.47682	12:37:40	D	2.20
146	SHARANPUR	DEOBAND	S-NPP	29.69836	77.62318	12:37:40	D	5.70
147	SHARANPUR	DEOBAND	S-NPP	29.80033	77.71601	12:37:40	D	3.20
148	SHARANPUR	DEOBAND	S-NPP	29.80200	77.71473	12:37:40	D	3.10
149	SHARANPUR	NAKUR	S-NPP	29.92733	77.37657	12:37:40	D	1.50
150	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.64848	77.54194	12:37:40	D	2.50
151	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.64964	77.54137	12:37:40	D	2.50
152	SHARANPUR	SHARANPUR	S-NPP	29.94053	77.73683	12:37:40	D	4.30
153	SIDDHARTHANAGAR	BANSI	S-NPP	27.05895	82.85478	12:37:40	D	2.80
154	SIDDHARTHANAGAR	BANSI	S-NPP	27.10498	82.91076	12:37:40	D	2.50
155	SIDDHARTHANAGAR	BANSI	S-NPP	27.11911	82.91619	12:37:40	D	2.70
156	SIDDHARTHANAGAR	BANSI	S-NPP	27.11990	82.91691	12:37:40	D	2.80
157	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.11547	82.70051	12:37:40	D	1.50
158	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	27.35510	82.99815	12:37:40	D	2.20
159	SITAPUR	SITAPUR	S-NPP	27.74004	80.58794	12:37:40	D	4.20
160	SULTANPUR	JAISINGHPUR	S-NPP	26.29797	82.35510	12:37:40	D	3.30
161	SULTANPUR	KADIRPUR	S-NPP	26.24772	82.42197	12:37:40	D	4.40
162	SULTANPUR	KADIRPUR	S-NPP	26.24784	82.41924	12:37:40	D	2.60
163	SULTANPUR	SULTANPUR	S-NPP	26.28925	81.94093	12:37:40	D	4.60
164	UNNAO	HASANGANJ	S-NPP	26.67766	80.60068	12:37:40	D	3.70
165	VARANASI	VARANASI	S-NPP	25.40042	83.16351	12:37:40	D	4.10

Details of residue burning events in Rajasthan on 21-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARAN	KISHANGUNJ	S-NPP	24.90800	76.84194	14:17:57	D	2.80
2	GANGANAGAR	ANAPGARH	S-NPP	29.21032	73.17657	14:17:57	D	2.50
3	GANGANAGAR	ANAPGARH	S-NPP	29.21045	73.17589	14:17:57	D	2.90
4	GANGANAGAR	ANAPGARH	S-NPP	29.22857	73.13798	14:17:57	D	2.40
5	GANGANAGAR	SURATGARH	S-NPP	29.35786	73.95589	12:37:40	D	6.30
6	GANGANAGAR	SURATGARH	S-NPP	29.36313	73.81922	12:37:40	D	7.80
7	GANGANAGAR	SURATGARH	S-NPP	29.36556	73.78216	14:17:57	D	4.60
8	GANGANAGAR	SURATGARH	S-NPP	29.36637	73.78110	14:17:57	D	4.30
9	GANGANAGAR	SURATGARH	S-NPP	29.37580	73.76040	14:17:57	D	3.00
10	GANGANAGAR	SURATGARH	AQUA	29.32500	73.79800	15:00:05	D	12.60
11	GANGANAGAR	SURATGARH	AQUA	29.32700	73.93500	15:00:05	D	12.40
12	GANGANAGAR	SURATGARH	AQUA	29.33300	73.92700	15:00:05	D	13.90
13	GANGANAGAR	VIJAY NAGAR	S-NPP	29.19237	73.47768	14:17:57	D	0.90
14	GANGANAGAR	VIJAY NAGAR	S-NPP	29.34002	73.66666	14:17:57	D	6.50
15	GANGANAGAR	VIJAY NAGAR	S-NPP	29.34158	73.66544	14:17:57	D	5.40
16	GANGANAGAR	VIJAY NAGAR	S-NPP	29.34604	73.67391	14:17:57	D	3.40
17	HANUMANGARH	HANUMANGARH	S-NPP	29.51757	74.18894	14:17:57	D	5.30
18	HANUMANGARH	HANUMANGARH	S-NPP	29.55124	74.26675	14:17:57	D	31.70
19	HANUMANGARH	HANUMANGARH	S-NPP	29.56930	74.28229	14:17:57	D	2.60
20	HANUMANGARH	HANUMANGARH	S-NPP	29.56961	74.28655	14:17:57	D	2.60
21	HANUMANGARH	HANUMANGARH	S-NPP	29.59428	74.39239	14:17:57	D	3.00
22	HANUMANGARH	HANUMANGARH	S-NPP	29.59619	74.30132	14:17:57	D	2.60
23	HANUMANGARH	HANUMANGARH	S-NPP	29.59743	74.40524	14:17:57	D	9.70
24	HANUMANGARH	HANUMANGARH	S-NPP	29.61125	74.39097	14:17:57	D	11.70
25	HANUMANGARH	HANUMANGARH	S-NPP	29.61325	74.38641	14:17:57	D	19.30
26	HANUMANGARH	HANUMANGARH	S-NPP	29.61354	74.39074	14:17:57	D	17.80
27	HANUMANGARH	HANUMANGARH	S-NPP	29.61659	74.38618	14:17:57	D	4.90
28	HANUMANGARH	HANUMANGARH	S-NPP	29.61691	74.39050	14:17:57	D	6.60
29	HANUMANGARH	HANUMANGARH	AQUA	29.49300	74.14400	15:00:05	D	30.60
30	HANUMANGARH	HANUMANGARH	AQUA	29.49500	74.16400	15:00:05	D	16.40

31	HANUMANGARH	HANUMANGARH	AQUA	29.54000	74.24200	15:00:05	D	22.00
32	HANUMANGARH	HANUMANGARH	AQUA	29.54300	74.23400	15:00:05	D	29.40
33	HANUMANGARH	HANUMANGARH	AQUA	29.58400	74.27100	15:00:05	D	15.80
34	HANUMANGARH	HANUMANGARH	AQUA	29.60700	74.37500	15:00:05	D	76.00
35	HANUMANGARH	HANUMANGARH	AQUA	29.61700	74.35200	15:00:05	D	56.00
36	HANUMANGARH	HANUMANGARH	AQUA	29.61900	74.37300	15:00:05	D	72.40
37	HANUMANGARH	HANUMANGARH	AQUA	29.63000	74.35100	15:00:05	D	14.20
38	HANUMANGARH	PILIBANGA	S-NPP	29.35193	74.03339	14:17:57	D	6.90
39	HANUMANGARH	PILIBANGA	S-NPP	29.40015	73.94247	14:17:57	D	3.70
40	HANUMANGARH	PILIBANGA	S-NPP	29.42352	74.03443	14:17:57	D	4.80
41	HANUMANGARH	PILIBANGA	AQUA	29.34700	74.25700	15:00:05	D	13.40
42	HANUMANGARH	PILIBANGA	AQUA	29.36600	74.02200	15:00:05	D	15.40
43	HANUMANGARH	PILIBANGA	AQUA	29.37900	74.02100	15:00:05	D	28.50
44	HANUMANGARH	PILIBANGA	AQUA	29.45000	74.08700	15:00:05	D	17.10
45	HANUMANGARH	PILIBANGA	AQUA	29.45900	74.09200	15:00:05	D	33.10
46	HANUMANGARH	SANGHRIYA	S-NPP	29.63139	74.40222	14:17:57	D	4.60
47	HANUMANGARH	TIBI	S-NPP	29.51020	74.60625	14:17:57	D	8.30
48	HANUMANGARH	TIBI	S-NPP	29.51150	74.60251	14:17:57	D	5.20
49	HANUMANGARH	TIBI	S-NPP	29.51179	74.60696	14:17:57	D	5.20
50	HANUMANGARH	TIBI	S-NPP	29.52261	74.61869	14:17:57	D	5.00
51	HANUMANGARH	TIBI	S-NPP	29.52412	74.61937	14:17:57	D	8.40
52	HANUMANGARH	TIBI	S-NPP	29.52660	74.56994	14:17:57	D	2.80
53	HANUMANGARH	TIBI	S-NPP	29.52769	74.60932	14:17:57	D	7.30
54	HANUMANGARH	TIBI	S-NPP	29.52808	74.59216	14:17:57	D	4.80
55	HANUMANGARH	TIBI	S-NPP	29.52834	74.61823	14:17:57	D	4.10
56	HANUMANGARH	TIBI	S-NPP	29.52925	74.60998	14:17:57	D	7.10
57	HANUMANGARH	TIBI	S-NPP	29.53082	74.57332	14:17:57	D	2.80
58	HANUMANGARH	TIBI	S-NPP	29.53212	74.59107	14:17:57	D	4.20
59	HANUMANGARH	TIBI	S-NPP	29.53244	74.59552	14:17:57	D	4.20
60	HANUMANGARH	TIBI	S-NPP	29.53379	74.59168	14:17:57	D	4.80
61	HANUMANGARH	TIBI	S-NPP	29.53921	74.58675	14:17:57	D	4.50
62	HANUMANGARH	TIBI	S-NPP	29.55935	74.54491	14:17:57	D	4.10
63	HANUMANGARH	TIBI	S-NPP	29.56505	74.54444	14:17:57	D	4.10

64	HANUMANGARH	TIBI	S-NPP	29.56536	74.54886	14:17:57	D	4.10
65	HANUMANGARH	TIBI	S-NPP	29.56800	74.50430	14:17:57	D	6.00
66	HANUMANGARH	TIBI	S-NPP	29.56984	74.53070	14:17:57	D	3.20
67	HANUMANGARH	TIBI	S-NPP	29.57400	74.50821	14:17:57	D	5.40
68	HANUMANGARH	TIBI	S-NPP	29.57453	74.57499	12:37:40	D	3.00
69	HANUMANGARH	TIBI	S-NPP	29.57660	74.46387	14:17:57	D	3.70
70	HANUMANGARH	TIBI	S-NPP	29.58228	74.46340	14:17:57	D	3.70
71	HANUMANGARH	TIBI	S-NPP	29.58609	74.43674	14:17:57	D	5.70
72	HANUMANGARH	TIBI	S-NPP	29.59207	74.44062	14:17:57	D	5.70
73	HANUMANGARH	TIBI	S-NPP	29.59301	74.45370	14:17:57	D	4.90
74	HANUMANGARH	TIBI	S-NPP	29.59395	74.46682	14:17:57	D	1.90
75	HANUMANGARH	TIBI	S-NPP	29.59554	74.40971	14:17:57	D	18.30
76	HANUMANGARH	TIBI	S-NPP	29.59772	74.40958	14:17:57	D	19.80
77	HANUMANGARH	TIBI	S-NPP	29.59896	74.53712	14:17:57	D	3.40
78	HANUMANGARH	TIBI	S-NPP	29.60750	74.41743	14:17:57	D	6.40
79	HANUMANGARH	TIBI	S-NPP	29.60962	74.41729	14:17:57	D	5.50
80	HANUMANGARH	TIBI	S-NPP	29.64598	74.53330	14:17:57	D	4.50
81	HANUMANGARH	TIBI	AQUA	29.52400	74.61100	15:00:05	D	20.20
82	HANUMANGARH	TIBI	AQUA	29.56800	74.53900	15:00:05	D	18.50
83	HANUMANGARH	TIBI	AQUA	29.58300	74.42800	15:00:05	D	64.40
84	HANUMANGARH	TIBI	AQUA	29.58600	74.42100	15:00:05	D	31.00
85	HANUMANGARH	TIBI	AQUA	29.62100	74.52600	15:00:05	D	18.70

Details of residue burning events in Madhya Pradesh on 21-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.50460	77.70508	12:37:40	D	2.90
2	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.52856	77.69476	12:37:40	D	3.80
3	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.54052	77.80247	12:37:40	D	5.40
4	ASHOKNAGAR	CHANDERI	S-NPP	24.59515	77.96750	14:17:57	D	1.30
5	ASHOKNAGAR	ISAGARH	S-NPP	24.69621	77.85516	14:17:57	D	8.90
6	ASHOKNAGAR	ISAGARH	S-NPP	24.69772	77.85081	14:17:57	D	6.20
7	ASHOKNAGAR	MUNGAOLI	S-NPP	24.54262	77.87809	14:17:57	D	3.40
8	BHIND	GOHAD	S-NPP	26.49174	78.26846	14:17:57	D	10.10
9	BHIND	GOHAD	S-NPP	26.49174	78.27105	14:17:57	D	11.20
10	BHIND	GOHAD	S-NPP	26.49780	78.25694	14:17:57	D	16.20
11	BHIND	GOHAD	S-NPP	26.49825	78.26117	14:17:57	D	10.80
12	BHIND	GOHAD	S-NPP	26.51070	78.35337	12:37:40	D	2.80
13	BHIND	GOHAD	S-NPP	26.51469	78.29570	12:37:40	D	6.60
14	BHIND	GOHAD	S-NPP	26.51826	78.28592	12:37:40	D	5.40
15	BHIND	LAHAR	S-NPP	26.00310	78.79221	12:37:40	D	2.40
16	CHHINDWARA	AMARWARA	S-NPP	22.67150	79.18907	12:37:40	D	8.30
17	DAMOH	TENDUKHERA	S-NPP	23.57362	79.57763	12:37:40	D	2.00
18	DATIA	BHANDER	S-NPP	25.60524	78.66401	12:37:40	D	1.50
19	DATIA	BHANDER	S-NPP	25.88774	78.66936	12:37:40	D	3.40
20	DATIA	BHANDER	S-NPP	25.89598	78.63447	14:17:57	D	4.40
21	DATIA	BHANDER	S-NPP	25.89759	78.63715	14:17:57	D	3.10
22	DATIA	BHANDER	S-NPP	25.89881	78.69166	12:37:40	D	8.20
23	DATIA	BHANDER	S-NPP	25.90832	78.70121	14:17:57	D	5.60
24	DATIA	BHANDER	S-NPP	25.91156	78.69653	12:37:40	D	5.40
25	DATIA	BHANDER	S-NPP	25.91249	78.70049	12:37:40	D	5.40
26	DATIA	BHANDER	S-NPP	25.91342	78.70444	12:37:40	D	6.00
27	DATIA	BHANDER	S-NPP	25.91840	78.66177	14:17:57	D	4.30
28	DATIA	BHANDER	S-NPP	25.91910	78.75333	12:37:40	D	9.00
29	DATIA	BHANDER	AQUA	25.90200	78.67900	15:00:05	D	26.40

30	DATIA	SEONDHA	S-NPP	25.84370	78.55749	12:37:40	D	2.70
31	DATIA	SEONDHA	S-NPP	25.84587	78.55701	12:37:40	D	3.50
32	DATIA	SEONDHA	S-NPP	25.85879	78.59634	12:37:40	D	3.30
33	DATIA	SEONDHA	S-NPP	25.86045	78.57866	12:37:40	D	4.90
34	DATIA	SEONDHA	S-NPP	25.86069	78.59597	12:37:40	D	3.80
35	DATIA	SEONDHA	S-NPP	25.88680	78.59229	14:17:57	D	4.80
36	DATIA	SEONDHA	S-NPP	25.88816	78.59504	14:17:57	D	5.90
37	DATIA	SEONDHA	S-NPP	25.92430	78.70137	12:37:40	D	4.40
38	DATIA	SEONDHA	S-NPP	25.93518	78.69831	12:37:40	D	4.80
39	DATIA	SEONDHA	S-NPP	25.95589	78.58091	14:17:57	D	6.50
40	DATIA	SEONDHA	S-NPP	25.97387	78.64276	12:37:40	D	6.20
41	DATIA	SEONDHA	S-NPP	25.97497	78.64470	12:37:40	D	8.60
42	DATIA	SEONDHA	S-NPP	25.97783	78.68395	12:37:40	D	5.30
43	DATIA	SEONDHA	S-NPP	25.97868	78.68599	12:37:40	D	3.40
44	DATIA	SEONDHA	S-NPP	25.98140	78.67450	12:37:40	D	4.00
45	DATIA	SEONDHA	S-NPP	25.98230	78.67653	12:37:40	D	11.50
46	DATIA	SEONDHA	S-NPP	25.98234	78.67847	12:37:40	D	5.30
47	DATIA	SEONDHA	S-NPP	25.98409	78.65910	12:37:40	D	2.30
48	DATIA	SEONDHA	S-NPP	25.98503	78.68841	12:37:40	D	5.70
49	DATIA	SEONDHA	S-NPP	25.98515	78.69033	12:37:40	D	10.50
50	DATIA	SEONDHA	S-NPP	25.98594	78.69237	12:37:40	D	7.90
51	DATIA	SEONDHA	S-NPP	25.99047	78.68688	12:37:40	D	5.70
52	DATIA	SEONDHA	S-NPP	25.99059	78.68881	12:37:40	D	7.60
53	DATIA	SEONDHA	S-NPP	25.99098	78.61673	12:37:40	D	3.20
54	DATIA	SEONDHA	S-NPP	25.99137	78.69082	12:37:40	D	7.90
55	DATIA	SEONDHA	S-NPP	26.06415	78.75608	12:37:40	D	7.70
56	DINDORI	SHAPURA	S-NPP	23.15757	80.74269	12:37:40	D	1.70
57	GUNA	GUNA	S-NPP	24.58908	77.46882	12:37:40	D	2.70
58	GUNA	GUNA	S-NPP	24.61195	77.45725	14:17:57	D	4.00
59	GUNA	GUNA	S-NPP	24.99110	77.10849	01:27:40	N	0.50
60	GUNA	GUNA	AQUA	24.61300	77.44900	15:00:05	D	19.20
61	GWALIOR	BHITARWAR	S-NPP	25.73378	78.10108	12:37:40	D	3.50
62	GWALIOR	BHITARWAR	S-NPP	25.77269	78.14213	14:17:57	D	3.60

63	GWALIOR	BHITARWAR	S-NPP	25.77376	78.08999	12:37:40	D	2.30
64	GWALIOR	BHITARWAR	S-NPP	25.77591	78.14929	12:37:40	D	5.10
65	GWALIOR	BHITARWAR	S-NPP	25.80763	78.08024	12:37:40	D	3.20
66	GWALIOR	BHITARWAR	S-NPP	25.80863	78.03344	12:37:40	D	4.70
67	GWALIOR	BHITARWAR	S-NPP	25.81429	78.03181	12:37:40	D	4.70
68	GWALIOR	BHITARWAR	S-NPP	25.81835	78.15089	12:37:40	D	3.40
69	GWALIOR	BHITARWAR	S-NPP	25.83554	78.06581	12:37:40	D	4.40
70	GWALIOR	BHITARWAR	S-NPP	25.84047	78.06610	12:37:40	D	3.80
71	GWALIOR	BHITARWAR	S-NPP	25.91170	78.05025	14:17:57	D	5.00
72	GWALIOR	BHITARWAR	S-NPP	25.93557	78.10647	12:37:40	D	2.40
73	GWALIOR	BHITARWAR	S-NPP	25.93641	78.10638	12:37:40	D	2.80
74	GWALIOR	BHITARWAR	S-NPP	26.00417	78.20190	14:17:57	D	4.30
75	GWALIOR	BHITARWAR	S-NPP	26.00689	78.24984	12:37:40	D	6.10
76	GWALIOR	BHITARWAR	S-NPP	26.00789	78.25401	12:37:40	D	9.00
77	GWALIOR	DABRA	S-NPP	25.85383	78.16629	12:37:40	D	2.90
78	GWALIOR	DABRA	S-NPP	25.85710	78.16262	12:37:40	D	2.20
79	GWALIOR	DABRA	S-NPP	25.87109	78.22240	12:37:40	D	2.90
80	GWALIOR	DABRA	S-NPP	25.87273	78.17006	12:37:40	D	2.60
81	GWALIOR	DABRA	S-NPP	25.87346	78.25803	12:37:40	D	3.40
82	GWALIOR	DABRA	S-NPP	25.88198	78.25826	12:37:40	D	5.50
83	GWALIOR	DABRA	S-NPP	25.90831	78.26865	12:37:40	D	2.60
84	GWALIOR	DABRA	S-NPP	25.90889	78.24615	12:37:40	D	2.50
85	GWALIOR	DABRA	S-NPP	25.94207	78.33736	14:17:57	D	3.60
86	GWALIOR	GWALIOR	S-NPP	26.30234	78.14667	12:37:40	D	3.00
87	GWALIOR	GWALIOR	S-NPP	26.32741	78.28854	12:37:40	D	2.20
88	GWALIOR	GWALIOR	S-NPP	26.33273	78.33521	12:37:40	D	4.00
89	GWALIOR	GWALIOR	S-NPP	26.33489	78.33669	12:37:40	D	6.00
90	HOSHANGABAD	BABAI	S-NPP	22.77588	78.05045	14:17:57	D	5.60
91	HOSHANGABAD	BABAI	S-NPP	22.77631	78.05639	14:17:57	D	10.50
92	HOSHANGABAD	BABAI	S-NPP	22.77788	78.05355	14:17:57	D	12.50
93	HOSHANGABAD	BABAI	S-NPP	22.78245	78.04994	14:17:57	D	3.70
94	HOSHANGABAD	BABAI	S-NPP	22.78571	78.02613	12:37:40	D	3.20
95	HOSHANGABAD	BABAI	S-NPP	22.79091	77.80894	14:17:57	D	5.80

96	HOSHANGABAD	BABAI	S-NPP	22.79867	77.82545	14:17:57	D	3.90
97	HOSHANGABAD	BANKHERI	S-NPP	22.72731	78.43238	12:37:40	D	9.10
98	HOSHANGABAD	BANKHERI	S-NPP	22.86691	78.54002	12:37:40	D	2.60
99	HOSHANGABAD	BANKHERI	S-NPP	22.89840	78.47356	12:37:40	D	2.40
100	HOSHANGABAD	BANKHERI	S-NPP	22.91220	78.55853	12:37:40	D	3.00
101	HOSHANGABAD	HOSHANGABAD	S-NPP	22.73019	77.69738	14:17:57	D	3.00
102	HOSHANGABAD	SEONI MALWA	S-NPP	22.62846	77.49609	01:27:40	N	0.50
103	HOSHANGABAD	SEONI MALWA	S-NPP	22.63008	77.49648	01:27:40	N	0.50
104	HOSHANGABAD	SOHAGPUR	S-NPP	22.79402	78.15116	01:27:40	N	1.30
105	HOSHANGABAD	SOHAGPUR	S-NPP	22.79502	78.15214	01:27:40	N	1.10
106	JABALPUR	JABALPUR	S-NPP	23.01706	79.93423	12:37:40	D	4.30
107	JABALPUR	JABALPUR	S-NPP	23.14090	80.16122	12:37:40	D	4.80
108	JABALPUR	JABALPUR	S-NPP	23.14269	80.15982	12:37:40	D	4.60
109	JABALPUR	JABALPUR	S-NPP	23.23907	79.87569	12:37:40	D	7.90
110	JABALPUR	JABALPUR	S-NPP	23.25353	79.86394	12:37:40	D	3.30
111	JABALPUR	JABALPUR	S-NPP	23.27028	79.93900	12:37:40	D	2.00
112	JABALPUR	JABALPUR	S-NPP	23.27232	79.92268	12:37:40	D	4.60
113	JABALPUR	JABALPUR	S-NPP	23.27933	79.98172	14:17:57	D	6.30
114	JABALPUR	JABALPUR	S-NPP	23.28557	79.98226	12:37:40	D	1.60
115	JABALPUR	JABALPUR	S-NPP	23.30007	79.84505	14:17:57	D	6.80
116	JABALPUR	JABALPUR	S-NPP	23.30064	79.84267	14:17:57	D	7.40
117	JABALPUR	JABALPUR	S-NPP	23.30655	79.94928	12:37:40	D	2.10
118	JABALPUR	JABALPUR	S-NPP	23.30716	79.84727	12:37:40	D	12.70
119	JABALPUR	JABALPUR	S-NPP	23.30737	79.84991	12:37:40	D	21.50
120	JABALPUR	JABALPUR	S-NPP	23.30781	79.95005	12:37:40	D	2.40
121	JABALPUR	JABALPUR	S-NPP	23.30786	79.85252	14:17:57	D	6.80
122	JABALPUR	JABALPUR	S-NPP	23.30801	79.85104	12:37:40	D	12.70
123	JABALPUR	JABALPUR	S-NPP	23.30820	79.85368	12:37:40	D	15.70
124	JABALPUR	JABALPUR	S-NPP	23.30821	79.90540	12:37:40	D	4.10
125	JABALPUR	JABALPUR	S-NPP	23.30835	79.90260	12:37:40	D	3.60
126	JABALPUR	JABALPUR	S-NPP	23.30920	79.90633	12:37:40	D	3.60
127	JABALPUR	JABALPUR	S-NPP	23.31358	79.90401	12:37:40	D	3.20
128	JABALPUR	JABALPUR	S-NPP	23.31532	79.96950	14:17:57	D	7.10

129	JABALPUR	JABALPUR	S-NPP	23.31550	79.97176	14:17:57	D	7.70
130	JABALPUR	JABALPUR	S-NPP	23.32140	79.91382	12:37:40	D	2.00
131	JABALPUR	JABALPUR	S-NPP	23.32324	79.99305	12:37:40	D	2.30
132	JABALPUR	JABALPUR	S-NPP	23.32557	79.87828	12:37:40	D	1.70
133	JABALPUR	JABALPUR	S-NPP	23.33214	80.05703	12:37:40	D	3.80
134	JABALPUR	JABALPUR	S-NPP	23.33549	80.05518	12:37:40	D	2.10
135	JABALPUR	JABALPUR	S-NPP	23.33624	79.95055	12:37:40	D	4.10
136	JABALPUR	JABALPUR	S-NPP	23.35144	79.94270	12:37:40	D	9.30
137	JABALPUR	JABALPUR	S-NPP	23.35679	79.94131	12:37:40	D	9.30
138	JABALPUR	JABALPUR	S-NPP	23.36012	79.95613	12:37:40	D	2.50
139	JABALPUR	MAJHOULI	S-NPP	23.36881	79.96967	12:37:40	D	2.30
140	JABALPUR	MAJHOULI	S-NPP	23.38181	79.97366	14:17:57	D	8.30
141	JABALPUR	MAJHOULI	S-NPP	23.38231	79.97356	14:17:57	D	6.20
142	JABALPUR	MAJHOULI	S-NPP	23.38914	79.97323	14:17:57	D	8.30
143	JABALPUR	MAJHOULI	S-NPP	23.38965	79.97309	14:17:57	D	6.20
144	JABALPUR	MAJHOULI	S-NPP	23.45856	80.01759	14:17:57	D	19.40
145	JABALPUR	MAJHOULI	S-NPP	23.46168	80.04594	12:37:40	D	2.20
146	JABALPUR	MAJHOULI	S-NPP	23.48002	80.00256	12:37:40	D	2.80
147	JABALPUR	MAJHOULI	S-NPP	23.51648	79.93864	12:37:40	D	4.40
148	JABALPUR	MAJHOULI	S-NPP	23.52029	79.93814	14:17:57	D	4.40
149	JABALPUR	MAJHOULI	S-NPP	23.52515	79.90118	12:37:40	D	3.10
150	JABALPUR	MAJHOULI	S-NPP	23.52621	79.90011	12:37:40	D	2.80
151	JABALPUR	MAJHOULI	S-NPP	23.52984	80.02455	12:37:40	D	3.30
152	JABALPUR	MAJHOULI	S-NPP	23.55544	79.90430	12:37:40	D	3.70
153	JABALPUR	PATAN	S-NPP	23.19780	79.79407	12:37:40	D	10.70
154	JABALPUR	PATAN	S-NPP	23.19867	79.79789	12:37:40	D	10.70
155	JABALPUR	PATAN	S-NPP	23.20299	79.81696	12:37:40	D	6.50
156	JABALPUR	PATAN	S-NPP	23.21323	79.68415	12:37:40	D	5.20
157	JABALPUR	PATAN	S-NPP	23.22159	79.75563	14:17:57	D	17.30
158	JABALPUR	PATAN	S-NPP	23.23940	79.77518	12:37:40	D	1.40
159	JABALPUR	PATAN	S-NPP	23.24332	79.75430	14:17:57	D	8.00
160	JABALPUR	PATAN	S-NPP	23.29966	79.78909	12:37:40	D	19.60
161	JABALPUR	PATAN	S-NPP	23.31156	79.76582	12:37:40	D	1.90

162	JABALPUR	PATAN	S-NPP	23.32246	79.83932	12:37:40	D	4.40
163	JABALPUR	PATAN	S-NPP	23.34514	79.73684	12:37:40	D	4.80
164	JABALPUR	PATAN	S-NPP	23.34539	79.73796	14:17:57	D	8.50
165	JABALPUR	PATAN	S-NPP	23.38587	79.84275	12:37:40	D	2.50
166	JABALPUR	SAHPURA	S-NPP	23.15964	79.70219	12:37:40	D	3.60
167	JABALPUR	SAHPURA	S-NPP	23.15984	79.70235	12:37:40	D	3.60
168	JABALPUR	SAHPURA	S-NPP	23.18492	79.78216	14:17:57	D	6.60
169	JABALPUR	SAHPURA	S-NPP	23.18675	79.78117	14:17:57	D	8.40
170	JABALPUR	SAHPURA	S-NPP	23.19116	79.76624	14:17:57	D	5.00
171	JABALPUR	SAHPURA	S-NPP	23.19308	79.76517	14:17:57	D	3.00
172	JABALPUR	SAHPURA	S-NPP	23.19638	79.73488	14:17:57	D	7.40
173	JABALPUR	SAHPURA	S-NPP	23.19848	79.73374	14:17:57	D	5.30
174	JABALPUR	SAHPURA	AQUA	23.17700	79.75800	15:00:05	D	46.50
175	JABALPUR	SAHPURA	AQUA	23.18000	79.79900	15:00:05	D	33.50
176	JABALPUR	SIHORA	S-NPP	23.39384	80.00598	12:37:40	D	2.30
177	JABALPUR	SIHORA	S-NPP	23.40805	80.09514	12:37:40	D	2.60
178	JABALPUR	SIHORA	S-NPP	23.42024	80.09964	12:37:40	D	4.30
179	JABALPUR	SIHORA	S-NPP	23.42624	80.22724	12:37:40	D	1.80
180	JABALPUR	SIHORA	S-NPP	23.43013	80.16953	12:37:40	D	4.90
181	JABALPUR	SIHORA	S-NPP	23.43222	80.15376	12:37:40	D	1.40
182	JABALPUR	SIHORA	S-NPP	23.45641	80.23822	12:37:40	D	7.30
183	KATNI	BAHURIBAND	S-NPP	23.64244	80.06752	12:37:40	D	1.60
184	KATNI	BAHURIBAND	S-NPP	23.68303	79.98423	12:37:40	D	3.50
185	KATNI	BAHURIBAND	S-NPP	23.74367	79.97971	12:37:40	D	1.00
186	KATNI	BAHURIBAND	S-NPP	23.76355	79.99377	12:37:40	D	1.60
187	KATNI	BARHI	S-NPP	23.72000	80.82354	12:37:40	D	2.80
188	KATNI	BARHI	S-NPP	23.72199	80.82126	12:37:40	D	4.40
189	KATNI	BARHI	S-NPP	23.72504	80.82226	12:37:40	D	2.80
190	KATNI	BARHI	S-NPP	23.81684	80.75444	12:37:40	D	2.30
191	KATNI	BIJERAGHOGARH	S-NPP	23.94681	80.72953	12:37:40	D	0.80
192	KATNI	DHIMERKHEDA	S-NPP	23.46828	80.31730	12:37:40	D	1.20
193	KATNI	DHIMERKHEDA	S-NPP	23.47621	80.27802	12:37:40	D	3.90
194	KATNI	MURBARA	S-NPP	23.74293	80.34995	12:37:40	D	1.70

195	KATNI	RITHI	S-NPP	23.78521	80.24361	12:37:40	D	1.40
196	MANDLA	NAINPUR	S-NPP	22.44476	80.09451	12:37:40	D	2.60
197	MANDLA	NAINPUR	S-NPP	22.47148	80.11105	12:37:40	D	2.20
198	MANDLA	NAINPUR	S-NPP	22.52040	80.07486	12:37:40	D	1.80
199	NARSHIMAPURA	GADARWARA	S-NPP	22.82568	78.62955	12:37:40	D	3.80
200	NARSHIMAPURA	GADARWARA	S-NPP	22.84745	78.64319	12:37:40	D	1.90
201	NARSHIMAPURA	GADARWARA	S-NPP	22.85225	78.69022	12:37:40	D	2.80
202	PANNA	PAWAI	S-NPP	24.32692	80.20386	12:37:40	D	1.80
203	PANNA	SHAHNAGAR	S-NPP	23.85455	79.95078	12:37:40	D	3.70
204	PANNA	SHAHNAGAR	S-NPP	23.85620	79.95802	12:37:40	D	6.90
205	PANNA	SHAHNAGAR	S-NPP	23.85829	79.95628	12:37:40	D	5.60
206	PANNA	SHAHNAGAR	S-NPP	23.85909	79.95991	12:37:40	D	6.00
207	PANNA	SHAHNAGAR	S-NPP	23.86230	79.96024	12:37:40	D	4.70
208	RAISEN	BARELI	S-NPP	22.88009	78.04588	14:17:57	D	8.30
209	RAISEN	BARELI	S-NPP	22.88094	78.04234	14:17:57	D	5.90
210	RAISEN	BARELI	S-NPP	22.88708	78.05130	14:17:57	D	5.90
211	RAISEN	BARELI	S-NPP	22.88719	78.07681	12:37:40	D	3.10
212	RAISEN	BARELI	S-NPP	22.88767	78.07788	12:37:40	D	4.50
213	RAISEN	BARELI	S-NPP	22.89447	78.05383	12:37:40	D	4.80
214	RAISEN	BARELI	S-NPP	22.89507	78.05480	12:37:40	D	6.30
215	RAISEN	BARELI	S-NPP	22.89565	78.05878	12:37:40	D	4.80
216	RAISEN	BARELI	S-NPP	22.91459	78.11961	01:27:40	N	0.50
217	RAISEN	GOHARGANJ	S-NPP	23.00095	77.65422	14:17:57	D	3.20
218	RAISEN	GOHARGANJ	S-NPP	23.00353	77.62954	12:37:40	D	3.70
219	RAISEN	GOHARGANJ	S-NPP	23.03256	77.62653	14:17:57	D	3.90
220	RAISEN	GOHARGANJ	S-NPP	23.05070	77.69882	14:17:57	D	6.70
221	RAISEN	GOHARGANJ	S-NPP	23.07388	77.48866	14:17:57	D	3.50
222	RAISEN	GOHARGANJ	S-NPP	23.08195	77.57420	12:37:40	D	5.00
223	RAISEN	RAISEN	S-NPP	23.50431	77.74574	14:17:57	D	5.50
224	RAISEN	RAISEN	S-NPP	23.51080	77.74524	14:17:57	D	5.50
225	RAISEN	SILVANI	S-NPP	23.19502	78.35026	01:27:40	N	0.30
226	RAISEN	UDAIPURA	S-NPP	23.11729	78.65282	01:27:40	N	0.70
227	REWA	HUZUR	S-NPP	24.41549	81.28111	12:37:40	D	3.70

228	REWA	TEONTHAR	S-NPP	24.99695	81.42457	12:37:40	D	8.20
229	SATNA	AMARPATAN	S-NPP	24.37570	81.19137	12:37:40	D	4.80
230	SATNA	MAIHAR	S-NPP	24.16447	80.93603	12:37:40	D	2.20
231	SATNA	MAIHAR	S-NPP	24.24705	80.86310	12:37:40	D	5.50
232	SATNA	NAGOD	S-NPP	24.47026	80.45597	12:37:40	D	1.90
233	SATNA	NAGOD	S-NPP	24.55402	80.46366	12:37:40	D	1.40
234	SATNA	NAGOD	S-NPP	24.56326	80.68816	12:37:40	D	1.40
235	SATNA	NAGOD	S-NPP	24.62326	80.63354	12:37:40	D	1.70
236	SATNA	NAGOD	S-NPP	24.62777	80.44634	12:37:40	D	2.70
237	SATNA	NAGOD	S-NPP	24.62850	80.44962	12:37:40	D	2.70
238	SATNA	NAGOD	S-NPP	24.63055	80.44704	12:37:40	D	4.40
239	SATNA	NAGOD	S-NPP	24.63186	80.62452	12:37:40	D	6.50
240	SATNA	RAGURAJNAGAR	S-NPP	24.64997	80.78033	12:37:40	D	1.60
241	SATNA	RAMNAGAR	S-NPP	24.20416	81.31384	12:37:40	D	5.80
242	SATNA	RAMPURBAGHLEAN	S-NPP	24.53629	81.09798	12:37:40	D	3.40
243	SATNA	RAMPURBAGHLEAN	S-NPP	24.53773	81.09716	12:37:40	D	4.50
244	SATNA	UCHAHAR	S-NPP	24.41245	80.83663	12:37:40	D	1.80
245	SEHORE	BUDHNI	S-NPP	22.90309	77.98258	12:37:40	D	2.30
246	SEONI	GHANSAUR	S-NPP	22.76398	80.21544	12:37:40	D	2.40
247	SEONI	KEWLARI	S-NPP	22.43179	79.93615	12:37:40	D	5.80
248	SEONI	KEWLARI	S-NPP	22.43289	79.93660	12:37:40	D	3.80
249	SEONI	SEONI	S-NPP	22.10714	79.47563	12:37:40	D	1.90
250	SEONI	SEONI	S-NPP	22.10814	79.47531	12:37:40	D	2.30
251	SHEOPUR	SHEOPUR	S-NPP	25.46849	76.58937	14:17:57	D	7.50
252	SHEOPUR	SHEOPUR	S-NPP	25.47402	76.59126	14:17:57	D	10.10
253	SHEOPUR	SHEOPUR	S-NPP	25.47949	76.58035	14:17:57	D	13.30
254	SHEOPUR	SHEOPUR	S-NPP	25.48008	76.57802	14:17:57	D	9.30
255	SHEOPUR	SHEOPUR	S-NPP	25.49512	76.62637	14:17:57	D	3.50
256	SHEOPUR	SHEOPUR	S-NPP	25.60583	76.59365	12:37:40	D	3.20
257	SHEOPUR	SHEOPUR	S-NPP	25.70855	76.56550	12:37:40	D	4.40
258	SHEOPUR	SHEOPUR	S-NPP	25.79988	76.64131	12:37:40	D	2.90
259	SHEOPUR	SHEOPUR	S-NPP	25.92239	76.81675	14:17:57	D	2.50
260	SHEOPUR	SHEOPUR	S-NPP	25.92573	76.81356	14:17:57	D	2.30

261	SHEOPUR	SHEOPUR	AQUA	25.77400	76.57000	15:00:05	D	17.50
262	SHEOPUR	SHEOPUR	AQUA	25.84200	76.69700	15:00:05	D	20.20
263	SHIVPURI	NARWAR	S-NPP	25.59637	78.21343	12:37:40	D	5.30
264	SHIVPURI	NARWAR	S-NPP	25.59739	78.21777	12:37:40	D	5.30
265	SHIVPURI	NARWAR	S-NPP	25.61332	78.10672	12:37:40	D	4.60
266	SHIVPURI	NARWAR	S-NPP	25.61443	78.10717	12:37:40	D	4.60
267	SHIVPURI	NARWAR	S-NPP	25.63037	78.09975	14:17:57	D	4.70
268	SHIVPURI	NARWAR	S-NPP	25.64899	78.12511	12:37:40	D	3.70
269	SHIVPURI	NARWAR	S-NPP	25.66146	78.17705	12:37:40	D	1.60
270	SHIVPURI	NARWAR	S-NPP	25.68702	78.13280	12:37:40	D	4.30
271	SHIVPURI	SHIVPURI	S-NPP	25.39541	77.57547	14:17:57	D	3.10
272	SIDHI	CHORHAT	S-NPP	24.44037	81.65402	12:37:40	D	2.90
273	SIDHI	CHORHAT	S-NPP	24.44069	81.65641	12:37:40	D	2.70
274	WEST NIMAR	BARWAH	S-NPP	22.14237	75.93666	14:17:57	D	1.90

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**

Study Team

ICAR - HQ	Dr Rajbir Singh	ADG-NRM (AAF&CC)	adgagroandaf@gmail.com
ICAR - IARI	Dr V.K. Sehgal	Principal & Nodal Scientist	iaricreams@gmail.com
	Dr Rajkumar Dhakar	Senior Scientist	raidhakar.iari@gmail.com
	Mr Mohd Jahangir	Lab Assistant (KRISHI)	mjahangir198@gmail.com
ICAR - ATARI	Dr Parvender Sheoran	Director ATARI (Zone-I) Ludhiana	zcu1ldh@gmail.com
	Dr. J.P. Mishra	Director ATARI (Zone-II) Jodhpur	jp.mishra67@gov.in
	Dr S.K. Dubey	Director ATARI (Zone-III) Kanpur	zpdicarkanpur@gmail.com
ICAR - IASRI	Dr Rajender Parsad	Director	rajender.parsad@icar.gov.in

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](#)
