

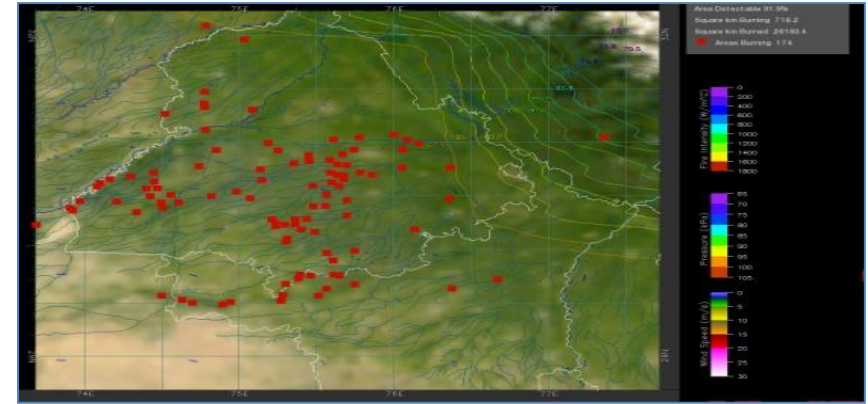
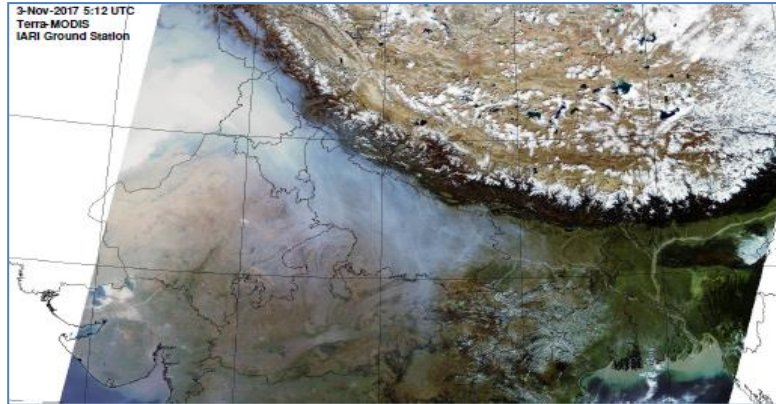


MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2024

Bulletin
No. 69

Events Date:
22-Nov-2024

Issued on:
22-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

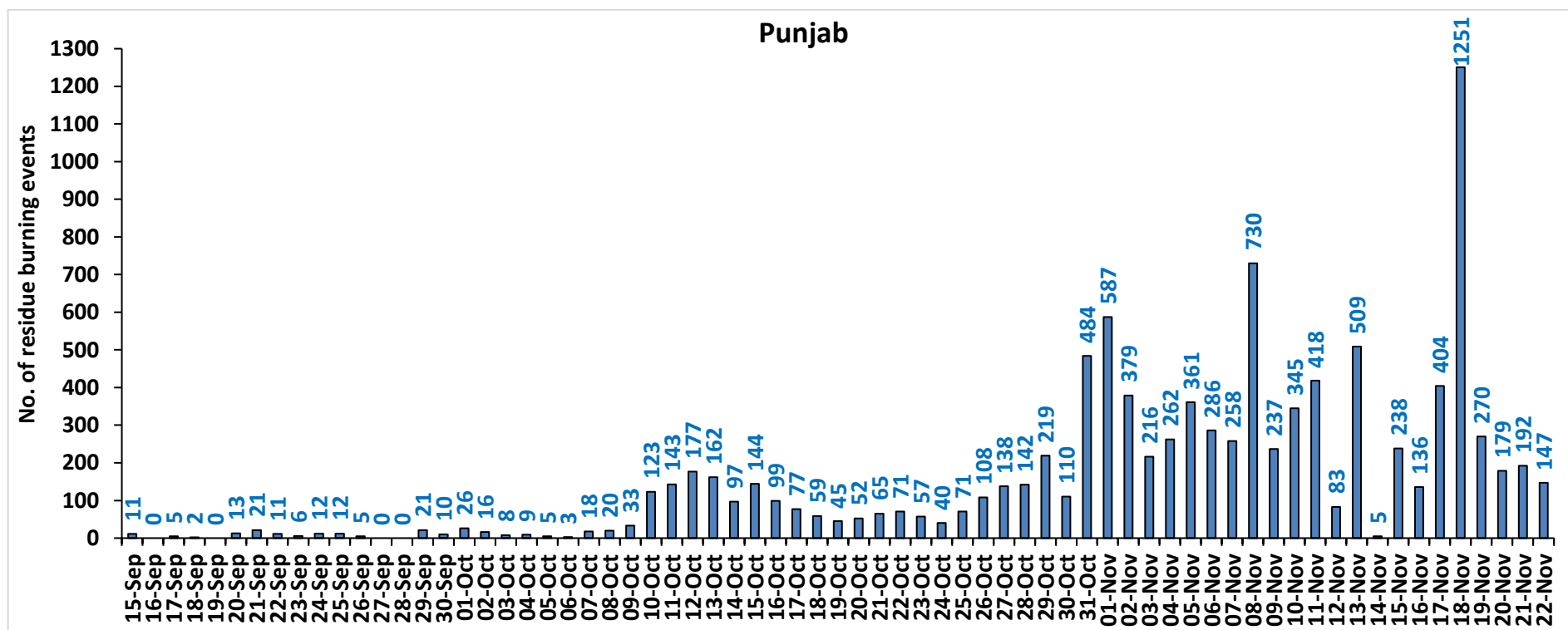
<https://creams.iari.res.in>

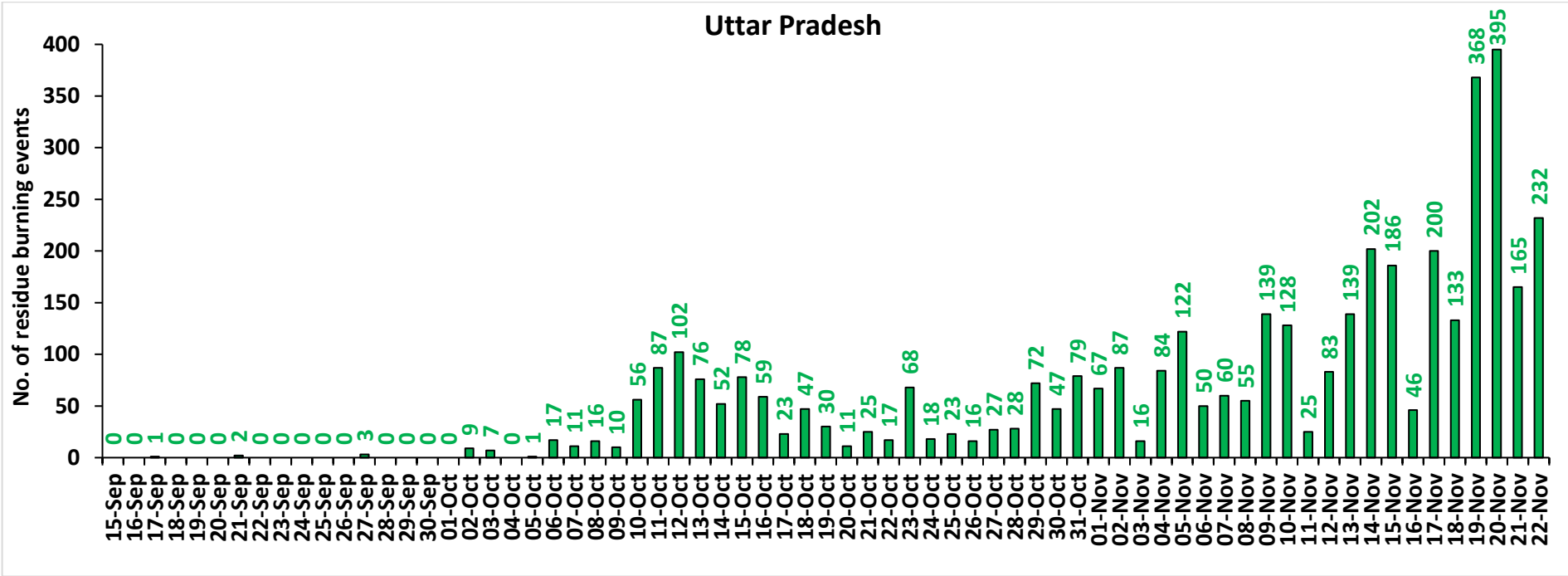
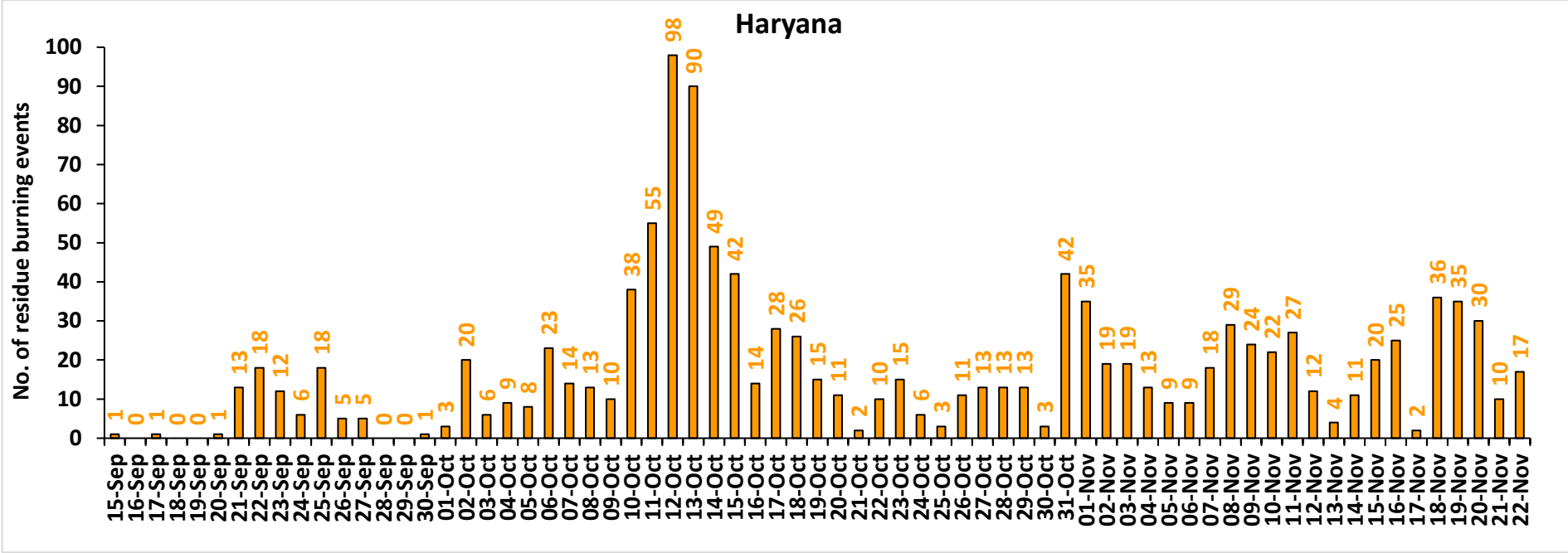


Highlights for 22-Nov-2024

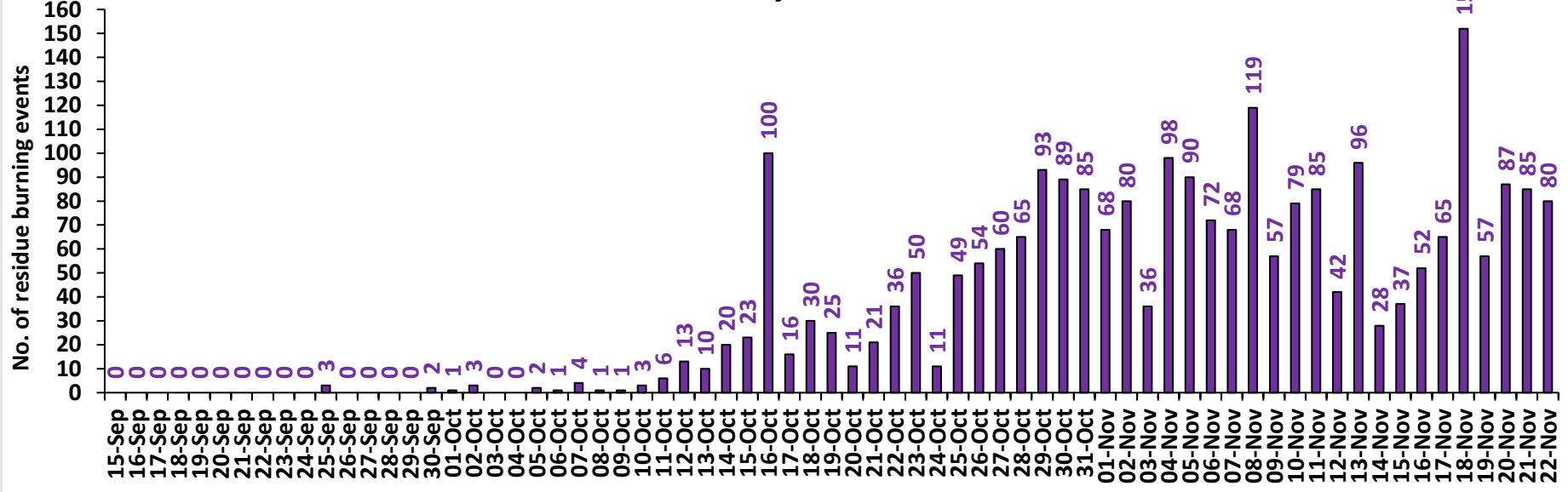
- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol " recommended by CAQM.
- Satellites detected **872** residue burning events in the six study States on **22-Nov-2024**.
- The state wise events detected on **22-Nov-2024** were **147** in Punjab, **17** in Haryana, **232** in UP, **00** in Delhi, **80** in Rajasthan and **396** in MP.
- Total **31595** burning events were detected in the six states between **15-Sept-2024** and **22-Nov-2024**, which are distributed as **10443**, **1210**, **4100**, **12**, **2521** and **13309** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

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

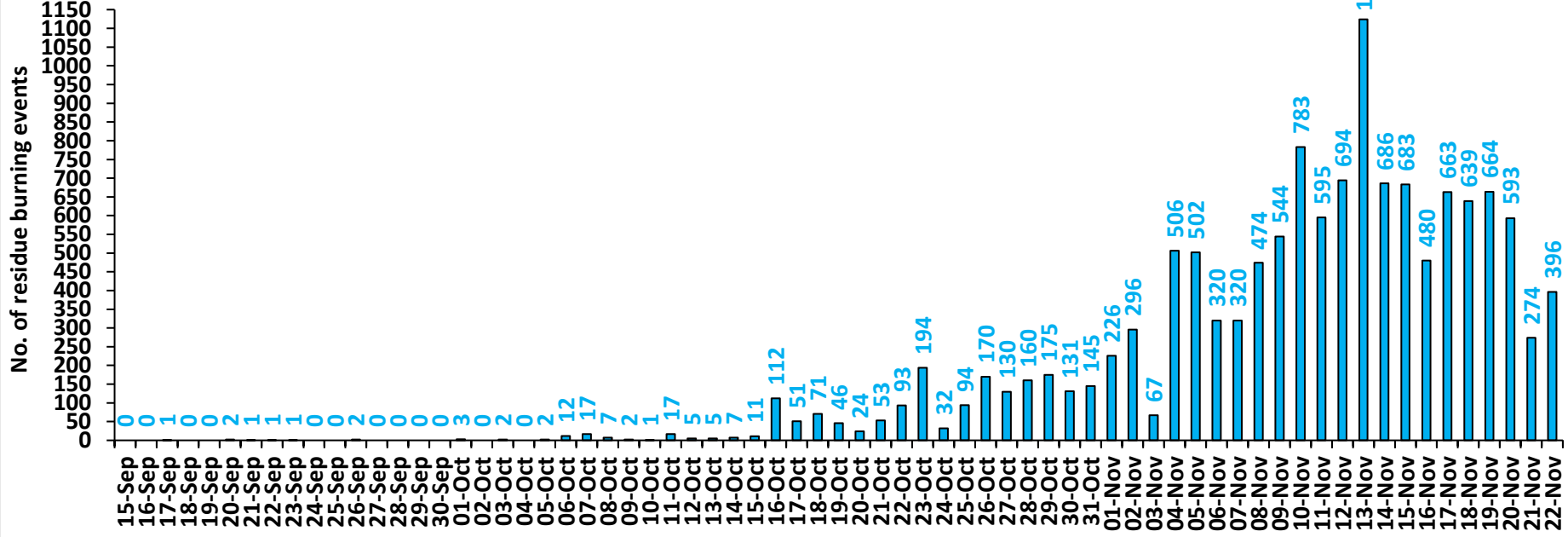




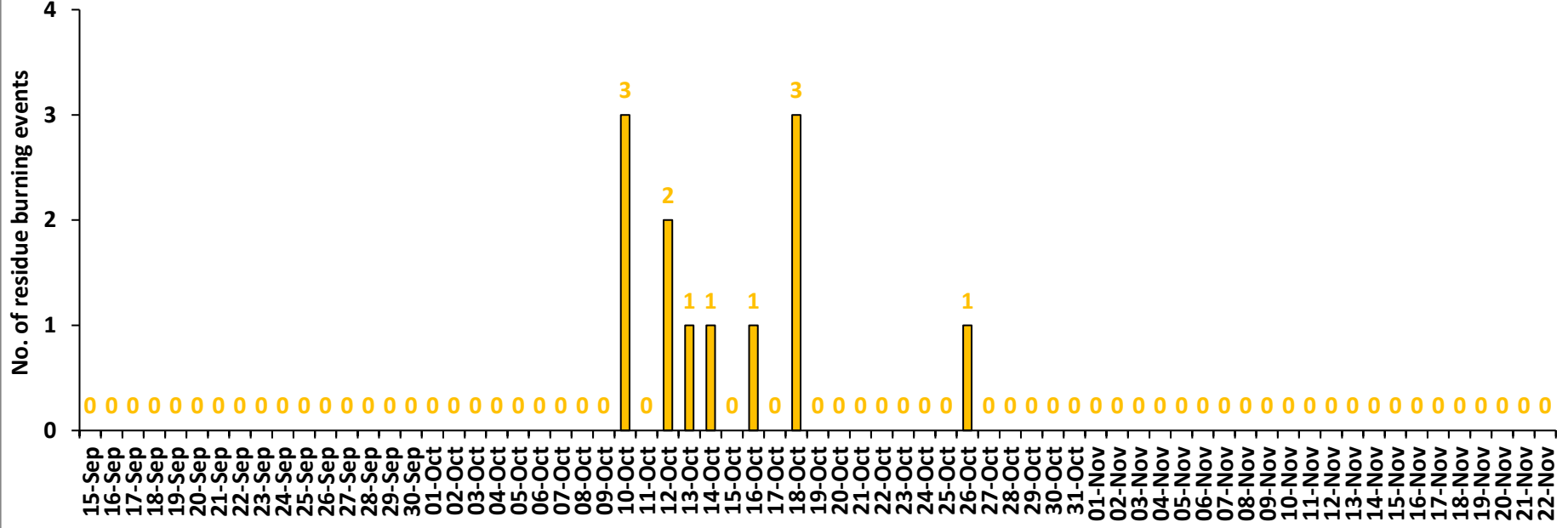
Rajasthan



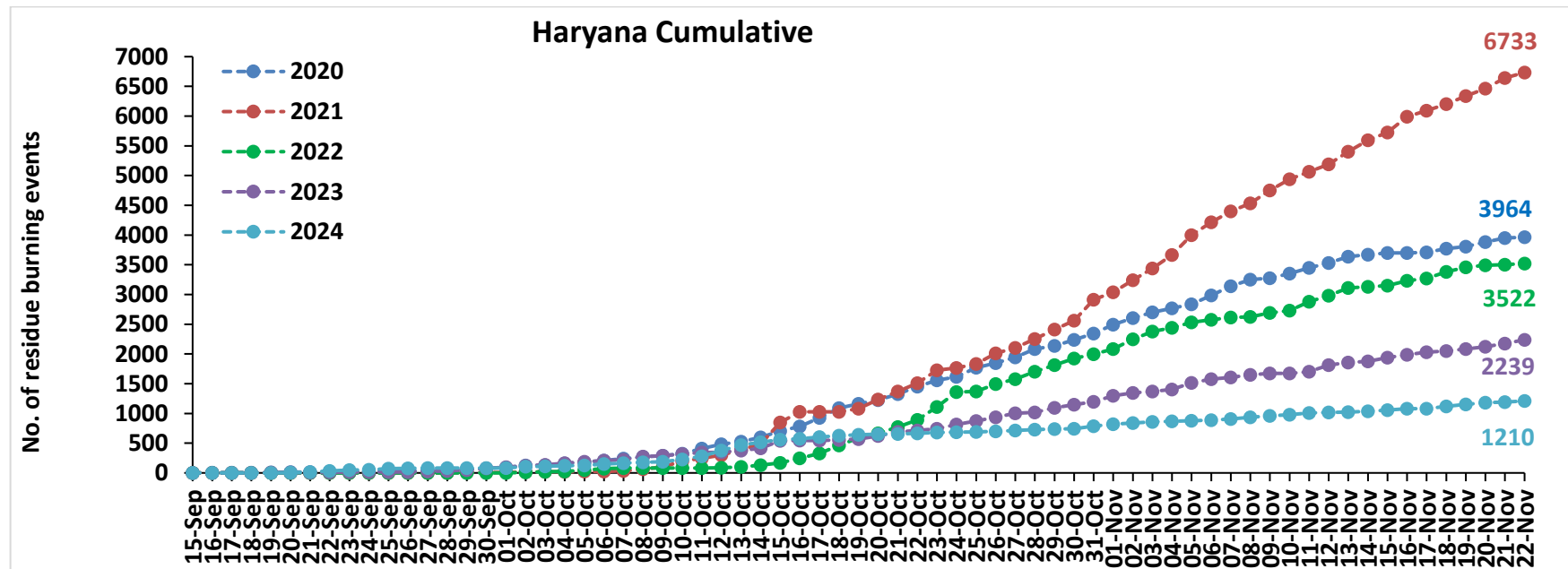
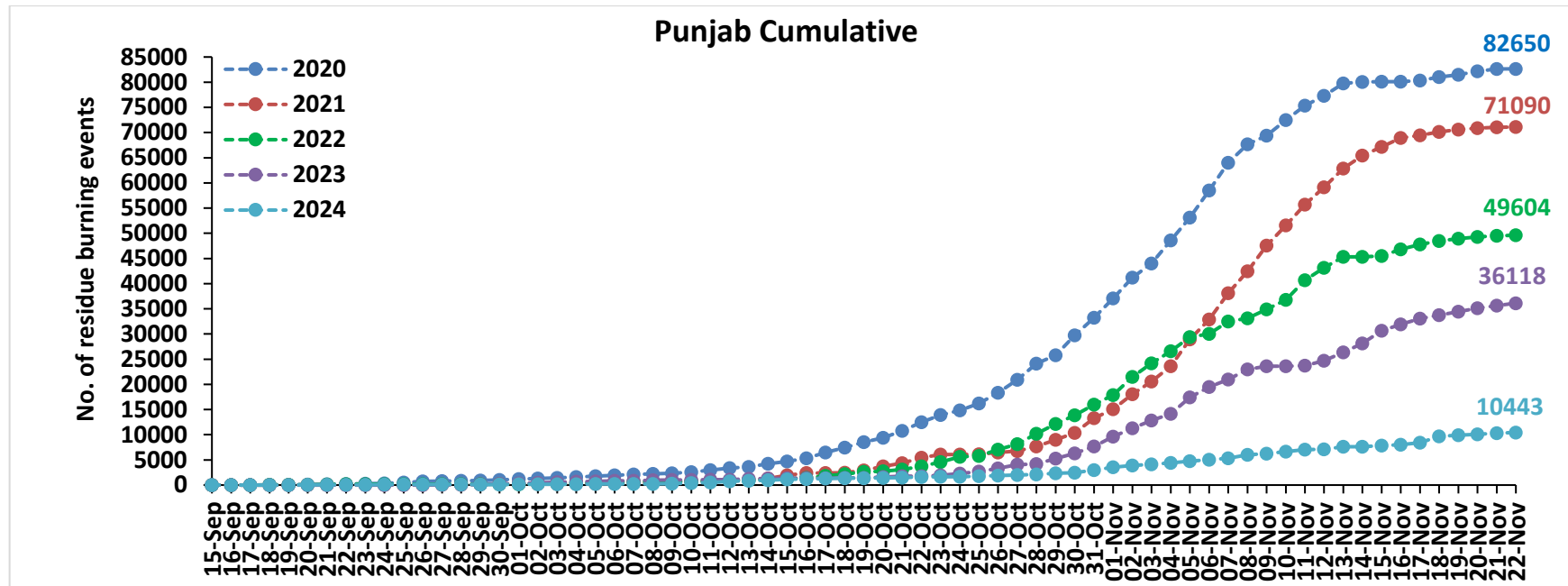
Madhya Pradesh



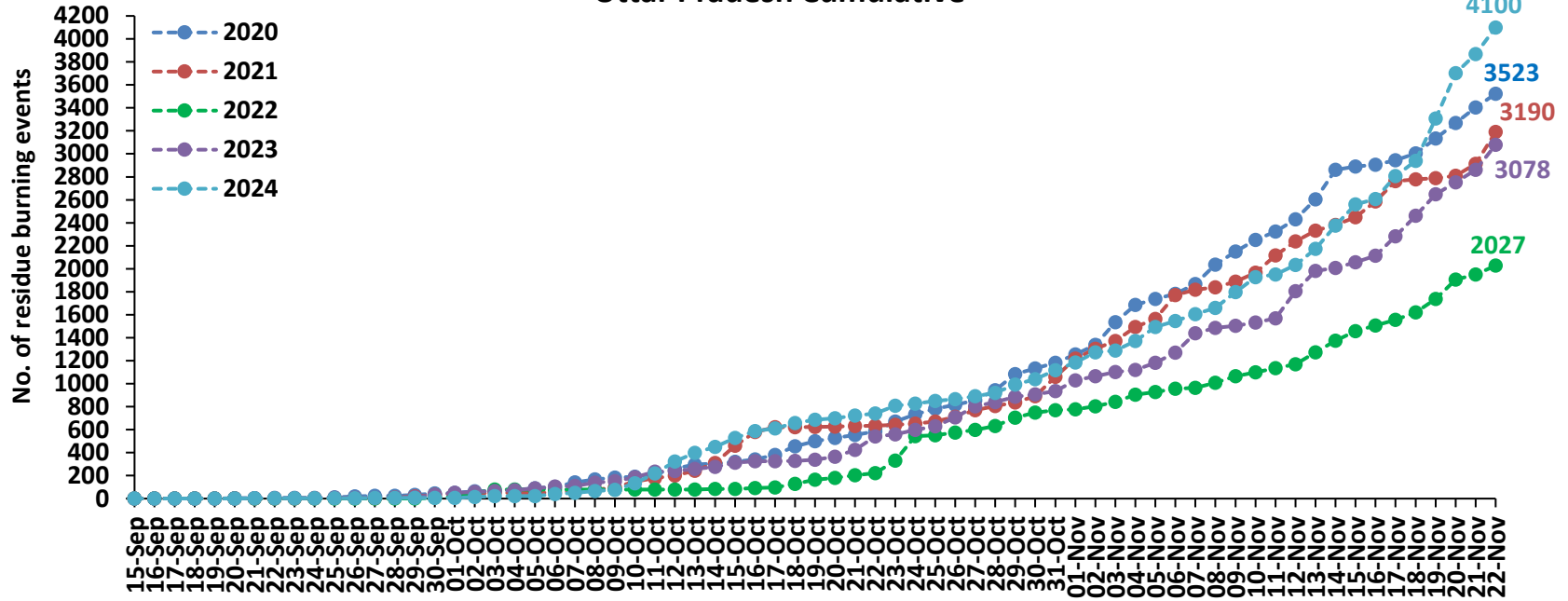
Delhi



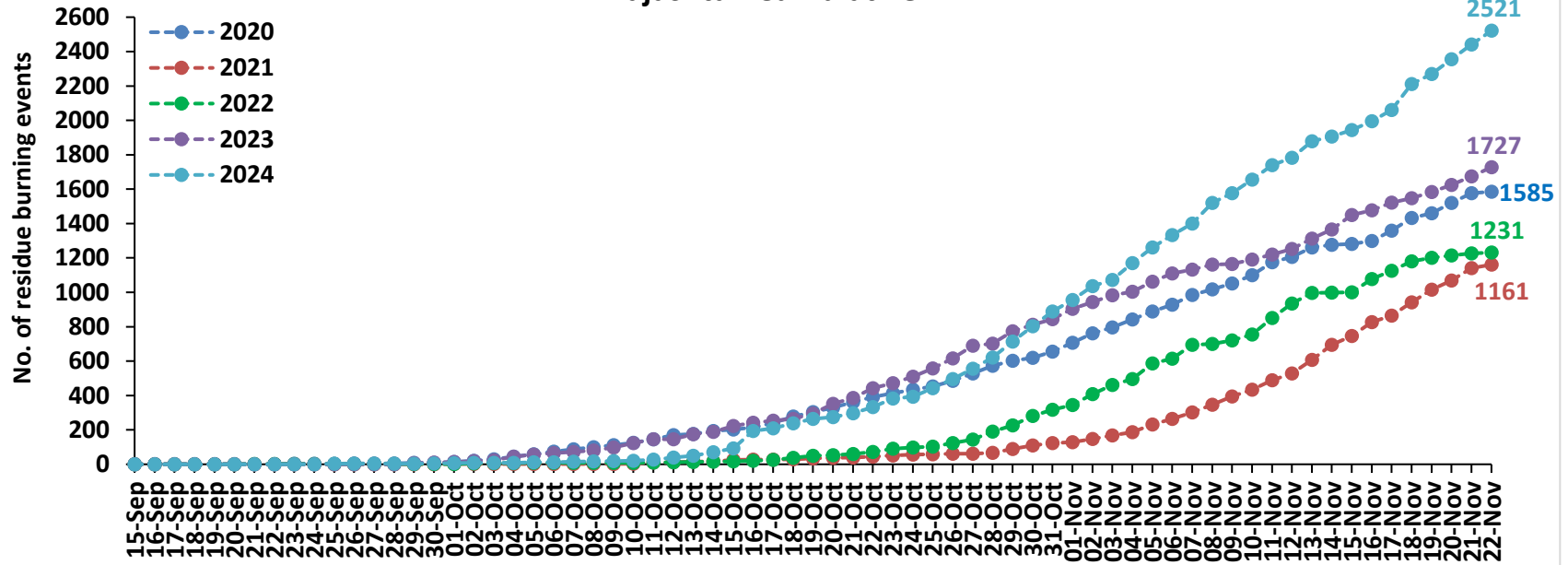
Comparison of residue burning events in current year (2024) with previous years (2020, 2021, 2022 and 2023) for the study States

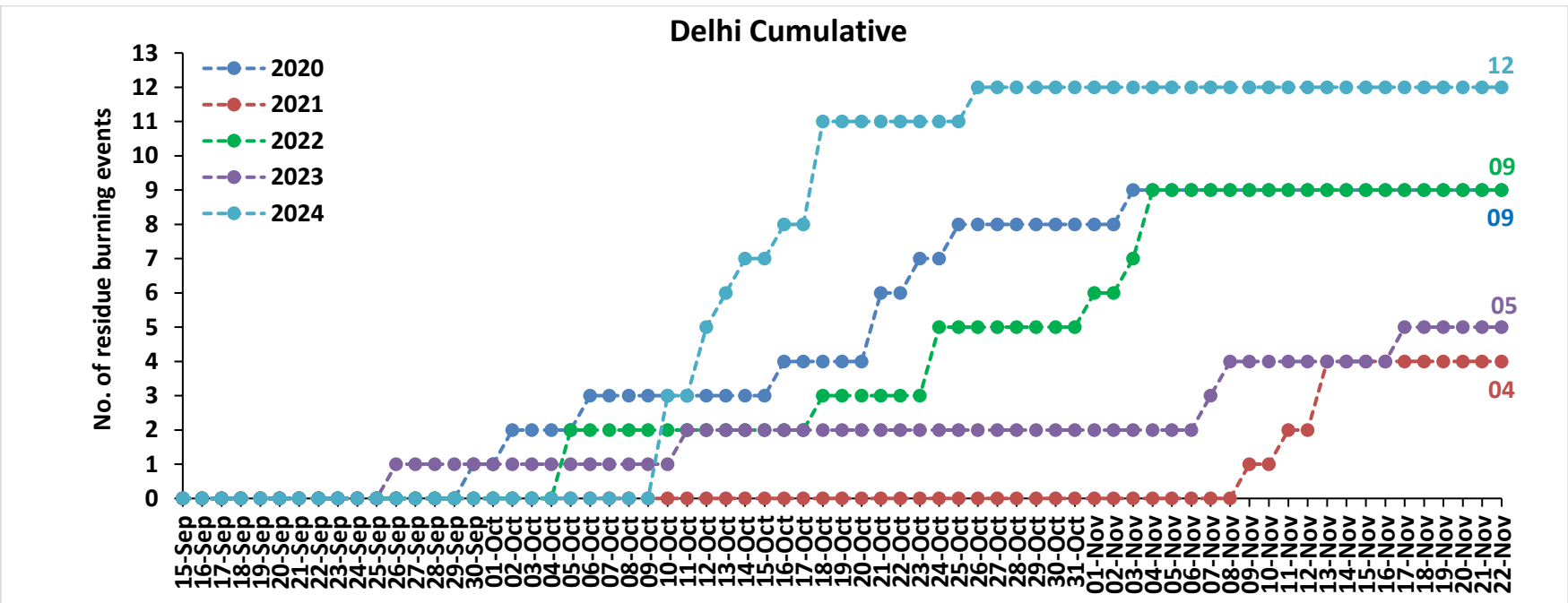
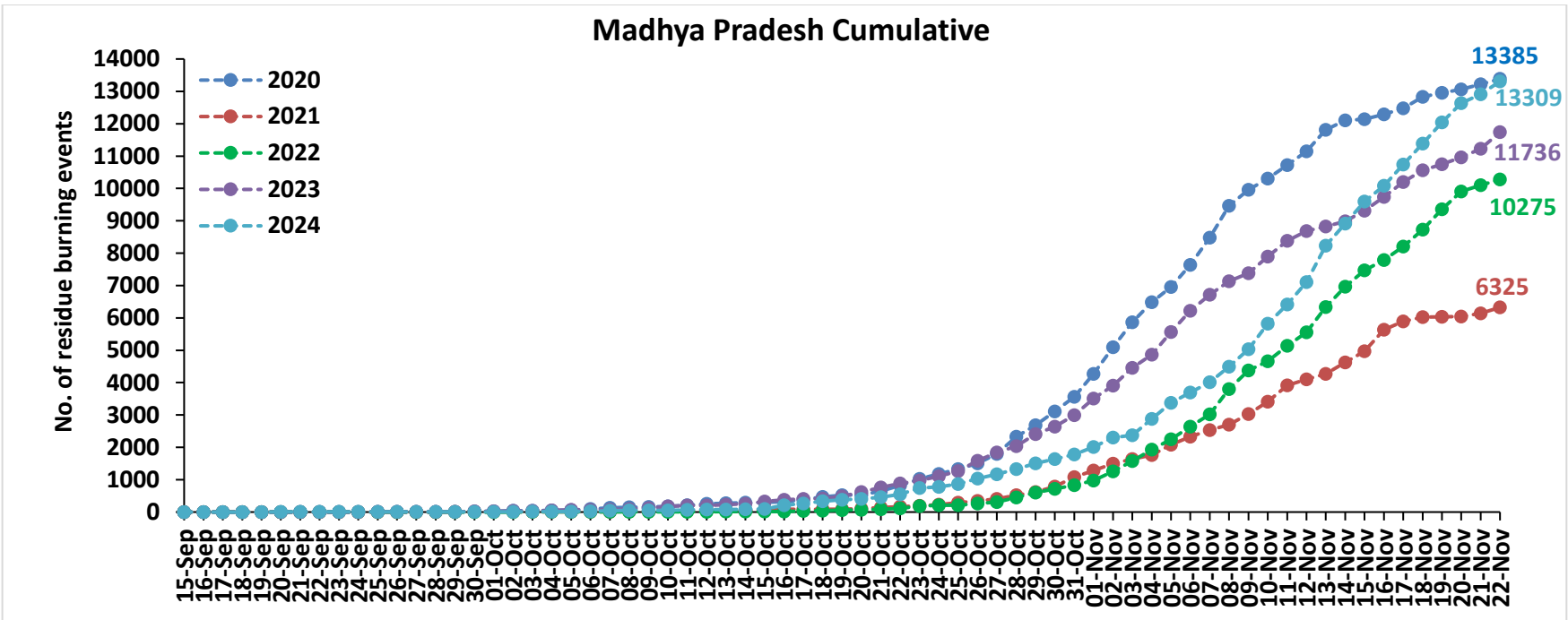


Uttar Pradesh Cumulative

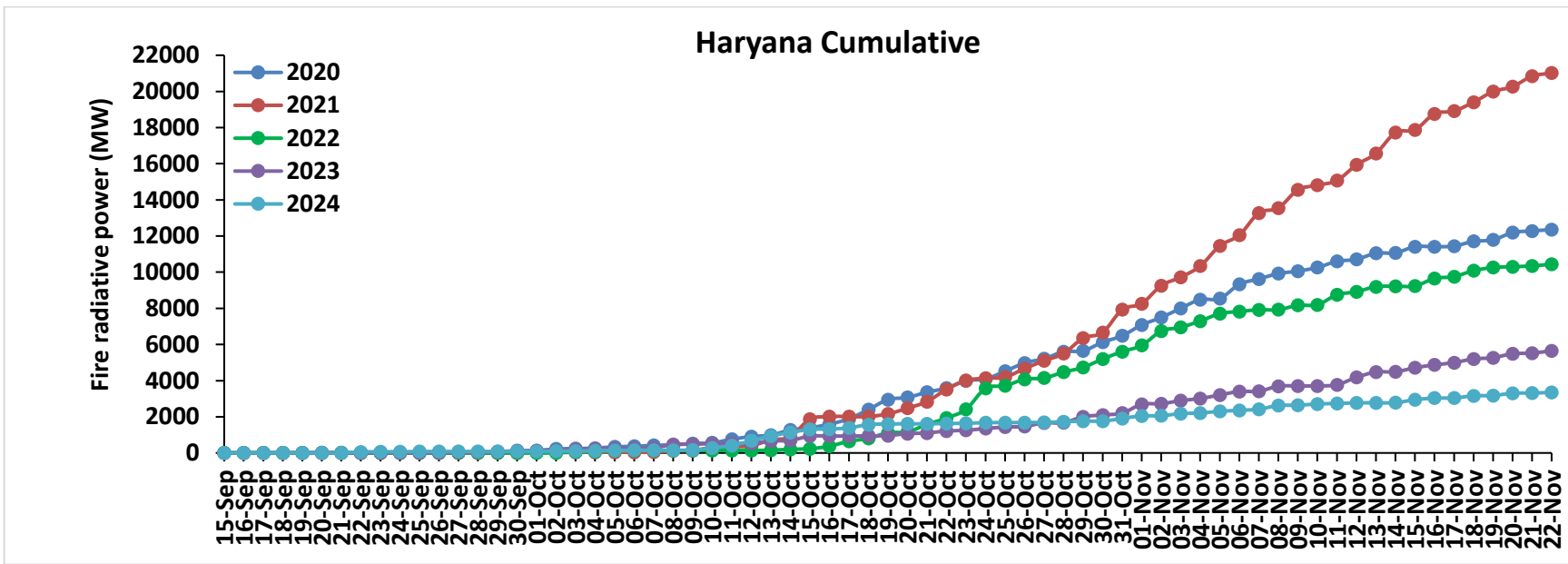
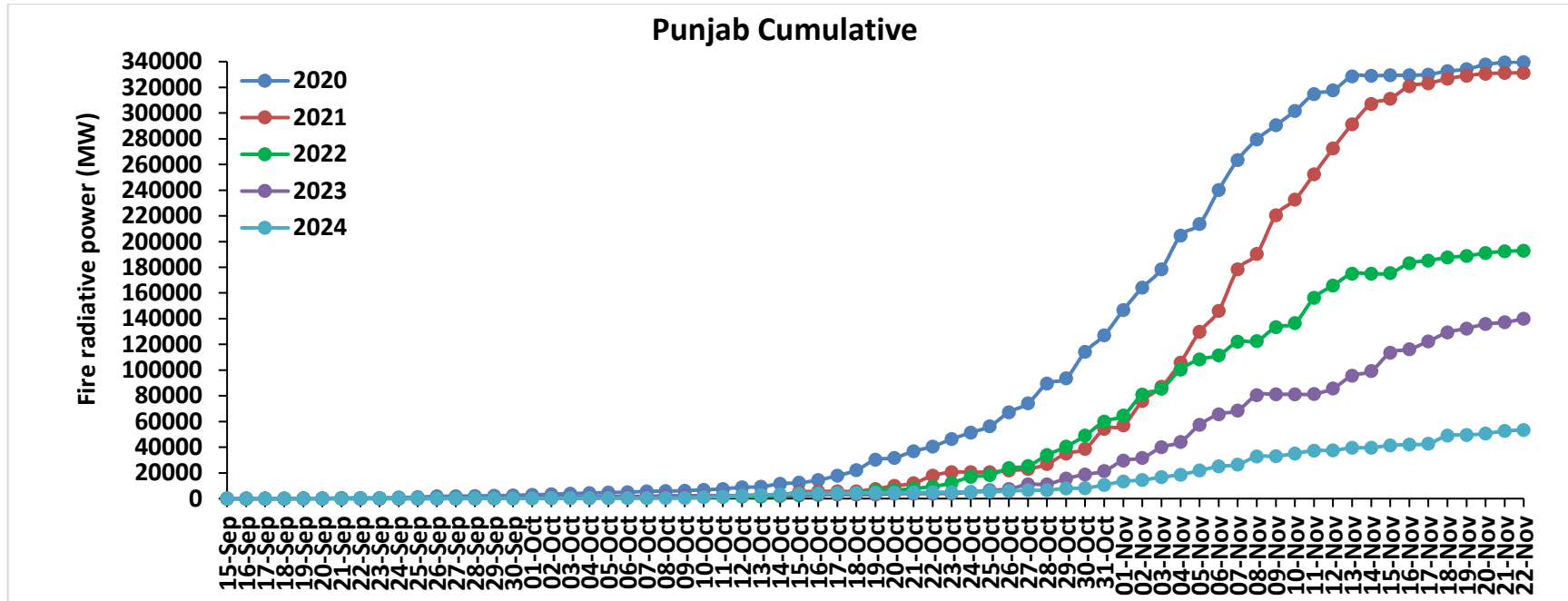


Rajasthan Cumulative

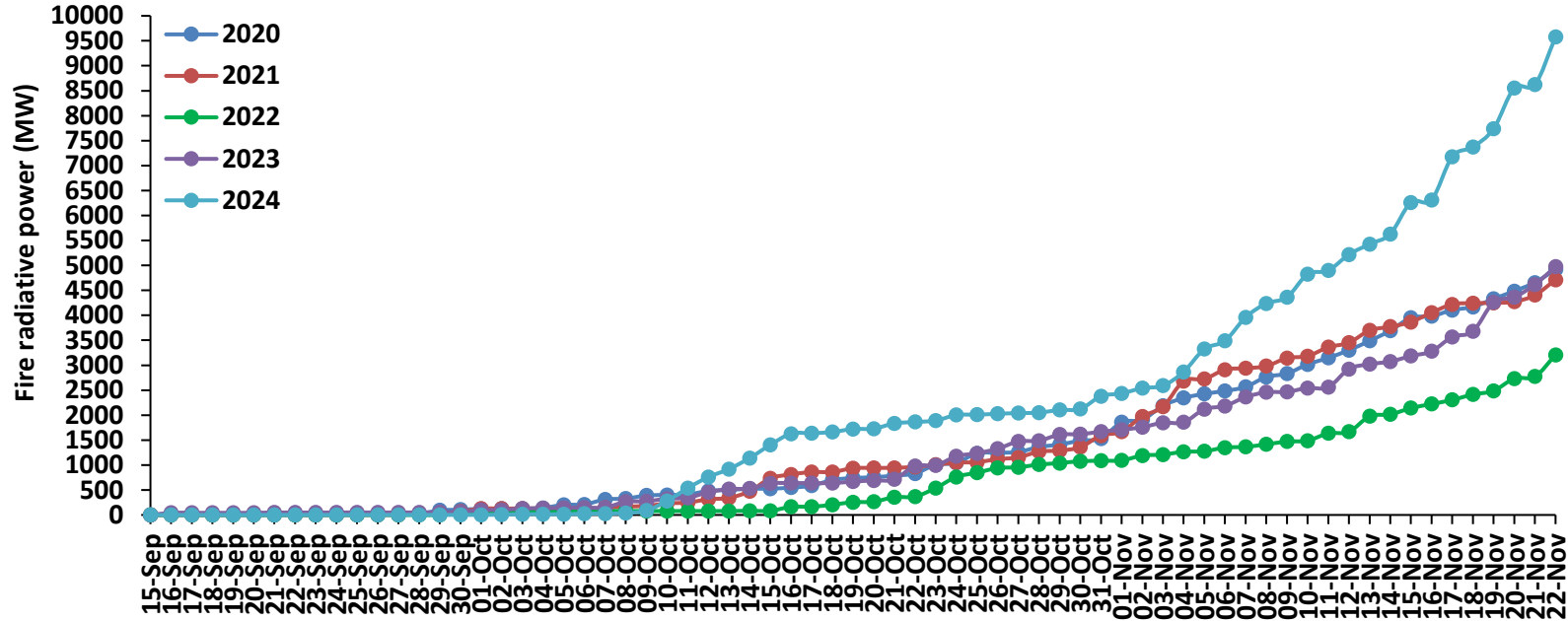




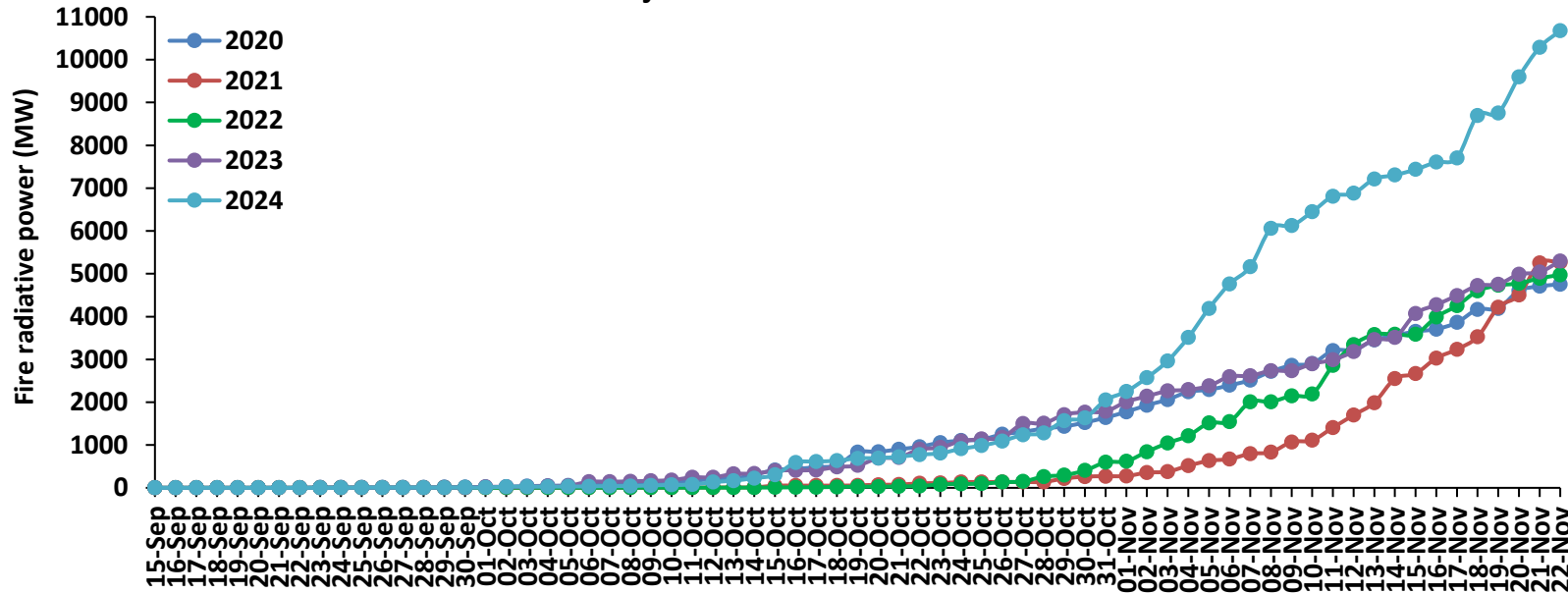
Comparison of residue burning fire power in current year (2024) with previous years (2020,2021,2022 and 2023) for the study States



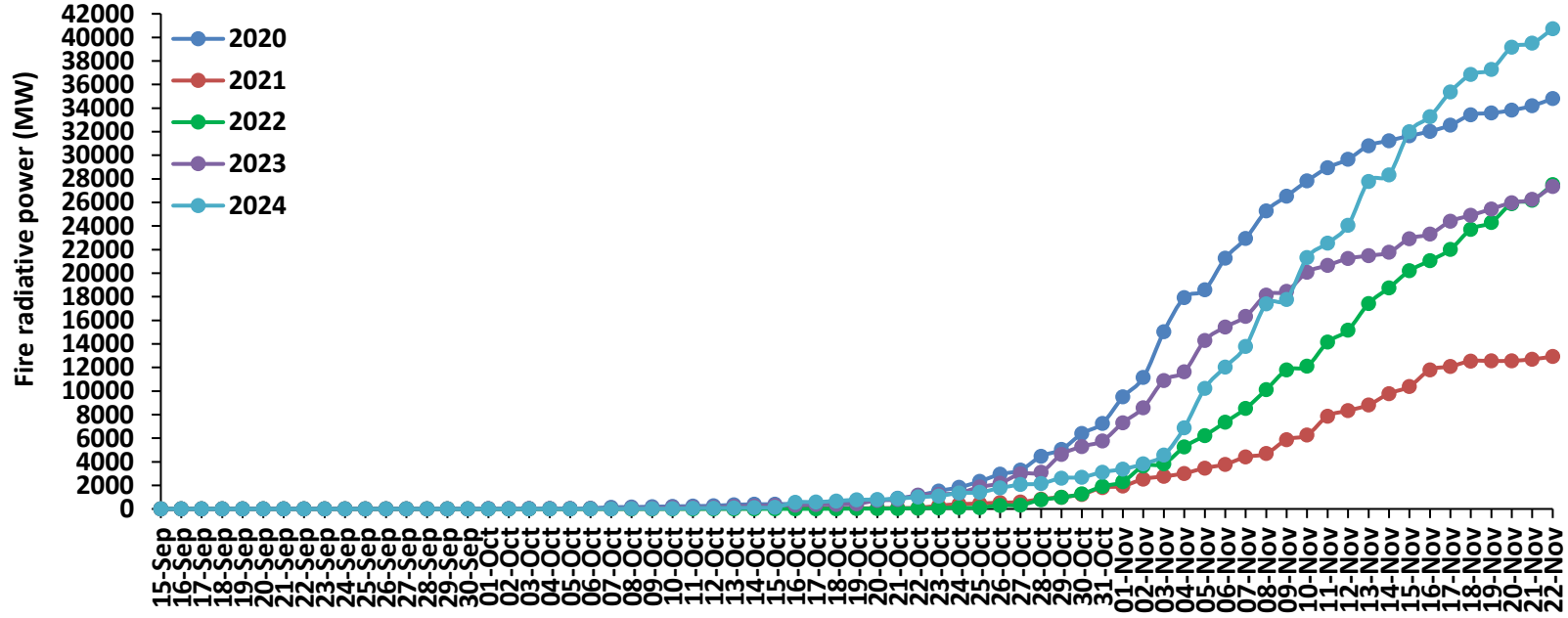
Uttar Pradesh Cumulative



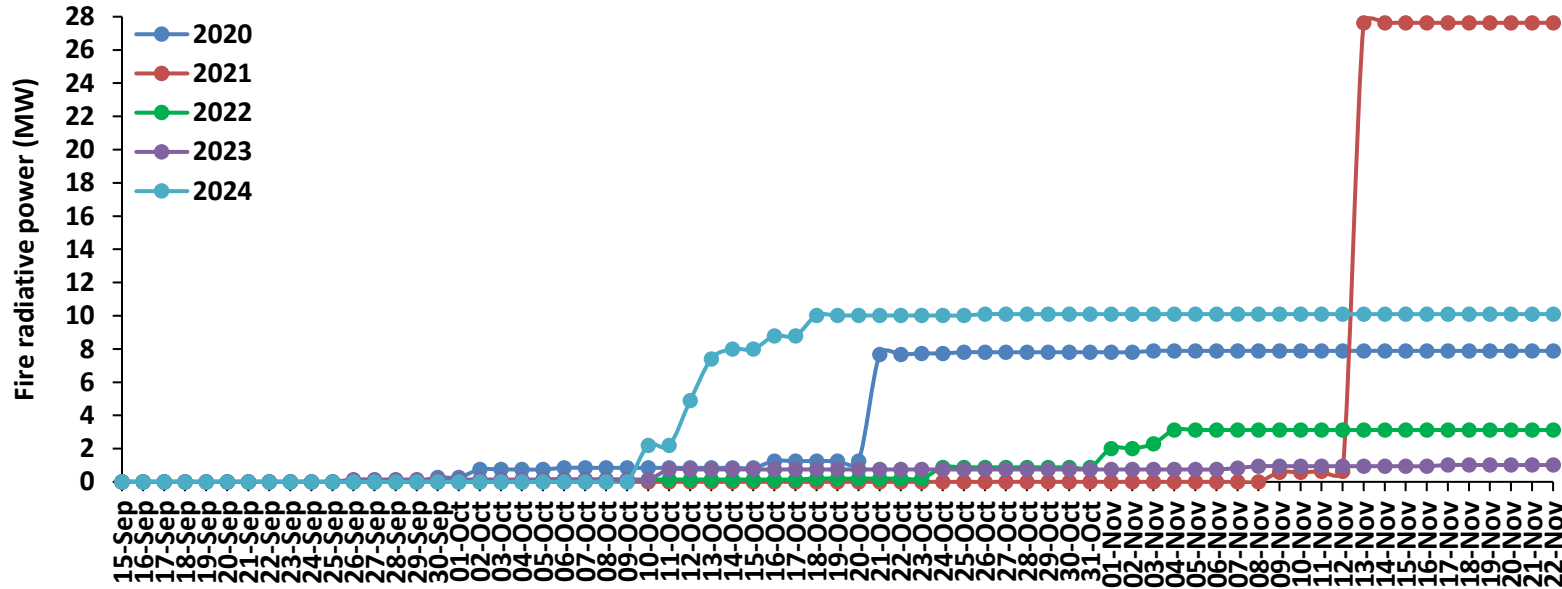
Rajasthan Cumulative



Madhya Pradesh Cumulative

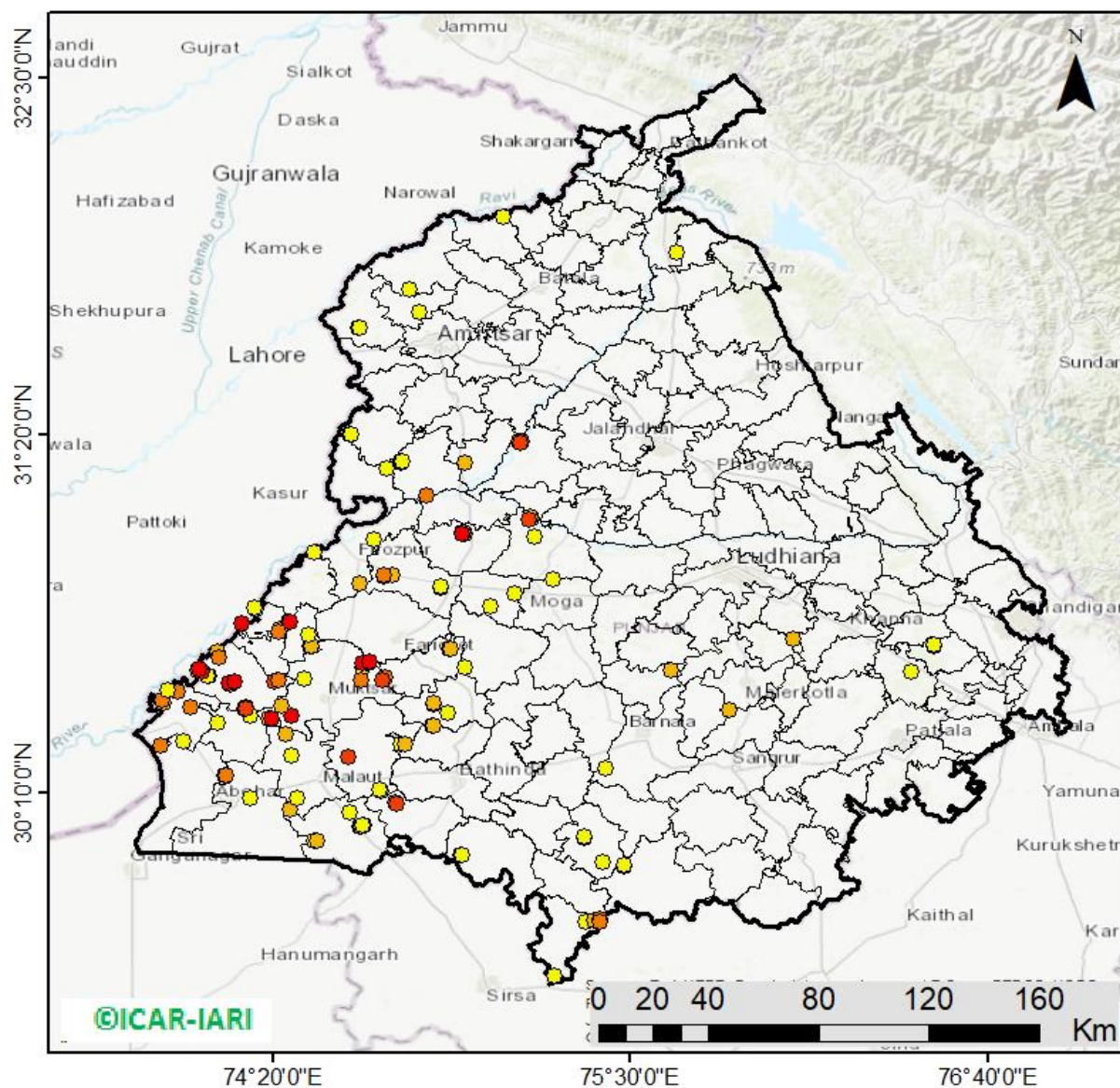


Delhi Cumulative



Punjab

RICE RESIDUE BURNING IN PUNJAB



147 burning events
detected in Punjab during
(22nd Nov 2024)

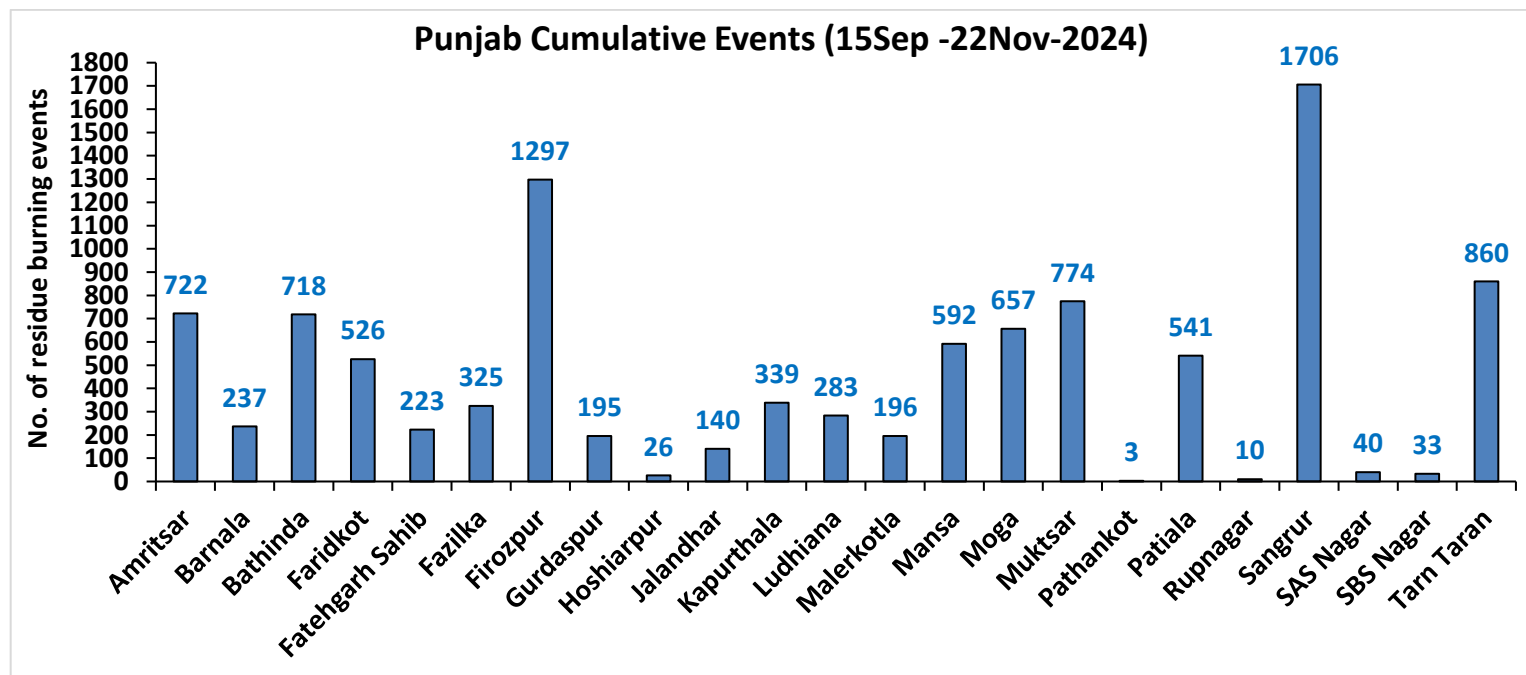
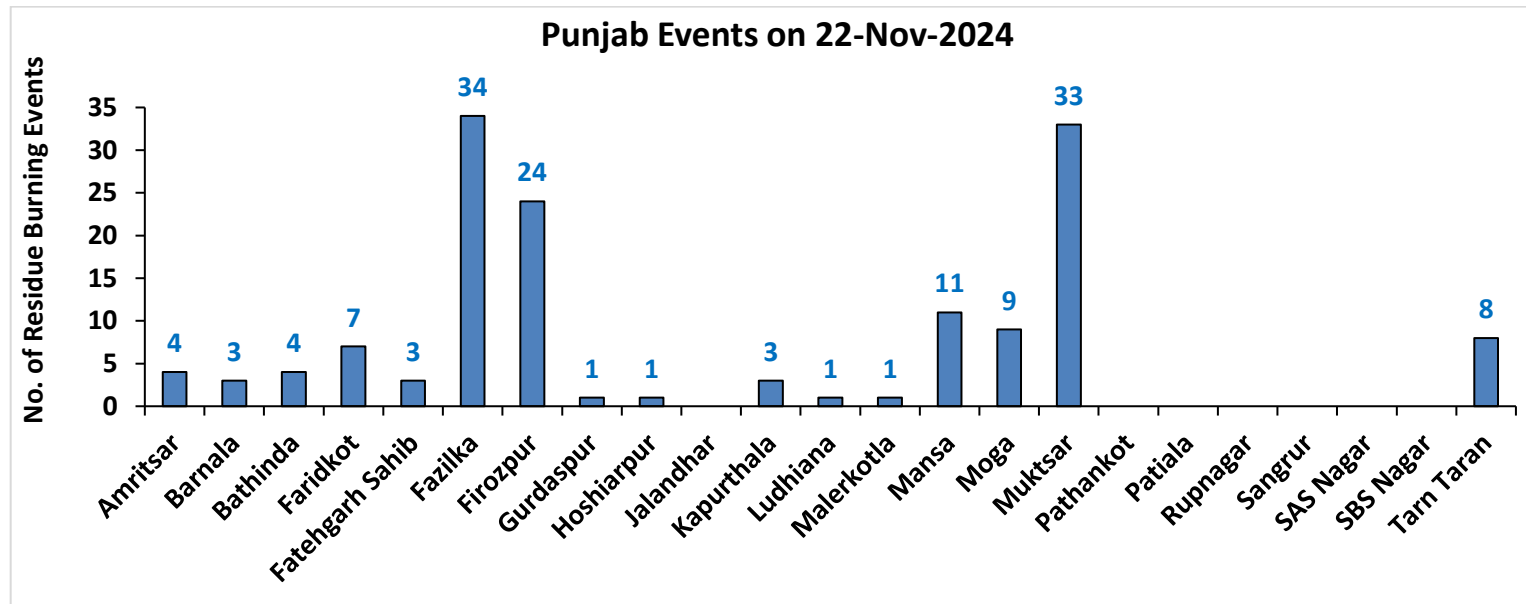
Fire Intensity (W/m²)

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



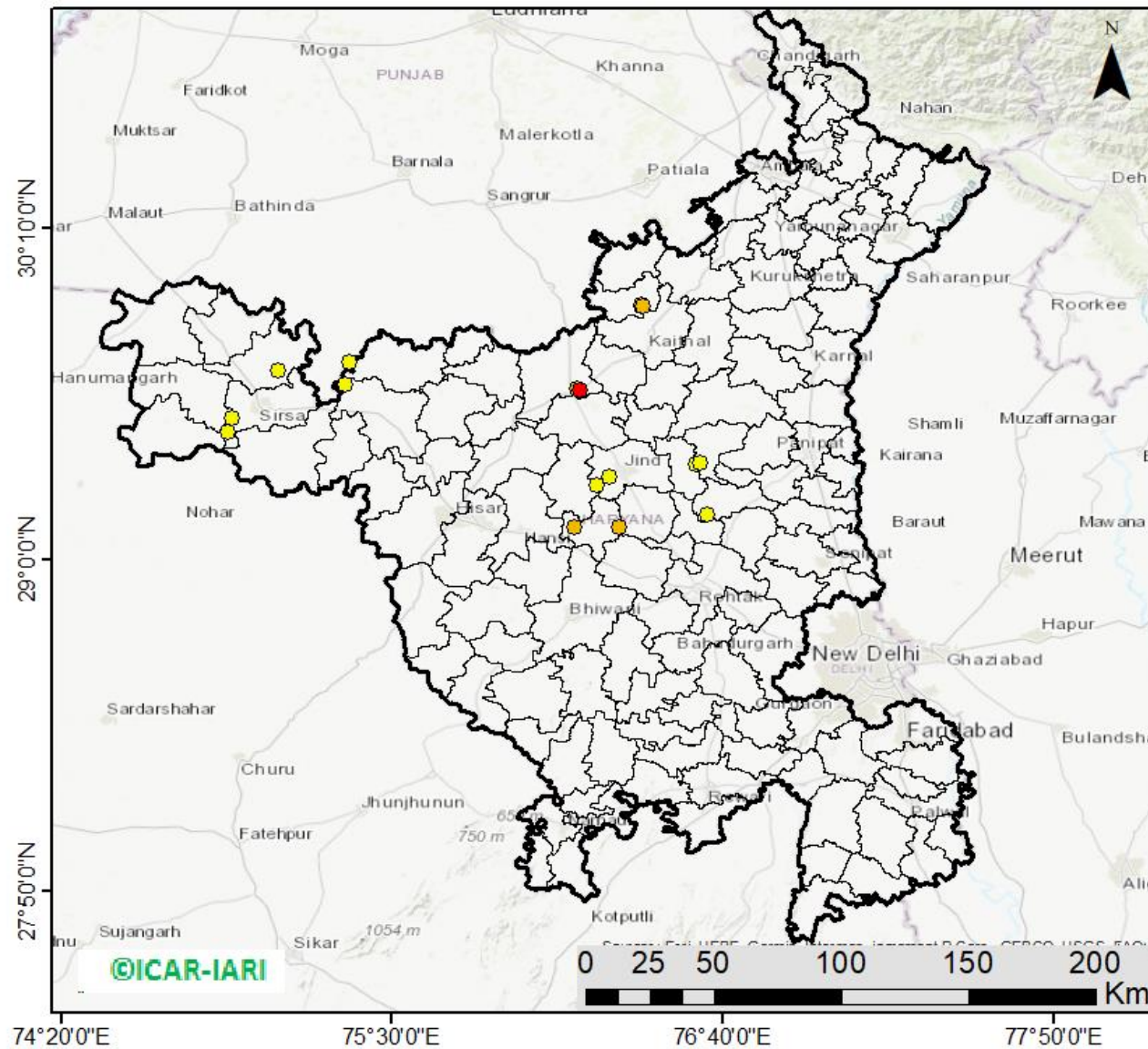
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Punjab (15Sep-22Nov-2024)



Haryana

RICE RESIDUE BURNING IN HARYANA



17 burning events detected in Haryana on (22nd Nov 2024)

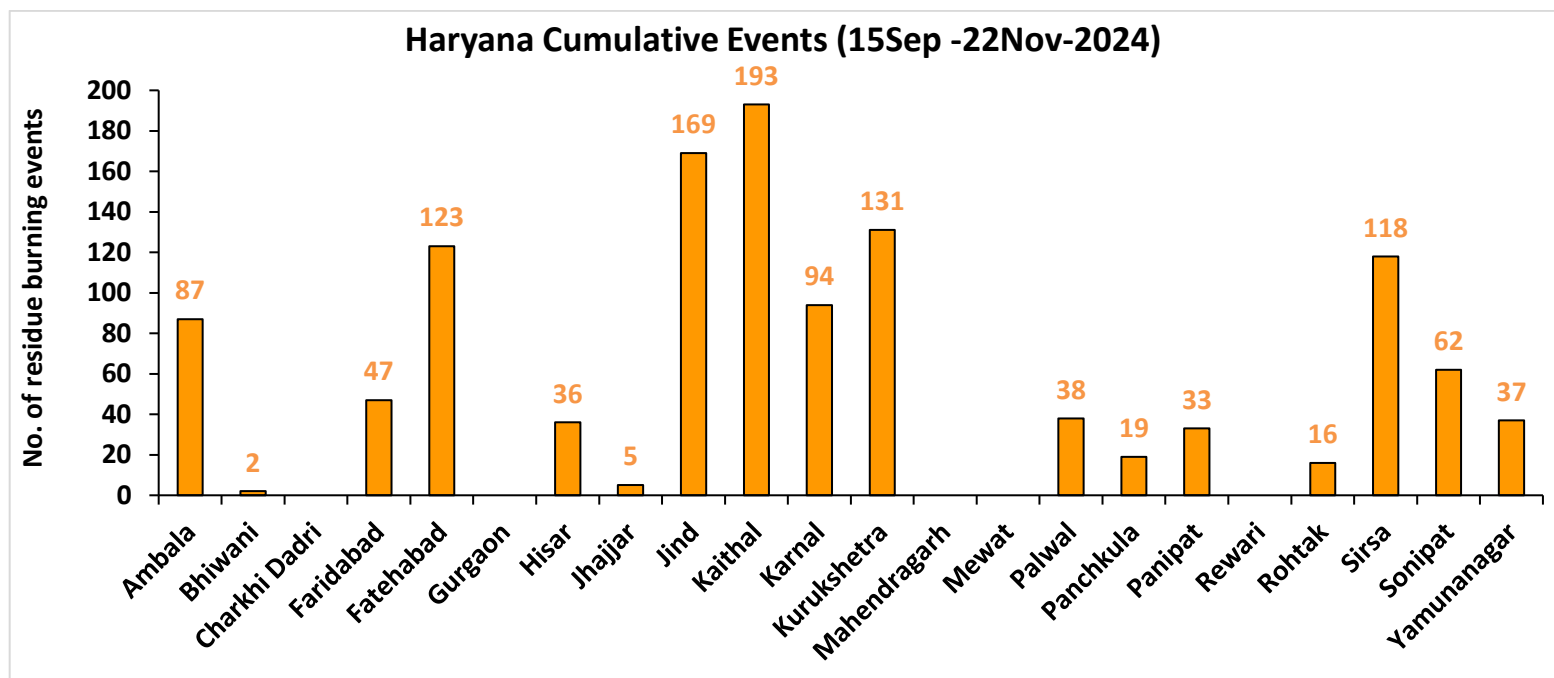
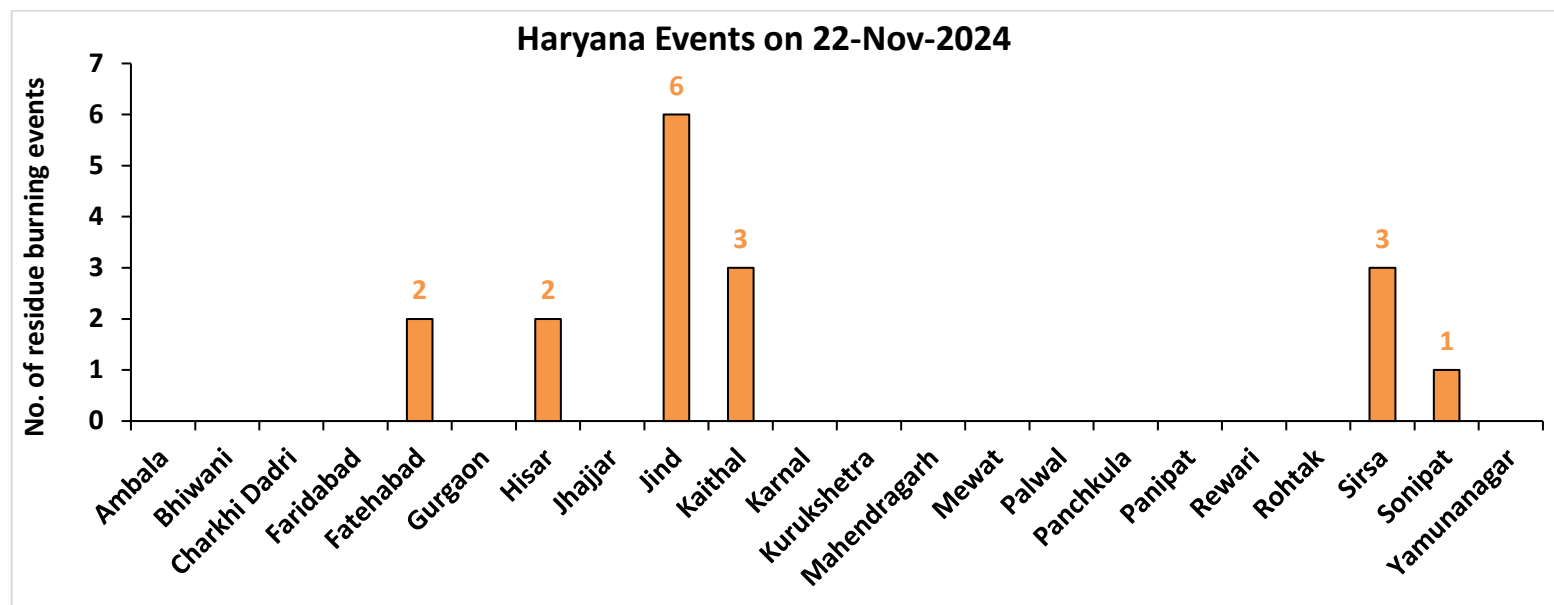
Fire Intensity (W/m²)

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



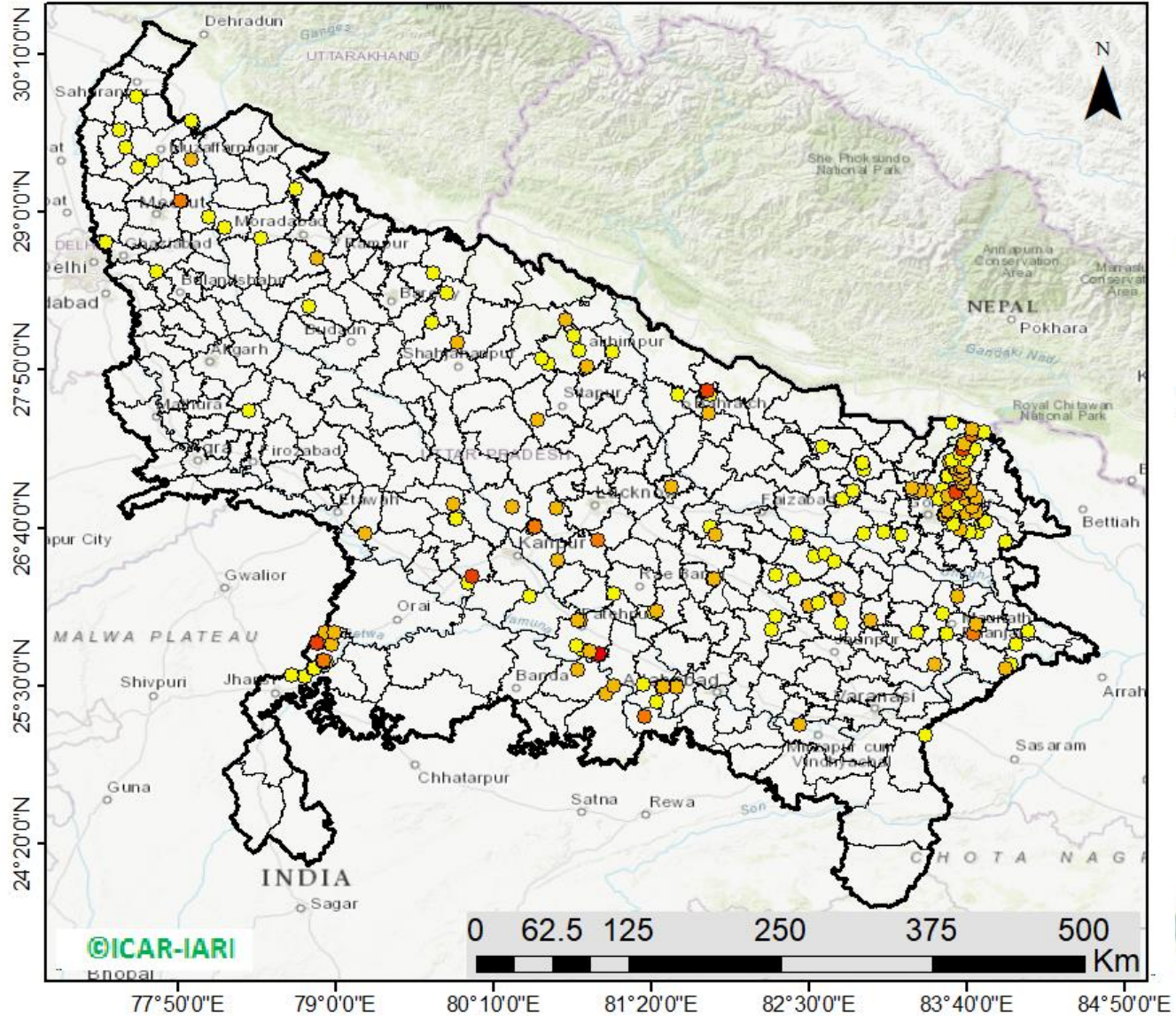
http://103.111.37.126/icar_geportal/

District-wise cumulative number of residues burning events in Haryana (15Sep-22Nov-2024)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



232 burning events detected in Uttar Pradesh on (22nd Nov 2024)

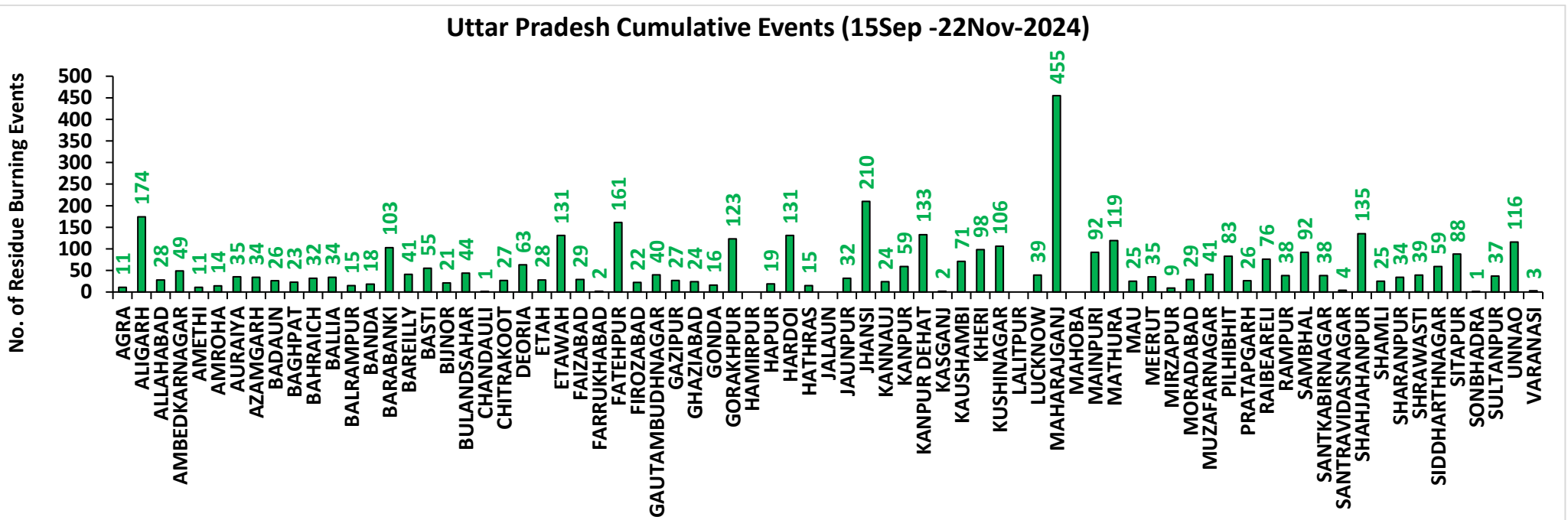
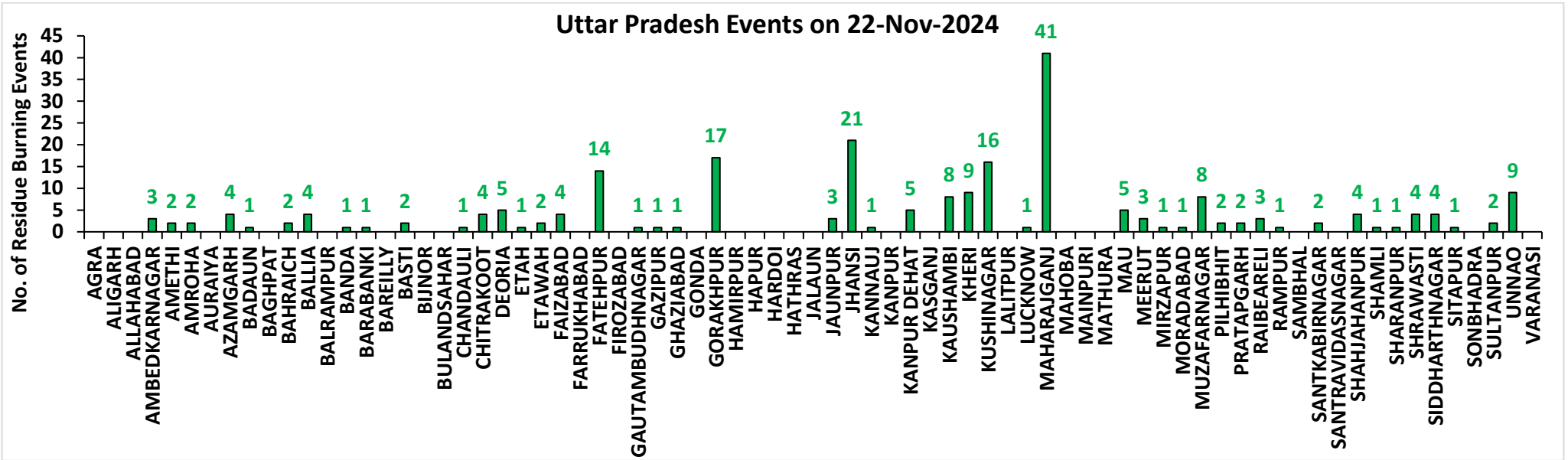
Fire Intensity (W/m2)

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



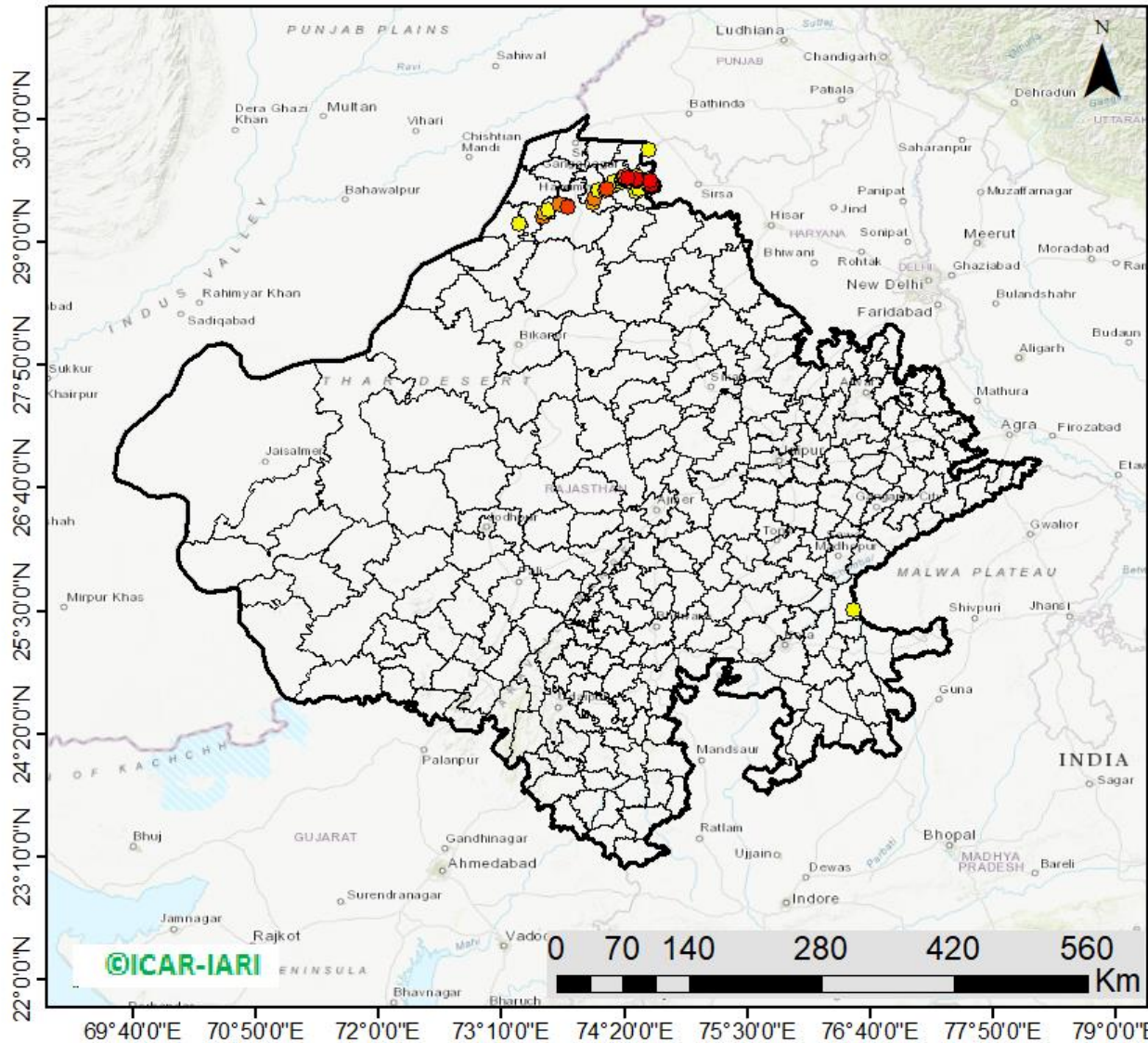
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-22Nov-2024)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



80 burning events
detected in Rajasthan on
(22nd Nov 2024)

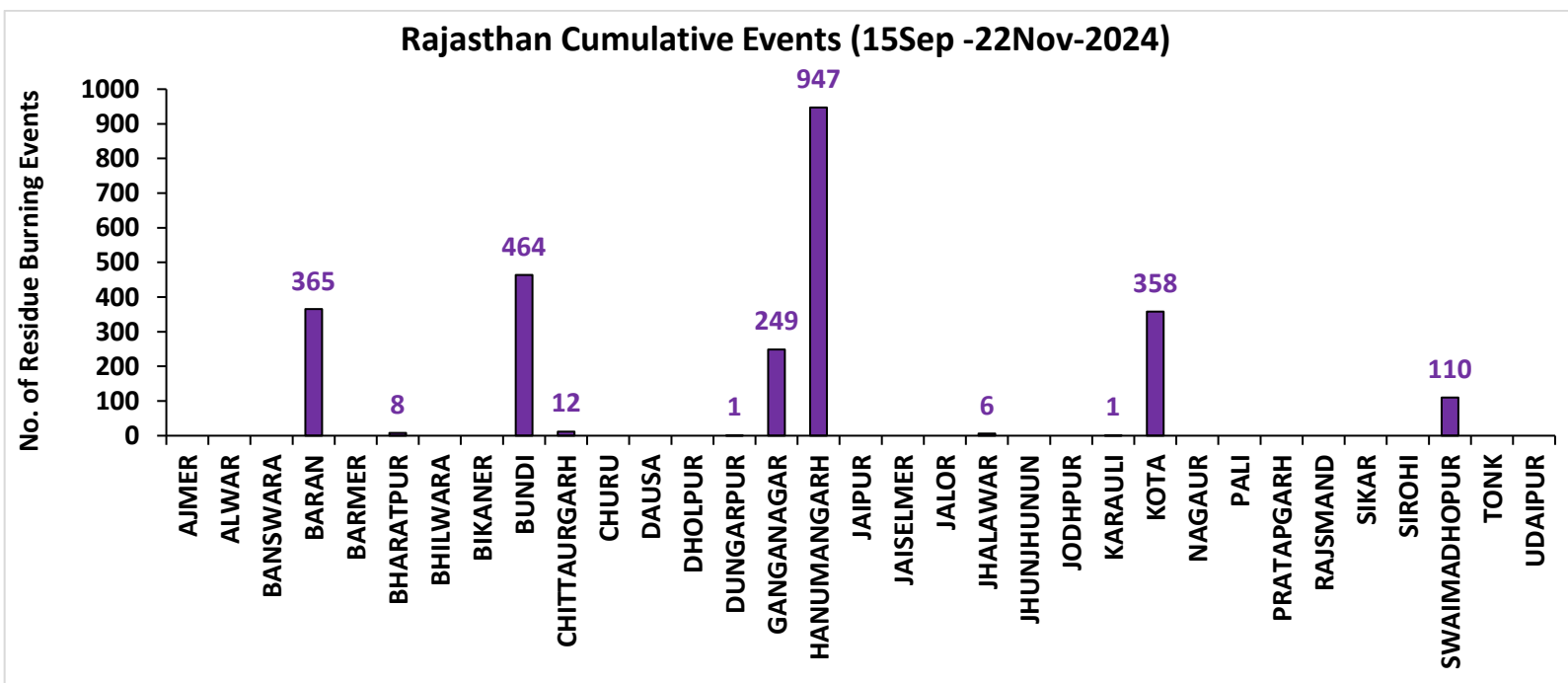
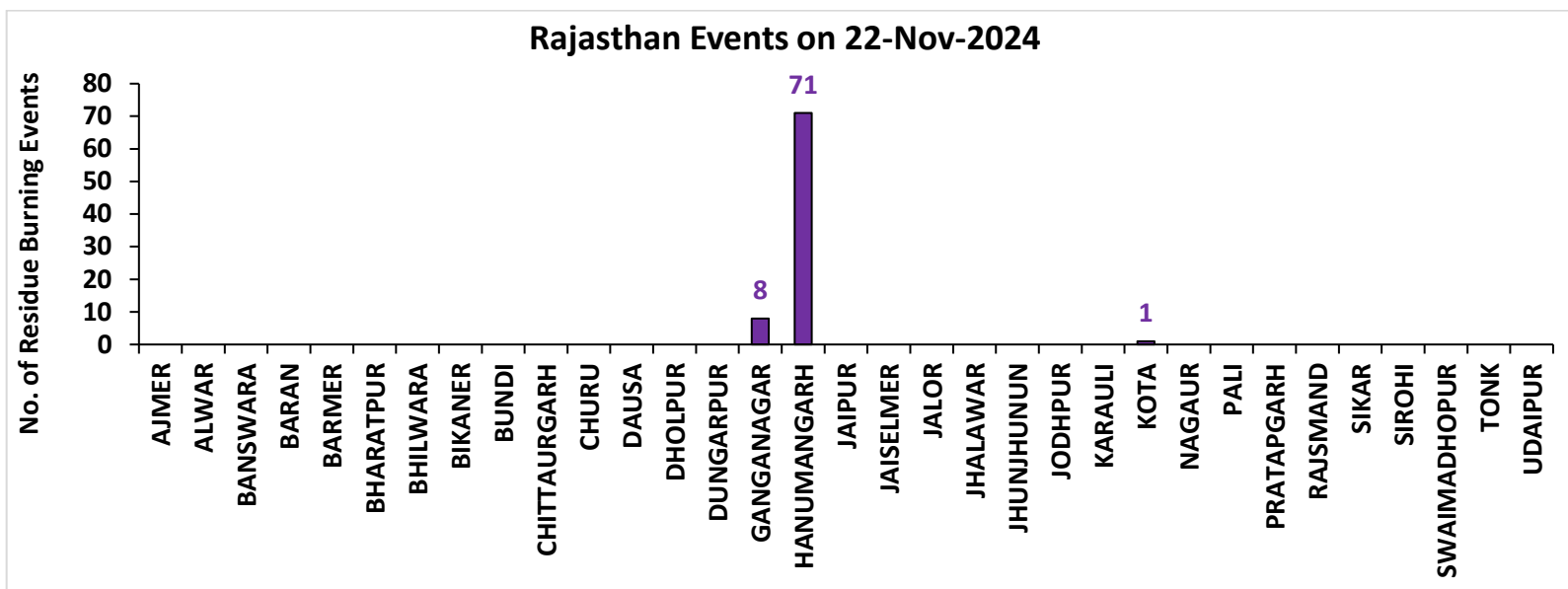
Fire Intensity (W/m²)

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



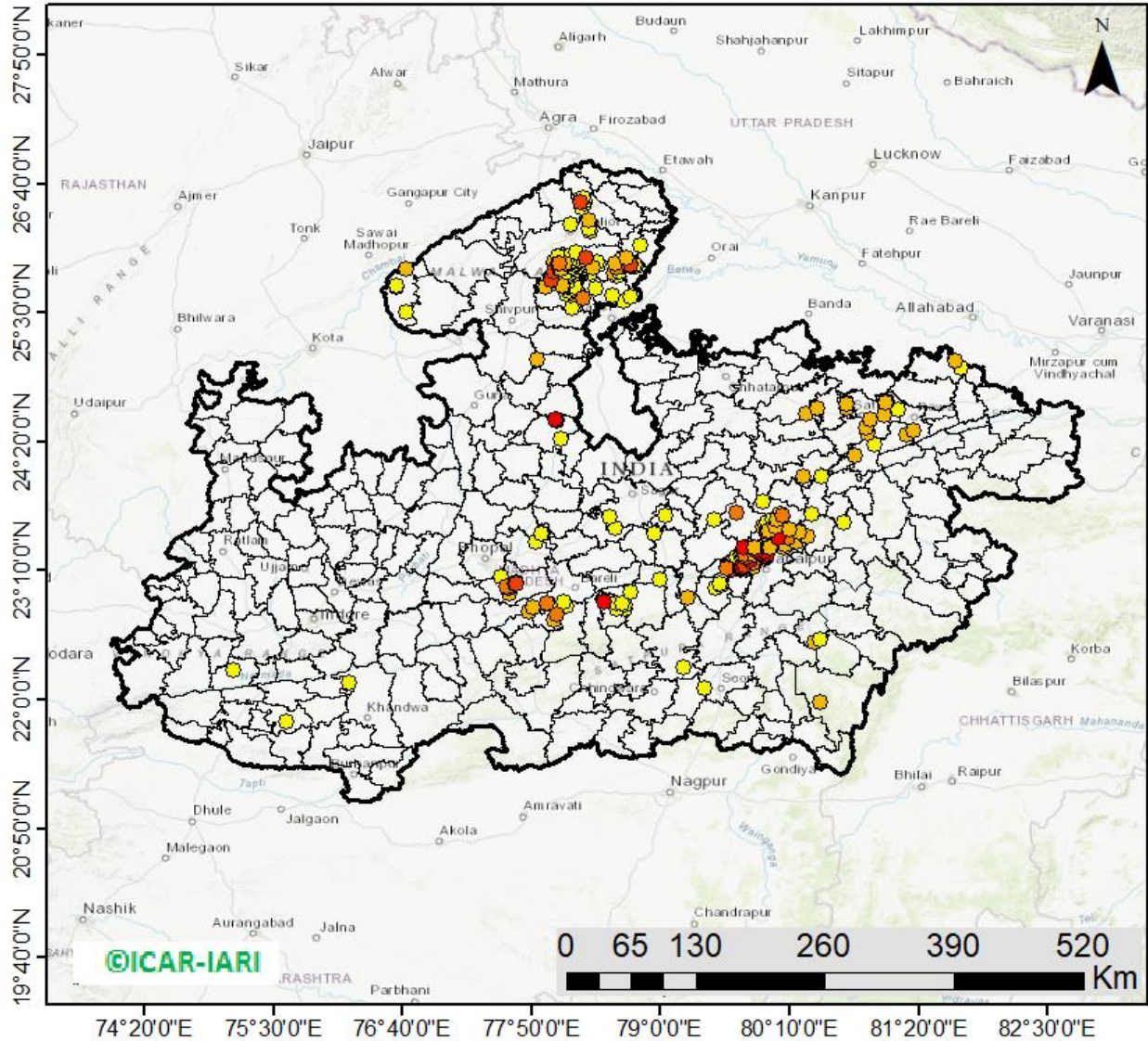
http://103.111.37.126/icar_geoportail/

District-wise cumulative number of residues burning events in Rajasthan (15Sep-22Nov-2024)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



396 burning events
detected in MP on
(22nd Nov 2024)

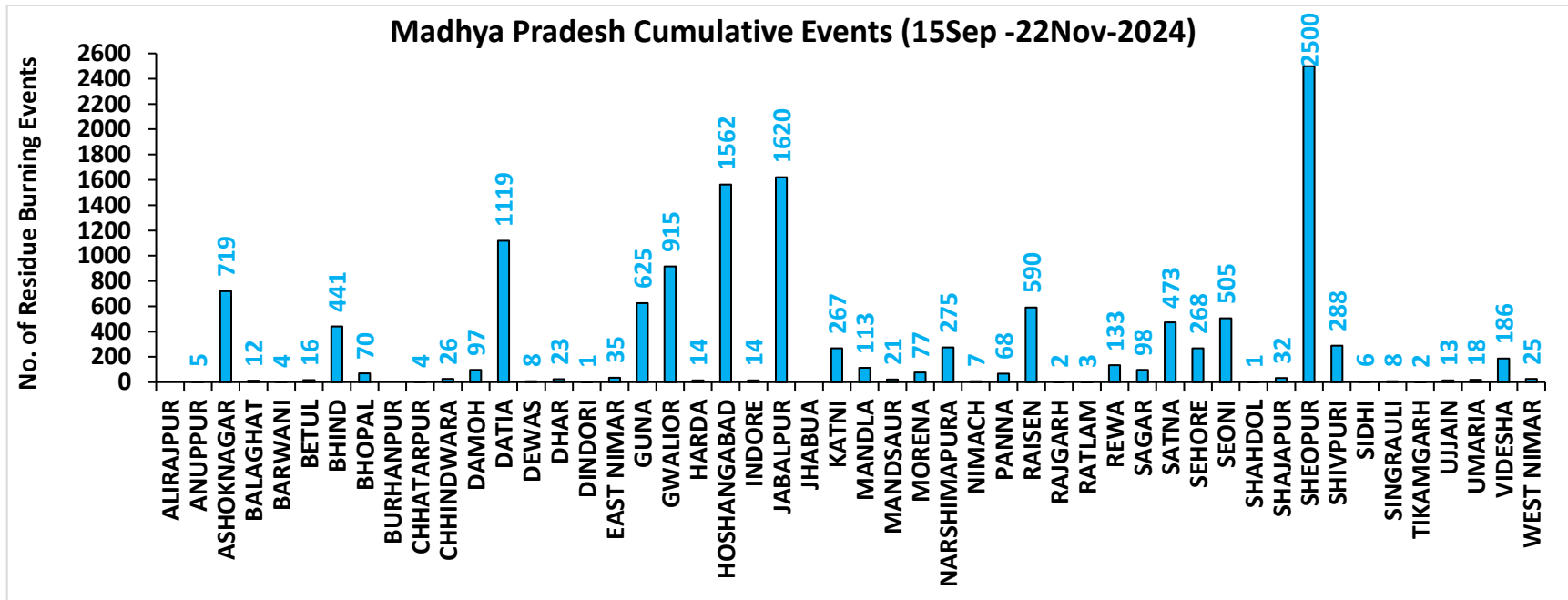
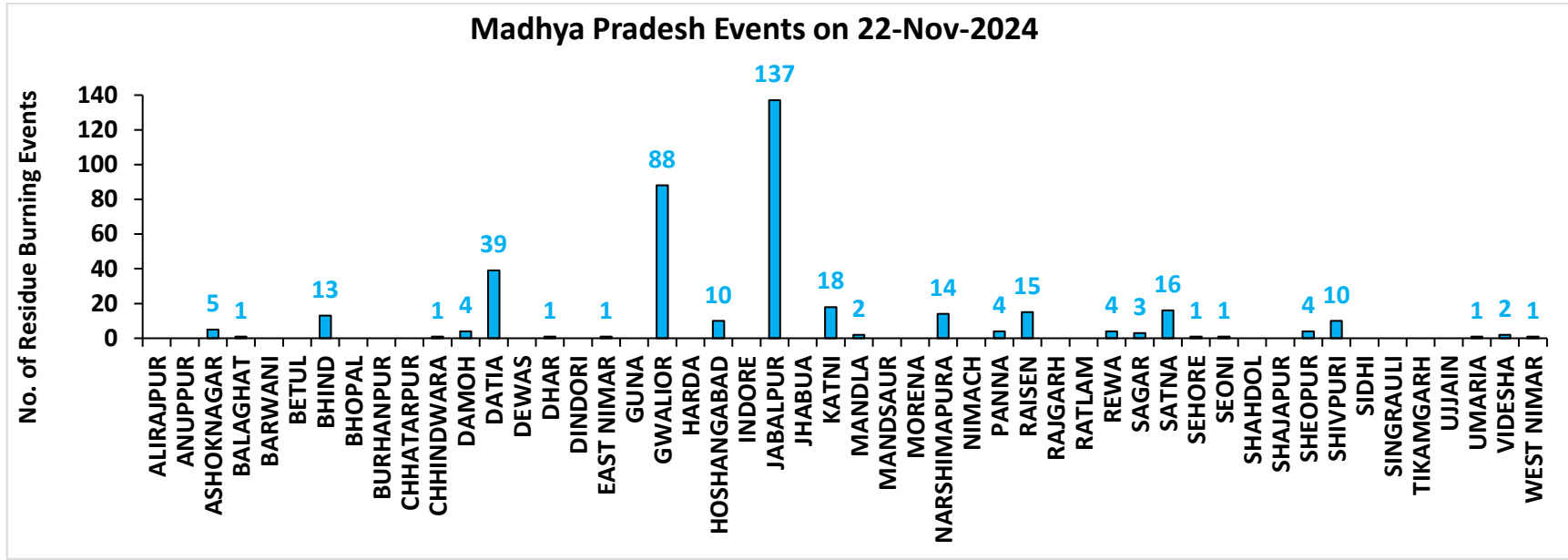
Fire Intensity (W/m²)

- 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-22Nov-2024)



District-wise cumulative number of residues burning events detected in 2020, 2021, 2022, 2023 and 2024
(Period: 15 September-22 November)

(a) Punjab

District	15 Sep-22 Nov				
	2020	2021	2022	2023	2024
Amritsar	3059	2170	1539	1571	722
Barnala	5325	4323	2905	2300	237
Bathinda	5224	4466	4561	2940	718
Faridkot	4726	3947	2683	1994	526
Fatehgarh Sahib	1535	1718	1145	884	223
Fazilka	2517	2354	2534	1689	325
Firozpur	8507	6277	4540	3356	1297
Gurdaspur	2122	1391	841	388	195
Hoshiarpur	386	328	256	117	26
Jalandhar	1938	2543	1378	1186	140
Kapurthala	1882	1796	1275	1030	339
Ludhiana	5052	5807	2668	1787	283
Malerkotla*	--	--	--	411	196
Mansa	3774	3197	2801	2253	592
Moga	7383	6504	3592	2706	657
Muktsar	4986	4543	3781	1604	774
Pathankot	13	6	1	4	3
Patiala	6431	5415	3392	1870	541
Rupnagar	205	307	245	46	10
Sangrur#	11724	9381	5914	5596	1706
SAS NAGAR (Mohali)	127	147	103	132	40
SBS Nagar	131	353	270	234	33
Tarn Taran	5603	4117	3180	2020	860
Total	82650	71090	49604	36118	10443

(b) Haryana

District	15 Sep-22 Nov				
	2020	2021	2022	2023	2024
AMBALA	346	301	222	188	87
BHIWANI	4	10	7	8	2
CHARKHI DADRI	0	0	1	2	0
FARIDABAD	1	3	1	5	47
FATEHABAD	819	1445	749	560	123
GURGAON	0	0	0	0	0
HISAR	51	208	104	109	36
JHAJJAR	6	7	6	18	5
JIND	340	884	517	337	169
KAITHAL	835	1151	637	261	193
KARNAL	581	952	297	124	94
KURUKSHETRA	406	538	299	154	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	234	79	24	33
REWARI	0	0	0	0	0
ROHTAK	48	59	47	70	16
SIRSA	221	484	278	152	118
SONIPAT	69	197	82	76	62
YAMUNANAGAR	142	146	145	93	37
Total	3964	6733	3522	2239	1210

*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-22 Nov																
	2020	2021	2022	2023	2024	GAUTAMBUDHNAGAR	14	19	10	14	40	MUZAFARNAGAR	40	16	12	23	41
AGRA	7	0	0	4	11	GAZIPUR	15	18	15	19	27	PILHIBHIT	17	209	140	101	83
ALIGARH	112	39	42	86	174	GHAZIABAD	25	12	6	27	24	PRATAPGARH	37	32	19	35	26
ALLAHABAD	28	15	11	9	28	GONDA	12	9	1	9	16	RAIBEARELI	29	58	29	51	76
AMBEDKARNAGAR	20	18	20	37	49	GORAKHPUR	41	21	24	101	123	RAMPUR	159	186	102	95	38
AMETHI	3	15	12	55	11	HAMIRPUR	5	0	0	0	0	SAMBHAL	18	16	12	19	92
AMROHA	11	7	4	5	14	HAPUR	26	11	4	14	19	SANTKABIRNAGAR	28	19	8	38	38
AURAIYA	78	61	39	72	35	HARDOI	95	99	66	97	131	SANTRAVIDASNAGAR	4	1	4	2	4
AZAMGARH	45	13	12	22	34	HATHRAS	0	0	1	3	15	SHAHJAHANPUR	135	400	297	108	135
BADAUN	13	16	4	9	26	JALAUN	41	0	0	0	0	SHAMLI	46	37	9	21	25
BAGHPAT	16	12	9	14	23	JAUNPUR	40	22	17	24	32	SHARANPUR	93	69	17	29	34
BAHRAICH	105	56	21	45	32	JHANSI	296	96	96	158	210	SHRAWASTI	45	42	17	48	39
BALLIA	90	36	31	21	34	KANNAUJ	33	6	3	7	24	SIDDHARTHANAGAR	73	122	32	125	59
BALRAMPUR	67	20	11	29	15	KANPUR	29	31	23	44	59	SITAPUR	54	46	24	42	88
BANDA	22	6	10	27	18	KANPUR DEHAT	76	43	45	131	133	SONBHADRA	0	0	0	0	1
BARABANKI	35	64	55	76	103	KASGANJ	2	2	1	3	2	SULTANPUR	5	18	20	31	37
BAREILLY	74	60	47	54	41	KAUSHAMBI	61	71	32	58	71	UNNAO	42	27	31	59	116
BASTI	54	46	9	75	55	KHERI	150	158	131	72	98	VARANASI	2	5	0	3	3
BIJNOR	39	37	8	14	21	KUSHINAGAR	72	22	27	78	106	Total	3523	3190	2027	3078	4100
BULANDSAHAR	53	8	15	24	44	LALITPUR	3	6	3	6	0						
CHANDAULI	3	4	0	0	1	LUCKNOW	35	33	14	39	39						
CHITRAKOOT	12	9	9	13	27	MAHARAJGANJ	51	99	88	115	455						
DEORIA	81	20	29	57	63	MAHOBA	27	0	0	0	0						
ETAH	17	10	5	20	28	MAINPURI	63	49	33	57	92						
ETAWAH	69	81	47	123	131	MATHURA	160	239	30	95	119						
FAIZABAD	9	7	4	22	29	MAU	24	13	6	20	25						
FARRUKHABAD	6	4	1	1	2	MEERUT	59	22	26	24	35						
FATEHPUR	113	85	80	95	161	MIRZAPUR	7	10	2	0	9						
FIROZABAD	26	17	9	10	22	MORADABAD	26	10	6	14	29						

(d) Delhi

District	15 Sep-22 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-22 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	167	11	74	339	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	213	464
CHITTAURGARH	1	13	8	15	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	182	129	101	140	249
HANUMANGARH	838	829	659	670	947
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
KARAULI	1	0	0	0	1
KOTA	116	56	141	268	358
NAGAU	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	1585	1161	1231	1727	2521

(f) Madhya Pradesh

District	15 Sep-22 Nov										
	2020	2021	2022	2023	2024	PANNA	49	20	29	46	68
ALIRAJPUR	0	0	0	0	0	RAISEN	590	294	370	375	590
ANUPPUR	0	2	4	3	5	RAJGARH	10	3	5	11	2
ASHOKNAGAR	153	89	184	277	719	RATLAM	10	5	3	6	3
BALAGHAT	5	4	2	3	12	REWA	127	71	65	78	133
BARWANI	3	0	0	3	4	SAGAR	28	30	54	91	98
BETUL	36	14	17	37	16	SATNA	548	367	338	329	473
BHIND	253	139	200	267	441	SEHORE	151	138	199	181	268
BHOPAL	49	35	36	49	70	SEONI	1228	882	1098	1422	505
BURHANPUR	15	1	3	9	0	SHAHDOL	3	0	1	2	1
CHHATARPUR	7	0	2	3	4	SHAJAPUR	18	0	0	20	32
CHHINDWARA	127	54	99	176	26	SHEOPUR	1832	938	1796	1859	2500
DAMOH	75	51	66	97	97	SHIVPURI	357	53	240	269	288
DATIA	1183	458	831	909	1119	SIDHI	4	2	1	1	6
DEWAS	8	0	0	14	8	SINGRAULI	0	6	3	14	8
DHAR	43	0	0	43	23	TIKAMGARH	4	0	1	6	2
DINDORI	0	0	1	3	1	UJJAIN	12	0	0	18	13
EAST NIMAR	22	7	11	55	35	UMARIA	7	5	10	7	18
GUNA	67	10	118	462	625	VIDESHA	135	92	83	149	186
GWALIOR	1985	395	1509	966	915	WEST NIMAR	65	10	14	45	25
HARDA	14	21	10	31	14	Total	13385	6325	10275	11736	13309
HOSHANGABAD	1057	1061	1090	1168	1562						
INDORE	4	0	0	12	14						
JABALPUR	2302	712	1233	1637	1620						
JHABUA	0	0	0	0	0						
KATNI	308	84	169	234	267						
MANDLA	141	95	123	85	113						
MANDSAUR	13	0	0	6	21						
MORENA	62	37	25	47	77						
NARSHIMAPURA	273	140	232	210	275						
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-22 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
Total	82650	71090	49604	36118	10443	3964	6733	3522	2239	1210	3523	3190	2027	3078	4100

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
Total	9	4	9	5	12	1585	1161	1231	1727	2521	13385	6325	10275	11736	13309

Details of residue burning events in Punjab on 22-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	S-NPP	31.81167	74.78053	13:59:02	D	2.80
2	AMRITSAR	CHOGAWAN	S-NPP	31.68467	74.61098	13:59:02	D	4.60
3	AMRITSAR	CHOGAWAN	S-NPP	31.68514	74.61597	13:59:02	D	4.60
4	AMRITSAR	HARSHA CHHINA	S-NPP	31.73532	74.81367	13:59:02	D	4.60
5	BARNALA	BARNALA	S-NPP	30.24500	75.42059	13:59:02	D	2.80
6	BARNALA	BARNALA	S-NPP	30.24554	75.42265	13:59:02	D	4.70
7	BARNALA	MAHAL KALAN	S-NPP	30.56557	75.63404	13:59:02	D	6.00
8	BATHINDA	SANGAT	S-NPP	30.13577	74.73171	13:59:02	D	11.60
9	BATHINDA	SANGAT	AQUA	30.13000	74.73800	14:02:11	D	16.40
10	BATHINDA	TALWANDI SABO	S-NPP	29.96228	74.94583	13:59:02	D	4.70
11	BATHINDA	TALWANDI SABO	S-NPP	29.96278	74.95069	13:59:02	D	4.70
12	FARIDKOT	JAITON	S-NPP	30.38336	74.85544	13:59:02	D	4.10
13	FARIDKOT	JAITON	S-NPP	30.38386	74.86033	13:59:02	D	5.50
14	FARIDKOT	JAITON	S-NPP	30.42761	74.90582	13:59:02	D	4.50
15	FARIDKOT	JAITON	S-NPP	30.45414	74.85764	13:59:02	D	4.30
16	FARIDKOT	JAITON	S-NPP	30.45853	74.85709	13:59:02	D	6.70
17	FARIDKOT	KOT KAPURA	S-NPP	30.63613	74.90799	13:59:02	D	4.60
18	FARIDKOT	KOT KAPURA	S-NPP	30.63660	74.91296	13:59:02	D	5.70
19	FATEHGARH SAHIB	KHERA	S-NPP	30.64676	76.49120	13:59:02	D	4.60

20	FATEHGARH SAHIB	KHERA	S-NPP	30.64899	76.49269	13:59:02	D	4.70
21	FATEHGARH SAHIB	SIRHIND	S-NPP	30.56122	76.41833	13:59:02	D	3.50
22	FAZILKA	ABOHAR	S-NPP	30.15060	74.25853	13:59:02	D	2.00
23	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.39552	74.15134	13:59:02	D	4.50
24	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.40857	74.31835	13:59:02	D	8.20
25	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.41991	74.26166	13:59:02	D	3.50
26	FAZILKA	ARNIWALA SHEIKH SUBANPUR	AQUA	30.40700	74.32900	14:02:11	D	35.00
27	FAZILKA	FAZILKA	S-NPP	30.32149	73.96985	13:59:02	D	13.10
28	FAZILKA	FAZILKA	S-NPP	30.33327	74.04341	13:59:02	D	2.90
29	FAZILKA	FAZILKA	S-NPP	30.45888	73.97836	13:59:02	D	7.00
30	FAZILKA	FAZILKA	S-NPP	30.46676	73.97284	13:59:02	D	11.20
31	FAZILKA	FAZILKA	S-NPP	30.49736	74.02192	13:59:02	D	11.30
32	FAZILKA	FAZILKA	S-NPP	30.50246	73.99009	13:59:02	D	3.00
33	FAZILKA	FAZILKA	AQUA	30.44500	74.06600	14:02:11	D	14.40
34	FAZILKA	JALALABAD	S-NPP	30.44350	74.24606	13:59:02	D	12.40
35	FAZILKA	JALALABAD	S-NPP	30.44393	74.24478	13:59:02	D	27.00
36	FAZILKA	JALALABAD	S-NPP	30.50173	74.35363	13:59:02	D	51.90
37	FAZILKA	JALALABAD	S-NPP	30.51981	74.19466	13:59:02	D	3.20
38	FAZILKA	JALALABAD	S-NPP	30.52968	74.20702	13:59:02	D	2.30
39	FAZILKA	JALALABAD	S-NPP	30.53162	74.34968	13:59:02	D	11.70
40	FAZILKA	JALALABAD	S-NPP	30.53589	74.34911	13:59:02	D	11.70
41	FAZILKA	JALALABAD	S-NPP	30.54621	74.12371	13:59:02	D	4.10
42	FAZILKA	JALALABAD	S-NPP	30.54645	74.12294	13:59:02	D	4.40
43	FAZILKA	JALALABAD	S-NPP	30.56410	74.08968	13:59:02	D	5.20
44	FAZILKA	JALALABAD	S-NPP	30.62630	74.15371	13:59:02	D	7.10
45	FAZILKA	JALALABAD	AQUA	30.44100	74.24100	14:02:11	D	21.60
46	FAZILKA	JALALABAD	AQUA	30.44300	74.24500	14:02:11	D	18.70
47	FAZILKA	JALALABAD	AQUA	30.52500	74.19200	14:02:11	D	21.80
48	FAZILKA	JALALABAD	AQUA	30.52800	74.20900	14:02:11	D	22.40
49	FAZILKA	JALALABAD	AQUA	30.52800	74.33800	14:02:11	D	17.60
50	FAZILKA	JALALABAD	AQUA	30.53200	74.35400	14:02:11	D	13.20
51	FAZILKA	JALALABAD	AQUA	30.56000	74.10100	14:02:11	D	24.20
52	FAZILKA	JALALABAD	AQUA	30.57000	74.09300	14:02:11	D	22.40

53	FAZILKA	JALALABAD	AQUA	30.61000	74.15600	14:02:11	D	14.90
54	FAZILKA	KHUIAN SARWAR	S-NPP	30.22364	74.17850	13:59:02	D	12.50
55	FAZILKA	KHUIAN SARWAR	S-NPP	30.22375	74.18086	13:59:02	D	11.60
56	FIROZPUR	FIROZPUR	S-NPP	30.84749	74.61832	13:59:02	D	6.20
57	FIROZPUR	FIROZPUR	S-NPP	30.99417	74.66499	13:59:02	D	3.70
58	FIROZPUR	GHALL KHURD	S-NPP	30.83739	74.88268	13:59:02	D	3.30
59	FIROZPUR	GHALL KHURD	S-NPP	30.83899	74.88450	13:59:02	D	2.70
60	FIROZPUR	GHALL KHURD	S-NPP	30.87309	74.69843	13:59:02	D	6.40
61	FIROZPUR	GHALL KHURD	S-NPP	30.87550	74.72283	13:59:02	D	7.50
62	FIROZPUR	GHALL KHURD	S-NPP	30.87747	74.69787	13:59:02	D	10.20
63	FIROZPUR	GURUHAR SAHAI	S-NPP	30.64430	74.45312	13:59:02	D	5.10
64	FIROZPUR	GURUHAR SAHAI	S-NPP	30.64478	74.45779	13:59:02	D	5.10
65	FIROZPUR	GURUHAR SAHAI	S-NPP	30.68096	74.44996	13:59:02	D	2.90
66	FIROZPUR	GURUHAR SAHAI	S-NPP	30.69799	74.35806	13:59:02	D	16.30
67	FIROZPUR	GURUHAR SAHAI	S-NPP	30.70227	74.35749	13:59:02	D	5.70
68	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72003	74.23412	13:59:02	D	27.80
69	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72267	74.38768	13:59:02	D	23.00
70	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72314	74.39233	13:59:02	D	23.00
71	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76782	74.27870	13:59:02	D	2.20
72	FIROZPUR	GURUHAR SAHAI	S-NPP	30.77012	74.27594	13:59:02	D	4.50
73	FIROZPUR	GURUHAR SAHAI	AQUA	30.69200	74.35200	14:02:11	D	14.40
74	FIROZPUR	MAMDOT	S-NPP	30.95273	74.47079	13:59:02	D	3.50
75	FIROZPUR	ZIRA	S-NPP	31.01372	74.95431	13:59:02	D	5.40
76	FIROZPUR	ZIRA	S-NPP	31.01421	74.95937	13:59:02	D	5.40
77	FIROZPUR	ZIRA	S-NPP	31.01817	74.95374	13:59:02	D	9.90
78	FIROZPUR	ZIRA	S-NPP	31.01866	74.95881	13:59:02	D	9.90
79	FIROZPUR	ZIRA	AQUA	31.01400	74.95100	14:02:11	D	36.90
80	GURDASPUR	DERA BABA NANAK	S-NPP	32.04744	75.08433	13:59:02	D	2.50
81	HOSHIARPUR	HAJIPUR	S-NPP	31.93311	75.65423	13:59:02	D	4.30
82	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.31351	75.13923	13:59:02	D	10.40
83	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.31400	75.14450	13:59:02	D	15.20
84	KAPURTHALA	SULTANPUR LODHI	AQUA	31.30900	75.14400	14:02:11	D	15.60
85	LUDHIANA	MALLOUD	AQUA	30.66700	76.03400	14:02:11	D	9.10

86	MALERKOTLA	MALERKOTLA	S-NPP	30.43526	75.82574	13:59:02	D	8.70
87	MANSA	BUDHLADA	S-NPP	29.92740	75.48249	13:59:02	D	3.40
88	MANSA	BUDHLADA	S-NPP	29.92812	75.48110	13:59:02	D	4.00
89	MANSA	JHUNIR	S-NPP	29.74948	75.40278	13:59:02	D	10.60
90	MANSA	JHUNIR	S-NPP	29.75399	75.40221	13:59:02	D	10.60
91	MANSA	JHUNIR	AQUA	29.74600	75.40200	14:02:11	D	14.70
92	MANSA	MANSA	S-NPP	29.93996	75.41113	13:59:02	D	1.60
93	MANSA	MANSA	S-NPP	30.02075	75.34885	13:59:02	D	1.40
94	MANSA	MANSA	S-NPP	30.02201	75.35075	13:59:02	D	2.30
95	MANSA	SARDULGARH	S-NPP	29.56725	75.25180	13:59:02	D	1.80
96	MANSA	SARDULGARH	S-NPP	29.74506	75.35665	13:59:02	D	2.40
97	MANSA	SARDULGARH	S-NPP	29.74751	75.38220	13:59:02	D	5.10
98	MOGA	BAGHA PURANA	S-NPP	30.57788	74.96142	02:49:02	N	0.90
99	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.00437	75.18999	13:59:02	D	2.90
100	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.06371	75.17970	13:59:02	D	8.20
101	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.06714	75.17698	13:59:02	D	8.50
102	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	31.05800	75.17100	14:02:11	D	17.00
103	MOGA	MOGA 1	S-NPP	30.86155	75.24900	13:59:02	D	7.40
104	MOGA	MOGA 1	S-NPP	30.86204	75.24722	13:59:02	D	4.10
105	MOGA	MOGA 2	S-NPP	30.77374	75.04560	13:59:02	D	3.70
106	MOGA	MOGA 2	S-NPP	30.81740	75.12299	13:59:02	D	3.50
107	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.17138	74.68504	13:59:02	D	5.40
108	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.17481	74.68339	13:59:02	D	2.60
109	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.28117	74.58257	13:59:02	D	16.10
110	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.28549	74.58201	13:59:02	D	16.10
111	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.32408	74.75018	13:59:02	D	4.30
112	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.32550	74.76461	13:59:02	D	5.70
113	MUKTSAR	LAMBI	S-NPP	30.01070	74.46777	13:59:02	D	2.60
114	MUKTSAR	LAMBI	S-NPP	30.01165	74.47691	13:59:02	D	8.10
115	MUKTSAR	LAMBI	S-NPP	30.05428	74.61813	13:59:02	D	7.10
116	MUKTSAR	LAMBI	S-NPP	30.05714	74.62091	13:59:02	D	6.50
117	MUKTSAR	LAMBI	S-NPP	30.05812	74.63026	13:59:02	D	4.30
118	MUKTSAR	LAMBI	S-NPP	30.05951	74.62691	13:59:02	D	4.50

119	MUKTSAR	LAMBI	S-NPP	30.10322	74.58328	13:59:02	D	3.20
120	MUKTSAR	LAMBI	S-NPP	30.10952	74.39126	13:59:02	D	7.00
121	MUKTSAR	MALOUT	S-NPP	30.15075	74.41348	13:59:02	D	1.80
122	MUKTSAR	MALOUT	S-NPP	30.28837	74.39375	13:59:02	D	4.50
123	MUKTSAR	MALOUT	S-NPP	30.35569	74.37550	13:59:02	D	4.90
124	MUKTSAR	MALOUT	S-NPP	30.35826	74.37598	13:59:02	D	5.40
125	MUKTSAR	MUKTSAR	S-NPP	30.41283	74.31778	13:59:02	D	63.70
126	MUKTSAR	MUKTSAR	S-NPP	30.41656	74.39613	13:59:02	D	44.80
127	MUKTSAR	MUKTSAR	S-NPP	30.45215	74.36349	13:59:02	D	9.80
128	MUKTSAR	MUKTSAR	S-NPP	30.54065	74.43738	13:59:02	D	2.70
129	MUKTSAR	MUKTSAR	S-NPP	30.54091	74.70081	13:59:02	D	14.30
130	MUKTSAR	MUKTSAR	S-NPP	30.54527	74.70024	13:59:02	D	14.30
131	MUKTSAR	MUKTSAR	S-NPP	30.57334	74.62867	13:59:02	D	4.40
132	MUKTSAR	MUKTSAR	S-NPP	30.58834	74.64610	13:59:02	D	12.40
133	MUKTSAR	MUKTSAR	S-NPP	30.58856	74.64256	13:59:02	D	7.00
134	MUKTSAR	MUKTSAR	S-NPP	30.58902	74.64735	13:59:02	D	7.00
135	MUKTSAR	MUKTSAR	AQUA	30.53400	74.62000	14:02:11	D	14.20
136	MUKTSAR	MUKTSAR	AQUA	30.53400	74.69300	14:02:11	D	18.00
137	MUKTSAR	MUKTSAR	AQUA	30.58800	74.62800	14:02:11	D	28.50
138	MUKTSAR	MUKTSAR	AQUA	30.59200	74.64900	14:02:11	D	37.10
139	MUKTSAR	MUKTSAR	AQUA	30.60600	74.45200	14:02:11	D	67.60
140	TARN TARAN	BHIKHIWIND	S-NPP	31.33660	74.58749	13:59:02	D	4.50
141	TARN TARAN	BHIKHIWIND	S-NPP	31.33718	74.58939	13:59:02	D	3.50
142	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24510	74.96056	13:59:02	D	6.60
143	TARN TARAN	PATTI	S-NPP	31.13504	74.83375	13:59:02	D	12.40
144	TARN TARAN	PATTI	S-NPP	31.24604	74.75400	13:59:02	D	6.70
145	TARN TARAN	PATTI	S-NPP	31.24685	74.75094	13:59:02	D	3.40
146	TARN TARAN	PATTI	S-NPP	31.24735	74.75591	13:59:02	D	5.00
147	TARN TARAN	VALTOHA	S-NPP	31.22350	74.70419	02:49:02	N	0.70

Details of residue burning events in Haryana on 22-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	FATEHABAD	FATEHABAD	S-NPP	29.61366	75.33453	13:59:02	D	4.90
2	FATEHABAD	RATIA	S-NPP	29.69239	75.35042	13:59:02	D	4.00
3	HISAR	HANSI-II	S-NPP	29.10893	76.29979	13:59:02	D	8.40
4	HISAR	HANSI-II	S-NPP	29.11300	76.14022	13:59:02	D	5.50
5	JIND	JIND	S-NPP	29.26056	76.22266	13:59:02	D	1.70
6	JIND	JIND	S-NPP	29.28903	76.26244	13:59:02	D	2.70
7	JIND	NARWANA	S-NPP	29.59738	76.15205	13:59:02	D	7.00
8	JIND	NARWANA	AQUA	29.59600	76.16200	14:02:11	D	20.40
9	JIND	PILLUKHERA	S-NPP	29.33102	76.56940	13:59:02	D	4.30
10	JIND	SAFIDON	S-NPP	29.33743	76.58674	13:59:02	D	3.40
11	KAITHAL	SIWAN	S-NPP	29.88936	76.37649	02:49:02	N	2.90
12	KAITHAL	SIWAN	S-NPP	29.89417	76.37796	02:49:02	N	2.90
13	KAITHAL	SIWAN	AQUA	29.89200	76.38100	03:10:41	N	9.10
14	SIRSA	BARAGUNDA	S-NPP	29.66445	75.09698	02:49:02	N	1.00
15	SIRSA	SIRSA	S-NPP	29.44573	74.91976	02:49:02	N	1.00
16	SIRSA	SIRSA	S-NPP	29.49494	74.93388	02:49:02	N	1.00
17	SONIPAT	MUNDLANA	S-NPP	29.15692	76.61170	13:59:02	D	4.30

Details of residue burning events in Uttar Pradesh on 22-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.45950	82.53809	12:18:45	D	1.70
2	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.47951	82.62100	12:18:45	D	4.10
3	AMBEDKARNAGAR	AKBARPUR	AQUA	26.41600	82.68900	14:02:11	D	3.90
4	AMETHI	GAURIGANJ	AQUA	26.29000	81.78900	14:02:11	D	9.60
5	AMETHI	GAURIGANJ	AQUA	26.29100	81.79900	14:02:11	D	7.50
6	AMROHA	AMROHA	S-NPP	28.80459	78.45345	13:59:02	D	2.60
7	AMROHA	DHANAURA	S-NPP	28.88552	78.18086	13:59:02	D	2.10
8	AZAMGARH	AZAMGARH	AQUA	25.88900	83.30100	14:02:11	D	3.80
9	AZAMGARH	NIZAMABAD	AQUA	25.98400	82.94900	14:02:11	D	5.30
10	AZAMGARH	PHULPUR	S-NPP	26.13558	82.71161	12:18:45	D	4.80
11	AZAMGARH	PHULPUR	S-NPP	26.13696	82.71198	12:18:45	D	5.70
12	BADAUN	BISALI	S-NPP	28.29874	78.81015	13:59:02	D	3.00
13	BAHRAICH	BAHRAICH	AQUA	27.51600	81.75400	14:02:11	D	6.70
14	BAHRAICH	BAHRAICH	AQUA	27.64900	81.53500	14:02:11	D	4.00
15	BALLIA	BALLIA	S-NPP	25.65445	83.98878	12:18:45	D	2.10
16	BALLIA	BALLIA	AQUA	25.63000	83.95100	14:02:11	D	5.80
17	BALLIA	BALLIA	AQUA	25.80700	84.03000	14:02:11	D	4.30
18	BALLIA	BANSDIH	AQUA	25.90100	84.11500	14:02:11	D	5.00
19	BANDA	BABERU	AQUA	25.61200	80.78900	14:02:11	D	6.80
20	BARABANKI	SIRALI GAUSPUR	AQUA	26.96500	81.48300	14:02:11	D	5.30
21	BASTI	BASTI	AQUA	26.87800	82.74300	14:02:11	D	5.00
22	BASTI	RUDHAULI	AQUA	26.93700	82.82700	14:02:11	D	4.20
23	CHANDAULI	CHAKIA	AQUA	25.13000	83.36300	14:02:11	D	4.50
24	CHITRAKOOT	KARWI	AQUA	25.44300	81.00300	14:02:11	D	5.40
25	CHITRAKOOT	KARWI	AQUA	25.49900	81.05800	14:02:11	D	8.70
26	CHITRAKOOT	MAU	S-NPP	25.26912	81.28857	12:18:45	D	3.90
27	CHITRAKOOT	MAU	AQUA	25.26700	81.28700	14:02:11	D	12.10
28	DEORIA	DEORIA	S-NPP	26.56356	83.95473	12:18:45	D	2.90
29	DEORIA	DEORIA	S-NPP	26.62927	83.73962	12:18:45	D	2.10
30	DEORIA	DEORIA	AQUA	26.63500	83.68700	14:02:11	D	3.80

31	DEORIA	DEORIA	AQUA	26.70300	83.77100	14:02:11	D	4.30
32	DEORIA	DEORIA	AQUA	26.71600	83.80000	14:02:11	D	4.10
33	ETAH	JALESAR	S-NPP	27.53354	78.36553	13:59:02	D	3.50
34	ETAWAH	BHARTHNA	S-NPP	26.62455	79.22070	13:59:02	D	3.60
35	ETAWAH	BHARTHNA	AQUA	26.62500	79.22200	14:02:11	D	9.10
36	FAIZABAD	FAIZSBAD	S-NPP	26.62798	82.40684	13:59:02	D	5.10
37	FAIZABAD	FAIZSBAD	AQUA	26.62600	82.41000	14:02:11	D	4.70
38	FAIZABAD	MILKIPUR	S-NPP	26.67657	81.76390	12:18:45	D	2.20
39	FAIZABAD	MILKIPUR	AQUA	26.61700	81.80400	14:02:11	D	5.90
40	FATEHPUR	BINKI	AQUA	26.15900	80.43400	14:02:11	D	4.40
41	FATEHPUR	FATEHPUR	S-NPP	25.72801	80.94527	13:59:02	D	4.90
42	FATEHPUR	FATEHPUR	S-NPP	25.72835	80.95023	13:59:02	D	4.90
43	FATEHPUR	FATEHPUR	S-NPP	25.73274	80.94550	13:59:02	D	10.40
44	FATEHPUR	FATEHPUR	S-NPP	25.73312	80.95046	13:59:02	D	12.90
45	FATEHPUR	FATEHPUR	S-NPP	25.73408	80.94476	13:59:02	D	4.90
46	FATEHPUR	FATEHPUR	S-NPP	25.73442	80.94972	13:59:02	D	4.90
47	FATEHPUR	FATEHPUR	S-NPP	25.76873	80.83289	13:59:02	D	2.90
48	FATEHPUR	FATEHPUR	AQUA	25.72900	80.93900	14:02:11	D	14.10
49	FATEHPUR	FATEHPUR	AQUA	25.73100	80.95000	14:02:11	D	41.30
50	FATEHPUR	FATEHPUR	AQUA	25.75700	80.87800	14:02:11	D	5.80
51	FATEHPUR	FATEHPUR	AQUA	25.79700	80.78400	14:02:11	D	5.00
52	FATEHPUR	FATEHPUR	AQUA	25.97800	80.81400	14:02:11	D	7.10
53	FATEHPUR	FATEHPUR	AQUA	25.98300	80.79100	14:02:11	D	6.70
54	GAUTAMBUDHNAGAR	DADRI	S-NPP	28.55488	77.68336	13:59:02	D	1.70
55	GAZIPUR	JAKHANIA	AQUA	25.65800	83.43000	14:02:11	D	5.10
56	GHAZIABAD	GHAZIABAD	S-NPP	28.77654	77.30724	02:49:02	N	0.50
57	GORAKHPUR	CAMPIERGANJ	AQUA	26.94400	83.32400	14:02:11	D	7.10
58	GORAKHPUR	CAMPIERGANJ	AQUA	26.96200	83.26100	14:02:11	D	7.70
59	GORAKHPUR	CHAURI CHAURA	AQUA	26.65200	83.61300	14:02:11	D	5.70
60	GORAKHPUR	CHAURI CHAURA	AQUA	26.69200	83.57000	14:02:11	D	4.20
61	GORAKHPUR	GORAKHPUR	S-NPP	26.76454	83.50471	13:59:02	D	3.10
62	GORAKHPUR	GORAKHPUR	S-NPP	26.77676	83.55335	12:18:45	D	3.30
63	GORAKHPUR	GORAKHPUR	S-NPP	26.87182	83.49314	12:18:45	D	1.90

64	GORAKHPUR	GORAKHPUR	S-NPP	26.88170	83.50327	13:59:02	D	3.40
65	GORAKHPUR	GORAKHPUR	S-NPP	26.88601	83.50523	12:18:45	D	5.70
66	GORAKHPUR	GORAKHPUR	AQUA	26.75800	83.50100	14:02:11	D	5.60
67	GORAKHPUR	GORAKHPUR	AQUA	26.75900	83.51100	14:02:11	D	7.60
68	GORAKHPUR	GORAKHPUR	AQUA	26.77900	83.52800	14:02:11	D	7.00
69	GORAKHPUR	GORAKHPUR	AQUA	26.78800	83.52600	14:02:11	D	6.10
70	GORAKHPUR	GORAKHPUR	AQUA	26.87700	83.50500	14:02:11	D	6.00
71	GORAKHPUR	GORAKHPUR	AQUA	26.87900	83.45400	14:02:11	D	4.50
72	GORAKHPUR	GORAKHPUR	AQUA	26.94200	83.37500	14:02:11	D	7.50
73	GORAKHPUR	KHAJNI	AQUA	26.61900	83.18100	14:02:11	D	4.80
74	JAUNPUR	SHHGANJ	S-NPP	25.96057	82.73853	12:18:45	D	2.90
75	JAUNPUR	SHHGANJ	AQUA	26.09300	82.49600	14:02:11	D	7.70
76	JAUNPUR	SHHGANJ	AQUA	26.11400	82.57300	14:02:11	D	3.80
77	JHANSI	JHANSI	S-NPP	25.57590	78.67538	13:59:02	D	2.10
78	JHANSI	MOTH	S-NPP	25.62184	78.83679	13:59:02	D	2.80
79	JHANSI	MOTH	S-NPP	25.62215	78.84042	13:59:02	D	2.80
80	JHANSI	MOTH	S-NPP	25.67385	78.93852	13:59:02	D	3.20
81	JHANSI	MOTH	S-NPP	25.67951	78.91071	13:59:02	D	8.20
82	JHANSI	MOTH	S-NPP	25.68195	78.90807	13:59:02	D	4.20
83	JHANSI	MOTH	S-NPP	25.68227	78.91175	13:59:02	D	7.00
84	JHANSI	MOTH	S-NPP	25.80680	78.97585	13:59:02	D	2.30
85	JHANSI	MOTH	S-NPP	25.80961	78.97614	13:59:02	D	2.90
86	JHANSI	MOTH	S-NPP	25.81366	78.86348	13:59:02	D	5.10
87	JHANSI	MOTH	S-NPP	25.81396	78.86713	13:59:02	D	7.50
88	JHANSI	MOTH	S-NPP	25.81427	78.87079	13:59:02	D	7.50
89	JHANSI	MOTH	S-NPP	25.81900	78.86295	13:59:02	D	5.10
90	JHANSI	MOTH	S-NPP	25.82528	78.87338	13:59:02	D	4.70
91	JHANSI	MOTH	S-NPP	25.89586	78.92583	12:18:45	D	7.80
92	JHANSI	MOTH	AQUA	25.67300	78.91200	14:02:11	D	10.50
93	JHANSI	MOTH	AQUA	25.68300	78.91000	14:02:11	D	11.50
94	JHANSI	MOTH	AQUA	25.80800	78.97600	14:02:11	D	8.40
95	JHANSI	MOTH	AQUA	25.81800	78.86800	14:02:11	D	17.80
96	JHANSI	MOTH	AQUA	25.89400	78.99300	14:02:11	D	9.80

97	JHANSI	TAHRAULI	S-NPP	25.56290	78.77370	13:59:02	D	2.30
98	KANNAUJ	TIRWA	AQUA	26.84000	79.86900	14:02:11	D	7.40
99	KANPUR DEHAT	AKBARPUR	S-NPP	26.30793	80.00563	13:59:02	D	3.10
100	KANPUR DEHAT	AKBARPUR	AQUA	26.30600	80.00600	14:02:11	D	17.10
101	KANPUR DEHAT	BHOGANIPUR	S-NPP	26.25855	79.97813	13:59:02	D	4.10
102	KANPUR DEHAT	RASULABAD	S-NPP	26.72946	79.88682	13:59:02	D	2.70
103	KANPUR DEHAT	RASULABAD	S-NPP	26.73071	79.88751	13:59:02	D	3.20
104	KAUSHAMBI	CHAIL	S-NPP	25.49340	81.52443	13:59:02	D	3.30
105	KAUSHAMBI	CHAIL	AQUA	25.48900	81.52100	14:02:11	D	5.70
106	KAUSHAMBI	MANJHANPUR	S-NPP	25.49601	81.41875	13:59:02	D	2.70
107	KAUSHAMBI	MANJHANPUR	S-NPP	25.51047	81.27072	13:59:02	D	4.60
108	KAUSHAMBI	MANJHANPUR	AQUA	25.37500	81.37800	14:02:11	D	4.00
109	KAUSHAMBI	MANJHANPUR	AQUA	25.49100	81.41400	14:02:11	D	10.00
110	KAUSHAMBI	MANJHANPUR	AQUA	25.49300	81.42500	14:02:11	D	7.10
111	KAUSHAMBI	MANJHANPUR	AQUA	25.50600	81.27500	14:02:11	D	4.80
112	KHERI	DHAURAHRA	S-NPP	27.96834	81.05036	13:59:02	D	2.40
113	KHERI	GOLA	AQUA	28.20400	80.70100	14:02:11	D	8.80
114	KHERI	LAKHIMPUR	S-NPP	27.85352	80.85472	12:18:45	D	3.40
115	KHERI	LAKHIMPUR	S-NPP	27.85369	80.85535	12:18:45	D	5.30
116	KHERI	LAKHIMPUR	S-NPP	27.88077	80.57505	13:59:02	D	3.40
117	KHERI	LAKHIMPUR	S-NPP	27.92088	80.52224	13:59:02	D	4.50
118	KHERI	LAKHIMPUR	S-NPP	27.98109	80.79932	12:18:45	D	2.80
119	KHERI	LAKHIMPUR	S-NPP	28.08101	80.75864	12:18:45	D	3.60
120	KHERI	LAKHIMPUR	S-NPP	28.08235	80.76382	12:18:45	D	3.60
121	KUSHINAGAR	HATA	S-NPP	26.79945	83.72144	12:18:45	D	2.60
122	KUSHINAGAR	HATA	S-NPP	26.80031	83.72510	12:18:45	D	2.60
123	KUSHINAGAR	HATA	S-NPP	26.80149	83.72151	12:18:45	D	5.50
124	KUSHINAGAR	HATA	S-NPP	26.81552	83.62223	12:18:45	D	1.80
125	KUSHINAGAR	HATA	S-NPP	26.85654	83.67779	12:18:45	D	4.20
126	KUSHINAGAR	HATA	S-NPP	26.89289	83.73018	13:59:02	D	7.70
127	KUSHINAGAR	HATA	AQUA	26.71400	83.79000	14:02:11	D	4.90
128	KUSHINAGAR	HATA	AQUA	26.77100	83.66100	14:02:11	D	5.50
129	KUSHINAGAR	HATA	AQUA	26.78100	83.73100	14:02:11	D	5.60

130	KUSHINAGAR	HATA	AQUA	26.82200	83.70300	14:02:11	D	7.90
131	KUSHINAGAR	HATA	AQUA	26.84300	83.59800	14:02:11	D	4.40
132	KUSHINAGAR	HATA	AQUA	26.88000	83.65700	14:02:11	D	6.50
133	KUSHINAGAR	HATA	AQUA	26.89000	83.72600	14:02:11	D	23.50
134	KUSHINAGAR	HATA	AQUA	26.89100	83.73600	14:02:11	D	9.50
135	KUSHINAGAR	HATA	AQUA	26.92000	83.61900	14:02:11	D	6.20
136	KUSHINAGAR	HATA	AQUA	26.94000	83.69700	14:02:11	D	5.20
137	LUCKNOW	MOHANLAL GANJ	AQUA	26.57300	80.93500	14:02:11	D	11.20
138	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.93246	83.58263	13:59:02	D	5.40
139	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.93545	83.58294	13:59:02	D	8.70
140	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.94971	83.48698	12:18:45	D	3.80
141	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.00942	83.64894	12:18:45	D	2.30
142	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.05110	83.53862	13:59:02	D	5.20
143	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.05474	83.53607	13:59:02	D	6.10
144	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.11258	83.58450	12:18:45	D	2.60
145	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.12219	83.60147	12:18:45	D	4.80
146	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.16927	83.55270	13:59:02	D	5.10
147	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.19671	83.68173	12:18:45	D	0.80
148	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.20923	83.63921	12:18:45	D	0.90
149	MAHARAJGANJ	MAHARAJGANJ	AQUA	26.89900	83.53100	14:02:11	D	7.00
150	MAHARAJGANJ	MAHARAJGANJ	AQUA	26.93400	83.58600	14:02:11	D	15.40
151	MAHARAJGANJ	MAHARAJGANJ	AQUA	26.98700	83.63100	14:02:11	D	6.10
152	MAHARAJGANJ	MAHARAJGANJ	AQUA	26.99800	83.63900	14:02:11	D	7.30
153	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.02600	83.64400	14:02:11	D	5.70
154	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.04500	83.51300	14:02:11	D	8.70
155	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.04600	83.52300	14:02:11	D	4.60
156	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.05700	83.60300	14:02:11	D	5.30
157	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.08000	83.63900	14:02:11	D	5.10
158	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.10700	83.57300	14:02:11	D	10.20
159	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.10900	83.58300	14:02:11	D	7.80
160	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.11300	83.61300	14:02:11	D	7.90
161	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.11600	83.63300	14:02:11	D	8.70
162	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.15900	83.53700	14:02:11	D	5.20

163	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.16800	83.66800	14:02:11	D	5.00
164	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.17000	83.55600	14:02:11	D	4.70
165	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.21600	83.61900	14:02:11	D	4.20
166	MAHARAJGANJ	NAUTANWA	S-NPP	27.44057	83.55466	12:18:45	D	4.80
167	MAHARAJGANJ	NAUTANWA	S-NPP	27.44142	83.55832	12:18:45	D	6.50
168	MAHARAJGANJ	NAUTANWA	S-NPP	27.44580	83.55316	12:18:45	D	2.10
169	MAHARAJGANJ	NAUTANWA	S-NPP	27.44666	83.55683	12:18:45	D	3.00
170	MAHARAJGANJ	NICHLAUL	S-NPP	27.24971	83.72356	12:18:45	D	3.70
171	MAHARAJGANJ	NICHLAUL	S-NPP	27.27619	83.64641	12:18:45	D	2.50
172	MAHARAJGANJ	NICHLAUL	S-NPP	27.27972	83.63761	12:18:45	D	2.30
173	MAHARAJGANJ	NICHLAUL	AQUA	27.24600	83.63900	14:02:11	D	16.50
174	MAHARAJGANJ	NICHLAUL	AQUA	27.28300	83.64200	14:02:11	D	6.40
175	MAHARAJGANJ	NICHLAUL	AQUA	27.35800	83.70500	14:02:11	D	10.70
176	MAHARAJGANJ	NICHLAUL	AQUA	27.36900	83.78500	14:02:11	D	8.10
177	MAHARAJGANJ	NICHLAUL	AQUA	27.37000	83.79500	14:02:11	D	4.20
178	MAHARAJGANJ	NICHLAUL	AQUA	27.39400	83.70800	14:02:11	D	5.40
179	MAU	MADHUBAN	AQUA	26.16100	83.60000	14:02:11	D	7.10
180	MAU	MAU	AQUA	25.88200	83.51800	14:02:11	D	4.40
181	MAU	MAU	AQUA	25.88400	83.71700	14:02:11	D	11.70
182	MAU	MAU	AQUA	25.95000	83.73000	14:02:11	D	5.30
183	MAU	MAU	AQUA	26.02700	83.49000	14:02:11	D	4.50
184	MEERUT	MAWANA	S-NPP	28.96082	78.06956	13:59:02	D	1.90
185	MEERUT	MAWANA	AQUA	29.08000	77.87000	14:02:11	D	8.50
186	MEERUT	MAWANA	AQUA	29.08300	77.86000	14:02:11	D	10.80
187	MIRZAPUR	MIRZAPUR	AQUA	25.21400	82.43400	14:02:11	D	6.30
188	MORADABAD	KANTH	S-NPP	29.17156	78.70197	13:59:02	D	1.50
189	MUZAFARNAGAR	BUDHANA	S-NPP	29.33401	77.53772	13:59:02	D	3.30
190	MUZAFARNAGAR	JANSATH	AQUA	29.39400	77.93800	14:02:11	D	7.10
191	MUZAFARNAGAR	KHATOLI	S-NPP	29.37984	77.65122	13:59:02	D	1.90
192	MUZAFARNAGAR	KHATOLI	S-NPP	29.38131	77.65286	13:59:02	D	2.60
193	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.47606	77.44801	13:59:02	D	2.20
194	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.66784	77.94792	13:59:02	D	1.60
195	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.67195	77.93276	13:59:02	D	4.40

196	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.67224	77.93642	13:59:02	D	4.40
197	PILHIBHIT	BISALPUR	S-NPP	28.40511	79.82463	13:59:02	D	1.70
198	PILHIBHIT	PILHIBHIT	S-NPP	28.54930	79.72410	13:59:02	D	2.00
199	PRATAPGARH	PATTI	S-NPP	26.01106	82.24786	12:18:45	D	2.00
200	PRATAPGARH	PATTI	AQUA	25.91300	82.22300	14:02:11	D	4.80
201	RAIBEARELI	DALMAU	S-NPP	26.17823	81.05461	12:18:45	D	4.80
202	RAIBEARELI	SALON	AQUA	26.03700	81.35600	14:02:11	D	4.40
203	RAIBEARELI	SALON	AQUA	26.05000	81.37500	14:02:11	D	6.40
204	RAMPUR	SHAHBAD	AQUA	28.65900	78.86100	14:02:11	D	8.00
205	SANTKABIRNAGAR	GHANGHATA	AQUA	26.62500	82.90900	14:02:11	D	4.20
206	SANTKABIRNAGAR	GHANGHATA	AQUA	26.63700	83.05700	14:02:11	D	4.70
207	SHAHJAHANPUR	TILHAR	S-NPP	28.03750	79.90038	13:59:02	D	3.40
208	SHAHJAHANPUR	TILHAR	S-NPP	28.03783	79.90496	13:59:02	D	5.30
209	SHAHJAHANPUR	TILHAR	S-NPP	28.18357	79.70923	02:49:02	N	0.50
210	SHAHJAHANPUR	TILHAR	AQUA	28.03700	79.90100	14:02:11	D	5.60
211	SHAMLI	SHAMLI	S-NPP	29.60326	77.40054	13:59:02	D	2.60
212	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.85334	77.53136	12:18:45	D	3.50
213	SHRAWASTI	IKAUNA	S-NPP	27.64820	81.76814	12:18:45	D	2.00
214	SHRAWASTI	IKAUNA	S-NPP	27.68192	81.74619	13:59:02	D	5.70
215	SHRAWASTI	IKAUNA	AQUA	27.67900	81.73600	14:02:11	D	4.80
216	SHRAWASTI	IKAUNA	AQUA	27.68100	81.74600	14:02:11	D	18.10
217	SIDDHARTHANAGAR	BANSI	AQUA	27.09500	82.90200	14:02:11	D	3.80
218	SIDDHARTHANAGAR	BANSI	AQUA	27.14900	82.88600	14:02:11	D	8.30
219	SIDDHARTHANAGAR	BANSI	AQUA	27.15000	82.89600	14:02:11	D	4.60
220	SIDDHARTHANAGAR	DOMARIYAGANJ	AQUA	27.26500	82.60100	14:02:11	D	4.80
221	SITAPUR	MISRIK	AQUA	27.46600	80.49100	14:02:11	D	8.90
222	SULTANPUR	JAISINGHPUR	S-NPP	26.29032	82.39153	12:18:45	D	2.50
223	SULTANPUR	JAISINGHPUR	S-NPP	26.32018	82.25507	13:59:02	D	4.40
224	UNNAO	HASANGANJ	S-NPP	26.66263	80.45248	12:18:45	D	4.00
225	UNNAO	HASANGANJ	S-NPP	26.67337	80.46802	12:18:45	D	6.20
226	UNNAO	HASANGANJ	S-NPP	26.67409	80.46512	12:18:45	D	4.60
227	UNNAO	HASANGANJ	S-NPP	26.67963	80.47533	13:59:02	D	4.70
228	UNNAO	HASANGANJ	AQUA	26.67200	80.46500	14:02:11	D	6.80

229	UNNAO	HASANGANJ	AQUA	26.67400	80.47600	14:02:11	D	13.10
230	UNNAO	HASANGANJ	AQUA	26.81100	80.63500	14:02:11	D	9.70
231	UNNAO	SAFIPUR	AQUA	26.82200	80.30700	14:02:11	D	5.80
232	UNNAO	UNNAO	AQUA	26.42200	80.63800	14:02:11	D	6.30

Details of residue burning events in Rajasthan on 22-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	GANGANAGAR	ANAPGARH	S-NPP	29.16492	73.32857	13:59:02	D	3.40
2	GANGANAGAR	SURATGARH	S-NPP	29.33773	73.78486	13:59:02	D	24.30
3	GANGANAGAR	SURATGARH	AQUA	29.32800	73.78600	14:02:11	D	19.30
4	GANGANAGAR	VIJAY NAGAR	S-NPP	29.23778	73.54911	13:59:02	D	11.10
5	GANGANAGAR	VIJAY NAGAR	S-NPP	29.27652	73.56766	13:59:02	D	10.00
6	GANGANAGAR	VIJAY NAGAR	S-NPP	29.30569	73.60889	13:59:02	D	2.90
7	GANGANAGAR	VIJAY NAGAR	S-NPP	29.35869	73.71179	13:59:02	D	12.40
8	GANGANAGAR	VIJAY NAGAR	S-NPP	29.35913	73.71584	13:59:02	D	12.40
9	HANUMANGARH	HANUMANGARH	S-NPP	29.49082	74.14652	13:59:02	D	9.10
10	HANUMANGARH	HANUMANGARH	S-NPP	29.50602	74.17065	13:59:02	D	4.40
11	HANUMANGARH	HANUMANGARH	S-NPP	29.50648	74.17496	13:59:02	D	7.50
12	HANUMANGARH	HANUMANGARH	S-NPP	29.53145	74.21111	13:59:02	D	27.30
13	HANUMANGARH	HANUMANGARH	S-NPP	29.54166	74.22734	13:59:02	D	4.70
14	HANUMANGARH	HANUMANGARH	S-NPP	29.55934	74.23378	13:59:02	D	4.60
15	HANUMANGARH	HANUMANGARH	S-NPP	29.56352	74.23322	13:59:02	D	4.60
16	HANUMANGARH	HANUMANGARH	S-NPP	29.57103	74.30327	13:59:02	D	4.20
17	HANUMANGARH	HANUMANGARH	S-NPP	29.58278	74.37342	13:59:02	D	4.40
18	HANUMANGARH	HANUMANGARH	S-NPP	29.59076	74.36785	13:59:02	D	51.70
19	HANUMANGARH	HANUMANGARH	S-NPP	29.59674	74.30429	13:59:02	D	4.20
20	HANUMANGARH	HANUMANGARH	S-NPP	29.59682	74.34457	13:59:02	D	1.80
21	HANUMANGARH	HANUMANGARH	S-NPP	29.60355	74.32684	13:59:02	D	2.20
22	HANUMANGARH	HANUMANGARH	S-NPP	29.60382	74.33018	13:59:02	D	3.50
23	HANUMANGARH	HANUMANGARH	S-NPP	29.60427	74.37625	13:59:02	D	8.20

24	HANUMANGARH	HANUMANGARH	S-NPP	29.60472	74.38071	13:59:02	D	8.20
25	HANUMANGARH	HANUMANGARH	S-NPP	29.60486	74.37949	13:59:02	D	15.60
26	HANUMANGARH	HANUMANGARH	S-NPP	29.60850	74.37568	13:59:02	D	8.20
27	HANUMANGARH	HANUMANGARH	S-NPP	29.60895	74.38014	13:59:02	D	8.20
28	HANUMANGARH	HANUMANGARH	S-NPP	29.60909	74.37893	13:59:02	D	11.70
29	HANUMANGARH	HANUMANGARH	S-NPP	29.61076	74.39799	13:59:02	D	4.00
30	HANUMANGARH	HANUMANGARH	S-NPP	29.61333	74.33898	13:59:02	D	10.20
31	HANUMANGARH	HANUMANGARH	AQUA	29.49400	74.16900	14:02:11	D	24.20
32	HANUMANGARH	HANUMANGARH	AQUA	29.50200	74.16200	14:02:11	D	15.30
33	HANUMANGARH	HANUMANGARH	AQUA	29.58600	74.36700	14:02:11	D	51.70
34	HANUMANGARH	HANUMANGARH	AQUA	29.59900	74.36400	14:02:11	D	24.40
35	HANUMANGARH	PILIBANGA	S-NPP	29.36824	74.03332	13:59:02	D	7.70
36	HANUMANGARH	PILIBANGA	S-NPP	29.40766	74.04924	13:59:02	D	13.40
37	HANUMANGARH	PILIBANGA	S-NPP	29.48041	74.08711	13:59:02	D	2.80
38	HANUMANGARH	SANGHRIYA	S-NPP	29.87045	74.55977	13:59:02	D	3.50
39	HANUMANGARH	TIBI	S-NPP	29.47489	74.44125	13:59:02	D	4.50
40	HANUMANGARH	TIBI	S-NPP	29.49895	74.46527	13:59:02	D	2.50
41	HANUMANGARH	TIBI	S-NPP	29.52432	74.60054	13:59:02	D	3.50
42	HANUMANGARH	TIBI	S-NPP	29.52523	74.60970	13:59:02	D	6.50
43	HANUMANGARH	TIBI	S-NPP	29.52622	74.59927	13:59:02	D	7.70
44	HANUMANGARH	TIBI	S-NPP	29.52671	74.60383	13:59:02	D	7.50
45	HANUMANGARH	TIBI	S-NPP	29.52720	74.60840	13:59:02	D	7.50
46	HANUMANGARH	TIBI	S-NPP	29.52860	74.59998	13:59:02	D	7.90
47	HANUMANGARH	TIBI	S-NPP	29.53624	74.58970	13:59:02	D	9.90
48	HANUMANGARH	TIBI	S-NPP	29.53670	74.59427	13:59:02	D	13.20
49	HANUMANGARH	TIBI	S-NPP	29.53729	74.55721	13:59:02	D	4.40
50	HANUMANGARH	TIBI	S-NPP	29.53775	74.56175	13:59:02	D	4.40
51	HANUMANGARH	TIBI	S-NPP	29.53821	74.56631	13:59:02	D	7.10
52	HANUMANGARH	TIBI	S-NPP	29.54768	74.57430	13:59:02	D	11.50
53	HANUMANGARH	TIBI	S-NPP	29.54815	74.57887	13:59:02	D	11.50
54	HANUMANGARH	TIBI	S-NPP	29.54861	74.58343	13:59:02	D	6.70
55	HANUMANGARH	TIBI	S-NPP	29.54908	74.58800	13:59:02	D	6.70
56	HANUMANGARH	TIBI	S-NPP	29.55056	74.56005	13:59:02	D	6.30

57	HANUMANGARH	TIBI	S-NPP	29.55817	74.54984	13:59:02	D	2.30
58	HANUMANGARH	TIBI	S-NPP	29.57152	74.42918	13:59:02	D	4.90
59	HANUMANGARH	TIBI	S-NPP	29.57293	74.44262	13:59:02	D	5.80
60	HANUMANGARH	TIBI	S-NPP	29.57340	74.44711	13:59:02	D	5.80
61	HANUMANGARH	TIBI	S-NPP	29.58000	74.51015	13:59:02	D	6.00
62	HANUMANGARH	TIBI	S-NPP	29.58236	74.57433	13:59:02	D	13.50
63	HANUMANGARH	TIBI	S-NPP	29.58378	74.46393	13:59:02	D	17.60
64	HANUMANGARH	TIBI	S-NPP	29.58426	74.50959	13:59:02	D	6.00
65	HANUMANGARH	TIBI	S-NPP	29.59227	74.46281	13:59:02	D	41.80
66	HANUMANGARH	TIBI	S-NPP	29.59275	74.46730	13:59:02	D	11.40
67	HANUMANGARH	TIBI	S-NPP	29.59366	74.43531	13:59:02	D	1.90
68	HANUMANGARH	TIBI	S-NPP	29.59375	74.55895	13:59:02	D	3.00
69	HANUMANGARH	TIBI	S-NPP	29.59790	74.43475	13:59:02	D	10.60
70	HANUMANGARH	TIBI	S-NPP	29.60214	74.43418	13:59:02	D	10.60
71	HANUMANGARH	TIBI	S-NPP	29.60406	74.45211	13:59:02	D	8.10
72	HANUMANGARH	TIBI	S-NPP	29.60447	74.41573	13:59:02	D	2.30
73	HANUMANGARH	TIBI	S-NPP	29.61535	74.43695	13:59:02	D	6.20
74	HANUMANGARH	TIBI	S-NPP	29.61907	74.43770	13:59:02	D	4.00
75	HANUMANGARH	TIBI	AQUA	29.53800	74.58300	14:02:11	D	26.00
76	HANUMANGARH	TIBI	AQUA	29.57400	74.56800	14:02:11	D	23.50
77	HANUMANGARH	TIBI	AQUA	29.57600	74.57200	14:02:11	D	26.60
78	HANUMANGARH	TIBI	AQUA	29.58800	74.44200	14:02:11	D	34.60
79	HANUMANGARH	TIBI	AQUA	29.59300	74.46500	14:02:11	D	61.10
80	KOTA	PIPALDA	S-NPP	25.50235	76.49878	13:59:02	D	3.40

Details of residue burning events in Madhya Pradesh on 22-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	MUNGAOLI	S-NPP	24.34535	78.09660	13:59:02	D	5.20
2	ASHOKNAGAR	MUNGAOLI	S-NPP	24.34608	78.09879	13:59:02	D	4.50
3	ASHOKNAGAR	MUNGAOLI	S-NPP	24.50907	78.06392	13:59:02	D	6.20
4	ASHOKNAGAR	MUNGAOLI	S-NPP	24.52847	78.05560	13:59:02	D	8.80
5	ASHOKNAGAR	MUNGAOLI	AQUA	24.52800	78.05200	14:02:11	D	21.30
6	BALAGHAT	BAIHAR	S-NPP	21.97211	80.43958	13:59:02	D	5.70
7	BHIND	GOHAD	S-NPP	26.44544	78.29119	13:59:02	D	1.70
8	BHIND	GOHAD	S-NPP	26.48430	78.31504	13:59:02	D	3.30
9	BHIND	GOHAD	S-NPP	26.48453	78.31321	13:59:02	D	4.40
10	BHIND	GOHAD	S-NPP	26.48681	78.27818	13:59:02	D	2.10
11	BHIND	GOHAD	S-NPP	26.48730	78.29039	13:59:02	D	2.60
12	BHIND	GOHAD	S-NPP	26.49142	78.27075	13:59:02	D	7.80
13	BHIND	GOHAD	S-NPP	26.49259	78.28453	13:59:02	D	3.00
14	BHIND	GOHAD	S-NPP	26.49779	78.28400	13:59:02	D	3.00
15	BHIND	GOHAD	S-NPP	26.51025	78.30707	13:59:02	D	2.80
16	BHIND	GOHAD	S-NPP	26.51307	78.27893	13:59:02	D	4.60
17	BHIND	GOHAD	S-NPP	26.52495	78.29510	13:59:02	D	3.70
18	BHIND	GOHAD	S-NPP	26.52525	78.29855	13:59:02	D	3.70
19	BHIND	GOHAD	AQUA	26.48700	78.27100	14:02:11	D	15.60
20	CHHINDWARA	AMARWARA	S-NPP	22.27908	79.20744	13:59:02	D	2.10
21	DAMOH	JABERA	S-NPP	23.68541	79.68593	13:59:02	D	3.90
22	DAMOH	JABERA	AQUA	23.68300	79.68600	14:02:11	D	12.90
23	DAMOH	TENDUKHERA	S-NPP	23.61695	79.48439	13:59:02	D	3.80
24	DAMOH	TENDUKHERA	S-NPP	23.61822	79.48293	13:59:02	D	4.80
25	DATIA	BHANDER	S-NPP	25.60162	78.66562	13:59:02	D	4.20
26	DATIA	BHANDER	S-NPP	25.63331	78.72330	13:59:02	D	2.70
27	DATIA	BHANDER	S-NPP	25.90725	78.66298	13:59:02	D	4.00
28	DATIA	BHANDER	S-NPP	25.90786	78.67014	13:59:02	D	5.80
29	DATIA	BHANDER	S-NPP	25.90898	78.74611	13:59:02	D	3.60

30	DATIA	BHANDER	S-NPP	25.91644	78.77090	13:59:02	D	7.00
31	DATIA	BHANDER	S-NPP	25.91775	78.72341	13:59:02	D	5.00
32	DATIA	BHANDER	S-NPP	25.91905	78.67622	13:59:02	D	3.60
33	DATIA	BHANDER	S-NPP	25.92121	78.70132	13:59:02	D	5.60
34	DATIA	BHANDER	S-NPP	25.92152	78.70490	13:59:02	D	5.60
35	DATIA	BHANDER	S-NPP	25.92584	78.75534	13:59:02	D	4.80
36	DATIA	BHANDER	S-NPP	25.92615	78.75896	13:59:02	D	4.40
37	DATIA	BHANDER	S-NPP	25.92774	78.71516	13:59:02	D	5.60
38	DATIA	BHANDER	S-NPP	25.92805	78.71875	13:59:02	D	5.60
39	DATIA	BHANDER	S-NPP	25.92836	78.72235	13:59:02	D	10.20
40	DATIA	BHANDER	S-NPP	25.93991	78.73209	13:59:02	D	4.60
41	DATIA	BHANDER	AQUA	25.92800	78.72300	14:02:11	D	19.80
42	DATIA	DATIA	S-NPP	25.62653	78.30198	13:59:02	D	5.50
43	DATIA	DATIA	S-NPP	25.62824	78.30327	13:59:02	D	6.10
44	DATIA	DATIA	S-NPP	25.65019	78.55962	13:59:02	D	2.00
45	DATIA	DATIA	S-NPP	25.70591	78.41495	13:59:02	D	3.20
46	DATIA	DATIA	S-NPP	25.71990	78.22663	13:59:02	D	1.30
47	DATIA	DATIA	AQUA	25.62200	78.30400	14:02:11	D	10.80
48	DATIA	SEONDHA	S-NPP	25.82844	78.60109	13:59:02	D	2.30
49	DATIA	SEONDHA	S-NPP	25.84726	78.57435	13:59:02	D	3.40
50	DATIA	SEONDHA	S-NPP	25.85325	78.57928	12:18:45	D	5.80
51	DATIA	SEONDHA	S-NPP	25.86222	78.62260	13:59:02	D	4.80
52	DATIA	SEONDHA	S-NPP	25.89620	78.59612	13:59:02	D	4.60
53	DATIA	SEONDHA	S-NPP	25.92650	78.70078	13:59:02	D	2.30
54	DATIA	SEONDHA	S-NPP	25.93797	78.58826	13:59:02	D	1.20
55	DATIA	SEONDHA	S-NPP	25.94323	78.58772	13:59:02	D	1.20
56	DATIA	SEONDHA	S-NPP	25.96969	78.64588	13:59:02	D	2.70
57	DATIA	SEONDHA	S-NPP	25.98477	78.69496	13:59:02	D	2.90
58	DATIA	SEONDHA	S-NPP	25.98879	78.69199	13:59:02	D	4.40
59	DATIA	SEONDHA	S-NPP	25.98974	78.69083	13:59:02	D	2.70
60	DATIA	SEONDHA	S-NPP	26.10447	78.81824	13:59:02	D	1.20
61	DATIA	SEONDHA	AQUA	25.89500	78.59700	14:02:11	D	13.70
62	DATIA	SEONDHA	AQUA	25.93600	78.58800	14:02:11	D	8.10

63	DATIA	SEONDHA	AQUA	25.98300	78.68900	14:02:11	D	8.50
64	DHAR	MANAWAR	S-NPP	22.26222	75.13454	02:49:02	N	1.30
65	EAST NIMAR	KHANDWA	S-NPP	22.15118	76.18658	13:59:02	D	1.90
66	GWALIOR	BHITARWAR	S-NPP	25.72500	78.11631	13:59:02	D	3.00
67	GWALIOR	BHITARWAR	S-NPP	25.73853	78.11673	13:59:02	D	4.50
68	GWALIOR	BHITARWAR	S-NPP	25.73882	78.12002	13:59:02	D	11.10
69	GWALIOR	BHITARWAR	S-NPP	25.75028	78.07581	13:59:02	D	2.10
70	GWALIOR	BHITARWAR	S-NPP	25.75831	78.10789	13:59:02	D	3.10
71	GWALIOR	BHITARWAR	S-NPP	25.77327	78.15953	13:59:02	D	2.20
72	GWALIOR	BHITARWAR	S-NPP	25.77391	78.05367	13:59:02	D	1.80
73	GWALIOR	BHITARWAR	S-NPP	25.79595	78.01531	13:59:02	D	5.60
74	GWALIOR	BHITARWAR	S-NPP	25.82082	78.06183	13:59:02	D	2.30
75	GWALIOR	BHITARWAR	S-NPP	25.82384	78.06265	13:59:02	D	8.00
76	GWALIOR	BHITARWAR	S-NPP	25.82590	78.06129	13:59:02	D	3.80
77	GWALIOR	BHITARWAR	S-NPP	25.82621	78.06454	13:59:02	D	5.90
78	GWALIOR	BHITARWAR	S-NPP	25.83332	78.17117	13:59:02	D	2.10
79	GWALIOR	BHITARWAR	S-NPP	25.83516	78.07465	13:59:02	D	1.90
80	GWALIOR	BHITARWAR	S-NPP	25.85568	78.13209	13:59:02	D	2.50
81	GWALIOR	BHITARWAR	S-NPP	25.85677	78.02950	13:59:02	D	2.90
82	GWALIOR	BHITARWAR	S-NPP	25.86243	78.03546	13:59:02	D	7.00
83	GWALIOR	BHITARWAR	S-NPP	25.86272	78.03873	13:59:02	D	11.30
84	GWALIOR	BHITARWAR	S-NPP	25.86721	78.03166	13:59:02	D	4.30
85	GWALIOR	BHITARWAR	S-NPP	25.88782	78.08881	13:59:02	D	4.80
86	GWALIOR	BHITARWAR	S-NPP	25.88842	78.09538	13:59:02	D	4.10
87	GWALIOR	BHITARWAR	S-NPP	25.90492	78.10686	13:59:02	D	1.40
88	GWALIOR	BHITARWAR	S-NPP	25.93085	78.07454	13:59:02	D	2.60
89	GWALIOR	BHITARWAR	S-NPP	25.93114	78.07783	13:59:02	D	3.20
90	GWALIOR	BHITARWAR	S-NPP	25.93304	78.07734	13:59:02	D	3.80
91	GWALIOR	BHITARWAR	S-NPP	25.93409	78.03423	13:59:02	D	3.10
92	GWALIOR	BHITARWAR	S-NPP	25.93566	78.07069	13:59:02	D	3.50
93	GWALIOR	BHITARWAR	S-NPP	25.93583	78.10686	13:59:02	D	2.40
94	GWALIOR	BHITARWAR	S-NPP	25.93751	78.07024	13:59:02	D	5.80
95	GWALIOR	BHITARWAR	S-NPP	25.93882	78.10686	13:59:02	D	2.50

96	GWALIOR	BHITARWAR	S-NPP	25.94453	78.19951	13:59:02	D	2.40
97	GWALIOR	BHITARWAR	S-NPP	25.94466	78.14587	13:59:02	D	3.80
98	GWALIOR	BHITARWAR	S-NPP	25.94671	78.07945	13:59:02	D	4.90
99	GWALIOR	BHITARWAR	S-NPP	25.94700	78.08273	13:59:02	D	9.90
100	GWALIOR	BHITARWAR	S-NPP	25.94740	78.14590	13:59:02	D	5.60
101	GWALIOR	BHITARWAR	S-NPP	25.95151	78.07562	13:59:02	D	4.90
102	GWALIOR	BHITARWAR	S-NPP	25.95180	78.07890	13:59:02	D	4.90
103	GWALIOR	BHITARWAR	S-NPP	25.95339	78.03905	13:59:02	D	5.10
104	GWALIOR	BHITARWAR	S-NPP	25.95733	78.14146	13:59:02	D	3.40
105	GWALIOR	BHITARWAR	S-NPP	25.95938	78.16476	13:59:02	D	1.90
106	GWALIOR	BHITARWAR	S-NPP	25.96377	78.21471	13:59:02	D	1.40
107	GWALIOR	BHITARWAR	S-NPP	25.98195	78.18578	13:59:02	D	2.20
108	GWALIOR	BHITARWAR	S-NPP	25.99463	78.15420	13:59:02	D	1.80
109	GWALIOR	BHITARWAR	S-NPP	26.00213	78.06675	13:59:02	D	1.60
110	GWALIOR	BHITARWAR	AQUA	25.73700	78.11300	14:02:11	D	9.00
111	GWALIOR	BHITARWAR	AQUA	25.78800	78.01500	14:02:11	D	15.10
112	GWALIOR	BHITARWAR	AQUA	25.85900	78.03100	14:02:11	D	19.60
113	GWALIOR	BHITARWAR	AQUA	25.88300	78.08400	14:02:11	D	11.40
114	GWALIOR	BHITARWAR	AQUA	25.88600	78.09900	14:02:11	D	8.60
115	GWALIOR	BHITARWAR	AQUA	25.93800	78.07100	14:02:11	D	15.40
116	GWALIOR	BHITARWAR	AQUA	25.93800	78.13500	14:02:11	D	9.30
117	GWALIOR	BHITARWAR	AQUA	25.94000	78.08700	14:02:11	D	11.50
118	GWALIOR	DABRA	S-NPP	25.82684	78.18055	13:59:02	D	2.00
119	GWALIOR	DABRA	S-NPP	25.83859	78.29211	13:59:02	D	1.90
120	GWALIOR	DABRA	S-NPP	25.84412	78.35658	13:59:02	D	2.60
121	GWALIOR	DABRA	S-NPP	25.85163	78.27905	13:59:02	D	5.00
122	GWALIOR	DABRA	S-NPP	25.85195	78.28242	13:59:02	D	7.00
123	GWALIOR	DABRA	S-NPP	25.85319	78.28034	13:59:02	D	9.00
124	GWALIOR	DABRA	S-NPP	25.85569	78.24946	13:59:02	D	2.60
125	GWALIOR	DABRA	S-NPP	25.85775	78.27304	13:59:02	D	6.30
126	GWALIOR	DABRA	S-NPP	25.87805	78.26742	13:59:02	D	3.40
127	GWALIOR	DABRA	S-NPP	25.88111	78.24335	13:59:02	D	5.10
128	GWALIOR	DABRA	S-NPP	25.89442	78.27595	13:59:02	D	2.00

129	GWALIOR	DABRA	S-NPP	25.89684	78.30305	13:59:02	D	2.70
130	GWALIOR	DABRA	S-NPP	25.89715	78.30643	13:59:02	D	2.70
131	GWALIOR	DABRA	S-NPP	25.90409	78.21054	13:59:02	D	1.80
132	GWALIOR	DABRA	S-NPP	25.91534	78.27716	13:59:02	D	3.70
133	GWALIOR	DABRA	S-NPP	25.92432	78.43469	13:59:02	D	1.70
134	GWALIOR	DABRA	S-NPP	25.93160	78.22775	13:59:02	D	4.50
135	GWALIOR	DABRA	S-NPP	25.93814	78.29861	13:59:02	D	2.20
136	GWALIOR	DABRA	S-NPP	25.94251	78.23336	13:59:02	D	1.70
137	GWALIOR	DABRA	S-NPP	25.94456	78.31161	13:59:02	D	2.70
138	GWALIOR	DABRA	S-NPP	25.95004	78.31448	13:59:02	D	2.70
139	GWALIOR	DABRA	S-NPP	25.95004	78.42855	13:59:02	D	2.00
140	GWALIOR	DABRA	S-NPP	25.95106	78.30807	13:59:02	D	6.20
141	GWALIOR	DABRA	S-NPP	25.95130	78.32810	13:59:02	D	1.90
142	GWALIOR	DABRA	S-NPP	25.95457	78.30711	13:59:02	D	2.10
143	GWALIOR	DABRA	S-NPP	25.96273	78.26230	13:59:02	D	2.30
144	GWALIOR	DABRA	S-NPP	25.98386	78.32518	13:59:02	D	8.20
145	GWALIOR	DABRA	S-NPP	26.03366	78.24107	13:59:02	D	1.80
146	GWALIOR	DABRA	AQUA	25.90000	78.38500	14:02:11	D	9.80
147	GWALIOR	DABRA	AQUA	25.98400	78.32900	14:02:11	D	15.80
148	GWALIOR	GWALIOR	S-NPP	26.22935	78.35607	13:59:02	D	6.50
149	GWALIOR	GWALIOR	S-NPP	26.24922	78.34364	13:59:02	D	3.80
150	GWALIOR	GWALIOR	S-NPP	26.28793	78.17960	13:59:02	D	3.20
151	GWALIOR	GWALIOR	S-NPP	26.28823	78.18298	13:59:02	D	4.00
152	GWALIOR	GWALIOR	S-NPP	26.32878	78.34771	13:59:02	D	2.30
153	GWALIOR	GWALIOR	AQUA	26.32600	78.34900	14:02:11	D	7.70
154	HOSHANGABAD	BABAI	S-NPP	22.71259	78.03967	13:59:02	D	5.80
155	HOSHANGABAD	BABAI	S-NPP	22.76667	78.06100	13:59:02	D	6.50
156	HOSHANGABAD	BABAI	S-NPP	22.78963	77.80376	13:59:02	D	5.30
157	HOSHANGABAD	BABAI	S-NPP	22.80094	78.05714	13:59:02	D	3.20
158	HOSHANGABAD	BABAI	S-NPP	22.82211	77.84837	13:59:02	D	5.90
159	HOSHANGABAD	BABAI	AQUA	22.76600	78.06200	14:02:11	D	13.60
160	HOSHANGABAD	BANKHERI	S-NPP	22.88031	78.49333	13:59:02	D	15.90
161	HOSHANGABAD	BANKHERI	AQUA	22.87700	78.48800	14:02:11	D	24.20

162	HOSHANGABAD	BANKHERI	AQUA	22.87900	78.49300	14:02:11	D	25.40
163	HOSHANGABAD	SOHAGPUR	S-NPP	22.83832	78.14313	01:08:45	N	0.80
164	JABALPUR	JABALPUR	S-NPP	23.26925	79.94086	13:59:02	D	8.90
165	JABALPUR	JABALPUR	S-NPP	23.27516	79.94425	13:59:02	D	11.90
166	JABALPUR	JABALPUR	S-NPP	23.29218	79.94656	13:59:02	D	1.40
167	JABALPUR	JABALPUR	S-NPP	23.29287	79.95444	13:59:02	D	2.20
168	JABALPUR	JABALPUR	S-NPP	23.29669	79.93423	13:59:02	D	5.80
169	JABALPUR	JABALPUR	S-NPP	23.31609	79.90071	13:59:02	D	2.20
170	JABALPUR	JABALPUR	S-NPP	23.31618	79.96417	13:59:02	D	4.10
171	JABALPUR	JABALPUR	S-NPP	23.32058	79.88847	13:59:02	D	6.60
172	JABALPUR	JABALPUR	S-NPP	23.32093	79.89237	13:59:02	D	8.00
173	JABALPUR	JABALPUR	S-NPP	23.33273	79.89914	13:59:02	D	2.50
174	JABALPUR	JABALPUR	S-NPP	23.34037	79.92987	13:59:02	D	13.90
175	JABALPUR	JABALPUR	S-NPP	23.34114	79.92992	13:59:02	D	12.60
176	JABALPUR	JABALPUR	S-NPP	23.34233	79.90595	12:18:45	D	3.10
177	JABALPUR	JABALPUR	S-NPP	23.38517	79.92948	13:59:02	D	6.90
178	JABALPUR	JABALPUR	AQUA	23.29300	79.93100	14:02:11	D	20.60
179	JABALPUR	JABALPUR	AQUA	23.30700	79.84200	14:02:11	D	8.70
180	JABALPUR	JABALPUR	AQUA	23.30900	79.96700	14:02:11	D	21.90
181	JABALPUR	JABALPUR	AQUA	23.31600	79.89400	14:02:11	D	23.90
182	JABALPUR	JABALPUR	AQUA	23.33300	79.93000	14:02:11	D	22.40
183	JABALPUR	MAJHOULI	S-NPP	23.37849	79.98196	13:59:02	D	1.90
184	JABALPUR	MAJHOULI	S-NPP	23.40045	79.97581	13:59:02	D	2.30
185	JABALPUR	MAJHOULI	S-NPP	23.44141	80.05645	13:59:02	D	3.90
186	JABALPUR	MAJHOULI	S-NPP	23.44938	80.01929	13:59:02	D	4.40
187	JABALPUR	MAJHOULI	S-NPP	23.45314	80.02216	13:59:02	D	3.20
188	JABALPUR	MAJHOULI	S-NPP	23.45997	79.96926	13:59:02	D	3.00
189	JABALPUR	MAJHOULI	S-NPP	23.50386	80.02126	13:59:02	D	4.70
190	JABALPUR	MAJHOULI	S-NPP	23.50449	80.09436	13:59:02	D	3.30
191	JABALPUR	MAJHOULI	S-NPP	23.51435	79.94779	13:59:02	D	2.30
192	JABALPUR	MAJHOULI	S-NPP	23.51609	79.96766	13:59:02	D	3.10
193	JABALPUR	MAJHOULI	S-NPP	23.53300	80.16140	13:59:02	D	4.50
194	JABALPUR	MAJHOULI	S-NPP	23.55043	80.03686	13:59:02	D	3.50

195	JABALPUR	MAJHOULI	S-NPP	23.55406	79.92757	12:18:45	D	5.40
196	JABALPUR	MAJHOULI	S-NPP	23.55766	79.92438	12:18:45	D	6.00
197	JABALPUR	MAJHOULI	S-NPP	23.56012	80.03992	13:59:02	D	3.80
198	JABALPUR	MAJHOULI	S-NPP	23.56199	80.03972	13:59:02	D	3.30
199	JABALPUR	MAJHOULI	S-NPP	23.56272	80.04778	13:59:02	D	5.00
200	JABALPUR	MAJHOULI	S-NPP	23.56919	79.94617	13:59:02	D	3.60
201	JABALPUR	MAJHOULI	S-NPP	23.57044	79.94624	13:59:02	D	5.00
202	JABALPUR	MAJHOULI	S-NPP	23.59914	79.96738	13:59:02	D	3.60
203	JABALPUR	MAJHOULI	AQUA	23.37200	79.97500	14:02:11	D	13.80
204	JABALPUR	MAJHOULI	AQUA	23.37400	79.98800	14:02:11	D	9.00
205	JABALPUR	MAJHOULI	AQUA	23.51300	79.96100	14:02:11	D	17.70
206	JABALPUR	MAJHOULI	AQUA	23.51500	79.97300	14:02:11	D	7.10
207	JABALPUR	MAJHOULI	AQUA	23.52700	80.15900	14:02:11	D	7.70
208	JABALPUR	MAJHOULI	AQUA	23.55800	80.04300	14:02:11	D	8.60
209	JABALPUR	PATAN	S-NPP	23.18995	79.84033	12:18:45	D	6.80
210	JABALPUR	PATAN	S-NPP	23.19394	79.83741	13:59:02	D	2.70
211	JABALPUR	PATAN	S-NPP	23.19436	79.84126	12:18:45	D	8.10
212	JABALPUR	PATAN	S-NPP	23.20006	79.82133	12:18:45	D	3.50
213	JABALPUR	PATAN	S-NPP	23.22198	79.70159	12:18:45	D	4.90
214	JABALPUR	PATAN	S-NPP	23.22697	79.83880	13:59:02	D	11.50
215	JABALPUR	PATAN	S-NPP	23.22730	79.84267	13:59:02	D	11.50
216	JABALPUR	PATAN	S-NPP	23.22740	79.83807	13:59:02	D	10.30
217	JABALPUR	PATAN	S-NPP	23.22775	79.84194	13:59:02	D	10.30
218	JABALPUR	PATAN	S-NPP	23.23747	79.76724	13:59:02	D	4.90
219	JABALPUR	PATAN	S-NPP	23.25772	79.80846	13:59:02	D	6.10
220	JABALPUR	PATAN	S-NPP	23.26390	79.81564	13:59:02	D	7.00
221	JABALPUR	PATAN	S-NPP	23.27322	79.79526	13:59:02	D	2.90
222	JABALPUR	PATAN	S-NPP	23.27430	79.68354	13:59:02	D	2.60
223	JABALPUR	PATAN	S-NPP	23.27976	79.68297	13:59:02	D	2.00
224	JABALPUR	PATAN	S-NPP	23.28423	79.79418	13:59:02	D	4.50
225	JABALPUR	PATAN	S-NPP	23.28768	79.83279	13:59:02	D	4.10
226	JABALPUR	PATAN	S-NPP	23.28939	79.78979	13:59:02	D	5.10
227	JABALPUR	PATAN	S-NPP	23.29524	79.79310	13:59:02	D	6.40

228	JABALPUR	PATAN	S-NPP	23.29831	79.76566	13:59:02	D	4.20
229	JABALPUR	PATAN	S-NPP	23.30346	79.76129	13:59:02	D	4.20
230	JABALPUR	PATAN	S-NPP	23.30381	79.76513	13:59:02	D	4.20
231	JABALPUR	PATAN	S-NPP	23.30546	79.72256	13:59:02	D	3.70
232	JABALPUR	PATAN	S-NPP	23.30591	79.78816	13:59:02	D	1.10
233	JABALPUR	PATAN	S-NPP	23.31116	79.84615	13:59:02	D	3.90
234	JABALPUR	PATAN	S-NPP	23.31211	79.79532	13:59:02	D	2.90
235	JABALPUR	PATAN	S-NPP	23.31446	79.76025	13:59:02	D	4.10
236	JABALPUR	PATAN	S-NPP	23.31819	79.74055	13:59:02	D	2.80
237	JABALPUR	PATAN	S-NPP	23.32987	79.74710	13:59:02	D	7.90
238	JABALPUR	PATAN	S-NPP	23.33035	79.74669	13:59:02	D	9.70
239	JABALPUR	PATAN	S-NPP	23.33341	79.84763	13:59:02	D	3.00
240	JABALPUR	PATAN	S-NPP	23.33362	79.84785	13:59:02	D	2.80
241	JABALPUR	PATAN	S-NPP	23.34027	79.86270	13:59:02	D	10.30
242	JABALPUR	PATAN	S-NPP	23.34059	79.86293	13:59:02	D	6.30
243	JABALPUR	PATAN	S-NPP	23.34580	79.86216	13:59:02	D	3.10
244	JABALPUR	PATAN	S-NPP	23.34612	79.86240	13:59:02	D	6.30
245	JABALPUR	PATAN	S-NPP	23.36399	79.75109	13:59:02	D	8.10
246	JABALPUR	PATAN	S-NPP	23.36948	79.75055	13:59:02	D	4.70
247	JABALPUR	PATAN	AQUA	23.19400	79.83700	14:02:11	D	7.50
248	JABALPUR	PATAN	AQUA	23.20000	79.76100	14:02:11	D	15.80
249	JABALPUR	PATAN	AQUA	23.22400	79.83800	14:02:11	D	12.40
250	JABALPUR	PATAN	AQUA	23.25000	79.80500	14:02:11	D	23.40
251	JABALPUR	PATAN	AQUA	23.27600	79.77200	14:02:11	D	15.90
252	JABALPUR	PATAN	AQUA	23.30300	79.76100	14:02:11	D	15.00
253	JABALPUR	PATAN	AQUA	23.34200	79.86200	14:02:11	D	27.90
254	JABALPUR	PATAN	AQUA	23.36400	79.74900	14:02:11	D	24.70
255	JABALPUR	PATAN	AQUA	23.37000	79.84200	14:02:11	D	6.40
256	JABALPUR	SAHPURA	S-NPP	23.16607	79.77428	13:59:02	D	7.00
257	JABALPUR	SAHPURA	S-NPP	23.16611	79.65208	13:59:02	D	1.50
258	JABALPUR	SAHPURA	S-NPP	23.16678	79.72049	13:59:02	D	3.50
259	JABALPUR	SAHPURA	S-NPP	23.17156	79.65150	13:59:02	D	3.00
260	JABALPUR	SAHPURA	S-NPP	23.17156	79.77374	13:59:02	D	4.40

261	JABALPUR	SAHPURA	S-NPP	23.17671	79.76937	13:59:02	D	6.00
262	JABALPUR	SAHPURA	S-NPP	23.17705	79.77319	13:59:02	D	4.40
263	JABALPUR	SAHPURA	S-NPP	23.17804	79.66222	13:59:02	D	2.00
264	JABALPUR	SAHPURA	S-NPP	23.17808	79.78468	13:59:02	D	7.30
265	JABALPUR	SAHPURA	S-NPP	23.18377	79.60503	13:59:02	D	3.40
266	JABALPUR	SAHPURA	S-NPP	23.18851	79.59705	13:59:02	D	4.70
267	JABALPUR	SAHPURA	S-NPP	23.18936	79.72589	13:59:02	D	10.80
268	JABALPUR	SAHPURA	S-NPP	23.19727	79.75194	13:59:02	D	3.60
269	JABALPUR	SAHPURA	S-NPP	23.20346	79.75900	13:59:02	D	3.40
270	JABALPUR	SAHPURA	AQUA	23.16200	79.65100	14:02:11	D	19.60
271	JABALPUR	SAHPURA	AQUA	23.16200	79.77500	14:02:11	D	16.90
272	JABALPUR	SAHPURA	AQUA	23.17300	79.77300	14:02:11	D	13.80
273	JABALPUR	SAHPURA	AQUA	23.17500	79.78600	14:02:11	D	13.70
274	JABALPUR	SAHPURA	AQUA	23.18200	79.59800	14:02:11	D	10.50
275	JABALPUR	SAHPURA	AQUA	23.18300	79.72300	14:02:11	D	15.60
276	JABALPUR	SAHPURA	AQUA	23.18500	79.73600	14:02:11	D	28.60
277	JABALPUR	SAHPURA	AQUA	23.18600	79.72900	14:02:11	D	29.30
278	JABALPUR	SIHORA	S-NPP	23.37225	80.10764	13:59:02	D	2.20
279	JABALPUR	SIHORA	S-NPP	23.40031	80.17064	13:59:02	D	1.90
280	JABALPUR	SIHORA	S-NPP	23.43067	80.19257	13:59:02	D	3.00
281	JABALPUR	SIHORA	S-NPP	23.43118	80.21668	12:18:45	D	4.80
282	JABALPUR	SIHORA	S-NPP	23.43312	80.21819	12:18:45	D	5.90
283	JABALPUR	SIHORA	S-NPP	23.44881	80.07603	13:59:02	D	6.90
284	JABALPUR	SIHORA	S-NPP	23.44917	80.08007	13:59:02	D	13.90
285	JABALPUR	SIHORA	S-NPP	23.45040	80.15768	13:59:02	D	7.90
286	JABALPUR	SIHORA	S-NPP	23.45531	80.14899	13:59:02	D	5.20
287	JABALPUR	SIHORA	S-NPP	23.45551	80.08761	13:59:02	D	6.60
288	JABALPUR	SIHORA	S-NPP	23.45728	80.23572	13:59:02	D	5.50
289	JABALPUR	SIHORA	S-NPP	23.45859	80.05885	13:59:02	D	1.70
290	JABALPUR	SIHORA	S-NPP	23.45894	80.18989	13:59:02	D	5.70
291	JABALPUR	SIHORA	S-NPP	23.46176	80.05782	13:59:02	D	4.20
292	JABALPUR	SIHORA	S-NPP	23.46420	80.05830	13:59:02	D	2.50
293	JABALPUR	SIHORA	S-NPP	23.47569	80.08111	12:18:45	D	9.40

294	JABALPUR	SIHORA	S-NPP	23.47723	80.08225	12:18:45	D	6.60
295	JABALPUR	SIHORA	S-NPP	23.48203	80.12997	13:59:02	D	2.90
296	JABALPUR	SIHORA	AQUA	23.36300	80.10800	14:02:11	D	8.90
297	JABALPUR	SIHORA	AQUA	23.39700	80.12700	14:02:11	D	7.20
298	JABALPUR	SIHORA	AQUA	23.42400	80.22400	14:02:11	D	8.10
299	JABALPUR	SIHORA	AQUA	23.45300	80.14800	14:02:11	D	10.90
300	JABALPUR	SIHORA	AQUA	23.45800	80.05600	14:02:11	D	20.60
301	KATNI	BAHURIBAND	S-NPP	23.61828	80.01416	12:18:45	D	6.10
302	KATNI	BAHURIBAND	S-NPP	23.61910	80.00820	12:18:45	D	3.40
303	KATNI	BAHURIBAND	S-NPP	23.62092	80.01534	12:18:45	D	3.40
304	KATNI	BAHURIBAND	S-NPP	23.62357	80.05408	13:59:02	D	4.30
305	KATNI	BAHURIBAND	S-NPP	23.63586	80.06516	13:59:02	D	2.20
306	KATNI	BAHURIBAND	S-NPP	23.63940	80.10574	13:59:02	D	4.90
307	KATNI	BAHURIBAND	S-NPP	23.66086	80.09140	13:59:02	D	9.20
308	KATNI	BAHURIBAND	S-NPP	23.66613	80.08669	13:59:02	D	4.10
309	KATNI	BAHURIBAND	S-NPP	23.67101	80.07779	13:59:02	D	1.80
310	KATNI	BAHURIBAND	S-NPP	23.78902	79.92062	13:59:02	D	1.90
311	KATNI	BAHURIBAND	AQUA	23.62200	80.05000	14:02:11	D	9.30
312	KATNI	BAHURIBAND	AQUA	23.66000	80.09400	14:02:11	D	13.40
313	KATNI	DHIMERKHEDA	S-NPP	23.47760	80.27135	13:59:02	D	3.00
314	KATNI	DHIMERKHEDA	S-NPP	23.51776	80.25021	13:59:02	D	4.60
315	KATNI	DHIMERKHEDA	S-NPP	23.67305	80.36247	13:59:02	D	3.80
316	KATNI	DHIMERKHEDA	AQUA	23.47100	80.31000	14:02:11	D	6.70
317	KATNI	DHIMERKHEDA	AQUA	23.47300	80.32200	14:02:11	D	8.90
318	KATNI	DHIMERKHEDA	AQUA	23.51200	80.25100	14:02:11	D	8.90
319	MANDLA	MANDLA	S-NPP	22.51079	80.38588	13:59:02	D	5.10
320	MANDLA	MANDLA	S-NPP	22.53338	80.44594	13:59:02	D	3.10
321	NARSHIMAPURA	GADARWARA	S-NPP	22.80802	78.67654	13:59:02	D	2.00
322	NARSHIMAPURA	GADARWARA	S-NPP	22.81094	78.67483	13:59:02	D	2.90
323	NARSHIMAPURA	GADARWARA	S-NPP	22.81478	78.60696	13:59:02	D	3.00
324	NARSHIMAPURA	GADARWARA	S-NPP	22.84725	78.67738	13:59:02	D	4.00
325	NARSHIMAPURA	GADARWARA	S-NPP	22.86077	78.60514	13:59:02	D	2.80
326	NARSHIMAPURA	GADARWARA	S-NPP	22.86585	78.60461	13:59:02	D	2.80

327	NARSHIMAPURA	GADARWARA	S-NPP	22.87055	78.65224	13:59:02	D	2.30
328	NARSHIMAPURA	GADARWARA	S-NPP	22.96815	78.72742	13:59:02	D	1.90
329	NARSHIMAPURA	GOTECAON	S-NPP	22.99723	79.49821	13:59:02	D	4.50
330	NARSHIMAPURA	GOTECAON	S-NPP	23.00064	79.49934	13:59:02	D	4.20
331	NARSHIMAPURA	GOTECAON	S-NPP	23.02814	79.53931	13:59:02	D	6.40
332	NARSHIMAPURA	GOTECAON	S-NPP	23.03828	79.53088	13:59:02	D	1.70
333	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.91646	79.23792	13:59:02	D	7.30
334	NARSHIMAPURA	TENDUKHERA	S-NPP	23.07264	78.98586	13:59:02	D	3.80
335	PANNA	PANNA	S-NPP	24.62330	80.40772	13:59:02	D	3.30
336	PANNA	PANNA	AQUA	24.57300	80.31700	14:02:11	D	5.40
337	PANNA	PANNA	AQUA	24.62200	80.41000	14:02:11	D	6.80
338	PANNA	SHAHNAGAR	AQUA	24.01100	80.28300	14:02:11	D	6.10
339	RAISEN	BAGAMGANJ	S-NPP	23.54118	78.58600	13:59:02	D	2.80
340	RAISEN	BARELI	S-NPP	22.87320	78.11739	13:59:02	D	2.30
341	RAISEN	GOHARGANJ	S-NPP	22.95587	77.63648	13:59:02	D	6.30
342	RAISEN	GOHARGANJ	S-NPP	23.00360	77.63100	13:59:02	D	6.40
343	RAISEN	GOHARGANJ	S-NPP	23.01594	77.61117	13:59:02	D	18.80
344	RAISEN	GOHARGANJ	S-NPP	23.01617	77.61287	13:59:02	D	14.70
345	RAISEN	GOHARGANJ	S-NPP	23.04417	77.69356	13:59:02	D	8.40
346	RAISEN	GOHARGANJ	S-NPP	23.04815	77.69142	13:59:02	D	12.00
347	RAISEN	GOHARGANJ	S-NPP	23.04872	77.69700	13:59:02	D	6.90
348	RAISEN	GOHARGANJ	S-NPP	23.10607	77.55061	13:59:02	D	4.20
349	RAISEN	GOHARGANJ	AQUA	22.99900	77.61900	14:02:11	D	11.90
350	RAISEN	GOHARGANJ	AQUA	23.01600	77.60900	14:02:11	D	11.50
351	RAISEN	GOHARGANJ	AQUA	23.04200	77.68000	14:02:11	D	19.10
352	RAISEN	GOHARGANJ	AQUA	23.04500	77.69800	14:02:11	D	19.30
353	RAISEN	RAISEN	S-NPP	23.41385	77.86636	13:59:02	D	3.40
354	REWA	HUZUR	AQUA	24.42300	81.27800	14:02:11	D	6.20
355	REWA	TEONTHAR	AQUA	24.99100	81.70700	14:02:11	D	5.00
356	REWA	TEONTHAR	AQUA	25.05700	81.65600	14:02:11	D	5.80
357	REWA	TEONTHAR	AQUA	25.05900	81.66600	14:02:11	D	9.20
358	SAGAR	DEVRI	S-NPP	23.49167	78.94244	13:59:02	D	3.60
359	SAGAR	REHLI	S-NPP	23.65523	79.04353	01:08:45	N	1.40

360	SAGAR	SAGAR	S-NPP	23.64997	78.53349	13:59:02	D	2.70
361	SATNA	AMARPATAN	AQUA	24.38500	81.21900	14:02:11	D	6.00
362	SATNA	MAIHAR	S-NPP	24.00799	80.45512	13:59:02	D	2.50
363	SATNA	MAIHAR	S-NPP	24.30316	80.93589	13:59:02	D	3.50
364	SATNA	MAIHAR	AQUA	24.20400	80.75000	14:02:11	D	5.20
365	SATNA	NAGOD	S-NPP	24.62756	80.67993	13:59:02	D	7.40
366	SATNA	RAGURAJNAGAR	S-NPP	24.67344	80.68166	13:59:02	D	3.80
367	SATNA	RAGURAJNAGAR	S-NPP	24.67511	80.68018	13:59:02	D	3.10
368	SATNA	RAGURAJNAGAR	AQUA	24.66600	80.67300	14:02:11	D	5.70
369	SATNA	RAMPURBAGHLEAN	S-NPP	24.56790	81.02149	13:59:02	D	5.40
370	SATNA	RAMPURBAGHLEAN	S-NPP	24.61487	81.14591	13:59:02	D	2.20
371	SATNA	RAMPURBAGHLEAN	S-NPP	24.68769	81.03851	13:59:02	D	6.00
372	SATNA	RAMPURBAGHLEAN	S-NPP	24.69175	81.03626	13:59:02	D	5.00
373	SATNA	RAMPURBAGHLEAN	AQUA	24.40100	80.87200	14:02:11	D	6.10
374	SATNA	RAMPURBAGHLEAN	AQUA	24.52700	80.89800	14:02:11	D	5.70
375	SATNA	RAMPURBAGHLEAN	AQUA	24.68000	81.03200	14:02:11	D	5.90
376	SATNA	UCHAHAR	AQUA	24.45500	80.85000	14:02:11	D	5.20
377	SEHORE	BUDHNI	AQUA	22.86300	77.97400	14:02:11	D	10.50
378	SEONI	SEONI	S-NPP	22.10197	79.39761	13:59:02	D	1.40
379	SHEOPUR	SHEOPUR	S-NPP	25.49965	76.70415	13:59:02	D	3.60
380	SHEOPUR	SHEOPUR	S-NPP	25.72602	76.60757	13:59:02	D	3.30
381	SHEOPUR	SHEOPUR	S-NPP	25.73065	76.60700	13:59:02	D	4.20
382	SHEOPUR	SHEOPUR	S-NPP	25.89303	76.69392	13:59:02	D	7.30
383	SHIVPURI	KOLARAS	S-NPP	25.07214	77.88806	13:59:02	D	5.70
384	SHIVPURI	NARWAR	S-NPP	25.53392	78.19463	13:59:02	D	2.20
385	SHIVPURI	NARWAR	S-NPP	25.64386	78.24461	13:59:02	D	6.50
386	SHIVPURI	NARWAR	S-NPP	25.65422	78.18673	13:59:02	D	5.40
387	SHIVPURI	NARWAR	S-NPP	25.66628	78.14898	13:59:02	D	3.70
388	SHIVPURI	NARWAR	S-NPP	25.66982	78.24529	13:59:02	D	3.60
389	SHIVPURI	NARWAR	S-NPP	25.68399	78.17366	13:59:02	D	3.20
390	SHIVPURI	NARWAR	S-NPP	25.70688	78.19791	13:59:02	D	2.70
391	SHIVPURI	NARWAR	S-NPP	25.72393	77.95331	13:59:02	D	4.30
392	SHIVPURI	NARWAR	S-NPP	25.72484	77.95479	13:59:02	D	5.30

393	UMARIA	BANDHOGARH	S-NPP	23.59828	80.65290	13:59:02	D	4.60
394	VIDESHA	VIDESHA	S-NPP	23.48941	77.92883	13:59:02	D	5.00
395	VIDESHA	VIDESHA	S-NPP	23.49105	77.92586	13:59:02	D	4.90
396	WEST NIMAR	KHARGON	S-NPP	21.79372	75.61431	13:59:02	D	2.90

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

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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](#)
