

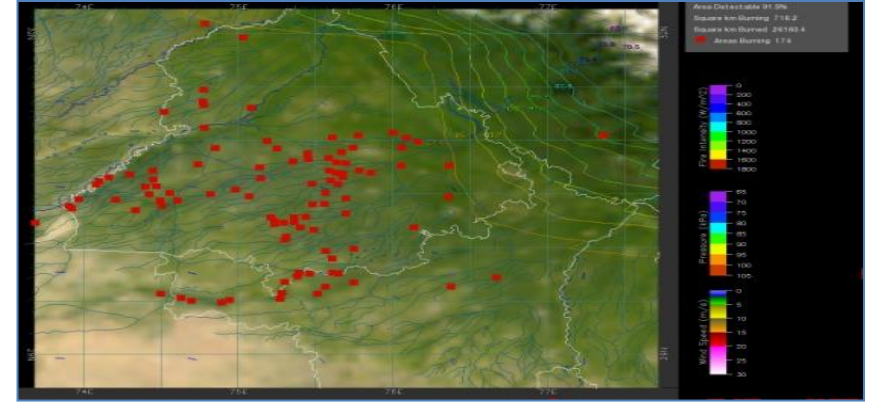
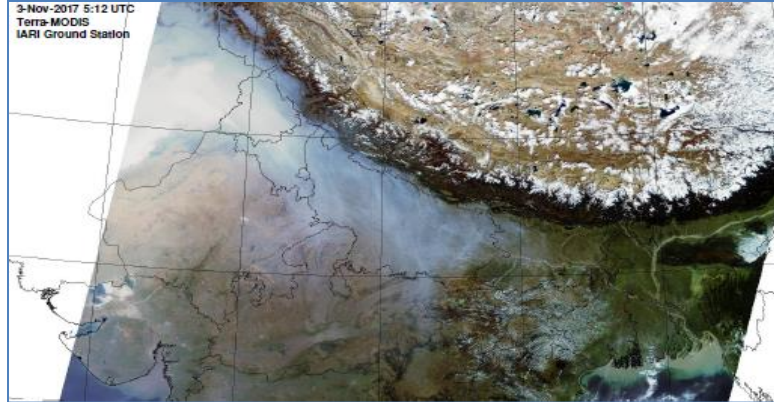


MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2024

**Bulletin
No. 70**

**Events Date:
23-Nov-2024**

**Issued on:
23-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

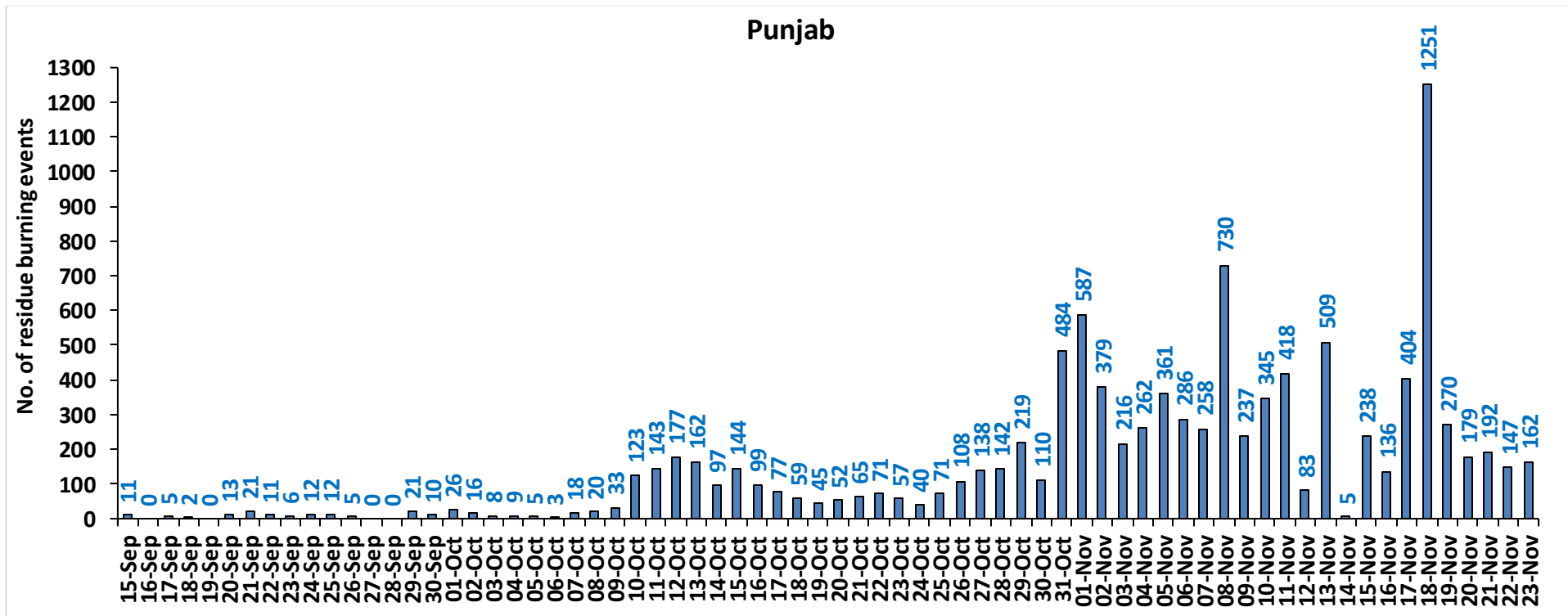
<https://creams.iari.res.in>

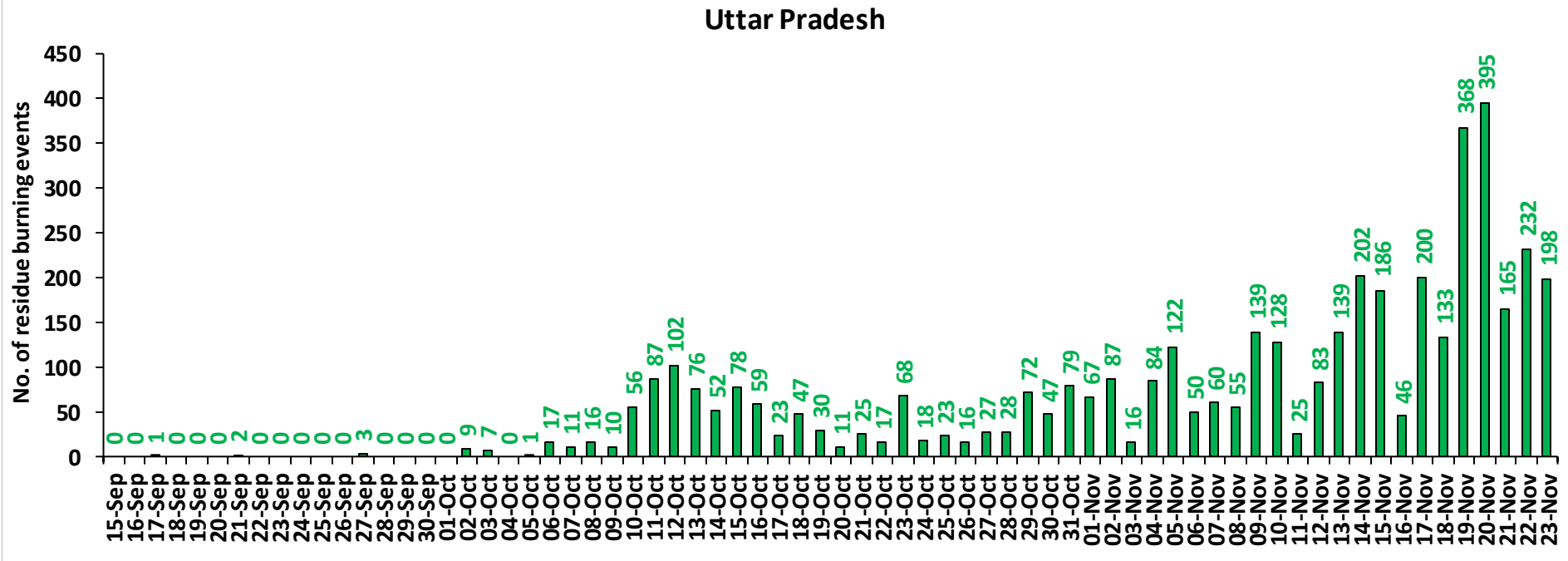
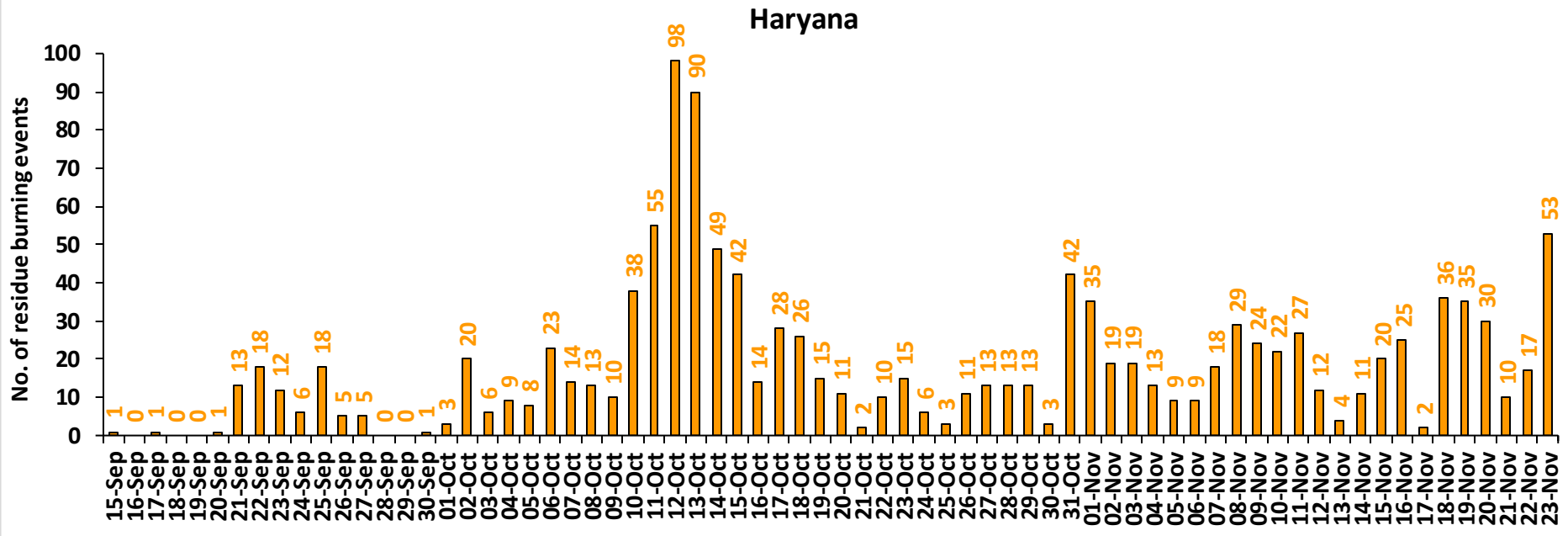


Highlights for 23-Nov-2024

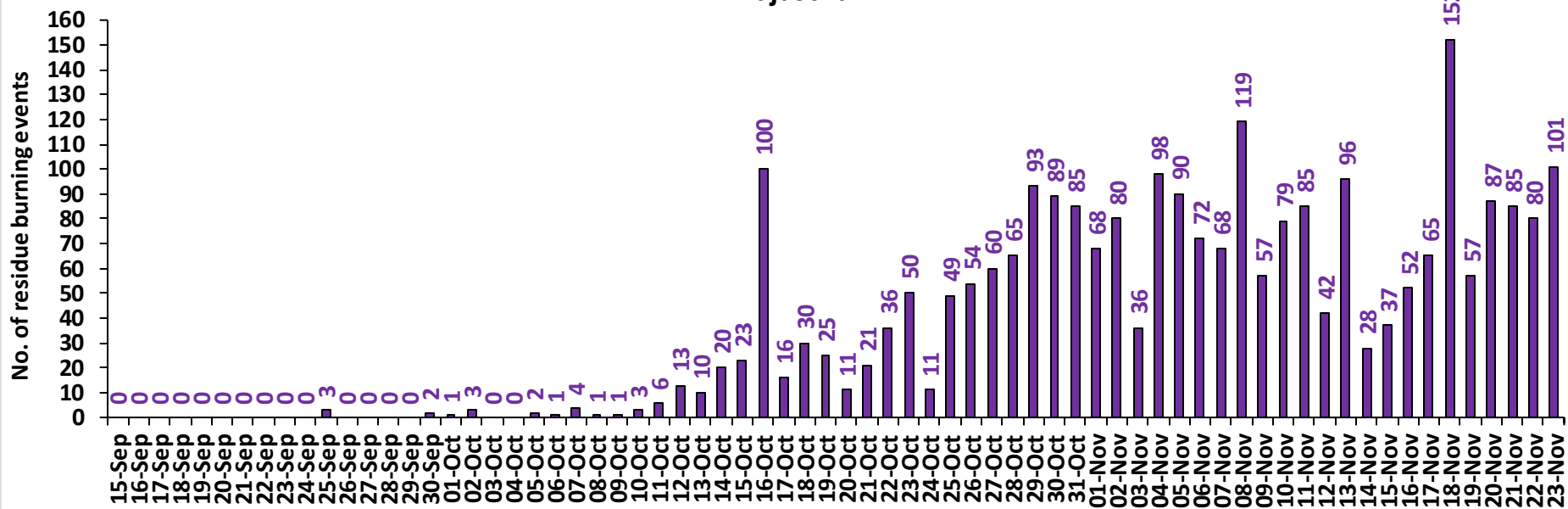
- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol " recommended by CAQM.
- Satellites detected **1001** residue burning events in the six study States on **23-Nov-2024**.
- The state wise events detected on **23-Nov-2024** were **162** in Punjab, **53** in Haryana, **198** in UP, **00** in Delhi, **101** in Rajasthan and **487** in MP.
- Total **32596** burning events were detected in the six states between **15-Sept-2024** and **23-Nov-2024**, which are distributed as **10605**, **1263**, **4298**, **12**, **2622** and **13796** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

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

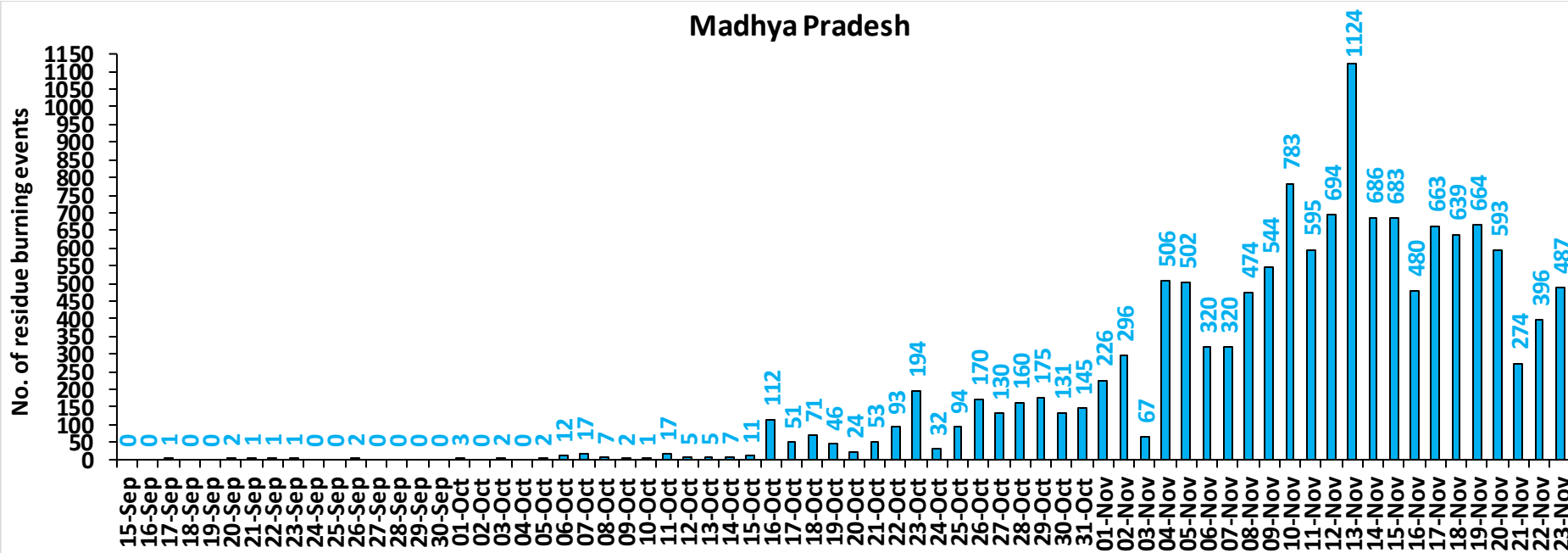




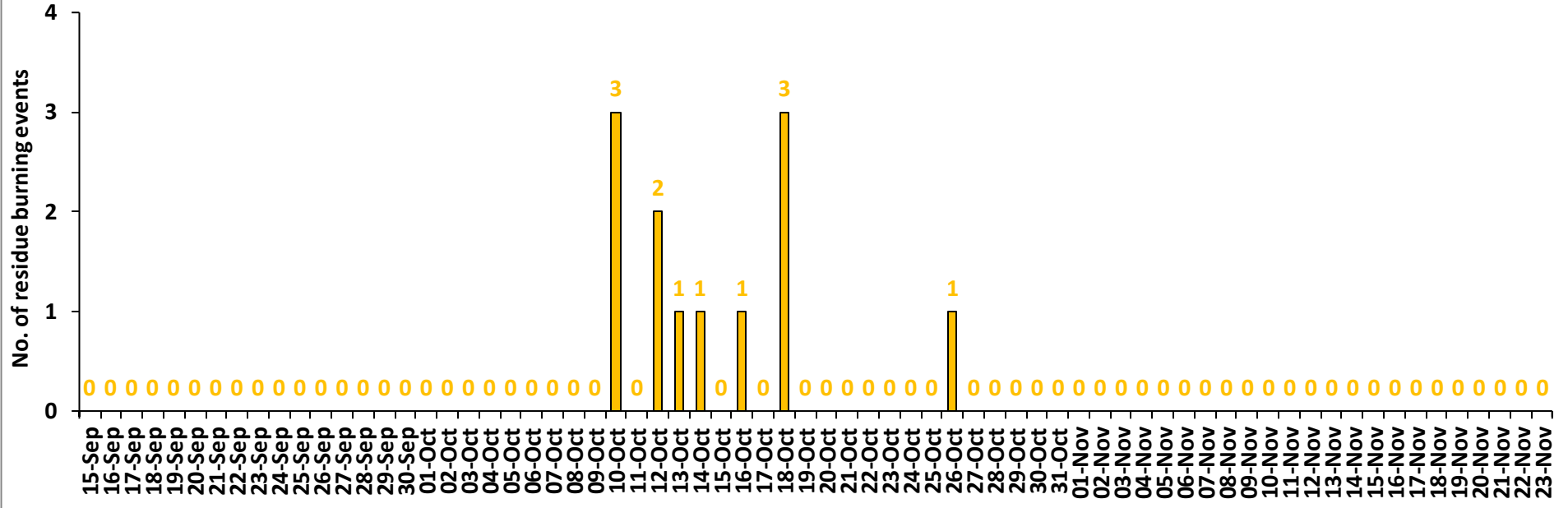
Rajasthan



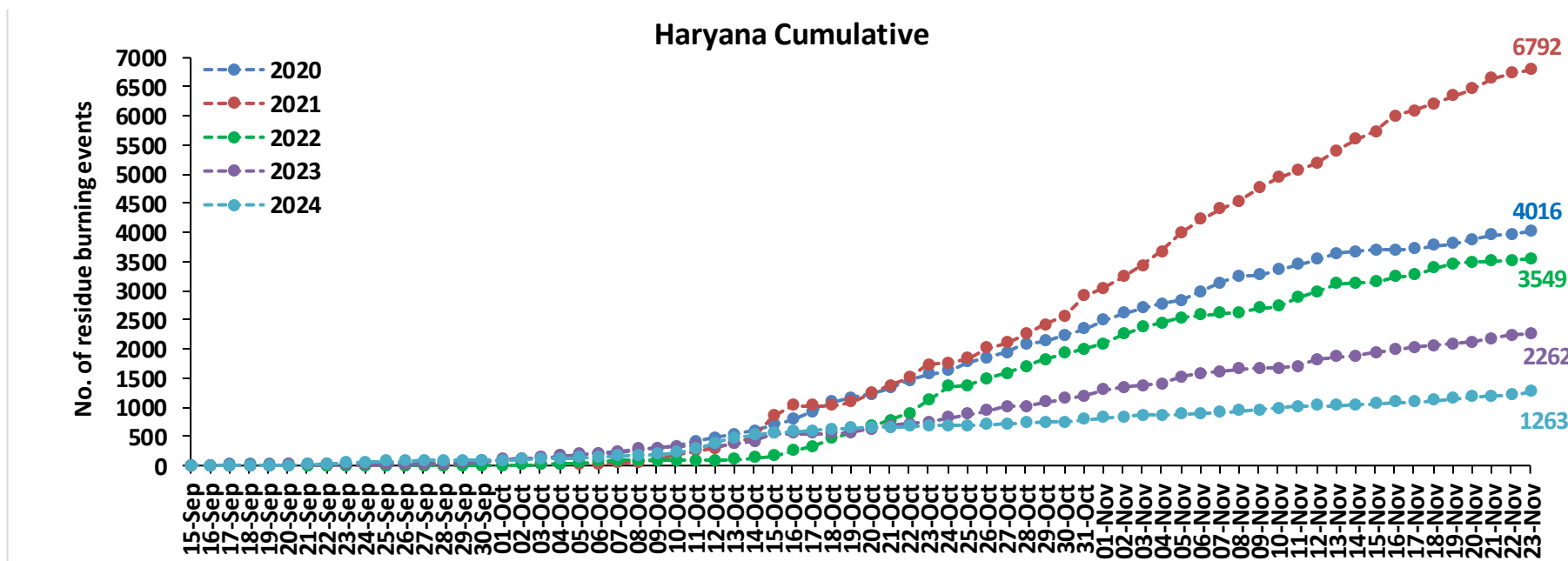
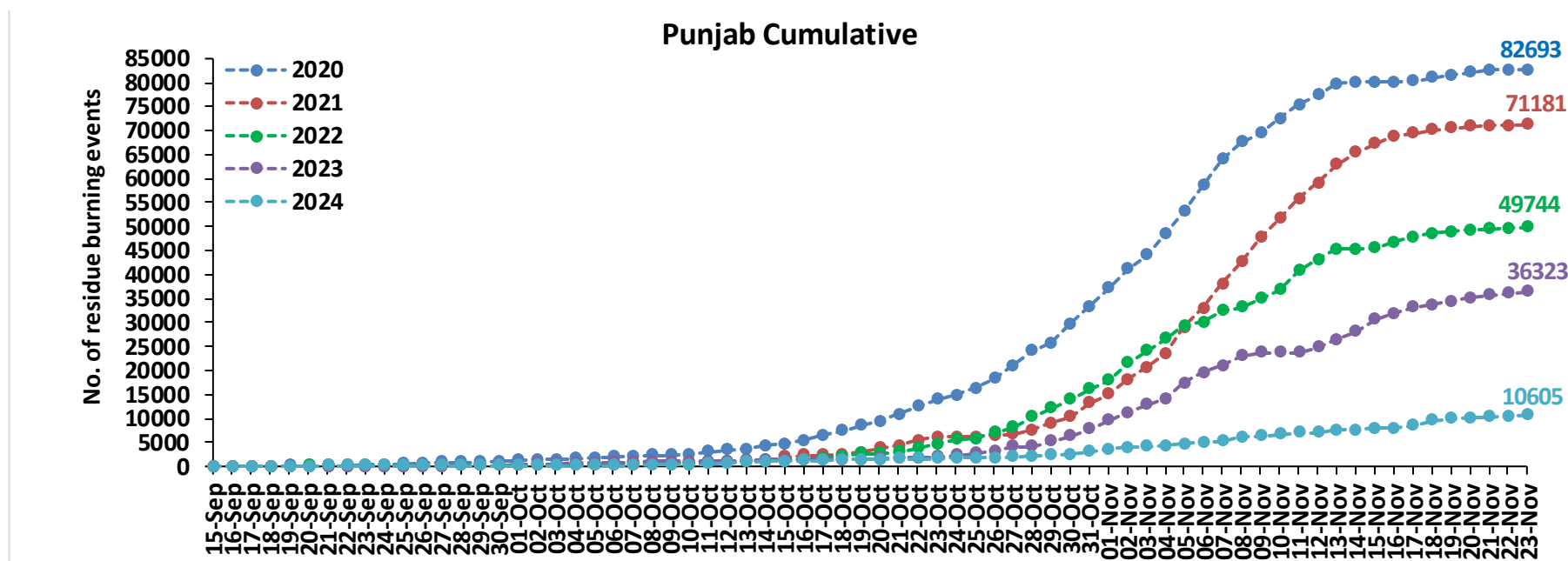
Madhya Pradesh



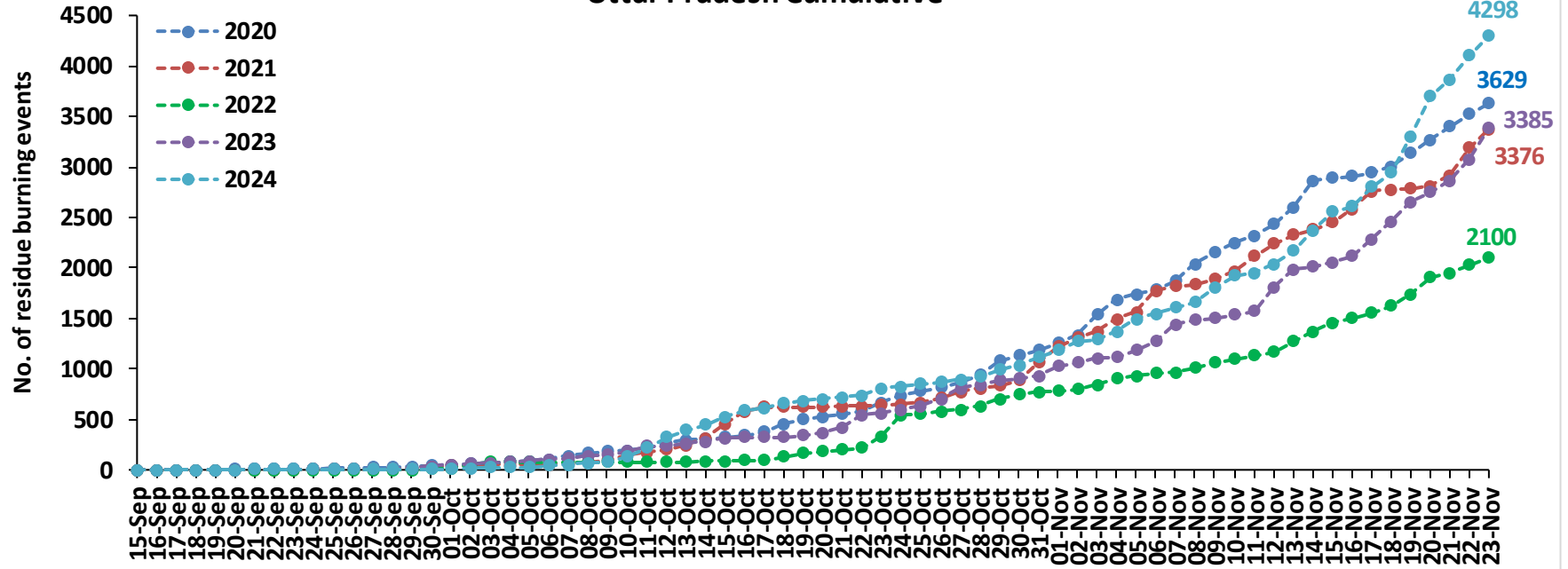
Delhi



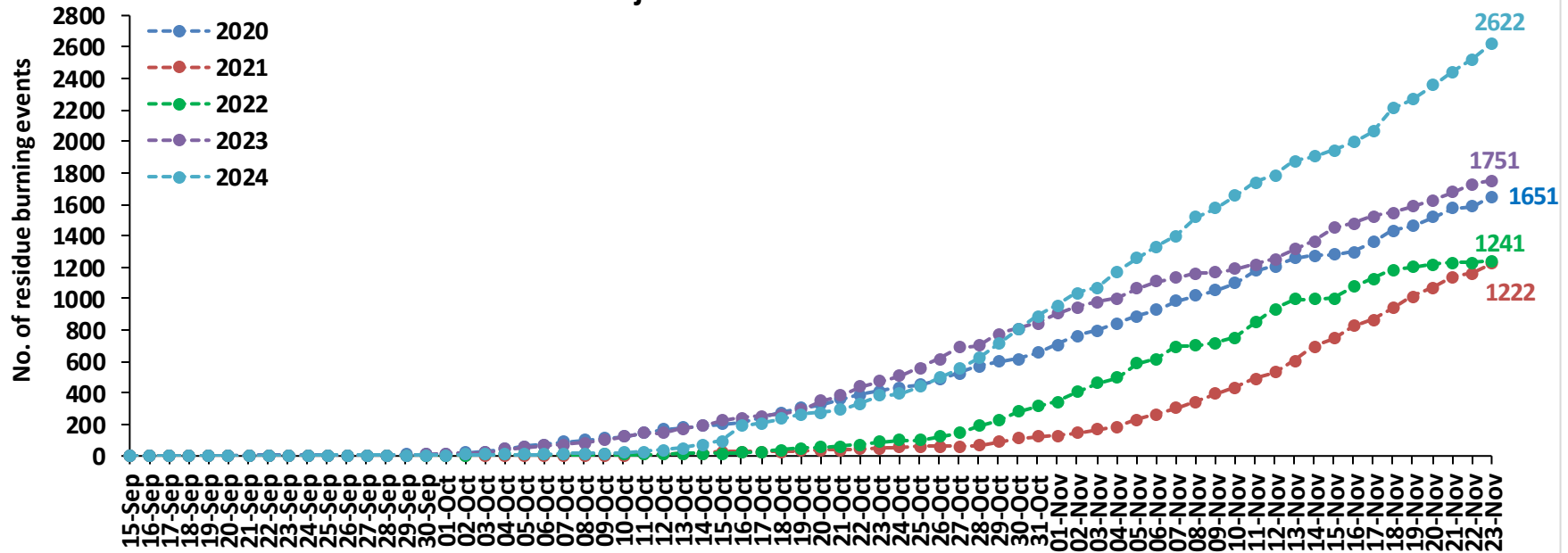
Comparison of residue burning events in current year (2024) with previous years (2020, 2021, 2022 and 2023) for the study States



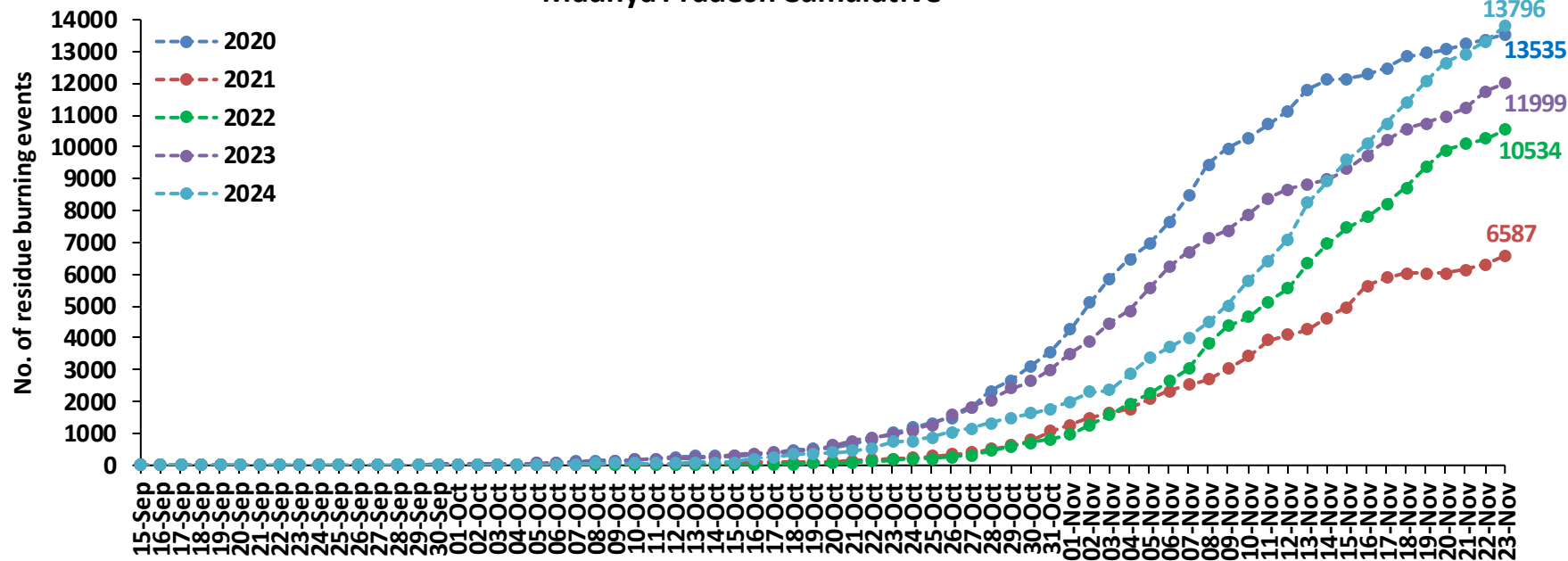
Uttar Pradesh Cumulative



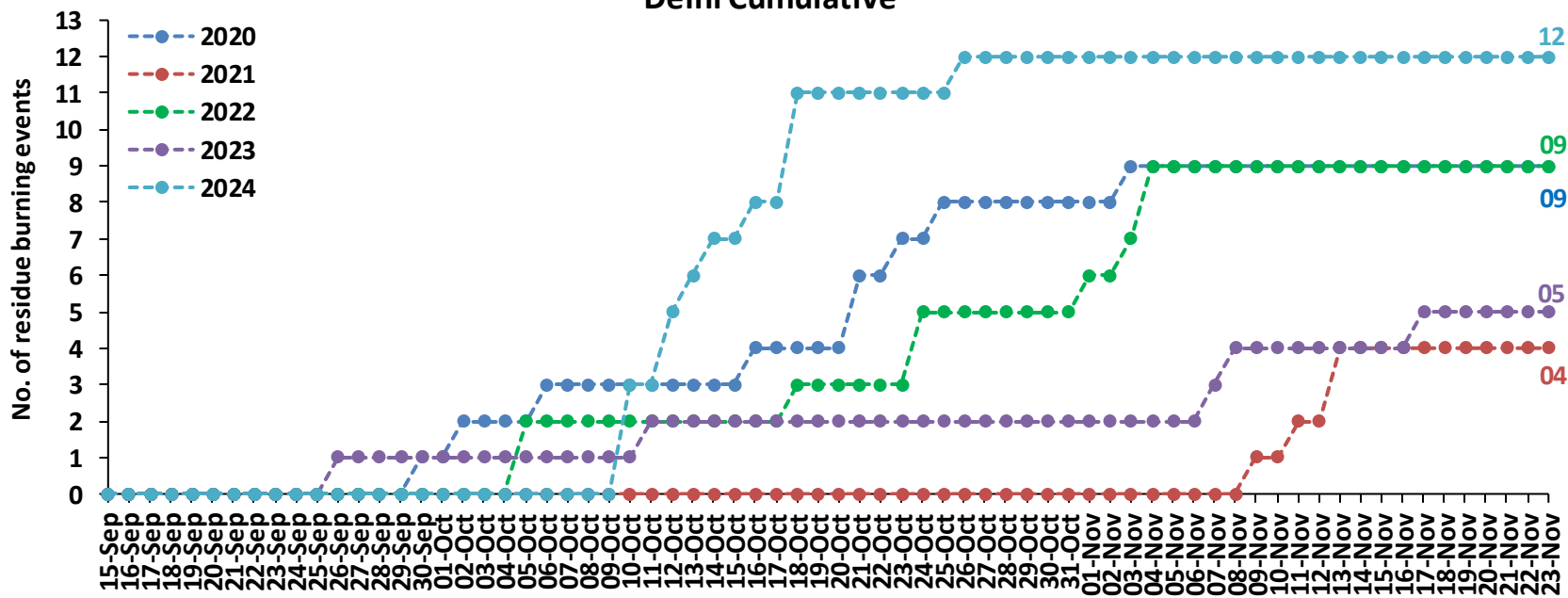
Rajasthan Cumulative



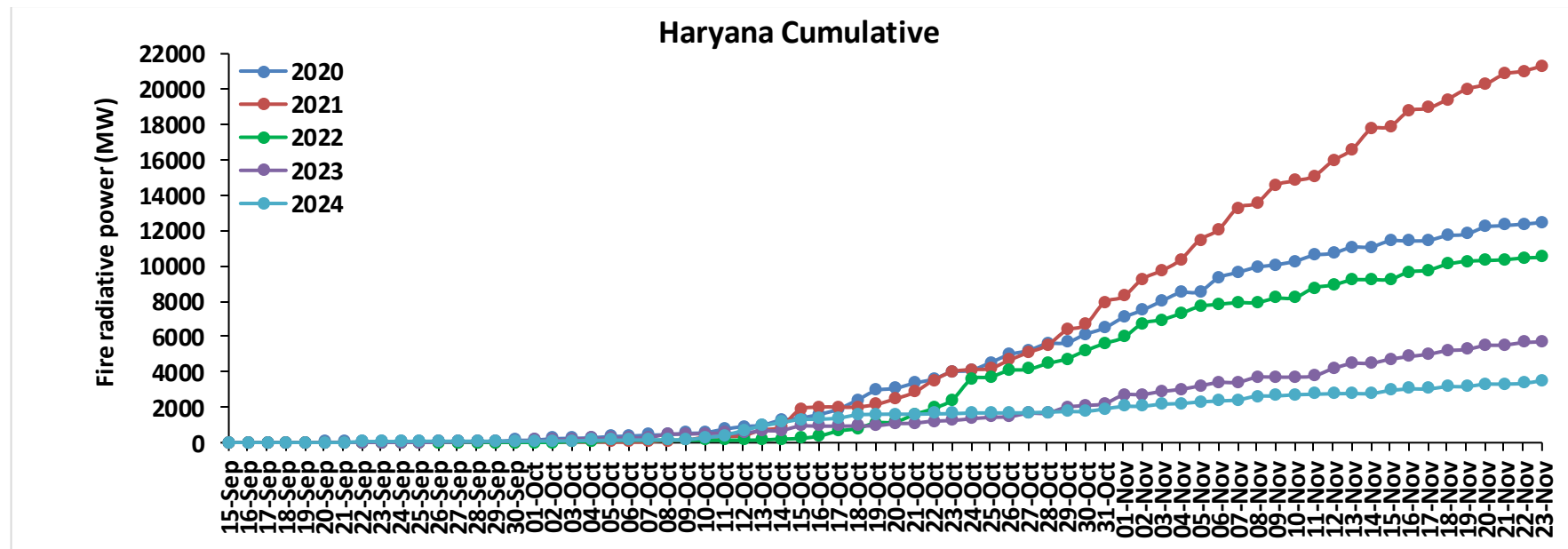
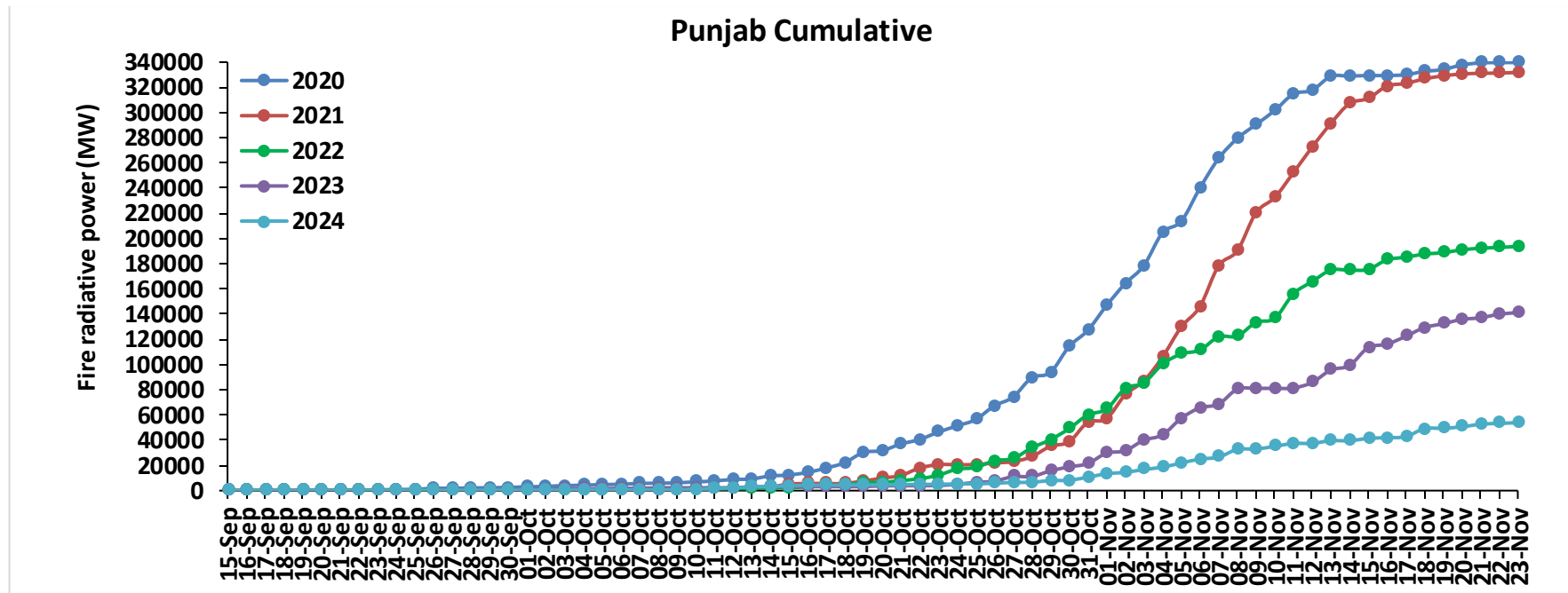
Madhya Pradesh Cumulative



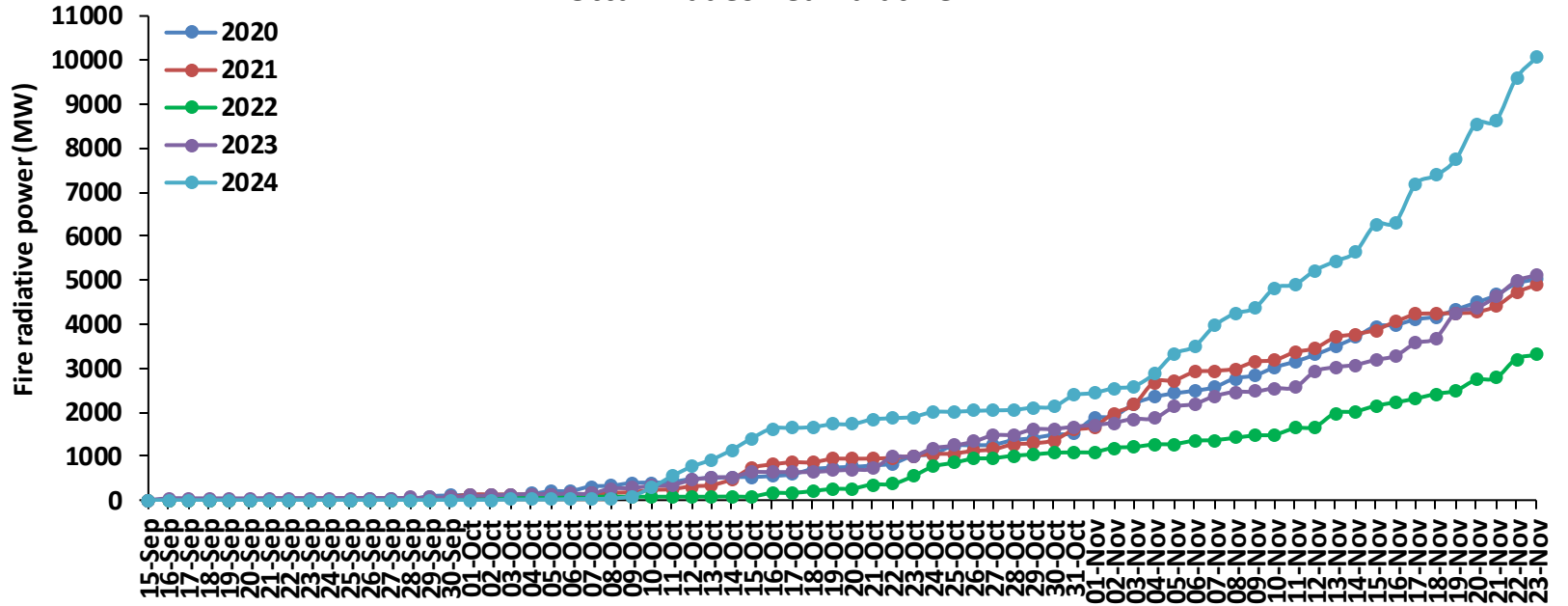
Delhi Cumulative



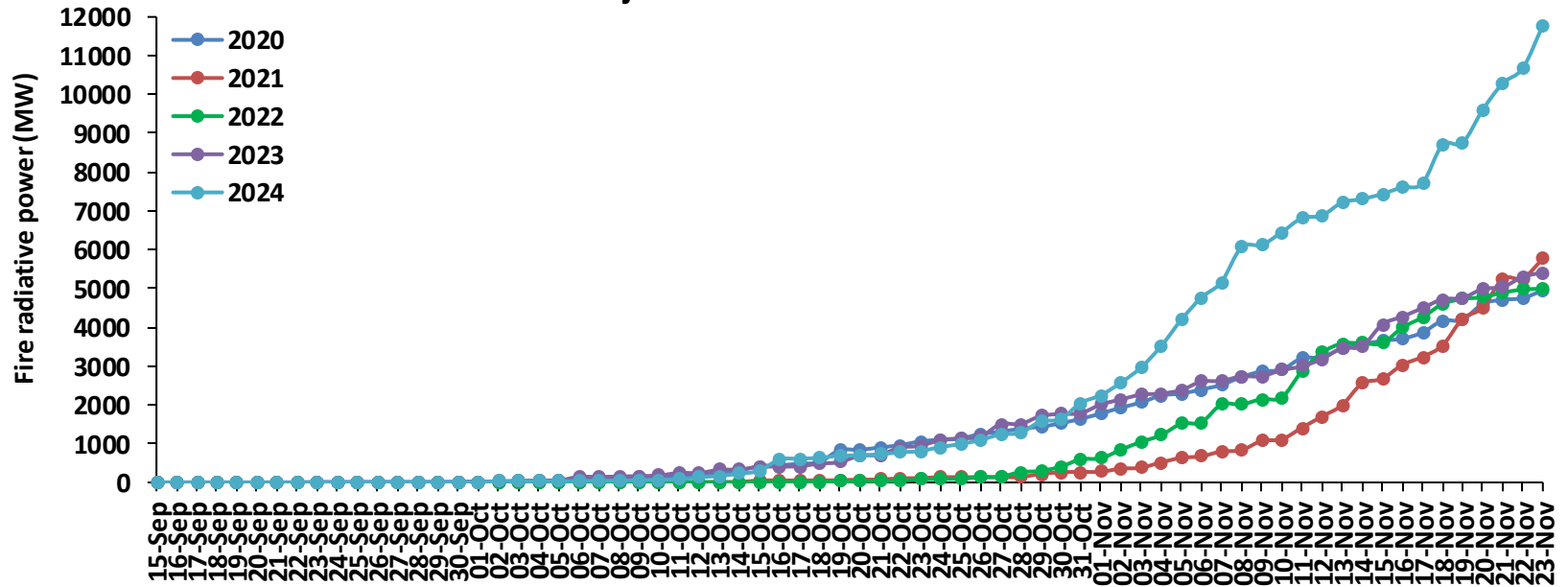
Comparison of residue burning fire power in current year (2024) with previous years (2020,2021,2022 and 2023) for the study States



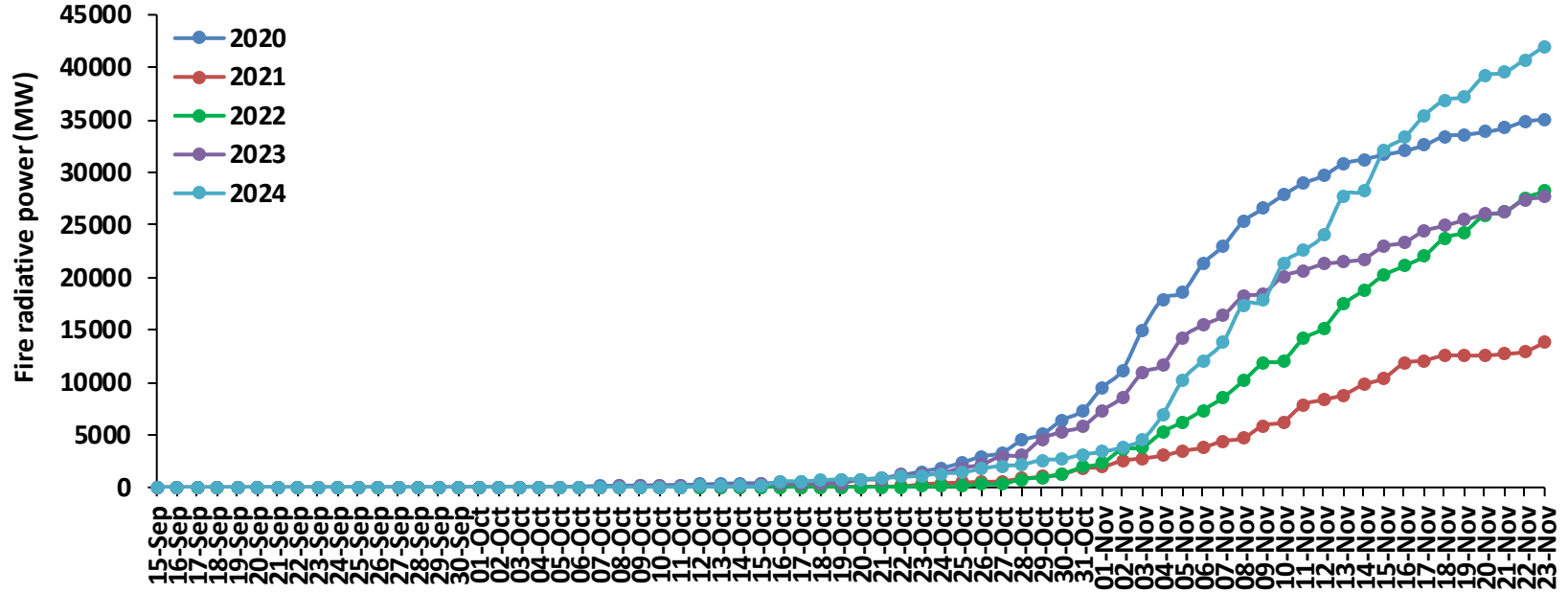
Uttar Pradesh Cumulative



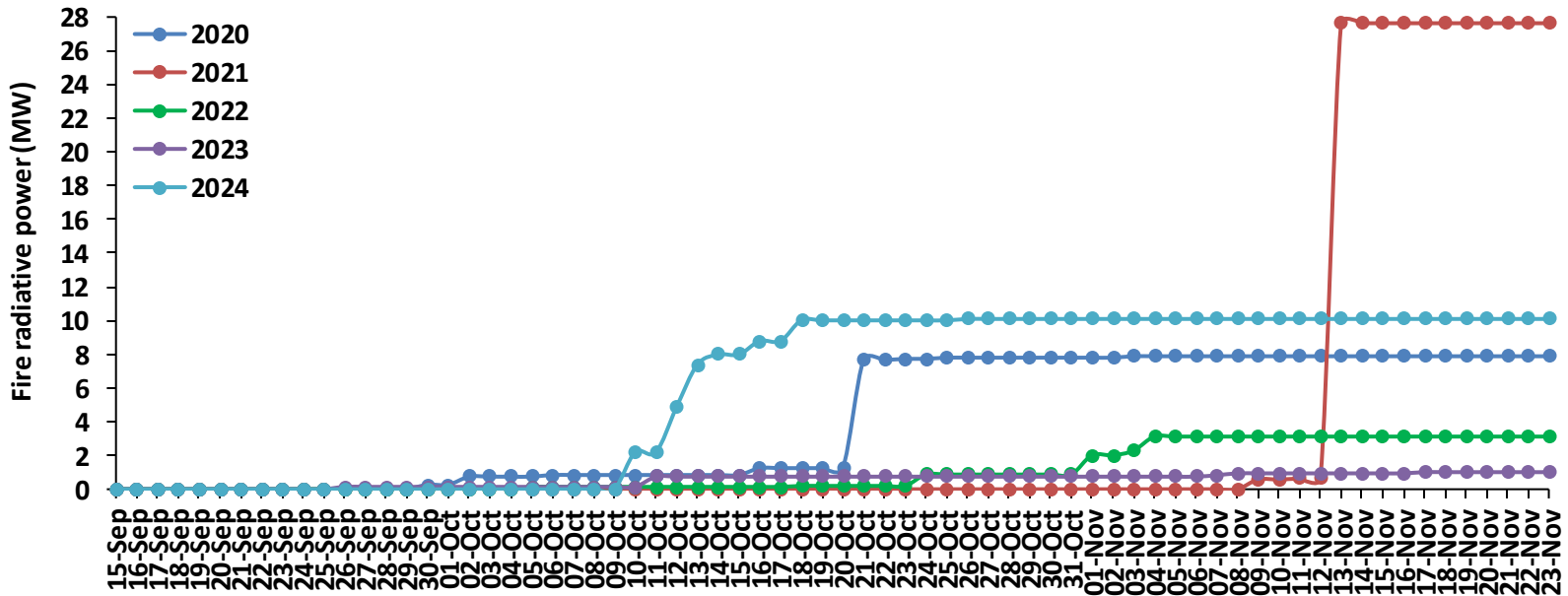
Rajasthan Cumulative



Madhya Pradesh Cumulative

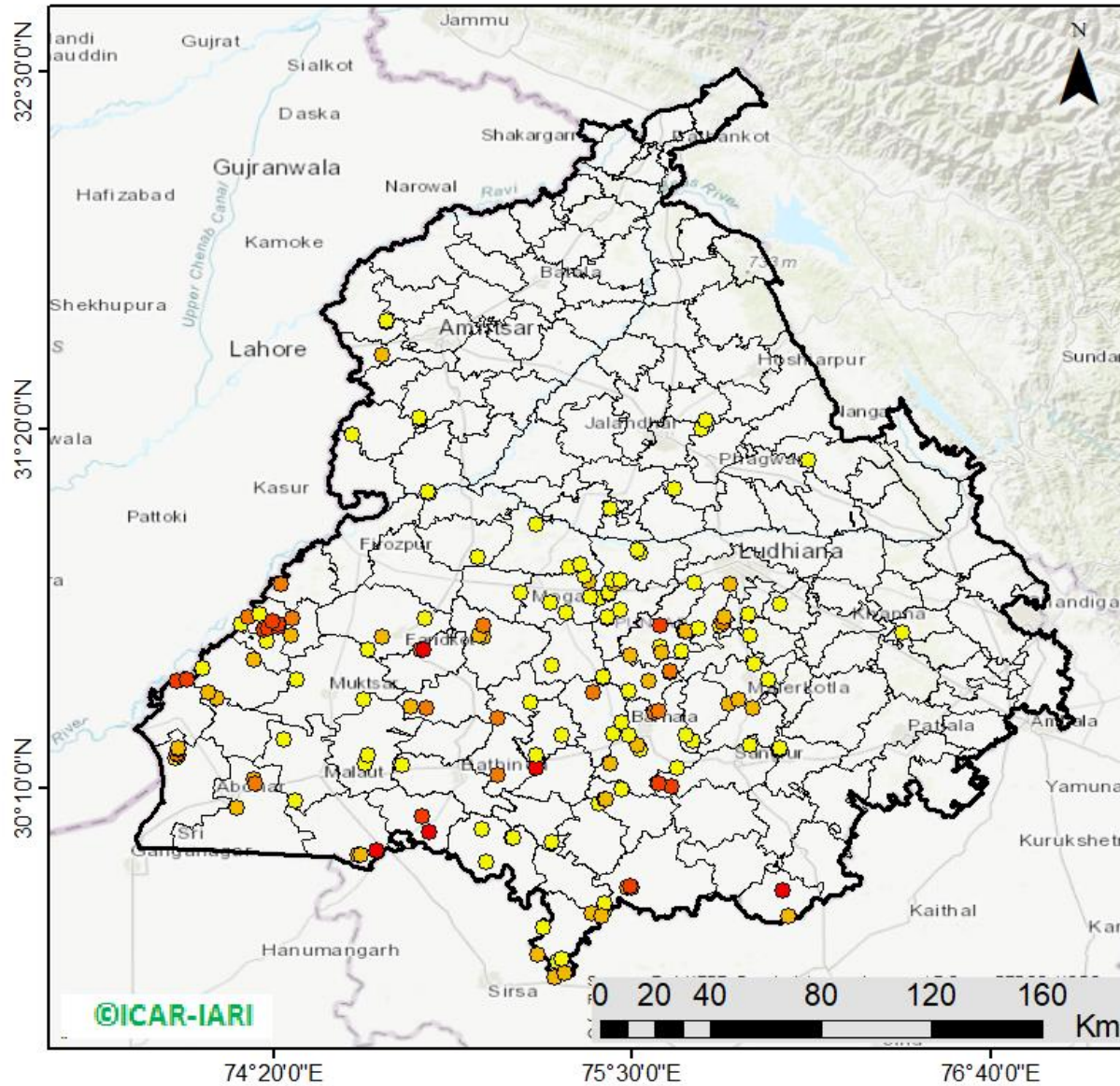


Delhi Cumulative



Punjab

RICE RESIDUE BURNING IN PUNJAB



162 burning events
detected in Punjab during
(23rd Nov 2024)

Fire Intensity (W/m²)

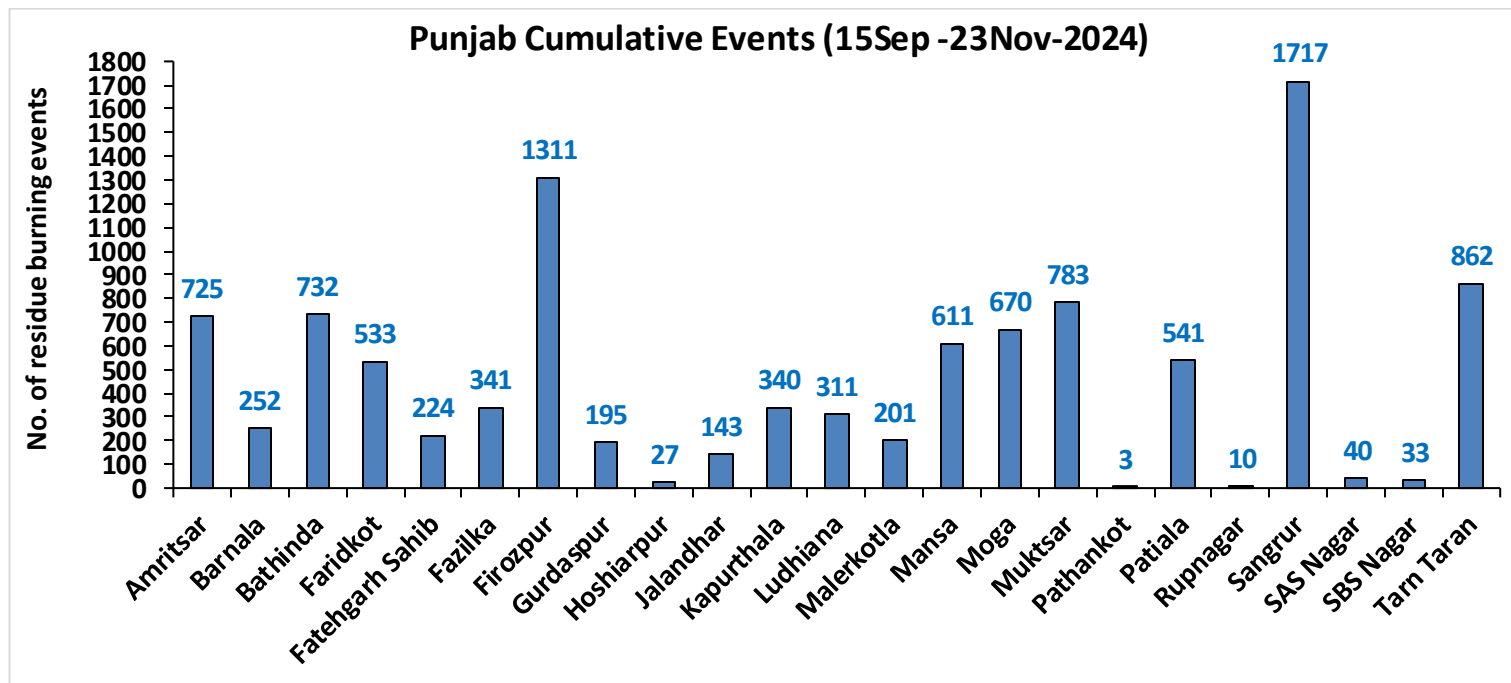
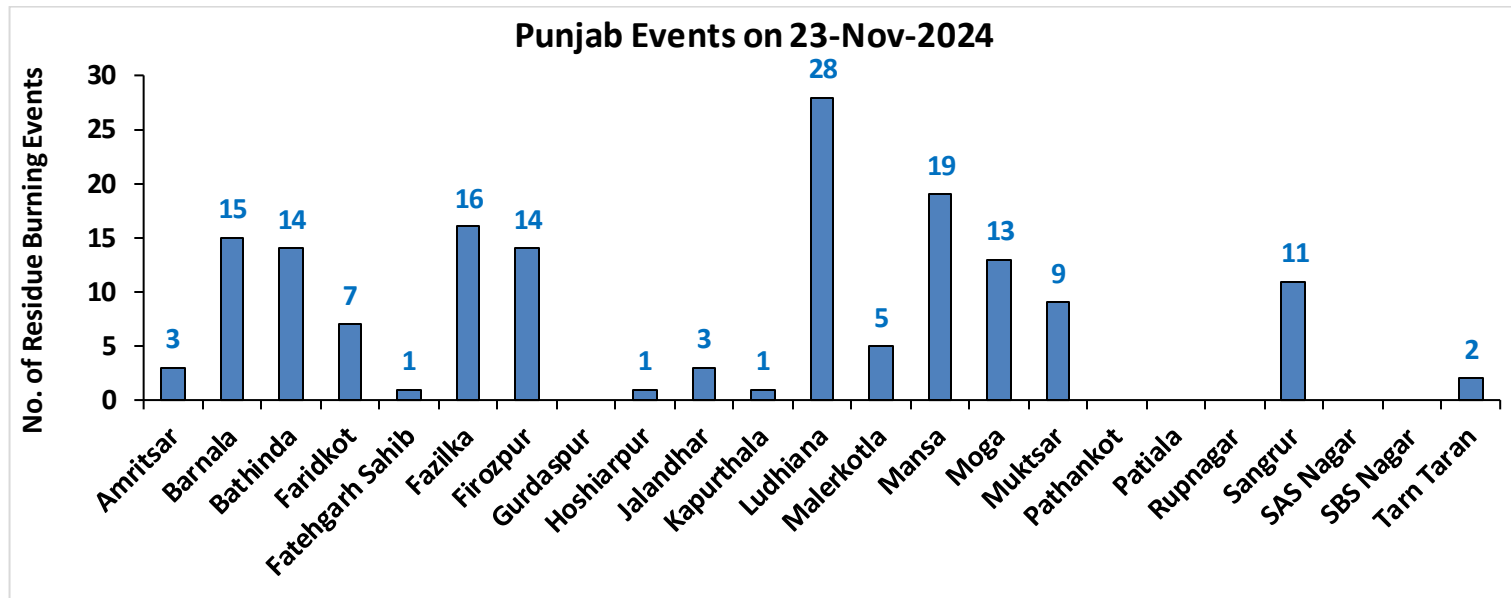
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

©ICAR-IARI



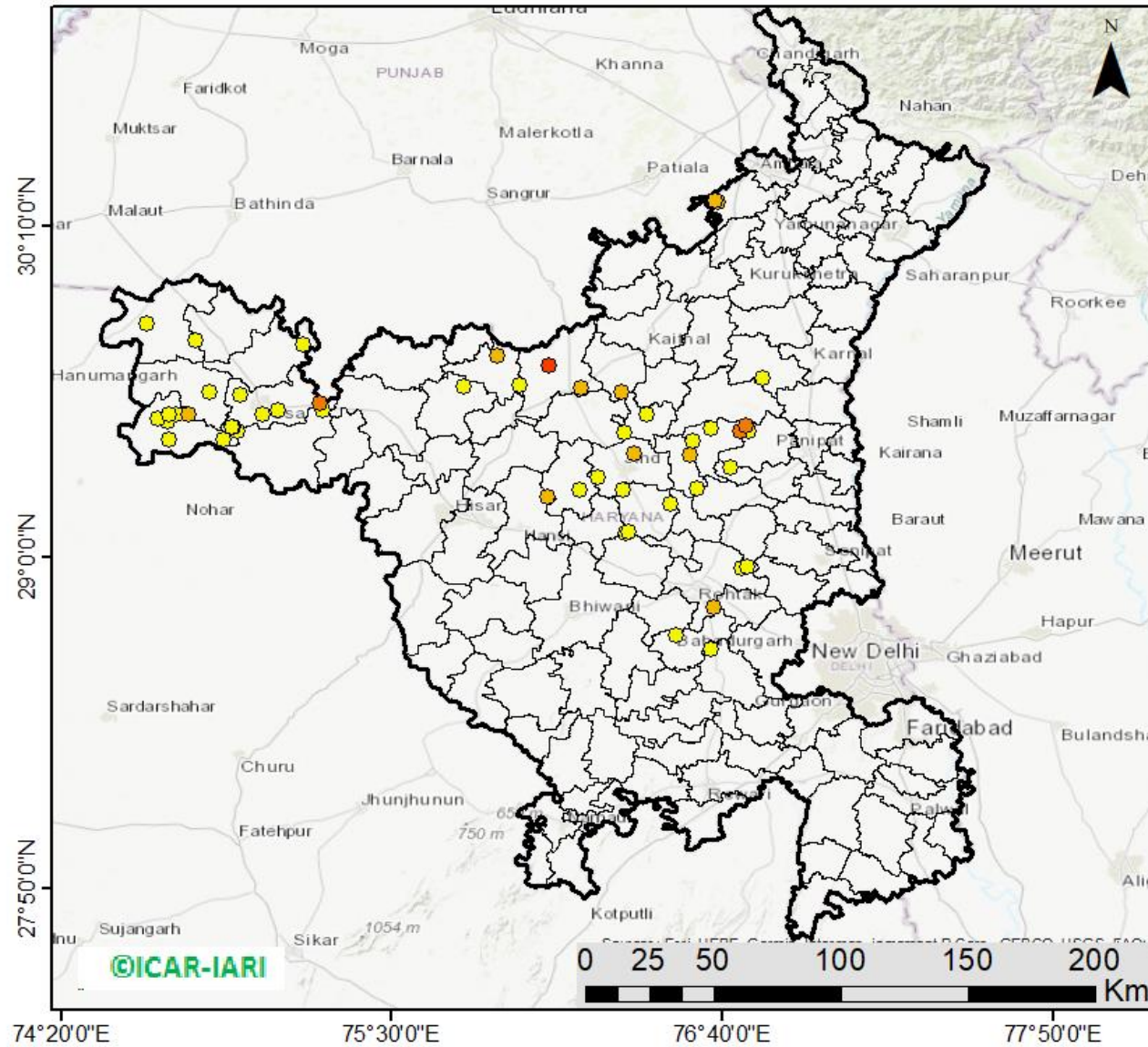
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Punjab (15Sep-23Nov-2024)



Haryana

RICE RESIDUE BURNING IN HARYANA



53 burning events detected in Haryana on (23rd Nov 2024)

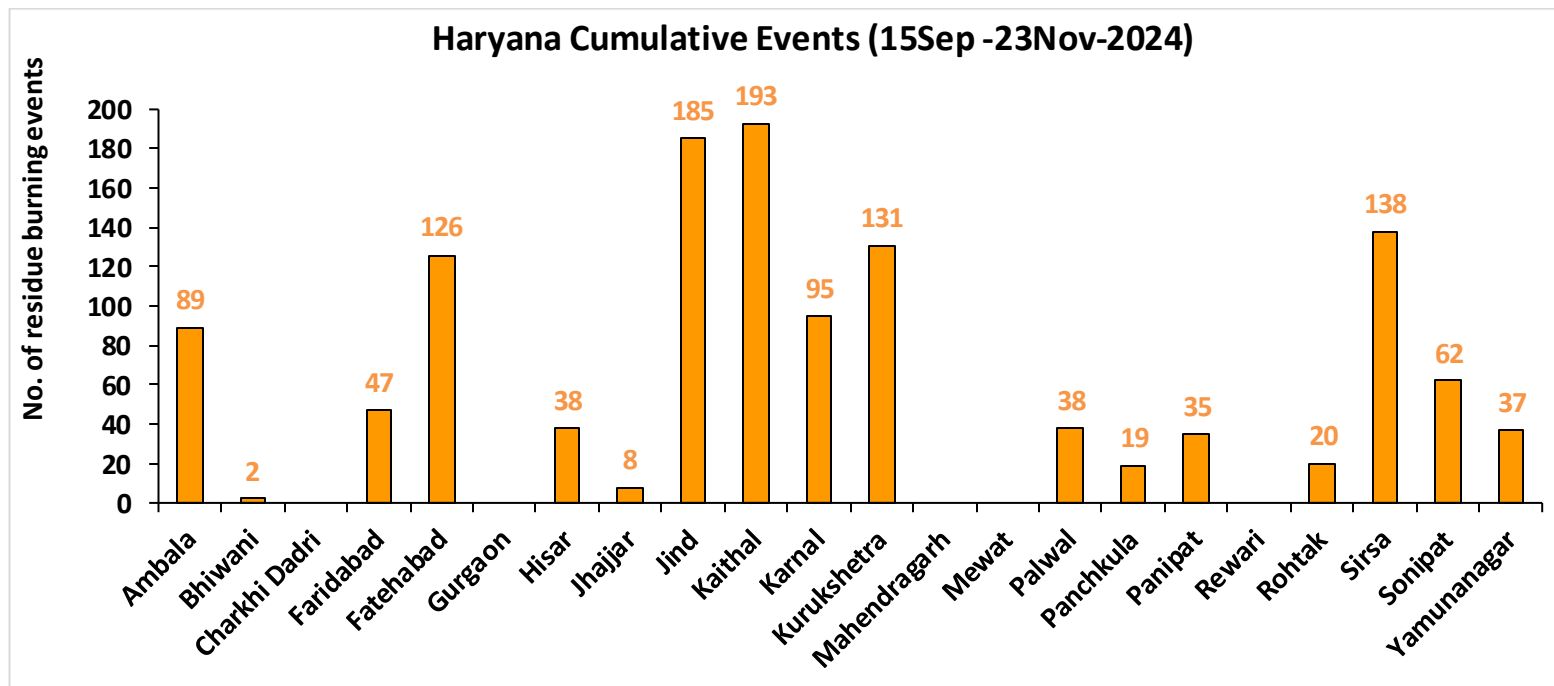
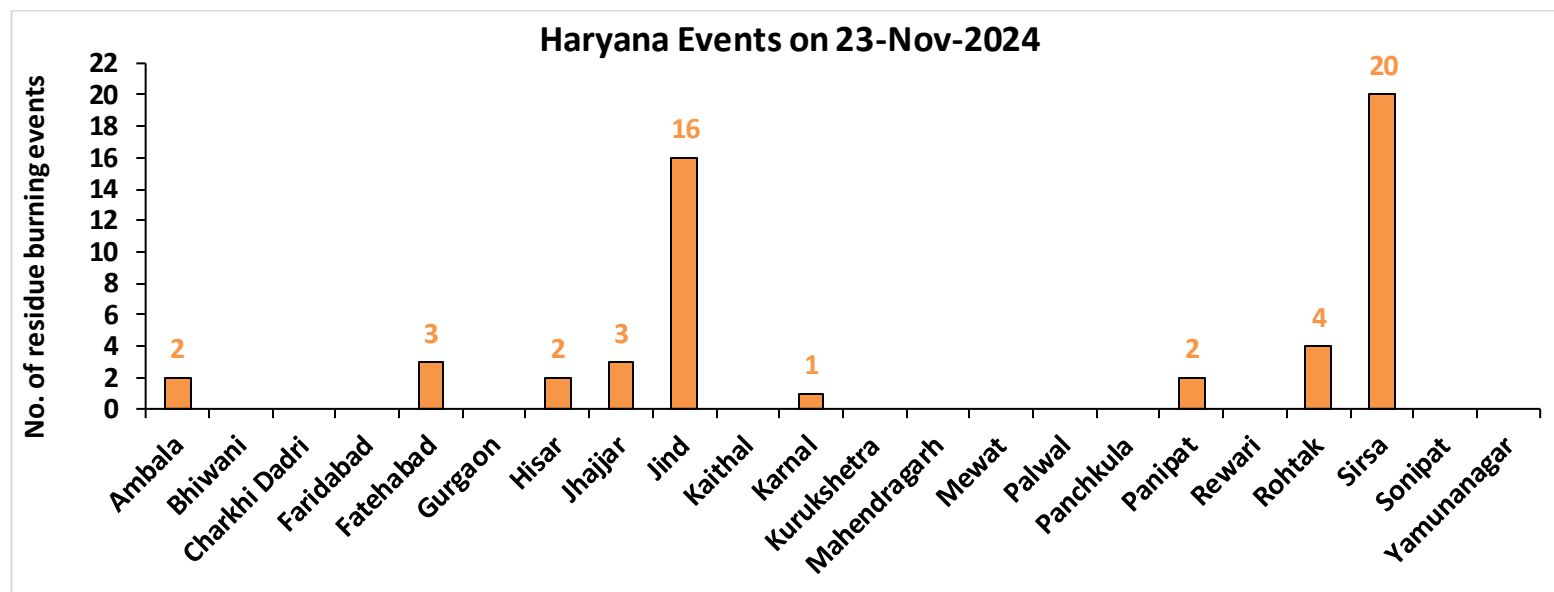
Fire Intensity (W/m²)

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



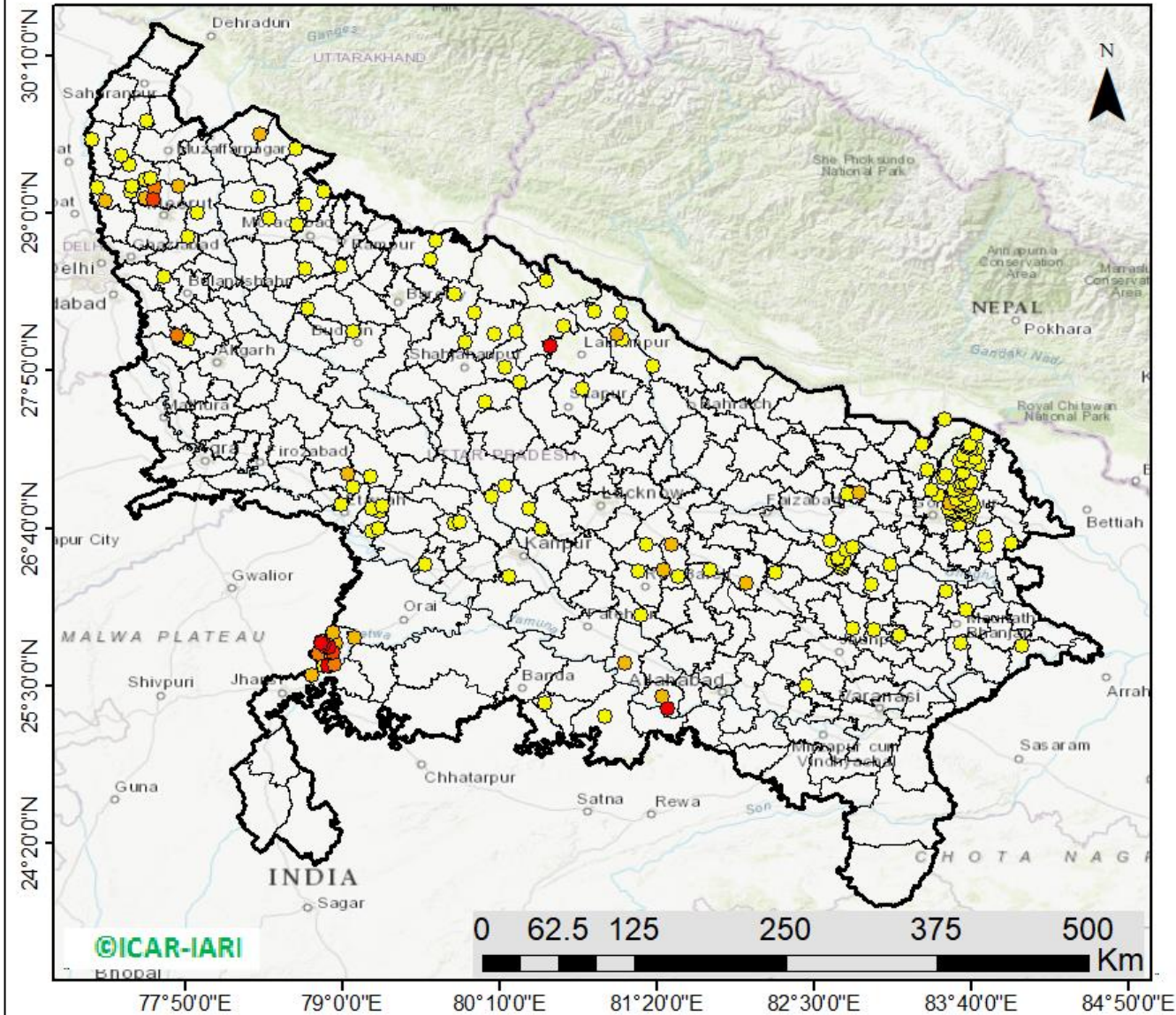
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Haryana (15Sep-23Nov-2024)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



198 burning events detected in Uttar Pradesh on (23rd Nov 2024)

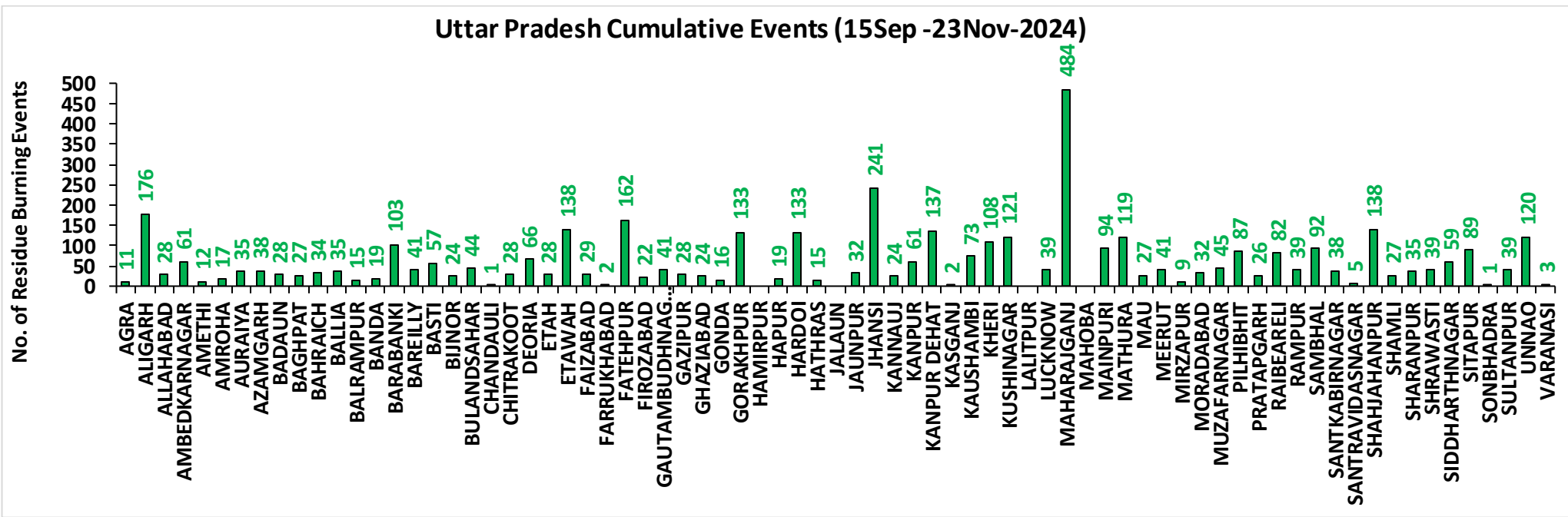
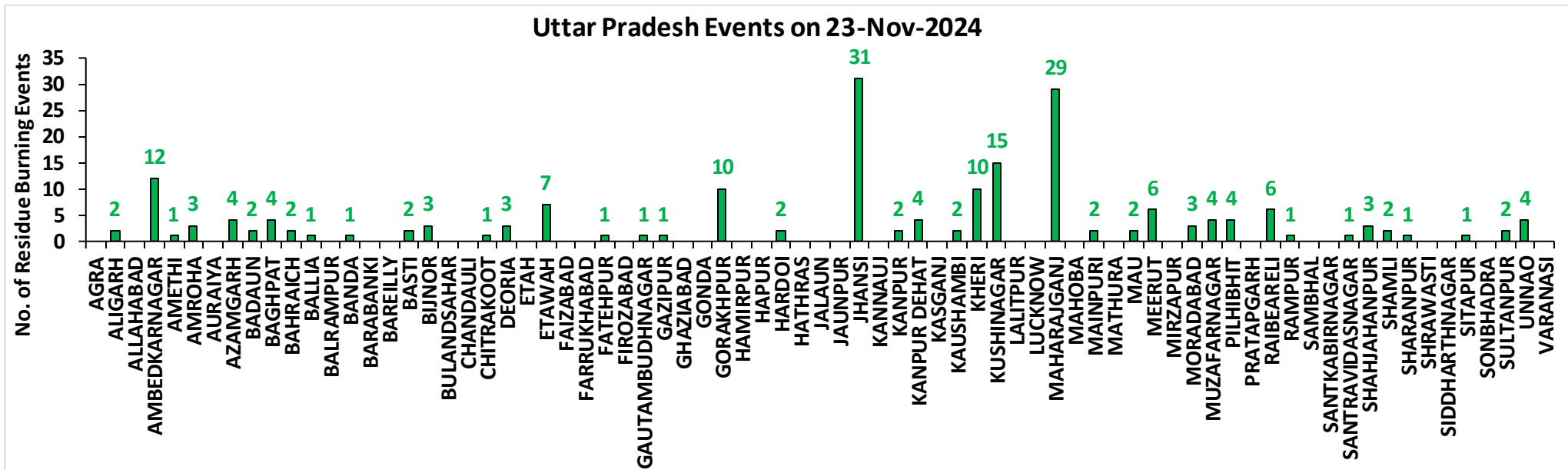
Fire Intensity (W/m²)

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



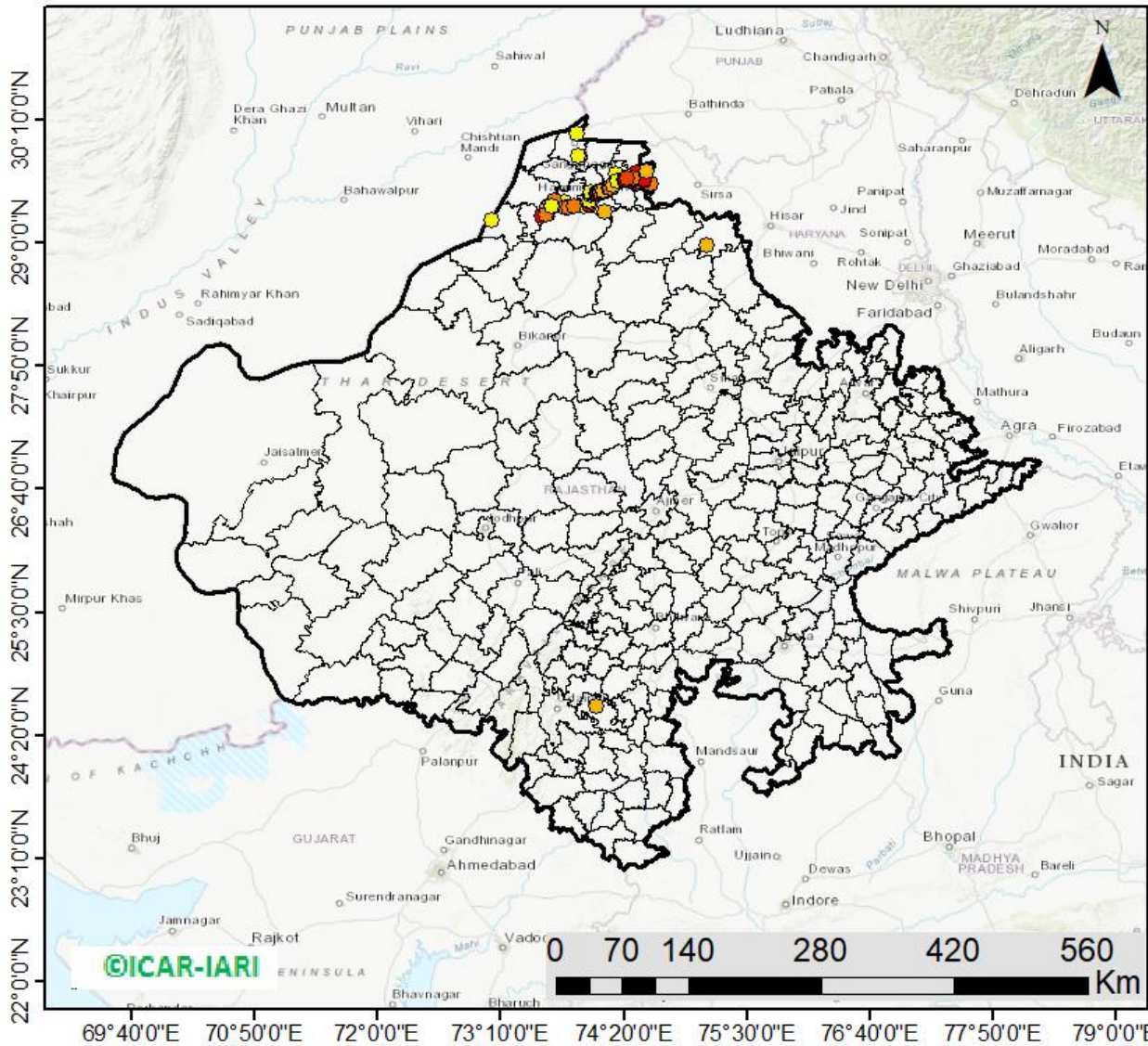
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-23Nov-2024)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



101 burning events
detected in Rajasthan on
(23rd Nov 2024)

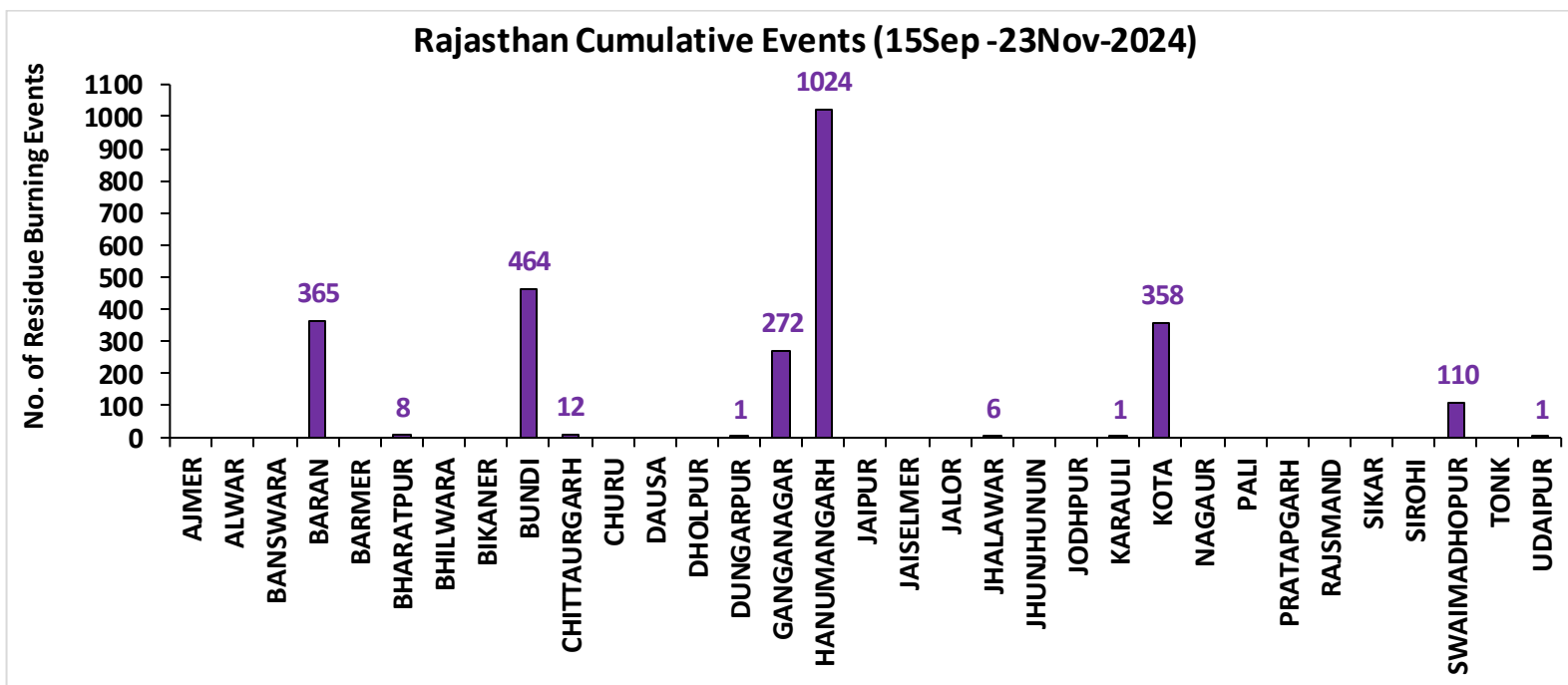
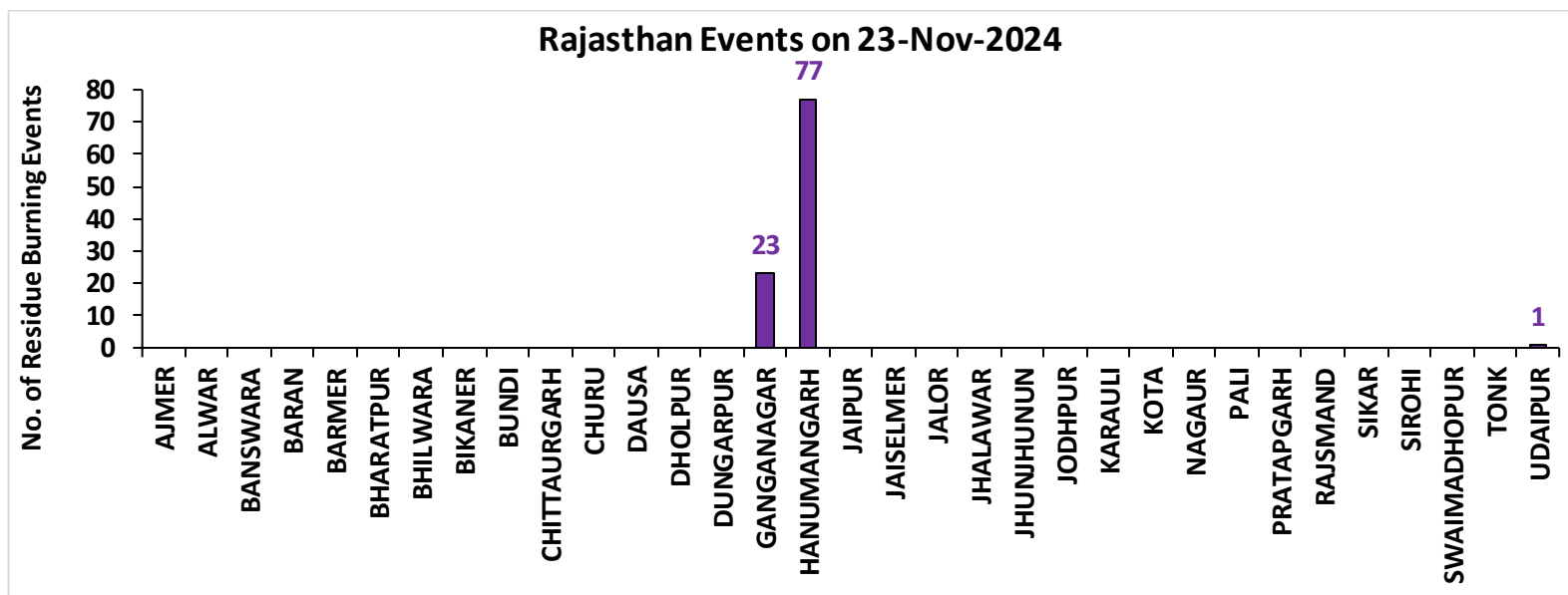
Fire Intensity (W/m²)

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



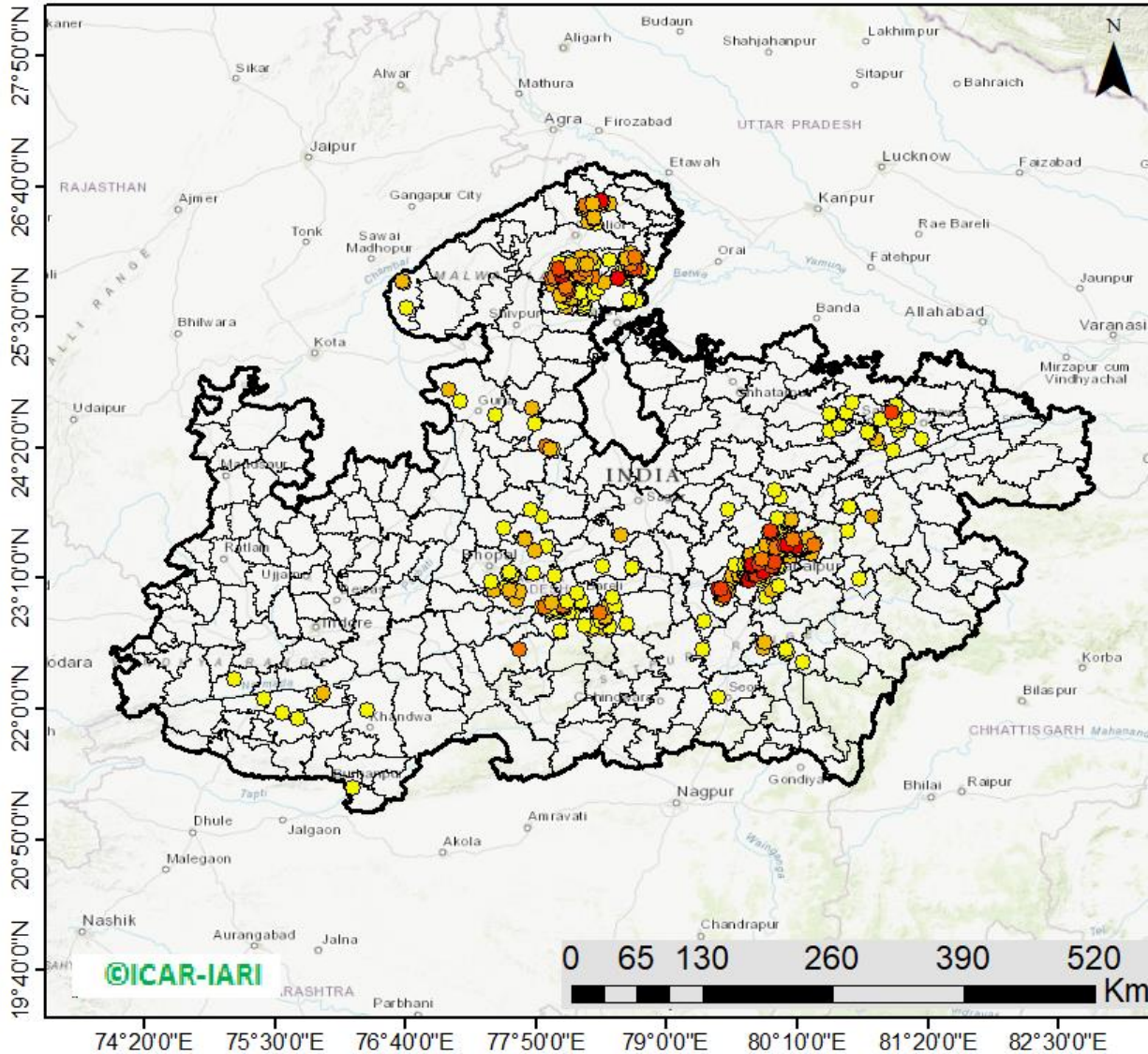
http://103.111.37.126/icar_geoportail/

District-wise cumulative number of residues burning events in Rajasthan (15Sep-23Nov-2024)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



487 burning events
detected in MP on
(23rd Nov 2024)

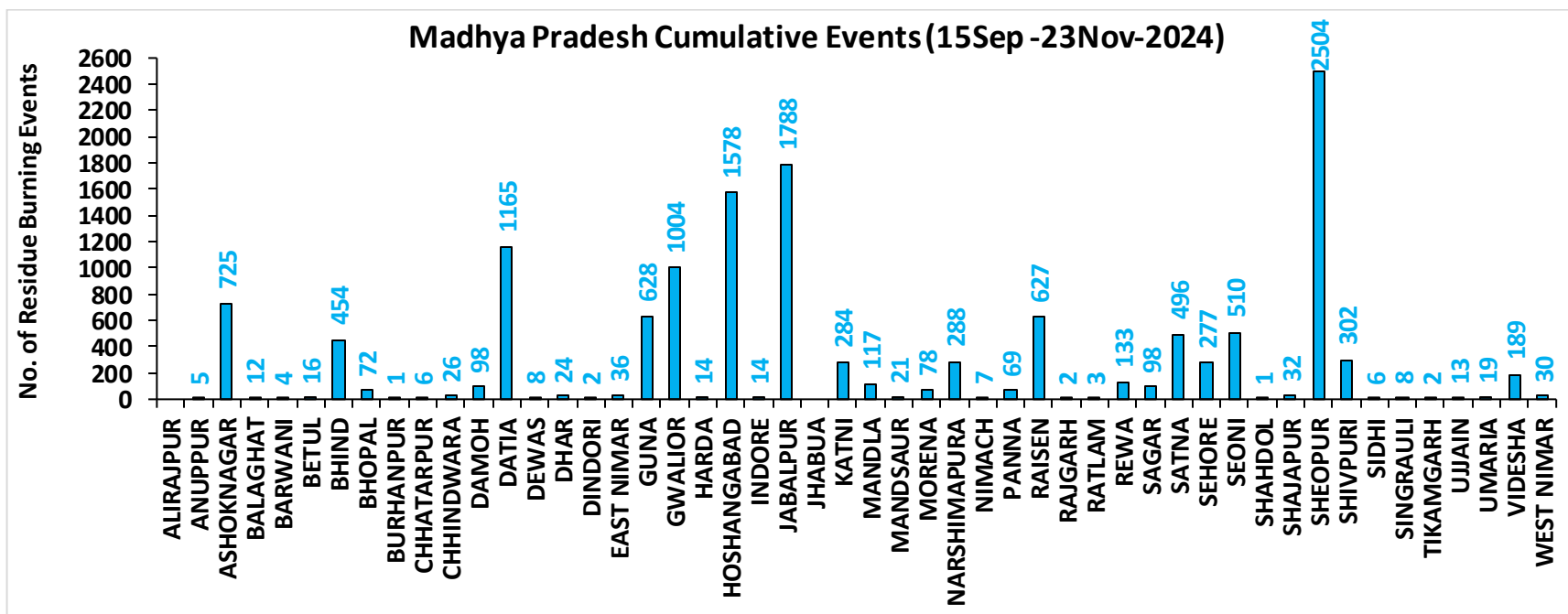
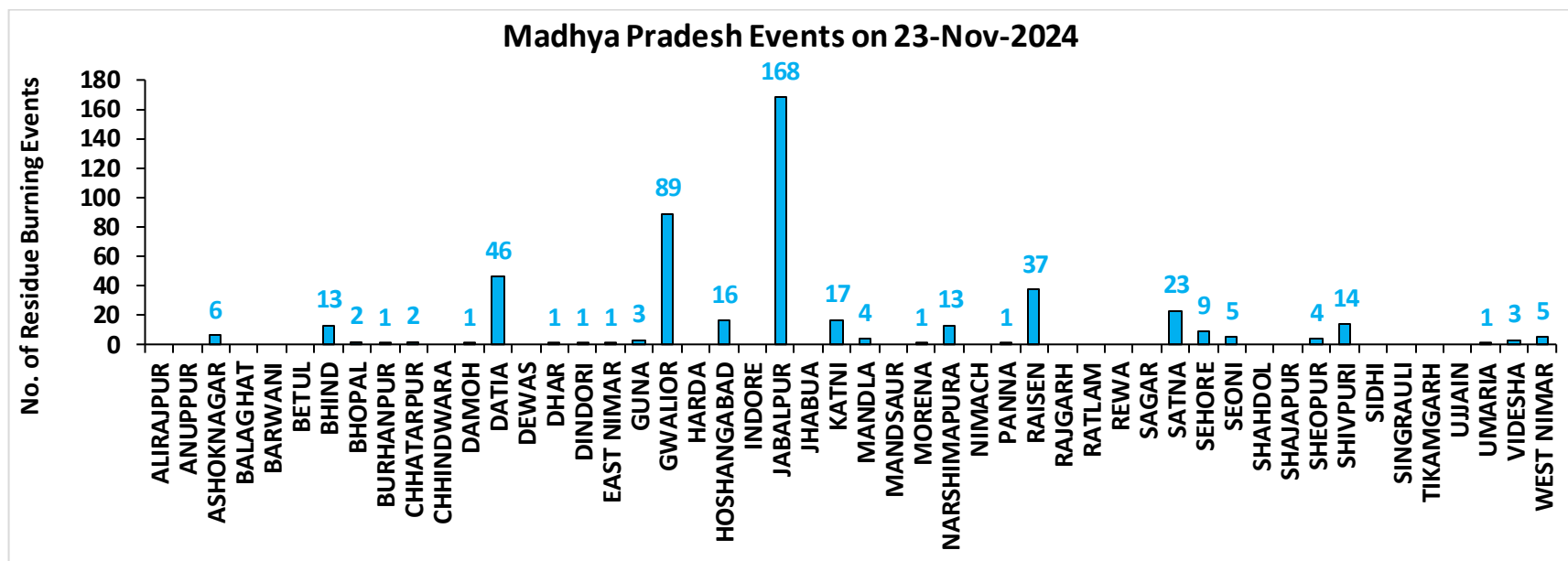
Fire Intensity (W/m²)

- 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-23Nov-2024)



District-wise cumulative number of residues burning events detected in 2020, 2021, 2022, 2023 and 2024
(Period: 15 September-23 November)

(a) Punjab

District	15 Sep-23 Nov				
	2020	2021	2022	2023	2024
Amritsar	3059	2170	1540	1572	725
Barnala	5336	4325	2909	2309	252
Bathinda	5226	4477	4577	2955	732
Faridkot	4727	3948	2685	2007	533
Fatehgarh Sahib	1536	1718	1148	884	224
Fazilka	2523	2373	2554	1748	341
Firozpur	8508	6283	4550	3371	1311
Gurdaspur	2124	1391	841	388	195
Hoshiarpur	386	328	257	117	27
Jalandhar	1939	2544	1381	1192	143
Kapurthala	1883	1796	1275	1040	340
Ludhiana	5054	5810	2677	1791	311
Malerkotla*	--	--	--	412	201
Mansa	3778	3203	2805	2256	611
Moga	7391	6513	3605	2734	670
Muktsar	4988	4570	3834	1629	783
Pathankot	13	6	1	4	3
Patiala	6431	5418	3392	1872	541
Rupnagar	205	307	245	46	10
Sangrur#	11724	9384	5914	5607	1717
SAS NAGAR (Mohali)	127	147	103	132	40
SBS Nagar	131	353	270	234	33
Tarn Taran	5604	4117	3181	2023	862
Total	82693	71181	49744	36323	10605

(b) Haryana

District	15 Sep-23 Nov				
	2020	2021	2022	2023	2024
AMBALA	346	301	223	188	89
BHIWANI	4	10	7	10	2
CHARKHI DADRI	0	0	1	2	0
FARIDABAD	1	3	1	6	47
FATEHABAD	837	1458	755	567	126
GURGAON	0	0	0	0	0
HISAR	52	215	106	111	38
JHAJJAR	6	7	6	18	8
JIND	343	895	520	338	185
KAITHAL	838	1152	638	262	193
KARNAL	581	952	297	124	95
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	50	238	80	24	35
REWARI	0	0	0	0	0
ROHTAK	48	61	51	71	20
SIRSA	246	503	281	159	138
SONIPAT	70	199	86	76	62
YAMUNANAGAR	142	146	147	94	37
Total	4016	6792	3549	2262	1263

*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-23 Nov																
	2020	2021	2022	2023	2024	GAUTAMBUDHNAGAR	14	19	10	14	41	MUZAFARNAGAR	48	17	13	28	45
AGRA	7	0	0	4	11	GAZIPUR	16	22	16	23	28	PILHIBHIT	17	210	140	106	87
ALIGARH	113	39	42	87	176	GHAZIABAD	26	14	7	28	24	PRATAPGARH	38	35	19	41	26
ALLAHABAD	28	17	12	13	28	GONDA	12	11	1	11	16	RAIBARELI	31	66	31	63	82
AMBEDKARNAGAR	24	24	25	45	61	GORAKHPUR	42	26	26	121	133	RAMPUR	162	187	103	98	39
AMETHI	3	19	12	61	12	HAMIRPUR	6	0	0	0	0	SAMBHAL	19	17	12	19	92
AMROHA	11	8	4	5	17	HAPUR	26	13	5	16	19	SANTKABIRNAGAR	29	20	8	49	38
AURAIYA	78	65	40	75	35	HARDOI	96	101	67	100	133	SANTRAVIDASNAGAR	4	5	4	2	5
AZAMGARH	47	22	14	31	38	HATHRAS	0	0	1	3	15	SHAHJAHANPUR	139	404	298	114	138
BADAUN	13	16	4	10	28	JALAUN	43	0	0	0	0	SHAMLI	46	37	10	22	27
BAGHPAT	18	12	9	16	27	JAUNPUR	40	29	19	31	32	SHARANPUR	93	69	17	30	35
BAHRAICH	105	59	21	45	34	JHANSI	318	97	109	163	241	SHRAWASTI	45	45	17	54	39
BALLIA	90	53	31	30	35	KANNAUJ	33	6	3	7	24	SIDDHARTHANAGAR	73	128	33	144	59
BALRAMPUR	67	20	11	32	15	KANPUR	29	31	24	48	61	SITAPUR	59	46	27	49	89
BANDA	24	9	12	31	19	KANPUR DEHAT	76	46	46	137	137	SONBHADRA	0	2	0	0	1
BARABANKI	36	68	56	78	103	KASGANJ	3	2	1	4	2	SULTANPUR	5	23	22	42	39
BAREILLY	76	61	49	62	41	KAUSHAMBI	68	77	36	61	73	UNNAO	43	28	31	60	120
BASTI	54	49	9	85	57	KHERI	154	159	133	89	108	VARANASI	2	5	0	3	3
BIJNOR	40	37	9	16	24	KUSHINAGAR	74	28	30	94	121	Total	3629	3376	2100	3385	4298
BULANDSAHAR	57	8	15	24	44	LALITPUR	3	6	3	6	0						
CHANDAULI	3	4	0	0	1	LUCKNOW	35	33	14	42	39						
CHITRAKOOT	12	9	10	14	28	MAHARAJGANJ	51	121	95	139	484						
DEORIA	82	27	30	66	66	MAHOBA	27	0	0	0	0						
ETAH	17	10	6	20	28	MAINPURI	63	49	33	57	94						
ETAWAH	69	86	48	125	138	MATHURA	160	239	30	95	119						
FAIZABAD	11	11	4	24	29	MAU	25	15	7	23	27						
FARRUKHABAD	6	4	1	1	2	MEERUT	69	25	26	26	41						
FATEHPUR	117	89	81	97	162	MIRZAPUR	7	10	2	0	9						
FIROZABAD	26	17	10	10	22	MORADABAD	26	10	6	16	32						

(d) Delhi

District	15 Sep-23 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-23 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	2	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	200	134	101	149	272
HANUMANGARH	883	885	665	684	1024
JAIPUR	4	0	0	0	0
JAISELMER	5	0	0	0	0
JALOR	2	0	0	0	0
JHALAWAR	9	1	11	12	6
JHUNJHUNUN	1	0	0	0	0
JODHPUR	5	0	0	0	0
KARALI	1	0	0	0	1
KOTA	116	56	143	268	358
NAGPUR	3	0	0	0	0
PALI	11	0	0	0	0
PRATAPGARH	8	0	0	0	0
RAJSMAND	1	0	0	0	0
SIKAR	0	0	0	0	0
SIROHI	2	0	0	0	0
SWAIMADHOPUR	65	34	55	57	110
TONK	5	0	0	0	0
UDAIPUR	2	1	1	8	1
Total	1651	1222	1241	1751	2622

(f) Madhya Pradesh

District	15 Sep-23 Nov										
	2020	2021	2022	2023	2024	PANNA	49	20	31	47	69
ALIRAJPUR	0	0	0	0	0	RAISEN	593	309	383	396	627
ANUPPUR	2	2	5	3	5	RAJGARH	11	3	5	11	2
ASHOKNAGAR	156	89	185	277	725	RATLAM	10	5	3	6	3
BALAGHAT	5	4	3	4	12	REWA	129	88	68	86	133
BARWANI	3	0	0	3	4	SAGAR	28	30	54	91	98
BETUL	36	14	19	41	16	SATNA	554	418	345	353	496
BHIND	254	145	201	268	454	SEHORE	155	145	205	186	277
BHOPAL	49	38	36	49	72	SEONI	1229	883	1103	1424	510
BURHANPUR	16	1	4	9	1	SHAHNOL	3	1	1	2	1
CHHATARPUR	7	0	2	3	6	SHAJAPUR	20	0	0	20	32
CHHINDWARA	129	54	99	177	26	SHEOPUR	1847	939	1798	1859	2504
DAMOH	75	52	66	99	98	SHIVPURI	366	61	258	285	302
DATIA	1185	473	842	909	1165	SIDHI	4	3	1	2	6
DEWAS	8	0	0	14	8	SINGRAULI	0	6	3	16	8
DHAR	43	0	0	43	24	TIKAMGARH	4	0	1	6	2
DINDORI	0	0	1	3	2	UJJAIN	14	0	0	18	13
EAST NIMAR	23	7	11	55	36	UMARIA	7	6	10	9	19
GUNA	67	10	118	464	628	VIDESHA	137	94	85	151	189
GWALIOR	2008	440	1540	996	1004	WEST NIMAR	66	10	16	45	30
HARDA	14	21	10	31	14	Total	13535	6587	10534	11999	13796
HOSHANGABAD	1057	1061	1094	1174	1578						
INDORE	4	0	0	12	14						
JABALPUR	2359	787	1365	1743	1788						
JHABUA	0	0	0	0	0						
KATNI	313	89	177	247	284						
MANDLA	142	96	125	89	117						
MANDSAUR	13	0	0	6	21						
MORENA	62	37	25	48	78						
NARSHIMAPURA	277	146	236	218	288						
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-23 November)

Number of Paddy Residue Burning Events Detected

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

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

19-Nov	454	448	426	740	270	37	132	79	33	35	129	11	116	188	368
20-Nov	677	283	368	634	179	77	127	32	38	30	134	20	168	102	395
21-Nov	457	168	243	513	192	65	178	11	54	10	135	106	46	110	165
22-Nov	46	66	78	512	147	15	91	20	62	17	120	276	76	217	232
23-Nov	43	91	140	205	162	52	59	27	23	53	106	186	73	307	198
Total	82693	71181	49744	36323	10605	4016	6792	3549	2262	1263	3629	3376	2100	3385	4298

Number of Paddy Residue Burning Events Detected

Date	Delhi					Rajasthan					Madhya Pradesh				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
15-Sep	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0
16-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
20-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
21-Sep	0	0	0	0	0	1	0	1	0	0	2	0	0	0	1
22-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23-Sep	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
24-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-Sep	0	0	0	0	0	1	0	0	0	3	0	0	0	1	0
26-Sep	0	0	0	1	0	1	0	0	0	0	2	0	0	0	2
27-Sep	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
28-Sep	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0
29-Sep	0	0	0	0	0	3	0	0	6	0	0	4	0	5	0
30-Sep	1	0	0	0	0	1	0	0	4	2	5	0	0	11	0
01-Oct	0	0	0	0	0	4	1	1	4	1	13	0	1	8	3
02-Oct	1	0	0	0	0	7	0	3	4	3	12	0	1	1	0
03-Oct	0	0	0	0	0	9	0	2	5	0	5	1	5	5	2
04-Oct	0	0	0	0	0	15	0	0	22	0	4	2	0	12	0
05-Oct	0	0	2	0	0	14	0	1	11	2	13	1	0	18	2
06-Oct	1	0	0	0	0	16	0	0	9	1	37	1	0	7	12

07-Oct	0	0	0	0	0	14	1	1	7	4	31	1	0	9	17
08-Oct	0	0	0	0	0	11	0	0	9	1	17	2	0	18	7
09-Oct	0	0	0	0	0	12	0	0	17	1	15	4	0	24	2
10-Oct	0	0	0	0	3	14	1	0	26	3	18	10	0	52	1
11-Oct	0	0	0	1	0	21	7	1	21	6	32	2	0	24	17
12-Oct	0	0	0	0	2	24	1	2	1	13	44	1	1	1	5
13-Oct	0	0	0	0	1	7	5	2	28	10	21	2	7	32	5
14-Oct	0	0	0	0	1	16	1	1	15	20	15	11	1	26	7
15-Oct	0	0	0	0	0	9	8	2	34	23	8	27	2	66	11
16-Oct	1	0	0	0	1	12	2	4	18	100	23	13	2	51	112
17-Oct	0	0	0	0	0	26	0	4	12	16	63	1	11	31	51
18-Oct	0	0	1	0	3	37	2	12	11	30	88	0	15	13	71
19-Oct	0	0	0	0	0	27	5	12	31	25	49	1	12	65	46
20-Oct	0	0	0	0	0	26	4	4	57	11	9	21	7	131	24
21-Oct	2	0	0	0	0	32	2	6	34	21	112	30	18	147	53
22-Oct	0	0	0	0	0	29	5	12	57	36	183	29	31	119	93
23-Oct	1	0	0	0	0	23	7	20	29	50	204	32	70	89	194
24-Oct	0	0	2	0	0	20	4	7	38	11	150	34	26	132	32
25-Oct	1	0	0	0	0	18	2	4	47	49	144	60	0	159	94
26-Oct	0	0	0	0	1	34	3	21	59	54	178	55	57	320	170
27-Oct	0	0	0	0	0	42	1	21	73	60	294	62	38	256	130
28-Oct	0	0	0	0	0	45	4	46	12	65	537	110	143	202	160
29-Oct	0	0	0	0	0	29	23	37	73	93	349	97	151	372	175
30-Oct	0	0	0	0	0	17	20	55	37	89	428	168	119	224	131
31-Oct	0	0	0	0	0	37	15	36	33	85	455	299	112	360	145
01-Nov	0	0	1	0	0	51	5	27	60	68	709	198	142	509	226
02-Nov	0	0	0	0	0	55	19	63	40	80	820	214	284	401	296
03-Nov	1	0	1	0	0	34	20	54	38	36	771	148	323	552	67
04-Nov	0	0	2	0	0	46	19	34	21	98	618	123	348	408	506
05-Nov	0	0	0	0	0	46	45	91	59	90	474	320	319	698	502
06-Nov	0	0	0	0	0	40	32	27	47	72	678	248	392	655	320
07-Nov	0	0	0	1	0	57	38	80	23	68	848	199	383	497	320
08-Nov	0	0	0	1	0	33	44	5	29	119	981	170	783	417	474
09-Nov	0	1	0	0	0	34	48	22	3	57	495	330	570	251	544
10-Nov	0	0	0	0	0	48	40	34	27	79	346	380	282	508	783
11-Nov	0	1	0	0	0	75	55	95	29	85	418	506	482	488	595
12-Nov	0	0	0	0	0	31	40	84	33	42	422	185	421	300	694

13-Nov	0	2	0	0	0	54	78	63	60	96	670	171	773	144	1124
14-Nov	0	0	0	0	0	16	88	1	53	28	294	346	633	164	686
15-Nov	0	0	0	0	0	6	51	2	84	37	35	353	507	326	683
16-Nov	0	0	0	0	0	16	81	78	27	52	145	660	316	423	480
17-Nov	0	0	0	1	0	60	38	48	45	65	191	261	416	465	663
18-Nov	0	0	0	0	0	75	77	55	25	152	352	126	524	363	639
19-Nov	0	0	0	0	0	27	73	19	37	57	124	16	625	187	664
20-Nov	0	0	0	0	0	59	53	15	40	87	106	6	556	208	593
21-Nov	0	0	0	0	0	57	72	12	51	85	159	95	196	267	274
22-Nov	0	0	0	0	0	9	21	4	52	80	165	188	170	510	396
23-Nov	0	0	0	0	0	66	61	10	24	101	150	262	259	263	487
Total	9	4	9	5	12	1651	1222	1241	1751	2622	13535	6587	10534	11999	13796

Details of residue burning events in Punjab on 23-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	ATTARI	AQUA	31.57800	74.68700	14:41:34	D	5.30
2	AMRITSAR	CHOGAWAN	S-NPP	31.68344	74.70022	13:40:06	D	8.90
3	AMRITSAR	CHOGAWAN	S-NPP	31.69097	74.70343	13:40:06	D	3.60
4	BARNALA	BARNALA	S-NPP	30.29095	75.52731	13:40:06	D	2.60
5	BARNALA	BARNALA	S-NPP	30.30448	75.52033	13:40:06	D	5.70
6	BARNALA	BARNALA	S-NPP	30.34033	75.49093	13:40:06	D	1.80
7	BARNALA	BARNALA	AQUA	30.24400	75.43000	14:41:34	D	9.00
8	BARNALA	MAHAL KALAN	S-NPP	30.48313	75.48865	13:40:06	D	1.80
9	BARNALA	MAHAL KALAN	S-NPP	30.51314	75.55383	13:40:06	D	5.90
10	BARNALA	MAHAL KALAN	S-NPP	30.52661	75.40659	13:40:06	D	2.20
11	BARNALA	MAHAL KALAN	S-NPP	30.53013	75.40599	13:40:06	D	4.80
12	BARNALA	MAHAL KALAN	S-NPP	30.54389	75.62408	13:40:06	D	12.40
13	BARNALA	MAHAL KALAN	S-NPP	30.54744	75.62349	13:40:06	D	12.40
14	BARNALA	MAHAL KALAN	AQUA	30.41400	75.57300	14:41:34	D	11.20
15	BARNALA	MAHAL KALAN	AQUA	30.41600	75.58600	14:41:34	D	14.60
16	BARNALA	SEHNA	S-NPP	30.34434	75.43919	13:40:06	D	2.20
17	BARNALA	SEHNA	S-NPP	30.47909	75.37305	13:40:06	D	11.20
18	BARNALA	SEHNA	AQUA	30.37900	75.46700	14:41:34	D	5.00
19	BATHINDA	BATHINDA	S-NPP	30.24176	74.75356	13:40:06	D	2.30
20	BATHINDA	MAUR	S-NPP	29.99137	75.24044	13:40:06	D	3.00
21	BATHINDA	NATHANA	S-NPP	30.20889	75.06150	13:40:06	D	11.30
22	BATHINDA	NATHANA	S-NPP	30.23262	75.18815	13:40:06	D	34.80
23	BATHINDA	NATHANA	AQUA	30.39300	75.06300	14:41:34	D	13.60
24	BATHINDA	PHUL	S-NPP	30.27211	75.19033	13:40:06	D	2.40
25	BATHINDA	PHUL	S-NPP	30.34065	75.27163	13:40:06	D	3.90
26	BATHINDA	PHUL	S-NPP	30.44530	75.16772	13:40:06	D	4.70
27	BATHINDA	SANGAT	S-NPP	30.02364	74.83907	13:40:06	D	21.40
28	BATHINDA	SANGAT	AQUA	30.07600	74.81700	14:41:34	D	16.50
29	BATHINDA	TALWANDI SABO	S-NPP	29.92736	75.02766	13:40:06	D	2.50
30	BATHINDA	TALWANDI SABO	S-NPP	30.00326	75.10891	13:40:06	D	4.50

31	BATHINDA	TALWANDI SABO	S-NPP	30.00384	75.11328	13:40:06	D	5.00
32	BATHINDA	TALWANDI SABO	S-NPP	30.03260	75.01001	13:40:06	D	2.20
33	FARIDKOT	FARIDKOT	S-NPP	30.61920	74.64155	13:40:06	D	2.40
34	FARIDKOT	FARIDKOT	S-NPP	30.66055	74.68718	13:40:06	D	7.60
35	FARIDKOT	FARIDKOT	S-NPP	30.71993	74.82463	13:40:06	D	4.70
36	FARIDKOT	JAITON	AQUA	30.42600	74.83100	14:41:34	D	12.00
37	FARIDKOT	JAITON	AQUA	30.43000	74.78100	14:41:34	D	7.60
38	FARIDKOT	KOT KAPURA	AQUA	30.61700	74.81100	14:41:34	D	10.10
39	FARIDKOT	KOT KAPURA	AQUA	30.61800	74.82300	14:41:34	D	41.80
40	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67282	76.38312	13:40:06	D	2.50
41	FAZILKA	ABOHAR	S-NPP	30.10447	74.21208	13:40:06	D	9.10
42	FAZILKA	ABOHAR	S-NPP	30.19623	74.26917	13:40:06	D	5.10
43	FAZILKA	ABOHAR	AQUA	30.18200	74.27200	14:41:34	D	14.70
44	FAZILKA	FAZILKA	AQUA	30.46100	74.14700	14:41:34	D	8.00
45	FAZILKA	FAZILKA	AQUA	30.47600	74.12200	14:41:34	D	5.50
46	FAZILKA	FAZILKA	AQUA	30.51700	74.01800	14:41:34	D	16.10
47	FAZILKA	FAZILKA	AQUA	30.52100	74.05100	14:41:34	D	17.80
48	FAZILKA	GURUHAR SAHAI	AQUA	30.64700	74.31000	14:41:34	D	4.50
49	FAZILKA	JALALABAD	S-NPP	30.55890	74.10120	13:40:06	D	2.40
50	FAZILKA	JALALABAD	AQUA	30.58700	74.26900	14:41:34	D	7.70
51	FAZILKA	KHUIAN SARWAR	S-NPP	30.26439	74.01411	13:40:06	D	1.10
52	FAZILKA	KHUIAN SARWAR	S-NPP	30.26516	74.01437	13:40:06	D	1.80
53	FAZILKA	KHUIAN SARWAR	S-NPP	30.27304	74.02135	13:40:06	D	11.70
54	FAZILKA	KHUIAN SARWAR	S-NPP	30.27641	74.02073	13:40:06	D	11.70
55	FAZILKA	KHUIAN SARWAR	S-NPP	30.29439	74.02585	13:40:06	D	6.70
56	FAZILKA	KHUIAN SARWAR	S-NPP	30.29776	74.02522	13:40:06	D	6.70
57	FIROZPUR	GURUHAR SAHAI	S-NPP	30.70177	74.22595	13:40:06	D	3.80
58	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72283	74.25232	13:40:06	D	11.40
59	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73151	74.28969	13:40:06	D	3.00
60	FIROZPUR	GURUHAR SAHAI	AQUA	30.66600	74.38900	14:41:34	D	6.30
61	FIROZPUR	GURUHAR SAHAI	AQUA	30.68400	74.30400	14:41:34	D	19.40
62	FIROZPUR	GURUHAR SAHAI	AQUA	30.68500	74.31500	14:41:34	D	16.70
63	FIROZPUR	GURUHAR SAHAI	AQUA	30.69000	74.34900	14:41:34	D	15.90
64	FIROZPUR	GURUHAR SAHAI	AQUA	30.69900	74.34800	14:41:34	D	18.90

65	FIROZPUR	GURUHAR SAHAI	AQUA	30.71200	74.32800	14:41:34	D	15.50
66	FIROZPUR	GURUHAR SAHAI	AQUA	30.72100	74.39700	14:41:34	D	12.40
67	FIROZPUR	MAKHU	S-NPP	31.13017	74.84097	13:40:06	D	4.40
68	FIROZPUR	MAKHU	S-NPP	31.13113	74.83755	13:40:06	D	3.90
69	FIROZPUR	MAMDOT	S-NPP	30.83146	74.35968	13:40:06	D	15.00
70	FIROZPUR	ZIRA	S-NPP	30.91800	74.99904	13:40:06	D	4.30
71	HOSHIARPUR	GARH SHANKAR	S-NPP	31.23454	76.07696	13:40:06	D	1.90
72	JALANDHAR	ADAMPUR	S-NPP	31.36378	75.74163	13:40:06	D	4.60
73	JALANDHAR	MEHATPUR	S-NPP	31.07911	75.43224	13:40:06	D	4.60
74	JALANDHAR	RURKA KALAN	S-NPP	31.14343	75.63802	13:40:06	D	3.70
75	KAPURTHALA	PHAGWARA	S-NPP	31.33868	75.72894	02:30:49	N	0.60
76	LUDHIANA	DEHLON	S-NPP	30.73223	75.88226	13:40:06	D	1.80
77	LUDHIANA	DEHLON	S-NPP	30.73252	75.87894	13:40:06	D	1.30
78	LUDHIANA	DORAH	S-NPP	30.76718	75.98090	13:40:06	D	3.80
79	LUDHIANA	JAGRAON	S-NPP	30.71872	75.42292	13:40:06	D	4.20
80	LUDHIANA	JAGRAON	S-NPP	30.72225	75.42232	13:40:06	D	4.20
81	LUDHIANA	JAGRAON	S-NPP	30.74938	75.46459	13:40:06	D	4.90
82	LUDHIANA	JAGRAON	S-NPP	30.78320	75.39468	13:40:06	D	4.10
83	LUDHIANA	JAGRAON	S-NPP	30.79788	75.42496	13:40:06	D	4.60
84	LUDHIANA	JAGRAON	S-NPP	30.80141	75.42435	13:40:06	D	4.60
85	LUDHIANA	LUDHIANA 1	S-NPP	30.83140	75.81860	13:40:06	D	6.50
86	LUDHIANA	LUDHIANA 1	S-NPP	30.83290	75.82027	13:40:06	D	5.80
87	LUDHIANA	PAKHOWAL	S-NPP	30.68532	75.71619	13:40:06	D	3.10
88	LUDHIANA	PAKHOWAL	S-NPP	30.69794	75.78619	13:40:06	D	2.50
89	LUDHIANA	PAKHOWAL	AQUA	30.70500	75.79800	14:41:34	D	11.80
90	LUDHIANA	PAKHOWAL	AQUA	30.72500	75.80300	14:41:34	D	8.70
91	LUDHIANA	RAIKOT	S-NPP	30.59878	75.49379	13:40:06	D	7.80
92	LUDHIANA	RAIKOT	S-NPP	30.61281	75.66157	13:40:06	D	3.30
93	LUDHIANA	RAIKOT	S-NPP	30.62590	75.59286	13:40:06	D	2.70
94	LUDHIANA	RAIKOT	S-NPP	30.67931	75.66936	13:40:06	D	5.40
95	LUDHIANA	RAIKOT	S-NPP	30.67991	75.67403	13:40:06	D	5.40
96	LUDHIANA	RAIKOT	S-NPP	30.69676	75.59167	13:40:06	D	16.40
97	LUDHIANA	RAIKOT	AQUA	30.61000	75.59600	14:41:34	D	7.30
98	LUDHIANA	SIDHWAN BET	S-NPP	30.82910	75.44311	13:40:06	D	5.90

99	LUDHIANA	SIDHWAN BET	S-NPP	30.84619	75.43546	13:40:06	D	2.40
100	LUDHIANA	SIDHWAN BET	S-NPP	30.84621	75.46373	13:40:06	D	3.60
101	LUDHIANA	SIDHWAN BET	S-NPP	30.93265	75.52686	13:40:06	D	3.00
102	LUDHIANA	SIDHWAN BET	S-NPP	30.94271	75.52039	13:40:06	D	3.30
103	LUDHIANA	SUDHAR	S-NPP	30.83668	75.70352	13:40:06	D	1.70
104	MALERKOTLA	AHMEDGARH	S-NPP	30.66266	75.88412	13:40:06	D	4.00
105	MALERKOTLA	MALERKOTLA	S-NPP	30.44281	75.81615	13:40:06	D	9.00
106	MALERKOTLA	MALERKOTLA	S-NPP	30.52127	75.94317	13:40:06	D	3.10
107	MALERKOTLA	MALERKOTLA	S-NPP	30.57134	75.89749	13:40:06	D	2.70
108	MALERKOTLA	MALERKOTLA	AQUA	30.45600	75.85000	14:41:34	D	9.70
109	MANSA	BHIKHI	S-NPP	30.12898	75.41042	13:40:06	D	7.80
110	MANSA	BHIKHI	S-NPP	30.12914	75.41357	13:40:06	D	15.60
111	MANSA	BHIKHI	S-NPP	30.12956	75.41492	13:40:06	D	7.80
112	MANSA	BHIKHI	S-NPP	30.16111	75.46481	13:40:06	D	2.60
113	MANSA	BUDHLADA	AQUA	29.84100	75.48700	14:41:34	D	8.70
114	MANSA	BUDHLADA	AQUA	29.84300	75.50000	14:41:34	D	15.00
115	MANSA	BUDHLADA	AQUA	29.84500	75.49300	14:41:34	D	18.90
116	MANSA	JHUNIR	S-NPP	29.76079	75.36791	13:40:06	D	7.70
117	MANSA	JHUNIR	S-NPP	29.77015	75.41169	13:40:06	D	3.20
118	MANSA	JHUNIR	S-NPP	29.78822	75.41313	13:40:06	D	1.50
119	MANSA	JHUNIR	S-NPP	29.79171	75.41253	13:40:06	D	2.00
120	MANSA	JHUNIR	AQUA	29.75100	75.40000	14:41:34	D	7.30
121	MANSA	MANSA	S-NPP	30.11565	75.39293	13:40:06	D	1.90
122	MANSA	SARDULGARH	S-NPP	29.55089	75.24920	13:40:06	D	7.30
123	MANSA	SARDULGARH	S-NPP	29.60290	75.25892	13:40:06	D	4.10
124	MANSA	SARDULGARH	S-NPP	29.60811	75.27144	13:40:06	D	4.10
125	MANSA	SARDULGARH	S-NPP	29.62600	75.19239	13:40:06	D	9.40
126	MANSA	SARDULGARH	S-NPP	29.71140	75.20991	13:40:06	D	2.30
127	MANSA	SARDULGARH	AQUA	29.56300	75.28000	14:41:34	D	6.40
128	MOGA	BAGHA PURANA	S-NPP	30.65894	75.01892	13:40:06	D	6.80
129	MOGA	BAGHA PURANA	S-NPP	30.66414	75.00441	13:40:06	D	6.70
130	MOGA	BAGHA PURANA	S-NPP	30.69776	75.01662	13:40:06	D	10.90
131	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.88505	75.29503	13:40:06	D	2.40
132	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.89677	75.33034	13:40:06	D	1.30

133	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.02583	75.18839	13:40:06	D	3.00
134	MOGA	MOGA 1	S-NPP	30.73676	75.28476	13:40:06	D	3.70
135	MOGA	MOGA 1	S-NPP	30.76985	75.23420	13:40:06	D	3.40
136	MOGA	MOGA 1	S-NPP	30.79027	75.36539	13:40:06	D	4.90
137	MOGA	MOGA 1	S-NPP	30.80363	75.13619	13:40:06	D	3.30
138	MOGA	MOGA 1	S-NPP	30.84022	75.36144	13:40:06	D	8.60
139	MOGA	MOGA 1	S-NPP	30.86018	75.34866	13:40:06	D	4.60
140	MOGA	NIHAL SINGH	S-NPP	30.56606	75.23945	13:40:06	D	4.20
141	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.24559	74.63185	13:40:06	D	2.00
142	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.27468	74.63972	13:40:06	D	2.40
143	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.45402	74.62560	13:40:06	D	1.50
144	MUKTSAR	LAMBI	S-NPP	29.96160	74.66657	13:40:06	D	44.90
145	MUKTSAR	LAMBI	AQUA	29.94900	74.60700	14:41:34	D	6.20
146	MUKTSAR	LAMBI	AQUA	29.95100	74.61800	14:41:34	D	8.50
147	MUKTSAR	MALOUT	S-NPP	30.12419	74.40523	13:40:06	D	2.80
148	MUKTSAR	MALOUT	S-NPP	30.32419	74.36645	13:40:06	D	3.80
149	MUKTSAR	MUKTSAR	S-NPP	30.51839	74.40968	13:40:06	D	3.60
150	SANGRUR	ANDANA	S-NPP	29.74742	76.01005	13:40:06	D	9.00
151	SANGRUR	ANDANA	AQUA	29.83100	75.99100	14:41:34	D	25.60
152	SANGRUR	BHAWANIGARH	S-NPP	30.29272	75.98174	13:40:06	D	3.20
153	SANGRUR	BHAWANIGARH	S-NPP	30.29632	75.98114	13:40:06	D	4.30
154	SANGRUR	DHURI	S-NPP	30.42719	75.89583	13:40:06	D	5.10
155	SANGRUR	SANGRUR	S-NPP	30.17149	75.63052	13:40:06	D	18.50
156	SANGRUR	SANGRUR	S-NPP	30.23171	75.64844	13:40:06	D	4.40
157	SANGRUR	SANGRUR	S-NPP	30.30708	75.88430	13:40:06	D	3.70
158	SANGRUR	SANGRUR	AQUA	30.18000	75.59000	14:41:34	D	15.50
159	SANGRUR	SHER PUR	S-NPP	30.32041	75.70078	13:40:06	D	3.30
160	SANGRUR	SHER PUR	S-NPP	30.33877	75.67403	13:40:06	D	2.20
161	TARN TARAN	BHIKHIWIND	S-NPP	31.31768	74.59047	13:40:06	D	2.80
162	TARN TARAN	TARN TARAN	S-NPP	31.37440	74.80624	13:40:06	D	2.70

Details of residue burning events in Haryana on 23-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	AMBALA	AMBALA-II	AQUA	30.24900	76.65000	14:41:34	D	8.90
2	AMBALA	AMBALA-II	AQUA	30.25400	76.64000	14:41:34	D	7.50
3	FATEHABAD	BHUNA	S-NPP	29.59931	75.75085	13:40:06	D	4.80
4	FATEHABAD	TOHANA	S-NPP	29.60282	75.94714	13:40:06	D	3.00
5	FATEHABAD	TOHANA	S-NPP	29.70754	75.86964	13:40:06	D	6.40
6	HISAR	HANSI-I	S-NPP	29.21090	76.04796	13:40:06	D	5.50
7	HISAR	NARNAUND	S-NPP	29.23298	76.16276	13:40:06	D	1.10
8	JHAJJAR	BERI	S-NPP	28.72348	76.50061	13:40:06	D	5.00
9	JHAJJAR	JHAJJAR	S-NPP	28.67237	76.62553	13:40:06	D	3.20
10	JHAJJAR	JHAJJAR	S-NPP	28.67253	76.62311	13:40:06	D	2.10
11	JIND	ALEWA	S-NPP	29.50031	76.39822	13:40:06	D	2.80
12	JIND	JIND	S-NPP	29.27834	76.22371	13:40:06	D	4.20
13	JIND	JIND	S-NPP	29.36481	76.35464	13:40:06	D	6.20
14	JIND	JULANA	S-NPP	29.08807	76.33327	13:40:06	D	4.30
15	JIND	JULANA	S-NPP	29.18456	76.48285	13:40:06	D	4.10
16	JIND	JULANA	S-NPP	29.23416	76.31607	13:40:06	D	3.10
17	JIND	NARWANA	S-NPP	29.59409	76.16826	13:40:06	D	8.20
18	JIND	NARWANA	AQUA	29.67500	76.05500	14:41:34	D	16.30
19	JIND	PILLUKHERA	S-NPP	29.24050	76.57438	13:40:06	D	2.20
20	JIND	PILLUKHERA	S-NPP	29.35621	76.55269	13:40:06	D	8.00
21	JIND	SAFIDON	S-NPP	29.40925	76.55909	13:40:06	D	1.90
22	JIND	SAFIDON	S-NPP	29.45024	76.62463	13:40:06	D	3.30
23	JIND	SAFIDON	AQUA	29.43900	76.72600	14:41:34	D	12.80
24	JIND	SAFIDON	AQUA	29.45900	76.74700	14:41:34	D	12.30
25	JIND	UCHANA	S-NPP	29.43500	76.32081	13:40:06	D	3.50
26	JIND	UCHANA	S-NPP	29.57788	76.30980	13:40:06	D	5.20
27	KARNAL	CHIRAO	S-NPP	29.62868	76.80733	13:40:06	D	4.40
28	PANIPAT	ISRANA	S-NPP	29.31500	76.69225	13:40:06	D	1.70
29	PANIPAT	MADLAUDA	S-NPP	29.44370	76.75697	13:40:06	D	1.50
30	ROHTAK	MEHAM	S-NPP	29.08328	76.32441	13:40:06	D	2.50

31	ROHTAK	ROHTAK	S-NPP	28.81815	76.63364	13:40:06	D	5.80
32	ROHTAK	ROHTAK	S-NPP	28.95990	76.73167	13:40:06	D	4.20
33	ROHTAK	ROHTAK	S-NPP	28.96233	76.75125	13:40:06	D	3.30
34	SIRSA	BARAGUNDA	S-NPP	29.74722	75.18578	13:40:06	D	1.80
35	SIRSA	DABWALI	S-NPP	29.76111	74.80464	13:40:06	D	3.20
36	SIRSA	DABWALI	S-NPP	29.82043	74.63559	02:30:49	N	1.30
37	SIRSA	ELLENABAD	S-NPP	29.41350	74.71383	02:30:49	N	1.30
38	SIRSA	ELLENABAD	S-NPP	29.41388	74.90673	13:40:06	D	3.60
39	SIRSA	ELLENABAD	S-NPP	29.47741	74.71028	13:40:06	D	3.20
40	SIRSA	ELLENABAD	S-NPP	29.48655	74.67336	02:30:49	N	2.00
41	SIRSA	ELLENABAD	S-NPP	29.50052	74.73676	02:30:49	N	0.60
42	SIRSA	ELLENABAD	S-NPP	29.50103	74.71372	02:30:49	N	0.50
43	SIRSA	NATHUSARI CHOPTA	S-NPP	29.44328	74.95258	02:30:49	N	1.60
44	SIRSA	NATHUSARI CHOPTA	S-NPP	29.51620	75.25521	13:40:06	D	2.60
45	SIRSA	NATHUSARI CHOPTA	AQUA	29.53900	75.24700	14:41:34	D	11.80
46	SIRSA	RANIA	S-NPP	29.58071	74.85693	13:40:06	D	2.80
47	SIRSA	RANIA	AQUA	29.50200	74.78400	14:41:34	D	7.40
48	SIRSA	RANIA	AQUA	29.50300	74.79500	14:41:34	D	65.60
49	SIRSA	SIRSA	S-NPP	29.45628	74.94150	02:30:49	N	1.00
50	SIRSA	SIRSA	S-NPP	29.45710	74.93697	02:30:49	N	1.90
51	SIRSA	SIRSA	S-NPP	29.49879	75.04382	02:30:49	N	1.10
52	SIRSA	SIRSA	S-NPP	29.51506	75.09538	02:30:49	N	1.30
53	SIRSA	SIRSA	S-NPP	29.56812	74.96549	02:30:49	N	0.40

Details of residue burning events in Uttar Pradesh on 23-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ALIGARH	GABHANA	S-NPP	28.06942	77.85798	02:30:49	N	0.70
2	ALIGARH	GABHANA	AQUA	28.09700	77.77400	14:41:34	D	12.70
3	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.42218	82.63821	13:40:06	D	4.30
4	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.42340	82.63786	13:40:06	D	4.30
5	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.43195	82.67469	13:40:06	D	2.90
6	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.44747	82.67633	13:40:06	D	2.30
7	AMBEDKARNAGAR	ALAPUR	S-NPP	26.39911	83.06017	13:40:06	D	1.90
8	AMBEDKARNAGAR	JALALPUR	S-NPP	26.36802	82.70451	13:40:06	D	2.80
9	AMBEDKARNAGAR	JALALPUR	S-NPP	26.37222	82.69418	13:40:06	D	2.10
10	AMBEDKARNAGAR	JALALPUR	S-NPP	26.39430	82.71162	13:40:06	D	4.10
11	AMBEDKARNAGAR	JALALPUR	S-NPP	26.42123	82.72532	13:40:06	D	2.50
12	AMBEDKARNAGAR	TANDA	S-NPP	26.50804	82.73965	13:40:06	D	2.50
13	AMBEDKARNAGAR	TANDA	S-NPP	26.52213	82.78162	13:40:06	D	1.00
14	AMBEDKARNAGAR	TANDA	S-NPP	26.57703	82.61785	13:40:06	D	2.00
15	AMETHI	GAURIGANJ	S-NPP	26.36072	81.73240	13:40:06	D	3.20
16	AMROHA	AMROHA	S-NPP	28.90998	78.66457	13:40:06	D	2.70
17	AMROHA	AMROHA	S-NPP	28.91082	78.66345	13:40:06	D	2.20
18	AMROHA	AMROHA	S-NPP	28.96573	78.45988	13:40:06	D	1.50
19	AZAMGARH	BURHANPUR	S-NPP	26.24822	82.92117	13:40:06	D	1.10
20	AZAMGARH	LALGANJ	S-NPP	25.91213	82.93951	13:40:06	D	1.50
21	AZAMGARH	MEHNAGAR	S-NPP	25.87171	83.12745	13:40:06	D	2.00
22	AZAMGARH	PHULPUR	S-NPP	25.92120	82.78371	13:40:06	D	1.70
23	BADAUN	BADAUN	S-NPP	28.12511	79.07919	13:40:06	D	2.40
24	BADAUN	BISAULI	S-NPP	28.29045	78.74811	13:40:06	D	1.80
25	BAGHPAT	BARAUT	S-NPP	29.09192	77.24747	13:40:06	D	5.70
26	BAGHPAT	BARAUT	S-NPP	29.15986	77.42966	13:40:06	D	2.30
27	BAGHPAT	BARAUT	S-NPP	29.18813	77.18835	13:40:06	D	2.60
28	BAGHPAT	BARAUT	S-NPP	29.19794	77.43829	13:40:06	D	4.20
29	BAHRAICH	MAHASI	S-NPP	27.46050	81.48498	02:30:49	N	0.30

30	BAHRAICH	NANPARA	S-NPP	27.86816	81.30436	13:40:06	D	3.40
31	BALLIA	BALLIA	S-NPP	25.79832	84.03735	13:40:06	D	2.20
32	BANDA	ATARRA	S-NPP	25.37361	80.50150	13:40:06	D	3.30
33	BASTI	BHANPUR	S-NPP	26.91635	82.74869	13:40:06	D	2.60
34	BASTI	RUDHAULI	S-NPP	26.93401	82.83196	13:40:06	D	5.30
35	BIJNOR	AFZALGARH	S-NPP	29.47678	78.65923	13:40:06	D	1.50
36	BIJNOR	CHANDPUR	S-NPP	29.12574	78.38058	13:40:06	D	1.90
37	BIJNOR	NAJIBABAD	S-NPP	29.58351	78.39396	13:40:06	D	7.70
38	CHITRAKOOT	KARWI	S-NPP	25.26730	80.94709	02:30:49	N	0.50
39	DEORIA	DEORIA	S-NPP	26.53577	83.77631	13:40:06	D	4.20
40	DEORIA	DEORIA	S-NPP	26.55689	83.95653	13:40:06	D	2.10
41	DEORIA	DEORIA	S-NPP	26.60777	83.76698	13:40:06	D	3.40
42	ETAWAH	BHARTHNA	S-NPP	26.64110	79.22115	13:40:06	D	4.70
43	ETAWAH	BHARTHNA	S-NPP	26.66745	79.27104	13:40:06	D	2.00
44	ETAWAH	BHARTHNA	S-NPP	26.79171	79.27517	13:40:06	D	3.00
45	ETAWAH	BHARTHNA	S-NPP	26.81448	79.21830	13:40:06	D	4.30
46	ETAWAH	BHARTHNA	S-NPP	26.82743	79.29523	13:40:06	D	4.60
47	ETAWAH	JASWANTNAGAR	S-NPP	26.83757	78.99146	13:40:06	D	1.60
48	ETAWAH	SAIFAI	S-NPP	26.97093	79.07829	13:40:06	D	3.60
49	FATEHPUR	KHAGA	S-NPP	25.67055	81.09275	13:40:06	D	5.80
50	GAUTAMBUDHNAGAR	DADRI	S-NPP	28.53381	77.68232	02:30:49	N	0.80
51	GAZIPUR	GAZIPUR	S-NPP	25.81600	83.58606	13:40:06	D	1.60
52	GORAKHPUR	CAMPIERGANJ	S-NPP	26.94800	83.37205	13:40:06	D	1.70
53	GORAKHPUR	CHAURI CHAURA	S-NPP	26.69670	83.57339	13:40:06	D	4.10
54	GORAKHPUR	GORAKHPUR	S-NPP	26.76137	83.53625	13:40:06	D	2.50
55	GORAKHPUR	GORAKHPUR	S-NPP	26.77089	83.52025	13:40:06	D	3.20
56	GORAKHPUR	GORAKHPUR	S-NPP	26.78381	83.54535	13:40:06	D	3.60
57	GORAKHPUR	GORAKHPUR	S-NPP	26.78700	83.51866	13:40:06	D	2.00
58	GORAKHPUR	GORAKHPUR	S-NPP	26.78919	83.54483	13:40:06	D	3.60
59	GORAKHPUR	GORAKHPUR	S-NPP	26.80690	83.49793	13:40:06	D	2.00
60	GORAKHPUR	GORAKHPUR	S-NPP	26.84769	83.50378	13:40:06	D	6.60
61	GORAKHPUR	GORAKHPUR	S-NPP	26.91085	83.41897	13:40:06	D	4.10
62	HARDOI	BILGRAM	S-NPP	26.97775	80.21222	13:40:06	D	3.80
63	HARDOI	SHAHABAD	S-NPP	27.60150	80.06237	13:40:06	D	3.00

64	JHANSI	MOTH	S-NPP	25.64688	78.86826	13:40:06	D	4.90
65	JHANSI	MOTH	S-NPP	25.79394	78.90215	13:40:06	D	8.60
66	JHANSI	MOTH	S-NPP	25.81654	78.95648	13:40:06	D	7.50
67	JHANSI	MOTH	S-NPP	25.81839	78.87016	13:40:06	D	7.70
68	JHANSI	MOTH	S-NPP	25.82236	78.86960	13:40:06	D	5.80
69	JHANSI	MOTH	S-NPP	25.82303	78.87521	13:40:06	D	5.80
70	JHANSI	MOTH	S-NPP	25.82370	78.88083	13:40:06	D	5.00
71	JHANSI	MOTH	S-NPP	25.82389	78.86156	13:40:06	D	7.50
72	JHANSI	MOTH	S-NPP	25.82498	78.85785	13:40:06	D	15.20
73	JHANSI	MOTH	S-NPP	25.82516	78.87279	13:40:06	D	6.00
74	JHANSI	MOTH	S-NPP	25.82580	78.87841	13:40:06	D	6.00
75	JHANSI	MOTH	S-NPP	25.82658	78.84980	13:40:06	D	12.10
76	JHANSI	MOTH	S-NPP	25.82700	78.87466	13:40:06	D	5.80
77	JHANSI	MOTH	S-NPP	25.82767	78.88027	13:40:06	D	5.00
78	JHANSI	MOTH	S-NPP	25.82827	78.85172	13:40:06	D	3.70
79	JHANSI	MOTH	S-NPP	25.85341	79.09595	13:40:06	D	3.30
80	JHANSI	MOTH	S-NPP	25.85743	79.09540	13:40:06	D	5.90
81	JHANSI	MOTH	AQUA	25.64900	78.90600	14:41:34	D	17.10
82	JHANSI	MOTH	AQUA	25.65000	78.89600	14:41:34	D	24.90
83	JHANSI	MOTH	AQUA	25.65600	78.94800	14:41:34	D	14.70
84	JHANSI	MOTH	AQUA	25.73400	78.82500	14:41:34	D	10.40
85	JHANSI	MOTH	AQUA	25.74100	78.92400	14:41:34	D	14.60
86	JHANSI	MOTH	AQUA	25.74400	78.91200	14:41:34	D	9.60
87	JHANSI	MOTH	AQUA	25.74600	78.92900	14:41:34	D	17.00
88	JHANSI	MOTH	AQUA	25.78400	78.88300	14:41:34	D	12.40
89	JHANSI	MOTH	AQUA	25.78600	78.90100	14:41:34	D	43.10
90	JHANSI	MOTH	AQUA	25.80500	78.86300	14:41:34	D	47.20
91	JHANSI	MOTH	AQUA	25.81500	78.84400	14:41:34	D	31.70
92	JHANSI	MOTH	AQUA	25.81700	78.86100	14:41:34	D	68.40
93	JHANSI	MOTH	AQUA	25.89300	78.93300	14:41:34	D	9.30
94	JHANSI	TAHRAULI	S-NPP	25.57708	78.77801	13:40:06	D	5.10
95	KANPUR	KANPUR NAGAR	S-NPP	26.30985	80.24141	13:40:06	D	6.30
96	KANPUR	KANPUR NAGAR	S-NPP	26.31025	80.23761	13:40:06	D	4.80
97	KANPUR DEHAT	RASULABAD	S-NPP	26.70433	79.84548	13:40:06	D	6.50

98	KANPUR DEHAT	RASULABAD	S-NPP	26.70765	79.83612	13:40:06	D	4.80
99	KANPUR DEHAT	RASULABAD	S-NPP	26.71139	79.87138	13:40:06	D	3.30
100	KANPUR DEHAT	SIKANDRA	S-NPP	26.39820	79.61675	13:40:06	D	2.90
101	KAUSHAMBI	MANJHANPUR	S-NPP	25.33352	81.41425	13:40:06	D	21.00
102	KAUSHAMBI	MANJHANPUR	S-NPP	25.41648	81.37070	13:40:06	D	7.90
103	KHERI	DHAURAHRA	S-NPP	28.06356	81.07935	13:40:06	D	3.40
104	KHERI	DHAURAHRA	S-NPP	28.10369	81.03284	13:40:06	D	6.00
105	KHERI	GOLA	S-NPP	28.16442	80.64676	13:40:06	D	3.70
106	KHERI	LAKHIMPUR	AQUA	28.01700	80.54400	14:41:34	D	20.10
107	KHERI	MOHMADI	S-NPP	27.74710	80.31207	13:40:06	D	2.50
108	KHERI	MOHMADI	S-NPP	27.85648	80.21127	13:40:06	D	2.50
109	KHERI	MOHMADI	S-NPP	28.12752	80.28379	02:30:49	N	0.50
110	KHERI	NIGHASAN	S-NPP	28.26544	81.06832	13:40:06	D	1.80
111	KHERI	NIGHASAN	S-NPP	28.27017	80.87464	13:40:06	D	2.10
112	KHERI	PALIA KALAN	S-NPP	28.49776	80.51315	13:40:06	D	4.10
113	KUSHINAGAR	HATA	S-NPP	26.75497	83.65854	13:40:06	D	1.80
114	KUSHINAGAR	HATA	S-NPP	26.75824	83.63141	13:40:06	D	2.60
115	KUSHINAGAR	HATA	S-NPP	26.78434	83.61738	13:40:06	D	1.30
116	KUSHINAGAR	HATA	S-NPP	26.80469	83.60014	13:40:06	D	1.80
117	KUSHINAGAR	HATA	S-NPP	26.81743	83.68713	13:40:06	D	2.20
118	KUSHINAGAR	HATA	S-NPP	26.83039	83.58246	13:40:06	D	3.00
119	KUSHINAGAR	HATA	S-NPP	26.83546	83.57818	13:40:06	D	3.00
120	KUSHINAGAR	HATA	S-NPP	26.83579	83.58194	13:40:06	D	3.00
121	KUSHINAGAR	HATA	S-NPP	26.83687	83.65829	13:40:06	D	2.10
122	KUSHINAGAR	HATA	S-NPP	26.83755	83.58044	13:40:06	D	5.90
123	KUSHINAGAR	HATA	S-NPP	26.84952	83.61491	13:40:06	D	2.30
124	KUSHINAGAR	HATA	S-NPP	26.87127	83.66138	13:40:06	D	2.80
125	KUSHINAGAR	HATA	S-NPP	26.88456	83.55685	13:40:06	D	3.00
126	KUSHINAGAR	HATA	S-NPP	26.90577	83.61579	13:40:06	D	3.40
127	KUSHINAGAR	HATA	S-NPP	26.95643	83.63393	13:40:06	D	6.70
128	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.94271	83.57556	13:40:06	D	3.40
129	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.94827	83.53932	13:40:06	D	4.20
130	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.97603	83.58374	13:40:06	D	5.00
131	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.99858	83.59300	13:40:06	D	4.30

132	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.00109	83.62351	13:40:06	D	3.60
133	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.00965	83.66129	13:40:06	D	2.20
134	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.03630	83.46036	13:40:06	D	4.80
135	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.03854	83.45891	13:40:06	D	4.00
136	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.05645	83.47977	13:40:06	D	3.20
137	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.07091	83.59256	13:40:06	D	3.00
138	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.07723	83.60346	13:40:06	D	2.10
139	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.15761	83.63020	13:40:06	D	3.40
140	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.15794	83.65370	13:40:06	D	2.20
141	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.16261	83.57986	13:40:06	D	1.30
142	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.21067	83.60958	13:40:06	D	4.70
143	MAHARAJGANJ	NAUTANWA	S-NPP	27.47188	83.47211	13:40:06	D	2.40
144	MAHARAJGANJ	NICHLAUL	S-NPP	27.14163	83.72157	13:40:06	D	2.60
145	MAHARAJGANJ	NICHLAUL	S-NPP	27.18482	83.69765	13:40:06	D	4.50
146	MAHARAJGANJ	NICHLAUL	S-NPP	27.25703	83.70645	13:40:06	D	1.60
147	MAHARAJGANJ	NICHLAUL	S-NPP	27.25741	83.70551	13:40:06	D	1.90
148	MAHARAJGANJ	NICHLAUL	S-NPP	27.25924	83.66707	13:40:06	D	2.40
149	MAHARAJGANJ	NICHLAUL	S-NPP	27.26178	83.63181	13:40:06	D	6.70
150	MAHARAJGANJ	NICHLAUL	S-NPP	27.26265	83.63074	13:40:06	D	4.80
151	MAHARAJGANJ	NICHLAUL	S-NPP	27.28048	83.64851	13:40:06	D	2.60
152	MAHARAJGANJ	NICHLAUL	S-NPP	27.28078	83.65237	13:40:06	D	2.60
153	MAHARAJGANJ	NICHLAUL	S-NPP	27.36731	83.70293	13:40:06	D	4.90
154	MAHARAJGANJ	NICHLAUL	S-NPP	27.36822	83.70274	13:40:06	D	4.00
155	MAHARAJGANJ	PHARENDA	S-NPP	27.09363	83.34142	13:40:06	D	4.10
156	MAHARAJGANJ	PHARENDA	S-NPP	27.28456	83.29465	13:40:06	D	2.20
157	MAINPURI	BHOGAON	S-NPP	27.05078	79.21227	13:40:06	D	3.10
158	MAINPURI	KARHAL	S-NPP	27.06526	79.04166	13:40:06	D	5.70
159	MAU	GHOSI	S-NPP	26.20364	83.47302	13:40:06	D	1.50
160	MAU	MADHUBAN	S-NPP	26.06252	83.62251	13:40:06	D	3.10
161	MEERUT	MAWANA	S-NPP	29.00365	77.92416	13:40:06	D	3.20
162	MEERUT	MEERUT	S-NPP	28.82907	77.85596	13:40:06	D	3.80
163	MEERUT	SARDHANA	S-NPP	29.10672	77.54113	13:40:06	D	7.90
164	MEERUT	SARDHANA	S-NPP	29.10820	77.53775	13:40:06	D	7.80
165	MEERUT	SARDHANA	S-NPP	29.18918	77.61119	13:40:06	D	12.00

166	MEERUT	SARDHANA	AQUA	29.10500	77.59900	14:41:34	D	19.70
167	MORADABAD	BILARI	S-NPP	28.58882	78.72837	13:40:06	D	2.90
168	MORADABAD	THAKUR DWARA	S-NPP	29.06063	78.72333	13:40:06	D	1.30
169	MORADABAD	THAKUR DWARA	S-NPP	29.16111	78.86240	13:40:06	D	5.00
170	MUZAFARNAGAR	BUDHANA	S-NPP	29.25311	77.54465	13:40:06	D	4.10
171	MUZAFARNAGAR	BUDHANA	S-NPP	29.26137	77.58204	13:40:06	D	2.90
172	MUZAFARNAGAR	BUDHANA	S-NPP	29.36173	77.42178	13:40:06	D	3.30
173	MUZAFARNAGAR	KHATOLI	S-NPP	29.20657	77.79307	13:40:06	D	6.40
174	PILHIBHIT	BISALPUR	S-NPP	28.26294	79.97771	13:40:06	D	2.70
175	PILHIBHIT	BISALPUR	S-NPP	28.39822	79.82829	13:40:06	D	2.50
176	PILHIBHIT	PILHIBHIT	S-NPP	28.66033	79.65792	13:40:06	D	3.20
177	PILHIBHIT	PILHIBHIT	S-NPP	28.79284	79.69379	13:40:06	D	3.80
178	RAIBEARELI	MAHARAJGANG	S-NPP	26.36086	81.38548	13:40:06	D	5.90
179	RAIBEARELI	MAHARAJGANG	S-NPP	26.54179	81.25526	13:40:06	D	3.70
180	RAIBEARELI	RAEBARELI	S-NPP	26.35115	81.19289	13:40:06	D	4.30
181	RAIBEARELI	TILOI	S-NPP	26.31281	81.49664	13:40:06	D	3.80
182	RAIBEARELI	TILOI	S-NPP	26.54127	81.44673	13:40:06	D	7.60
183	RAIBEARELI	UNCHA HAR	S-NPP	26.02045	81.21875	13:40:06	D	4.00
184	RAMPUR	SHAHBAD	S-NPP	28.61027	78.99442	13:40:06	D	2.40
185	SANTRAVIDASNAGAR	BHADOHI	S-NPP	25.49715	82.44175	13:40:06	D	4.50
186	SHAHJAHANPUR	PUWANYA	S-NPP	28.10947	80.12680	13:40:06	D	2.50
187	SHAHJAHANPUR	PUWANYA	S-NPP	28.11017	80.12857	13:40:06	D	2.80
188	SHAHJAHANPUR	TILHAR	S-NPP	28.04249	79.90675	13:40:06	D	3.70
189	SHAMLI	KAIRANA	S-NPP	29.55173	77.15075	13:40:06	D	3.30
190	SHAMLI	SHAMLI	S-NPP	29.42653	77.36032	13:40:06	D	2.90
191	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.68663	77.55361	13:40:06	D	4.00
192	SITAPUR	LAHARPUR	S-NPP	27.69651	80.77983	13:40:06	D	3.50
193	SULTANPUR	JAISINGHPUR	S-NPP	26.33822	82.20998	13:40:06	D	2.80
194	SULTANPUR	SULTANPUR	S-NPP	26.25925	81.99553	13:40:06	D	6.10
195	UNNAO	HASANGANJ	S-NPP	26.65578	80.48102	13:40:06	D	5.20
196	UNNAO	HASANGANJ	S-NPP	26.65910	80.47879	13:40:06	D	4.70
197	UNNAO	SAFIPUR	S-NPP	26.80924	80.38369	13:40:06	D	3.80
198	UNNAO	SAFIPUR	S-NPP	26.90503	80.11253	13:40:06	D	3.00

Details of residue burning events in Rajasthan on 23-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	GANGANAGAR	ANAPGARH	S-NPP	29.20169	73.08208	13:40:06	D	5.70
2	GANGANAGAR	ANAPGARH	S-NPP	29.20772	73.07686	13:40:06	D	3.50
3	GANGANAGAR	ANAPGARH	S-NPP	29.20831	73.08080	13:40:06	D	3.50
4	GANGANAGAR	ANAPGARH	S-NPP	29.21103	73.07622	13:40:06	D	3.20
5	GANGANAGAR	ANAPGARH	S-NPP	29.21162	73.08015	13:40:06	D	3.20
6	GANGANAGAR	GANGANAGAR	S-NPP	29.81960	73.89330	13:40:06	D	2.60
7	GANGANAGAR	GANGANAGAR	S-NPP	30.02633	73.88435	13:40:06	D	2.60
8	GANGANAGAR	SURATGARH	S-NPP	29.34557	73.94617	13:40:06	D	2.90
9	GANGANAGAR	SURATGARH	S-NPP	29.37238	73.76378	13:40:06	D	3.30
10	GANGANAGAR	SURATGARH	S-NPP	29.37571	73.76315	13:40:06	D	3.30
11	GANGANAGAR	SURATGARH	AQUA	29.28300	74.15200	14:41:34	D	6.60
12	GANGANAGAR	SURATGARH	AQUA	29.32600	73.77800	14:41:34	D	7.30
13	GANGANAGAR	SURATGARH	AQUA	29.32900	73.79900	14:41:34	D	5.60
14	GANGANAGAR	SURATGARH	AQUA	29.33000	73.81000	14:41:34	D	12.80
15	GANGANAGAR	SURATGARH	AQUA	29.33600	73.85200	14:41:34	D	13.10
16	GANGANAGAR	VIJAY NAGAR	S-NPP	29.25096	73.55274	13:40:06	D	21.30
17	GANGANAGAR	VIJAY NAGAR	S-NPP	29.29783	73.59294	13:40:06	D	2.80
18	GANGANAGAR	VIJAY NAGAR	S-NPP	29.30057	73.58832	13:40:06	D	5.50
19	GANGANAGAR	VIJAY NAGAR	S-NPP	29.34334	73.67040	13:40:06	D	1.70
20	GANGANAGAR	VIJAY NAGAR	S-NPP	29.35075	73.69774	13:40:06	D	4.20
21	GANGANAGAR	VIJAY NAGAR	S-NPP	29.39629	73.66875	13:40:06	D	12.30
22	GANGANAGAR	VIJAY NAGAR	AQUA	29.26500	73.59700	14:41:34	D	11.80
23	GANGANAGAR	VIJAY NAGAR	AQUA	29.33600	73.65300	14:41:34	D	5.00
24	HANUMANGARH	BHADRA	S-NPP	28.97169	75.11121	13:40:06	D	6.00
25	HANUMANGARH	HANUMANGARH	S-NPP	29.51248	74.21574	13:40:06	D	12.30
26	HANUMANGARH	HANUMANGARH	S-NPP	29.51306	74.21983	13:40:06	D	7.20
27	HANUMANGARH	HANUMANGARH	S-NPP	29.51515	74.18587	13:40:06	D	9.40
28	HANUMANGARH	HANUMANGARH	S-NPP	29.56643	74.22324	13:40:06	D	143.30
29	HANUMANGARH	HANUMANGARH	S-NPP	29.57455	74.30605	13:40:06	D	2.50
30	HANUMANGARH	HANUMANGARH	S-NPP	29.57512	74.31017	13:40:06	D	2.90
31	HANUMANGARH	HANUMANGARH	S-NPP	29.58739	74.27415	13:40:06	D	12.80
32	HANUMANGARH	HANUMANGARH	S-NPP	29.59847	74.40332	13:40:06	D	4.90
33	HANUMANGARH	HANUMANGARH	S-NPP	29.60056	74.34357	13:40:06	D	15.90

34	HANUMANGARH	HANUMANGARH	S-NPP	29.60186	74.40270	13:40:06	D	4.90
35	HANUMANGARH	HANUMANGARH	S-NPP	29.61250	74.37955	13:40:06	D	2.20
36	HANUMANGARH	HANUMANGARH	S-NPP	29.64354	74.25540	13:40:06	D	2.50
37	HANUMANGARH	HANUMANGARH	AQUA	29.47500	74.13900	14:41:34	D	6.80
38	HANUMANGARH	HANUMANGARH	AQUA	29.48400	74.13800	14:41:34	D	9.80
39	HANUMANGARH	HANUMANGARH	AQUA	29.51000	74.19300	14:41:34	D	7.50
40	HANUMANGARH	HANUMANGARH	AQUA	29.51100	74.20400	14:41:34	D	10.80
41	HANUMANGARH	HANUMANGARH	AQUA	29.54300	74.23200	14:41:34	D	7.40
42	HANUMANGARH	HANUMANGARH	AQUA	29.57600	74.27100	14:41:34	D	4.90
43	HANUMANGARH	HANUMANGARH	AQUA	29.58500	74.33800	14:41:34	D	11.10
44	HANUMANGARH	HANUMANGARH	AQUA	29.58600	74.34900	14:41:34	D	22.10
45	HANUMANGARH	HANUMANGARH	AQUA	29.58700	74.36000	14:41:34	D	107.10
46	HANUMANGARH	HANUMANGARH	AQUA	29.60100	74.39100	14:41:34	D	70.60
47	HANUMANGARH	HANUMANGARH	AQUA	29.60600	74.35700	14:41:34	D	16.10
48	HANUMANGARH	PILIBANGA	S-NPP	29.35817	74.01015	13:40:06	D	35.40
49	HANUMANGARH	PILIBANGA	S-NPP	29.37608	74.01514	13:40:06	D	3.10
50	HANUMANGARH	PILIBANGA	S-NPP	29.37942	74.01452	13:40:06	D	3.10
51	HANUMANGARH	PILIBANGA	S-NPP	29.38277	74.01389	13:40:06	D	6.60
52	HANUMANGARH	PILIBANGA	S-NPP	29.39500	74.00332	13:40:06	D	3.10
53	HANUMANGARH	PILIBANGA	S-NPP	29.39559	74.00736	13:40:06	D	4.30
54	HANUMANGARH	PILIBANGA	S-NPP	29.45056	74.02236	13:40:06	D	2.40
55	HANUMANGARH	PILIBANGA	S-NPP	29.45345	74.04264	13:40:06	D	3.90
56	HANUMANGARH	PILIBANGA	S-NPP	29.46037	74.09139	13:40:06	D	15.40
57	HANUMANGARH	PILIBANGA	S-NPP	29.46119	74.02454	13:40:06	D	6.60
58	HANUMANGARH	PILIBANGA	S-NPP	29.46235	74.03265	13:40:06	D	3.90
59	HANUMANGARH	PILIBANGA	S-NPP	29.46315	74.08671	13:40:06	D	15.40
60	HANUMANGARH	PILIBANGA	S-NPP	29.46951	74.01051	13:40:06	D	2.20
61	HANUMANGARH	PILIBANGA	S-NPP	29.47171	74.12270	13:40:06	D	11.20
62	HANUMANGARH	PILIBANGA	S-NPP	29.48004	74.10863	13:40:06	D	11.60
63	HANUMANGARH	PILIBANGA	S-NPP	29.48351	74.13307	13:40:06	D	6.70
64	HANUMANGARH	PILIBANGA	S-NPP	29.49023	74.13183	13:40:06	D	2.10
65	HANUMANGARH	PILIBANGA	AQUA	29.45700	74.07600	14:41:34	D	35.80
66	HANUMANGARH	PILIBANGA	AQUA	29.45900	74.08700	14:41:34	D	48.50
67	HANUMANGARH	PILIBANGA	AQUA	29.46900	74.09600	14:41:34	D	7.20
68	HANUMANGARH	PILIBANGA	AQUA	29.47100	74.10700	14:41:34	D	12.40
69	HANUMANGARH	SANGHRIYA	S-NPP	29.61712	74.41267	13:40:06	D	5.60
70	HANUMANGARH	SANGHRIYA	S-NPP	29.62900	74.42324	13:40:06	D	2.50

71	HANUMANGARH	TIBI	S-NPP	29.53683	74.56288	13:40:06	D	2.60
72	HANUMANGARH	TIBI	S-NPP	29.56323	74.50262	13:40:06	D	1.50
73	HANUMANGARH	TIBI	S-NPP	29.57261	74.44202	13:40:06	D	10.80
74	HANUMANGARH	TIBI	S-NPP	29.57313	74.42066	13:40:06	D	3.50
75	HANUMANGARH	TIBI	S-NPP	29.57340	74.50079	13:40:06	D	16.70
76	HANUMANGARH	TIBI	S-NPP	29.57652	74.42005	13:40:06	D	3.50
77	HANUMANGARH	TIBI	S-NPP	29.57885	74.46215	13:40:06	D	37.70
78	HANUMANGARH	TIBI	S-NPP	29.58948	74.41345	13:40:06	D	8.10
79	HANUMANGARH	TIBI	S-NPP	29.59005	74.41759	13:40:06	D	5.50
80	HANUMANGARH	TIBI	S-NPP	29.59682	74.41636	13:40:06	D	6.30
81	HANUMANGARH	TIBI	S-NPP	29.61769	74.41681	13:40:06	D	5.60
82	HANUMANGARH	TIBI	S-NPP	29.62346	74.45831	13:40:06	D	10.50
83	HANUMANGARH	TIBI	S-NPP	29.65792	74.45631	13:40:06	D	38.90
84	HANUMANGARH	TIBI	AQUA	29.54200	74.57900	14:41:34	D	15.00
85	HANUMANGARH	TIBI	AQUA	29.54900	74.57200	14:41:34	D	5.20
86	HANUMANGARH	TIBI	AQUA	29.55000	74.58300	14:41:34	D	11.50
87	HANUMANGARH	TIBI	AQUA	29.55300	74.45600	14:41:34	D	17.30
88	HANUMANGARH	TIBI	AQUA	29.56800	74.43100	14:41:34	D	15.30
89	HANUMANGARH	TIBI	AQUA	29.57000	74.44200	14:41:34	D	26.70
90	HANUMANGARH	TIBI	AQUA	29.57600	74.48700	14:41:34	D	14.10
91	HANUMANGARH	TIBI	AQUA	29.57700	74.49800	14:41:34	D	182.10
92	HANUMANGARH	TIBI	AQUA	29.57800	74.50900	14:41:34	D	84.10
93	HANUMANGARH	TIBI	AQUA	29.58000	74.52000	14:41:34	D	33.00
94	HANUMANGARH	TIBI	AQUA	29.58200	74.46300	14:41:34	D	11.40
95	HANUMANGARH	TIBI	AQUA	29.58600	74.49600	14:41:34	D	11.40
96	HANUMANGARH	TIBI	AQUA	29.58800	74.50800	14:41:34	D	67.90
97	HANUMANGARH	TIBI	AQUA	29.58900	74.51900	14:41:34	D	28.10
98	HANUMANGARH	TIBI	AQUA	29.59500	74.41500	14:41:34	D	25.90
99	HANUMANGARH	TIBI	AQUA	29.60400	74.41400	14:41:34	D	14.80
100	HANUMANGARH	TIBI	AQUA	29.66500	74.54600	14:41:34	D	5.90
101	UDAIPUR	VALLABHNAGAR	AQUA	24.60800	74.07200	14:41:34	D	7.50

Details of residue burning events in Madhya Pradesh on 23-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.54255	77.81457	13:40:06	D	2.90
2	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.54314	77.81932	13:40:06	D	2.90
3	ASHOKNAGAR	ISAGARH	S-NPP	24.67355	77.79179	13:40:06	D	6.60
4	ASHOKNAGAR	MUNGAOLI	S-NPP	24.31293	77.97935	13:40:06	D	2.90
5	ASHOKNAGAR	MUNGAOLI	S-NPP	24.33705	77.91896	13:40:06	D	10.10
6	ASHOKNAGAR	MUNGAOLI	AQUA	24.31000	77.96000	14:41:34	D	6.20
7	BHIND	GOHAD	S-NPP	26.45901	78.25182	13:40:06	D	2.00
8	BHIND	GOHAD	S-NPP	26.47121	78.28801	13:40:06	D	7.10
9	BHIND	GOHAD	S-NPP	26.47960	78.25965	13:40:06	D	3.30
10	BHIND	GOHAD	S-NPP	26.48024	78.26498	13:40:06	D	4.80
11	BHIND	GOHAD	S-NPP	26.48926	78.27452	13:40:06	D	10.90
12	BHIND	GOHAD	S-NPP	26.48927	78.43912	13:40:06	D	2.70
13	BHIND	GOHAD	S-NPP	26.52565	78.41173	13:40:06	D	21.30
14	BHIND	GOHAD	AQUA	26.36700	78.34900	14:41:34	D	9.70
15	BHIND	GOHAD	AQUA	26.37800	78.34800	14:41:34	D	8.60
16	BHIND	GOHAD	AQUA	26.50200	78.34200	14:41:34	D	8.80
17	BHIND	MAHGAWAN	S-NPP	26.49968	78.49322	13:40:06	D	8.50
18	BHIND	MAHGAWAN	S-NPP	26.52255	78.42059	13:40:06	D	12.40
19	BHIND	MAHGAWAN	S-NPP	26.52307	78.42316	13:40:06	D	4.00
20	BHOPAL	BERASIYA	S-NPP	23.61040	77.54356	13:40:06	D	2.10
21	BHOPAL	HUZUR	S-NPP	23.12731	77.42402	13:40:06	D	3.00
22	BURHANPUR	BURHANPUR	S-NPP	21.29058	76.19015	13:40:06	D	2.10
23	CHHATARPUR	RAJNAGAR	S-NPP	24.81832	79.77081	02:30:49	N	0.20
24	CHHATARPUR	RAJNAGAR	S-NPP	24.81981	79.77128	02:30:49	N	0.20
25	DAMOH	DAMOH	S-NPP	23.76984	79.55064	13:40:06	D	1.40
26	DATIA	BHANDER	S-NPP	25.63403	78.72393	13:40:06	D	2.90
27	DATIA	BHANDER	S-NPP	25.87745	78.83691	13:40:06	D	4.20
28	DATIA	BHANDER	S-NPP	25.88207	78.84196	13:40:06	D	5.00
29	DATIA	BHANDER	S-NPP	25.90467	78.63337	13:40:06	D	7.80

30	DATIA	BHANDER	S-NPP	25.90492	78.63046	13:40:06	D	5.00
31	DATIA	BHANDER	S-NPP	25.91040	78.77545	13:40:06	D	7.50
32	DATIA	BHANDER	S-NPP	25.91235	78.75822	13:40:06	D	4.30
33	DATIA	BHANDER	S-NPP	25.91364	78.67672	13:40:06	D	5.10
34	DATIA	BHANDER	S-NPP	25.91616	78.69022	13:40:06	D	4.90
35	DATIA	BHANDER	S-NPP	25.91793	78.74917	13:40:06	D	5.30
36	DATIA	BHANDER	S-NPP	25.91816	78.70675	13:40:06	D	3.90
37	DATIA	BHANDER	S-NPP	25.91884	78.68719	13:40:06	D	7.10
38	DATIA	BHANDER	S-NPP	25.91890	78.74601	13:40:06	D	7.70
39	DATIA	BHANDER	S-NPP	25.92138	78.70928	13:40:06	D	8.70
40	DATIA	BHANDER	S-NPP	25.92416	78.66403	13:40:06	D	5.40
41	DATIA	BHANDER	S-NPP	25.92479	78.66953	13:40:06	D	9.30
42	DATIA	BHANDER	S-NPP	25.92527	78.66656	13:40:06	D	6.10
43	DATIA	BHANDER	S-NPP	25.92594	78.67204	13:40:06	D	6.10
44	DATIA	BHANDER	S-NPP	25.92773	78.76472	13:40:06	D	6.60
45	DATIA	BHANDER	S-NPP	25.92805	78.72221	13:40:06	D	8.50
46	DATIA	BHANDER	S-NPP	25.92880	78.76155	13:40:06	D	5.10
47	DATIA	BHANDER	S-NPP	25.93052	78.71921	13:40:06	D	5.80
48	DATIA	BHANDER	AQUA	25.92500	78.71200	14:41:34	D	16.50
49	DATIA	DATIA	S-NPP	25.65042	78.66048	13:40:06	D	3.90
50	DATIA	DATIA	S-NPP	25.70392	78.34608	13:40:06	D	2.60
51	DATIA	DATIA	S-NPP	25.74366	78.38312	13:40:06	D	4.50
52	DATIA	DATIA	S-NPP	25.79866	78.43737	13:40:06	D	6.10
53	DATIA	SEONDHA	S-NPP	25.82732	78.61381	13:40:06	D	3.70
54	DATIA	SEONDHA	S-NPP	25.84953	78.56648	13:40:06	D	15.10
55	DATIA	SEONDHA	S-NPP	25.85733	78.56537	13:40:06	D	5.80
56	DATIA	SEONDHA	S-NPP	25.88011	78.62290	13:40:06	D	3.30
57	DATIA	SEONDHA	S-NPP	25.88466	78.59457	13:40:06	D	2.90
58	DATIA	SEONDHA	S-NPP	25.92009	78.68967	13:40:06	D	4.90
59	DATIA	SEONDHA	S-NPP	25.93382	78.71312	13:40:06	D	5.80
60	DATIA	SEONDHA	S-NPP	25.93712	78.70702	13:40:06	D	3.00
61	DATIA	SEONDHA	S-NPP	25.97126	78.65730	13:40:06	D	9.10
62	DATIA	SEONDHA	S-NPP	25.97387	78.67933	13:40:06	D	3.40

63	DATIA	SEONDHA	S-NPP	26.01590	78.72962	13:40:06	D	5.80
64	DATIA	SEONDHA	S-NPP	26.01841	78.65482	13:40:06	D	6.00
65	DATIA	SEONDHA	S-NPP	26.06092	78.67680	13:40:06	D	8.50
66	DATIA	SEONDHA	AQUA	25.84100	78.55700	14:41:34	D	22.30
67	DATIA	SEONDHA	AQUA	25.92300	78.69500	14:41:34	D	13.30
68	DATIA	SEONDHA	AQUA	25.96700	78.67200	14:41:34	D	14.40
69	DATIA	SEONDHA	AQUA	26.00800	78.62500	14:41:34	D	16.10
70	DATIA	SEONDHA	AQUA	26.01000	78.64200	14:41:34	D	8.70
71	DATIA	SEONDHA	AQUA	26.02900	78.70900	14:41:34	D	14.10
72	DHAR	MANAWAR	S-NPP	22.26385	75.13318	02:30:49	N	1.90
73	DINDORI	SHAPURA	S-NPP	23.15129	80.71642	13:40:06	D	2.10
74	EAST NIMAR	KHANDWA	S-NPP	21.98747	76.31812	13:40:06	D	2.10
75	GUNA	GUNA	S-NPP	24.61429	77.47282	13:40:06	D	2.90
76	GUNA	GUNA	S-NPP	24.74263	77.15478	13:40:06	D	4.30
77	GUNA	GUNA	AQUA	24.84200	77.04800	14:41:34	D	9.10
78	GWALIOR	BHITARWAR	S-NPP	25.72320	78.12216	13:40:06	D	11.80
79	GWALIOR	BHITARWAR	S-NPP	25.73267	78.10513	13:40:06	D	8.40
80	GWALIOR	BHITARWAR	S-NPP	25.73673	78.11230	13:40:06	D	7.00
81	GWALIOR	BHITARWAR	S-NPP	25.73775	78.11480	13:40:06	D	6.60
82	GWALIOR	BHITARWAR	S-NPP	25.73930	78.10149	13:40:06	D	5.30
83	GWALIOR	BHITARWAR	S-NPP	25.74026	78.10401	13:40:06	D	6.70
84	GWALIOR	BHITARWAR	S-NPP	25.74371	78.10606	13:40:06	D	3.20
85	GWALIOR	BHITARWAR	S-NPP	25.77497	77.98271	13:40:06	D	5.50
86	GWALIOR	BHITARWAR	S-NPP	25.81774	78.04845	13:40:06	D	3.70
87	GWALIOR	BHITARWAR	S-NPP	25.83488	78.03775	13:40:06	D	4.60
88	GWALIOR	BHITARWAR	S-NPP	25.83603	78.04057	13:40:06	D	4.50
89	GWALIOR	BHITARWAR	S-NPP	25.83670	78.07675	13:40:06	D	3.30
90	GWALIOR	BHITARWAR	S-NPP	25.83892	77.97523	13:40:06	D	10.60
91	GWALIOR	BHITARWAR	S-NPP	25.83908	77.97312	13:40:06	D	11.40
92	GWALIOR	BHITARWAR	S-NPP	25.86587	78.00726	13:40:06	D	5.50
93	GWALIOR	BHITARWAR	S-NPP	25.87328	78.06833	13:40:06	D	6.80
94	GWALIOR	BHITARWAR	S-NPP	25.87707	78.06776	13:40:06	D	5.20
95	GWALIOR	BHITARWAR	S-NPP	25.88086	78.06719	13:40:06	D	5.20

96	GWALIOR	BHITARWAR	S-NPP	25.89100	78.05527	13:40:06	D	2.60
97	GWALIOR	BHITARWAR	S-NPP	25.90993	78.08371	13:40:06	D	8.80
98	GWALIOR	BHITARWAR	S-NPP	25.90995	78.05243	13:40:06	D	5.40
99	GWALIOR	BHITARWAR	S-NPP	25.91053	78.12016	13:40:06	D	2.70
100	GWALIOR	BHITARWAR	S-NPP	25.91434	78.11960	13:40:06	D	6.20
101	GWALIOR	BHITARWAR	S-NPP	25.92005	78.10306	13:40:06	D	2.60
102	GWALIOR	BHITARWAR	S-NPP	25.92069	78.01453	13:40:06	D	4.20
103	GWALIOR	BHITARWAR	S-NPP	25.93337	78.17980	13:40:06	D	7.60
104	GWALIOR	BHITARWAR	S-NPP	25.94291	78.19419	13:40:06	D	5.80
105	GWALIOR	BHITARWAR	S-NPP	25.94355	78.19938	13:40:06	D	7.60
106	GWALIOR	BHITARWAR	S-NPP	25.94952	78.06562	13:40:06	D	8.00
107	GWALIOR	BHITARWAR	S-NPP	25.94979	78.06217	13:40:06	D	11.20
108	GWALIOR	BHITARWAR	S-NPP	25.95812	78.12880	13:40:06	D	4.00
109	GWALIOR	BHITARWAR	S-NPP	25.95867	78.07126	13:40:06	D	4.10
110	GWALIOR	BHITARWAR	S-NPP	25.96126	78.13182	13:40:06	D	6.30
111	GWALIOR	BHITARWAR	S-NPP	25.96193	78.12823	13:40:06	D	2.30
112	GWALIOR	BHITARWAR	S-NPP	25.96221	78.20549	13:40:06	D	1.60
113	GWALIOR	BHITARWAR	S-NPP	25.97301	78.03609	13:40:06	D	4.10
114	GWALIOR	BHITARWAR	S-NPP	25.98121	78.04004	13:40:06	D	4.10
115	GWALIOR	BHITARWAR	S-NPP	25.98466	78.16520	13:40:06	D	2.90
116	GWALIOR	BHITARWAR	AQUA	25.73200	78.10800	14:41:34	D	19.70
117	GWALIOR	BHITARWAR	AQUA	25.75700	78.09700	14:41:34	D	12.70
118	GWALIOR	BHITARWAR	AQUA	25.84800	78.00100	14:41:34	D	13.30
119	GWALIOR	BHITARWAR	AQUA	25.86600	78.06100	14:41:34	D	23.80
120	GWALIOR	BHITARWAR	AQUA	25.90000	78.07200	14:41:34	D	16.90
121	GWALIOR	BHITARWAR	AQUA	25.92300	78.04600	14:41:34	D	17.90
122	GWALIOR	BHITARWAR	AQUA	25.92900	78.03700	14:41:34	D	17.20
123	GWALIOR	BHITARWAR	AQUA	25.94600	78.15400	14:41:34	D	12.90
124	GWALIOR	BHITARWAR	AQUA	25.95700	78.15200	14:41:34	D	10.00
125	GWALIOR	DABRA	S-NPP	25.83998	78.25990	13:40:06	D	6.00
126	GWALIOR	DABRA	S-NPP	25.85341	78.27386	13:40:06	D	9.20
127	GWALIOR	DABRA	S-NPP	25.85576	78.18073	13:40:06	D	5.00
128	GWALIOR	DABRA	S-NPP	25.86158	78.18282	13:40:06	D	7.00

129	GWALIOR	DABRA	S-NPP	25.86190	78.23258	13:40:06	D	2.80
130	GWALIOR	DABRA	S-NPP	25.86237	78.26967	13:40:06	D	4.70
131	GWALIOR	DABRA	S-NPP	25.86401	78.18478	13:40:06	D	15.20
132	GWALIOR	DABRA	S-NPP	25.86540	78.18226	13:40:06	D	7.00
133	GWALIOR	DABRA	S-NPP	25.86573	78.23202	13:40:06	D	6.30
134	GWALIOR	DABRA	S-NPP	25.86740	78.22941	13:40:06	D	5.70
135	GWALIOR	DABRA	S-NPP	25.86832	78.22107	13:40:06	D	7.10
136	GWALIOR	DABRA	S-NPP	25.87299	78.16241	13:40:06	D	4.40
137	GWALIOR	DABRA	S-NPP	25.88104	78.22975	13:40:06	D	17.00
138	GWALIOR	DABRA	S-NPP	25.90469	78.19984	13:40:06	D	1.90
139	GWALIOR	DABRA	S-NPP	25.91165	78.22520	13:40:06	D	9.70
140	GWALIOR	DABRA	S-NPP	25.91539	78.28854	13:40:06	D	6.70
141	GWALIOR	DABRA	S-NPP	25.91607	78.26175	13:40:06	D	4.80
142	GWALIOR	DABRA	S-NPP	25.91927	78.25594	13:40:06	D	4.80
143	GWALIOR	DABRA	S-NPP	25.91987	78.29322	13:40:06	D	8.10
144	GWALIOR	DABRA	S-NPP	25.92184	78.24491	13:40:06	D	9.00
145	GWALIOR	DABRA	S-NPP	25.92311	78.25539	13:40:06	D	4.50
146	GWALIOR	DABRA	S-NPP	25.93014	78.24902	13:40:06	D	4.50
147	GWALIOR	DABRA	S-NPP	25.94034	78.33306	13:40:06	D	4.00
148	GWALIOR	DABRA	S-NPP	25.94356	78.26302	13:40:06	D	4.70
149	GWALIOR	DABRA	S-NPP	25.94676	78.25723	13:40:06	D	2.40
150	GWALIOR	DABRA	S-NPP	25.95831	78.31969	13:40:06	D	11.50
151	GWALIOR	DABRA	S-NPP	25.96468	78.27591	13:40:06	D	13.40
152	GWALIOR	DABRA	S-NPP	25.96662	78.29165	13:40:06	D	4.30
153	GWALIOR	DABRA	S-NPP	25.96792	78.30218	13:40:06	D	3.20
154	GWALIOR	DABRA	S-NPP	25.97696	78.34384	13:40:06	D	2.10
155	GWALIOR	DABRA	S-NPP	26.00305	78.49221	13:40:06	D	2.40
156	GWALIOR	DABRA	S-NPP	26.01492	78.32054	13:40:06	D	5.40
157	GWALIOR	DABRA	S-NPP	26.03233	78.23759	13:40:06	D	5.70
158	GWALIOR	DABRA	AQUA	25.85100	78.34000	14:41:34	D	10.90
159	GWALIOR	DABRA	AQUA	25.85500	78.27500	14:41:34	D	9.80
160	GWALIOR	DABRA	AQUA	25.87200	78.21900	14:41:34	D	11.00
161	GWALIOR	DABRA	AQUA	25.91200	78.27800	14:41:34	D	12.50

162	GWALIOR	DABRA	AQUA	25.95800	78.26500	14:41:34	D	8.10
163	GWALIOR	DABRA	AQUA	25.96000	78.28100	14:41:34	D	9.70
164	GWALIOR	GWALIOR	S-NPP	25.97741	78.04061	13:40:06	D	3.80
165	GWALIOR	GWALIOR	S-NPP	26.33288	78.35863	13:40:06	D	4.20
166	GWALIOR	GWALIOR	S-NPP	26.34077	78.29220	13:40:06	D	5.60
167	HOSHANGABAD	BABAI	S-NPP	22.68285	78.05030	13:40:06	D	3.60
168	HOSHANGABAD	BABAI	S-NPP	22.68530	78.04061	13:40:06	D	4.40
169	HOSHANGABAD	BANKHERI	S-NPP	22.72437	78.48886	13:40:06	D	2.30
170	HOSHANGABAD	BANKHERI	S-NPP	22.74660	78.63397	13:40:06	D	4.80
171	HOSHANGABAD	BANKHERI	S-NPP	22.90702	78.47585	13:40:06	D	7.20
172	HOSHANGABAD	BANKHERI	S-NPP	22.91927	78.54333	13:40:06	D	3.10
173	HOSHANGABAD	ITARSI	S-NPP	22.52343	77.68401	13:40:06	D	10.80
174	HOSHANGABAD	PIPARIYA	S-NPP	22.70676	78.32150	13:40:06	D	5.50
175	HOSHANGABAD	PIPARIYA	S-NPP	22.71209	78.42227	13:40:06	D	5.20
176	HOSHANGABAD	PIPARIYA	S-NPP	22.72031	78.33879	13:40:06	D	2.40
177	HOSHANGABAD	PIPARIYA	S-NPP	22.77540	78.41306	13:40:06	D	2.10
178	HOSHANGABAD	PIPARIYA	S-NPP	22.80734	78.44451	13:40:06	D	2.30
179	HOSHANGABAD	PIPARIYA	S-NPP	22.81107	78.44395	13:40:06	D	5.20
180	HOSHANGABAD	PIPARIYA	AQUA	22.85300	78.39400	14:41:34	D	10.50
181	HOSHANGABAD	SOHAGPUR	S-NPP	22.73273	78.26018	13:40:06	D	2.00
182	HOSHANGABAD	SOHAGPUR	S-NPP	22.84665	78.16409	13:40:06	D	3.50
183	JABALPUR	JABALPUR	S-NPP	22.99142	79.89132	13:40:06	D	4.00
184	JABALPUR	JABALPUR	S-NPP	23.05037	79.93459	13:40:06	D	7.50
185	JABALPUR	JABALPUR	S-NPP	23.08510	79.99321	13:40:06	D	2.10
186	JABALPUR	JABALPUR	S-NPP	23.14299	79.85082	13:40:06	D	4.80
187	JABALPUR	JABALPUR	S-NPP	23.17265	79.85857	13:40:06	D	2.50
188	JABALPUR	JABALPUR	S-NPP	23.17810	79.83427	13:40:06	D	2.10
189	JABALPUR	JABALPUR	S-NPP	23.22916	79.84698	13:40:06	D	5.60
190	JABALPUR	JABALPUR	S-NPP	23.24024	79.94049	13:40:06	D	4.60
191	JABALPUR	JABALPUR	S-NPP	23.25496	79.99448	13:40:06	D	3.90
192	JABALPUR	JABALPUR	S-NPP	23.26681	79.98888	13:40:06	D	2.60
193	JABALPUR	JABALPUR	S-NPP	23.27030	79.94842	13:40:06	D	5.80
194	JABALPUR	JABALPUR	S-NPP	23.28713	79.96293	13:40:06	D	1.20

195	JABALPUR	JABALPUR	S-NPP	23.29132	79.89062	13:40:06	D	2.70
196	JABALPUR	JABALPUR	S-NPP	23.29402	79.91410	13:40:06	D	1.60
197	JABALPUR	JABALPUR	S-NPP	23.29946	79.92531	13:40:06	D	5.00
198	JABALPUR	JABALPUR	S-NPP	23.29948	79.88952	13:40:06	D	2.50
199	JABALPUR	JABALPUR	S-NPP	23.30492	79.93656	13:40:06	D	2.10
200	JABALPUR	JABALPUR	S-NPP	23.30583	79.83725	13:40:06	D	4.60
201	JABALPUR	JABALPUR	S-NPP	23.31083	79.91581	13:40:06	D	2.70
202	JABALPUR	JABALPUR	S-NPP	23.31764	79.90295	13:40:06	D	3.40
203	JABALPUR	JABALPUR	S-NPP	23.31810	79.90687	13:40:06	D	5.50
204	JABALPUR	JABALPUR	S-NPP	23.31856	79.91079	13:40:06	D	5.50
205	JABALPUR	JABALPUR	S-NPP	23.32127	79.89849	13:40:06	D	3.40
206	JABALPUR	JABALPUR	S-NPP	23.32173	79.90240	13:40:06	D	3.40
207	JABALPUR	JABALPUR	S-NPP	23.32635	79.97774	13:40:06	D	14.50
208	JABALPUR	JABALPUR	S-NPP	23.32815	79.95744	13:40:06	D	2.60
209	JABALPUR	JABALPUR	S-NPP	23.34402	79.91531	13:40:06	D	2.80
210	JABALPUR	JABALPUR	S-NPP	23.34448	79.91924	13:40:06	D	3.70
211	JABALPUR	JABALPUR	S-NPP	23.38006	79.93846	13:40:06	D	3.00
212	JABALPUR	JABALPUR	AQUA	23.26400	79.93500	14:41:34	D	17.80
213	JABALPUR	JABALPUR	AQUA	23.30800	79.96200	14:41:34	D	16.50
214	JABALPUR	MAJHOULI	S-NPP	23.37563	79.97110	13:40:06	D	3.20
215	JABALPUR	MAJHOULI	S-NPP	23.37658	79.97903	13:40:06	D	8.20
216	JABALPUR	MAJHOULI	S-NPP	23.38243	79.95818	13:40:06	D	5.20
217	JABALPUR	MAJHOULI	S-NPP	23.39351	79.95690	13:40:06	D	3.10
218	JABALPUR	MAJHOULI	S-NPP	23.39396	79.96085	13:40:06	D	4.90
219	JABALPUR	MAJHOULI	S-NPP	23.39521	79.96046	13:40:06	D	2.90
220	JABALPUR	MAJHOULI	S-NPP	23.39712	79.98861	13:40:06	D	16.60
221	JABALPUR	MAJHOULI	S-NPP	23.39855	79.98818	13:40:06	D	16.00
222	JABALPUR	MAJHOULI	S-NPP	23.41495	79.96204	13:40:06	D	7.30
223	JABALPUR	MAJHOULI	S-NPP	23.42225	80.02570	13:40:06	D	4.00
224	JABALPUR	MAJHOULI	S-NPP	23.43678	79.89893	13:40:06	D	4.40
225	JABALPUR	MAJHOULI	S-NPP	23.44232	79.94628	13:40:06	D	3.00
226	JABALPUR	MAJHOULI	S-NPP	23.44798	80.06702	13:40:06	D	6.30
227	JABALPUR	MAJHOULI	S-NPP	23.45118	80.05843	13:40:06	D	2.70

228	JABALPUR	MAJHOULI	S-NPP	23.45164	80.06245	13:40:06	D	2.70
229	JABALPUR	MAJHOULI	S-NPP	23.45385	80.00927	13:40:06	D	3.80
230	JABALPUR	MAJHOULI	S-NPP	23.45518	79.98482	13:40:06	D	4.40
231	JABALPUR	MAJHOULI	S-NPP	23.45538	79.88044	13:40:06	D	6.60
232	JABALPUR	MAJHOULI	S-NPP	23.46087	79.89165	13:40:06	D	7.10
233	JABALPUR	MAJHOULI	S-NPP	23.46762	80.01960	13:40:06	D	10.50
234	JABALPUR	MAJHOULI	S-NPP	23.47905	80.00994	13:40:06	D	17.20
235	JABALPUR	MAJHOULI	S-NPP	23.48365	80.01339	13:40:06	D	18.80
236	JABALPUR	MAJHOULI	S-NPP	23.49475	80.03625	13:40:06	D	3.30
237	JABALPUR	MAJHOULI	S-NPP	23.50158	80.02318	13:40:06	D	2.50
238	JABALPUR	MAJHOULI	S-NPP	23.50345	80.02280	13:40:06	D	3.80
239	JABALPUR	MAJHOULI	S-NPP	23.50523	80.01863	13:40:06	D	5.30
240	JABALPUR	MAJHOULI	S-NPP	23.50713	80.01823	13:40:06	D	3.80
241	JABALPUR	MAJHOULI	S-NPP	23.51999	79.98399	13:40:06	D	3.20
242	JABALPUR	MAJHOULI	S-NPP	23.52046	79.95161	13:40:06	D	5.70
243	JABALPUR	MAJHOULI	S-NPP	23.56604	79.91321	13:40:06	D	4.90
244	JABALPUR	MAJHOULI	S-NPP	23.57754	79.93983	13:40:06	D	4.90
245	JABALPUR	MAJHOULI	S-NPP	23.57848	79.94777	13:40:06	D	11.00
246	JABALPUR	MAJHOULI	S-NPP	23.58070	79.93132	13:40:06	D	8.30
247	JABALPUR	MAJHOULI	AQUA	23.42700	79.97900	14:41:34	D	12.40
248	JABALPUR	MAJHOULI	AQUA	23.45900	80.05200	14:41:34	D	16.80
249	JABALPUR	MAJHOULI	AQUA	23.57400	79.93500	14:41:34	D	25.80
250	JABALPUR	MAJHOULI	AQUA	23.57900	79.92700	14:41:34	D	18.90
251	JABALPUR	PATAN	S-NPP	23.19436	79.79685	13:40:06	D	17.80
252	JABALPUR	PATAN	S-NPP	23.19975	79.77271	13:40:06	D	4.70
253	JABALPUR	PATAN	S-NPP	23.21400	79.68560	13:40:06	D	8.20
254	JABALPUR	PATAN	S-NPP	23.22051	79.80891	13:40:06	D	16.00
255	JABALPUR	PATAN	S-NPP	23.22343	79.69588	13:40:06	D	3.10
256	JABALPUR	PATAN	S-NPP	23.22672	79.75737	13:40:06	D	7.60
257	JABALPUR	PATAN	S-NPP	23.22976	79.71432	13:40:06	D	1.80
258	JABALPUR	PATAN	S-NPP	23.23185	79.83482	13:40:06	D	3.10
259	JABALPUR	PATAN	S-NPP	23.23978	79.76338	13:40:06	D	2.50
260	JABALPUR	PATAN	S-NPP	23.24660	79.78584	13:40:06	D	9.20

261	JABALPUR	PATAN	S-NPP	23.25132	79.72298	13:40:06	D	3.00
262	JABALPUR	PATAN	S-NPP	23.26329	79.78748	13:40:06	D	2.90
263	JABALPUR	PATAN	S-NPP	23.26766	79.85754	13:40:06	D	10.20
264	JABALPUR	PATAN	S-NPP	23.27430	79.60667	02:30:49	N	0.90
265	JABALPUR	PATAN	S-NPP	23.27695	79.80186	13:40:06	D	9.10
266	JABALPUR	PATAN	S-NPP	23.27707	79.69675	13:40:06	D	3.90
267	JABALPUR	PATAN	S-NPP	23.27926	79.75076	13:40:06	D	3.60
268	JABALPUR	PATAN	S-NPP	23.28554	79.76939	13:40:06	D	4.90
269	JABALPUR	PATAN	S-NPP	23.28593	79.84389	13:40:06	D	3.90
270	JABALPUR	PATAN	S-NPP	23.29229	79.79195	13:40:06	D	3.70
271	JABALPUR	PATAN	S-NPP	23.29320	79.76445	13:40:06	D	3.50
272	JABALPUR	PATAN	S-NPP	23.29365	79.73324	13:40:06	D	0.80
273	JABALPUR	PATAN	S-NPP	23.29499	79.81511	13:40:06	D	2.80
274	JABALPUR	PATAN	S-NPP	23.30175	79.76718	13:40:06	D	4.70
275	JABALPUR	PATAN	S-NPP	23.30221	79.77103	13:40:06	D	4.70
276	JABALPUR	PATAN	S-NPP	23.31349	79.79689	13:40:06	D	10.80
277	JABALPUR	PATAN	S-NPP	23.33786	79.79360	13:40:06	D	15.50
278	JABALPUR	PATAN	S-NPP	23.34958	79.78809	13:40:06	D	4.10
279	JABALPUR	PATAN	S-NPP	23.35364	79.78754	13:40:06	D	5.40
280	JABALPUR	PATAN	S-NPP	23.35410	79.79140	13:40:06	D	12.80
281	JABALPUR	PATAN	S-NPP	23.35503	79.79912	13:40:06	D	4.60
282	JABALPUR	PATAN	S-NPP	23.36022	79.73975	13:40:06	D	6.20
283	JABALPUR	PATAN	S-NPP	23.36069	79.74358	13:40:06	D	6.00
284	JABALPUR	PATAN	S-NPP	23.36115	79.74741	13:40:06	D	6.00
285	JABALPUR	PATAN	S-NPP	23.36202	79.85730	13:40:06	D	4.70
286	JABALPUR	PATAN	S-NPP	23.36409	79.80576	13:40:06	D	1.70
287	JABALPUR	PATAN	S-NPP	23.36516	79.84896	13:40:06	D	2.50
288	JABALPUR	PATAN	S-NPP	23.36567	79.75071	13:40:06	D	6.50
289	JABALPUR	PATAN	S-NPP	23.36582	79.75067	13:40:06	D	6.10
290	JABALPUR	PATAN	S-NPP	23.36972	79.75015	13:40:06	D	6.50
291	JABALPUR	PATAN	S-NPP	23.36987	79.75011	13:40:06	D	6.10
292	JABALPUR	PATAN	S-NPP	23.38734	79.83022	13:40:06	D	1.70
293	JABALPUR	PATAN	AQUA	23.19400	79.80000	14:41:34	D	18.50

294	JABALPUR	PATAN	AQUA	23.22000	79.86500	14:41:34	D	32.00
295	JABALPUR	PATAN	AQUA	23.26800	79.74700	14:41:34	D	19.90
296	JABALPUR	PATAN	AQUA	23.27000	79.76500	14:41:34	D	29.50
297	JABALPUR	PATAN	AQUA	23.27500	79.75900	14:41:34	D	30.00
298	JABALPUR	PATAN	AQUA	23.28800	79.81900	14:41:34	D	15.20
299	JABALPUR	PATAN	AQUA	23.33300	79.84500	14:41:34	D	12.00
300	JABALPUR	SAHPURA	S-NPP	23.15102	79.56744	13:40:06	D	3.30
301	JABALPUR	SAHPURA	S-NPP	23.15851	79.70092	13:40:06	D	5.90
302	JABALPUR	SAHPURA	S-NPP	23.17553	79.67166	13:40:06	D	4.90
303	JABALPUR	SAHPURA	S-NPP	23.18082	79.82214	13:40:06	D	12.70
304	JABALPUR	SAHPURA	S-NPP	23.18100	79.58030	13:40:06	D	6.10
305	JABALPUR	SAHPURA	S-NPP	23.18489	79.82158	13:40:06	D	8.50
306	JABALPUR	SAHPURA	S-NPP	23.18536	79.65116	13:40:06	D	13.30
307	JABALPUR	SAHPURA	S-NPP	23.18715	79.66624	13:40:06	D	3.60
308	JABALPUR	SAHPURA	S-NPP	23.18806	79.70844	13:40:06	D	3.00
309	JABALPUR	SAHPURA	S-NPP	23.18938	79.65060	13:40:06	D	7.80
310	JABALPUR	SAHPURA	S-NPP	23.19570	79.77327	13:40:06	D	4.70
311	JABALPUR	SAHPURA	AQUA	23.13600	79.71600	14:41:34	D	12.20
312	JABALPUR	SAHPURA	AQUA	23.13800	79.73400	14:41:34	D	25.40
313	JABALPUR	SAHPURA	AQUA	23.19000	79.76400	14:41:34	D	22.10
314	JABALPUR	SAHPURA	AQUA	23.19200	79.78200	14:41:34	D	23.40
315	JABALPUR	SIHORA	S-NPP	23.36134	80.09854	13:40:06	D	6.10
316	JABALPUR	SIHORA	S-NPP	23.38359	80.29032	13:40:06	D	8.00
317	JABALPUR	SIHORA	S-NPP	23.40323	80.09715	13:40:06	D	1.70
318	JABALPUR	SIHORA	S-NPP	23.40806	80.01139	13:40:06	D	6.20
319	JABALPUR	SIHORA	S-NPP	23.40967	80.18684	13:40:06	D	4.20
320	JABALPUR	SIHORA	S-NPP	23.41173	80.00684	13:40:06	D	4.10
321	JABALPUR	SIHORA	S-NPP	23.41658	80.19887	13:40:06	D	2.80
322	JABALPUR	SIHORA	S-NPP	23.41849	80.18984	13:40:06	D	2.40
323	JABALPUR	SIHORA	S-NPP	23.42224	80.06232	13:40:06	D	3.00
324	JABALPUR	SIHORA	S-NPP	23.42354	80.18550	13:40:06	D	3.20
325	JABALPUR	SIHORA	S-NPP	23.42509	80.20972	13:40:06	D	8.90
326	JABALPUR	SIHORA	S-NPP	23.42630	80.21004	13:40:06	D	8.20

327	JABALPUR	SIHORA	S-NPP	23.42909	80.19720	13:40:06	D	5.10
328	JABALPUR	SIHORA	S-NPP	23.43140	80.21769	13:40:06	D	4.90
329	JABALPUR	SIHORA	S-NPP	23.43417	80.24236	13:40:06	D	6.40
330	JABALPUR	SIHORA	S-NPP	23.43558	80.17975	13:40:06	D	6.30
331	JABALPUR	SIHORA	S-NPP	23.44066	80.15011	13:40:06	D	4.10
332	JABALPUR	SIHORA	S-NPP	23.44718	80.24482	13:40:06	D	3.60
333	JABALPUR	SIHORA	S-NPP	23.44805	80.14088	13:40:06	D	4.10
334	JABALPUR	SIHORA	S-NPP	23.44851	80.14494	13:40:06	D	4.10
335	JABALPUR	SIHORA	S-NPP	23.44898	80.14899	13:40:06	D	8.80
336	JABALPUR	SIHORA	S-NPP	23.44996	80.23191	13:40:06	D	3.40
337	JABALPUR	SIHORA	S-NPP	23.45087	80.20263	13:40:06	D	2.20
338	JABALPUR	SIHORA	S-NPP	23.45314	80.14845	13:40:06	D	8.20
339	JABALPUR	SIHORA	S-NPP	23.45360	80.15250	13:40:06	D	8.20
340	JABALPUR	SIHORA	S-NPP	23.45414	80.23136	13:40:06	D	8.90
341	JABALPUR	SIHORA	S-NPP	23.45683	80.14383	13:40:06	D	5.60
342	JABALPUR	SIHORA	S-NPP	23.45765	80.07800	13:40:06	D	2.50
343	JABALPUR	SIHORA	S-NPP	23.46104	80.18050	13:40:06	D	1.90
344	JABALPUR	SIHORA	S-NPP	23.46179	80.07744	13:40:06	D	17.80
345	JABALPUR	SIHORA	S-NPP	23.46819	80.06022	13:40:06	D	3.30
346	JABALPUR	SIHORA	S-NPP	23.47101	80.08440	13:40:06	D	30.90
347	JABALPUR	SIHORA	S-NPP	23.47232	80.05967	13:40:06	D	3.30
348	JABALPUR	SIHORA	AQUA	23.44500	80.15200	14:41:34	D	30.50
349	JABALPUR	SIHORA	AQUA	23.46100	80.07100	14:41:34	D	43.40
350	JABALPUR	SIHORA	AQUA	23.50400	80.12500	14:41:34	D	13.40
351	KATNI	BAHURIBAND	S-NPP	23.60952	80.03290	13:40:06	D	1.80
352	KATNI	BAHURIBAND	S-NPP	23.61809	80.05250	13:40:06	D	2.10
353	KATNI	BAHURIBAND	S-NPP	23.62228	80.01510	13:40:06	D	4.60
354	KATNI	BAHURIBAND	S-NPP	23.64986	80.07289	13:40:06	D	7.20
355	KATNI	BAHURIBAND	S-NPP	23.65218	80.09319	13:40:06	D	1.90
356	KATNI	BAHURIBAND	S-NPP	23.65357	80.10539	13:40:06	D	3.00
357	KATNI	BAHURIBAND	S-NPP	23.67482	80.10666	13:40:06	D	3.80
358	KATNI	BAHURIBAND	S-NPP	23.67841	80.06474	13:40:06	D	3.50
359	KATNI	BAHURIBAND	S-NPP	23.67898	80.10609	13:40:06	D	7.20

360	KATNI	BAHURIBAND	S-NPP	23.68963	79.98106	13:40:06	D	2.50
361	KATNI	BARBARA	S-NPP	23.79513	80.62824	13:40:06	D	3.90
362	KATNI	BARHI	S-NPP	23.71157	80.83215	13:40:06	D	5.20
363	KATNI	DHIMERKHEDA	S-NPP	23.47287	80.32130	13:40:06	D	3.20
364	KATNI	DHIMERKHEDA	S-NPP	23.48120	80.28225	13:40:06	D	2.60
365	KATNI	DHIMERKHEDA	S-NPP	23.52217	80.26842	13:40:06	D	5.20
366	KATNI	DHIMERKHEDA	AQUA	23.46200	80.31100	14:41:34	D	14.90
367	KATNI	RITHI	S-NPP	23.89013	80.00886	13:40:06	D	3.60
368	MANDLA	NAINPUR	S-NPP	22.41273	80.21781	13:40:06	D	3.20
369	MANDLA	NAINPUR	S-NPP	22.48436	80.06188	13:40:06	D	1.50
370	MANDLA	NAINPUR	S-NPP	22.49436	80.07623	13:40:06	D	3.00
371	MANDLA	NAINPUR	S-NPP	22.52564	80.06013	13:40:06	D	1.70
372	MORENA	MORENA	S-NPP	26.46029	78.26247	13:40:06	D	6.10
373	NARSHIMAPURA	GADARWARA	S-NPP	22.99190	78.51288	13:40:06	D	3.40
374	NARSHIMAPURA	GOTECAON	S-NPP	22.97602	79.48936	13:40:06	D	12.50
375	NARSHIMAPURA	GOTECAON	S-NPP	22.97931	79.48334	13:40:06	D	3.10
376	NARSHIMAPURA	GOTECAON	S-NPP	23.01802	79.48666	13:40:06	D	5.20
377	NARSHIMAPURA	GOTECAON	S-NPP	23.02036	79.48888	13:40:06	D	7.10
378	NARSHIMAPURA	GOTECAON	S-NPP	23.04508	79.54460	13:40:06	D	6.50
379	NARSHIMAPURA	GOTECAON	S-NPP	23.05374	79.51530	13:40:06	D	11.80
380	NARSHIMAPURA	GOTECAON	AQUA	22.99900	79.50600	14:41:34	D	16.00
381	NARSHIMAPURA	GOTECAON	AQUA	23.06300	79.47500	14:41:34	D	33.10
382	NARSHIMAPURA	GOTECAON	AQUA	23.06500	79.46300	14:41:34	D	23.30
383	NARSHIMAPURA	GOTECAON	AQUA	23.06700	79.48000	14:41:34	D	19.60
384	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.77295	79.32693	13:40:06	D	5.90
385	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.77380	79.32867	13:40:06	D	4.20
386	PANNA	SHAHNAGAR	S-NPP	23.94919	79.95979	13:40:06	D	2.20
387	RAISEN	BAGAMGANJ	S-NPP	23.53886	78.58861	13:40:06	D	9.50
388	RAISEN	BARELI	S-NPP	22.85168	78.12682	13:40:06	D	2.00
389	RAISEN	BARELI	S-NPP	22.89523	78.08720	13:40:06	D	6.60
390	RAISEN	BARELI	S-NPP	22.89649	78.06815	13:40:06	D	5.90
391	RAISEN	BARELI	S-NPP	22.91114	78.06595	13:40:06	D	11.60
392	RAISEN	BARELI	S-NPP	22.94471	78.23692	13:40:06	D	4.30

393	RAISEN	BARELI	S-NPP	22.95210	78.23582	13:40:06	D	4.30
394	RAISEN	BARELI	S-NPP	22.95391	78.10676	13:40:06	D	1.20
395	RAISEN	BARELI	S-NPP	22.95695	78.10793	13:40:06	D	4.10
396	RAISEN	BARELI	S-NPP	23.02537	78.20261	13:40:06	D	3.40
397	RAISEN	BARELI	S-NPP	23.17955	77.99301	13:40:06	D	3.10
398	RAISEN	BARELI	AQUA	22.93600	77.96600	14:41:34	D	8.90
399	RAISEN	GOHARGANJ	S-NPP	22.96442	77.65258	13:40:06	D	4.30
400	RAISEN	GOHARGANJ	S-NPP	23.02028	77.62323	13:40:06	D	4.20
401	RAISEN	GOHARGANJ	S-NPP	23.02074	77.65482	13:40:06	D	2.60
402	RAISEN	GOHARGANJ	S-NPP	23.02086	77.62766	13:40:06	D	4.20
403	RAISEN	GOHARGANJ	S-NPP	23.03025	77.67149	13:40:06	D	9.90
404	RAISEN	GOHARGANJ	S-NPP	23.03231	77.60332	13:40:06	D	5.70
405	RAISEN	GOHARGANJ	S-NPP	23.04716	77.63268	13:40:06	D	2.60
406	RAISEN	GOHARGANJ	S-NPP	23.05236	77.45231	13:40:06	D	5.50
407	RAISEN	GOHARGANJ	S-NPP	23.05251	77.64543	13:40:06	D	4.10
408	RAISEN	GOHARGANJ	S-NPP	23.07957	77.57355	13:40:06	D	4.90
409	RAISEN	GOHARGANJ	S-NPP	23.08197	77.56417	13:40:06	D	3.30
410	RAISEN	GOHARGANJ	S-NPP	23.18230	77.61782	13:40:06	D	10.10
411	RAISEN	GOHARGANJ	S-NPP	23.19668	77.61562	13:40:06	D	3.00
412	RAISEN	GOHARGANJ	S-NPP	23.20456	77.58366	13:40:06	D	3.10
413	RAISEN	GOHARGANJ	S-NPP	23.21289	77.59144	13:40:06	D	2.10
414	RAISEN	GOHARGANJ	AQUA	22.96000	77.66000	14:41:34	D	6.80
415	RAISEN	GOHARGANJ	AQUA	23.04600	77.68700	14:41:34	D	8.20
416	RAISEN	GOHARGANJ	AQUA	23.05300	77.58900	14:41:34	D	6.10
417	RAISEN	RAISEN	S-NPP	23.20788	77.81089	13:40:06	D	2.80
418	RAISEN	RAISEN	S-NPP	23.51564	77.72623	13:40:06	D	3.10
419	RAISEN	RAISEN	S-NPP	23.51624	77.73078	13:40:06	D	3.10
420	RAISEN	RAISEN	AQUA	23.41000	77.82600	14:41:34	D	7.70
421	RAISEN	RAISEN	AQUA	23.50800	77.73100	14:41:34	D	6.50
422	RAISEN	SILVANI	S-NPP	23.25222	78.69330	13:40:06	D	4.00
423	RAISEN	SILVANI	S-NPP	23.26921	78.42928	13:40:06	D	3.40
424	SATNA	AMARPATAN	S-NPP	24.29692	81.02043	13:40:06	D	3.30
425	SATNA	AMARPATAN	S-NPP	24.40201	81.27737	13:40:06	D	3.60

426	SATNA	AMARPATAN	S-NPP	24.40319	81.27547	13:40:06	D	3.70
427	SATNA	AMARPATAN	S-NPP	24.47508	81.07526	13:40:06	D	2.90
428	SATNA	MAIHAR	S-NPP	24.36014	80.86308	13:40:06	D	2.70
429	SATNA	MAIHAR	S-NPP	24.36701	80.88582	13:40:06	D	4.50
430	SATNA	NAGOD	S-NPP	24.47550	80.45859	13:40:06	D	2.60
431	SATNA	NAGOD	S-NPP	24.52514	80.53448	13:40:06	D	1.80
432	SATNA	NAGOD	S-NPP	24.62784	80.45882	13:40:06	D	3.80
433	SATNA	NAGOD	S-NPP	24.63040	80.45779	13:40:06	D	4.40
434	SATNA	NAGOD	S-NPP	24.63419	80.60732	13:40:06	D	2.20
435	SATNA	NAGOD	S-NPP	24.63493	80.60811	13:40:06	D	3.10
436	SATNA	RAGURAJNAGAR	S-NPP	24.57762	80.90508	13:40:06	D	1.80
437	SATNA	RAGURAJNAGAR	S-NPP	24.73331	80.66000	13:40:06	D	1.90
438	SATNA	RAMPURBAGHLEAN	S-NPP	24.40519	80.86692	13:40:06	D	6.80
439	SATNA	RAMPURBAGHLEAN	S-NPP	24.52721	81.05432	13:40:06	D	1.80
440	SATNA	RAMPURBAGHLEAN	S-NPP	24.55922	81.09907	13:40:06	D	3.60
441	SATNA	RAMPURBAGHLEAN	S-NPP	24.56086	81.03072	13:40:06	D	2.70
442	SATNA	RAMPURBAGHLEAN	S-NPP	24.59461	81.15603	13:40:06	D	2.90
443	SATNA	RAMPURBAGHLEAN	S-NPP	24.70256	81.04077	13:40:06	D	2.60
444	SATNA	RAMPURBAGHLEAN	AQUA	24.63600	81.00800	14:41:34	D	17.00
445	SATNA	UCHAHAR	S-NPP	24.44742	80.80509	13:40:06	D	2.80
446	SATNA	UCHAHAR	S-NPP	24.45877	80.79052	13:40:06	D	3.60
447	SEHORE	BUDHNI	S-NPP	22.84806	77.98177	13:40:06	D	2.90
448	SEHORE	BUDHNI	S-NPP	22.85889	78.00813	13:40:06	D	2.50
449	SEHORE	BUDHNI	S-NPP	22.87790	77.95396	13:40:06	D	4.20
450	SEHORE	BUDHNI	S-NPP	22.88154	77.95341	13:40:06	D	4.20
451	SEHORE	BUDHNI	S-NPP	22.88930	78.01292	13:40:06	D	3.90
452	SEHORE	BUDHNI	S-NPP	22.90588	77.88486	13:40:06	D	1.80
453	SEHORE	BUDHNI	S-NPP	22.93522	77.93748	13:40:06	D	1.60
454	SEHORE	BUDHNI	S-NPP	22.94556	77.93124	13:40:06	D	3.40
455	SEHORE	BUDHNI	AQUA	22.90700	77.90200	14:41:34	D	10.40
456	SEONI	GHANSAUR	S-NPP	22.53881	79.85872	13:40:06	D	3.60
457	SEONI	GHANSAUR	S-NPP	22.53926	79.86252	13:40:06	D	6.90
458	SEONI	GHANSAUR	S-NPP	22.58189	79.87596	13:40:06	D	7.00

459	SEONI	LAKHNADOU	S-NPP	22.53064	79.32345	13:40:06	D	3.30
460	SEONI	SEONI	S-NPP	22.09789	79.45345	13:40:06	D	3.90
461	SHEOPUR	SHEOPUR	S-NPP	25.57623	76.67884	13:40:06	D	2.10
462	SHEOPUR	SHEOPUR	S-NPP	25.80161	76.64555	13:40:06	D	3.50
463	SHEOPUR	SHEOPUR	S-NPP	25.80219	76.64994	13:40:06	D	3.50
464	SHEOPUR	SHEOPUR	S-NPP	25.81049	76.63067	13:40:06	D	5.70
465	SHIVPURI	NARWAR	S-NPP	25.58240	78.09916	13:40:06	D	5.30
466	SHIVPURI	NARWAR	S-NPP	25.58718	78.26516	13:40:06	D	3.30
467	SHIVPURI	NARWAR	S-NPP	25.60629	78.26240	13:40:06	D	6.30
468	SHIVPURI	NARWAR	S-NPP	25.61012	78.26184	13:40:06	D	4.50
469	SHIVPURI	NARWAR	S-NPP	25.62530	78.07225	13:40:06	D	3.30
470	SHIVPURI	NARWAR	S-NPP	25.64488	78.24347	13:40:06	D	6.80
471	SHIVPURI	NARWAR	S-NPP	25.64641	78.24080	13:40:06	D	2.00
472	SHIVPURI	NARWAR	S-NPP	25.65803	78.12659	13:40:06	D	3.40
473	SHIVPURI	NARWAR	S-NPP	25.66101	78.18343	13:40:06	D	7.30
474	SHIVPURI	NARWAR	S-NPP	25.66296	78.16749	13:40:06	D	1.20
475	SHIVPURI	NARWAR	S-NPP	25.66430	78.14644	13:40:06	D	6.60
476	SHIVPURI	NARWAR	S-NPP	25.69098	78.08022	13:40:06	D	3.70
477	SHIVPURI	NARWAR	S-NPP	25.71621	78.22250	13:40:06	D	3.30
478	SHIVPURI	NARWAR	AQUA	25.68200	78.05200	14:41:34	D	9.50
479	UMARIA	BANDHOGARH	S-NPP	23.57720	80.61082	13:40:06	D	3.00
480	VIDESHA	GYARASPUR	S-NPP	23.70719	77.88824	13:40:06	D	2.80
481	VIDESHA	NATERAN	S-NPP	23.77569	77.78510	13:40:06	D	4.10
482	VIDESHA	VIDESHA	S-NPP	23.44821	77.91750	13:40:06	D	3.80
483	WEST NIMAR	BARWAH	S-NPP	22.11323	75.90288	13:40:06	D	2.90
484	WEST NIMAR	BARWAH	S-NPP	22.13106	75.93129	13:40:06	D	6.10
485	WEST NIMAR	KASRAWAD	S-NPP	21.95981	75.56381	13:40:06	D	1.30
486	WEST NIMAR	KASRAWAD	S-NPP	22.08853	75.40323	13:40:06	D	3.10
487	WEST NIMAR	KHARGON	S-NPP	21.90341	75.70855	13:40:06	D	1.30

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](#)
