



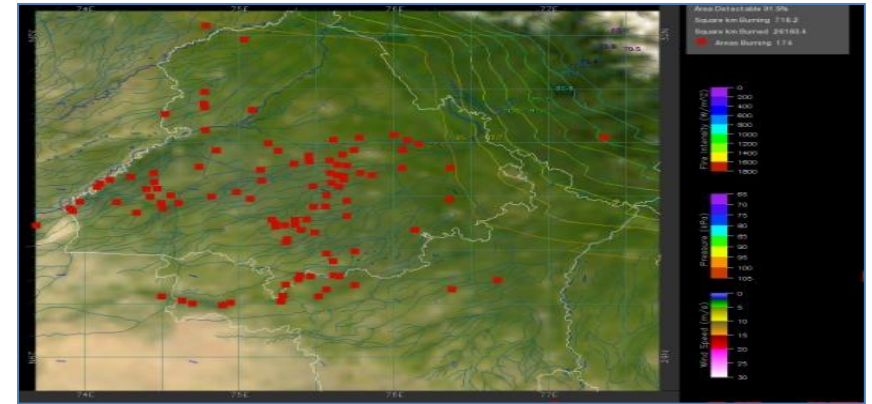
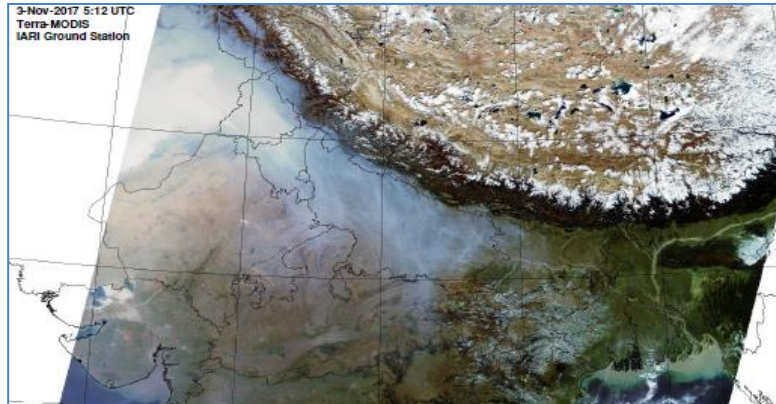
**Bulletin
No. 68**

**Events Date:
21-Nov-2023**

**Issued on:
21-Nov-2023**



MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2023



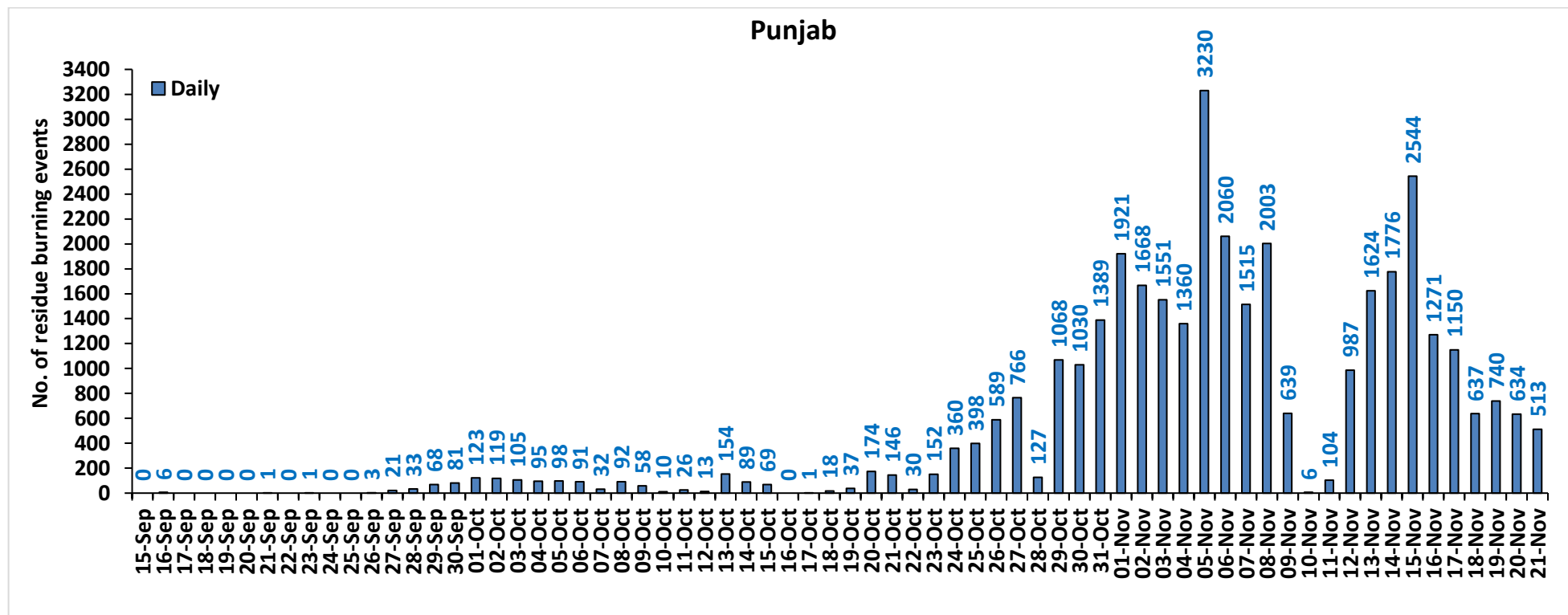
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

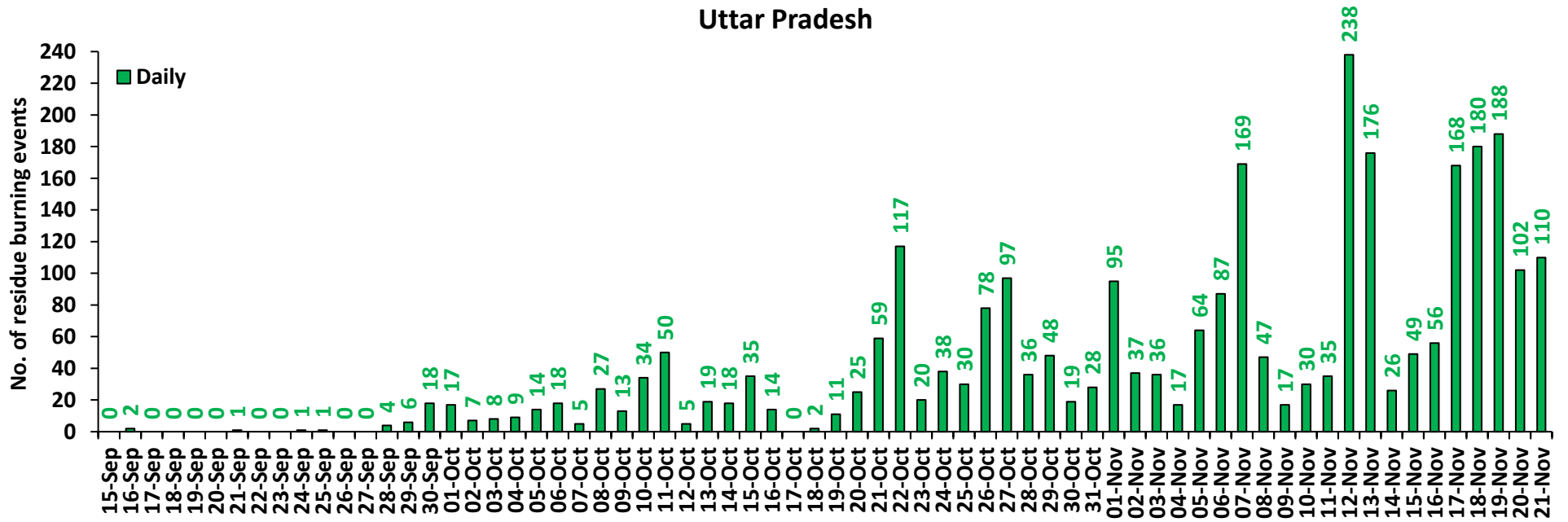
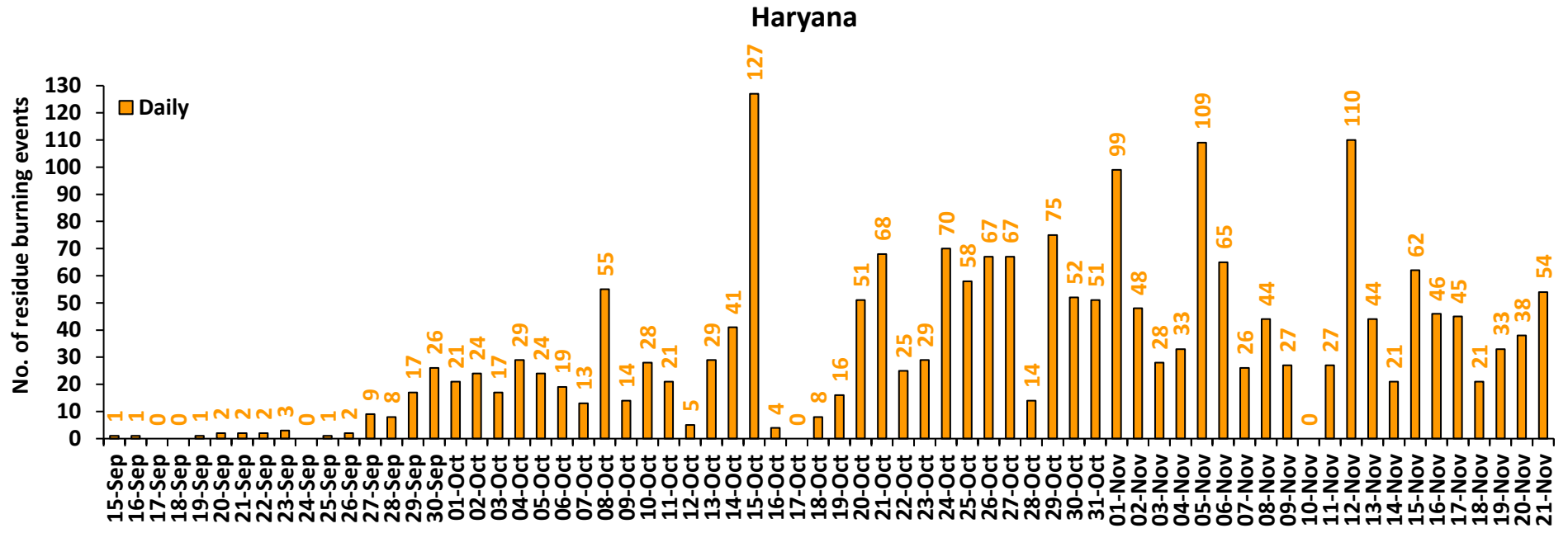
<http://creams.iari.res.in>

Highlights for 21-Nov-2023

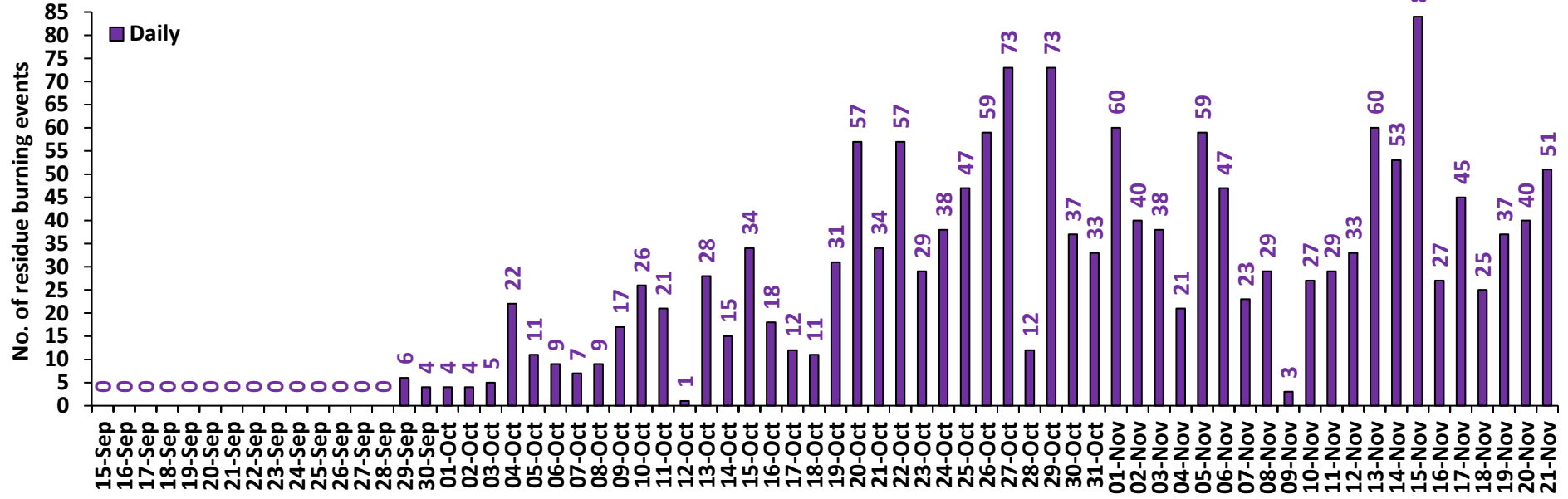
- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol for Estimation of Crop Residue Burning Fire Events using Satellite Data".
- Satellites detected **995** residue burning events in the six study States on 21-Nov-2023.
- The state wise events detected on 21-Nov-2023 were **513** in Punjab, **54** in Haryana, **110** in UP, **00** in Delhi, **51** in Rajasthan and **267** in MP.
- Total **53550** burning events were detected in the six states between 15-Sept-2023 and 21-Nov-2023, which are distributed as **35606**, **2177**, **2861**, **05**, **1675** and **11226** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

Temporal distribution of rice residue burning events for the study States in 2023

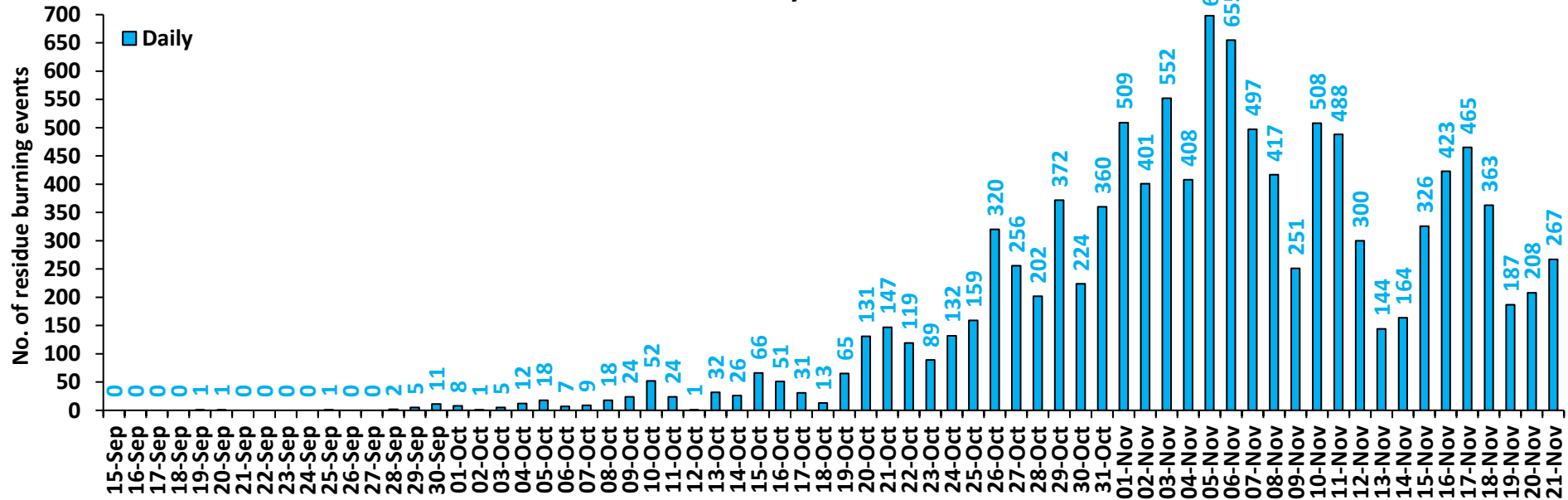




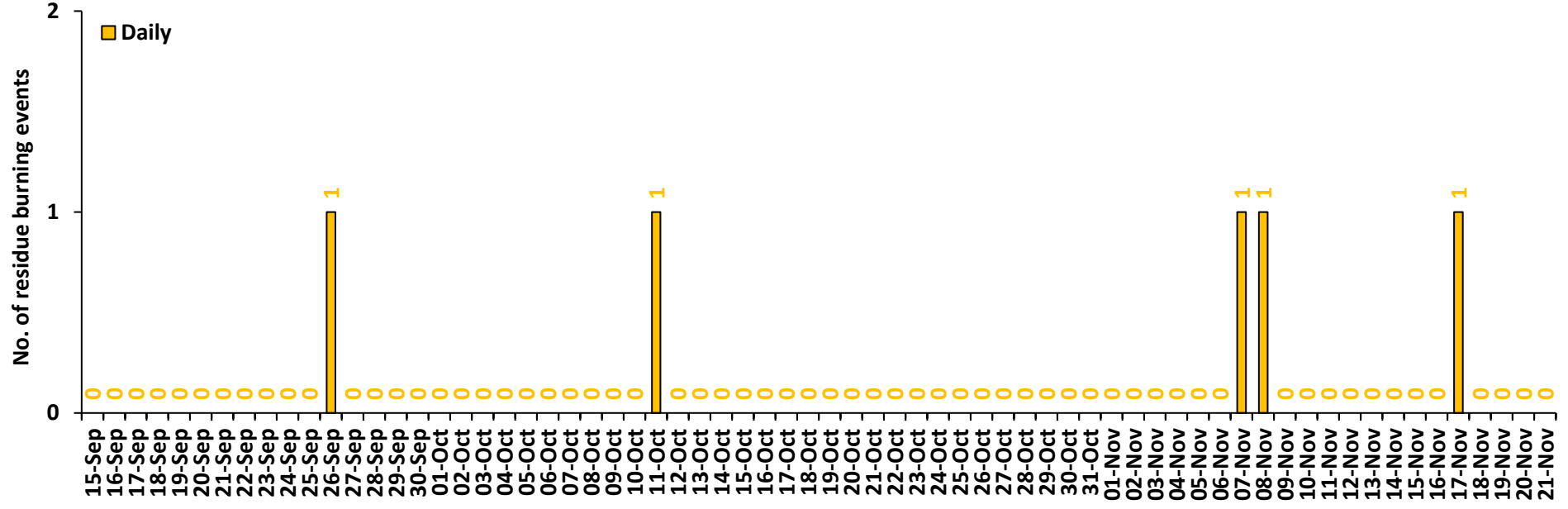
Rajasthan



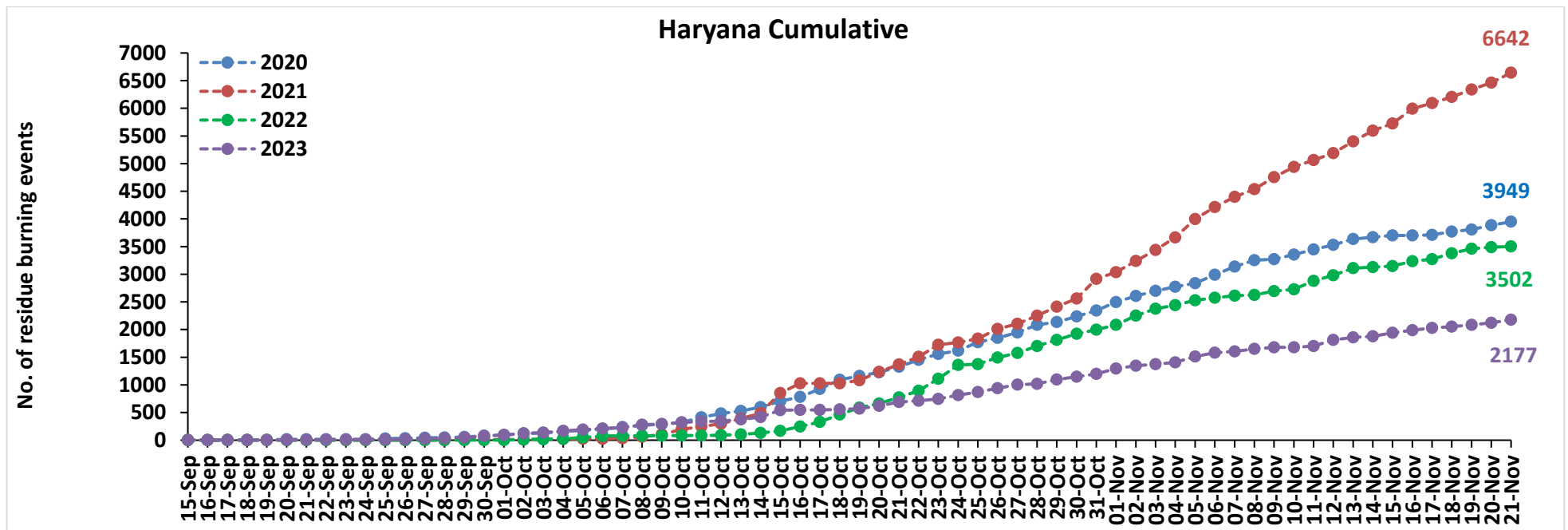
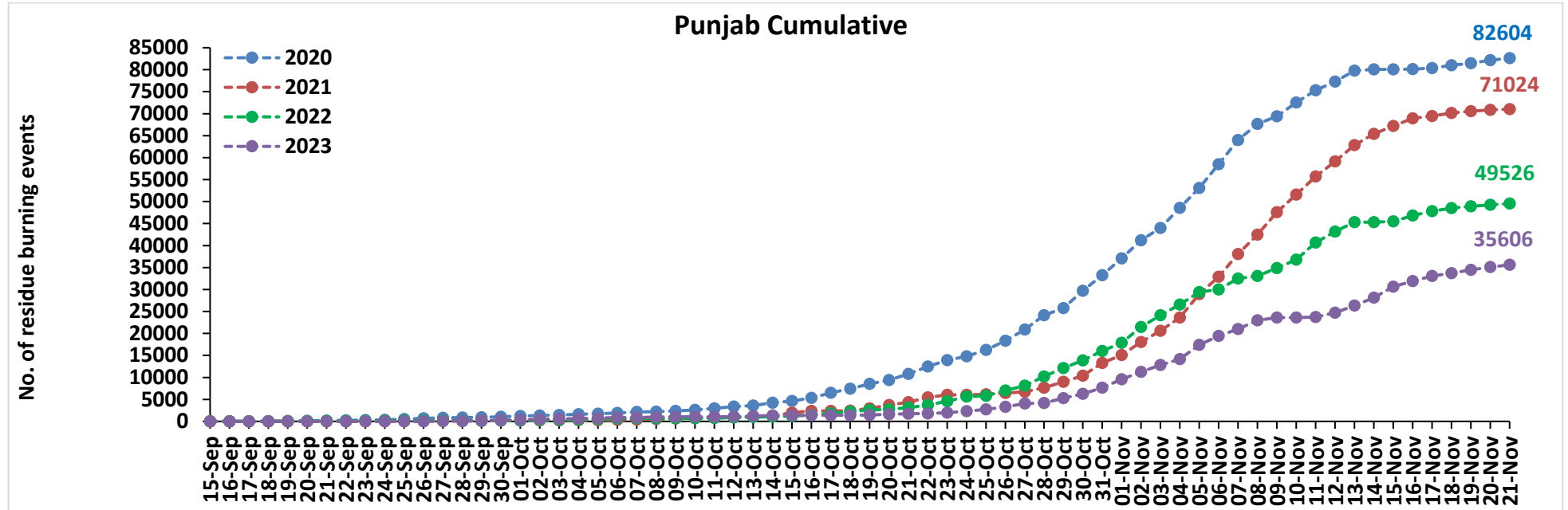
Madhya Pradesh



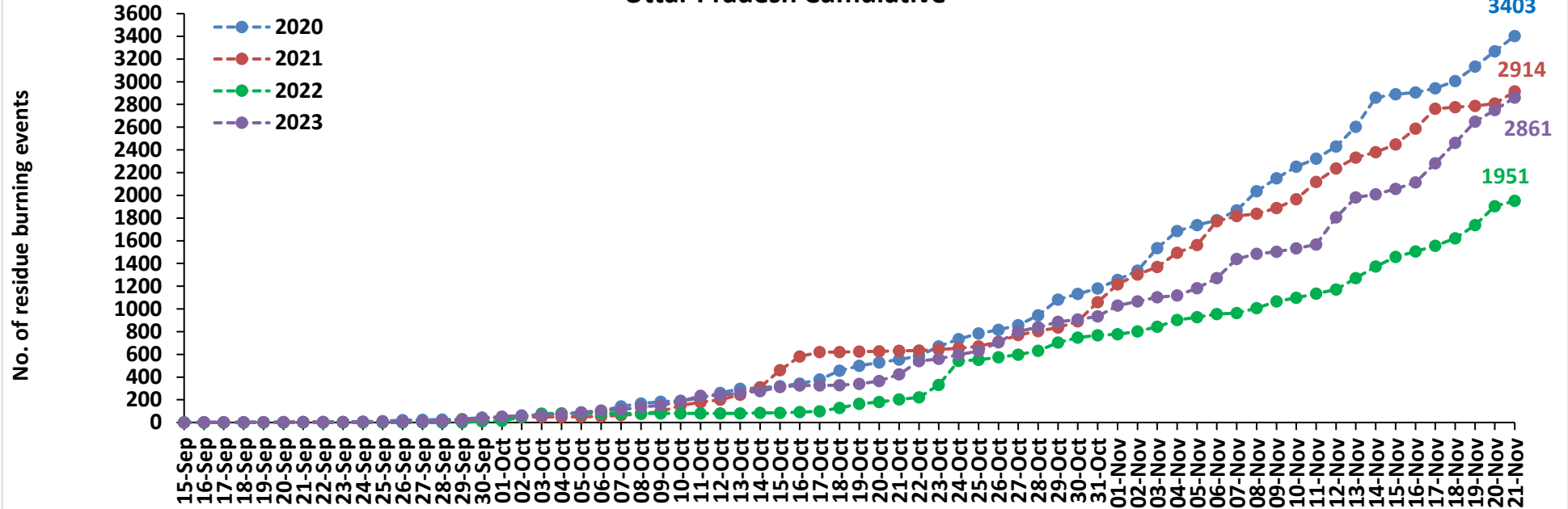
Delhi



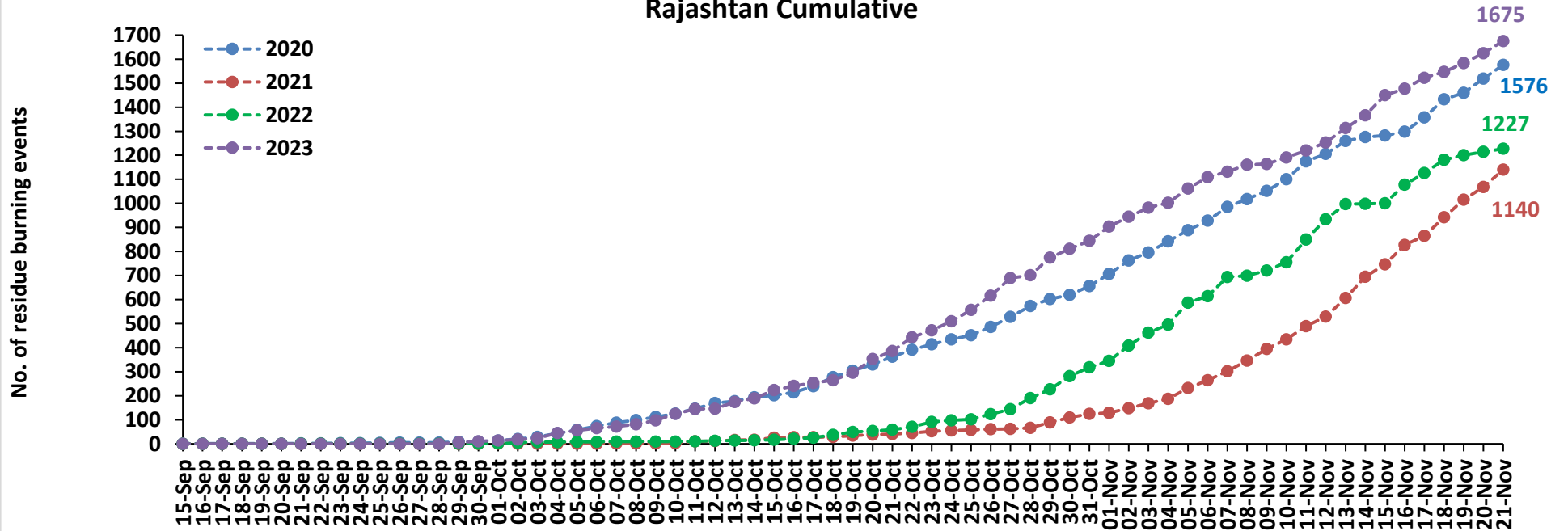
Comparison of residue burning events in current year (2023) with previous years (2020, 2021 and 2022) for the study State



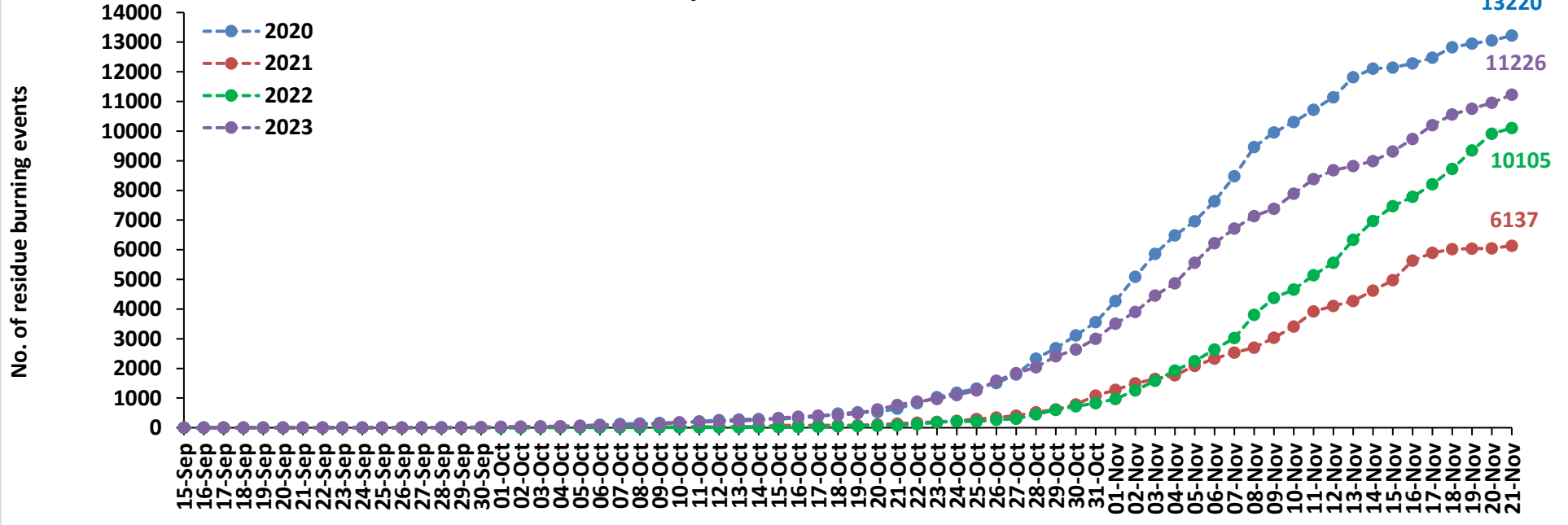
Uttar Pradesh Cumulative



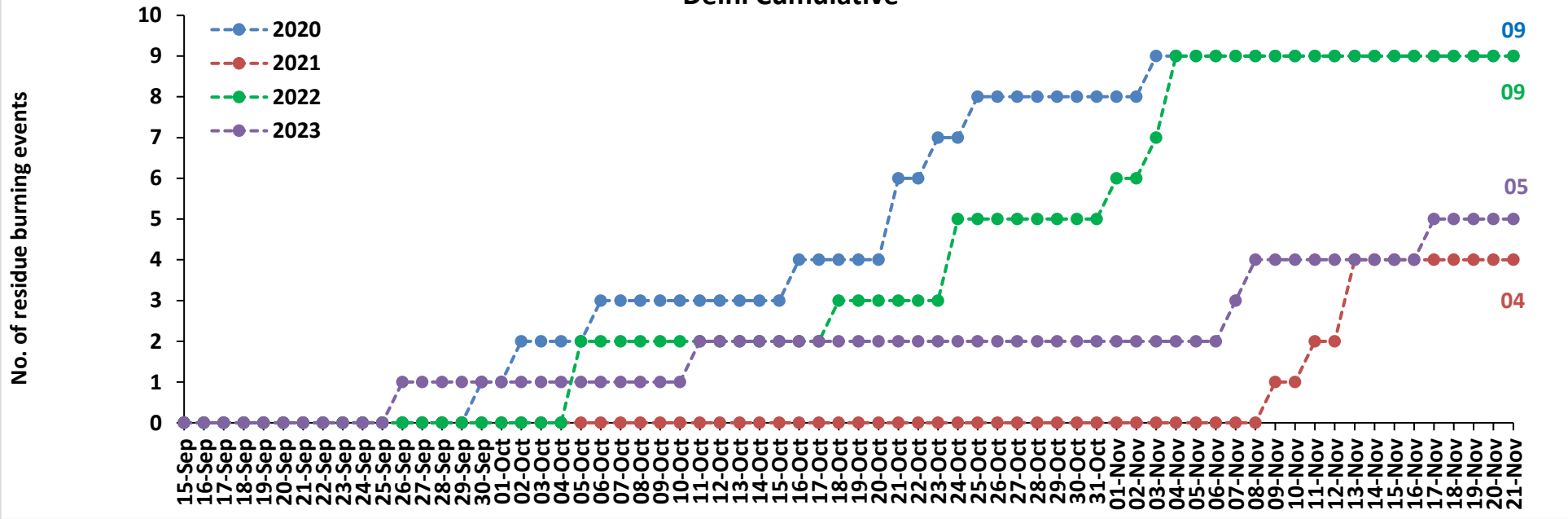
Rajashtan Cumulative



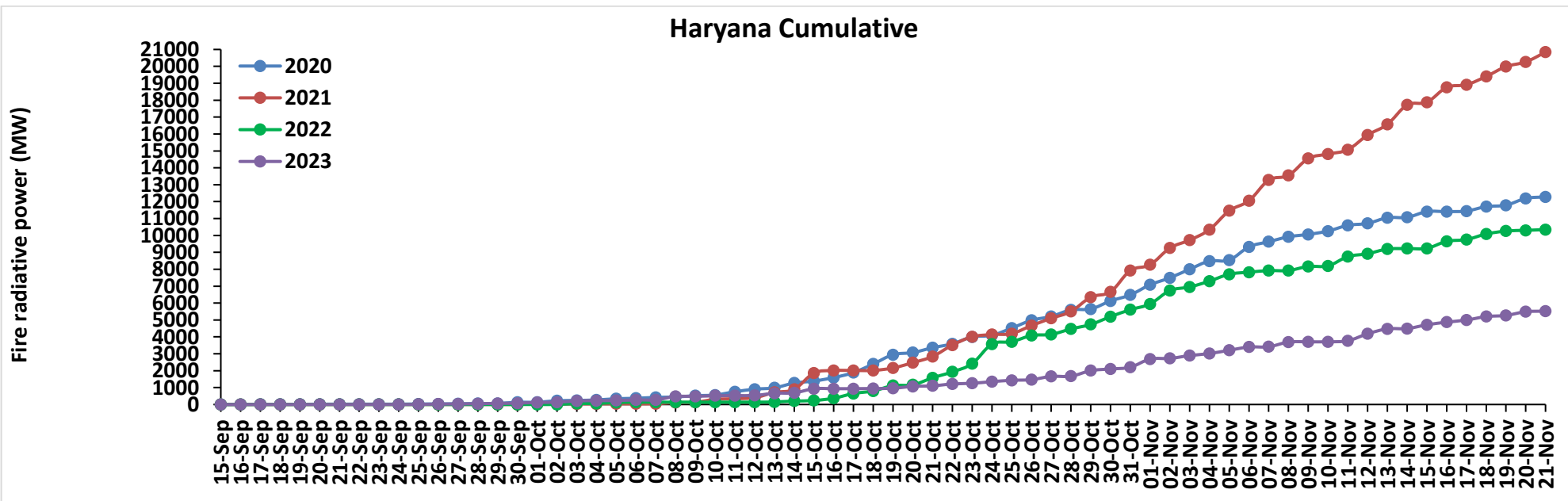
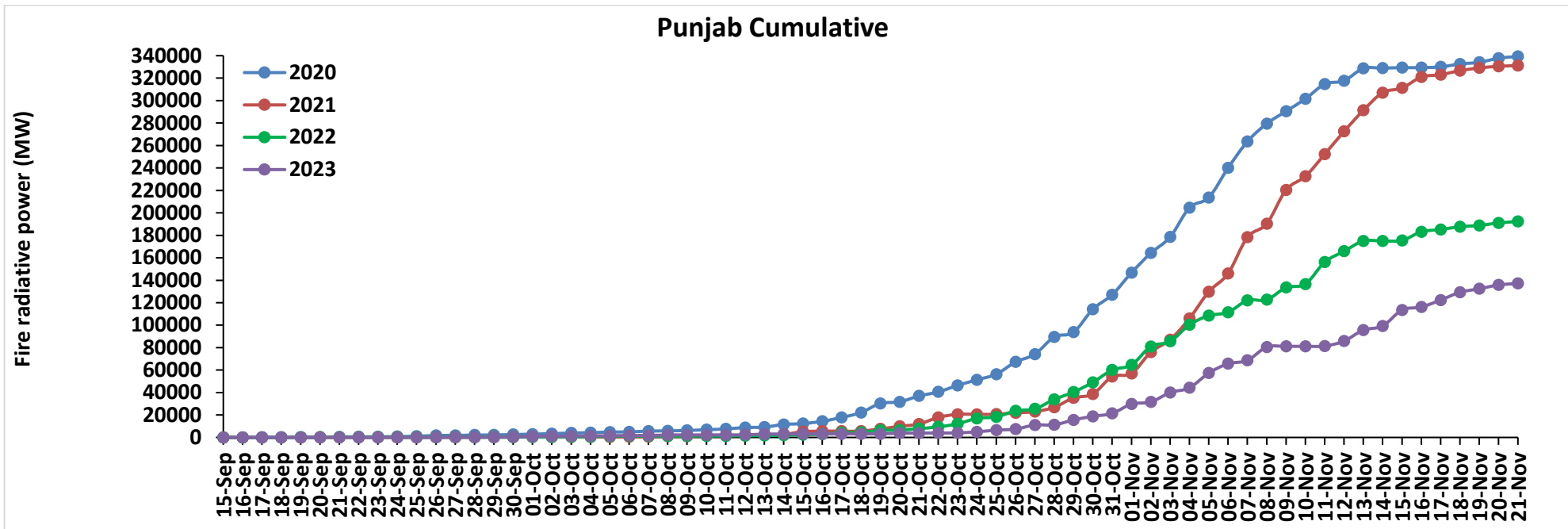
Madhya Pradesh Cumulative



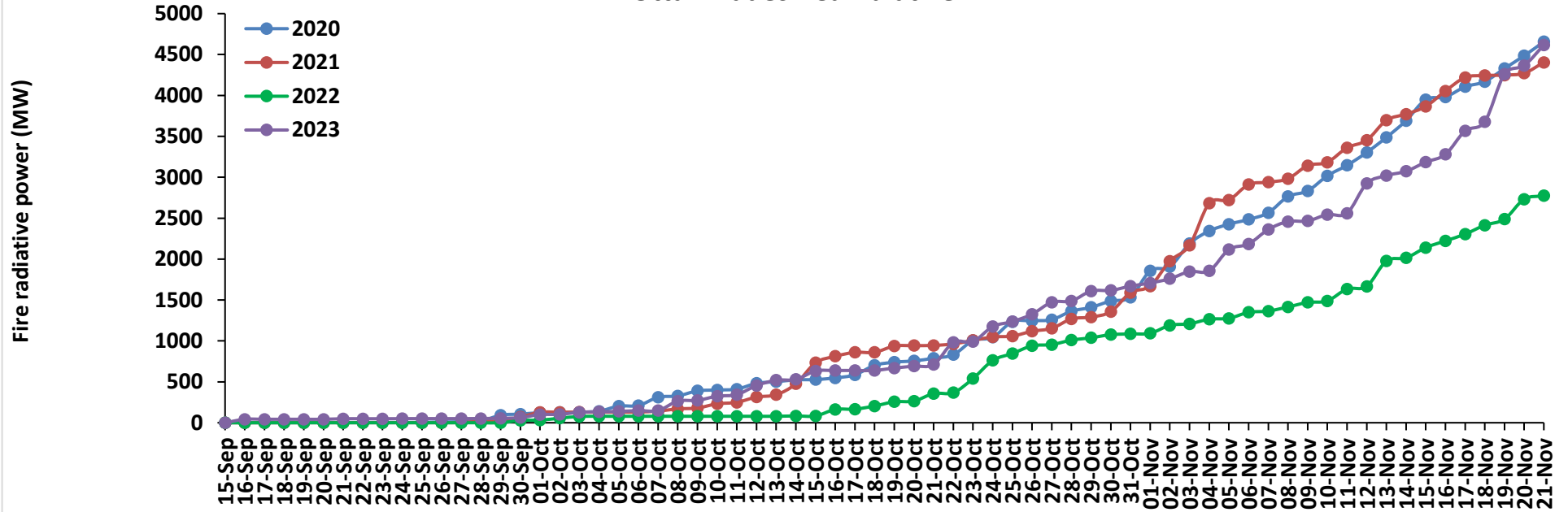
Delhi Cumulative



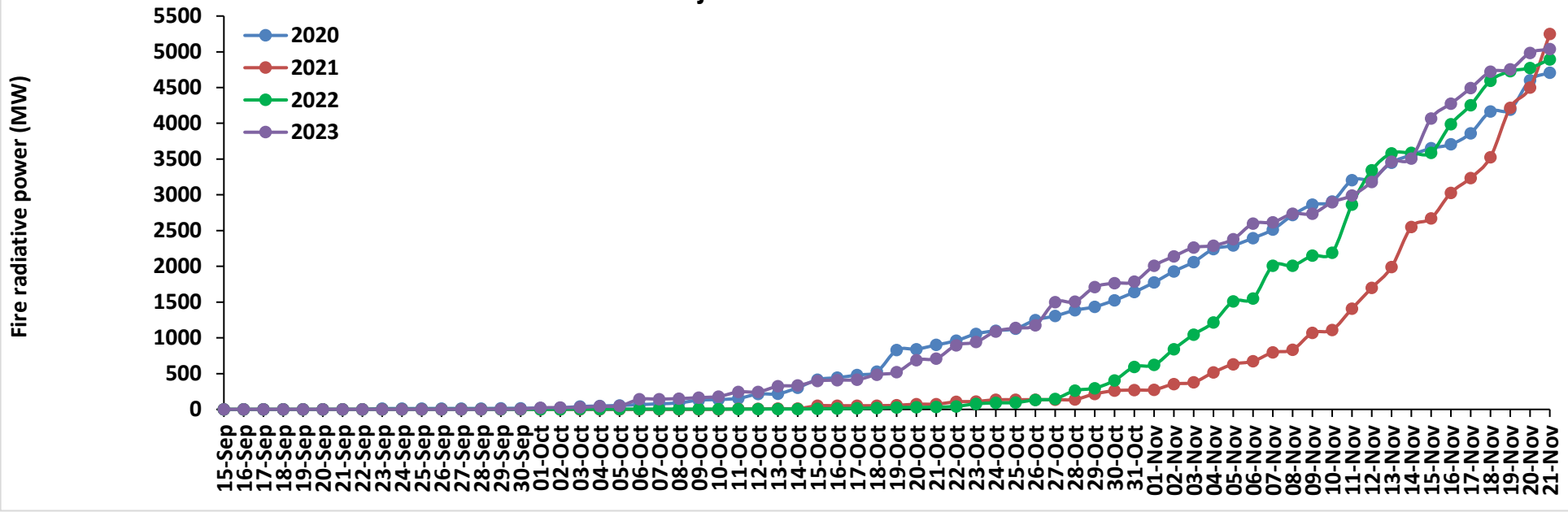
Comparison of residue burning fire power in current year (2023) with previous years (2020, 2021 and 2022) for the study States



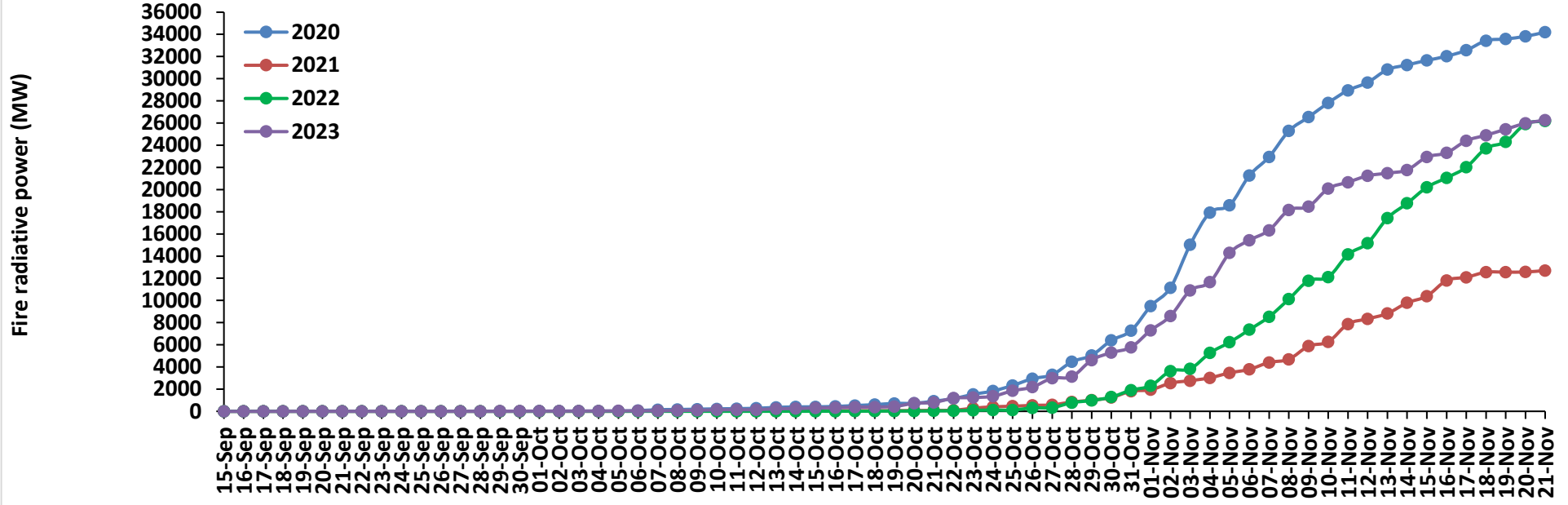
Uttar Pradesh Cumulative



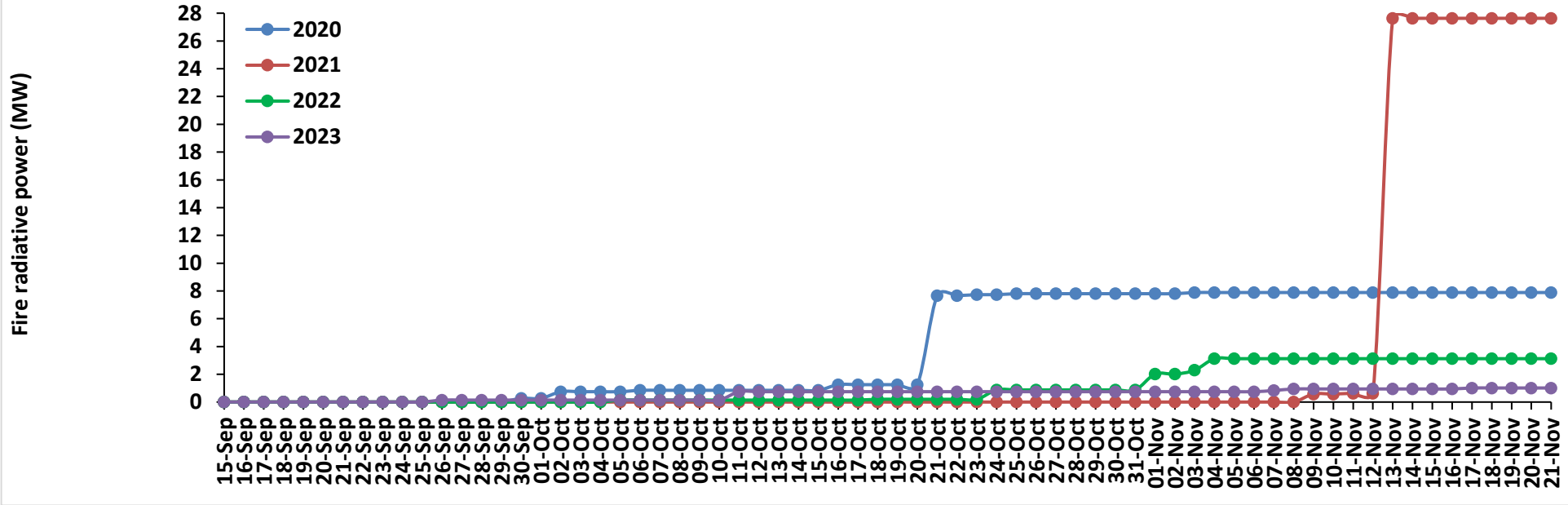
Rajasthan Cumulative



Madhya Pradesh Cumulative

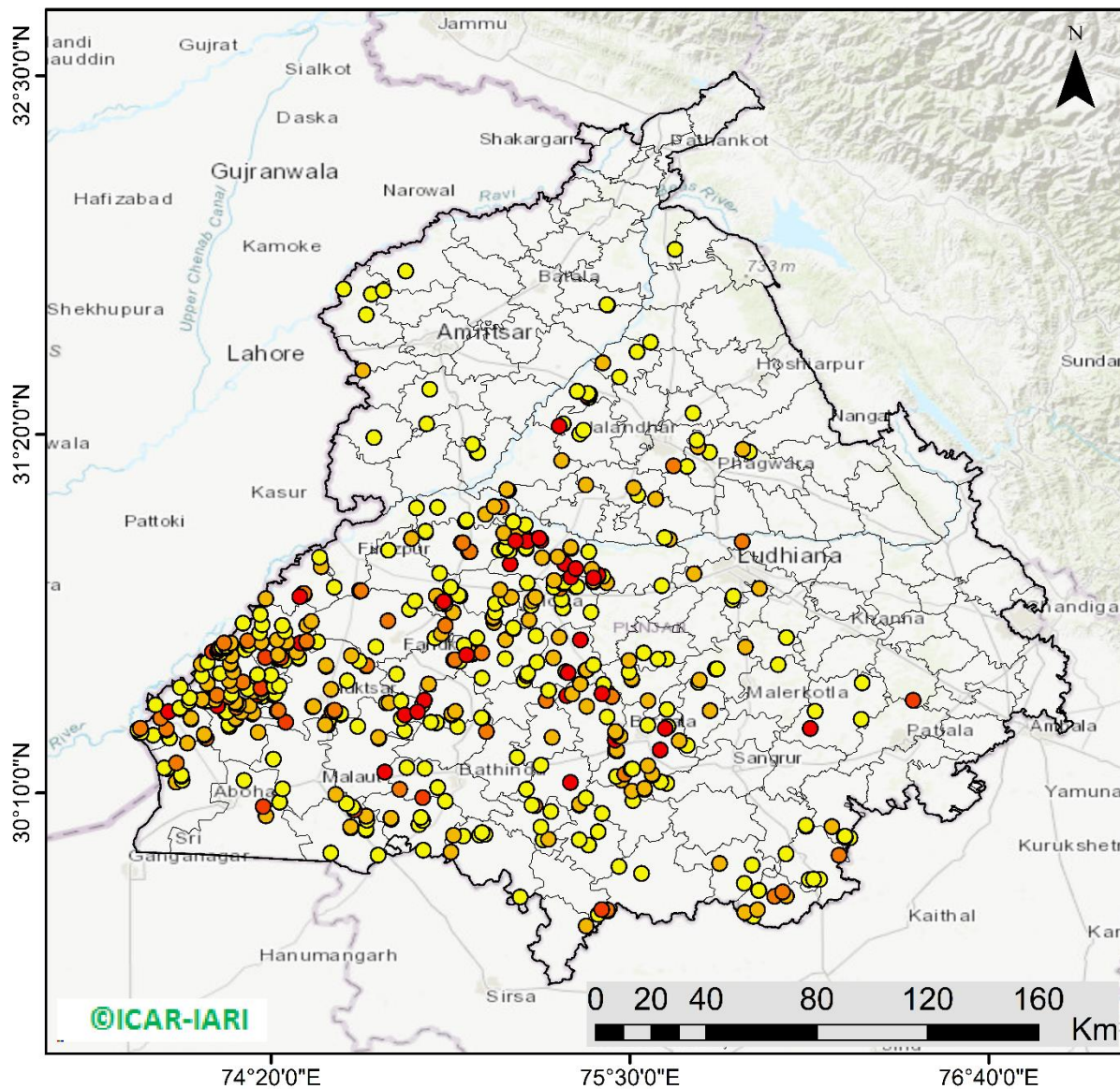


Delhi Cumulative



Punjab

RICE RESIDUE BURNING IN PUNJAB



513 burning events detected in Punjab during (21st Nov 2023)

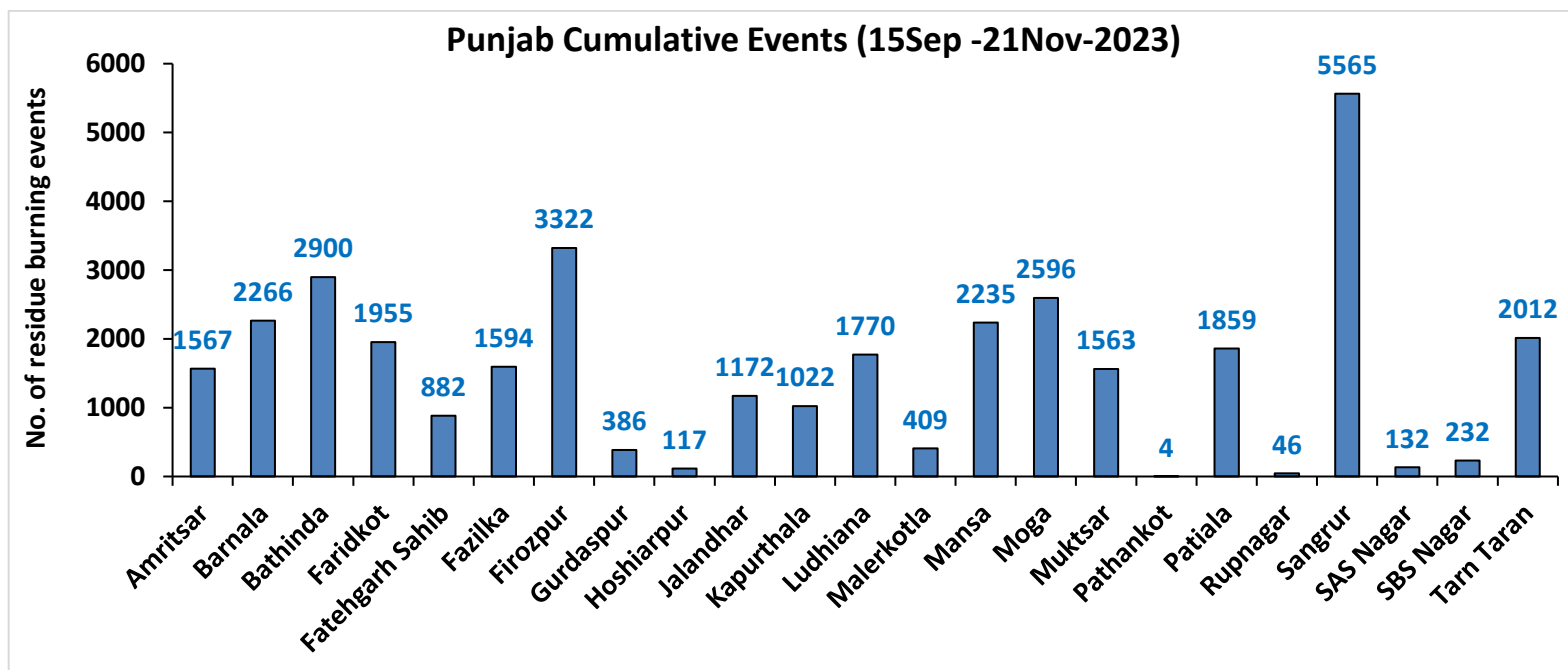
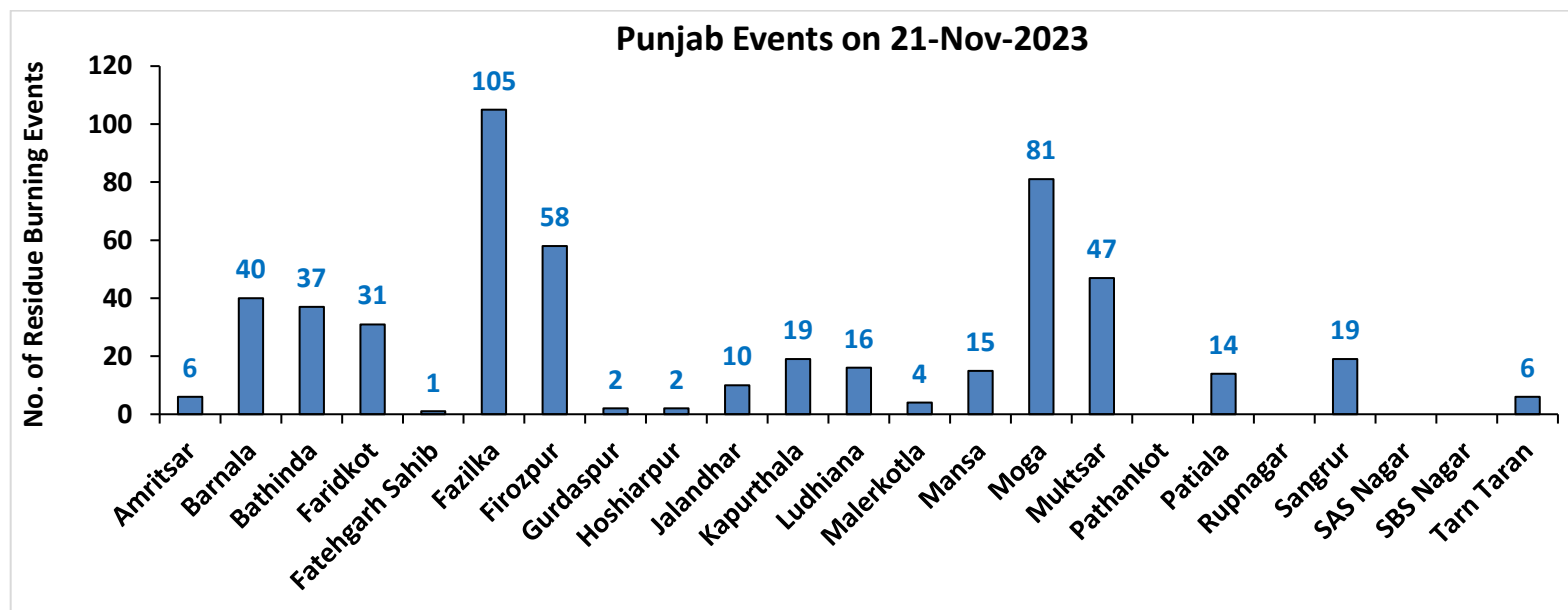
Fire Intensity (W/m²)

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



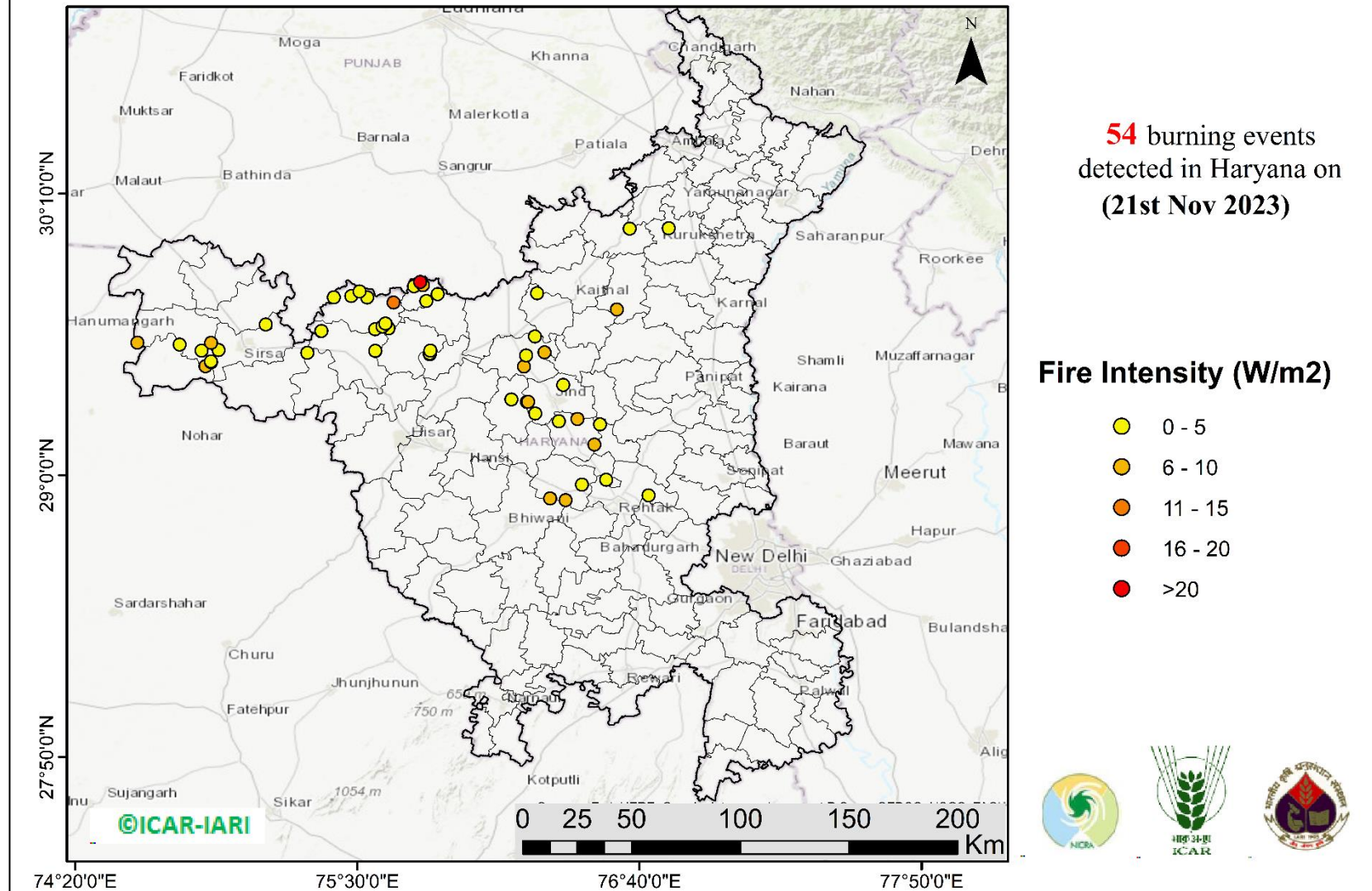
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Punjab (15Sep- 21Nov-2023)



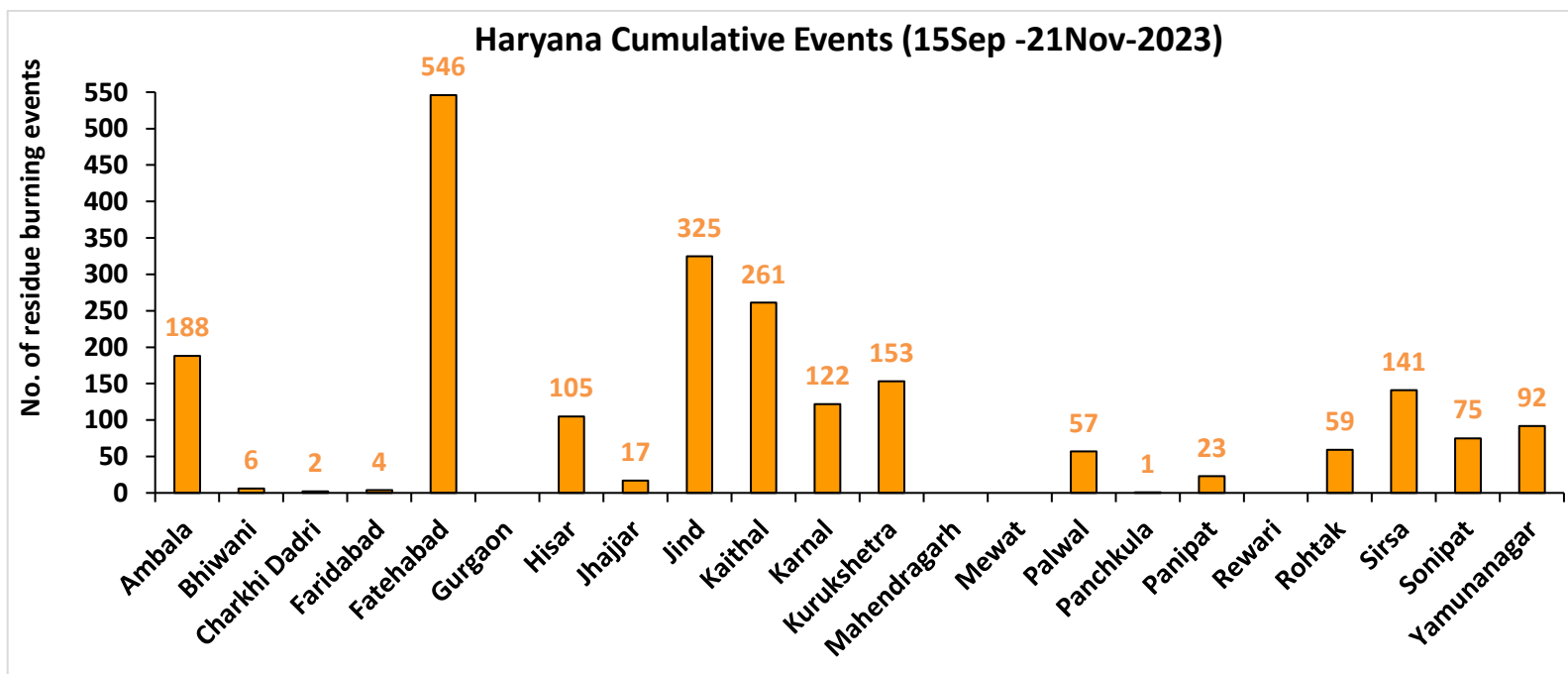
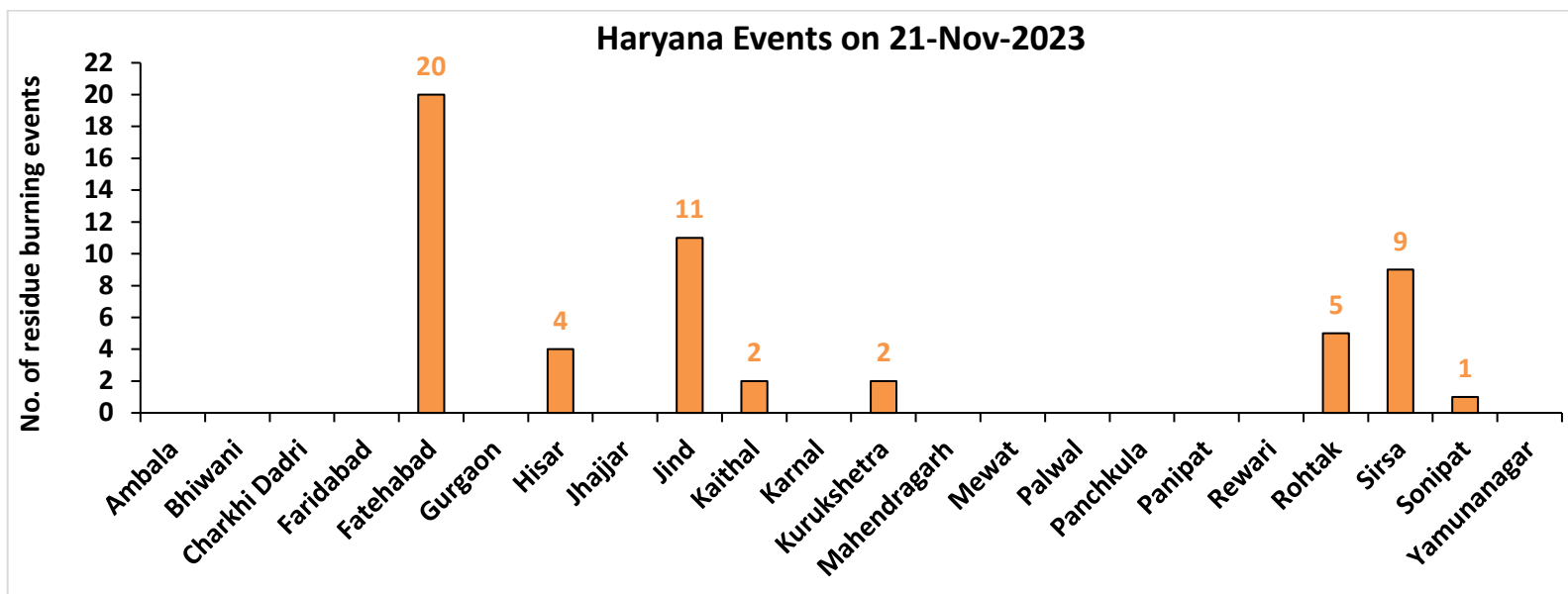
Haryana

RICE RESIDUE BURNING IN HARYANA



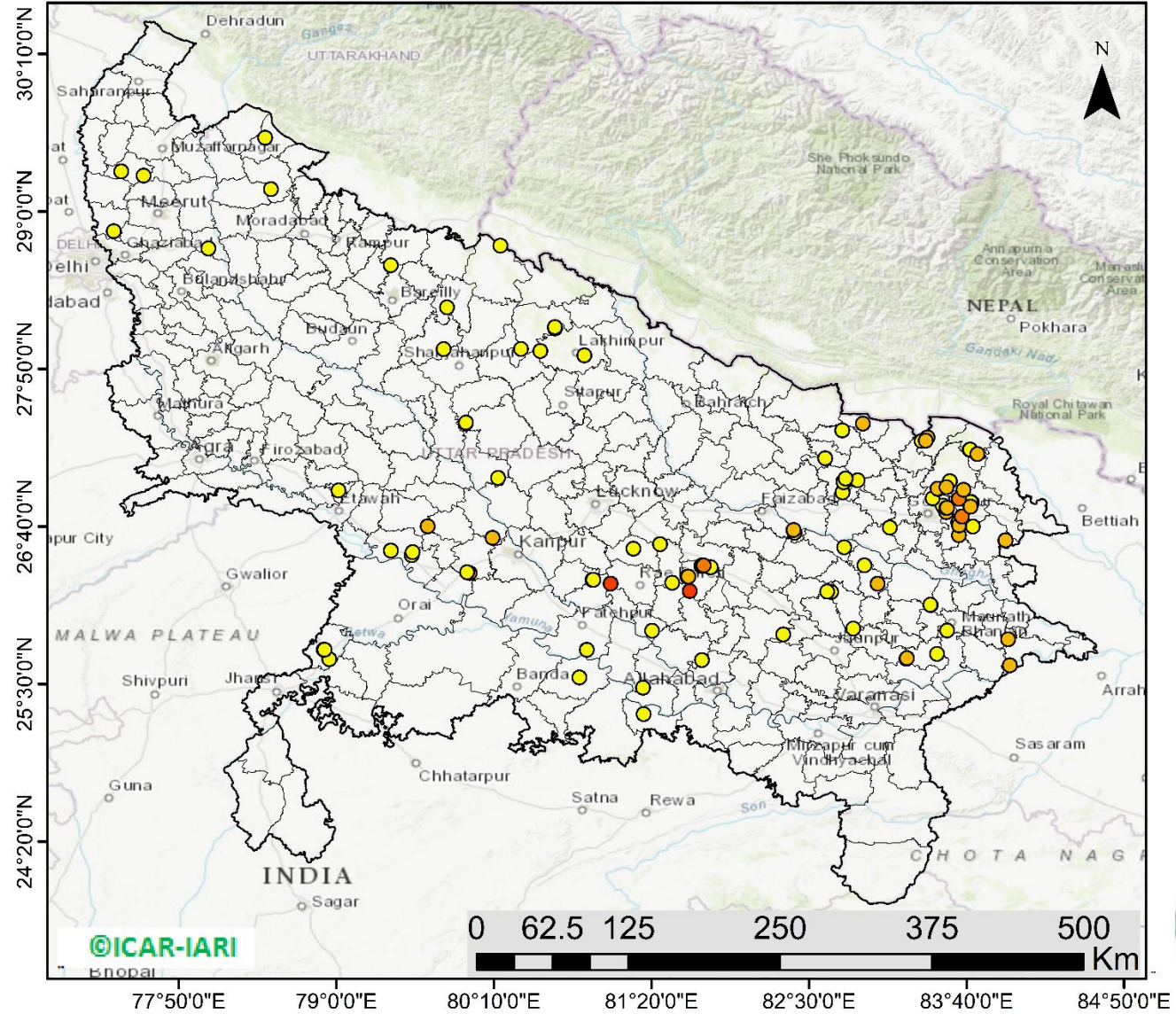
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Haryana (15Sep- 21Nov-2023)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



110 burning events detected in Uttar Pradesh on (21st Nov 2023)

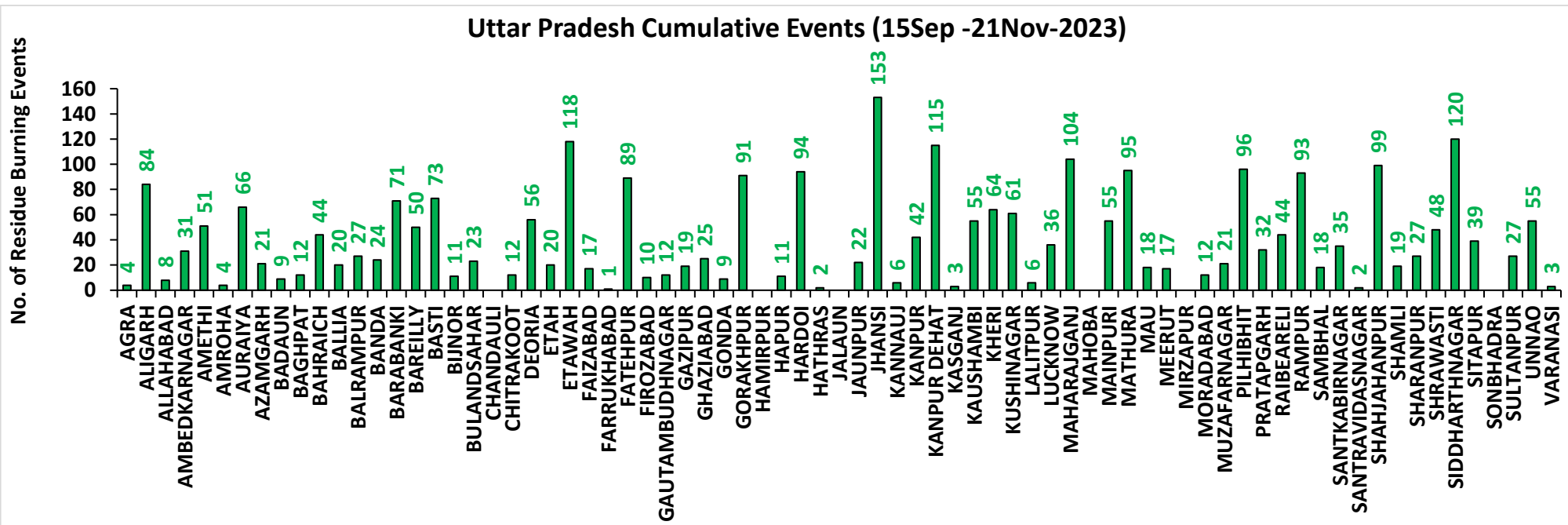
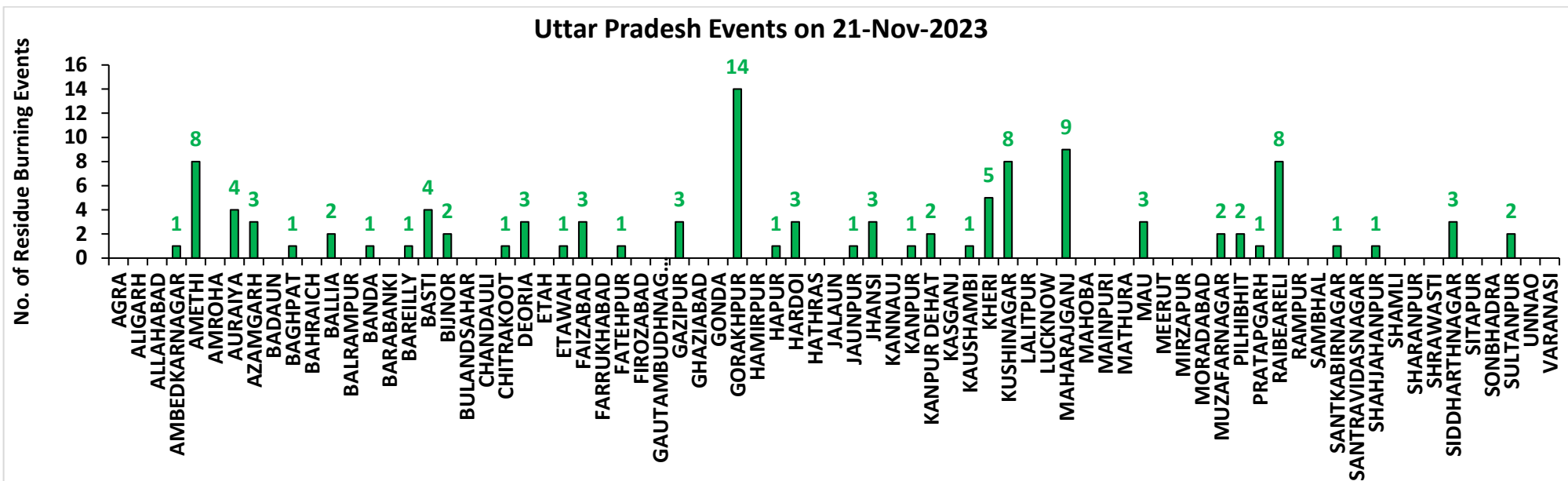
Fire Intensity (W/m2)

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



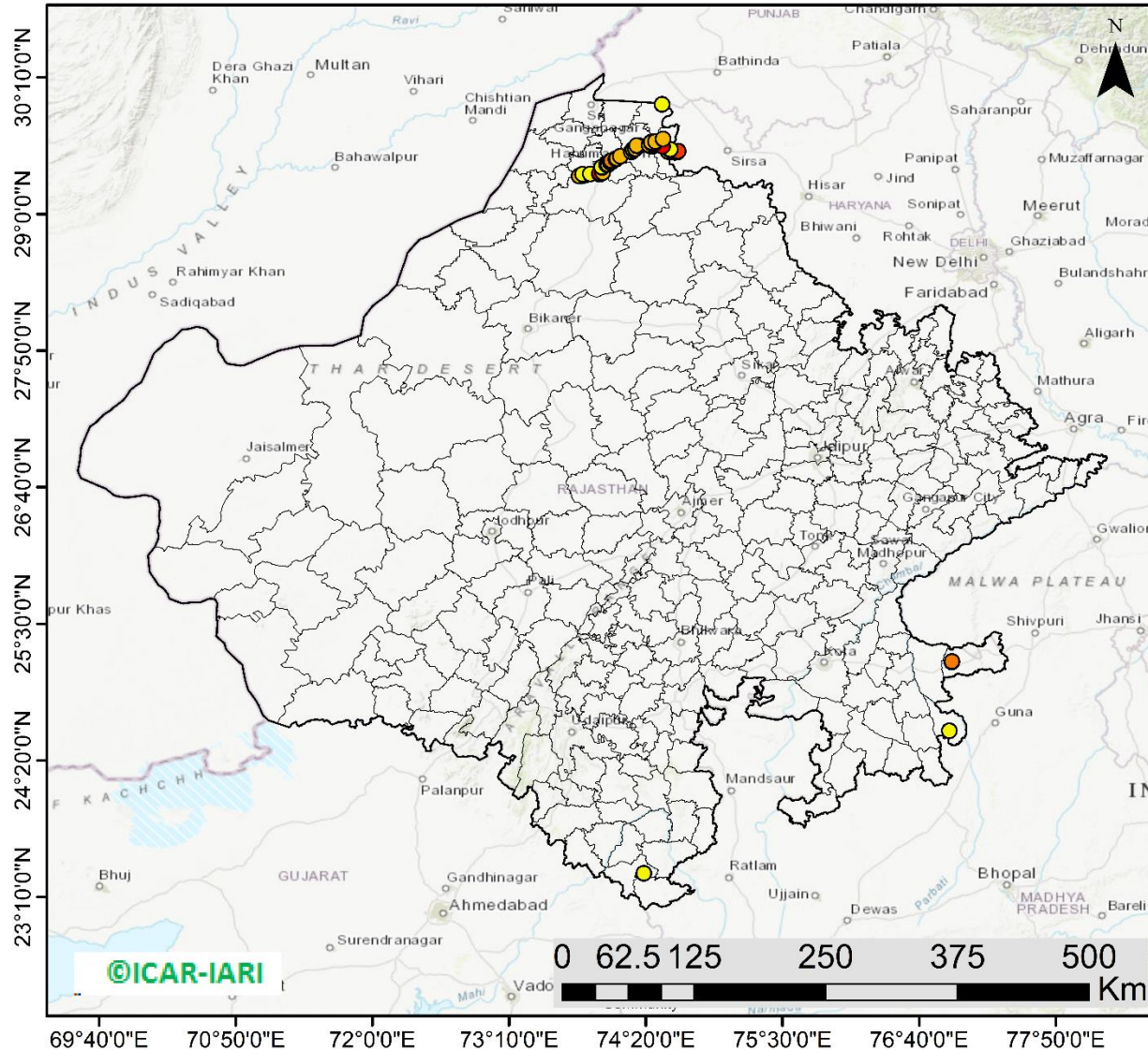
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-21Nov -2023)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



51 burning events detected in Rajasthan on (21st Nov 2023)

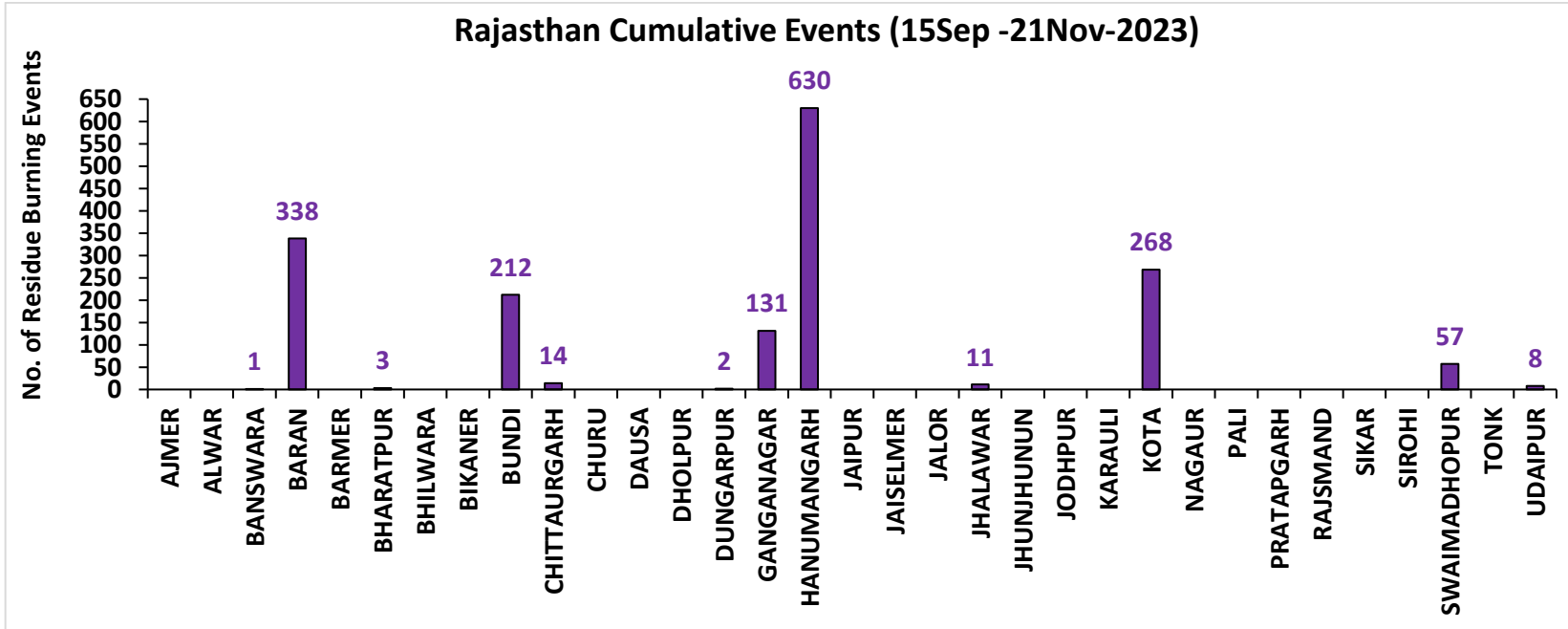
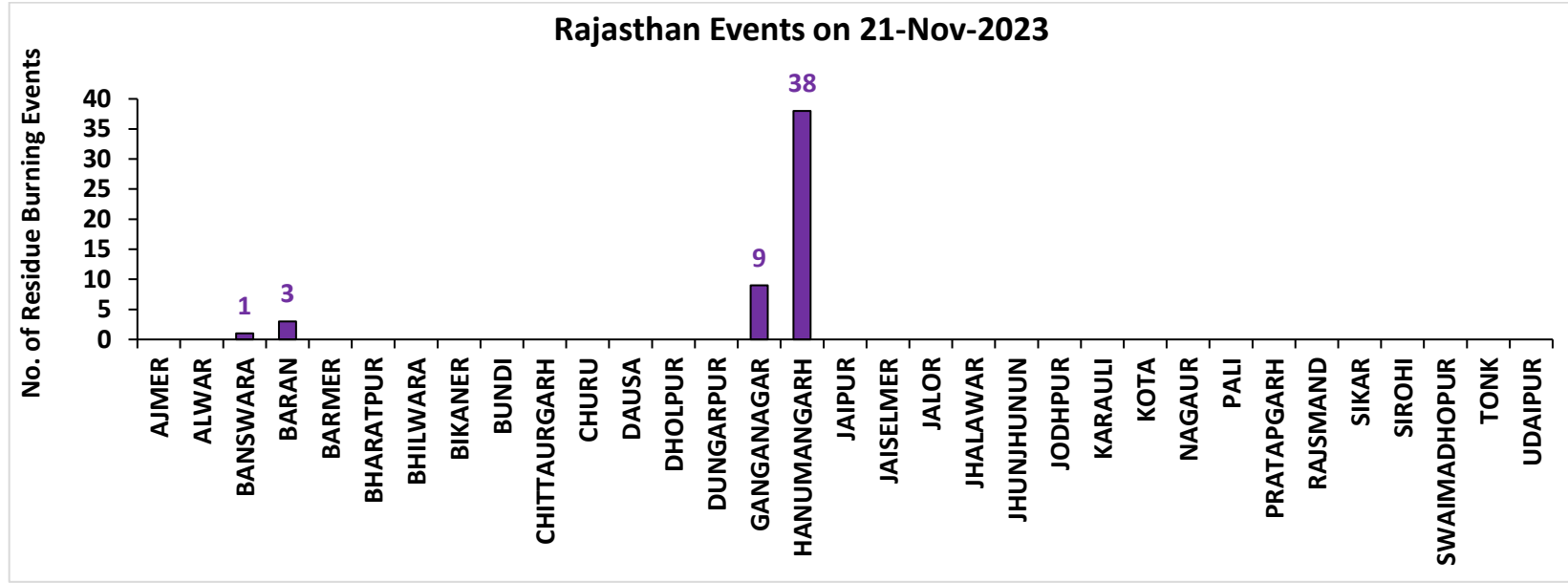
Fire Intensity (W/m²)

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



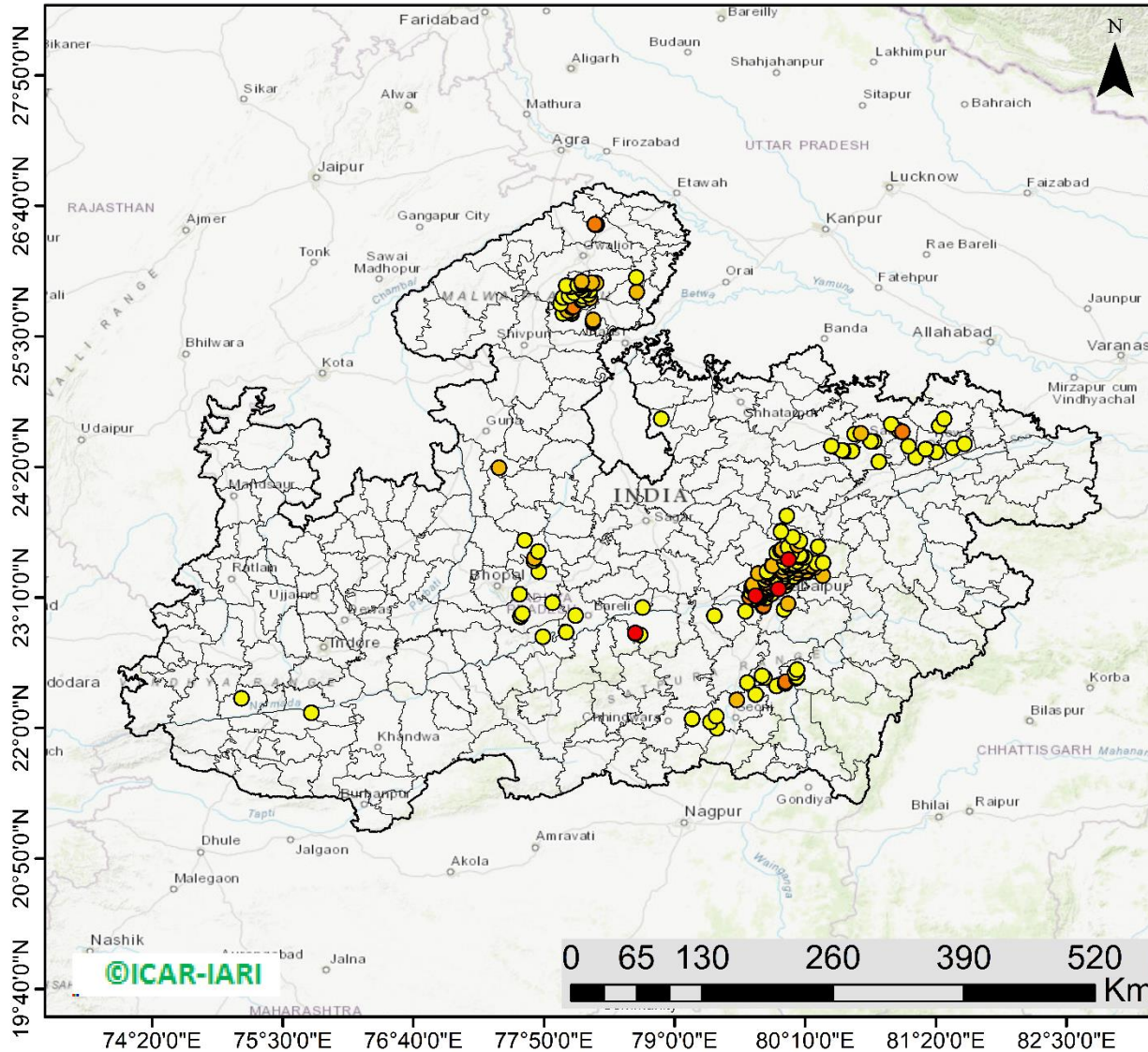
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Rajasthan (15Sep-21Nov -2023)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



267 burning events
detected in MP on
(21st Nov 2023)

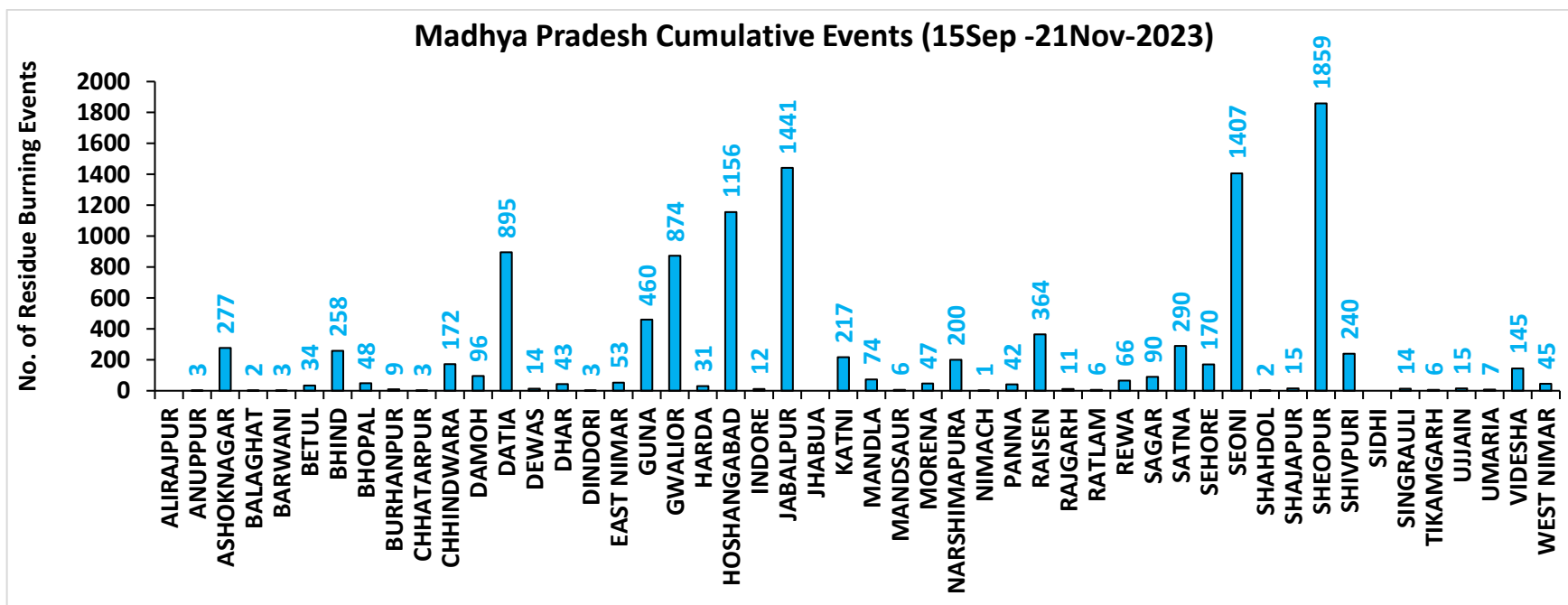
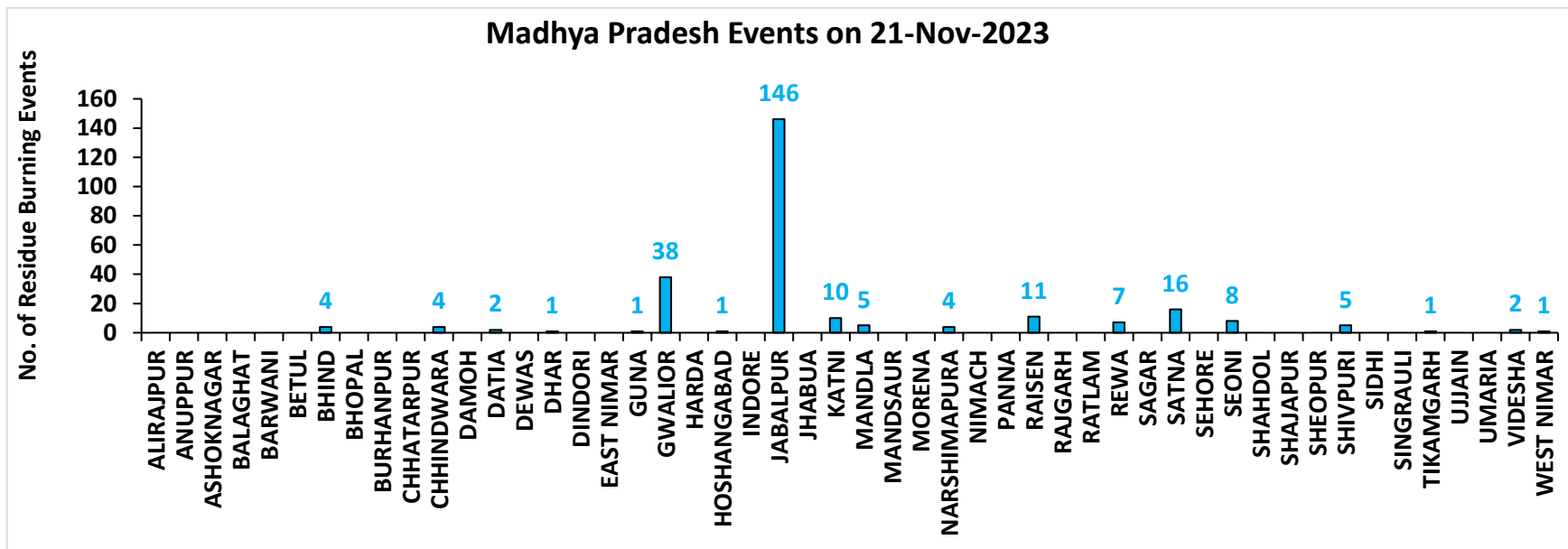
Fire Intensity (W/m²)

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



<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Madhya Pradesh (15Sep-21Nov -2023)



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

(a) Punjab

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

(b) Haryana

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

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

Sangrur events in 2023 do not include Malerkotla events.

(c) Uttar Pradesh

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

(d) Delhi

District	15 Sep-21 Nov			
	2020	2021	2022	2023
CENTRAL	0	0	0	0
EAST	0	0	0	0
NEW DELHI	0	0	0	0
NORTH	3	3	8	5
NORTH EAST	0	0	0	0
NORTH WEST DELHI	3	1	0	0
SHAHADRA	0	0	0	0
SOUTH	1	0	0	0
SOUTH EAST	0	0	0	0
SOUTH WEST DELHI	0	0	0	0
WEST DELHI	2	0	1	0
Total	9	4	9	5

(e) Rajasthan

District	15 Sep-21 Nov			
	2020	2021	2022	2023
AJMER	3	0	0	0
ALWAR	9	0	0	0
BANSWARA	0	0	0	1
BARAN	166	11	74	338
BARMER	4	0	0	0
BHARATPUR	2	3	1	3
BHILWARA	11	0	0	0
BIKANER	1	0	0	0
BUNDI	128	84	180	212
CHITTAURGARH	1	12	8	14
CHURU	0	0	0	0
DAUSA	1	0	0	0
DHOLPUR	0	0	0	0
DUNGARPUR	0	0	2	2
GANGANAGAR	175	127	101	131
HANUMANGARH	837	811	655	630
JAIPUR	4	0	0	0
JAISELMER	5	0	0	0
JALOR	2	0	0	0
JHALAWAR	9	1	10	11
JHUNJHUNUN	1	0	0	0
JODHPUR	5	0	0	0
KARAULI	1	0	0	0
KOTA	116	56	141	268
NAGAU	3	0	0	0
PALI	9	0	0	0
PRATAPGARH	8	0	0	0
RAJSMAND	1	0	0	0
SIKAR	0	0	0	0
SIROHI	2	0	0	0
SWAIMADHOPUR	65	34	55	57
TONK	5	0	0	0
UDAIPUR	2	1	0	8
Total	1576	1140	1227	1675

(f) Madhya Pradesh

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

State-wise and date-wise number of paddy residue burning events detected in 2020, 2021, 2022 and 2023
(Period: 15 September-21 November)

Number of Paddy Residue Burning Events Detected

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

12-Oct	388	97	104	13	69	51	4	5	46	23	0	5
13-Oct	266	132	120	154	47	91	15	29	36	42	0	19
14-Oct	605	229	82	89	69	98	30	41	9	68	5	18
15-Oct	449	660	169	69	106	363	36	127	15	149	0	35
16-Oct	654	429	206	0	80	176	76	4	21	121	6	14
17-Oct	1172	14	403	1	143	0	86	0	38	39	7	0
18-Oct	938	57	342	18	166	1	134	8	76	0	30	2
19-Oct	1080	496	436	37	72	55	122	16	43	5	36	11
20-Oct	890	788	96	174	62	155	78	51	31	1	17	25
21-Oct	1392	597	393	146	101	131	107	68	25	5	23	59
22-Oct	1665	1111	582	30	128	140	122	25	32	3	18	117
23-Oct	1438	620	902	152	106	218	217	29	84	8	109	20
24-Oct	911	0	1019	360	57	38	250	70	63	11	212	38
25-Oct	1416	76	181	398	155	71	12	58	50	18	9	30
26-Oct	2126	329	1238	589	77	175	123	67	33	41	23	78
27-Oct	2563	279	1111	766	96	93	83	67	40	58	23	97
28-Oct	3232	906	2067	127	139	149	123	14	87	35	34	36
29-Oct	1624	1353	1898	1068	52	161	112	75	139	32	73	48
30-Oct	3946	1373	1761	1030	100	148	112	52	50	53	43	19
31-Oct	3531	2895	2131	1389	108	353	70	51	49	170	20	28
01-Nov	3835	1796	1842	1921	151	124	88	99	74	157	9	95
02-Nov	4098	3001	3634	1668	111	203	166	48	82	87	25	37
03-Nov	2818	2512	2666	1551	93	197	128	28	197	66	40	36
04-Nov	4584	3032	2437	1360	72	228	63	33	152	123	61	17
05-Nov	4529	5327	2817	3230	66	331	90	109	52	70	24	64
06-Nov	5382	3942	599	2060	151	219	46	65	43	208	28	87
07-Nov	5491	5199	2487	1515	150	182	37	26	86	46	8	169
08-Nov	3674	4397	604	2003	115	138	11	44	169	21	44	47
09-Nov	1718	5079	1778	639	21	217	69	27	115	51	58	17
10-Nov	3127	4008	1893	6	80	184	35	0	101	77	33	30
11-Nov	2822	4156	3916	104	93	126	152	27	71	151	36	35
12-Nov	1989	3403	2467	987	83	127	99	110	108	120	36	238
13-Nov	2441	3742	2175	1624	105	210	132	44	172	95	102	176

14-Nov	307	2541	4	1776	35	195	17	21	258	49	101	26
15-Nov	32	1761	141	2544	31	129	21	62	29	67	84	49
16-Nov	8	1757	1358	1271	0	269	84	46	15	138	48	56
17-Nov	248	523	966	1150	9	101	39	45	38	177	50	168
18-Nov	670	680	701	637	60	111	108	21	62	14	66	180
19-Nov	454	448	426	740	37	132	79	33	129	11	116	188
20-Nov	677	283	368	634	77	127	32	38	134	20	168	102
21-Nov	457	168	243	513	65	178	11	54	135	106	46	110
Total	82604	71024	49526	35606	3949	6642	3502	2177	3403	2914	1951	2861

Number of Paddy Residue Burning Events Detected

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

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

09-Nov	0	1	0	0	34	48	22	3	495	330	570	251
10-Nov	0	0	0	0	48	40	34	27	346	380	282	508
11-Nov	0	1	0	0	75	55	95	29	418	506	482	488
12-Nov	0	0	0	0	31	40	84	33	422	185	421	300
13-Nov	0	2	0	0	54	78	63	60	670	171	773	144
14-Nov	0	0	0	0	16	88	1	53	294	346	633	164
15-Nov	0	0	0	0	6	51	2	84	35	353	507	326
16-Nov	0	0	0	0	16	81	78	27	145	660	316	423
17-Nov	0	0	0	1	60	38	48	45	191	261	416	465
18-Nov	0	0	0	0	75	77	55	25	352	126	524	363
19-Nov	0	0	0	0	27	73	19	37	124	16	625	187
20-Nov	0	0	0	0	59	53	15	40	106	6	556	208
21-Nov	0	0	0	0	57	72	12	51	159	95	196	267
Total	9	4	9	5	1576	1140	1227	1675	13220	6137	10105	11226

Details of residue burning events in Punjab on 21-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	Amritsar	Ajnala	S-NPP	31.86395	74.77121	13:41:52	D	3.20
2	Amritsar	Attari	S-NPP	31.54038	74.63187	13:41:52	D	5.60
3	Amritsar	Chogawan	S-NPP	31.72178	74.64297	13:41:52	D	3.20
4	Amritsar	Chogawan	S-NPP	31.80543	74.56948	13:41:52	D	2.00
5	Amritsar	Harsha Chhina	S-NPP	31.78876	74.65967	13:41:52	D	2.70
6	Amritsar	Harsha Chhina	S-NPP	31.80098	74.69898	13:41:52	D	2.50
7	Barnala	Barnala	S-NPP	30.17207	75.50653	13:41:52	D	5.30
8	Barnala	Barnala	S-NPP	30.17731	75.54787	13:41:52	D	5.40
9	Barnala	Barnala	S-NPP	30.18086	75.54728	13:41:52	D	5.40
10	Barnala	Barnala	S-NPP	30.20747	75.47245	13:41:52	D	5.50
11	Barnala	Barnala	S-NPP	30.21983	75.45633	13:41:52	D	2.60
12	Barnala	Barnala	S-NPP	30.22400	75.57295	13:41:52	D	6.60
13	Barnala	Barnala	S-NPP	30.22692	75.48318	13:41:52	D	10.20
14	Barnala	Barnala	S-NPP	30.22756	75.57235	13:41:52	D	6.60
15	Barnala	Barnala	S-NPP	30.24406	75.50372	13:41:52	D	3.60
16	Barnala	Barnala	S-NPP	30.24466	75.50831	13:41:52	D	3.60
17	Barnala	Barnala	S-NPP	30.25477	75.55835	13:41:52	D	7.40
18	Barnala	Barnala	S-NPP	30.30252	75.45785	13:41:52	D	7.00
19	Barnala	Barnala	S-NPP	30.30547	75.45266	13:41:52	D	6.30
20	Barnala	Barnala	S-NPP	30.30597	75.59860	13:41:52	D	31.10
21	Barnala	Barnala	S-NPP	30.30606	75.45724	13:41:52	D	7.00
22	Barnala	Barnala	S-NPP	30.33790	75.45184	13:41:52	D	28.20
23	Barnala	Barnala	S-NPP	30.35030	75.46380	13:41:52	D	11.50
24	Barnala	Barnala	S-NPP	30.35090	75.46839	13:41:52	D	9.80
25	Barnala	Barnala	S-NPP	30.37967	75.62084	13:41:52	D	2.60
26	Barnala	Barnala	S-NPP	30.38195	75.62383	13:41:52	D	3.50
27	Barnala	Barnala	S-NPP	30.38634	75.55798	13:41:52	D	3.80
28	Barnala	Barnala	S-NPP	30.43788	75.62056	13:41:52	D	3.60
29	Barnala	Barnala	AQUA	30.36700	75.57800	13:18:50	D	79.40

30	Barnala	Barnala	AQUA	30.37600	75.61500	13:18:50	D	34.30
31	Barnala	Mahal Kalan	S-NPP	30.46635	75.55869	13:41:52	D	8.10
32	Barnala	Mahal Kalan	S-NPP	30.51933	75.41441	13:41:52	D	1.30
33	Barnala	Mahal Kalan	S-NPP	30.53469	75.50612	13:41:52	D	3.50
34	Barnala	Mahal Kalan	S-NPP	30.53825	75.50552	13:41:52	D	5.60
35	Barnala	Mahal Kalan	S-NPP	30.55897	75.49727	13:41:52	D	3.50
36	Barnala	Sehna	S-NPP	30.36233	75.45364	13:41:52	D	3.40
37	Barnala	Sehna	S-NPP	30.36326	75.45222	13:41:52	D	10.80
38	Barnala	Sehna	S-NPP	30.36587	75.45304	13:41:52	D	9.90
39	Barnala	Sehna	S-NPP	30.41306	75.42625	13:41:52	D	3.20
40	Barnala	Sehna	S-NPP	30.44774	75.35958	13:41:52	D	7.90
41	Barnala	Sehna	S-NPP	30.48231	75.29461	13:41:52	D	20.60
42	Barnala	Sehna	S-NPP	30.48816	75.31221	13:41:52	D	6.40
43	Barnala	Sehna	S-NPP	30.48865	75.42902	13:41:52	D	3.70
44	Barnala	Sehna	S-NPP	30.49219	75.42842	13:41:52	D	15.10
45	Barnala	Sehna	TERRA	30.47900	75.44100	10:57:40	D	11.80
46	Barnala	Sehna	AQUA	30.48900	75.40900	13:18:50	D	26.00
47	Bathinda	Bathinda	S-NPP	30.15088	74.82652	13:41:52	D	19.40
48	Bathinda	Bathinda	S-NPP	30.17828	74.75176	13:41:52	D	10.30
49	Bathinda	Bathinda	S-NPP	30.18401	74.87522	13:41:52	D	3.20
50	Bathinda	Bathinda	S-NPP	30.24561	74.83315	13:41:52	D	1.90
51	Bathinda	Bathinda	S-NPP	30.24837	74.77483	13:41:52	D	4.60
52	Bathinda	Bhagta Bhai Ka	S-NPP	30.46653	75.22783	13:41:52	D	11.60
53	Bathinda	Bhagta Bhai Ka	S-NPP	30.49989	75.23595	13:41:52	D	2.30
54	Bathinda	Bhagta Bhai Ka	S-NPP	30.53253	75.15651	13:41:52	D	4.70
55	Bathinda	Bhagta Bhai Ka	S-NPP	30.54780	75.16418	13:41:52	D	17.00
56	Bathinda	Bhagta Bhai Ka	S-NPP	30.55539	75.16747	13:41:52	D	2.00
57	Bathinda	Goniana Mandi	S-NPP	30.36553	75.03340	13:41:52	D	11.70
58	Bathinda	Maur	S-NPP	30.01328	75.21769	13:41:52	D	1.90
59	Bathinda	Maur	S-NPP	30.01559	75.23553	13:41:52	D	5.10
60	Bathinda	Maur	S-NPP	30.05523	75.21046	13:41:52	D	2.20
61	Bathinda	Maur	S-NPP	30.10598	75.24282	13:41:52	D	2.20
62	Bathinda	Maur	S-NPP	30.12447	75.19123	13:41:52	D	13.90

63	Bathinda	Maur	S-NPP	30.12681	75.18169	13:41:52	D	2.30
64	Bathinda	Nathana	S-NPP	30.25630	75.21094	13:41:52	D	3.20
65	Bathinda	Nathana	S-NPP	30.28192	75.13335	13:41:52	D	2.50
66	Bathinda	Phul	S-NPP	30.34684	75.24702	13:41:52	D	6.20
67	Bathinda	Rampura	S-NPP	30.12969	75.33627	02:31:10	N	5.80
68	Bathinda	Rampura	S-NPP	30.17804	75.16374	13:41:52	D	1.80
69	Bathinda	Rampura	S-NPP	30.20035	75.30655	13:41:52	D	21.90
70	Bathinda	Sangat	S-NPP	29.98002	74.82848	13:41:52	D	2.10
71	Bathinda	Sangat	S-NPP	30.06272	74.81392	13:41:52	D	3.70
72	Bathinda	Sangat	S-NPP	30.07671	74.82628	13:41:52	D	4.10
73	Bathinda	Sangat	S-NPP	30.08070	74.72388	13:41:52	D	8.10
74	Bathinda	Sangat	S-NPP	30.08414	74.72327	13:41:52	D	6.40
75	Bathinda	Sangat	S-NPP	30.08648	74.82013	13:41:52	D	2.30
76	Bathinda	Sangat	S-NPP	30.13950	74.89982	13:41:52	D	3.90
77	Bathinda	Talwandi Sabo	S-NPP	29.82741	75.14330	13:41:52	D	4.80
78	Bathinda	Talwandi Sabo	S-NPP	29.97425	74.91828	13:41:52	D	6.00
79	Bathinda	Talwandi Sabo	S-NPP	30.02556	74.95836	13:41:52	D	3.50
80	Bathinda	Talwandi Sabo	S-NPP	30.02841	74.92661	13:41:52	D	6.60
81	Bathinda	Talwandi Sabo	S-NPP	30.02906	75.01150	13:41:52	D	1.70
82	Bathinda	Talwandi Sabo	S-NPP	30.03138	75.02906	13:41:52	D	2.50
83	Bathinda	Talwandi Sabo	S-NPP	30.03716	75.01907	13:41:52	D	2.80
84	Faridkot	Faridkot	S-NPP	30.64122	74.67403	13:41:52	D	2.40
85	Faridkot	Faridkot	S-NPP	30.68370	74.88671	13:41:52	D	5.90
86	Faridkot	Faridkot	S-NPP	30.71037	74.90015	13:41:52	D	13.20
87	Faridkot	Faridkot	S-NPP	30.72580	74.71352	13:41:52	D	12.40
88	Faridkot	Faridkot	S-NPP	30.76336	74.78327	13:41:52	D	3.50
89	Faridkot	Faridkot	S-NPP	30.79054	74.80103	13:41:52	D	2.30
90	Faridkot	Faridkot	S-NPP	30.82220	74.62200	02:31:10	N	1.00
91	Faridkot	Faridkot	S-NPP	30.82505	74.62096	13:41:52	D	3.80
92	Faridkot	Faridkot	S-NPP	30.82563	74.62283	02:31:10	N	4.70
93	Faridkot	Faridkot	TERRA	30.82400	74.62600	10:57:40	D	14.80
94	Faridkot	Jaiton	S-NPP	30.38162	74.94013	13:41:52	D	1.70
95	Faridkot	Jaiton	S-NPP	30.39358	74.87057	13:41:52	D	3.00

96	Faridkot	Jaiton	S-NPP	30.39533	74.87141	13:41:52	D	3.40
97	Faridkot	Jaiton	S-NPP	30.39649	74.85325	13:41:52	D	2.50
98	Faridkot	Jaiton	S-NPP	30.40858	74.75723	13:41:52	D	4.30
99	Faridkot	Jaiton	S-NPP	30.41021	75.02108	13:41:52	D	5.30
100	Faridkot	Jaiton	S-NPP	30.41082	75.01769	13:41:52	D	4.00
101	Faridkot	Jaiton	S-NPP	30.41957	74.92114	13:41:52	D	6.70
102	Faridkot	Jaiton	S-NPP	30.42304	74.92054	13:41:52	D	6.70
103	Faridkot	Jaiton	S-NPP	30.43171	74.93255	13:41:52	D	5.10
104	Faridkot	Jaiton	S-NPP	30.45299	74.82535	13:41:52	D	1.90
105	Faridkot	Jaiton	S-NPP	30.46495	74.75616	13:41:52	D	2.10
106	Faridkot	Jaiton	S-NPP	30.46800	74.83167	13:41:52	D	36.90
107	Faridkot	Jaiton	AQUA	30.42000	74.76800	13:18:50	D	36.70
108	Faridkot	Jaiton	AQUA	30.43000	74.81000	13:18:50	D	37.60
109	Faridkot	Kot Kapura	S-NPP	30.52068	74.84574	13:41:52	D	6.70
110	Faridkot	Kot Kapura	S-NPP	30.55286	74.74143	13:41:52	D	3.30
111	Faridkot	Kot Kapura	S-NPP	30.59426	74.94575	13:41:52	D	2.10
112	Faridkot	Kot Kapura	S-NPP	30.59886	74.92680	13:41:52	D	7.50
113	Faridkot	Kot Kapura	S-NPP	30.59945	74.93123	13:41:52	D	12.20
114	Faridkot	Kot Kapura	S-NPP	30.67035	74.86642	13:41:52	D	2.00
115	Fatehgarh Sahib	Sirhind	S-NPP	30.46760	76.42044	13:41:52	D	15.20
116	Fazilka	Abohar	S-NPP	30.09173	74.31714	13:41:52	D	5.90
117	Fazilka	Abohar	S-NPP	30.12200	74.30809	13:41:52	D	17.60
118	Fazilka	Abohar	S-NPP	30.13626	74.36156	13:41:52	D	2.10
119	Fazilka	Abohar	S-NPP	30.20722	74.24580	13:41:52	D	3.00
120	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.34356	74.12288	13:41:52	D	11.70
121	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.35314	74.11684	13:41:52	D	9.80
122	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.35652	74.11622	13:41:52	D	9.80
123	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.36330	74.29145	13:41:52	D	6.40
124	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.38168	74.19748	13:41:52	D	12.50
125	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.38846	74.19624	13:41:52	D	4.10
126	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.40553	74.21897	13:41:52	D	6.60
127	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.40892	74.21835	13:41:52	D	7.30
128	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.42855	74.18516	13:41:52	D	4.00

129	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.42913	74.18935	13:41:52	D	4.00
130	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.44940	74.15981	13:41:52	D	28.40
131	Fazilka	Fazilka	S-NPP	30.32813	74.06156	13:41:52	D	9.10
132	Fazilka	Fazilka	S-NPP	30.35412	73.95026	13:41:52	D	2.20
133	Fazilka	Fazilka	S-NPP	30.36177	73.90638	13:41:52	D	3.60
134	Fazilka	Fazilka	S-NPP	30.36235	73.91051	13:41:52	D	3.60
135	Fazilka	Fazilka	S-NPP	30.37064	73.99401	13:41:52	D	13.40
136	Fazilka	Fazilka	S-NPP	30.37200	73.90067	13:41:52	D	4.00
137	Fazilka	Fazilka	S-NPP	30.37402	73.99338	13:41:52	D	13.40
138	Fazilka	Fazilka	S-NPP	30.37652	73.90832	13:41:52	D	14.40
139	Fazilka	Fazilka	S-NPP	30.40626	74.07330	13:41:52	D	5.60
140	Fazilka	Fazilka	S-NPP	30.40964	74.07268	13:41:52	D	5.60
141	Fazilka	Fazilka	S-NPP	30.40990	73.97440	13:41:52	D	10.70
142	Fazilka	Fazilka	S-NPP	30.43081	74.00037	13:41:52	D	23.10
143	Fazilka	Fazilka	S-NPP	30.43940	74.03724	13:41:52	D	3.20
144	Fazilka	Fazilka	S-NPP	30.44277	74.03661	13:41:52	D	3.90
145	Fazilka	Fazilka	S-NPP	30.45258	73.95797	13:41:52	D	2.10
146	Fazilka	Fazilka	S-NPP	30.46431	74.06689	13:41:52	D	2.40
147	Fazilka	Fazilka	S-NPP	30.46510	74.12253	13:41:52	D	2.70
148	Fazilka	Fazilka	S-NPP	30.46626	74.13091	13:41:52	D	2.00
149	Fazilka	Fazilka	S-NPP	30.46916	74.15188	13:41:52	D	5.40
150	Fazilka	Fazilka	S-NPP	30.47013	74.10872	13:41:52	D	9.10
151	Fazilka	Fazilka	S-NPP	30.47504	74.06919	13:41:52	D	3.90
152	Fazilka	Fazilka	S-NPP	30.50958	74.03859	13:41:52	D	2.80
153	Fazilka	Guruhar Sahai	S-NPP	30.54983	74.33356	13:41:52	D	3.40
154	Fazilka	Guruhar Sahai	S-NPP	30.59769	74.37725	13:41:52	D	3.90
155	Fazilka	Guruhar Sahai	S-NPP	30.60161	74.35469	13:41:52	D	5.60
156	Fazilka	Guruhar Sahai	S-NPP	30.60219	74.35895	13:41:52	D	5.60
157	Fazilka	Guruhar Sahai	S-NPP	30.60619	74.36260	13:41:52	D	20.00
158	Fazilka	Guruhar Sahai	S-NPP	30.60661	74.31453	13:41:52	D	17.00
159	Fazilka	Guruhar Sahai	S-NPP	30.61584	74.35648	13:41:52	D	8.10
160	Fazilka	Guruhar Sahai	S-NPP	30.63219	74.24961	13:41:52	D	3.20
161	Fazilka	Guruhar Sahai	S-NPP	30.64752	74.25986	13:41:52	D	3.30

162	Fazilka	Guruhar Sahai	S-NPP	30.64810	74.26411	13:41:52	D	3.30
163	Fazilka	Guruhar Sahai	S-NPP	30.65668	74.30174	13:41:52	D	5.50
164	Fazilka	Guruhar Sahai	S-NPP	30.66359	74.35288	13:41:52	D	5.70
165	Fazilka	Jalalabad	S-NPP	30.42866	74.23689	13:41:52	D	6.00
166	Fazilka	Jalalabad	S-NPP	30.44391	74.22117	13:41:52	D	14.70
167	Fazilka	Jalalabad	S-NPP	30.44968	74.26333	13:41:52	D	8.90
168	Fazilka	Jalalabad	S-NPP	30.45525	74.22772	13:41:52	D	8.10
169	Fazilka	Jalalabad	S-NPP	30.45749	74.21867	13:41:52	D	3.60
170	Fazilka	Jalalabad	S-NPP	30.46089	74.21806	13:41:52	D	9.20
171	Fazilka	Jalalabad	S-NPP	30.47893	74.19750	13:41:52	D	10.10
172	Fazilka	Jalalabad	S-NPP	30.47985	74.30553	13:41:52	D	3.70
173	Fazilka	Jalalabad	S-NPP	30.48388	74.15779	13:41:52	D	13.50
174	Fazilka	Jalalabad	S-NPP	30.48448	74.33945	13:41:52	D	9.90
175	Fazilka	Jalalabad	S-NPP	30.48491	74.29158	13:41:52	D	48.20
176	Fazilka	Jalalabad	S-NPP	30.48689	74.20467	13:41:52	D	3.90
177	Fazilka	Jalalabad	S-NPP	30.48789	74.33883	13:41:52	D	9.90
178	Fazilka	Jalalabad	S-NPP	30.48905	74.34732	13:41:52	D	4.80
179	Fazilka	Jalalabad	S-NPP	30.49288	74.29881	13:41:52	D	5.70
180	Fazilka	Jalalabad	S-NPP	30.49346	74.30305	13:41:52	D	3.00
181	Fazilka	Jalalabad	S-NPP	30.49677	74.27641	13:41:52	D	6.90
182	Fazilka	Jalalabad	S-NPP	30.50367	74.30119	13:41:52	D	2.50
183	Fazilka	Jalalabad	S-NPP	30.50465	74.25765	13:41:52	D	2.50
184	Fazilka	Jalalabad	S-NPP	30.50707	74.30058	13:41:52	D	18.40
185	Fazilka	Jalalabad	S-NPP	30.51290	74.34301	13:41:52	D	3.50
186	Fazilka	Jalalabad	S-NPP	30.51521	74.20814	13:41:52	D	7.80
187	Fazilka	Jalalabad	S-NPP	30.51524	74.36001	13:41:52	D	3.00
188	Fazilka	Jalalabad	S-NPP	30.52166	74.12654	13:41:52	D	8.00
189	Fazilka	Jalalabad	S-NPP	30.52699	74.24216	13:41:52	D	11.90
190	Fazilka	Jalalabad	S-NPP	30.53143	74.19807	13:41:52	D	5.30
191	Fazilka	Jalalabad	S-NPP	30.54703	74.10896	13:41:52	D	2.20
192	Fazilka	Jalalabad	S-NPP	30.55089	74.28986	13:41:52	D	3.30
193	Fazilka	Jalalabad	S-NPP	30.55512	74.16781	13:41:52	D	3.50
194	Fazilka	Jalalabad	S-NPP	30.56091	74.20998	13:41:52	D	5.50

195	Fazilka	Jalalabad	S-NPP	30.58410	74.20140	13:41:52	D	41.40
196	Fazilka	Jalalabad	S-NPP	30.58487	74.10630	13:41:52	D	9.50
197	Fazilka	Jalalabad	S-NPP	30.58750	74.20078	13:41:52	D	7.90
198	Fazilka	Jalalabad	S-NPP	30.59118	74.12668	13:41:52	D	1.70
199	Fazilka	Jalalabad	S-NPP	30.61244	74.20488	13:41:52	D	5.60
200	Fazilka	Jalalabad	S-NPP	30.62134	74.16862	13:41:52	D	1.90
201	Fazilka	Jalalabad	S-NPP	30.62463	74.14272	13:41:52	D	20.00
202	Fazilka	Jalalabad	S-NPP	30.62693	74.15958	13:41:52	D	5.40
203	Fazilka	Jalalabad	S-NPP	30.63429	74.16255	13:41:52	D	25.10
204	Fazilka	Jalalabad	S-NPP	30.63774	74.18787	13:41:52	D	6.20
205	Fazilka	Jalalabad	S-NPP	30.63827	74.16615	13:41:52	D	18.70
206	Fazilka	Jalalabad	S-NPP	30.63942	74.17458	13:41:52	D	7.00
207	Fazilka	Jalalabad	S-NPP	30.63999	74.17880	13:41:52	D	7.00
208	Fazilka	Jalalabad	S-NPP	30.64114	74.18726	13:41:52	D	6.20
209	Fazilka	Jalalabad	S-NPP	30.64281	74.17396	13:41:52	D	2.20
210	Fazilka	Jalalabad	S-NPP	30.64454	74.18663	13:41:52	D	4.10
211	Fazilka	Jalalabad	S-NPP	30.65364	74.20229	13:41:52	D	5.70
212	Fazilka	Jalalabad	S-NPP	30.65415	74.18054	13:41:52	D	13.50
213	Fazilka	Khuian Sarwar	S-NPP	30.20103	74.02468	13:41:52	D	6.00
214	Fazilka	Khuian Sarwar	S-NPP	30.20728	74.04479	13:41:52	D	3.20
215	Fazilka	Khuian Sarwar	S-NPP	30.22078	74.04230	13:41:52	D	2.90
216	Fazilka	Khuian Sarwar	S-NPP	30.22415	74.04168	13:41:52	D	2.90
217	Fazilka	Khuian Sarwar	S-NPP	30.24534	73.99526	13:41:52	D	1.80
218	Fazilka	Khuian Sarwar	S-NPP	30.24755	73.98636	13:41:52	D	3.60
219	Fazilka	Khuian Sarwar	S-NPP	30.26348	74.02592	13:41:52	D	12.00
220	Fazilka	Khuian Sarwar	S-NPP	30.34424	74.00315	13:41:52	D	2.90
221	Firozpur	Firozpur	S-NPP	30.83524	74.53894	13:41:52	D	3.30
222	Firozpur	Firozpur	S-NPP	30.93290	74.49107	13:41:52	D	4.10
223	Firozpur	Firozpur	S-NPP	31.09343	74.80624	13:41:52	D	2.20
224	Firozpur	Ghall Khurd	S-NPP	30.78493	74.89263	13:41:52	D	1.30
225	Firozpur	Ghall Khurd	S-NPP	30.78544	74.89039	02:31:10	N	8.50
226	Firozpur	Ghall Khurd	S-NPP	30.78841	74.89201	13:41:52	D	24.50
227	Firozpur	Ghall Khurd	S-NPP	30.78891	74.89123	02:31:10	N	8.50

228	Firozpur	Ghall Khurd	S-NPP	30.80691	74.87059	13:41:52	D	8.20
229	Firozpur	Ghall Khurd	S-NPP	30.83552	74.91696	13:41:52	D	2.90
230	Firozpur	Ghall Khurd	S-NPP	30.88076	74.88167	13:41:52	D	2.90
231	Firozpur	Ghall Khurd	S-NPP	30.95570	74.71527	13:41:52	D	4.90
232	Firozpur	Ghall Khurd	S-NPP	30.99396	74.78994	13:41:52	D	6.40
233	Firozpur	Ghall Khurd	TERRA	30.78100	74.89900	10:57:40	D	6.50
234	Firozpur	Ghall Khurd	TERRA	30.78300	74.88800	10:57:40	D	8.30
235	Firozpur	Ghall Khurd	TERRA	30.78900	74.89500	10:57:40	D	25.60
236	Firozpur	Guruhar Sahai	S-NPP	30.60407	74.42427	13:41:52	D	1.70
237	Firozpur	Guruhar Sahai	S-NPP	30.60677	74.36687	13:41:52	D	20.00
238	Firozpur	Guruhar Sahai	S-NPP	30.60749	74.42365	13:41:52	D	1.70
239	Firozpur	Guruhar Sahai	S-NPP	30.62400	74.41628	13:41:52	D	5.50
240	Firozpur	Guruhar Sahai	S-NPP	30.65369	74.42847	13:41:52	D	24.50
241	Firozpur	Guruhar Sahai	S-NPP	30.65395	74.38527	13:41:52	D	3.50
242	Firozpur	Guruhar Sahai	S-NPP	30.65663	74.44991	13:41:52	D	14.20
243	Firozpur	Guruhar Sahai	S-NPP	30.65737	74.38465	13:41:52	D	8.90
244	Firozpur	Guruhar Sahai	S-NPP	30.65914	74.45020	13:41:52	D	30.90
245	Firozpur	Guruhar Sahai	S-NPP	30.66005	74.44930	13:41:52	D	14.20
246	Firozpur	Guruhar Sahai	S-NPP	30.66114	74.25738	13:41:52	D	13.90
247	Firozpur	Guruhar Sahai	S-NPP	30.68735	74.29616	13:41:52	D	2.80
248	Firozpur	Guruhar Sahai	S-NPP	30.69153	74.37846	13:41:52	D	2.50
249	Firozpur	Guruhar Sahai	S-NPP	30.71145	74.37048	13:41:52	D	3.40
250	Firozpur	Guruhar Sahai	S-NPP	30.71165	74.44952	13:41:52	D	6.70
251	Firozpur	Guruhar Sahai	S-NPP	30.71295	74.30458	13:41:52	D	2.00
252	Firozpur	Guruhar Sahai	S-NPP	30.71841	74.24258	13:41:52	D	2.20
253	Firozpur	Guruhar Sahai	S-NPP	30.72425	74.46487	13:41:52	D	8.70
254	Firozpur	Guruhar Sahai	S-NPP	30.74705	74.29839	13:41:52	D	2.70
255	Firozpur	Makhu	S-NPP	31.01781	74.83576	13:41:52	D	2.60
256	Firozpur	Makhu	S-NPP	31.05398	74.96902	13:41:52	D	4.10
257	Firozpur	Makhu	S-NPP	31.07260	75.03047	13:41:52	D	6.80
258	Firozpur	Makhu	S-NPP	31.09527	74.87446	13:41:52	D	3.30
259	Firozpur	Makhu	S-NPP	31.09713	75.08192	13:41:52	D	13.40
260	Firozpur	Makhu	S-NPP	31.09772	75.05857	13:41:52	D	5.70

261	Firozpur	Mamdot	S-NPP	30.79818	74.31628	13:41:52	D	7.50
262	Firozpur	Mamdot	S-NPP	30.81158	74.44134	13:41:52	D	4.10
263	Firozpur	Mamdot	S-NPP	30.81443	74.43641	13:41:52	D	3.60
264	Firozpur	Mamdot	S-NPP	30.81501	74.44072	13:41:52	D	14.40
265	Firozpur	Mamdot	S-NPP	30.90199	74.49664	13:41:52	D	9.90
266	Firozpur	Mamdot	AQUA	30.80500	74.42700	13:18:50	D	47.70
267	Firozpur	Zira	S-NPP	30.95054	74.97571	13:41:52	D	13.80
268	Firozpur	Zira	S-NPP	30.95112	74.98020	13:41:52	D	13.80
269	Firozpur	Zira	S-NPP	30.95626	75.07626	13:41:52	D	3.20
270	Firozpur	Zira	S-NPP	30.96208	75.09378	13:41:52	D	3.40
271	Firozpur	Zira	S-NPP	30.96212	75.09262	13:41:52	D	2.80
272	Firozpur	Zira	S-NPP	30.97964	74.95222	13:41:52	D	10.20
273	Firozpur	Zira	S-NPP	30.98023	74.95673	13:41:52	D	10.20
274	Firozpur	Zira	S-NPP	30.99835	75.09678	13:41:52	D	3.90
275	Firozpur	Zira	S-NPP	31.01180	75.08979	13:41:52	D	8.50
276	Firozpur	Zira	S-NPP	31.01433	74.83637	13:41:52	D	2.20
277	Firozpur	Zira	S-NPP	31.04955	74.96761	13:41:52	D	3.10
278	Firozpur	Zira	S-NPP	31.04991	74.96513	13:41:52	D	3.00
279	Gurdaspur	Qadian	S-NPP	31.75299	75.42764	13:41:52	D	4.20
280	Gurdaspur	Qadian	S-NPP	31.75483	75.42534	13:41:52	D	3.60
281	Hoshiarpur	Mahilpur	S-NPP	31.28408	75.86711	13:41:52	D	6.30
282	Hoshiarpur	Mukerian	S-NPP	31.93484	75.64639	13:41:52	D	2.20
283	Jalandhar	Adampur	S-NPP	31.40154	75.70520	13:41:52	D	2.70
284	Jalandhar	Jalandhar East	S-NPP	31.22837	75.68584	13:41:52	D	3.50
285	Jalandhar	Jalandhar East	S-NPP	31.23013	75.64140	13:41:52	D	10.20
286	Jalandhar	Lohian	S-NPP	31.15046	75.10531	13:41:52	D	2.20
287	Jalandhar	Nakodar	S-NPP	31.13507	75.52594	13:41:52	D	3.90
288	Jalandhar	Nakodar	S-NPP	31.15893	75.51225	13:41:52	D	6.40
289	Jalandhar	Nakodar	S-NPP	31.16843	75.35698	13:41:52	D	7.20
290	Jalandhar	Nur Mahal	S-NPP	30.99136	75.62829	13:41:52	D	5.30
291	Jalandhar	Nur Mahal	S-NPP	30.99672	75.61282	13:41:52	D	2.40
292	Jalandhar	Nur Mahal	S-NPP	31.12232	75.58354	13:41:52	D	5.20
293	Kapurthala	Dhilwan	S-NPP	31.45199	75.36606	13:41:52	D	3.20

294	Kapurthala	Dhilwan	S-NPP	31.45853	75.36012	13:41:52	D	16.50
295	Kapurthala	Dhilwan	S-NPP	31.46327	75.36895	13:41:52	D	4.50
296	Kapurthala	Dhilwan	S-NPP	31.46625	75.36362	13:41:52	D	3.70
297	Kapurthala	Dhilwan	S-NPP	31.47278	75.32883	13:41:52	D	1.00
298	Kapurthala	Kapurthala	S-NPP	31.33381	75.33679	13:41:52	D	2.70
299	Kapurthala	Kapurthala	S-NPP	31.34625	75.34905	13:41:52	D	2.60
300	Kapurthala	Kapurthala	S-NPP	31.36698	75.28332	13:41:52	D	4.30
301	Kapurthala	Kapurthala	AQUA	31.36000	75.27000	13:18:50	D	29.80
302	Kapurthala	Nadala	S-NPP	31.51931	75.46600	13:41:52	D	2.60
303	Kapurthala	Nadala	S-NPP	31.56546	75.41223	13:41:52	D	6.40
304	Kapurthala	Nadala	S-NPP	31.60124	75.52331	13:41:52	D	3.20
305	Kapurthala	Nadala	S-NPP	31.63244	75.56724	13:41:52	D	2.30
306	Kapurthala	Phagwara	S-NPP	31.27465	75.75895	13:41:52	D	1.80
307	Kapurthala	Phagwara	S-NPP	31.27553	75.88860	13:41:52	D	4.90
308	Kapurthala	Phagwara	S-NPP	31.29219	75.72134	13:41:52	D	6.00
309	Kapurthala	Phagwara	S-NPP	31.31387	75.71773	13:41:52	D	2.00
310	Kapurthala	Sultanpur Lodhi	S-NPP	31.15338	75.10014	13:41:52	D	6.10
311	Kapurthala	Sultanpur Lodhi	S-NPP	31.24767	75.27825	13:41:52	D	5.40
312	Ludhiana	Dehlon	S-NPP	30.83150	75.92097	13:41:52	D	9.60
313	Ludhiana	Ludhiana 1	S-NPP	30.87901	75.70836	13:41:52	D	8.30
314	Ludhiana	Ludhiana 2	S-NPP	30.98402	75.86513	13:41:52	D	10.10
315	Ludhiana	Maloud	S-NPP	30.67175	76.00893	13:41:52	D	3.00
316	Ludhiana	Pakhowal	S-NPP	30.79467	75.83325	13:41:52	D	3.90
317	Ludhiana	Pakhowal	S-NPP	30.80611	75.83627	13:41:52	D	2.50
318	Ludhiana	Raikot	S-NPP	30.59728	75.49686	13:41:52	D	8.00
319	Ludhiana	Raikot	S-NPP	30.60178	75.62009	13:41:52	D	3.20
320	Ludhiana	Raikot	S-NPP	30.60184	75.59134	13:41:52	D	5.00
321	Ludhiana	Raikot	S-NPP	30.62152	75.54506	13:41:52	D	3.30
322	Ludhiana	Sidhwan Bet	S-NPP	30.84023	75.60334	13:41:52	D	3.60
323	Ludhiana	Sidhwan Bet	S-NPP	30.85041	75.42455	13:41:52	D	9.60
324	Ludhiana	Sidhwan Bet	S-NPP	30.85217	75.38158	13:41:52	D	8.20
325	Ludhiana	Sidhwan Bet	S-NPP	30.85571	75.38098	13:41:52	D	8.20
326	Ludhiana	Sidhwan Bet	S-NPP	30.87053	75.41164	13:41:52	D	3.70

327	Ludhiana	Sidhwan Bet	S-NPP	30.95081	75.36648	13:41:52	D	3.80
328	Malerkotla	Ahmedgarh	S-NPP	30.56920	75.77840	13:41:52	D	4.30
329	Malerkotla	Ahmedgarh	S-NPP	30.56980	75.78315	13:41:52	D	4.30
330	Malerkotla	Ahmedgarh	S-NPP	30.64065	75.87560	13:41:52	D	6.00
331	Malerkotla	Malerkotla	S-NPP	30.58350	75.98191	13:41:52	D	2.90
332	Mansa	Bhikki	S-NPP	30.09912	75.40972	13:41:52	D	3.80
333	Mansa	Bhikki	S-NPP	30.14100	75.50973	13:41:52	D	2.00
334	Mansa	Bhikki	S-NPP	30.14936	75.35682	13:41:52	D	2.20
335	Mansa	Budhlada	S-NPP	29.78178	75.42742	13:41:52	D	14.00
336	Mansa	Budhlada	S-NPP	29.78412	75.41783	13:41:52	D	4.50
337	Mansa	Budhlada	S-NPP	29.78530	75.42683	13:41:52	D	14.00
338	Mansa	Budhlada	S-NPP	29.90401	75.53768	13:41:52	D	3.00
339	Mansa	Budhlada	S-NPP	29.92688	75.46416	13:41:52	D	2.50
340	Mansa	Jhunir	S-NPP	29.77065	75.39716	13:41:52	D	2.70
341	Mansa	Jhunir	S-NPP	29.78646	75.40825	13:41:52	D	19.30
342	Mansa	Mansa	S-NPP	29.99633	75.36580	13:41:52	D	2.20
343	Mansa	Mansa	S-NPP	30.01385	75.33521	13:41:52	D	1.60
344	Mansa	Mansa	S-NPP	30.03987	75.39669	13:41:52	D	3.00
345	Mansa	Mansa	S-NPP	30.12613	75.33540	02:31:10	N	0.70
346	Mansa	Sardulgarh	S-NPP	29.73326	75.35779	13:41:52	D	7.30
347	Moga	Bagha Purana	S-NPP	30.53977	75.01894	13:41:52	D	2.80
348	Moga	Bagha Purana	S-NPP	30.60323	75.09478	13:41:52	D	4.20
349	Moga	Bagha Purana	S-NPP	30.61757	74.98714	13:41:52	D	4.70
350	Moga	Bagha Purana	S-NPP	30.62106	74.98653	13:41:52	D	7.60
351	Moga	Bagha Purana	S-NPP	30.62172	75.01833	13:41:52	D	12.10
352	Moga	Bagha Purana	S-NPP	30.64724	74.96120	13:41:52	D	3.60
353	Moga	Bagha Purana	S-NPP	30.66467	75.09544	13:41:52	D	6.80
354	Moga	Bagha Purana	S-NPP	30.67048	75.00274	13:41:52	D	4.30
355	Moga	Bagha Purana	S-NPP	30.67747	75.19482	13:41:52	D	4.70
356	Moga	Bagha Purana	S-NPP	30.70027	75.12150	13:41:52	D	39.50
357	Moga	Bagha Purana	S-NPP	30.70378	75.12090	13:41:52	D	3.80
358	Moga	Bagha Purana	S-NPP	30.72061	75.05813	13:41:52	D	6.80
359	Moga	Bagha Purana	S-NPP	30.75364	74.92540	13:41:52	D	5.80

360	Moga	Bagha Purana	AQUA	30.61500	74.96900	13:18:50	D	25.30
361	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.87228	75.39711	13:41:52	D	22.40
362	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.87583	75.39651	13:41:52	D	25.90
363	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.89406	75.37617	13:41:52	D	9.90
364	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.91067	75.11082	13:41:52	D	27.70
365	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.91187	75.28814	13:41:52	D	32.20
366	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.93127	75.21442	13:41:52	D	6.10
367	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.93424	75.26549	13:41:52	D	7.40
368	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.95339	75.10806	13:41:52	D	4.60
369	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.96054	75.16265	13:41:52	D	3.50
370	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.96139	75.30794	13:41:52	D	4.40
371	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.96266	75.09833	13:41:52	D	3.40
372	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.96272	75.09717	13:41:52	D	2.80
373	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.96406	75.16205	13:41:52	D	3.50
374	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.96492	75.30733	13:41:52	D	5.80
375	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.99362	75.20023	13:41:52	D	15.30
376	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.99483	75.12531	13:41:52	D	5.80
377	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.99893	75.15723	13:41:52	D	21.70
378	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.99952	75.13381	13:41:52	D	2.10
379	Moga	Kot Ise Khan At Dharamkot	S-NPP	31.00186	75.15206	13:41:52	D	2.80
380	Moga	Kot Ise Khan At Dharamkot	S-NPP	31.00304	75.13320	13:41:52	D	2.10
381	Moga	Kot Ise Khan At Dharamkot	S-NPP	31.00656	75.13260	13:41:52	D	6.50
382	Moga	Kot Ise Khan At Dharamkot	S-NPP	31.03882	75.15968	13:41:52	D	4.10
383	Moga	Kot Ise Khan At Dharamkot	S-NPP	31.04815	75.12074	13:41:52	D	2.40
384	Moga	Kot Ise Khan At Dharamkot	AQUA	30.86600	75.38200	13:18:50	D	31.40
385	Moga	Kot Ise Khan At Dharamkot	AQUA	30.89600	75.32400	13:18:50	D	37.90
386	Moga	Kot Ise Khan At Dharamkot	AQUA	30.98500	75.16600	13:18:50	D	26.40
387	Moga	Kot Ise Khan At Dharamkot	AQUA	30.98600	75.12800	13:18:50	D	36.40
388	Moga	Kot Ise Khan At Dharamkot	AQUA	30.98800	75.21100	13:18:50	D	34.90
389	Moga	Kot Ise Khan At Dharamkot	AQUA	30.99500	75.20500	13:18:50	D	42.50
390	Moga	Moga 1	S-NPP	30.72840	75.17212	13:41:52	D	10.00
391	Moga	Moga 1	S-NPP	30.75452	75.37327	13:41:52	D	2.40
392	Moga	Moga 1	S-NPP	30.76734	75.28312	13:41:52	D	1.80

393	Moga	Moga 1	S-NPP	30.76792	75.28175	13:41:52	D	2.30
394	Moga	Moga 1	S-NPP	30.77570	75.17905	13:41:52	D	4.00
395	Moga	Moga 1	S-NPP	30.79035	75.18118	13:41:52	D	5.20
396	Moga	Moga 1	S-NPP	30.79557	75.27827	13:41:52	D	2.60
397	Moga	Moga 1	S-NPP	30.80265	75.19301	13:41:52	D	6.10
398	Moga	Moga 1	S-NPP	30.83087	75.27222	13:41:52	D	12.40
399	Moga	Moga 1	S-NPP	30.83555	75.25268	13:41:52	D	2.80
400	Moga	Moga 1	S-NPP	30.83737	75.32276	13:41:52	D	2.50
401	Moga	Moga 1	S-NPP	30.83796	75.32738	13:41:52	D	3.80
402	Moga	Moga 1	S-NPP	30.84677	75.28356	13:41:52	D	4.70
403	Moga	Moga 1	S-NPP	30.85089	75.28755	13:41:52	D	3.80
404	Moga	Moga 1	S-NPP	30.85731	75.25362	13:41:52	D	9.80
405	Moga	Moga 1	S-NPP	30.86801	75.30811	13:41:52	D	21.90
406	Moga	Moga 2	S-NPP	30.73459	75.05570	13:41:52	D	4.30
407	Moga	Moga 2	S-NPP	30.73809	75.05509	13:41:52	D	9.70
408	Moga	Moga 2	S-NPP	30.73845	75.05615	13:41:52	D	5.30
409	Moga	Moga 2	S-NPP	30.75360	75.06270	13:41:52	D	2.70
410	Moga	Moga 2	S-NPP	30.78217	75.06233	13:41:52	D	2.80
411	Moga	Moga 2	S-NPP	30.79735	75.09657	13:41:52	D	1.40
412	Moga	Moga 2	S-NPP	30.80321	75.11404	13:41:52	D	7.50
413	Moga	Moga 2	S-NPP	30.80649	74.94805	13:41:52	D	1.50
414	Moga	Moga 2	S-NPP	30.80939	74.94298	13:41:52	D	2.20
415	Moga	Moga 2	S-NPP	30.82711	75.07755	13:41:52	D	9.70
416	Moga	Moga 2	S-NPP	30.84951	75.16631	13:41:52	D	2.70
417	Moga	Nihal Singh	S-NPP	30.52048	75.33928	13:41:52	D	6.30
418	Moga	Nihal Singh	S-NPP	30.56049	75.29169	13:41:52	D	3.20
419	Moga	Nihal Singh	S-NPP	30.56508	75.35629	13:41:52	D	8.00
420	Moga	Nihal Singh	S-NPP	30.56641	75.35949	13:41:52	D	9.90
421	Moga	Nihal Singh	S-NPP	30.58270	75.38140	13:41:52	D	2.70
422	Moga	Nihal Singh	S-NPP	30.59163	75.19816	13:41:52	D	3.50
423	Moga	Nihal Singh	S-NPP	30.60570	75.25137	13:41:52	D	5.80
424	Moga	Nihal Singh	S-NPP	30.66398	75.33938	13:41:52	D	20.40
425	Moga	Nihal Singh	S-NPP	30.67271	75.27006	13:41:52	D	10.00

426	Moga	Nihal Singh	AQUA	30.55700	75.29900	13:18:50	D	38.10
427	Moga	Nihal Singh	AQUA	30.56400	75.29000	13:18:50	D	50.90
428	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.34359	74.68333	13:41:52	D	5.70
429	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.34704	74.68272	13:41:52	D	5.70
430	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.36909	74.76760	13:41:52	D	2.30
431	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.38266	74.61550	13:41:52	D	3.80
432	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.23400	74.70300	13:18:50	D	21.50
433	Muktsar	Lambi	S-NPP	29.96391	74.68162	13:41:52	D	2.70
434	Muktsar	Lambi	S-NPP	29.97111	74.52767	13:41:52	D	4.60
435	Muktsar	Lambi	S-NPP	30.04520	74.64232	13:41:52	D	2.10
436	Muktsar	Lambi	S-NPP	30.04862	74.64171	13:41:52	D	2.10
437	Muktsar	Lambi	S-NPP	30.05259	74.59286	13:41:52	D	5.60
438	Muktsar	Lambi	S-NPP	30.05601	74.59225	13:41:52	D	5.60
439	Muktsar	Lambi	S-NPP	30.07719	74.64538	13:41:52	D	2.50
440	Muktsar	Lambi	S-NPP	30.08405	74.64416	13:41:52	D	83.80
441	Muktsar	Lambi	S-NPP	30.09090	74.64293	13:41:52	D	6.10
442	Muktsar	Lambi	S-NPP	30.11025	74.60444	13:41:52	D	15.90
443	Muktsar	Lambi	S-NPP	30.11994	74.59833	13:41:52	D	2.10
444	Muktsar	Lambi	S-NPP	30.13130	74.57880	13:41:52	D	3.10
445	Muktsar	Malout	S-NPP	30.16098	74.54381	13:41:52	D	5.70
446	Muktsar	Malout	S-NPP	30.17939	74.37102	13:41:52	D	2.30
447	Muktsar	Malout	S-NPP	30.27597	74.34112	13:41:52	D	3.90
448	Muktsar	Muktsar	S-NPP	30.38710	74.51794	13:41:52	D	45.20
449	Muktsar	Muktsar	S-NPP	30.39647	74.38085	13:41:52	D	18.20
450	Muktsar	Muktsar	S-NPP	30.40137	74.51977	13:41:52	D	4.20
451	Muktsar	Muktsar	S-NPP	30.42088	74.56020	13:41:52	D	2.20
452	Muktsar	Muktsar	S-NPP	30.42306	74.27250	13:41:52	D	2.20
453	Muktsar	Muktsar	S-NPP	30.42431	74.55958	13:41:52	D	2.20
454	Muktsar	Muktsar	S-NPP	30.42703	74.27610	13:41:52	D	7.00
455	Muktsar	Muktsar	S-NPP	30.43110	74.53198	13:41:52	D	13.00
456	Muktsar	Muktsar	S-NPP	30.43226	74.54057	13:41:52	D	10.40
457	Muktsar	Muktsar	S-NPP	30.43395	74.35296	13:41:52	D	3.80
458	Muktsar	Muktsar	S-NPP	30.43452	74.35720	13:41:52	D	12.20

459	Muktsar	Muktsar	S-NPP	30.43569	74.53995	13:41:52	D	10.40
460	Muktsar	Muktsar	S-NPP	30.44600	74.46861	13:41:52	D	5.20
461	Muktsar	Muktsar	S-NPP	30.44745	74.47203	13:41:52	D	5.20
462	Muktsar	Muktsar	S-NPP	30.45850	74.70832	13:41:52	D	2.30
463	Muktsar	Muktsar	S-NPP	30.45967	74.71700	13:41:52	D	5.60
464	Muktsar	Muktsar	S-NPP	30.50314	74.52859	13:41:52	D	6.50
465	Muktsar	Muktsar	S-NPP	30.53128	74.58090	13:41:52	D	1.30
466	Muktsar	Muktsar	S-NPP	30.57740	74.51257	13:41:52	D	2.30
467	Muktsar	Muktsar	S-NPP	30.57846	74.64336	13:41:52	D	8.90
468	Muktsar	Muktsar	S-NPP	30.58082	74.51196	13:41:52	D	5.70
469	Muktsar	Muktsar	S-NPP	30.58091	74.64473	13:41:52	D	12.50
470	Muktsar	Muktsar	S-NPP	30.59523	74.61996	13:41:52	D	1.80
471	Muktsar	Muktsar	S-NPP	30.61297	74.59460	13:41:52	D	5.40
472	Muktsar	Muktsar	S-NPP	30.65790	74.48489	13:41:52	D	4.50
473	Muktsar	Muktsar	TERRA	30.38600	74.52100	10:57:40	D	98.30
474	Muktsar	Muktsar	TERRA	30.38800	74.51000	10:57:40	D	9.80
475	Patiala	Nabha	S-NPP	30.40564	76.25193	13:41:52	D	2.60
476	Patiala	Nabha	S-NPP	30.43185	76.10222	13:41:52	D	2.60
477	Patiala	Nabha	S-NPP	30.52437	76.25496	13:41:52	D	3.00
478	Patiala	Nabha	AQUA	30.37600	76.08600	13:18:50	D	31.30
479	Patiala	Patran	S-NPP	29.88422	76.08256	13:41:52	D	4.80
480	Patiala	Patran	S-NPP	29.88484	76.11669	13:41:52	D	2.90
481	Patiala	Patran	S-NPP	29.88604	76.09692	13:41:52	D	1.80
482	Patiala	Patran	S-NPP	29.96338	76.17979	13:41:52	D	12.30
483	Patiala	Patran	S-NPP	30.05738	76.07264	13:41:52	D	4.10
484	Patiala	Samana	S-NPP	30.01982	76.21523	13:41:52	D	2.10
485	Patiala	Samana	S-NPP	30.02162	76.20006	13:41:52	D	2.10
486	Patiala	Samana	S-NPP	30.02439	76.19646	13:41:52	D	9.30
487	Patiala	Samana	S-NPP	30.02527	76.19946	13:41:52	D	4.10
488	Patiala	Samana	S-NPP	30.05664	76.15652	13:41:52	D	5.30
489	Sangrur	Andana	S-NPP	29.76483	75.90162	13:41:52	D	2.20
490	Sangrur	Andana	S-NPP	29.77711	75.87320	13:41:52	D	6.50
491	Sangrur	Andana	S-NPP	29.78596	75.91480	13:41:52	D	6.70

492	Sangrur	Andana	S-NPP	29.82955	75.97015	13:41:52	D	12.40
493	Sangrur	Andana	S-NPP	29.83070	76.00864	13:41:52	D	5.90
494	Sangrur	Andana	S-NPP	29.84392	75.99679	13:41:52	D	13.50
495	Sangrur	Andana	S-NPP	29.84875	75.91884	13:41:52	D	2.50
496	Sangrur	Dirba	S-NPP	29.96773	76.00747	13:41:52	D	2.90
497	Sangrur	Dirba	S-NPP	30.06100	76.07205	13:41:52	D	4.10
498	Sangrur	Lehra Gaga	S-NPP	29.87203	75.87183	13:41:52	D	2.70
499	Sangrur	Lehra Gaga	S-NPP	29.93179	75.89734	13:41:52	D	2.80
500	Sangrur	Lehra Gaga	S-NPP	29.93662	75.79123	13:41:52	D	7.00
501	Sangrur	Sangrur	S-NPP	30.19732	75.61996	13:41:52	D	3.30
502	Sangrur	Sangrur	S-NPP	30.20208	75.60025	13:41:52	D	2.00
503	Sangrur	Sher Pur	S-NPP	30.32071	75.68655	13:41:52	D	3.80
504	Sangrur	Sher Pur	S-NPP	30.33561	75.66018	13:41:52	D	5.20
505	Sangrur	Sher Pur	S-NPP	30.43359	75.76041	13:41:52	D	6.30
506	Sangrur	Sher Pur	S-NPP	30.52558	75.72274	13:41:52	D	3.90
507	Sangrur	Sher Pur	S-NPP	30.53335	75.72626	13:41:52	D	5.10
508	Tarn Taran	Bhikhiwind	S-NPP	31.32258	74.66776	13:41:52	D	3.50
509	Tarn Taran	Chohla Sahib	S-NPP	31.27355	75.00272	13:41:52	D	1.40
510	Tarn Taran	Chohla Sahib	S-NPP	31.27368	75.00584	13:41:52	D	1.70
511	Tarn Taran	Chohla Sahib	S-NPP	31.30044	74.98871	13:41:52	D	3.10
512	Tarn Taran	Naushera Pannuan	S-NPP	31.36712	74.83929	13:41:52	D	1.70
513	Tarn Taran	Tarn Taran	S-NPP	31.47982	74.84926	13:41:52	D	4.40

Details of residue burning events in Haryana on 21-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	FATEHABAD	BHUNA	S-NPP	29.60720	75.62923	13:41:52	D	3.90
2	FATEHABAD	FATEHABAD	S-NPP	29.50601	75.29370	13:41:52	D	3.40
3	FATEHABAD	FATEHABAD	S-NPP	29.51367	75.57547	13:41:52	D	3.80
4	FATEHABAD	FATEHABAD	S-NPP	29.51420	75.57424	13:41:52	D	3.20
5	FATEHABAD	FATEHABAD	S-NPP	29.59571	75.35085	13:41:52	D	3.10
6	FATEHABAD	FATEHABAD	S-NPP	29.59644	75.35199	13:41:52	D	4.00
7	FATEHABAD	JAKHAL	S-NPP	29.72068	75.78529	13:41:52	D	2.80
8	FATEHABAD	JAKHAL	S-NPP	29.78159	75.73478	13:41:52	D	2.10
9	FATEHABAD	JAKHAL	S-NPP	29.78628	75.77182	13:41:52	D	7.00
10	FATEHABAD	JAKHAL	S-NPP	29.79936	75.76017	13:41:52	D	21.50
11	FATEHABAD	RATIA	S-NPP	29.60363	75.57418	13:41:52	D	3.40
12	FATEHABAD	RATIA	S-NPP	29.61485	75.60473	13:41:52	D	2.40
13	FATEHABAD	RATIA	S-NPP	29.62685	75.61812	13:41:52	D	2.80
14	FATEHABAD	RATIA	S-NPP	29.62724	75.61658	13:41:52	D	4.20
15	FATEHABAD	RATIA	S-NPP	29.71414	75.65006	13:41:52	D	11.60
16	FATEHABAD	RATIA	S-NPP	29.73531	75.54147	13:41:52	D	4.40
17	FATEHABAD	RATIA	S-NPP	29.73554	75.40316	13:41:52	D	3.30
18	FATEHABAD	RATIA	S-NPP	29.74130	75.47574	13:41:52	D	2.30
19	FATEHABAD	RATIA	S-NPP	29.76005	75.50951	13:41:52	D	2.80
20	FATEHABAD	TOHANA	S-NPP	29.74866	75.83279	13:41:52	D	4.20
21	HISAR	NARNAUND	S-NPP	29.31325	76.13723	13:41:52	D	3.30
22	HISAR	UKLANA	S-NPP	29.50015	75.80019	13:41:52	D	1.50
23	HISAR	UKLANA	S-NPP	29.50371	75.79959	13:41:52	D	1.50
24	HISAR	UKLANA	S-NPP	29.51498	75.80242	13:41:52	D	3.40
25	JIND	JIND	S-NPP	29.25484	76.23598	13:41:52	D	3.30
26	JIND	JIND	S-NPP	29.30290	76.20176	13:41:52	D	7.10
27	JIND	JIND	S-NPP	29.30349	76.20652	13:41:52	D	6.70
28	JIND	JIND	S-NPP	29.37346	76.35165	13:41:52	D	3.40
29	JIND	JULANA	S-NPP	29.12617	76.48055	13:41:52	D	5.10
30	JIND	JULANA	S-NPP	29.22272	76.33379	13:41:52	D	2.90
31	JIND	JULANA	S-NPP	29.23226	76.41091	13:41:52	D	5.80

32	JIND	UCHANA	S-NPP	29.44922	76.18932	13:41:52	D	6.00
33	JIND	UCHANA	S-NPP	29.49522	76.19841	13:41:52	D	2.40
34	JIND	UCHANA	S-NPP	29.50827	76.27465	13:41:52	D	5.30
35	JIND	UCHANA	S-NPP	29.57372	76.23459	13:41:52	D	2.30
36	KAITHAL	KALAYAT	S-NPP	29.75270	76.24380	13:41:52	D	4.30
37	KAITHAL	PUNDRI	S-NPP	29.68545	76.57328	13:41:52	D	9.10
38	KURUKSHETRA	PEHOWA	S-NPP	30.01962	76.62618	02:31:10	N	1.50
39	KURUKSHETRA	THANESAR	S-NPP	30.02186	76.78755	13:41:52	D	4.10
40	ROHTAK	MEHAM	S-NPP	28.89661	76.36156	13:41:52	D	8.00
41	ROHTAK	MEHAM	S-NPP	28.90338	76.29750	13:41:52	D	6.00
42	ROHTAK	MEHAM	S-NPP	28.96070	76.42934	13:41:52	D	4.20
43	ROHTAK	ROHTAK	S-NPP	28.91627	76.70446	13:41:52	D	3.50
44	ROHTAK	ROHTAK	S-NPP	28.98080	76.52956	13:41:52	D	2.10
45	SIRSA	BARAGUNDA	S-NPP	29.62331	75.12192	13:41:52	D	4.40
46	SIRSA	ELLENABAD	S-NPP	29.45025	74.87241	13:41:52	D	8.00
47	SIRSA	RANIA	S-NPP	29.46744	74.89569	13:41:52	D	4.70
48	SIRSA	RANIA	S-NPP	29.47089	74.89507	13:41:52	D	4.70
49	SIRSA	RANIA	S-NPP	29.51495	74.85667	13:41:52	D	1.50
50	SIRSA	RANIA	S-NPP	29.51739	74.92645	13:41:52	D	2.80
51	SIRSA	RANIA	S-NPP	29.54042	74.76576	13:41:52	D	2.40
52	SIRSA	RANIA	S-NPP	29.54729	74.89583	13:41:52	D	5.50
53	SIRSA	RANIA	S-NPP	29.54821	74.59103	13:41:52	D	7.10
54	SONIPAT	KATHURA	S-NPP	29.21008	76.50368	13:41:52	D	3.20

Details of residue burning events in Uttar Pradesh on 21-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBEDKARNAGAR	TANDA	S-NPP	26.51168	82.76147	13:41:52	D	3.50
2	AMETHI	GAURIGANJ	S-NPP	26.29346	81.60198	13:41:52	D	5.90
3	AMETHI	GAURIGANJ	S-NPP	26.29401	81.60764	13:41:52	D	5.90
4	AMETHI	GAURIGANJ	AQUA	26.18700	81.61800	13:18:50	D	16.00
5	AMETHI	GAURIGANJ	AQUA	26.37300	81.70400	13:18:50	D	10.10
6	AMETHI	GAURIGANJ	AQUA	26.37700	81.70800	13:18:50	D	16.20
7	AMETHI	GAURIGANJ	AQUA	26.37700	81.72100	13:18:50	D	10.90
8	AMETHI	MUSAFIRKHANA	S-NPP	26.36306	81.76791	13:41:52	D	5.00
9	AMETHI	MUSAFIRKHANA	S-NPP	26.36364	81.77371	13:41:52	D	5.00
10	AURAIYA	AURAIYA	S-NPP	26.45316	79.55981	13:41:52	D	3.60
11	AURAIYA	AURAIYA	S-NPP	26.47508	79.56556	13:41:52	D	4.30
12	AURAIYA	AURAIYA	S-NPP	26.48730	79.40515	13:41:52	D	1.60
13	AURAIYA	BIDHUNA	S-NPP	26.66662	79.67654	13:41:52	D	7.30
14	AZAMGARH	BURHANPUR	S-NPP	26.37754	82.91109	13:41:52	D	2.60
15	AZAMGARH	BURHANPUR	AQUA	26.24100	83.00900	13:18:50	D	9.00
16	AZAMGARH	PHULPUR	S-NPP	25.90906	82.82875	13:41:52	D	3.90
17	BAGHPAT	BAGHPAT	S-NPP	28.85226	77.35333	13:41:52	D	3.20
18	BALLIA	BALLIA	AQUA	25.63700	83.98800	13:18:50	D	9.00
19	BALLIA	RASRA	AQUA	25.83000	83.97500	13:18:50	D	7.50
20	BANDA	BABERU	S-NPP	25.54756	80.80031	13:41:52	D	3.60
21	BAREILLY	BAREILY	S-NPP	28.60013	79.40377	13:41:52	D	3.70
22	BASTI	BHANPUR	S-NPP	26.91789	82.74932	13:41:52	D	2.20
23	BASTI	RUDHAULI	S-NPP	26.99321	82.75768	13:41:52	D	3.20
24	BASTI	RUDHAULI	S-NPP	27.00709	82.86095	13:41:52	D	3.50
25	BASTI	RUDHAULI	S-NPP	27.02056	82.77220	13:41:52	D	2.10
26	BIJNOR	DHAMPUR	S-NPP	29.16329	78.51591	13:41:52	D	1.80
27	BIJNOR	NAGINA	S-NPP	29.54446	78.47327	13:41:52	D	2.30
28	CHITRAKOOT	MAU	S-NPP	25.27649	81.27670	13:41:52	D	4.40
29	DEORIA	DEORIA	S-NPP	26.56220	83.95535	13:41:52	D	6.40
30	DEORIA	DEORIA	S-NPP	26.56342	83.95595	13:41:52	D	6.00

31	DEORIA	DEORIA	S-NPP	26.66544	83.71401	13:41:52	D	4.10
32	ETAWAH	SAIFAI	S-NPP	26.93262	79.01722	13:41:52	D	4.50
33	FAIZABAD	FAIZSBAD	S-NPP	26.61881	82.39362	00:52:18	N	0.80
34	FAIZABAD	FAIZSBAD	S-NPP	26.63879	82.38588	13:41:52	D	11.80
35	FAIZABAD	FAIZSBAD	S-NPP	26.63993	82.38637	13:41:52	D	8.50
36	FATEHPUR	FATEHPUR	S-NPP	25.75233	80.85519	13:41:52	D	4.20
37	GAZIPUR	JAKHANIA	S-NPP	25.72143	83.44908	13:41:52	D	2.10
38	GAZIPUR	JAKHANIA	AQUA	25.69000	83.22600	13:18:50	D	8.60
39	GAZIPUR	SAIDPUR	S-NPP	25.68573	83.22231	13:41:52	D	2.20
40	GORAKHPUR	CHAURI CHAURA	S-NPP	26.60090	83.61132	13:41:52	D	5.10
41	GORAKHPUR	CHAURI CHAURA	S-NPP	26.69514	83.60587	13:41:52	D	1.70
42	GORAKHPUR	CHAURI CHAURA	AQUA	26.67400	83.61200	13:18:50	D	6.80
43	GORAKHPUR	GORAKHPUR	S-NPP	26.77639	83.51405	13:41:52	D	2.80
44	GORAKHPUR	GORAKHPUR	S-NPP	26.79740	83.50438	13:41:52	D	3.70
45	GORAKHPUR	GORAKHPUR	S-NPP	26.82019	83.49039	13:41:52	D	4.10
46	GORAKHPUR	GORAKHPUR	S-NPP	26.87408	83.41656	13:41:52	D	2.10
47	GORAKHPUR	GORAKHPUR	S-NPP	26.94260	83.45563	13:41:52	D	3.80
48	GORAKHPUR	GORAKHPUR	S-NPP	26.94426	83.45415	13:41:52	D	3.10
49	GORAKHPUR	GORAKHPUR	S-NPP	26.94456	83.45795	13:41:52	D	3.10
50	GORAKHPUR	GORAKHPUR	AQUA	26.77100	83.51800	13:18:50	D	9.20
51	GORAKHPUR	GORAKHPUR	AQUA	26.80200	83.51800	13:18:50	D	9.80
52	GORAKHPUR	GORAKHPUR	AQUA	26.80400	83.52400	13:18:50	D	7.90
53	GORAKHPUR	GORAKHPUR	AQUA	26.94600	83.45300	13:18:50	D	7.60
54	HAPUR	GARHMUKTESAR	S-NPP	28.72444	78.05345	13:41:52	D	4.10
55	HARDOI	BILGRAM	S-NPP	27.02583	80.19839	13:41:52	D	4.00
56	HARDOI	HARDOI	S-NPP	27.42991	79.95947	02:31:10	N	0.50
57	HARDOI	HARDOI	S-NPP	27.43470	79.96083	02:31:10	N	0.50
58	JAUNPUR	BADLAPUR	S-NPP	25.86546	82.31039	13:41:52	D	3.00
59	JHANSI	MOTH	S-NPP	25.68280	78.94888	13:41:52	D	5.00
60	JHANSI	MOTH	S-NPP	25.75278	78.90798	13:41:52	D	4.40
61	JHANSI	MOTH	S-NPP	25.75343	78.91370	13:41:52	D	4.40
62	KANPUR	BILHAUR	S-NPP	26.58176	80.15744	13:41:52	D	7.70
63	KANPUR DEHAT	AKBARPUR	S-NPP	26.31973	79.98811	13:41:52	D	11.50
64	KANPUR DEHAT	AKBARPUR	S-NPP	26.32642	79.96899	13:41:52	D	3.40

65	KAUSHAMBI	MANJHANPUR	S-NPP	25.47143	81.27194	13:41:52	D	3.70
66	KHERI	GOLA	S-NPP	27.96538	80.51168	13:41:52	D	4.80
67	KHERI	GOLA	S-NPP	27.98067	80.36815	02:31:10	N	1.30
68	KHERI	GOLA	S-NPP	28.13245	80.62006	02:31:10	N	0.40
69	KHERI	GOLA	S-NPP	28.14259	80.61926	13:41:52	D	4.90
70	KHERI	LAKHIMPUR	S-NPP	27.93281	80.83711	13:41:52	D	2.60
71	KUSHINAGAR	HATA	S-NPP	26.84167	83.70604	13:41:52	D	3.60
72	KUSHINAGAR	HATA	S-NPP	26.84237	83.70595	13:41:52	D	3.60
73	KUSHINAGAR	HATA	S-NPP	26.84582	83.70242	12:01:35	D	4.10
74	KUSHINAGAR	HATA	S-NPP	26.84649	83.69770	13:41:52	D	4.80
75	KUSHINAGAR	HATA	AQUA	26.73900	83.63300	13:18:50	D	10.20
76	KUSHINAGAR	HATA	AQUA	26.81200	83.69700	13:18:50	D	8.80
77	KUSHINAGAR	HATA	AQUA	26.87000	83.61100	13:18:50	D	12.60
78	KUSHINAGAR	HATA	AQUA	26.93700	83.64500	13:18:50	D	8.60
79	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.00070	83.54488	13:41:52	D	3.30
80	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.00075	83.54389	12:01:35	D	4.40
81	MAHARAJGANJ	MAHARAJGANJ	AQUA	26.95700	83.51900	13:18:50	D	7.10
82	MAHARAJGANJ	NAUTANWA	S-NPP	27.32537	83.37904	13:41:52	D	7.50
83	MAHARAJGANJ	NAUTANWA	AQUA	27.30100	83.36500	13:18:50	D	9.60
84	MAHARAJGANJ	NICHLAUL	S-NPP	27.23423	83.69051	13:41:52	D	4.10
85	MAHARAJGANJ	NICHLAUL	S-NPP	27.23455	83.69447	13:41:52	D	4.10
86	MAHARAJGANJ	NICHLAUL	AQUA	27.20200	83.74700	13:18:50	D	6.90
87	MAHARAJGANJ	PHARENDA	S-NPP	27.29889	83.33540	00:52:18	N	0.70
88	MAU	MAU	S-NPP	25.89566	83.52399	13:41:52	D	3.00
89	MAU	MUHAMMADABAD	S-NPP	26.08260	83.40107	13:41:52	D	2.60
90	MAU	MUHAMMADABAD	S-NPP	26.08560	83.39934	13:41:52	D	3.90
91	MUZAFARNAGAR	BUDHANA	S-NPP	29.26377	77.57349	13:41:52	D	4.10
92	MUZAFARNAGAR	BUDHANA	S-NPP	29.29542	77.40775	13:41:52	D	2.90
93	PILHIBHIT	BISALPUR	S-NPP	28.28829	79.82051	02:31:10	N	0.70
94	PILHIBHIT	PURANPUR	S-NPP	28.74503	80.21539	13:41:52	D	3.60
95	PRATAPGARH	KUNDA	S-NPP	25.67641	81.70825	13:41:52	D	4.00
96	RAIBEARELI	LALGANJ	S-NPP	26.26980	80.89850	13:41:52	D	4.40
97	RAIBEARELI	LALGANJ	S-NPP	26.26999	80.90046	13:41:52	D	8.10
98	RAIBEARELI	LALGANJ	S-NPP	26.27033	80.90360	13:41:52	D	4.40

99	RAIBEARELI	MAHARAJGANG	S-NPP	26.50135	81.20065	02:31:10	N	0.80
100	RAIBEARELI	RAEBARELI	S-NPP	26.24184	81.03223	13:41:52	D	18.90
101	RAIBEARELI	TILOI	S-NPP	26.24889	81.48809	13:41:52	D	4.90
102	RAIBEARELI	TILOI	S-NPP	26.53465	81.39775	13:41:52	D	4.90
103	RAIBEARELI	UNCHAHAR	S-NPP	25.89347	81.33936	02:31:10	N	0.60
104	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.65763	83.09882	13:41:52	D	5.00
105	SHAHJAHANPUR	TILHAR	S-NPP	27.97968	79.79590	02:31:10	N	1.40
106	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.17003	82.62071	13:41:52	D	2.50
107	SIDDHARTHANAGAR	ITWA	S-NPP	27.37693	82.74691	13:41:52	D	3.10
108	SIDDHARTHANAGAR	SHOHRATGARH	AQUA	27.42700	82.90000	13:18:50	D	8.40
109	SULTANPUR	KADIRPUR	S-NPP	26.18085	82.66500	13:41:52	D	2.20
110	SULTANPUR	KADIRPUR	S-NPP	26.18328	82.63497	13:41:52	D	4.60

Details of residue burning events in Rajasthan on 21-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	BANSWARA	WAGIDORA	S-NPP	23.36866	74.31699	13:41:52	D	2.80
2	BARAN	CHHABRA	S-NPP	24.58464	76.92513	13:41:52	D	2.40
3	BARAN	SHAHBAD	S-NPP	25.17346	76.94785	13:41:52	D	14.00
4	BARAN	SHAHBAD	S-NPP	25.17704	76.94730	13:41:52	D	14.00
5	GANGANAGAR	SURATGARH	S-NPP	29.32362	73.78455	13:41:52	D	3.60
6	GANGANAGAR	SURATGARH	S-NPP	29.32408	73.76380	13:41:52	D	6.50
7	GANGANAGAR	SURATGARH	S-NPP	29.33100	73.81210	13:41:52	D	3.10
8	GANGANAGAR	SURATGARH	S-NPP	29.33872	73.79414	13:41:52	D	4.00
9	GANGANAGAR	SURATGARH	S-NPP	29.33881	73.93919	13:41:52	D	2.30
10	GANGANAGAR	SURATGARH	S-NPP	29.34127	73.85989	13:41:52	D	1.60
11	GANGANAGAR	SURATGARH	S-NPP	29.34216	73.93858	13:41:52	D	24.00
12	GANGANAGAR	SURATGARH	S-NPP	29.34551	73.93795	13:41:52	D	24.00
13	GANGANAGAR	SURATGARH	S-NPP	29.35290	73.96571	13:41:52	D	5.20
14	HANUMANGARH	HANUMANGARH	S-NPP	29.53017	74.21042	13:41:52	D	3.40
15	HANUMANGARH	HANUMANGARH	S-NPP	29.53354	74.20979	13:41:52	D	3.40
16	HANUMANGARH	HANUMANGARH	S-NPP	29.54936	74.22381	13:41:52	D	6.50
17	HANUMANGARH	HANUMANGARH	S-NPP	29.54997	74.22485	13:41:52	D	8.00
18	HANUMANGARH	HANUMANGARH	S-NPP	29.55620	74.24489	13:41:52	D	7.40
19	HANUMANGARH	HANUMANGARH	S-NPP	29.57558	74.38586	13:41:52	D	23.40
20	HANUMANGARH	HANUMANGARH	S-NPP	29.57783	74.37692	13:41:52	D	5.40
21	HANUMANGARH	HANUMANGARH	S-NPP	29.58104	74.27427	13:41:52	D	17.50
22	HANUMANGARH	HANUMANGARH	S-NPP	29.58213	74.25710	13:41:52	D	5.50
23	HANUMANGARH	HANUMANGARH	S-NPP	29.58442	74.27366	13:41:52	D	6.50
24	HANUMANGARH	HANUMANGARH	S-NPP	29.58551	74.25649	13:41:52	D	5.50
25	HANUMANGARH	HANUMANGARH	S-NPP	29.58967	74.36199	13:41:52	D	8.30
26	HANUMANGARH	HANUMANGARH	S-NPP	29.60609	74.38036	13:41:52	D	5.60
27	HANUMANGARH	HANUMANGARH	S-NPP	29.60666	74.38452	13:41:52	D	5.60
28	HANUMANGARH	HANUMANGARH	S-NPP	29.60948	74.37975	13:41:52	D	5.60
29	HANUMANGARH	HANUMANGARH	S-NPP	29.61287	74.37914	13:41:52	D	7.00
30	HANUMANGARH	PILIBANGA	S-NPP	29.39705	73.96172	13:41:52	D	2.30

31	HANUMANGARH	PILIBANGA	S-NPP	29.39982	73.95704	13:41:52	D	2.30
32	HANUMANGARH	PILIBANGA	S-NPP	29.42116	73.99950	13:41:52	D	1.80
33	HANUMANGARH	PILIBANGA	S-NPP	29.42287	74.01173	13:41:52	D	0.90
34	HANUMANGARH	PILIBANGA	S-NPP	29.43916	74.02961	13:41:52	D	6.00
35	HANUMANGARH	PILIBANGA	S-NPP	29.44309	74.03307	13:41:52	D	3.70
36	HANUMANGARH	PILIBANGA	S-NPP	29.44482	74.04530	13:41:52	D	2.40
37	HANUMANGARH	PILIBANGA	S-NPP	29.44588	74.02837	13:41:52	D	3.70
38	HANUMANGARH	PILIBANGA	S-NPP	29.45432	74.03938	13:41:52	D	13.60
39	HANUMANGARH	PILIBANGA	S-NPP	29.46679	74.07896	13:41:52	D	1.90
40	HANUMANGARH	PILIBANGA	S-NPP	29.47466	74.08590	13:41:52	D	6.00
41	HANUMANGARH	PILIBANGA	S-NPP	29.49272	74.11617	13:41:52	D	6.20
42	HANUMANGARH	SANGHRIYA	S-NPP	29.93577	74.47337	13:41:52	D	2.20
43	HANUMANGARH	TIBI	S-NPP	29.52891	74.60310	13:41:52	D	3.20
44	HANUMANGARH	TIBI	S-NPP	29.53219	74.52505	13:41:52	D	4.00
45	HANUMANGARH	TIBI	S-NPP	29.53688	74.61031	13:41:52	D	18.90
46	HANUMANGARH	TIBI	S-NPP	29.55094	74.53458	13:41:52	D	2.50
47	HANUMANGARH	TIBI	S-NPP	29.55209	74.54298	13:41:52	D	2.80
48	HANUMANGARH	TIBI	S-NPP	29.57800	74.47823	13:41:52	D	27.30
49	HANUMANGARH	TIBI	S-NPP	29.60332	74.41075	13:41:52	D	5.20
50	HANUMANGARH	TIBI	S-NPP	29.61804	74.41665	13:41:52	D	8.20
51	HANUMANGARH	TIBI	S-NPP	29.64083	74.48111	13:41:52	D	8.40

Details of residue burning events in Madhya Pradesh on 21-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BHIND	GOHAD	S-NPP	26.49558	78.30045	13:41:52	D	4.80
2	BHIND	GOHAD	S-NPP	26.49623	78.30589	13:41:52	D	3.20
3	BHIND	GOHAD	S-NPP	26.49818	78.28902	13:41:52	D	4.80
4	BHIND	GOHAD	S-NPP	26.50207	78.28845	13:41:52	D	13.30
5	CHHINDWARA	CHAURAI	S-NPP	21.99658	79.37996	13:41:52	D	4.80
6	CHHINDWARA	CHAURAI	S-NPP	22.05252	79.32053	13:41:52	D	2.50
7	CHHINDWARA	CHAURAI	S-NPP	22.07994	79.15691	13:41:52	D	2.20
8	CHHINDWARA	CHAURAI	S-NPP	22.10275	79.37303	13:41:52	D	2.50
9	DATIA	BHANDER	S-NPP	25.89574	78.66257	13:41:52	D	9.90
10	DATIA	SEONDHA	S-NPP	26.02680	78.65898	13:41:52	D	3.90
11	DHAR	MANAWAR	S-NPP	22.26373	75.13190	02:31:10	N	1.00
12	GUNA	ARON	S-NPP	24.32465	77.43228	13:41:52	D	6.10
13	GWALIOR	BHITARWAR	S-NPP	25.72138	78.07373	13:41:52	D	6.50
14	GWALIOR	BHITARWAR	S-NPP	25.72583	78.07833	13:41:52	D	5.40
15	GWALIOR	BHITARWAR	S-NPP	25.72964	78.04639	13:41:52	D	5.50
16	GWALIOR	BHITARWAR	S-NPP	25.75953	78.08191	13:41:52	D	2.40
17	GWALIOR	BHITARWAR	S-NPP	25.76520	78.09688	13:41:52	D	10.10
18	GWALIOR	BHITARWAR	S-NPP	25.79025	77.98324	13:41:52	D	2.30
19	GWALIOR	BHITARWAR	S-NPP	25.82055	78.16830	13:41:52	D	3.90
20	GWALIOR	BHITARWAR	S-NPP	25.83013	78.18289	13:41:52	D	3.30
21	GWALIOR	BHITARWAR	S-NPP	25.84602	78.00376	13:41:52	D	2.80
22	GWALIOR	BHITARWAR	S-NPP	25.84725	78.00616	13:41:52	D	2.30
23	GWALIOR	BHITARWAR	S-NPP	25.86039	78.05940	13:41:52	D	4.40
24	GWALIOR	BHITARWAR	S-NPP	25.88889	78.10273	13:41:52	D	4.70
25	GWALIOR	BHITARWAR	S-NPP	25.93352	78.14930	13:41:52	D	7.20
26	GWALIOR	BHITARWAR	S-NPP	25.94182	78.05793	13:41:52	D	13.20
27	GWALIOR	BHITARWAR	S-NPP	25.94438	78.07869	13:41:52	D	4.30
28	GWALIOR	BHITARWAR	S-NPP	25.95071	78.03554	13:41:52	D	3.20
29	GWALIOR	BHITARWAR	S-NPP	25.95252	78.03239	13:41:52	D	3.30

30	GWALIOR	BHITARWAR	S-NPP	25.95399	78.15697	13:41:52	D	12.80
31	GWALIOR	BHITARWAR	S-NPP	25.95785	78.18847	13:41:52	D	3.50
32	GWALIOR	BHITARWAR	S-NPP	25.95909	78.13487	13:41:52	D	3.70
33	GWALIOR	BHITARWAR	S-NPP	25.96041	78.17741	13:41:52	D	3.70
34	GWALIOR	BHITARWAR	S-NPP	25.96648	78.18445	13:41:52	D	4.80
35	GWALIOR	BHITARWAR	S-NPP	25.96940	78.18678	13:41:52	D	8.50
36	GWALIOR	BHITARWAR	S-NPP	25.97033	78.18388	13:41:52	D	4.80
37	GWALIOR	BHITARWAR	S-NPP	25.97202	78.23199	13:41:52	D	2.00
38	GWALIOR	BHITARWAR	S-NPP	25.97511	78.25855	13:41:52	D	11.40
39	GWALIOR	BHITARWAR	S-NPP	25.98833	78.17053	13:41:52	D	8.40
40	GWALIOR	DABRA	S-NPP	25.84165	78.24545	13:41:52	D	6.60
41	GWALIOR	DABRA	S-NPP	25.86086	78.17844	13:41:52	D	3.60
42	GWALIOR	DABRA	S-NPP	25.87307	78.23309	13:41:52	D	5.10
43	GWALIOR	DABRA	S-NPP	25.87570	78.23515	13:41:52	D	3.80
44	GWALIOR	DABRA	S-NPP	25.90965	78.24384	13:41:52	D	2.10
45	GWALIOR	DABRA	S-NPP	25.91168	78.19523	13:41:52	D	9.40
46	GWALIOR	DABRA	S-NPP	25.91301	78.17368	13:41:52	D	4.70
47	GWALIOR	DABRA	S-NPP	25.96560	78.25187	13:41:52	D	6.40
48	GWALIOR	DABRA	S-NPP	25.97462	78.26136	13:41:52	D	2.70
49	GWALIOR	DABRA	S-NPP	25.97532	78.29929	13:41:52	D	8.50
50	GWALIOR	DABRA	S-NPP	25.97849	78.26080	13:41:52	D	7.60
51	HOSHANGABAD	BABAI	S-NPP	22.81415	77.82465	13:41:52	D	2.00
52	JABALPUR	JABALPUR	S-NPP	23.05794	79.97890	13:41:52	D	2.50
53	JABALPUR	JABALPUR	S-NPP	23.11049	80.01376	13:41:52	D	6.10
54	JABALPUR	JABALPUR	S-NPP	23.16264	79.81764	13:41:52	D	3.90
55	JABALPUR	JABALPUR	S-NPP	23.24931	79.85760	13:41:52	D	1.70
56	JABALPUR	JABALPUR	S-NPP	23.26667	79.86332	13:41:52	D	4.50
57	JABALPUR	JABALPUR	S-NPP	23.26895	79.98847	13:41:52	D	4.20
58	JABALPUR	JABALPUR	S-NPP	23.27030	79.85882	13:41:52	D	2.90
59	JABALPUR	JABALPUR	S-NPP	23.28092	79.88982	13:41:52	D	9.20
60	JABALPUR	JABALPUR	S-NPP	23.28231	79.88937	13:41:52	D	4.70
61	JABALPUR	JABALPUR	S-NPP	23.28279	79.89334	13:41:52	D	4.70
62	JABALPUR	JABALPUR	S-NPP	23.28722	79.94568	13:41:52	D	4.00

63	JABALPUR	JABALPUR	S-NPP	23.29326	79.88817	13:41:52	D	2.50
64	JABALPUR	JABALPUR	S-NPP	23.29366	79.92856	13:41:52	D	3.90
65	JABALPUR	JABALPUR	S-NPP	23.29412	79.93256	13:41:52	D	3.90
66	JABALPUR	JABALPUR	S-NPP	23.29824	79.93201	13:41:52	D	3.90
67	JABALPUR	JABALPUR	S-NPP	23.30283	79.93547	13:41:52	D	8.30
68	JABALPUR	JABALPUR	S-NPP	23.30556	79.95952	13:41:52	D	10.10
69	JABALPUR	JABALPUR	S-NPP	23.30598	80.00032	13:41:52	D	2.20
70	JABALPUR	JABALPUR	S-NPP	23.30643	80.00436	13:41:52	D	2.20
71	JABALPUR	JABALPUR	S-NPP	23.30647	79.96754	13:41:52	D	5.90
72	JABALPUR	JABALPUR	S-NPP	23.30735	80.01244	13:41:52	D	2.30
73	JABALPUR	JABALPUR	S-NPP	23.30923	79.95495	13:41:52	D	12.10
74	JABALPUR	JABALPUR	S-NPP	23.30969	79.95896	13:41:52	D	10.10
75	JABALPUR	JABALPUR	S-NPP	23.31155	79.90186	13:41:52	D	3.40
76	JABALPUR	JABALPUR	S-NPP	23.31244	79.98311	13:41:52	D	2.40
77	JABALPUR	JABALPUR	S-NPP	23.31566	79.90131	13:41:52	D	2.50
78	JABALPUR	JABALPUR	S-NPP	23.31749	79.99062	13:41:52	D	9.30
79	JABALPUR	JABALPUR	S-NPP	23.31795	79.99465	13:41:52	D	9.30
80	JABALPUR	JABALPUR	S-NPP	23.32161	79.88034	13:41:52	D	1.90
81	JABALPUR	JABALPUR	S-NPP	23.32209	79.95731	13:41:52	D	3.10
82	JABALPUR	JABALPUR	S-NPP	23.33129	79.96426	13:41:52	D	4.80
83	JABALPUR	JABALPUR	S-NPP	23.33492	79.92304	13:41:52	D	6.00
84	JABALPUR	JABALPUR	S-NPP	23.33904	79.92249	13:41:52	D	6.00
85	JABALPUR	JABALPUR	S-NPP	23.34317	79.92196	13:41:52	D	3.90
86	JABALPUR	JABALPUR	S-NPP	23.34752	80.06887	13:41:52	D	6.40
87	JABALPUR	JABALPUR	S-NPP	23.35592	79.88789	13:41:52	D	3.30
88	JABALPUR	JABALPUR	AQUA	23.24100	79.92900	13:18:50	D	27.70
89	JABALPUR	MAJHOULI	S-NPP	23.35384	79.97760	13:41:52	D	4.20
90	JABALPUR	MAJHOULI	S-NPP	23.37596	79.98694	13:41:52	D	3.00
91	JABALPUR	MAJHOULI	S-NPP	23.39545	79.95974	13:41:52	D	2.70
92	JABALPUR	MAJHOULI	S-NPP	23.39668	79.98419	13:41:52	D	2.90
93	JABALPUR	MAJHOULI	S-NPP	23.39938	79.97155	13:41:52	D	7.00
94	JABALPUR	MAJHOULI	S-NPP	23.40095	79.97130	13:41:52	D	6.10
95	JABALPUR	MAJHOULI	S-NPP	23.42856	80.02932	13:41:52	D	6.40

96	JABALPUR	MAJHOULI	S-NPP	23.43501	79.97496	13:41:52	D	3.60
97	JABALPUR	MAJHOULI	S-NPP	23.44749	80.01029	13:41:52	D	7.00
98	JABALPUR	MAJHOULI	S-NPP	23.44820	79.87125	13:41:52	D	8.60
99	JABALPUR	MAJHOULI	S-NPP	23.44866	79.87522	13:41:52	D	6.10
100	JABALPUR	MAJHOULI	S-NPP	23.45398	80.03007	13:41:52	D	2.50
101	JABALPUR	MAJHOULI	S-NPP	23.45486	80.00107	13:41:52	D	4.40
102	JABALPUR	MAJHOULI	S-NPP	23.45533	80.00513	13:41:52	D	7.00
103	JABALPUR	MAJHOULI	S-NPP	23.46457	80.01214	13:41:52	D	3.10
104	JABALPUR	MAJHOULI	S-NPP	23.48202	79.98102	13:41:52	D	3.10
105	JABALPUR	MAJHOULI	S-NPP	23.51977	80.03835	13:41:52	D	2.50
106	JABALPUR	MAJHOULI	S-NPP	23.52256	80.02554	13:41:52	D	2.60
107	JABALPUR	MAJHOULI	S-NPP	23.52258	80.14613	13:41:52	D	3.10
108	JABALPUR	MAJHOULI	S-NPP	23.52333	80.14662	13:41:52	D	3.80
109	JABALPUR	MAJHOULI	S-NPP	23.52454	80.16273	13:41:52	D	2.00
110	JABALPUR	MAJHOULI	S-NPP	23.52517	80.16324	13:41:52	D	4.10
111	JABALPUR	MAJHOULI	S-NPP	23.52711	80.10407	13:41:52	D	3.40
112	JABALPUR	MAJHOULI	S-NPP	23.53229	79.96233	13:41:52	D	7.00
113	JABALPUR	MAJHOULI	S-NPP	23.53453	80.13248	13:41:52	D	2.60
114	JABALPUR	MAJHOULI	S-NPP	23.54059	80.03554	13:41:52	D	4.20
115	JABALPUR	MAJHOULI	S-NPP	23.54151	80.11890	13:41:52	D	3.60
116	JABALPUR	MAJHOULI	S-NPP	23.54660	80.01399	13:41:52	D	2.00
117	JABALPUR	MAJHOULI	S-NPP	23.55402	80.04204	13:41:52	D	2.70
118	JABALPUR	MAJHOULI	S-NPP	23.56444	79.91290	13:41:52	D	2.10
119	JABALPUR	MAJHOULI	S-NPP	23.58524	79.94700	13:41:52	D	5.20
120	JABALPUR	MAJHOULI	S-NPP	23.59447	79.95397	13:41:52	D	11.80
121	JABALPUR	MAJHOULI	S-NPP	23.59543	79.96208	13:41:52	D	7.10
122	JABALPUR	MAJHOULI	AQUA	23.50400	80.01800	13:18:50	D	21.80
123	JABALPUR	PATAN	S-NPP	23.19596	79.86472	13:41:52	D	4.50
124	JABALPUR	PATAN	S-NPP	23.19962	79.82424	13:41:52	D	4.10
125	JABALPUR	PATAN	S-NPP	23.20007	79.79237	13:41:52	D	3.30
126	JABALPUR	PATAN	S-NPP	23.20233	79.77619	13:41:52	D	1.90
127	JABALPUR	PATAN	S-NPP	23.20325	79.81978	13:41:52	D	4.10
128	JABALPUR	PATAN	S-NPP	23.20776	79.75173	13:41:52	D	3.20

129	JABALPUR	PATAN	S-NPP	23.20815	79.68486	13:41:52	D	2.40
130	JABALPUR	PATAN	S-NPP	23.20821	79.75562	13:41:52	D	14.10
131	JABALPUR	PATAN	S-NPP	23.21824	79.80582	13:41:52	D	7.00
132	JABALPUR	PATAN	S-NPP	23.23236	79.81986	13:41:52	D	2.30
133	JABALPUR	PATAN	S-NPP	23.24874	79.81767	13:41:52	D	4.20
134	JABALPUR	PATAN	S-NPP	23.25820	79.68990	13:41:52	D	12.40
135	JABALPUR	PATAN	S-NPP	23.25825	79.68984	13:41:52	D	12.40
136	JABALPUR	PATAN	S-NPP	23.26055	79.81210	13:41:52	D	6.40
137	JABALPUR	PATAN	S-NPP	23.26101	79.81603	13:41:52	D	6.40
138	JABALPUR	PATAN	S-NPP	23.26888	79.74350	13:41:52	D	2.50
139	JABALPUR	PATAN	S-NPP	23.27128	79.69596	13:41:52	D	2.40
140	JABALPUR	PATAN	S-NPP	23.27255	79.74310	13:41:52	D	8.30
141	JABALPUR	PATAN	S-NPP	23.27389	79.75479	13:41:52	D	8.20
142	JABALPUR	PATAN	S-NPP	23.27797	79.75425	13:41:52	D	8.20
143	JABALPUR	PATAN	S-NPP	23.28030	79.70261	13:41:52	D	5.80
144	JABALPUR	PATAN	S-NPP	23.29743	79.81529	13:41:52	D	13.50
145	JABALPUR	PATAN	S-NPP	23.32155	79.80805	13:41:52	D	4.10
146	JABALPUR	PATAN	S-NPP	23.32565	79.80750	13:41:52	D	4.10
147	JABALPUR	PATAN	S-NPP	23.34892	79.82840	13:41:52	D	16.70
148	JABALPUR	PATAN	S-NPP	23.34938	79.83235	13:41:52	D	11.80
149	JABALPUR	PATAN	S-NPP	23.36975	79.79360	13:41:52	D	4.60
150	JABALPUR	PATAN	S-NPP	23.37023	79.79754	13:41:52	D	6.10
151	JABALPUR	PATAN	S-NPP	23.37589	79.84488	13:41:52	D	14.80
152	JABALPUR	PATAN	S-NPP	23.37986	79.74818	13:41:52	D	9.50
153	JABALPUR	PATAN	S-NPP	23.38927	79.83081	13:41:52	D	8.00
154	JABALPUR	PATAN	S-NPP	23.39292	79.82631	13:41:52	D	8.00
155	JABALPUR	PATAN	S-NPP	23.39703	79.82576	13:41:52	D	4.00
156	JABALPUR	SAHPURA	S-NPP	23.04192	79.63403	13:41:52	D	0.90
157	JABALPUR	SAHPURA	S-NPP	23.08497	79.79234	13:41:52	D	3.60
158	JABALPUR	SAHPURA	S-NPP	23.09268	79.78735	13:41:52	D	3.30
159	JABALPUR	SAHPURA	S-NPP	23.09359	79.79515	13:41:52	D	10.50
160	JABALPUR	SAHPURA	S-NPP	23.14592	79.71334	13:41:52	D	5.10
161	JABALPUR	SAHPURA	S-NPP	23.15355	79.71185	13:41:52	D	3.00

162	JABALPUR	SAHPURA	S-NPP	23.15855	79.81819	13:41:52	D	3.90
163	JABALPUR	SAHPURA	S-NPP	23.16468	79.76587	13:41:52	D	3.10
164	JABALPUR	SAHPURA	S-NPP	23.16790	79.76502	13:41:52	D	2.80
165	JABALPUR	SAHPURA	S-NPP	23.16940	79.67056	13:41:52	D	10.10
166	JABALPUR	SAHPURA	S-NPP	23.17064	79.75280	13:41:52	D	9.40
167	JABALPUR	SAHPURA	S-NPP	23.17337	79.74060	13:41:52	D	11.60
168	JABALPUR	SAHPURA	S-NPP	23.17382	79.74448	13:41:52	D	10.60
169	JABALPUR	SAHPURA	S-NPP	23.18286	79.75115	13:41:52	D	2.80
170	JABALPUR	SAHPURA	S-NPP	23.18964	79.77396	13:41:52	D	8.00
171	JABALPUR	SAHPURA	S-NPP	23.19192	79.72236	13:41:52	D	5.30
172	JABALPUR	SAHPURA	AQUA	23.18100	79.72300	13:18:50	D	28.30
173	JABALPUR	SIHORA	S-NPP	23.35121	80.06427	13:41:52	D	3.30
174	JABALPUR	SIHORA	S-NPP	23.37820	80.11469	13:41:52	D	4.20
175	JABALPUR	SIHORA	S-NPP	23.38417	80.09311	13:41:52	D	8.70
176	JABALPUR	SIHORA	S-NPP	23.39004	80.18018	13:41:52	D	2.50
177	JABALPUR	SIHORA	S-NPP	23.39318	80.02575	13:41:52	D	3.60
178	JABALPUR	SIHORA	S-NPP	23.39472	80.18378	13:41:52	D	2.50
179	JABALPUR	SIHORA	S-NPP	23.40263	80.17855	13:41:52	D	7.70
180	JABALPUR	SIHORA	S-NPP	23.41532	80.10571	13:41:52	D	10.80
181	JABALPUR	SIHORA	S-NPP	23.41600	80.10573	13:41:52	D	10.00
182	JABALPUR	SIHORA	S-NPP	23.43214	80.25117	13:41:52	D	5.80
183	JABALPUR	SIHORA	S-NPP	23.43244	80.25088	13:41:52	D	7.00
184	JABALPUR	SIHORA	S-NPP	23.43921	80.16136	13:41:52	D	4.10
185	JABALPUR	SIHORA	S-NPP	23.44386	80.20295	13:41:52	D	5.00
186	JABALPUR	SIHORA	S-NPP	23.44662	80.07668	13:41:52	D	5.10
187	JABALPUR	SIHORA	S-NPP	23.44666	80.22802	13:41:52	D	8.10
188	JABALPUR	SIHORA	S-NPP	23.44806	80.16441	13:41:52	D	5.50
189	JABALPUR	SIHORA	S-NPP	23.45088	80.22747	13:41:52	D	8.50
190	JABALPUR	SIHORA	S-NPP	23.45960	80.07912	13:41:52	D	8.80
191	JABALPUR	SIHORA	S-NPP	23.46007	80.08324	13:41:52	D	8.80
192	JABALPUR	SIHORA	S-NPP	23.46377	80.07858	13:41:52	D	8.80
193	JABALPUR	SIHORA	S-NPP	23.46559	80.05753	13:41:52	D	4.90
194	JABALPUR	SIHORA	S-NPP	23.46653	80.06572	13:41:52	D	3.70

195	JABALPUR	SIHORA	S-NPP	23.47246	80.26723	13:41:52	D	3.20
196	JABALPUR	SIHORA	S-NPP	23.47456	80.13561	13:41:52	D	3.60
197	JABALPUR	SIHORA	S-NPP	23.48702	80.09632	13:41:52	D	3.50
198	KATNI	BAHURIBAND	S-NPP	23.61523	80.01421	13:41:52	D	5.00
199	KATNI	BAHURIBAND	S-NPP	23.61993	80.28275	13:41:52	D	1.70
200	KATNI	BAHURIBAND	S-NPP	23.63266	80.09840	13:41:52	D	7.70
201	KATNI	BAHURIBAND	S-NPP	23.63319	80.09949	13:41:52	D	5.20
202	KATNI	BAHURIBAND	S-NPP	23.66951	80.11995	13:41:52	D	2.70
203	KATNI	BAHURIBAND	S-NPP	23.70471	80.05630	13:41:52	D	3.90
204	KATNI	BAHURIBAND	S-NPP	23.75312	79.95029	13:41:52	D	3.00
205	KATNI	DHIMERKHEDA	S-NPP	23.35942	80.32439	13:41:52	D	5.90
206	KATNI	DHIMERKHEDA	S-NPP	23.47489	80.32697	13:41:52	D	2.50
207	KATNI	RITHI	S-NPP	23.89538	80.00246	13:41:52	D	2.80
208	MANDLA	NAINPUR	S-NPP	22.44525	80.08836	13:41:52	D	1.40
209	MANDLA	NAINPUR	S-NPP	22.45289	80.09554	13:41:52	D	2.90
210	MANDLA	NAINPUR	S-NPP	22.45445	80.09515	13:41:52	D	3.30
211	MANDLA	NAINPUR	S-NPP	22.49271	80.07801	13:41:52	D	2.80
212	MANDLA	NAINPUR	S-NPP	22.51976	80.09443	13:41:52	D	2.60
213	NARSHIMAPURA	GADARWARA	S-NPP	22.83042	78.69263	13:41:52	D	2.00
214	NARSHIMAPURA	GADARWARA	S-NPP	22.84450	78.64981	13:41:52	D	21.60
215	NARSHIMAPURA	GADARWARA	S-NPP	22.84830	78.64926	13:41:52	D	21.60
216	NARSHIMAPURA	GOTECAON	S-NPP	23.00147	79.35595	13:41:52	D	3.60
217	RAISEN	BARELI	S-NPP	22.85564	78.03201	13:41:52	D	4.20
218	RAISEN	BARELI	S-NPP	23.00372	78.11655	13:41:52	D	5.00
219	RAISEN	GOHARGANJ	S-NPP	22.99184	77.62541	13:41:52	D	2.80
220	RAISEN	GOHARGANJ	S-NPP	22.99906	77.62433	13:41:52	D	3.30
221	RAISEN	GOHARGANJ	S-NPP	23.02060	77.64074	13:41:52	D	2.50
222	RAISEN	GOHARGANJ	S-NPP	23.11860	77.91024	13:41:52	D	3.90
223	RAISEN	GOHARGANJ	S-NPP	23.19469	77.61545	13:41:52	D	3.40
224	RAISEN	RAISEN	S-NPP	23.39534	77.78858	13:41:52	D	3.40
225	RAISEN	RAISEN	S-NPP	23.49340	77.74254	13:41:52	D	3.20
226	RAISEN	RAISEN	S-NPP	23.51650	77.74847	13:41:52	D	5.20
227	RAISEN	UDAIPURA	S-NPP	23.07492	78.71445	13:41:52	D	2.40

228	REWA	GURH	S-NPP	24.50330	81.48759	13:41:52	D	3.10
229	REWA	GURH	S-NPP	24.53760	81.58968	13:41:52	D	3.90
230	REWA	HUZUR	S-NPP	24.46409	81.33614	13:41:52	D	4.50
231	REWA	HUZUR	S-NPP	24.49151	81.24570	13:41:52	D	4.20
232	REWA	HUZUR	S-NPP	24.49176	81.24286	13:41:52	D	2.30
233	REWA	SIRMAUR	S-NPP	24.69848	81.36416	13:41:52	D	3.10
234	REWA	SIRMAUR	S-NPP	24.76285	81.40749	13:41:52	D	4.00
235	SATNA	AMARPATAN	S-NPP	24.41737	81.15356	13:41:52	D	4.60
236	SATNA	MAJHG>WAN	S-NPP	24.71425	80.93559	13:41:52	D	4.90
237	SATNA	NAGOD	S-NPP	24.47068	80.52476	13:41:52	D	5.00
238	SATNA	NAGOD	S-NPP	24.47274	80.58443	13:41:52	D	2.50
239	SATNA	NAGOD	S-NPP	24.47739	80.50552	13:41:52	D	4.90
240	SATNA	NAGOD	S-NPP	24.48075	80.49593	13:41:52	D	3.80
241	SATNA	NAGOD	S-NPP	24.51979	80.40068	13:41:52	D	1.70
242	SATNA	NAGOD	S-NPP	24.56143	80.75330	13:41:52	D	3.80
243	SATNA	NAGOD	S-NPP	24.62611	80.60824	13:41:52	D	2.60
244	SATNA	NAGOD	S-NPP	24.63224	80.66380	13:41:52	D	5.30
245	SATNA	RAGURAJNAGAR	S-NPP	24.55995	80.78212	13:41:52	D	2.80
246	SATNA	RAMPURBAGHLEAN	S-NPP	24.51728	81.08853	13:41:52	D	3.30
247	SATNA	RAMPURBAGHLEAN	S-NPP	24.64477	81.02997	13:41:52	D	4.70
248	SATNA	RAMPURBAGHLEAN	S-NPP	24.66016	81.00330	13:41:52	D	7.60
249	SATNA	RAMPURBAGHLEAN	AQUA	24.64600	81.03500	13:18:50	D	12.10
250	SATNA	UCHAHAR	S-NPP	24.37839	80.82574	13:41:52	D	4.90
251	SEONI	GHANSAUR	S-NPP	22.44804	79.80355	13:41:52	D	2.40
252	SEONI	GHANSAUR	S-NPP	22.46597	79.78148	13:41:52	D	4.90
253	SEONI	KEWLARI	S-NPP	22.37412	79.91132	13:41:52	D	3.00
254	SEONI	KEWLARI	S-NPP	22.39559	79.98728	13:41:52	D	4.40
255	SEONI	KEWLARI	S-NPP	22.41289	79.99281	13:41:52	D	14.70
256	SEONI	LAKHNADOU	S-NPP	22.40393	79.64982	13:41:52	D	4.40
257	SEONI	SEONI	S-NPP	22.24870	79.55498	13:41:52	D	7.40
258	SEONI	SEONI	S-NPP	22.29805	79.72477	13:41:52	D	4.80
259	SHIVPURI	NARWAR	S-NPP	25.62241	78.27086	13:41:52	D	8.50
260	SHIVPURI	NARWAR	S-NPP	25.63011	78.26974	13:41:52	D	3.50

261	SHIVPURI	NARWAR	S-NPP	25.64616	78.27277	13:41:52	D	9.50
262	SHIVPURI	NARWAR	S-NPP	25.70295	78.08169	13:41:52	D	4.10
263	SHIVPURI	NARWAR	S-NPP	25.70491	78.00305	13:41:52	D	2.20
264	TIKAMGARH	TIKAMGARH	S-NPP	24.76216	78.88185	13:41:52	D	5.00
265	VIDESHA	VIDESHA	S-NPP	23.57608	77.78336	13:41:52	D	3.00
266	VIDESHA	VIDESHA	S-NPP	23.67571	77.66159	13:41:52	D	1.90
267	WEST NIMAR	KASRAWAD	S-NPP	22.13449	75.75703	13:41:52	D	2.10

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 / 750	Both
2.	Terra	MODIS	1000	Both
3.	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 (ISRO)**

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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](#)
