



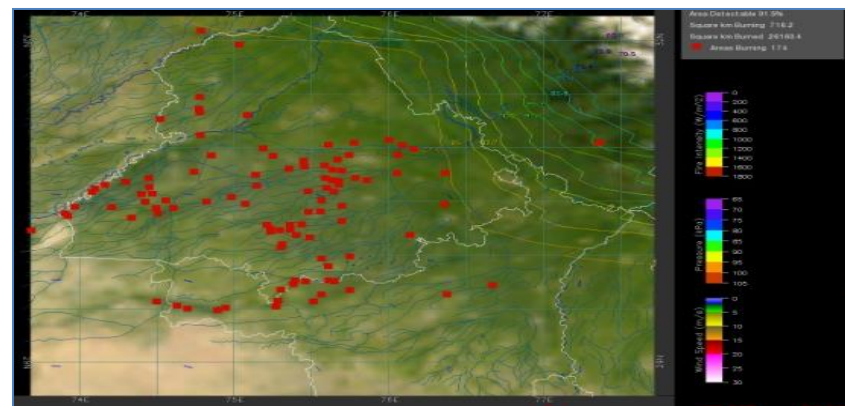
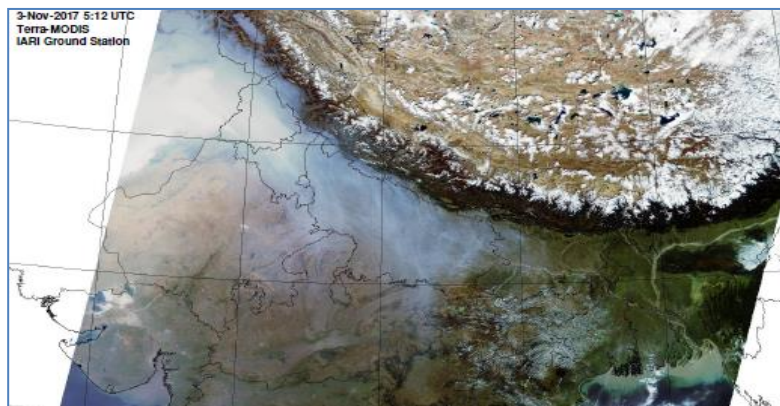
**Bulletin
No. 43**

**Events Date:
27-Oct-2023**

**Issued on:
27-Oct-2023**



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



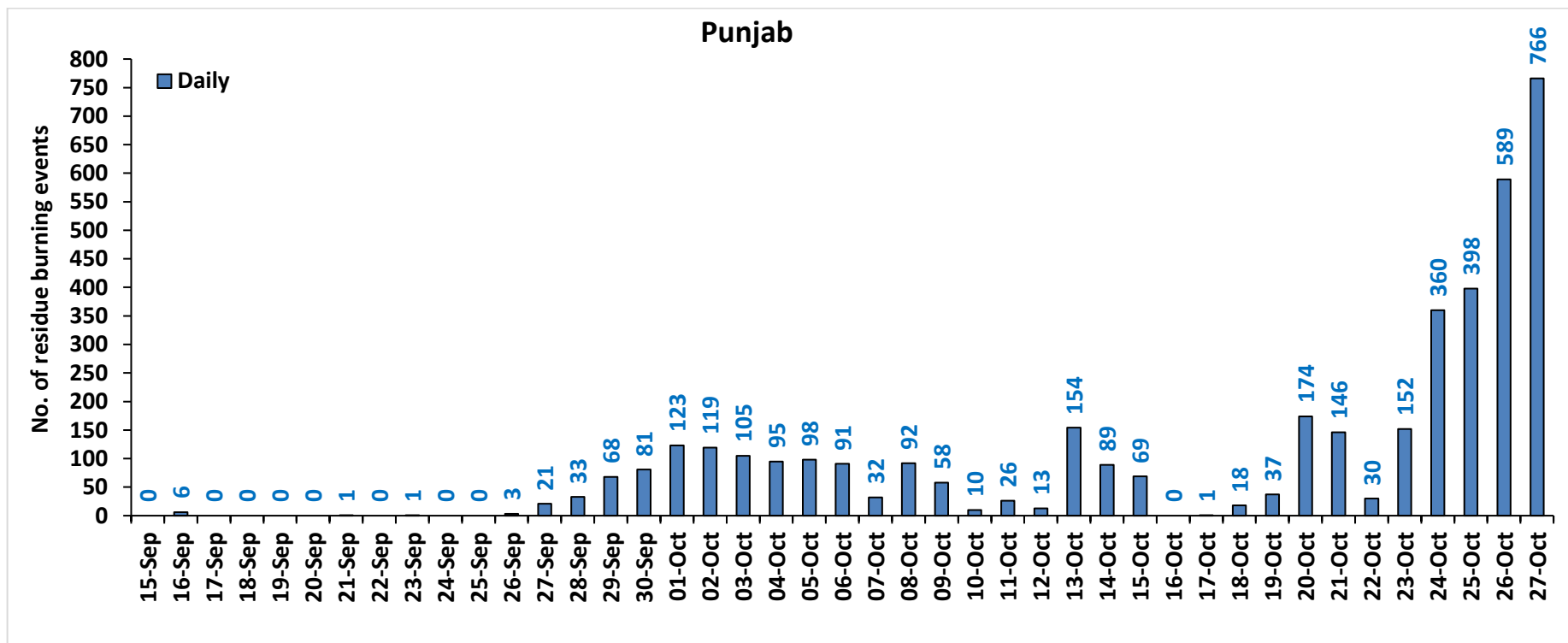
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

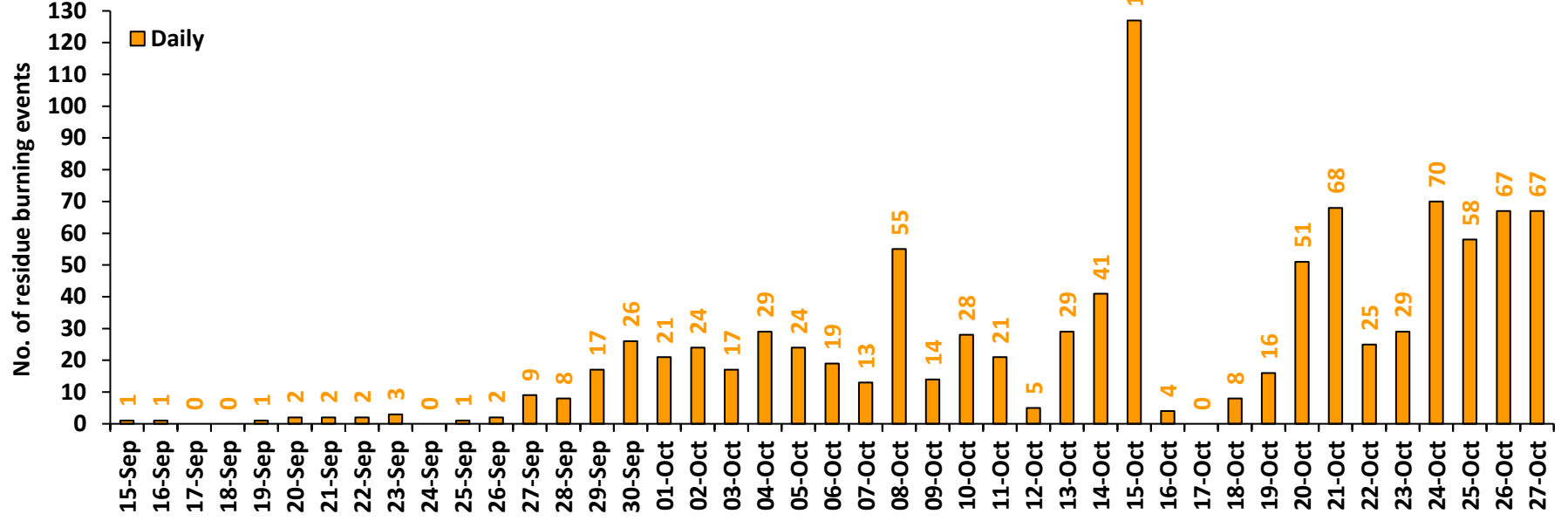
Highlights for 27-Oct-2023

- 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 **1259** residue burning events in the six study States on 27-Oct-2023.
- The state wise events detected on 27-Oct-2023 were **766** in Punjab, **67** in Haryana, **97** in UP, **00** in Delhi, **73** in Rajasthan and **256** in MP.
- Total **8395** burning events were detected in the six states between 15-Sept-2023 and 27-Oct-2023, which are distributed as **4059**, **1005**, **803**, **02**, **689** and **1837** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

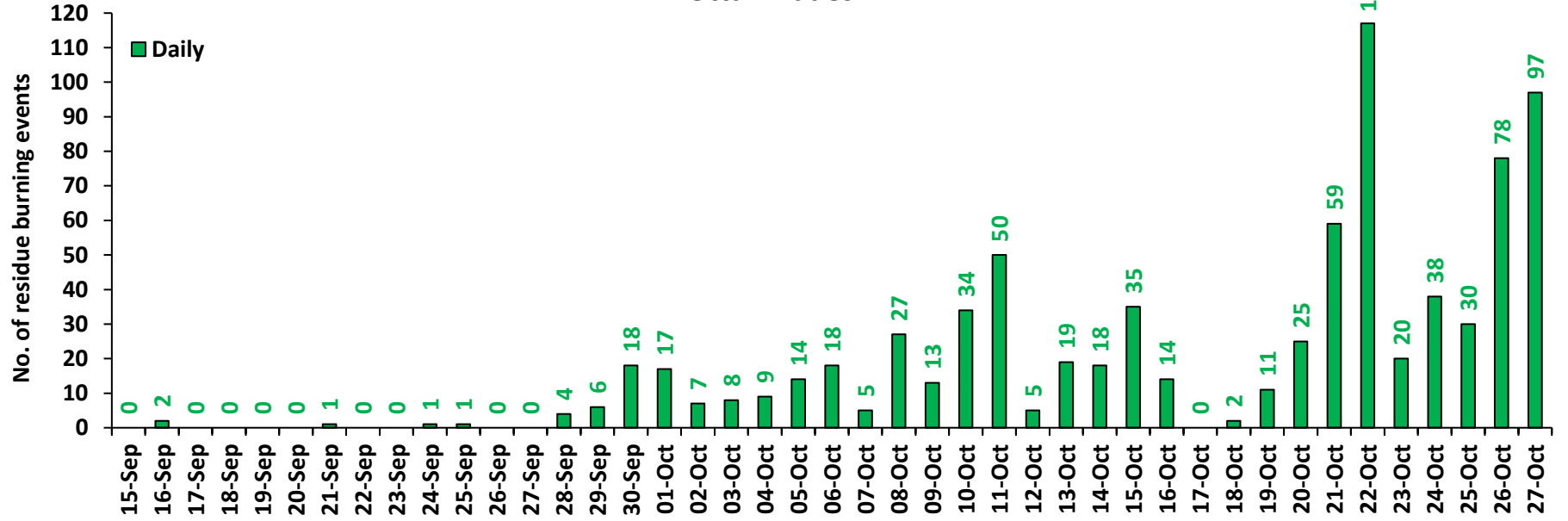
Temporal distribution of rice residue burning events for the study States in 2023



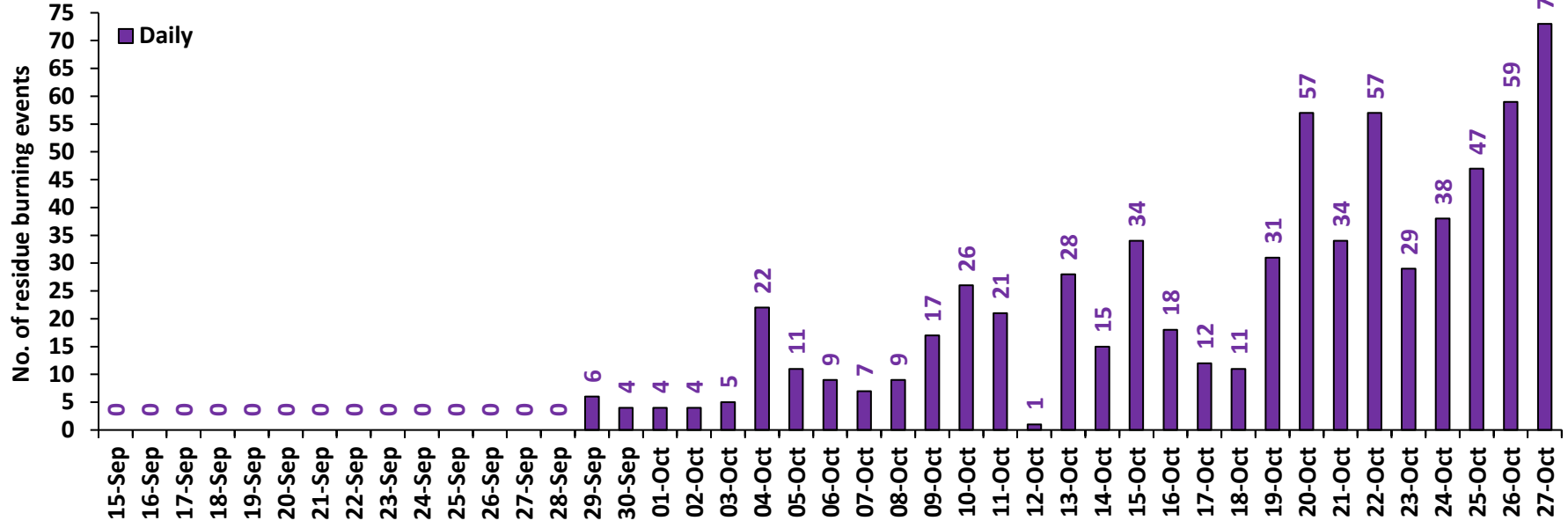
Haryana



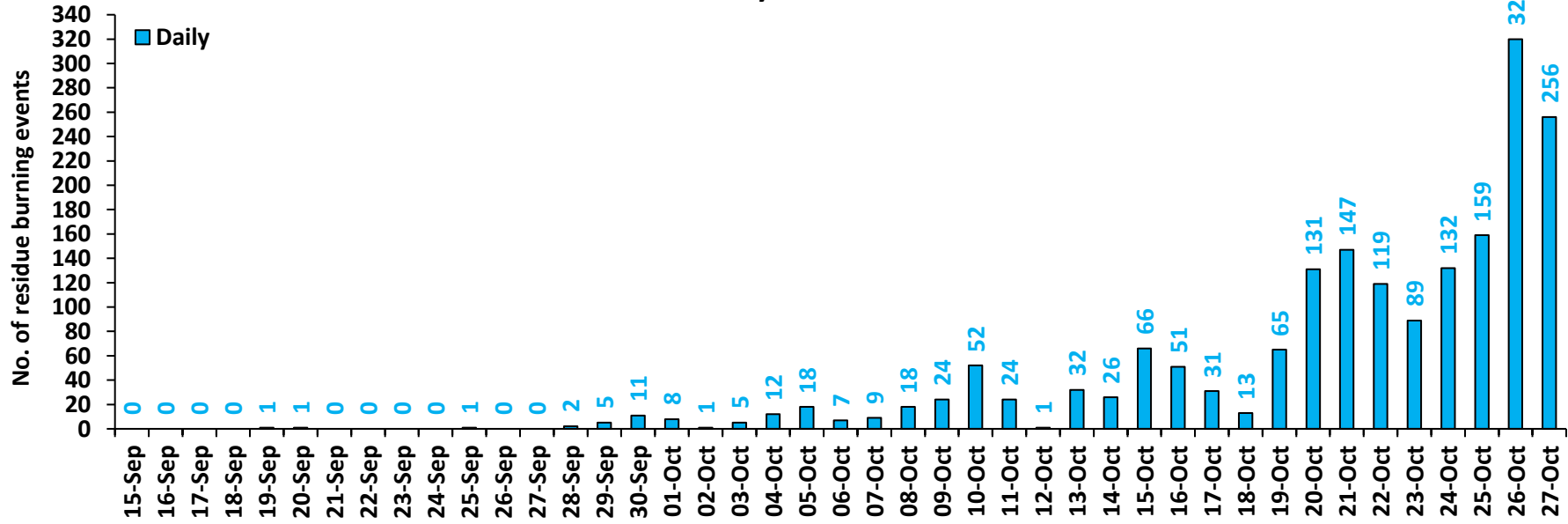
Uttar Pradesh



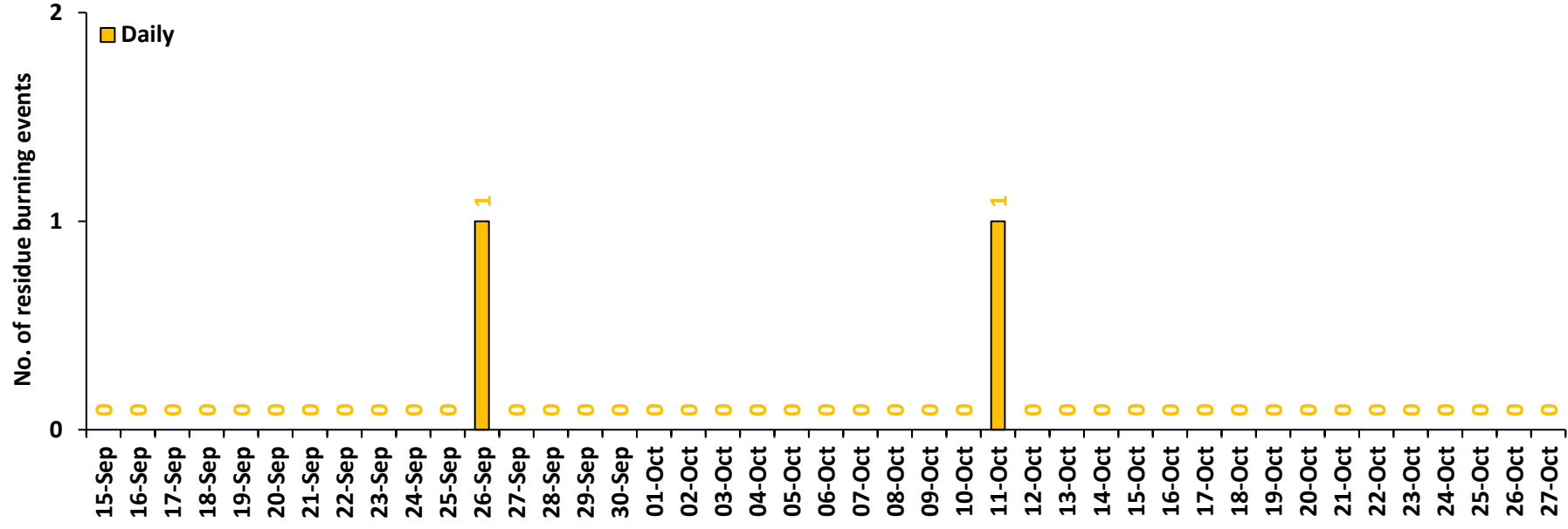
Rajasthan



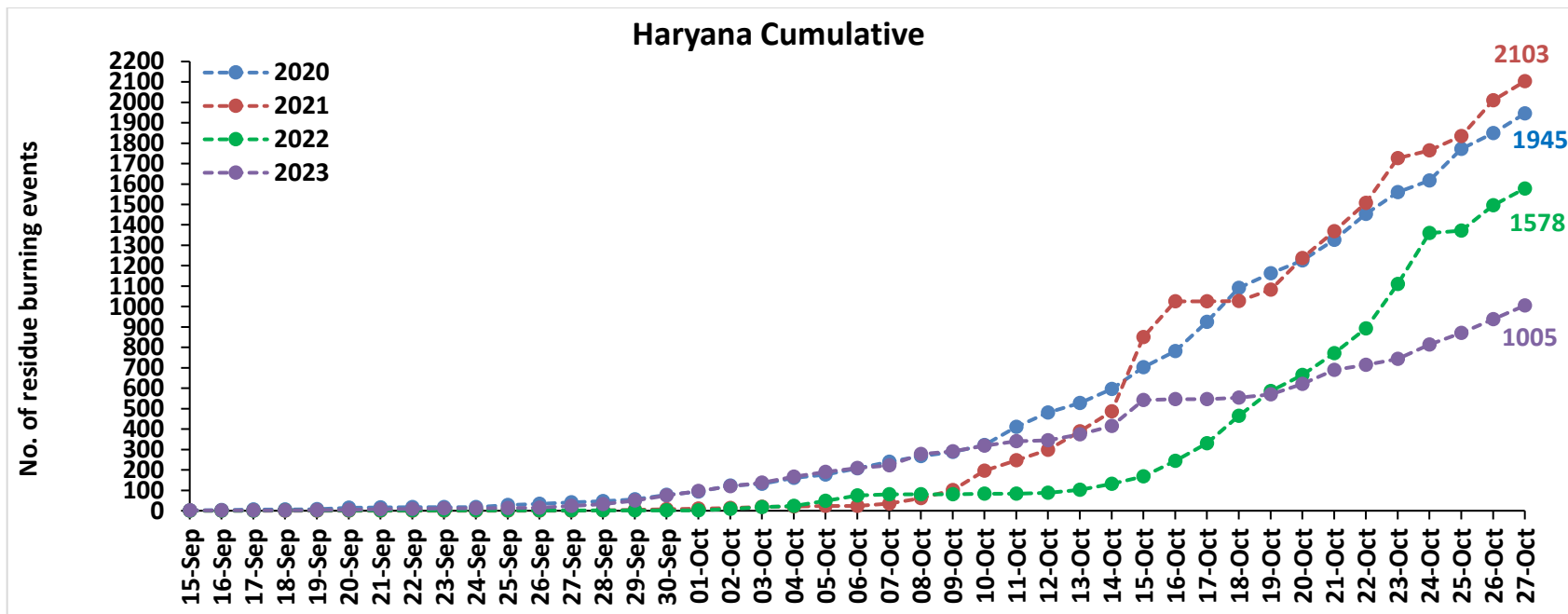
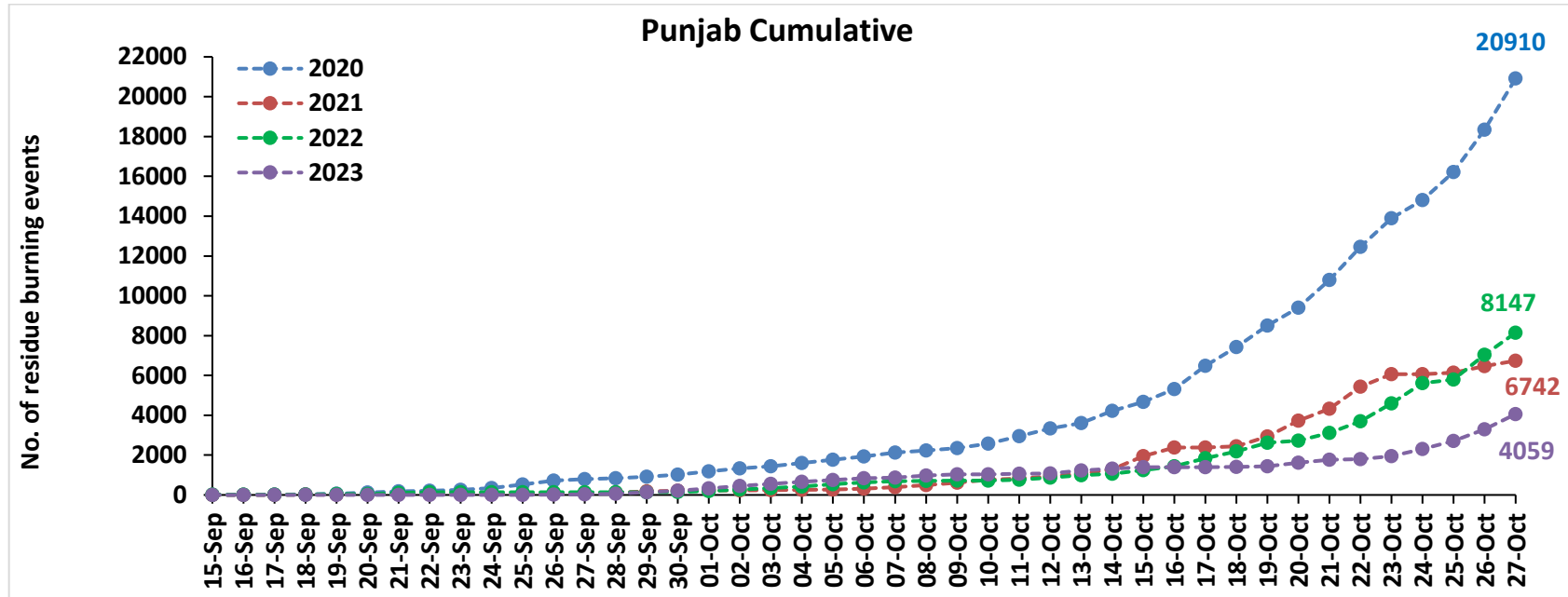
Madhya Pradesh

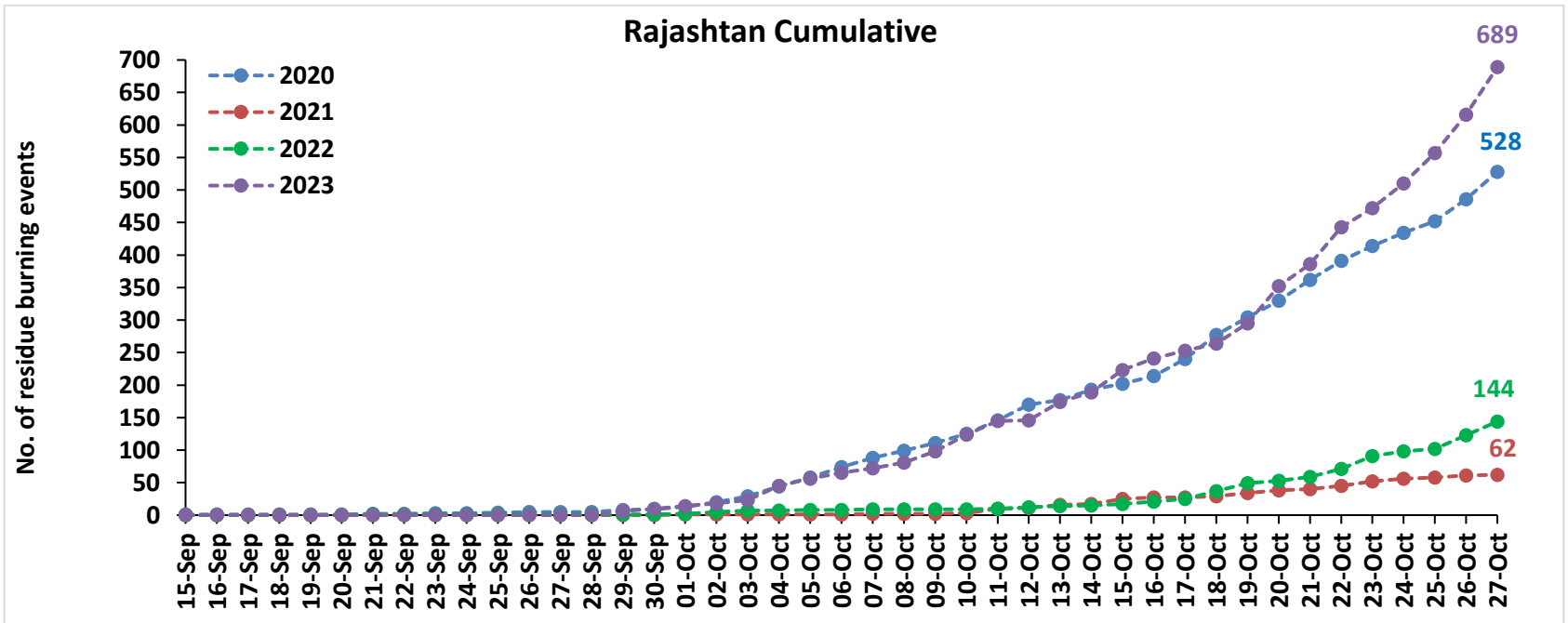
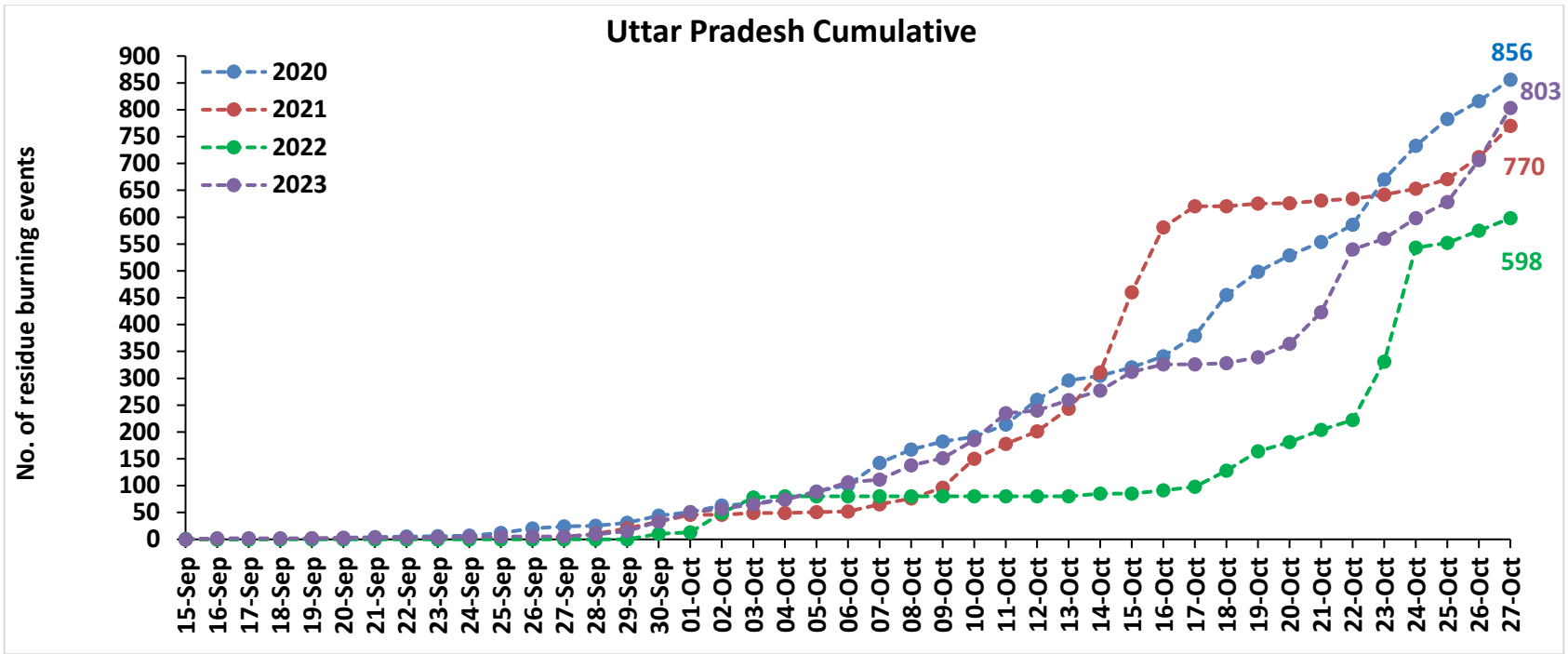


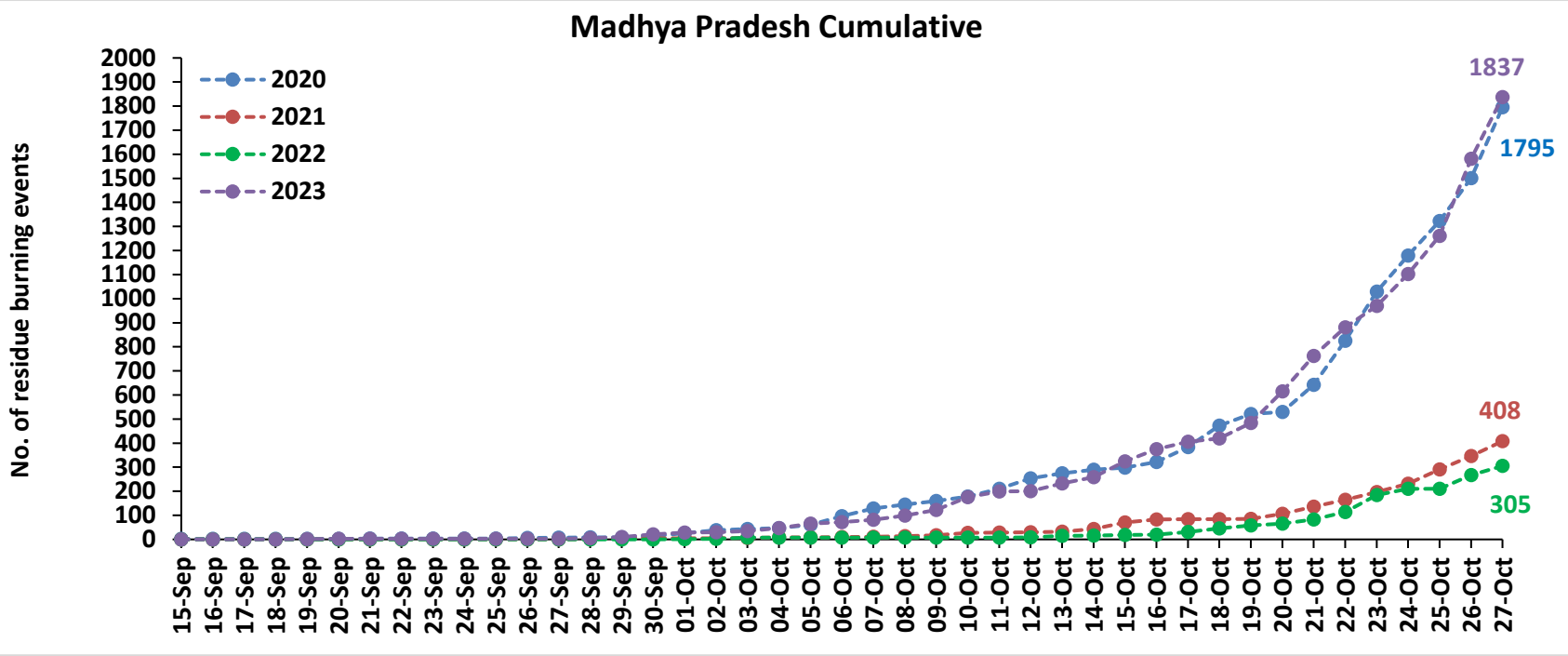
Delhi



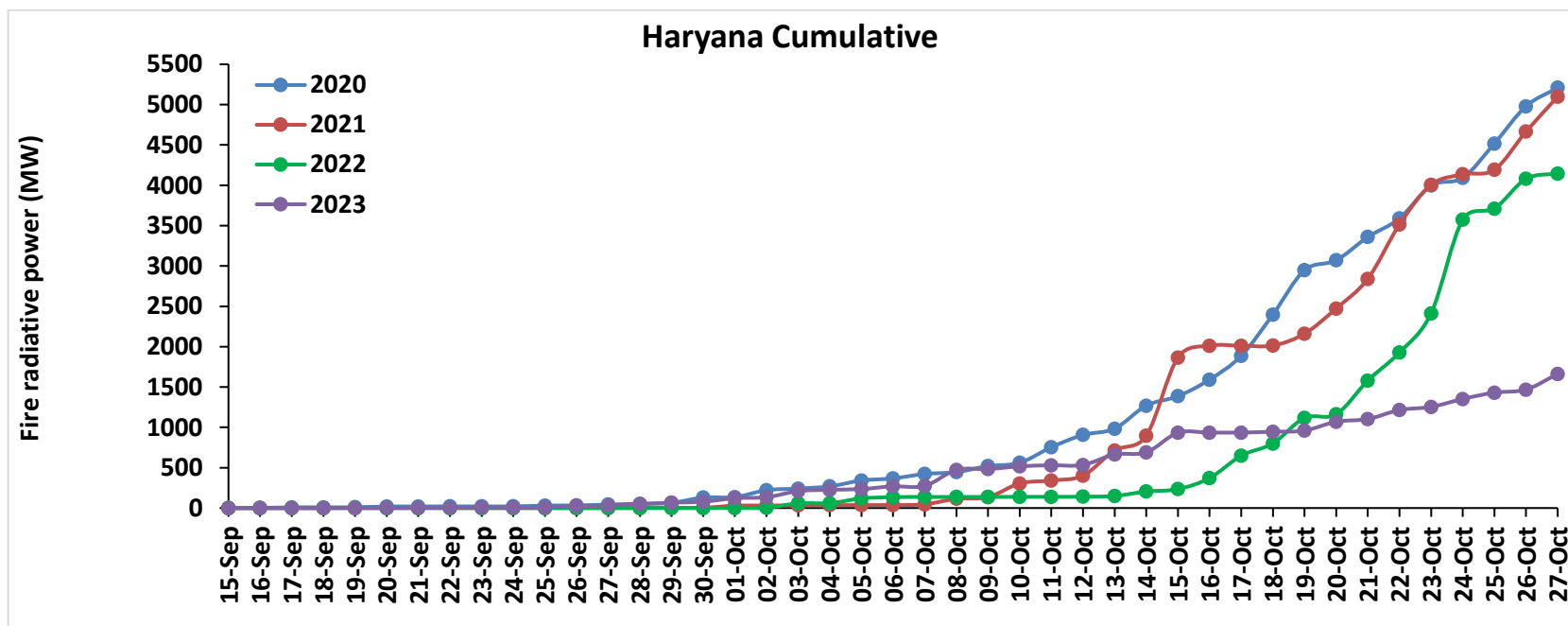
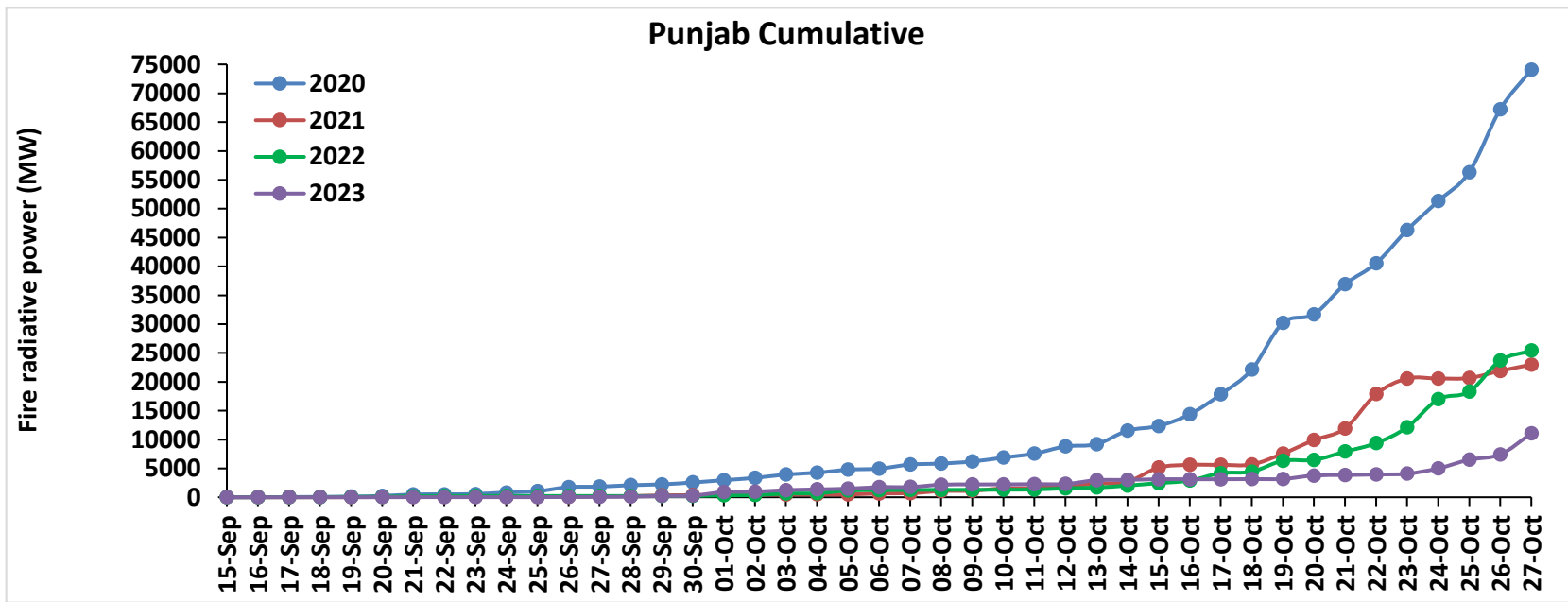
Comparison of residue burning events in current year (2023) with previous years (2020, 2021 and 2022) for the study State

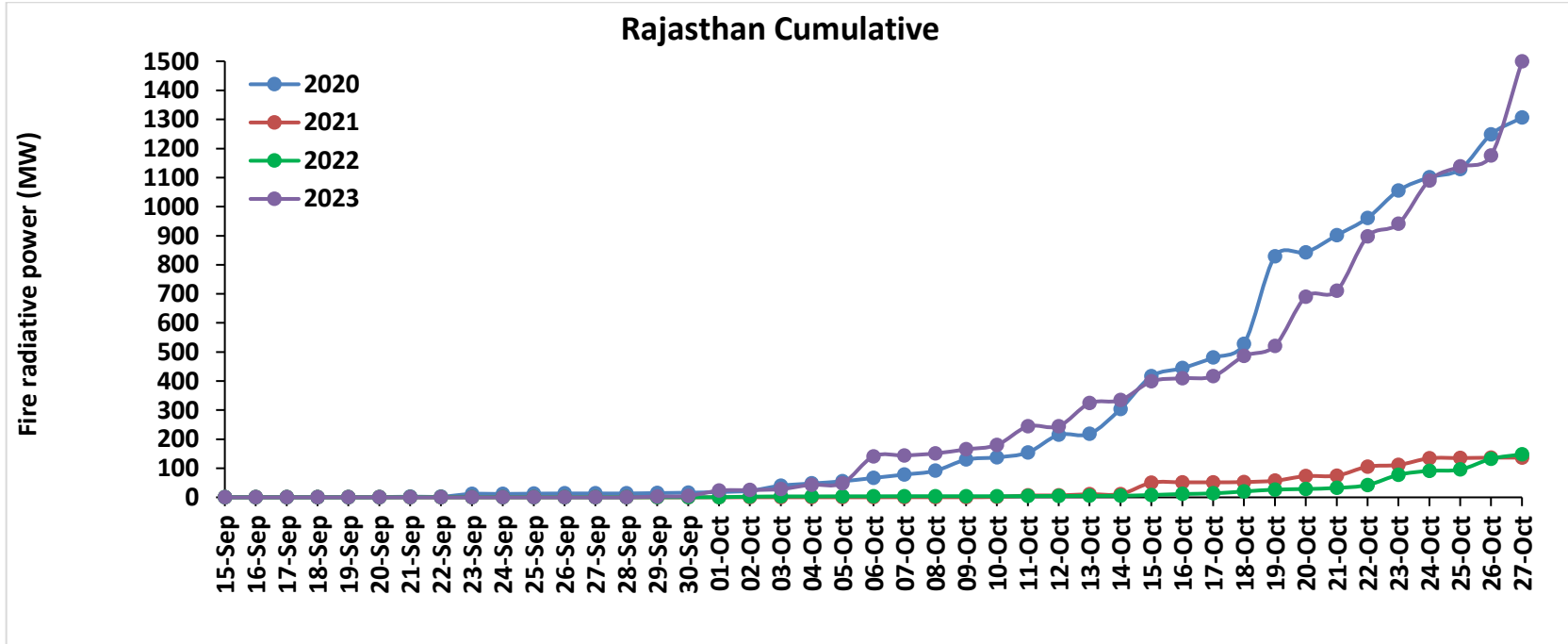
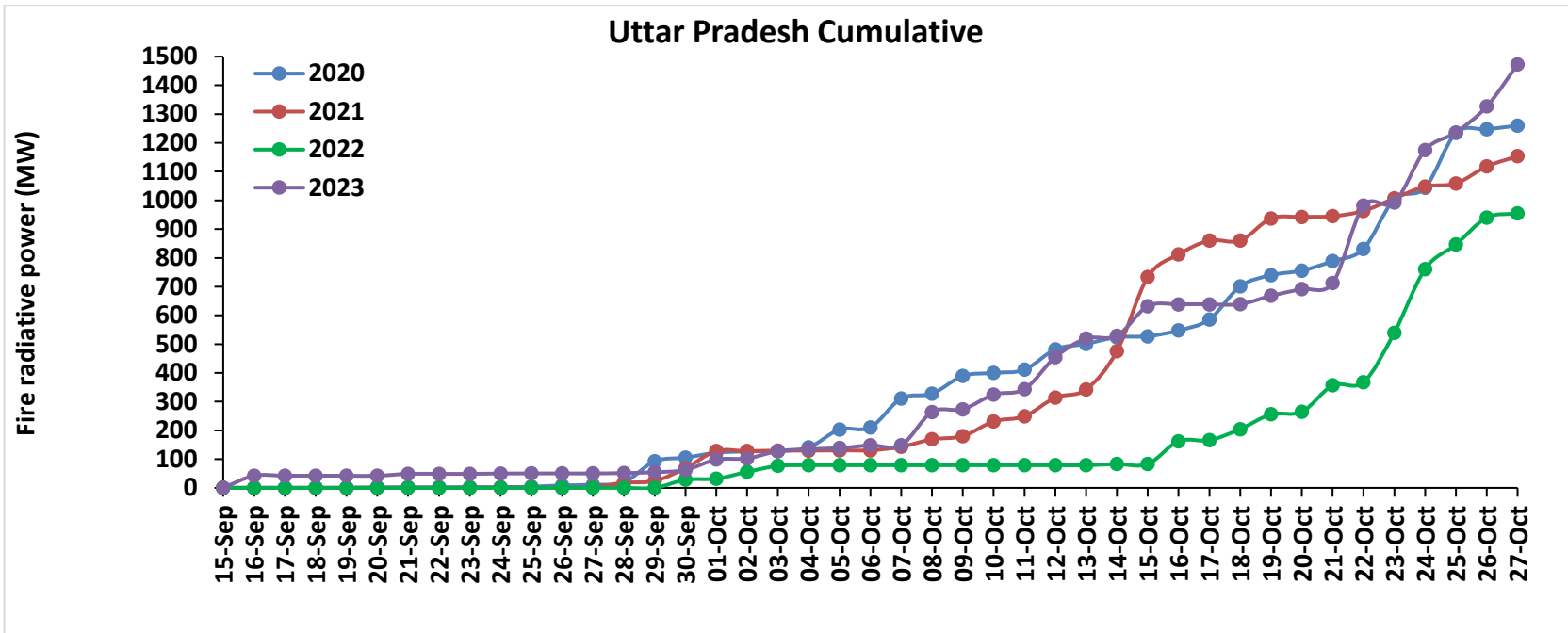


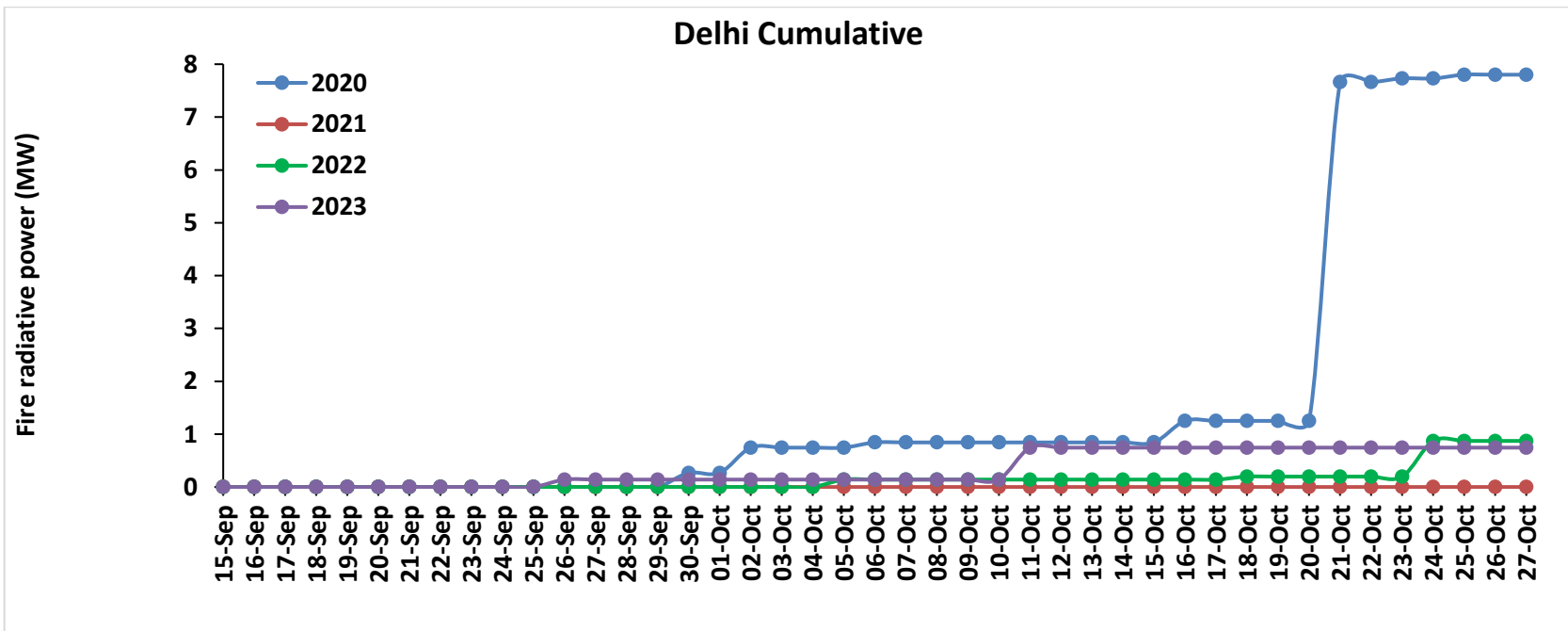
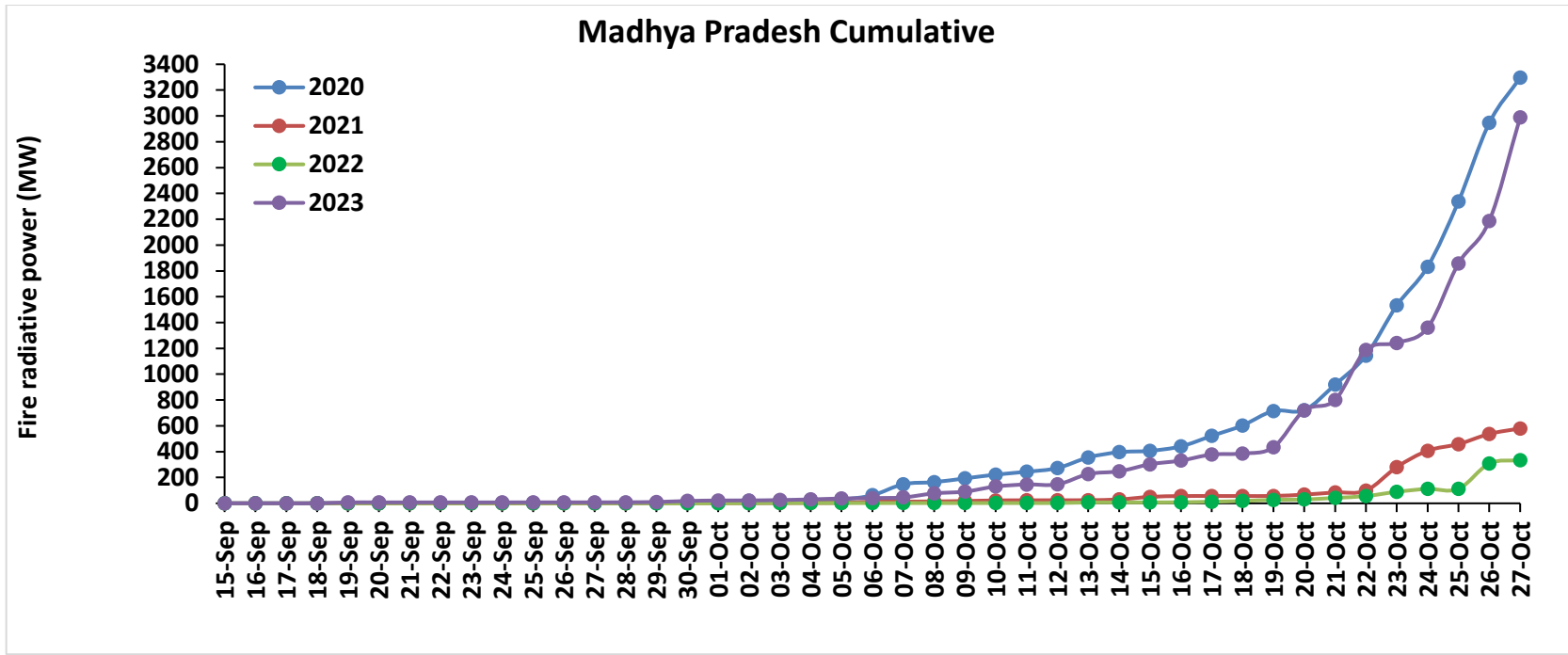




Comparison of residue burning fire power in current year (2023) with previous years (2020, 2021 and 2022) for the study States

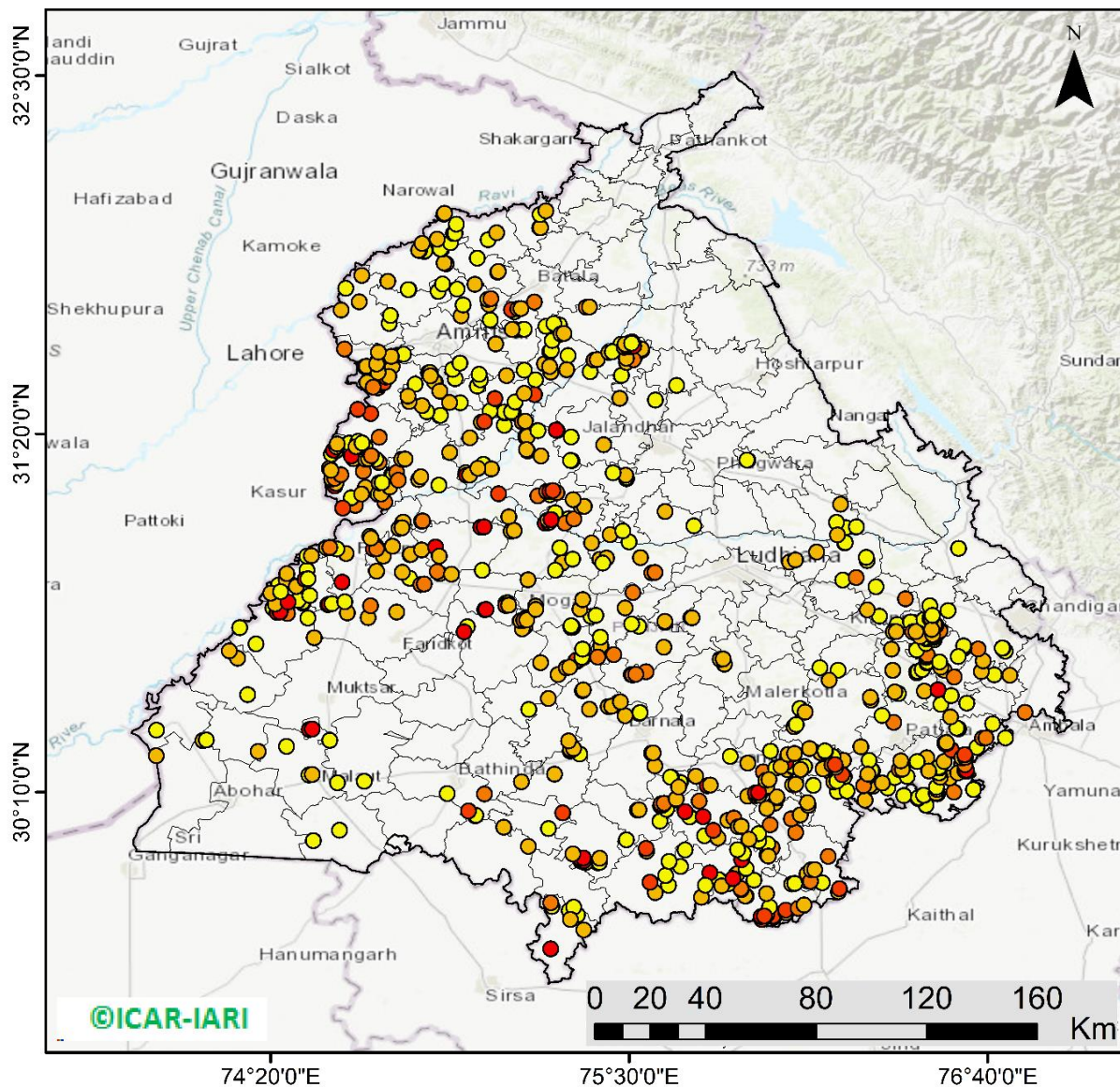






Punjab

RICE RESIDUE BURNING IN PUNJAB



766 burning events detected in Punjab during (27th Oct 2023)

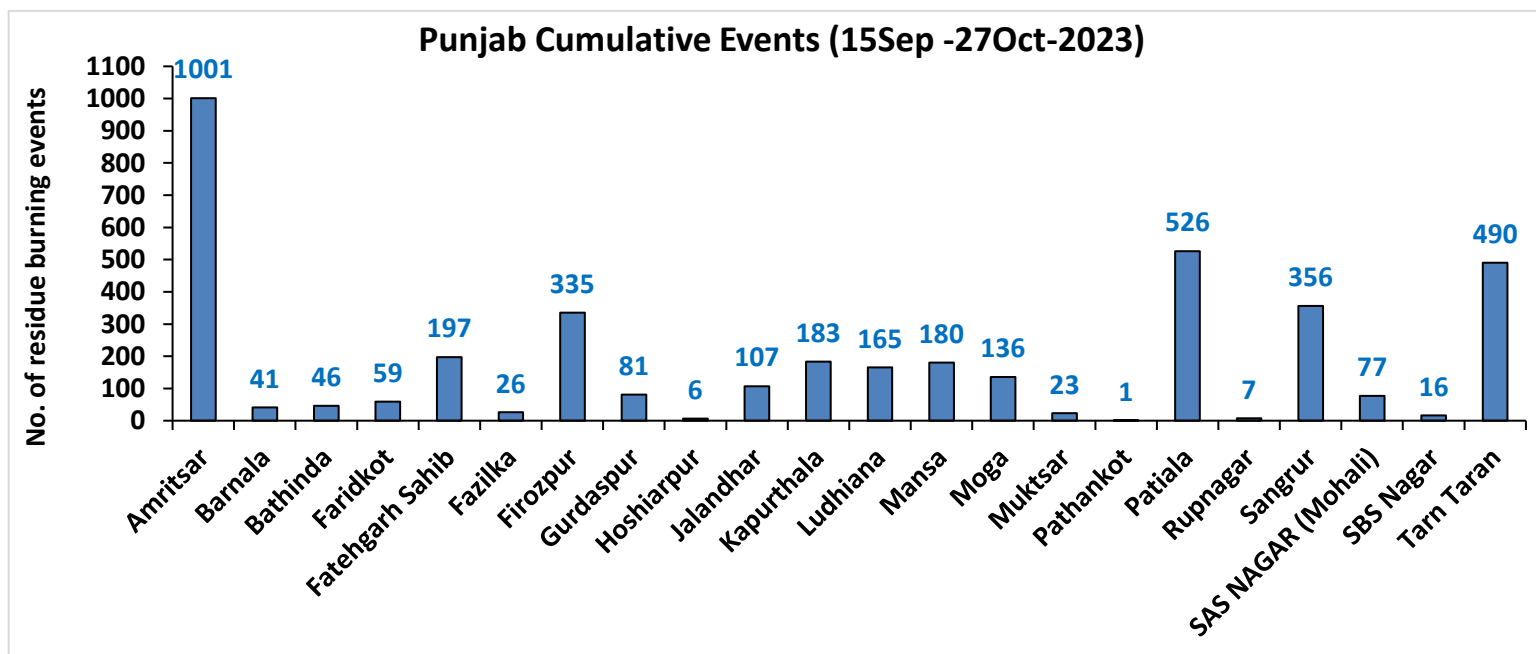
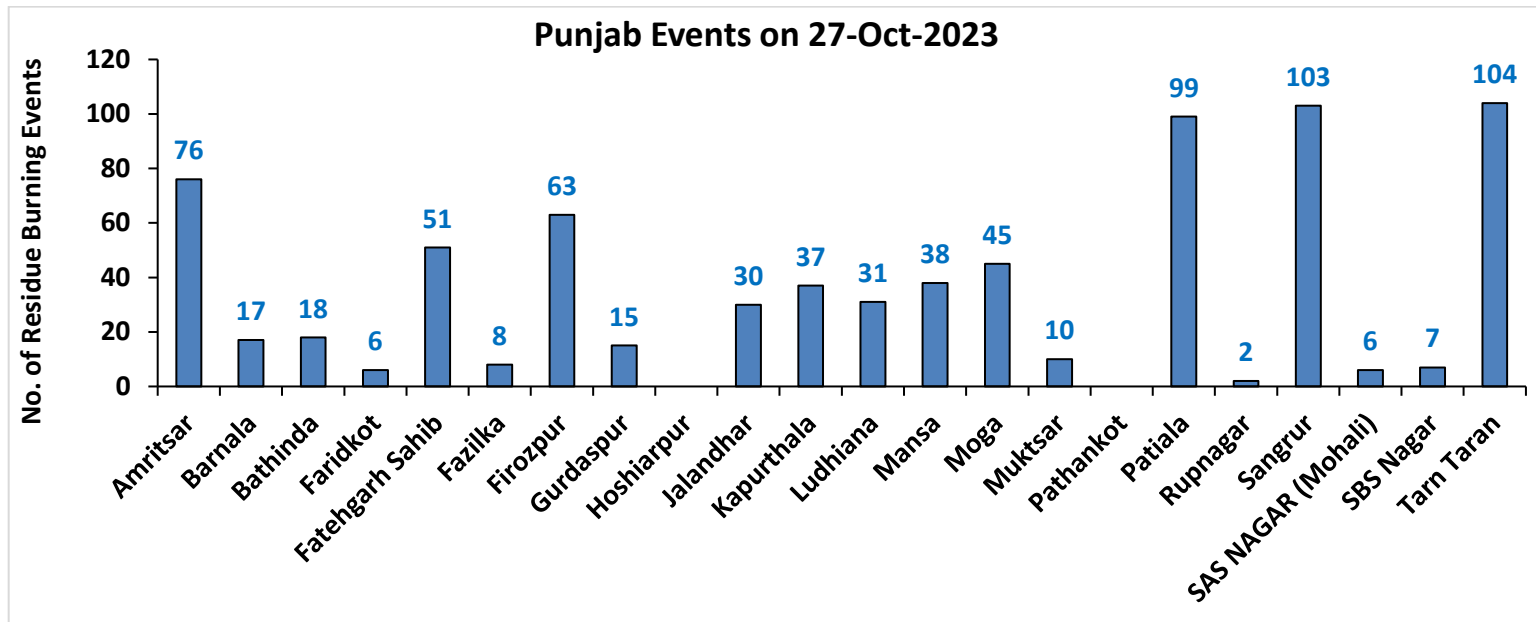
Fire Intensity (W/m²)

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



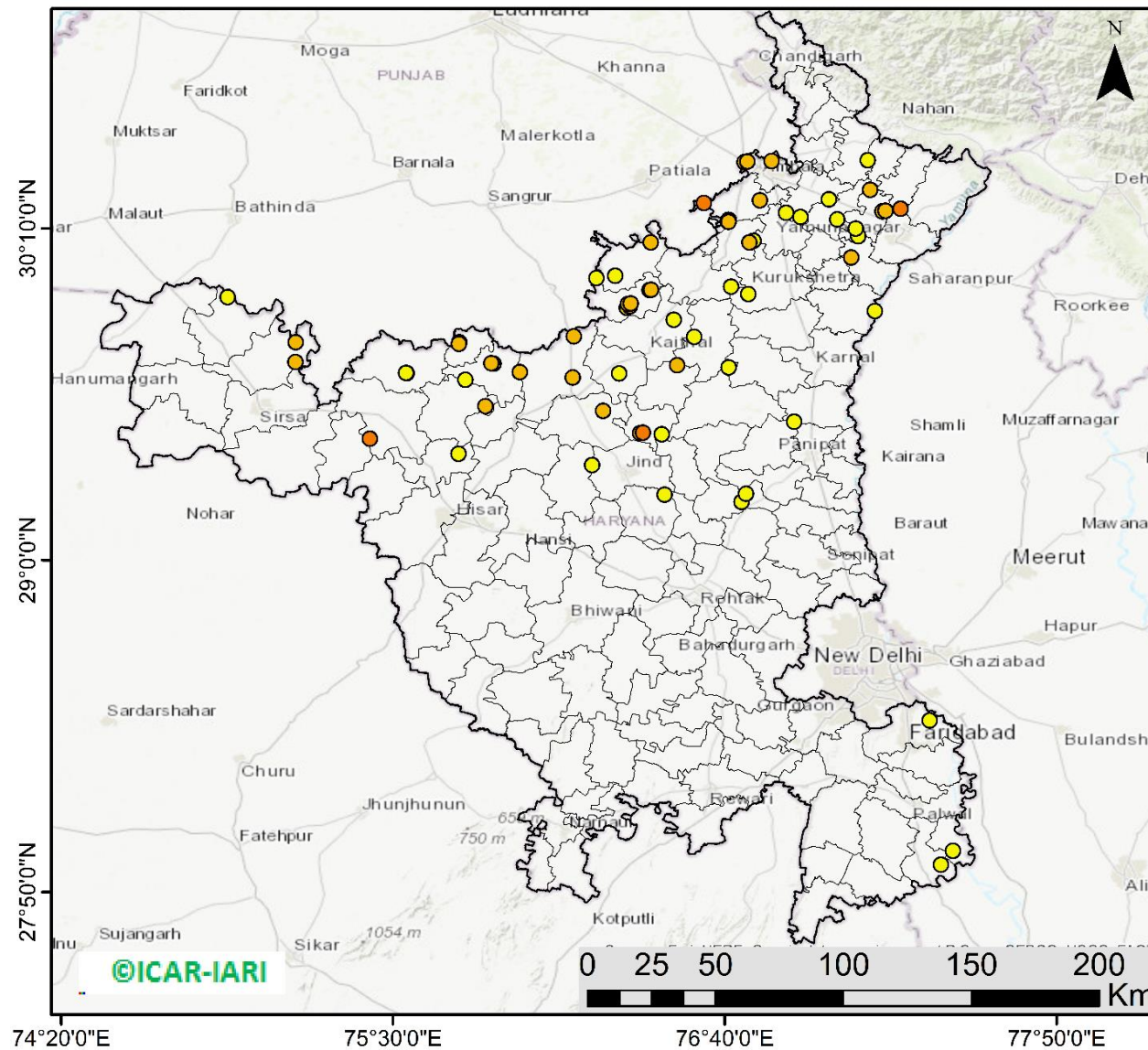
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Punjab (15Sep- 27Oct-2023)



Haryana

RICE RESIDUE BURNING IN HARYANA



67 burning events detected in Haryana on (27th Oct 2023)

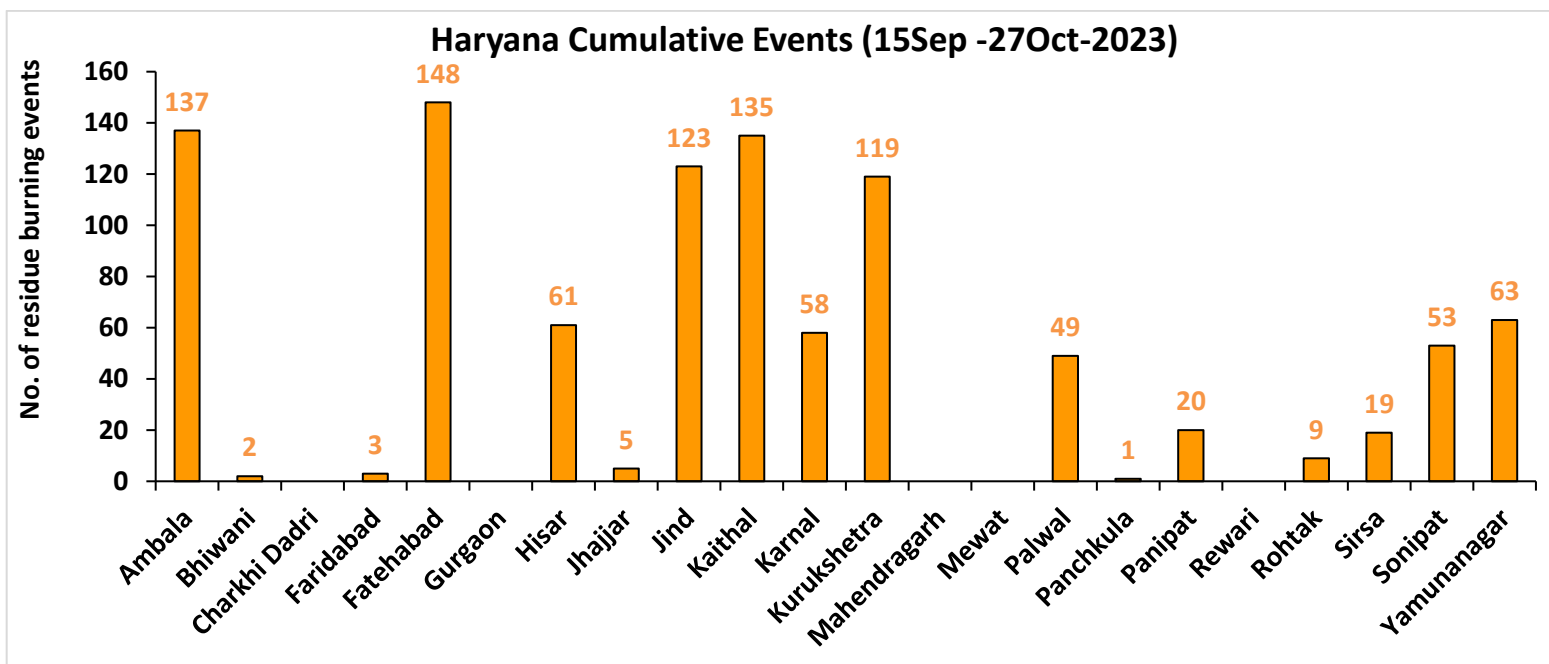
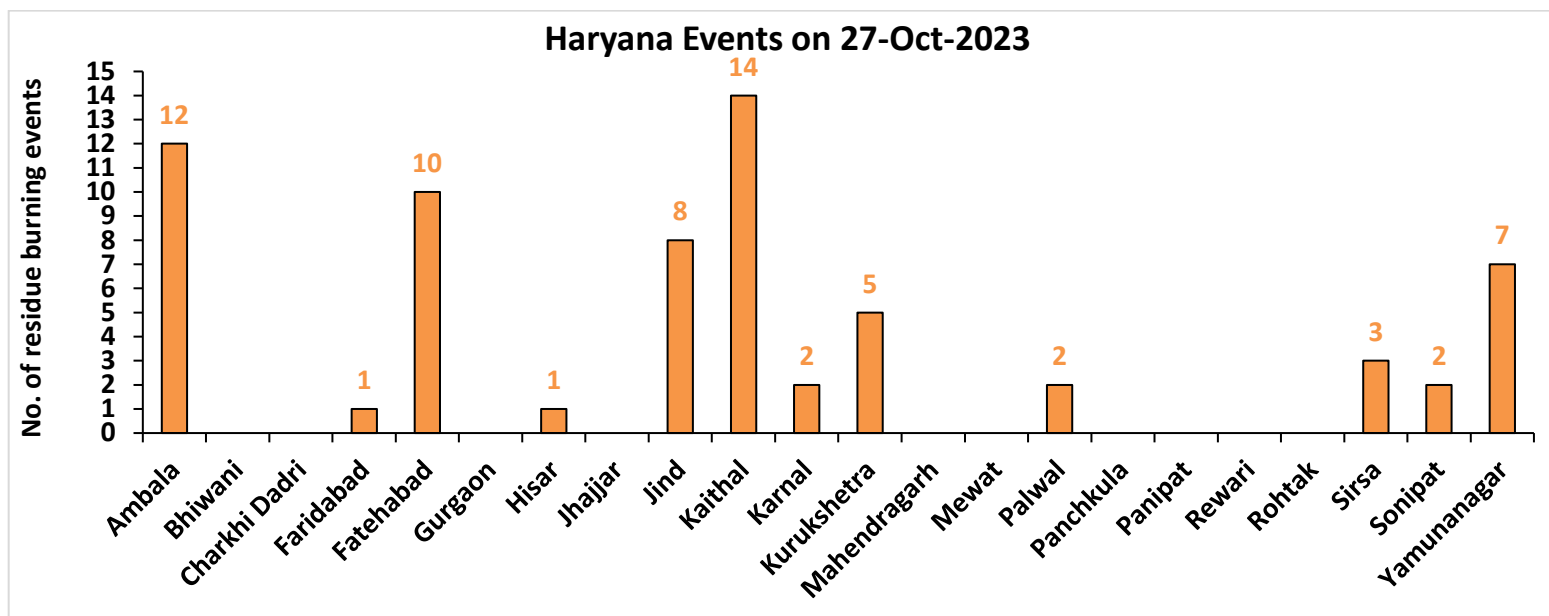
Fire Intensity (W/m²)

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



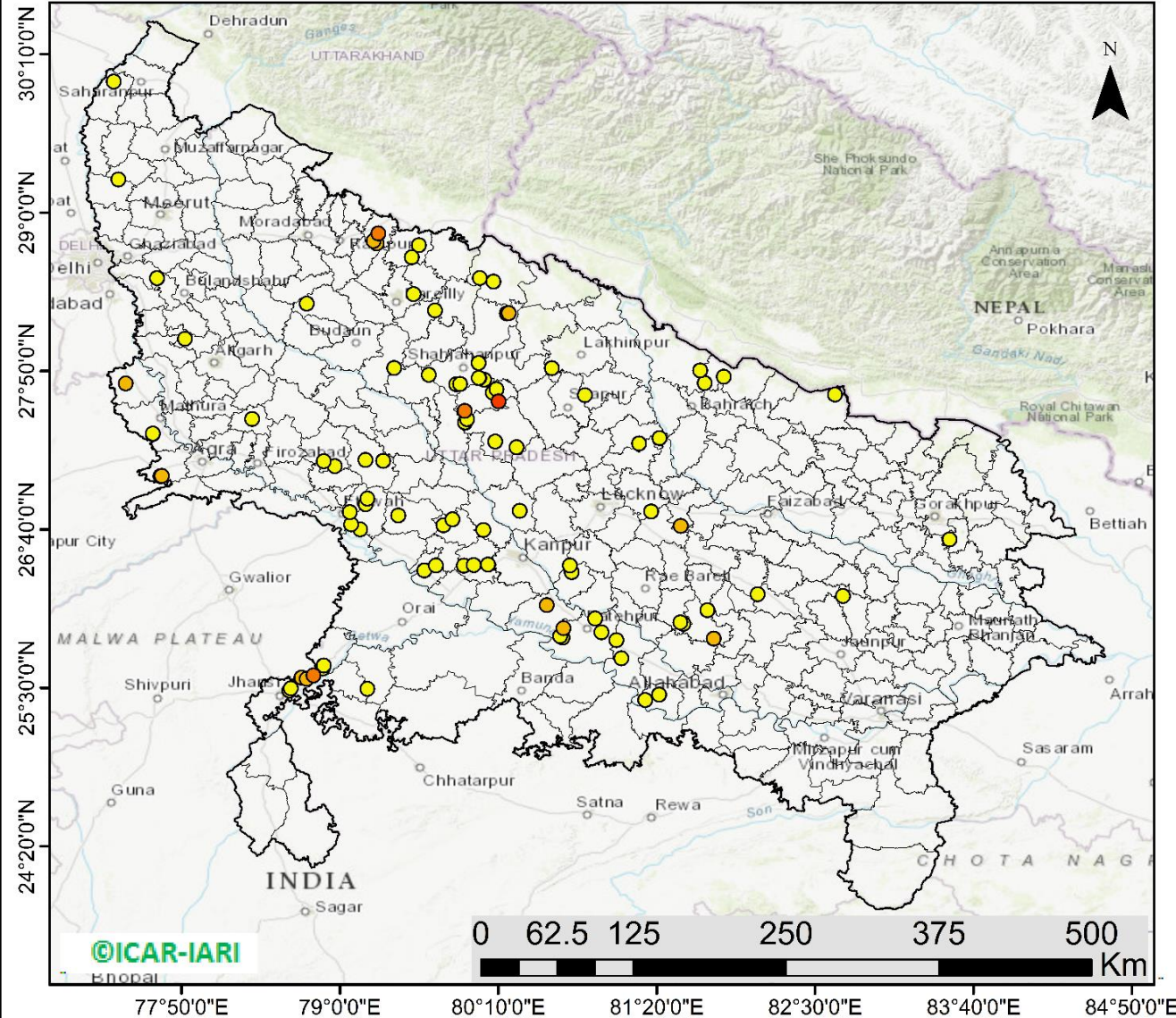
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Haryana (15Sep-27Oct -2023)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



97 burning events detected in Uttar Pradesh on (27th Oct 2023)

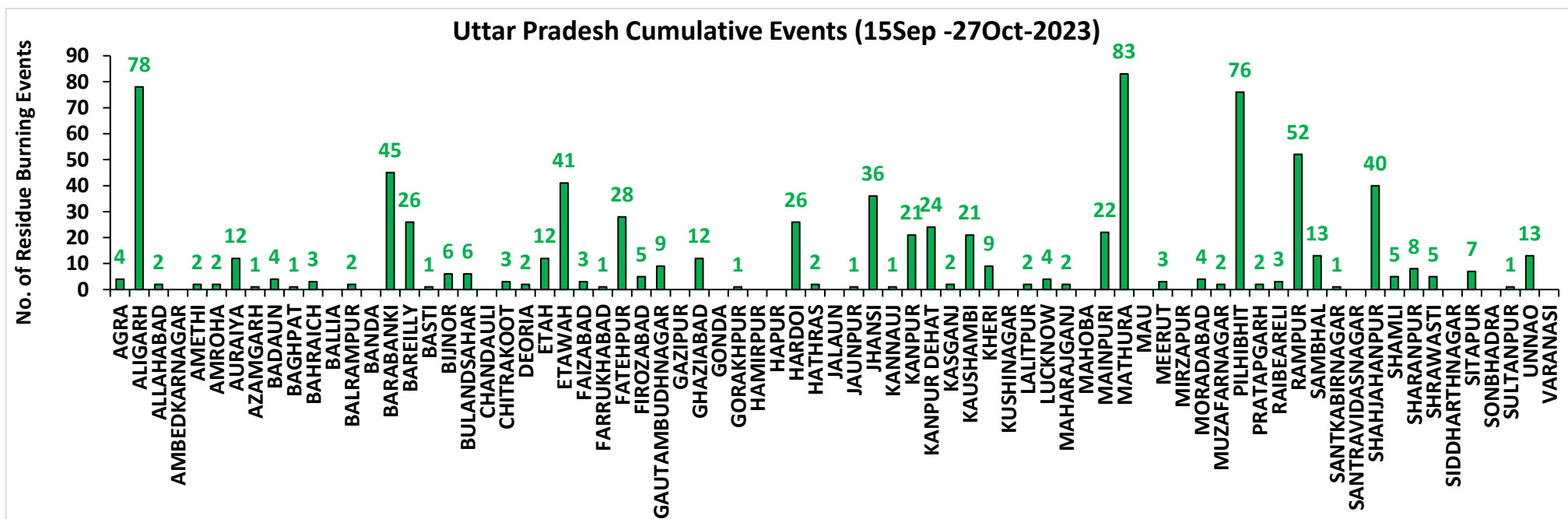
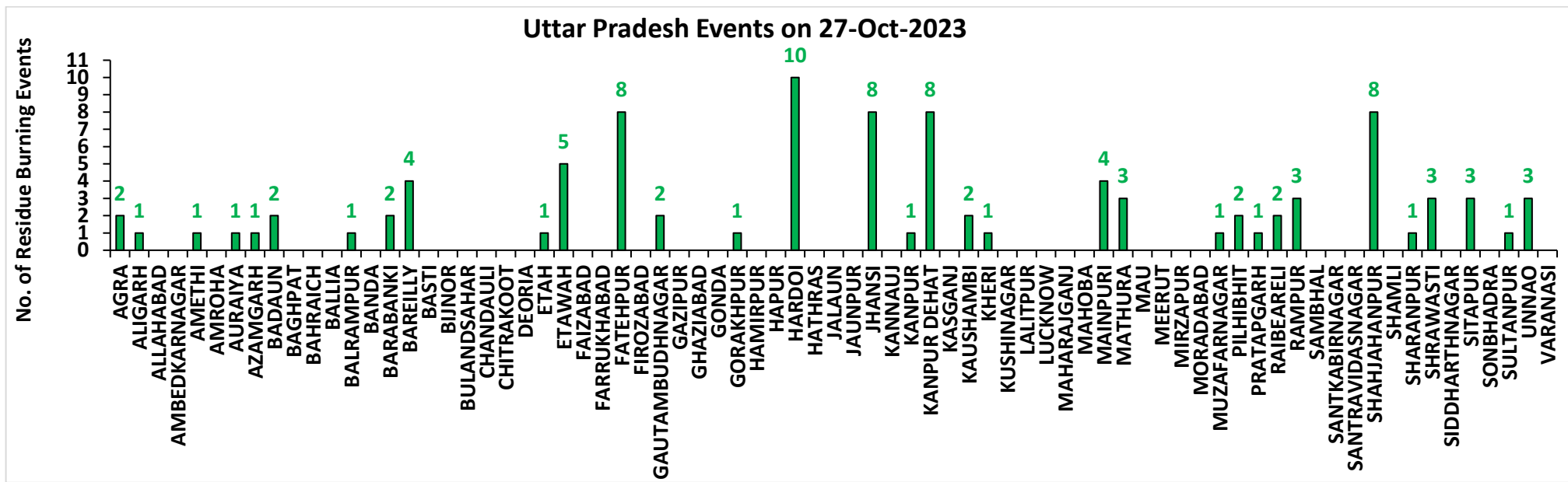
Fire Intensity (W/m2)

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



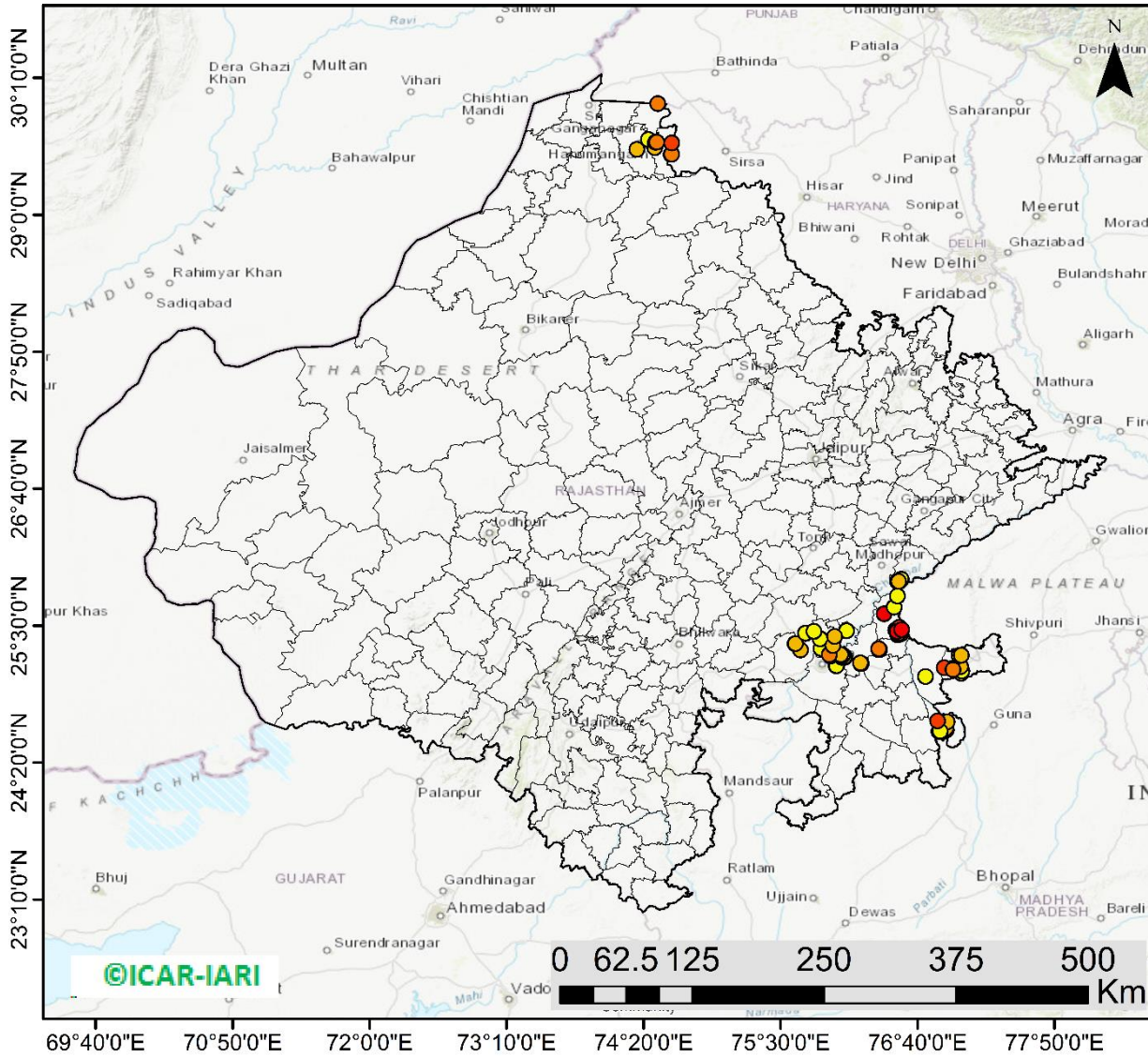
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-27Oct -2023)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



73 burning events
detected in Rajasthan on
(27th Oct 2023)

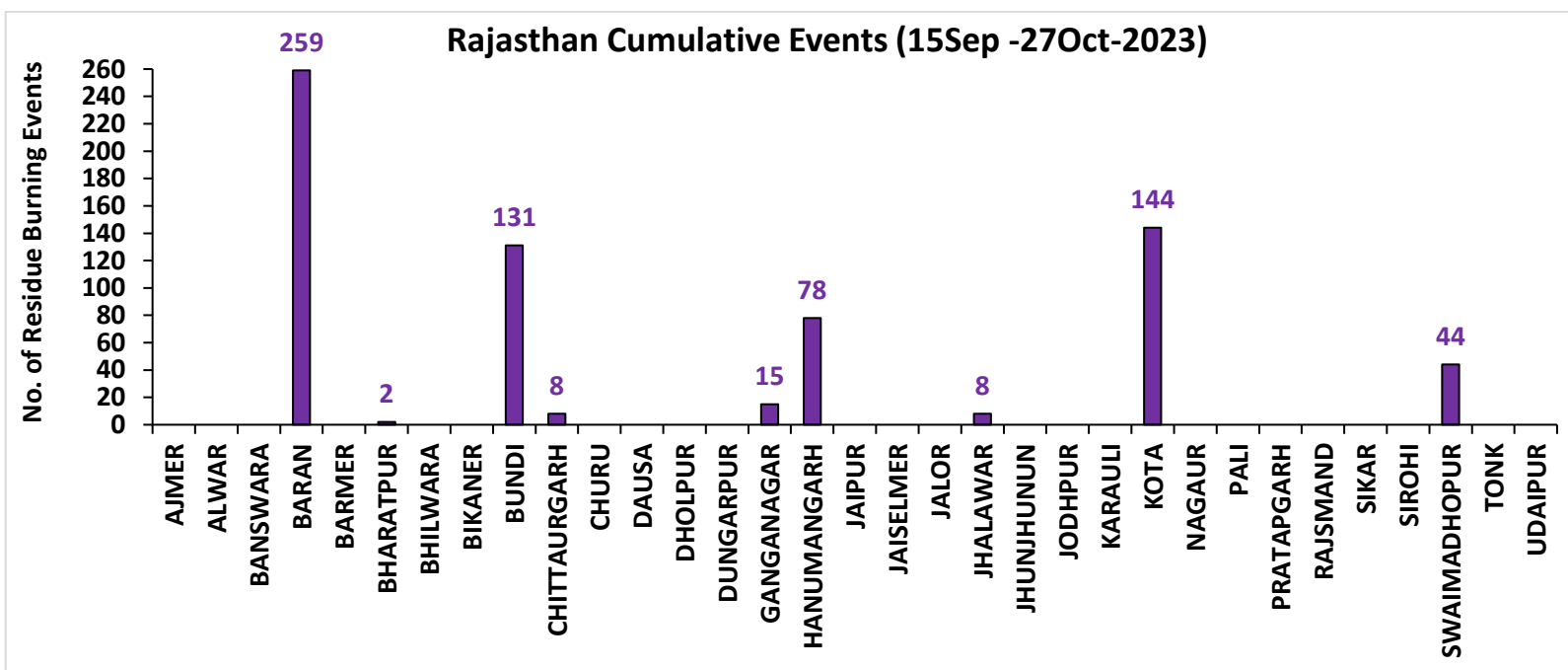
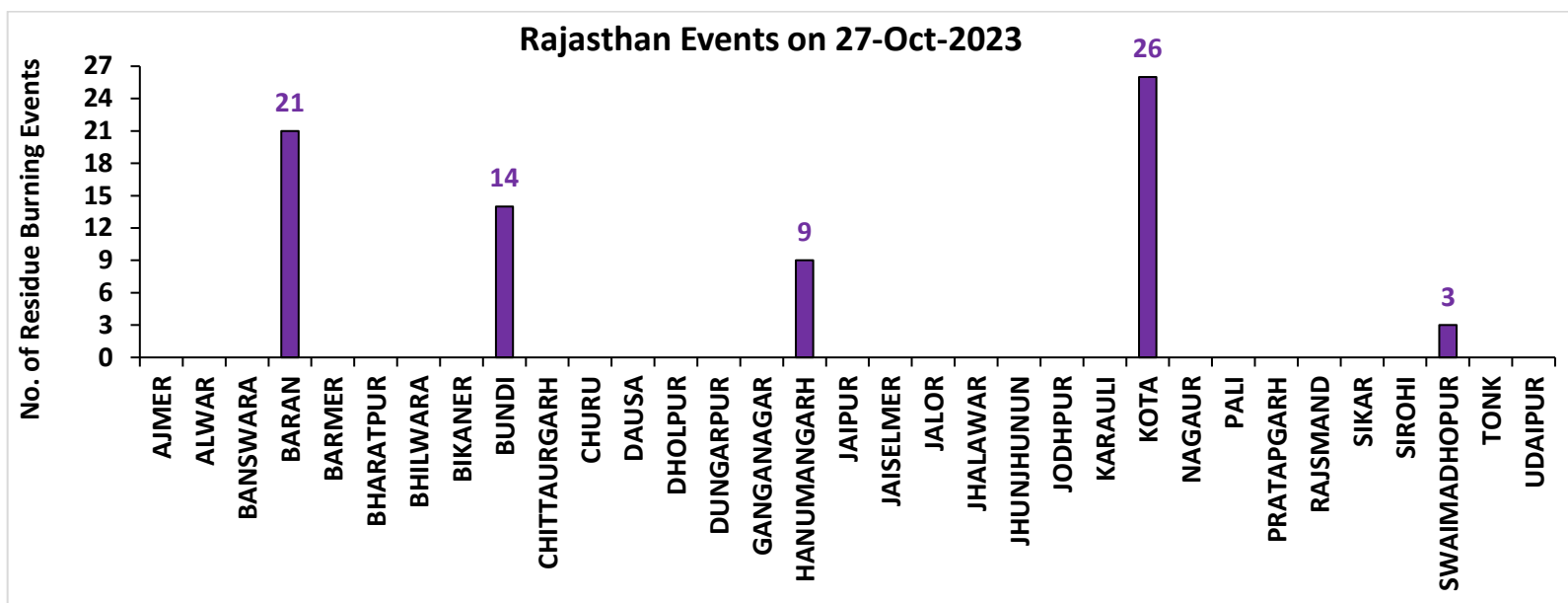
Fire Intensity (W/m²)

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



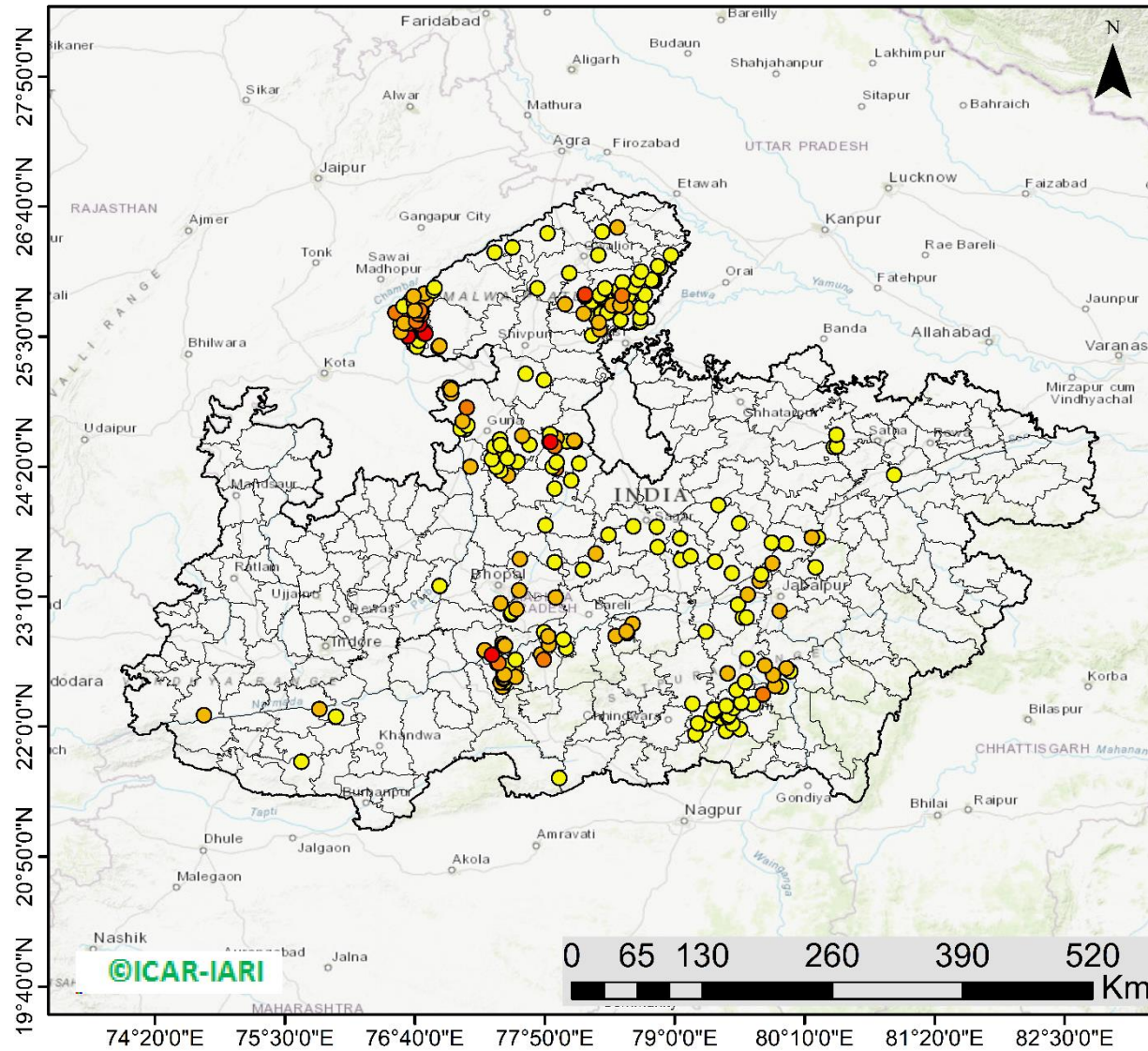
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Rajasthan (15Sep-27Oct -2023)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



256 burning events detected in MP on (27th Oct 2023)

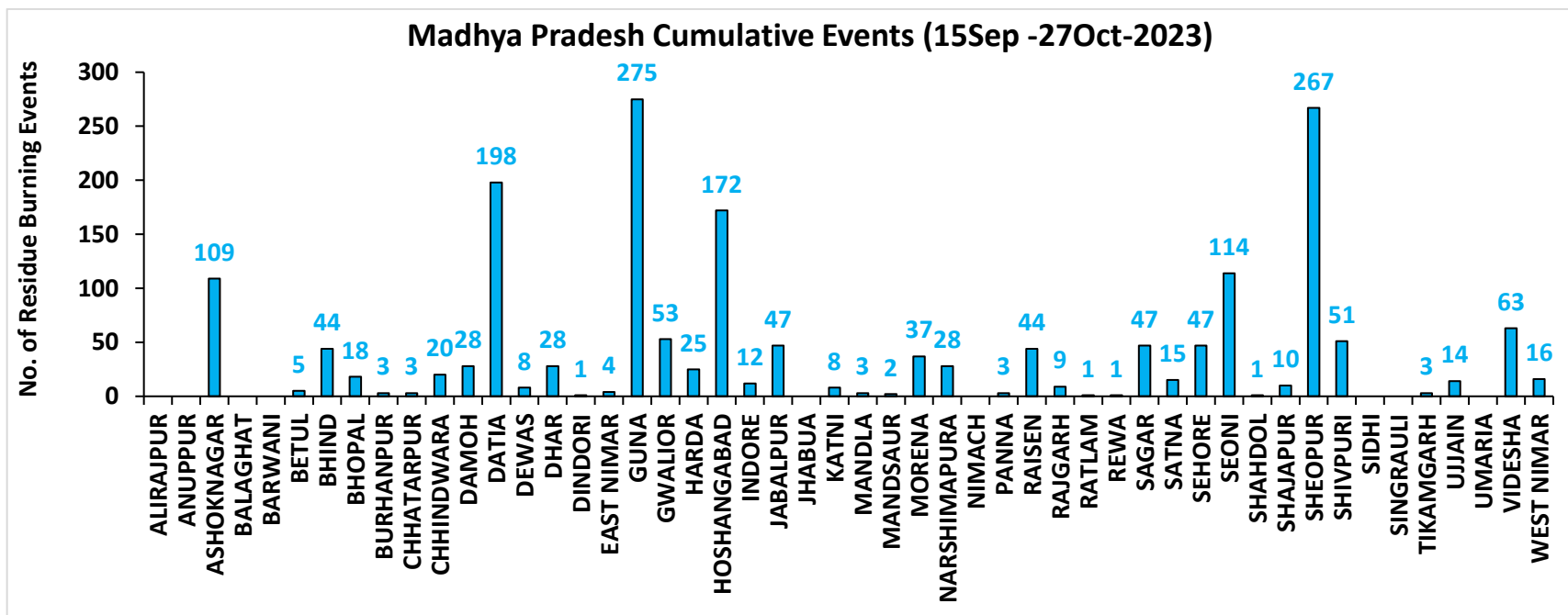
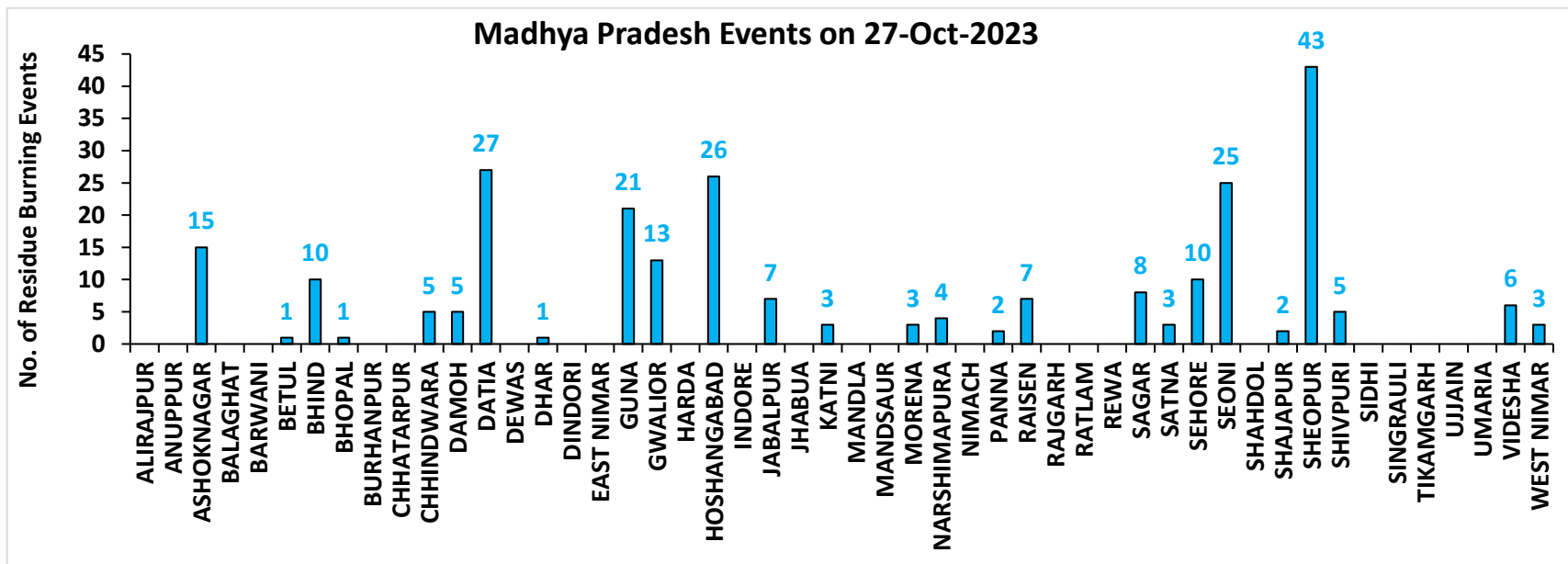
Fire Intensity (W/m²)

- 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-27Oct -2023)



District-wise cumulative number of residues burning events detected in 2020, 2021, 2022 and 2023
(Period: 15 September-27 October)

(a) Punjab

District	15 Sep-27 Oct			
	2020	2021	2022	2023
Amritsar	2523	966	1188	1001
Barnala	239	65	115	41
Bathinda	390	116	196	46
Faridkot	1066	392	79	59
Fatehgarh Sahib	672	286	346	197
Fazilka	302	94	87	26
Firozpur	2904	440	495	335
Gurdaspur	1585	394	661	81
Hoshiarpur	264	67	86	6
Jalandhar	544	285	394	107
Kapurthala	1083	411	550	183
Ludhiana	677	416	364	165
Mansa	282	45	104	180
Moga	488	179	193	136
Muktsar	553	149	75	23
Pathankot	8	0	0	1
Patiala	1932	608	810	526
Rupnagar	91	46	74	7
Sangrur	1105	168	519	356
SAS NAGAR (Mohali)	92	55	60	77
SBS Nagar	42	34	13	16
Tarn Taran	4068	1526	1738	490
Total	20910	6742	8147	4059

(b) Haryana

District	15 Sep-27 Oct			
	2020	2021	2022	2023
AMBALA	259	111	112	137
BHIWANI	0	0	0	2
CHARKHI DADRI	0	0	0	0
FARIDABAD	1	2	1	3
FATEHABAD	152	143	191	148
GURGAON	0	0	0	0
HISAR	10	8	27	61
JHAJJAR	1	0	0	5
JIND	64	102	134	123
KAITHAL	433	586	438	135
KARNAL	456	620	230	58
KURUKSHETRA	359	373	263	119
MAHENDRAGARH	0	0	0	0
MEWAT	0	0	0	0
PALWAL	32	32	21	49
PANCHKULA	0	0	0	1
PANIPAT	14	24	24	20
REWARI	0	0	0	0
ROHTAK	5	0	0	9
SIRSA	41	20	33	19
SONIPAT	17	8	13	53
YAMUNANAGAR	101	74	91	63
Total	1945	2103	1578	1005

(c) Uttar Pradesh

District	15 Sep-27 Oct													
	2020	2021	2022	2023	GAUTAMBUDHNAGAR	6	9	7	9	MUZAFARNAGAR	3	2	1	2
AGRA	2	0	0	4	GAZIPUR	0	0	0	0	PILHIBHIT	10	113	85	76
ALIGARH	65	25	24	78	GHAZIABAD	6	2	2	12	PRATAPGARH	4	0	0	2
ALLAHABAD	0	2	2	2	GONDA	0	0	0	0	RAIBEARELI	1	0	2	3
AMBEDKARNAGAR	0	0	0	0	GORAKHPUR	1	0	0	1	RAMPUR	68	54	46	52
AMETHI	1	2	4	2	HAMIRPUR	1	0	0	0	SAMBHAL	7	7	7	13
AMROHA	2	0	0	2	HAPUR	7	2	1	0	SANTKABIRNAGAR	0	0	1	1
AURAIYA	19	9	7	12	HARDOI	21	7	8	26	SANTRAVIDASNAGAR	0	0	0	0
AZAMGARH	0	0	0	1	HATHRAS	0	0	0	2	SHAHJAHANPUR	54	195	195	40
BADAUN	2	6	0	4	JALAUN	1	0	0	0	SHAMLI	23	17	6	5
BAGHPAT	5	1	1	1	JAUNPUR	0	1	0	1	SHARANPUR	48	25	5	8
BAHRAICH	33	6	5	3	JHANSI	33	7	1	36	SHRAWASTI	11	3	0	5
BALLIA	0	0	0	0	KANNAUJ	9	2	0	1	SIDDHARTHANAGAR	0	0	0	0
BALRAMPUR	5	2	1	2	KANPUR	6	7	10	21	SITAPUR	24	16	5	7
BANDA	0	0	0	0	KANPUR DEHAT	17	2	0	24	SONBHADRA	0	0	0	0
BARABANKI	23	24	22	45	KASGANJ	2	2	0	2	SULTANPUR	1	0	0	1
BAREILLY	25	18	11	26	KAUSHAMBI	18	8	3	21	UNNAO	7	1	0	13
BASTI	3	1	0	1	KHERI	55	65	67	9	VARANASI	1	0	0	0
BIJNOR	8	5	2	6	KUSHINAGAR	0	0	0	0	Total	856	770	598	803
BULANDSAHAR	19	2	7	6	LALITPUR	0	1	3	2					
CHANDAULI	0	0	0	0	LUCKNOW	4	5	1	4					
CHITRAKOOT	0	1	2	3	MAHARAJGANJ	0	0	1	2					
DEORIA	1	0	0	2	MAHOBA	12	0	0	0					
ETAH	12	6	1	12	MAINPURI	15	8	11	22					
ETAWAH	10	8	6	41	MATHURA	70	61	11	83					
FAIZABAD	3	0	0	3	MAU	0	0	0	0					
FARRUKHABAD	1	0	0	1	MEERUT	16	4	4	3					
FATEHPUR	29	13	18	28	MIRZAPUR	6	5	2	0					
FIROZABAD	12	5	0	5	MORADABAD	8	3	0	4					

(d) Delhi

District	15 Sep-27 Oct			
	2020	2021	2022	2023
CENTRAL	0	0	0	0
EAST	0	0	0	0
NEW DELHI	0	0	0	0
NORTH	2	0	5	2
NORTH EAST	0	0	0	0
NORTH WEST DELHI	3	0	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	0	0
Total	8	0	5	2

(e) Rajasthan

District	15 Sep-27 Oct			
	2020	2021	2022	2023
AJMER	2	0	0	0
ALWAR	4	0	0	0
BANSWARA	0	0	0	0
BARAN	115	0	20	259
BARMER	2	0	0	0
BHARATPUR	2	0	0	2
BHILWARA	4	0	0	0
BIKANER	1	0	0	0
BUNDI	34	3	54	131
CHITTAURGARH	0	3	2	8
CHURU	0	0	0	0
DAUSA	0	0	0	0
DHOLPUR	0	0	0	0
DUNGARPUR	0	0	0	0
GANGANAGAR	9	2	6	15
HANUMANGARH	257	51	25	78
JAIPUR	2	0	0	0
JAISELMER	2	0	0	0
JALOR	0	0	0	0
JHALAWAR	1	0	2	8
JHUNJHUNUN	1	0	0	0
JODHPUR	2	0	0	0
KARAULI	1	0	0	0
KOTA	57	3	28	144
NAGOUR	0	0	0	0
PALI	2	0	0	0
PRATAPGARH	5	0	0	0
RAJSMAND	0	0	0	0
SIKAR	0	0	0	0
SIROHI	1	0	0	0
SWAIMADHOPUR	21	0	7	44
TONK	3	0	0	0
UDAIPUR	0	0	0	0
Total	528	62	144	689

(f) Madhya Pradesh

District	15 Sep-27 Oct								
	2020	2021	2022	2023					
					PANNA	11	1	0	3
ALIRAJPUR	0	0	0	0	RAISEN	101	5	9	44
ANUPPUR	0	0	0	0	RAJGARH	9	1	3	9
ASHOKNAGAR	55	1	9	109	RATLAM	0	0	0	1
BALAGHAT	0	0	0	0	REWA	24	2	1	1
BARWANI	0	0	0	0	SAGAR	21	17	15	47
BETUL	5	3	1	5	SATNA	56	12	2	15
BHIND	25	1	9	44	SEHORE	34	16	31	47
BHOPAL	17	5	5	18	SEONI	244	150	36	114
BURHANPUR	0	0	0	3	SHAHDOL	0	0	0	1
CHHATARPUR	4	0	0	3	SHAJAPUR	7	0	0	10
CHHINDWARA	20	12	6	20	SHEOPUR	84	2	11	267
DAMOH	45	17	13	28	SHIVPURI	34	2	11	51
DATIA	175	10	16	198	SIDHI	0	0	0	0
DEWAS	3	0	0	8	SINGRAULI	0	0	1	0
DHAR	26	0	0	28	TIKAMGARH	1	0	0	3
DINDORI	0	0	0	1	UJJAIN	5	0	0	14
EAST NIMAR	11	5	4	4	UMARIA	0	0	0	0
GUNA	34	2	22	275	VIDESHA	84	15	19	63
GWALIOR	214	4	4	53	WEST NIMAR	24	1	2	16
HARDA	12	18	7	25	Total	1795	408	305	1837
HOSHANGABAD	248	61	38	172					
INDORE	2	0	0	12					
JABALPUR	54	16	12	47					
JHABUA	0	0	0	0					
KATNI	29	1	0	8					
MANDLA	6	6	0	3					
MANDSAUR	4	0	0	2					
MORENA	36	5	3	37					
NARSHIMAPURA	31	17	15	28					
NIMACH	0	0	0	0					

State-wise and date-wise number of paddy residue burning events detected in 2020, 2021, 2022 and 2023
(Period: 15 September-27 October)

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
Total	20910	6742	8147	4059	1945	2103	1578	1005	856	770	598	803

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
Total	8	0	5	2	528	62	144	689	1795	408	305	1837

Details of residue burning events in Punjab on 27-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	S-NPP	31.80231	74.78345	13:10:39	D	4.70
2	AMRITSAR	AJNALA	S-NPP	31.82063	74.89299	13:10:39	D	2.60
3	AMRITSAR	AJNALA	S-NPP	31.88669	74.90444	13:10:39	D	7.40
4	AMRITSAR	AJNALA	S-NPP	31.88942	74.89793	13:10:39	D	7.40
5	AMRITSAR	AJNALA	S-NPP	31.92670	74.83365	13:10:39	D	5.10
6	AMRITSAR	AJNALA	S-NPP	31.92921	74.83510	13:10:39	D	5.00
7	AMRITSAR	AJNALA	S-NPP	31.92984	74.81745	13:10:39	D	4.90
8	AMRITSAR	AJNALA	S-NPP	31.93103	74.81503	13:10:39	D	7.50
9	AMRITSAR	AJNALA	S-NPP	31.93376	74.88979	13:10:39	D	2.70
10	AMRITSAR	AJNALA	S-NPP	31.93491	74.88585	13:10:39	D	4.80
11	AMRITSAR	AJNALA	S-NPP	31.95330	74.82659	13:10:39	D	6.60
12	AMRITSAR	AJNALA	S-NPP	31.95535	74.91871	13:10:39	D	4.20
13	AMRITSAR	AJNALA	S-NPP	31.96679	74.87527	13:10:39	D	6.00
14	AMRITSAR	AJNALA	S-NPP	32.04841	74.89746	13:10:39	D	7.60
15	AMRITSAR	AJNALA	S-NPP	32.05095	74.89911	13:10:39	D	5.90
16	AMRITSAR	ATTARI	S-NPP	31.55182	74.63941	13:10:39	D	5.00
17	AMRITSAR	ATTARI	S-NPP	31.55201	74.64310	13:10:39	D	12.10
18	AMRITSAR	ATTARI	S-NPP	31.55292	74.64513	13:10:39	D	6.70
19	AMRITSAR	ATTARI	S-NPP	31.57265	74.68555	13:10:39	D	7.60
20	AMRITSAR	ATTARI	S-NPP	31.57331	74.68769	13:10:39	D	5.70
21	AMRITSAR	ATTARI	S-NPP	31.57651	74.68453	13:10:39	D	7.40
22	AMRITSAR	ATTARI	S-NPP	31.57716	74.68666	13:10:39	D	5.70
23	AMRITSAR	ATTARI	S-NPP	31.58884	74.74675	13:10:39	D	4.50
24	AMRITSAR	ATTARI	S-NPP	31.58914	74.74901	13:10:39	D	4.30
25	AMRITSAR	ATTARI	S-NPP	31.59218	74.76363	13:10:39	D	4.40
26	AMRITSAR	ATTARI	S-NPP	31.59238	74.76595	13:10:39	D	3.20
27	AMRITSAR	ATTARI	AQUA	31.56000	74.67800	13:59:29	D	7.40
28	AMRITSAR	ATTARI	AQUA	31.58500	74.72600	13:59:29	D	5.40
29	AMRITSAR	ATTARI	AQUA	31.59900	74.68400	13:59:29	D	7.10

30	AMRITSAR	ATTARI	AQUA	31.60900	74.57400	13:59:29	D	10.30
31	AMRITSAR	CHOGAWAN	S-NPP	31.69250	74.71921	13:10:39	D	4.40
32	AMRITSAR	CHOGAWAN	S-NPP	31.76308	74.62180	13:10:39	D	9.80
33	AMRITSAR	CHOGAWAN	S-NPP	31.80681	74.57783	13:10:39	D	4.30
34	AMRITSAR	CHOGAWAN	AQUA	31.73600	74.56300	13:59:29	D	9.90
35	AMRITSAR	CHOGAWAN	AQUA	31.84900	74.63000	13:59:29	D	5.70
36	AMRITSAR	HARSHA CHHINA	S-NPP	31.71817	74.72323	13:10:39	D	5.00
37	AMRITSAR	HARSHA CHHINA	S-NPP	31.79655	74.87853	13:10:39	D	2.60
38	AMRITSAR	HARSHA CHHINA	S-NPP	31.80254	74.78107	13:10:39	D	4.10
39	AMRITSAR	HARSHA CHHINA	S-NPP	31.82973	74.71487	13:10:39	D	9.60
40	AMRITSAR	JANDIALA GURU	S-NPP	31.52268	75.10066	13:10:39	D	7.20
41	AMRITSAR	JANDIALA GURU	S-NPP	31.54293	74.92583	13:10:39	D	4.60
42	AMRITSAR	JANDIALA GURU	S-NPP	31.56352	74.94948	13:10:39	D	3.30
43	AMRITSAR	JANDIALA GURU	AQUA	31.52700	75.01200	13:59:29	D	4.60
44	AMRITSAR	MAJITHA	S-NPP	31.70369	75.04836	13:10:39	D	3.60
45	AMRITSAR	MAJITHA	S-NPP	31.75244	74.95965	13:10:39	D	3.70
46	AMRITSAR	MAJITHA	S-NPP	31.80442	74.94017	13:10:39	D	4.30
47	AMRITSAR	MAJITHA	AQUA	31.73700	75.11700	13:59:29	D	16.70
48	AMRITSAR	MAJITHA	AQUA	31.75400	75.04400	13:59:29	D	7.30
49	AMRITSAR	MAJITHA	AQUA	31.77100	75.04000	13:59:29	D	8.90
50	AMRITSAR	MAJITHA	AQUA	31.77300	75.05000	13:59:29	D	12.80
51	AMRITSAR	MAJITHA	AQUA	31.82000	74.99800	13:59:29	D	9.40
52	AMRITSAR	RAYYA	S-NPP	31.50906	75.19514	13:10:39	D	3.60
53	AMRITSAR	RAYYA	S-NPP	31.56127	75.22419	13:10:39	D	5.40
54	AMRITSAR	RAYYA	S-NPP	31.58800	75.30124	13:10:39	D	4.00
55	AMRITSAR	RAYYA	S-NPP	31.60019	75.24217	13:10:39	D	5.50
56	AMRITSAR	RAYYA	S-NPP	31.60497	75.24654	13:10:39	D	3.10
57	AMRITSAR	RAYYA	S-NPP	31.63696	75.24943	13:10:39	D	4.20
58	AMRITSAR	RAYYA	S-NPP	31.68775	75.27270	13:10:39	D	2.40
59	AMRITSAR	RAYYA	S-NPP	31.69215	75.25482	13:10:39	D	4.10
60	AMRITSAR	RAYYA	AQUA	31.53400	75.24500	13:59:29	D	5.40
61	AMRITSAR	RAYYA	AQUA	31.54000	75.15900	13:59:29	D	4.30
62	AMRITSAR	RAYYA	AQUA	31.54200	75.29700	13:59:29	D	8.60

63	AMRITSAR	RAYYA	AQUA	31.55200	75.24100	13:59:29	D	5.30
64	AMRITSAR	RAYYA	AQUA	31.65800	75.27800	13:59:29	D	5.80
65	AMRITSAR	RAYYA	AQUA	31.66000	75.28800	13:59:29	D	6.10
66	AMRITSAR	TARSIKKA	S-NPP	31.62565	75.06562	13:10:39	D	6.30
67	AMRITSAR	TARSIKKA	S-NPP	31.67206	75.13063	13:10:39	D	3.20
68	AMRITSAR	TARSIKKA	S-NPP	31.67248	75.15317	13:10:39	D	4.00
69	AMRITSAR	TARSIKKA	S-NPP	31.67352	75.15854	13:10:39	D	4.00
70	AMRITSAR	TARSIKKA	S-NPP	31.68326	75.22915	13:10:39	D	3.30
71	AMRITSAR	TARSIKKA	S-NPP	31.73055	75.12667	13:10:39	D	3.90
72	AMRITSAR	TARSIKKA	S-NPP	31.74114	75.14086	13:10:39	D	4.80
73	AMRITSAR	TARSIKKA	AQUA	31.67300	75.11900	13:59:29	D	8.40
74	AMRITSAR	TARSIKKA	AQUA	31.74000	75.13800	13:59:29	D	13.10
75	AMRITSAR	TARSIKKA	AQUA	31.74100	75.14800	13:59:29	D	7.90
76	AMRITSAR	VERKA	S-NPP	31.71719	74.95285	13:10:39	D	9.30
77	BARNALA	BARNALA	S-NPP	30.25143	75.58360	13:10:39	D	5.40
78	BARNALA	BARNALA	S-NPP	30.29291	75.57317	13:10:39	D	7.70
79	BARNALA	BARNALA	S-NPP	30.29391	75.57850	13:10:39	D	7.70
80	BARNALA	BARNALA	S-NPP	30.42241	75.53241	13:10:39	D	8.80
81	BARNALA	BARNALA	S-NPP	30.42533	75.53559	13:10:39	D	4.80
82	BARNALA	BARNALA	AQUA	30.41500	75.48700	13:59:29	D	5.70
83	BARNALA	MAHAL KALAN	S-NPP	30.54931	75.50729	13:10:39	D	15.00
84	BARNALA	MAHAL KALAN	S-NPP	30.55851	75.55518	13:10:39	D	14.40
85	BARNALA	MAHAL KALAN	AQUA	30.54800	75.51100	13:59:29	D	11.10
86	BARNALA	MAHAL KALAN	AQUA	30.55000	75.52200	13:59:29	D	12.80
87	BARNALA	SEHNA	S-NPP	30.45929	75.46525	13:10:39	D	5.30
88	BARNALA	SEHNA	S-NPP	30.49660	75.34798	13:10:39	D	9.90
89	BARNALA	SEHNA	S-NPP	30.49916	75.35059	13:10:39	D	7.60
90	BARNALA	SEHNA	AQUA	30.43600	75.37100	13:59:29	D	8.10
91	BARNALA	SEHNA	AQUA	30.44500	75.43200	13:59:29	D	8.60
92	BARNALA	SEHNA	AQUA	30.44600	75.44300	13:59:29	D	9.50
93	BARNALA	SEHNA	AQUA	30.46000	75.47200	13:59:29	D	7.60
94	BATHINDA	BATHINDA	S-NPP	30.08918	74.99930	13:10:39	D	5.60
95	BATHINDA	BATHINDA	S-NPP	30.09088	75.00104	13:10:39	D	4.70

96	BATHINDA	BATHINDA	S-NPP	30.10525	74.97712	13:10:39	D	18.40
97	BATHINDA	BATHINDA	S-NPP	30.16144	74.90822	13:10:39	D	3.10
98	BATHINDA	BHAGTA BHAI KA	AQUA	30.47100	75.23700	13:59:29	D	5.30
99	BATHINDA	MAUR	S-NPP	30.04742	75.23756	13:10:39	D	1.90
100	BATHINDA	MAUR	AQUA	30.05200	75.09200	13:59:29	D	6.00
101	BATHINDA	MAUR	AQUA	30.09900	75.28400	13:59:29	D	16.70
102	BATHINDA	NATHANA	S-NPP	30.16040	75.02895	13:10:39	D	10.30
103	BATHINDA	NATHANA	S-NPP	30.20000	75.14930	13:10:39	D	5.60
104	BATHINDA	PHUL	S-NPP	30.43532	75.17326	13:10:39	D	3.20
105	BATHINDA	PHUL	AQUA	30.30600	75.30900	13:59:29	D	8.60
106	BATHINDA	PHUL	AQUA	30.30800	75.31900	13:59:29	D	9.30
107	BATHINDA	PHUL	AQUA	30.33300	75.30300	13:59:29	D	7.00
108	BATHINDA	RAMPURA	S-NPP	30.29012	75.33916	13:10:39	D	3.20
109	BATHINDA	RAMPURA	S-NPP	30.30007	75.30788	13:10:39	D	10.50
110	BATHINDA	RAMPURA	AQUA	30.22500	75.25700	13:59:29	D	7.90
111	BATHINDA	TALWANDI SABO	S-NPP	29.98986	75.17206	13:10:39	D	5.30
112	FARIDKOT	FARIDKOT	S-NPP	30.73435	74.65054	13:10:39	D	7.30
113	FARIDKOT	FARIDKOT	S-NPP	30.75271	74.74355	13:10:39	D	6.90
114	FARIDKOT	FARIDKOT	S-NPP	30.77306	74.65876	13:10:39	D	15.00
115	FARIDKOT	FARIDKOT	AQUA	30.75000	74.58300	13:59:29	D	5.20
116	FARIDKOT	FARIDKOT	AQUA	30.78000	74.53300	13:59:29	D	4.10
117	FARIDKOT	FARIDKOT	AQUA	30.78600	74.57500	13:59:29	D	4.50
118	FATEHGARH SAHIB	AMLOH	S-NPP	30.56327	76.18024	13:10:39	D	3.30
119	FATEHGARH SAHIB	AMLOH	S-NPP	30.57131	76.12089	13:10:39	D	1.90
120	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.66898	76.46671	13:10:39	D	4.90
121	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67335	76.49084	13:10:39	D	5.30
122	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.68762	76.50749	13:10:39	D	14.40
123	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69207	76.51144	13:10:39	D	14.40
124	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70829	76.49743	13:10:39	D	27.80
125	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70931	76.49919	13:10:39	D	42.60
126	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71188	76.49655	13:10:39	D	27.80
127	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71201	76.49350	13:10:39	D	9.00
128	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71219	76.37216	13:10:39	D	2.80

129	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71842	76.42640	13:10:39	D	8.60
130	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72024	76.41585	13:10:39	D	2.10
131	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72824	76.45935	13:10:39	D	3.60
132	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.73179	76.47864	13:10:39	D	8.40
133	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.73267	76.48345	13:10:39	D	8.40
134	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.67300	76.44700	13:59:29	D	8.60
135	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.67900	76.48800	13:59:29	D	5.60
136	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.68800	76.35900	13:59:29	D	6.20
137	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.68800	76.42300	13:59:29	D	11.00
138	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.68900	76.36900	13:59:29	D	8.00
139	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.68900	76.43300	13:59:29	D	5.10
140	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.69600	76.48500	13:59:29	D	5.90
141	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.74200	76.48700	13:59:29	D	4.30
142	FATEHGARH SAHIB	KHAMANON	S-NPP	30.73936	76.31453	13:10:39	D	4.20
143	FATEHGARH SAHIB	KHAMANON	S-NPP	30.79603	76.39928	13:10:39	D	14.90
144	FATEHGARH SAHIB	KHERA	S-NPP	30.58687	76.46877	13:10:39	D	13.90
145	FATEHGARH SAHIB	KHERA	S-NPP	30.59075	76.47059	13:10:39	D	2.20
146	FATEHGARH SAHIB	KHERA	S-NPP	30.60515	76.46709	13:10:39	D	13.60
147	FATEHGARH SAHIB	KHERA	S-NPP	30.60964	76.47105	13:10:39	D	13.60
148	FATEHGARH SAHIB	KHERA	S-NPP	30.61324	76.47018	13:10:39	D	13.30
149	FATEHGARH SAHIB	KHERA	S-NPP	30.62951	76.43590	13:10:39	D	3.90
150	FATEHGARH SAHIB	KHERA	S-NPP	30.63529	76.59025	13:10:39	D	8.00
151	FATEHGARH SAHIB	KHERA	S-NPP	30.63887	76.58939	13:10:39	D	8.00
152	FATEHGARH SAHIB	KHERA	S-NPP	30.64246	76.58852	13:10:39	D	2.30
153	FATEHGARH SAHIB	KHERA	S-NPP	30.65011	76.46627	13:10:39	D	3.70
154	FATEHGARH SAHIB	KHERA	S-NPP	30.66257	76.49347	13:10:39	D	1.70
155	FATEHGARH SAHIB	KHERA	S-NPP	30.66538	76.46760	13:10:39	D	4.90
156	FATEHGARH SAHIB	KHERA	S-NPP	30.66976	76.49172	13:10:39	D	5.30
157	FATEHGARH SAHIB	KHERA	AQUA	30.57300	76.51400	13:59:29	D	9.80
158	FATEHGARH SAHIB	KHERA	AQUA	30.59000	76.51000	13:59:29	D	4.90
159	FATEHGARH SAHIB	KHERA	AQUA	30.60800	76.57100	13:59:29	D	4.80
160	FATEHGARH SAHIB	SIRHIND	S-NPP	30.48700	76.37627	13:10:39	D	4.80
161	FATEHGARH SAHIB	SIRHIND	S-NPP	30.49244	76.36472	13:10:39	D	6.60

162	FATEHGARH SAHIB	SIRHIND	S-NPP	30.49508	76.46074	13:10:39	D	5.80
163	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55462	76.43612	13:10:39	D	4.90
164	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55823	76.43525	13:10:39	D	4.00
165	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55911	76.44010	13:10:39	D	4.00
166	FATEHGARH SAHIB	SIRHIND	S-NPP	30.56303	76.35773	13:10:39	D	5.70
167	FATEHGARH SAHIB	SIRHIND	S-NPP	30.56536	76.45377	13:10:39	D	3.50
168	FATEHGARH SAHIB	SIRHIND	AQUA	30.63200	76.35400	13:59:29	D	6.30
169	FAZILKA	ARNIWALA SHEIKH SUBANPUR	AQUA	30.29900	74.29300	13:59:29	D	6.20
170	FAZILKA	ARNIWALA SHEIKH SUBANPUR	AQUA	30.33400	74.11300	13:59:29	D	9.60
171	FAZILKA	ARNIWALA SHEIKH SUBANPUR	AQUA	30.33600	74.12400	13:59:29	D	4.80
172	FAZILKA	FAZILKA	S-NPP	30.36835	73.96204	13:10:39	D	2.60
173	FAZILKA	JALALABAD	S-NPP	30.48379	74.25875	13:10:39	D	3.80
174	FAZILKA	JALALABAD	AQUA	30.60200	74.22600	13:59:29	D	6.00
175	FAZILKA	JALALABAD	AQUA	30.62600	74.19900	13:59:29	D	7.40
176	FAZILKA	KHUIAN SARWAR	S-NPP	30.28487	73.96114	13:10:39	D	8.60
177	FIROZPUR	FIROZPUR	S-NPP	30.94329	74.57887	13:10:39	D	5.90
178	FIROZPUR	FIROZPUR	S-NPP	30.96675	74.67688	13:10:39	D	6.40
179	FIROZPUR	FIROZPUR	S-NPP	30.99956	74.65600	13:10:39	D	3.00
180	FIROZPUR	FIROZPUR	S-NPP	31.04456	74.76337	13:10:39	D	10.40
181	FIROZPUR	FIROZPUR	S-NPP	31.04521	74.76513	13:10:39	D	9.70
182	FIROZPUR	FIROZPUR	AQUA	30.85000	74.56600	13:59:29	D	41.20
183	FIROZPUR	FIROZPUR	AQUA	30.95800	74.54900	13:59:29	D	4.70
184	FIROZPUR	FIROZPUR	AQUA	30.96200	74.51500	13:59:29	D	5.60
185	FIROZPUR	FIROZPUR	AQUA	30.96300	74.52600	13:59:29	D	13.40
186	FIROZPUR	FIROZPUR	AQUA	30.99300	74.66000	13:59:29	D	6.50
187	FIROZPUR	GHALL KHURD	S-NPP	30.86248	74.78539	13:10:39	D	2.60
188	FIROZPUR	GHALL KHURD	S-NPP	30.87767	74.88334	13:10:39	D	6.50
189	FIROZPUR	GHALL KHURD	S-NPP	30.88240	74.76205	13:10:39	D	6.50
190	FIROZPUR	GHALL KHURD	S-NPP	30.88428	74.87565	13:10:39	D	12.10
191	FIROZPUR	GHALL KHURD	S-NPP	30.93944	74.78696	13:10:39	D	6.00
192	FIROZPUR	GHALL KHURD	S-NPP	30.94066	74.78894	13:10:39	D	6.10
193	FIROZPUR	GHALL KHURD	AQUA	30.84200	74.82200	13:59:29	D	10.20
194	FIROZPUR	GHALL KHURD	AQUA	30.84400	74.83300	13:59:29	D	13.00

195	FIROZPUR	GHALL KHURD	AQUA	30.87600	74.92200	13:59:29	D	6.30
196	FIROZPUR	GHALL KHURD	AQUA	30.88600	74.67800	13:59:29	D	9.30
197	FIROZPUR	GHALL KHURD	AQUA	30.93500	74.70000	13:59:29	D	5.80
198	FIROZPUR	GHALL KHURD	AQUA	30.95800	74.66800	13:59:29	D	17.40
199	FIROZPUR	GHALL KHURD	AQUA	30.95900	74.67800	13:59:29	D	10.80
200	FIROZPUR	GHALL KHURD	AQUA	30.96700	74.73000	13:59:29	D	5.40
201	FIROZPUR	GHALL KHURD	AQUA	31.02500	74.75100	13:59:29	D	7.60
202	FIROZPUR	GHALL KHURD	AQUA	31.02700	74.76100	13:59:29	D	6.20
203	FIROZPUR	GURUHAR SAHAI	S-NPP	30.64897	74.28582	13:10:39	D	4.00
204	FIROZPUR	GURUHAR SAHAI	S-NPP	30.70169	74.23289	13:10:39	D	3.10
205	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73298	74.45472	13:10:39	D	2.30
206	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76562	74.34063	13:10:39	D	1.70
207	FIROZPUR	GURUHAR SAHAI	S-NPP	30.78103	74.43804	13:10:39	D	6.40
208	FIROZPUR	GURUHAR SAHAI	AQUA	30.66900	74.47500	13:59:29	D	6.00
209	FIROZPUR	GURUHAR SAHAI	AQUA	30.75200	74.35400	13:59:29	D	23.70
210	FIROZPUR	GURUHAR SAHAI	AQUA	30.75300	74.36400	13:59:29	D	46.80
211	FIROZPUR	MAKHU	S-NPP	31.04845	74.82426	13:10:39	D	5.50
212	FIROZPUR	MAKHU	S-NPP	31.04927	74.82802	13:10:39	D	10.50
213	FIROZPUR	MAKHU	S-NPP	31.13807	75.07504	13:10:39	D	18.10
214	FIROZPUR	MAKHU	AQUA	31.03000	75.02800	13:59:29	D	26.00
215	FIROZPUR	MAMDOT	S-NPP	30.77663	74.51970	13:10:39	D	40.40
216	FIROZPUR	MAMDOT	S-NPP	30.78499	74.43699	13:10:39	D	2.80
217	FIROZPUR	MAMDOT	S-NPP	30.79051	74.42290	13:10:39	D	3.40
218	FIROZPUR	MAMDOT	S-NPP	30.80638	74.46066	13:10:39	D	3.40
219	FIROZPUR	MAMDOT	S-NPP	30.84046	74.35889	13:10:39	D	2.50
220	FIROZPUR	MAMDOT	S-NPP	30.85472	74.38892	13:10:39	D	3.80
221	FIROZPUR	MAMDOT	S-NPP	30.85543	74.38882	13:10:39	D	3.60
222	FIROZPUR	MAMDOT	S-NPP	30.85858	74.38377	13:10:39	D	5.50
223	FIROZPUR	MAMDOT	S-NPP	30.88887	74.45129	13:10:39	D	4.30
224	FIROZPUR	MAMDOT	S-NPP	30.93466	74.45164	13:10:39	D	2.60
225	FIROZPUR	MAMDOT	AQUA	30.74800	74.38800	13:59:29	D	11.30
226	FIROZPUR	MAMDOT	AQUA	30.77800	74.52300	13:59:29	D	43.40
227	FIROZPUR	MAMDOT	AQUA	30.77900	74.34800	13:59:29	D	8.40

228	FIROZPUR	MAMDOT	AQUA	30.78500	74.39000	13:59:29	D	21.00
229	FIROZPUR	MAMDOT	AQUA	30.81400	74.33400	13:59:29	D	6.90
230	FIROZPUR	MAMDOT	AQUA	30.81900	74.36600	13:59:29	D	5.00
231	FIROZPUR	MAMDOT	AQUA	30.83600	74.41700	13:59:29	D	8.80
232	FIROZPUR	MAMDOT	AQUA	30.85900	74.44500	13:59:29	D	21.30
233	FIROZPUR	MAMDOT	AQUA	30.86100	74.45500	13:59:29	D	4.10
234	FIROZPUR	MAMDOT	AQUA	30.87800	74.38600	13:59:29	D	6.20
235	FIROZPUR	MAMDOT	AQUA	30.93600	74.46600	13:59:29	D	6.70
236	FIROZPUR	ZIRA	S-NPP	30.95511	74.82487	13:10:39	D	6.50
237	FIROZPUR	ZIRA	S-NPP	30.96408	74.87027	13:10:39	D	45.20
238	FIROZPUR	ZIRA	AQUA	30.93500	74.88200	13:59:29	D	5.50
239	FIROZPUR	ZIRA	AQUA	31.02900	75.01700	13:59:29	D	20.10
240	GURDASPUR	BATALA	S-NPP	31.76259	75.19164	13:10:39	D	13.30
241	GURDASPUR	DERA BABA NANAK	S-NPP	31.98502	74.92813	13:10:39	D	2.90
242	GURDASPUR	DERA BABA NANAK	S-NPP	31.98608	74.93359	13:10:39	D	4.50
243	GURDASPUR	DERA BABA NANAK	AQUA	31.96500	75.04100	13:59:29	D	4.70
244	GURDASPUR	DERA BABA NANAK	AQUA	31.98800	75.06900	13:59:29	D	6.20
245	GURDASPUR	DERA BABA NANAK	AQUA	32.01600	74.93800	13:59:29	D	4.30
246	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.85972	75.07196	13:10:39	D	2.70
247	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.86165	75.07396	13:10:39	D	7.70
248	GURDASPUR	FATEHGARH CHURIAN	AQUA	31.90500	75.00600	13:59:29	D	4.20
249	GURDASPUR	KALANAUR	S-NPP	32.00382	75.20853	13:10:39	D	7.10
250	GURDASPUR	KALANAUR	S-NPP	32.00441	75.21160	13:10:39	D	7.10
251	GURDASPUR	KALANAUR	AQUA	32.04700	75.21000	13:59:29	D	4.40
252	GURDASPUR	KALANAUR	AQUA	32.05900	75.22900	13:59:29	D	6.10
253	GURDASPUR	QADIAN	AQUA	31.74600	75.37100	13:59:29	D	7.10
254	GURDASPUR	SRI HARGOBINDPUR	AQUA	31.74500	75.36000	13:59:29	D	11.70
255	JALANDHAR	BHOGPUR	S-NPP	31.49085	75.65453	13:10:39	D	2.70
256	JALANDHAR	JALANDHAR WEST	S-NPP	31.44306	75.58569	13:10:39	D	1.50
257	JALANDHAR	JALANDHAR WEST	S-NPP	31.44828	75.46969	13:10:39	D	6.00
258	JALANDHAR	LOHIAN	S-NPP	31.13468	75.24207	13:10:39	D	2.90
259	JALANDHAR	LOHIAN	AQUA	31.04200	75.22700	13:59:29	D	21.30
260	JALANDHAR	LOHIAN	AQUA	31.04400	75.23800	13:59:29	D	6.00

261	JALANDHAR	LOHIAN	AQUA	31.05200	75.23600	13:59:29	D	5.10
262	JALANDHAR	LOHIAN	AQUA	31.11900	75.31800	13:59:29	D	5.20
263	JALANDHAR	LOHIAN	AQUA	31.13100	75.20300	13:59:29	D	14.00
264	JALANDHAR	LOHIAN	AQUA	31.14100	75.26500	13:59:29	D	11.30
265	JALANDHAR	LOHIAN	AQUA	31.14500	75.23200	13:59:29	D	11.40
266	JALANDHAR	LOHIAN	AQUA	31.14600	75.24200	13:59:29	D	21.50
267	JALANDHAR	LOHIAN	AQUA	31.14800	75.25200	13:59:29	D	19.60
268	JALANDHAR	MEHATPUR	S-NPP	30.98127	75.49950	13:10:39	D	4.40
269	JALANDHAR	MEHATPUR	S-NPP	31.00485	75.43794	13:10:39	D	5.10
270	JALANDHAR	MEHATPUR	S-NPP	31.01666	75.47940	13:10:39	D	3.30
271	JALANDHAR	NAKODAR	S-NPP	31.18685	75.49158	13:10:39	D	2.70
272	JALANDHAR	NAKODAR	S-NPP	31.19058	75.49062	13:10:39	D	2.70
273	JALANDHAR	NAKODAR	S-NPP	31.19804	75.48871	13:10:39	D	5.70
274	JALANDHAR	NAKODAR	S-NPP	31.20591	75.44801	13:10:39	D	2.80
275	JALANDHAR	NUR MAHAL	S-NPP	31.03319	75.71066	13:10:39	D	2.80
276	JALANDHAR	NUR MAHAL	AQUA	31.08000	75.61700	13:59:29	D	9.30
277	JALANDHAR	SHAHKOT	S-NPP	31.05394	75.24816	13:10:39	D	13.90
278	JALANDHAR	SHAHKOT	S-NPP	31.05682	75.30408	13:10:39	D	4.00
279	JALANDHAR	SHAHKOT	S-NPP	31.07596	75.25951	13:10:39	D	3.90
280	JALANDHAR	SHAHKOT	AQUA	31.04200	75.29100	13:59:29	D	14.10
281	JALANDHAR	SHAHKOT	AQUA	31.05400	75.24600	13:59:29	D	22.50
282	JALANDHAR	SHAHKOT	AQUA	31.05600	75.32000	13:59:29	D	14.00
283	JALANDHAR	SHAHKOT	AQUA	31.09600	75.34400	13:59:29	D	9.00
284	JALANDHAR	SHAHKOT	AQUA	31.09700	75.35400	13:59:29	D	8.10
285	KAPURTHALA	DHILWAN	S-NPP	31.53512	75.37292	13:10:39	D	3.20
286	KAPURTHALA	KAPURTHALA	S-NPP	31.29737	75.41727	13:10:39	D	5.50
287	KAPURTHALA	KAPURTHALA	AQUA	31.32300	75.31100	13:59:29	D	4.30
288	KAPURTHALA	NADALA	S-NPP	31.52337	75.47508	13:10:39	D	4.60
289	KAPURTHALA	NADALA	S-NPP	31.56541	75.49163	13:10:39	D	8.40
290	KAPURTHALA	NADALA	S-NPP	31.58610	75.51904	13:10:39	D	7.60
291	KAPURTHALA	NADALA	S-NPP	31.60574	75.54118	13:10:39	D	2.50
292	KAPURTHALA	NADALA	S-NPP	31.60944	75.54023	13:10:39	D	6.90
293	KAPURTHALA	NADALA	S-NPP	31.61358	75.47923	13:10:39	D	4.50

294	KAPURTHALA	NADALA	S-NPP	31.62503	75.47369	13:10:39	D	2.90
295	KAPURTHALA	NADALA	S-NPP	31.62730	75.50584	13:10:39	D	8.30
296	KAPURTHALA	NADALA	S-NPP	31.62828	75.51102	13:10:39	D	8.30
297	KAPURTHALA	NADALA	S-NPP	31.63099	75.50489	13:10:39	D	8.30
298	KAPURTHALA	NADALA	S-NPP	31.63198	75.51008	13:10:39	D	8.30
299	KAPURTHALA	NADALA	AQUA	31.57300	75.38600	13:59:29	D	11.40
300	KAPURTHALA	NADALA	AQUA	31.57400	75.51400	13:59:29	D	10.70
301	KAPURTHALA	NADALA	AQUA	31.57500	75.39600	13:59:29	D	7.20
302	KAPURTHALA	NADALA	AQUA	31.57900	75.49100	13:59:29	D	7.90
303	KAPURTHALA	NADALA	AQUA	31.59800	75.43400	13:59:29	D	5.60
304	KAPURTHALA	NADALA	AQUA	31.60000	75.44500	13:59:29	D	4.90
305	KAPURTHALA	NADALA	AQUA	31.61500	75.48400	13:59:29	D	9.50
306	KAPURTHALA	NADALA	AQUA	31.61600	75.49400	13:59:29	D	13.90
307	KAPURTHALA	NADALA	AQUA	31.61800	75.50500	13:59:29	D	49.70
308	KAPURTHALA	NADALA	AQUA	31.61900	75.51500	13:59:29	D	30.50
309	KAPURTHALA	NADALA	AQUA	31.62500	75.48700	13:59:29	D	5.60
310	KAPURTHALA	NADALA	AQUA	31.62800	75.50800	13:59:29	D	5.00
311	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.24586	75.31334	13:10:39	D	4.30
312	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.24638	75.30924	13:10:39	D	2.40
313	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.27738	75.16939	13:10:39	D	2.30
314	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.32378	75.16302	13:10:39	D	8.50
315	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.32480	75.16846	13:10:39	D	8.50
316	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.34321	75.26566	13:10:39	D	23.20
317	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.34332	75.20345	13:10:39	D	4.40
318	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.34575	75.26251	13:10:39	D	22.70
319	KAPURTHALA	SULTANPUR LODHI	AQUA	31.26100	75.21300	13:59:29	D	7.90
320	KAPURTHALA	SULTANPUR LODHI	AQUA	31.28200	75.16600	13:59:29	D	5.20
321	KAPURTHALA	SULTANPUR LODHI	AQUA	31.37400	75.16200	13:59:29	D	7.10
322	LUDHIANA	JAGRAON	S-NPP	30.64321	75.40780	13:10:39	D	10.00
323	LUDHIANA	JAGRAON	S-NPP	30.67068	75.40646	13:10:39	D	4.20
324	LUDHIANA	JAGRAON	S-NPP	30.74180	75.39165	13:10:39	D	5.00
325	LUDHIANA	JAGRAON	S-NPP	30.81618	75.51260	13:10:39	D	14.50
326	LUDHIANA	JAGRAON	AQUA	30.61400	75.45000	13:59:29	D	10.60

327	LUDHIANA	JAGRAON	AQUA	30.71400	75.50800	13:59:29	D	4.70
328	LUDHIANA	JAGRAON	AQUA	30.76600	75.48700	13:59:29	D	5.50
329	LUDHIANA	LUDHIANA-2	S-NPP	30.91524	76.02185	13:10:39	D	7.60
330	LUDHIANA	LUDHIANA-2	S-NPP	30.92259	76.04098	13:10:39	D	6.40
331	LUDHIANA	LUDHIANA-2	AQUA	30.94800	76.11000	13:59:29	D	7.30
332	LUDHIANA	MACHHIWARA	S-NPP	30.83487	76.30333	13:10:39	D	2.40
333	LUDHIANA	MACHHIWARA	S-NPP	30.85672	76.19524	13:10:39	D	2.80
334	LUDHIANA	MACHHIWARA	S-NPP	30.92007	76.27441	13:10:39	D	4.20
335	LUDHIANA	MACHHIWARA	S-NPP	30.93091	76.27173	13:10:39	D	2.20
336	LUDHIANA	MACHHIWARA	S-NPP	30.97769	76.20155	13:10:39	D	4.70
337	LUDHIANA	MACHHIWARA	S-NPP	30.97893	76.20344	13:10:39	D	4.60
338	LUDHIANA	MACHHIWARA	AQUA	30.86500	76.23900	13:59:29	D	11.70
339	LUDHIANA	PAKHOWAL	S-NPP	30.73436	75.70081	13:10:39	D	4.50
340	LUDHIANA	PAKHOWAL	AQUA	30.73400	75.70500	13:59:29	D	5.70
341	LUDHIANA	RAIKOT	S-NPP	30.70636	75.53175	13:10:39	D	4.10
342	LUDHIANA	RAIKOT	AQUA	30.63800	75.61300	13:59:29	D	5.20
343	LUDHIANA	SAMRALA	AQUA	30.76000	76.27500	13:59:29	D	5.40
344	LUDHIANA	SIDHWAN BET	S-NPP	30.92453	75.40508	13:10:39	D	7.10
345	LUDHIANA	SIDHWAN BET	S-NPP	30.92857	75.42645	13:10:39	D	8.70
346	LUDHIANA	SIDHWAN BET	S-NPP	30.97761	75.37780	13:10:39	D	6.30
347	LUDHIANA	SIDHWAN BET	AQUA	30.88000	75.57400	13:59:29	D	10.20
348	LUDHIANA	SIDHWAN BET	AQUA	30.88200	75.58400	13:59:29	D	10.10
349	LUDHIANA	SIDHWAN BET	AQUA	30.91200	75.41400	13:59:29	D	4.50
350	LUDHIANA	SIDHWAN BET	AQUA	30.93000	75.53700	13:59:29	D	7.90
351	LUDHIANA	SUDHAR	S-NPP	30.71860	75.61717	13:10:39	D	6.30
352	LUDHIANA	SUDHAR	S-NPP	30.72233	75.61623	13:10:39	D	6.30
353	MANSA	BHIKHI	S-NPP	30.01113	75.49115	13:10:39	D	2.00
354	MANSA	BHIKHI	S-NPP	30.07166	75.60013	13:10:39	D	4.30
355	MANSA	BHIKHI	S-NPP	30.10770	75.52682	13:10:39	D	6.50
356	MANSA	BHIKHI	S-NPP	30.10874	75.53219	13:10:39	D	6.50
357	MANSA	BHIKHI	S-NPP	30.11016	75.62163	13:10:39	D	3.80
358	MANSA	BHIKHI	S-NPP	30.12217	75.60187	13:10:39	D	7.40
359	MANSA	BHIKHI	S-NPP	30.12320	75.60720	13:10:39	D	7.40

360	MANSA	BHIKHI	AQUA	30.12800	75.60400	13:59:29	D	10.70
361	MANSA	BHIKHI	AQUA	30.13000	75.61400	13:59:29	D	11.20
362	MANSA	BUDHLADA	S-NPP	29.86263	75.62831	13:10:39	D	2.30
363	MANSA	BUDHLADA	S-NPP	29.89494	75.61884	13:10:39	D	3.70
364	MANSA	BUDHLADA	S-NPP	29.90377	75.76299	13:10:39	D	20.40
365	MANSA	BUDHLADA	S-NPP	29.92414	75.66756	13:10:39	D	3.40
366	MANSA	BUDHLADA	S-NPP	29.94068	75.62987	13:10:39	D	2.40
367	MANSA	BUDHLADA	AQUA	29.82400	75.73500	13:59:29	D	6.70
368	MANSA	BUDHLADA	AQUA	29.83900	75.58500	13:59:29	D	6.70
369	MANSA	BUDHLADA	AQUA	29.86300	75.74800	13:59:29	D	4.90
370	MANSA	BUDHLADA	AQUA	29.87300	75.56800	13:59:29	D	17.60
371	MANSA	BUDHLADA	AQUA	29.97400	75.55700	13:59:29	D	5.20
372	MANSA	BUDHLADA	AQUA	29.98300	75.55500	13:59:29	D	19.60
373	MANSA	JHUNIR	S-NPP	29.79175	75.31973	13:10:39	D	2.60
374	MANSA	MANSA	S-NPP	29.93634	75.39797	13:10:39	D	4.00
375	MANSA	MANSA	S-NPP	29.93666	75.35746	13:10:39	D	3.70
376	MANSA	MANSA	S-NPP	29.93739	75.40347	13:10:39	D	5.00
377	MANSA	MANSA	S-NPP	29.94978	75.34018	13:10:39	D	2.80
378	MANSA	MANSA	AQUA	29.94200	75.34300	13:59:29	D	16.30
379	MANSA	MANSA	AQUA	29.94300	75.35300	13:59:29	D	32.10
380	MANSA	MANSA	AQUA	29.95100	75.34100	13:59:29	D	22.60
381	MANSA	MANSA	AQUA	29.95100	75.40400	13:59:29	D	9.70
382	MANSA	MANSA	AQUA	29.95200	75.35100	13:59:29	D	34.90
383	MANSA	MANSA	AQUA	29.96500	75.31700	13:59:29	D	7.50
384	MANSA	SARDULGARH	S-NPP	29.65610	75.24477	13:10:39	D	25.10
385	MANSA	SARDULGARH	S-NPP	29.71732	75.35255	13:10:39	D	7.10
386	MANSA	SARDULGARH	S-NPP	29.76587	75.33210	13:10:39	D	3.60
387	MANSA	SARDULGARH	S-NPP	29.78082	75.30497	13:10:39	D	5.00
388	MANSA	SARDULGARH	S-NPP	29.79429	75.24875	13:10:39	D	4.80
389	MANSA	SARDULGARH	AQUA	29.75200	75.30900	13:59:29	D	6.80
390	MANSA	SARDULGARH	AQUA	29.80600	75.24500	13:59:29	D	14.00
391	MOGA	BAGHA PURANA	S-NPP	30.70487	74.97346	13:10:39	D	4.10
392	MOGA	BAGHA PURANA	AQUA	30.68800	74.96300	13:59:29	D	24.80

393	MOGA	BAGHA PURANA	AQUA	30.69800	75.15200	13:59:29	D	8.80
394	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.91152	75.28181	13:10:39	D	6.90
395	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.91345	75.28368	13:10:39	D	7.00
396	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.96174	75.27457	13:10:39	D	4.90
397	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.06283	75.10832	13:10:39	D	8.40
398	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.88900	75.26000	13:59:29	D	4.60
399	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.92500	75.31600	13:59:29	D	4.80
400	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	31.01600	75.11600	13:59:29	D	5.50
401	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	31.01800	75.12600	13:59:29	D	5.70
402	MOGA	MOGA-1	S-NPP	30.70505	75.16099	13:10:39	D	10.20
403	MOGA	MOGA-1	S-NPP	30.70825	75.31178	13:10:39	D	4.90
404	MOGA	MOGA-1	S-NPP	30.73392	75.16513	13:10:39	D	4.50
405	MOGA	MOGA-1	S-NPP	30.73868	75.37552	13:10:39	D	3.40
406	MOGA	MOGA-1	S-NPP	30.77183	75.19579	13:10:39	D	7.20
407	MOGA	MOGA-1	AQUA	30.72400	75.14700	13:59:29	D	5.20
408	MOGA	MOGA-1	AQUA	30.72600	75.15700	13:59:29	D	11.20
409	MOGA	MOGA-1	AQUA	30.72700	75.16700	13:59:29	D	9.50
410	MOGA	MOGA-1	AQUA	30.76100	75.19600	13:59:29	D	9.20
411	MOGA	MOGA-1	AQUA	30.76200	75.34000	13:59:29	D	10.00
412	MOGA	MOGA-1	AQUA	30.79300	75.34900	13:59:29	D	5.40
413	MOGA	MOGA-2	S-NPP	30.76022	75.02995	13:10:39	D	26.30
414	MOGA	MOGA-2	S-NPP	30.76119	75.03416	13:10:39	D	38.20
415	MOGA	MOGA-2	S-NPP	30.78200	75.09894	13:10:39	D	6.40
416	MOGA	MOGA-2	S-NPP	30.78308	75.10448	13:10:39	D	8.20
417	MOGA	MOGA-2	S-NPP	30.88874	75.02225	13:10:39	D	4.30
418	MOGA	MOGA-2	AQUA	30.77400	75.09800	13:59:29	D	16.50
419	MOGA	MOGA-2	AQUA	30.77500	75.10800	13:59:29	D	6.50
420	MOGA	MOGA-2	AQUA	30.85800	75.17100	13:59:29	D	8.40
421	MOGA	NIHAL SINGH	S-NPP	30.59236	75.33002	13:10:39	D	16.50
422	MOGA	NIHAL SINGH	S-NPP	30.59409	75.32636	13:10:39	D	37.20
423	MOGA	NIHAL SINGH	S-NPP	30.59615	75.32906	13:10:39	D	16.50
424	MOGA	NIHAL SINGH	S-NPP	30.60417	75.34978	13:10:39	D	4.90
425	MOGA	NIHAL SINGH	S-NPP	30.60579	75.34618	13:10:39	D	5.00

426	MOGA	NIHAL SINGH	S-NPP	30.63175	75.34843	13:10:39	D	4.70
427	MOGA	NIHAL SINGH	S-NPP	30.70233	75.31106	13:10:39	D	5.50
428	MOGA	NIHAL SINGH	S-NPP	30.70339	75.31648	13:10:39	D	10.80
429	MOGA	NIHAL SINGH	S-NPP	30.70446	75.31276	13:10:39	D	17.00
430	MOGA	NIHAL SINGH	S-NPP	30.70612	75.31009	13:10:39	D	7.40
431	MOGA	NIHAL SINGH	AQUA	30.54900	75.26900	13:59:29	D	9.60
432	MOGA	NIHAL SINGH	AQUA	30.57100	75.29600	13:59:29	D	9.40
433	MOGA	NIHAL SINGH	AQUA	30.57300	75.30600	13:59:29	D	6.30
434	MOGA	NIHAL SINGH	AQUA	30.58800	75.21200	13:59:29	D	7.00
435	MOGA	NIHAL SINGH	AQUA	30.60600	75.39800	13:59:29	D	11.60
436	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.19694	74.55099	13:10:39	D	2.60
437	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.20160	74.63795	13:10:39	D	3.00
438	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.33500	74.52600	13:59:29	D	5.00
439	MUKTSAR	LAMBI	S-NPP	30.00836	74.47252	13:10:39	D	5.00
440	MUKTSAR	LAMBI	S-NPP	30.04231	74.55740	13:10:39	D	2.60
441	MUKTSAR	MALOUT	S-NPP	30.31542	74.38517	13:10:39	D	3.00
442	MUKTSAR	MALOUT	AQUA	30.22200	74.45800	13:59:29	D	4.40
443	MUKTSAR	MALOUT	AQUA	30.22400	74.46900	13:59:29	D	8.20
444	MUKTSAR	MALOUT	AQUA	30.37000	74.45900	13:59:29	D	22.40
445	MUKTSAR	MALOUT	AQUA	30.37200	74.46900	13:59:29	D	36.40
446	PATIALA	BHUNARHERI	S-NPP	30.12370	76.46598	13:10:39	D	3.50
447	PATIALA	BHUNARHERI	S-NPP	30.14554	76.44026	13:10:39	D	3.70
448	PATIALA	BHUNARHERI	S-NPP	30.14851	76.44167	13:10:39	D	3.30
449	PATIALA	BHUNARHERI	S-NPP	30.15577	76.46032	13:10:39	D	3.40
450	PATIALA	BHUNARHERI	S-NPP	30.15633	76.45808	13:10:39	D	2.50
451	PATIALA	BHUNARHERI	S-NPP	30.16064	76.50288	13:10:39	D	5.30
452	PATIALA	BHUNARHERI	S-NPP	30.16302	76.49929	13:10:39	D	6.80
453	PATIALA	BHUNARHERI	S-NPP	30.16666	76.55712	13:10:39	D	14.10
454	PATIALA	BHUNARHERI	S-NPP	30.17435	76.62073	13:10:39	D	4.80
455	PATIALA	BHUNARHERI	S-NPP	30.17477	76.50152	13:10:39	D	5.00
456	PATIALA	BHUNARHERI	S-NPP	30.18200	76.49979	13:10:39	D	2.50
457	PATIALA	BHUNARHERI	S-NPP	30.21259	76.54304	13:10:39	D	6.10
458	PATIALA	BHUNARHERI	S-NPP	30.21449	76.51221	13:10:39	D	7.10

459	PATIALA	BHUNARHERI	S-NPP	30.21748	76.40450	13:10:39	D	4.80
460	PATIALA	BHUNARHERI	S-NPP	30.22871	76.56940	13:10:39	D	6.60
461	PATIALA	BHUNARHERI	S-NPP	30.22894	76.50873	13:10:39	D	1.60
462	PATIALA	BHUNARHERI	S-NPP	30.23398	76.59832	13:10:39	D	2.10
463	PATIALA	BHUNARHERI	S-NPP	30.23670	76.59264	13:10:39	D	5.70
464	PATIALA	BHUNARHERI	S-NPP	30.23758	76.59745	13:10:39	D	25.40
465	PATIALA	BHUNARHERI	S-NPP	30.24428	76.51008	13:10:39	D	3.10
466	PATIALA	BHUNARHERI	S-NPP	30.24789	76.50921	13:10:39	D	3.10
467	PATIALA	BHUNARHERI	S-NPP	30.25558	76.59312	13:10:39	D	10.60
468	PATIALA	BHUNARHERI	S-NPP	30.26584	76.52511	13:10:39	D	5.40
469	PATIALA	BHUNARHERI	AQUA	30.23500	76.47500	13:59:29	D	5.30
470	PATIALA	BHUNARHERI	AQUA	30.26600	76.43700	13:59:29	D	4.80
471	PATIALA	BHUNARHERI	AQUA	30.27800	76.58300	13:59:29	D	7.30
472	PATIALA	BHUNARHERI	AQUA	30.27900	76.59400	13:59:29	D	10.50
473	PATIALA	BHUNARHERI	AQUA	30.28800	76.59200	13:59:29	D	15.60
474	PATIALA	GHANAUR	S-NPP	30.31193	76.63174	13:10:39	D	4.10
475	PATIALA	GHANAUR	S-NPP	30.32309	76.52862	13:10:39	D	2.70
476	PATIALA	GHANAUR	S-NPP	30.32397	76.53345	13:10:39	D	2.70
477	PATIALA	GHANAUR	S-NPP	30.32670	76.52775	13:10:39	D	5.50
478	PATIALA	GHANAUR	S-NPP	30.32758	76.53259	13:10:39	D	5.50
479	PATIALA	GHANAUR	S-NPP	30.37234	76.57210	13:10:39	D	4.80
480	PATIALA	GHANAUR	S-NPP	30.37507	76.56642	13:10:39	D	4.80
481	PATIALA	GHANAUR	S-NPP	30.38858	76.68304	13:10:39	D	3.10
482	PATIALA	GHANAUR	AQUA	30.34200	76.65000	13:59:29	D	11.20
483	PATIALA	GHANAUR	AQUA	30.34300	76.66100	13:59:29	D	10.60
484	PATIALA	GHANAUR	AQUA	30.34300	76.72500	13:59:29	D	4.90
485	PATIALA	GHANAUR	AQUA	30.41100	76.54600	13:59:29	D	5.60
486	PATIALA	NABHA	S-NPP	30.37941	76.03606	13:10:39	D	6.80
487	PATIALA	NABHA	AQUA	30.38600	76.04400	13:59:29	D	4.90
488	PATIALA	NABHA	AQUA	30.42700	76.07300	13:59:29	D	5.70
489	PATIALA	NABHA	AQUA	30.46600	76.28700	13:59:29	D	7.30
490	PATIALA	NABHA	AQUA	30.47500	76.28500	13:59:29	D	5.80
491	PATIALA	NABHA	AQUA	30.53100	76.15100	13:59:29	D	8.40

492	PATIALA	PATIALA	S-NPP	30.26971	76.19757	13:10:39	D	8.80
493	PATIALA	PATIALA	S-NPP	30.26986	76.28078	13:10:39	D	1.90
494	PATIALA	PATIALA	S-NPP	30.39362	76.36099	13:10:39	D	13.50
495	PATIALA	PATIALA	AQUA	30.31400	76.25400	13:59:29	D	6.20
496	PATIALA	PATIALA	AQUA	30.41600	76.32300	13:59:29	D	4.60
497	PATIALA	PATRAN	S-NPP	29.84165	76.18105	13:10:39	D	6.40
498	PATIALA	PATRAN	S-NPP	29.87125	76.12856	13:10:39	D	2.60
499	PATIALA	PATRAN	S-NPP	29.87738	76.07915	13:10:39	D	5.10
500	PATIALA	PATRAN	S-NPP	29.90056	76.07882	13:10:39	D	6.70
501	PATIALA	PATRAN	AQUA	29.85200	76.18400	13:59:29	D	17.30
502	PATIALA	PATRAN	AQUA	29.87600	76.09000	13:59:29	D	11.20
503	PATIALA	PATRAN	AQUA	29.91300	76.09300	13:59:29	D	6.40
504	PATIALA	PATRAN	AQUA	29.91400	76.10400	13:59:29	D	6.80
505	PATIALA	PATRAN	AQUA	29.95700	76.14800	13:59:29	D	12.30
506	PATIALA	PATRAN	AQUA	30.03500	76.04200	13:59:29	D	12.10
507	PATIALA	RAJPURA	S-NPP	30.48051	76.54788	13:10:39	D	3.30
508	PATIALA	RAJPURA	S-NPP	30.54807	76.68816	13:10:39	D	5.00
509	PATIALA	RAJPURA	S-NPP	30.55901	76.64586	13:10:39	D	5.70
510	PATIALA	RAJPURA	S-NPP	30.56323	76.52491	13:10:39	D	6.30
511	PATIALA	RAJPURA	S-NPP	30.59376	76.65240	13:10:39	D	6.70
512	PATIALA	RAJPURA	AQUA	30.54100	76.55800	13:59:29	D	10.30
513	PATIALA	RAJPURA	AQUA	30.54700	76.73900	13:59:29	D	6.80
514	PATIALA	SAMANA	S-NPP	30.16818	76.17804	13:10:39	D	2.20
515	PATIALA	SAMANA	S-NPP	30.17009	76.20903	13:10:39	D	2.20
516	PATIALA	SAMANA	S-NPP	30.18824	76.09933	13:10:39	D	3.50
517	PATIALA	SAMANA	S-NPP	30.21657	76.20012	13:10:39	D	4.90
518	PATIALA	SAMANA	S-NPP	30.23105	76.15466	13:10:39	D	8.80
519	PATIALA	SAMANA	S-NPP	30.23703	76.28878	13:10:39	D	3.90
520	PATIALA	SAMANA	AQUA	30.12300	76.08300	13:59:29	D	9.90
521	PATIALA	SAMANA	AQUA	30.13200	76.08100	13:59:29	D	5.50
522	PATIALA	SAMANA	AQUA	30.14000	76.26800	13:59:29	D	7.70
523	PATIALA	SAMANA	AQUA	30.18700	76.26300	13:59:29	D	14.90
524	PATIALA	SAMANA	AQUA	30.20000	76.16600	13:59:29	D	5.80

525	PATIALA	SAMANA	AQUA	30.20200	76.17600	13:59:29	D	5.00
526	PATIALA	SAMANA	AQUA	30.22300	76.19300	13:59:29	D	15.10
527	PATIALA	SANAUR	S-NPP	30.15483	76.39407	13:10:39	D	2.90
528	PATIALA	SANAUR	S-NPP	30.17937	76.34182	13:10:39	D	4.00
529	PATIALA	SANAUR	S-NPP	30.18390	76.28380	13:10:39	D	9.60
530	PATIALA	SANAUR	S-NPP	30.18573	76.29373	13:10:39	D	2.30
531	PATIALA	SANAUR	S-NPP	30.18755	76.28291	13:10:39	D	7.10
532	PATIALA	SANAUR	S-NPP	30.21392	76.36431	13:10:39	D	2.00
533	PATIALA	SANAUR	S-NPP	30.21676	76.27577	13:10:39	D	6.90
534	PATIALA	SANAUR	S-NPP	30.23498	76.29206	13:10:39	D	6.20
535	PATIALA	SANAUR	S-NPP	30.27810	76.46858	13:10:39	D	8.80
536	PATIALA	SANAUR	S-NPP	30.30412	76.54832	13:10:39	D	17.60
537	PATIALA	SANAUR	AQUA	30.19600	76.32400	13:59:29	D	7.90
538	PATIALA	SANAUR	AQUA	30.22500	76.27700	13:59:29	D	6.10
539	PATIALA	SANAUR	AQUA	30.24000	76.37900	13:59:29	D	11.90
540	PATIALA	SANAUR	AQUA	30.24100	76.38900	13:59:29	D	5.50
541	PATIALA	SANAUR	AQUA	30.26800	76.38400	13:59:29	D	6.90
542	PATIALA	SHAMBU KALAN	S-NPP	30.45194	76.51455	13:10:39	D	3.40
543	PATIALA	SHAMBU KALAN	S-NPP	30.45602	76.59894	13:10:39	D	3.60
544	PATIALA	SHAMBU KALAN	S-NPP	30.49951	76.50510	13:10:39	D	24.30
545	RUPNAGAR	MORINDA	S-NPP	30.77304	76.47865	13:10:39	D	3.90
546	RUPNAGAR	RUPNAGAR	S-NPP	30.95973	76.57204	13:10:39	D	4.20
547	SANGRUR	ANDANA	S-NPP	29.75957	75.97102	13:10:39	D	5.60
548	SANGRUR	ANDANA	S-NPP	29.76310	75.94844	13:10:39	D	20.20
549	SANGRUR	ANDANA	S-NPP	29.76330	75.97010	13:10:39	D	17.20
550	SANGRUR	ANDANA	S-NPP	29.76683	75.94753	13:10:39	D	18.90
551	SANGRUR	ANDANA	S-NPP	29.79216	75.95756	13:10:39	D	2.70
552	SANGRUR	ANDANA	S-NPP	29.82790	75.88071	13:10:39	D	9.00
553	SANGRUR	ANDANA	S-NPP	29.82809	75.87787	13:10:39	D	7.50
554	SANGRUR	ANDANA	AQUA	29.75200	75.93200	13:59:29	D	15.50
555	SANGRUR	ANDANA	AQUA	29.76100	75.93000	13:59:29	D	38.10
556	SANGRUR	ANDANA	AQUA	29.76300	75.94000	13:59:29	D	15.90
557	SANGRUR	ANDANA	AQUA	29.77300	76.01100	13:59:29	D	8.30

558	SANGRUR	ANDANA	AQUA	29.78200	76.01000	13:59:29	D	19.40
559	SANGRUR	ANDANA	AQUA	29.78800	76.05000	13:59:29	D	11.00
560	SANGRUR	ANDANA	AQUA	29.79900	76.06900	13:59:29	D	6.30
561	SANGRUR	ANDANA	AQUA	29.83600	75.94700	13:59:29	D	6.00
562	SANGRUR	ANDANA	AQUA	29.86700	76.02900	13:59:29	D	8.00
563	SANGRUR	ANDANA	AQUA	29.86900	76.03900	13:59:29	D	4.30
564	SANGRUR	BHAWANIGARH	S-NPP	30.18443	75.94827	13:10:39	D	5.10
565	SANGRUR	BHAWANIGARH	S-NPP	30.23959	76.01497	13:10:39	D	10.00
566	SANGRUR	BHAWANIGARH	S-NPP	30.24198	76.13094	13:10:39	D	6.90
567	SANGRUR	BHAWANIGARH	S-NPP	30.24400	75.97644	13:10:39	D	4.60
568	SANGRUR	BHAWANIGARH	S-NPP	30.24708	76.03443	13:10:39	D	3.30
569	SANGRUR	BHAWANIGARH	S-NPP	30.25001	76.07086	13:10:39	D	4.50
570	SANGRUR	BHAWANIGARH	S-NPP	30.25077	76.03351	13:10:39	D	2.80
571	SANGRUR	BHAWANIGARH	S-NPP	30.26175	76.00948	13:10:39	D	30.10
572	SANGRUR	BHAWANIGARH	S-NPP	30.28247	76.16303	13:10:39	D	4.60
573	SANGRUR	BHAWANIGARH	S-NPP	30.29433	76.12333	13:10:39	D	5.10
574	SANGRUR	BHAWANIGARH	S-NPP	30.29711	76.13844	13:10:39	D	5.20
575	SANGRUR	BHAWANIGARH	S-NPP	30.29952	75.95993	13:10:39	D	2.70
576	SANGRUR	BHAWANIGARH	S-NPP	30.30079	76.13754	13:10:39	D	4.70
577	SANGRUR	BHAWANIGARH	AQUA	30.19000	76.03200	13:59:29	D	7.50
578	SANGRUR	BHAWANIGARH	AQUA	30.19200	76.04200	13:59:29	D	8.80
579	SANGRUR	BHAWANIGARH	AQUA	30.20500	75.94500	13:59:29	D	6.30
580	SANGRUR	BHAWANIGARH	AQUA	30.20700	75.95500	13:59:29	D	7.90
581	SANGRUR	BHAWANIGARH	AQUA	30.24000	76.05800	13:59:29	D	5.80
582	SANGRUR	BHAWANIGARH	AQUA	30.24700	76.17200	13:59:29	D	6.30
583	SANGRUR	BHAWANIGARH	AQUA	30.24900	75.99400	13:59:29	D	5.10
584	SANGRUR	BHAWANIGARH	AQUA	30.25500	76.16000	13:59:29	D	14.00
585	SANGRUR	BHAWANIGARH	AQUA	30.25600	76.17000	13:59:29	D	19.10
586	SANGRUR	BHAWANIGARH	AQUA	30.28900	76.01700	13:59:29	D	8.00
587	SANGRUR	BHAWANIGARH	AQUA	30.29200	76.03800	13:59:29	D	5.50
588	SANGRUR	BHAWANIGARH	AQUA	30.30800	76.08700	13:59:29	D	7.20
589	SANGRUR	DIRBA	S-NPP	29.96222	75.94918	13:10:39	D	6.10
590	SANGRUR	DIRBA	S-NPP	29.98473	75.96523	13:10:39	D	13.80

591	SANGRUR	DIRBA	S-NPP	29.99765	75.95126	13:10:39	D	4.10
592	SANGRUR	DIRBA	S-NPP	30.00768	75.92174	13:10:39	D	4.20
593	SANGRUR	DIRBA	S-NPP	30.13042	75.97500	13:10:39	D	8.00
594	SANGRUR	DIRBA	S-NPP	30.14716	75.98161	13:10:39	D	6.00
595	SANGRUR	DIRBA	S-NPP	30.15086	75.98070	13:10:39	D	6.00
596	SANGRUR	DIRBA	S-NPP	30.15310	75.88588	13:10:39	D	6.00
597	SANGRUR	DIRBA	AQUA	30.06000	75.95900	13:59:29	D	11.60
598	SANGRUR	DIRBA	AQUA	30.07900	76.02800	13:59:29	D	10.70
599	SANGRUR	DIRBA	AQUA	30.09200	76.05700	13:59:29	D	6.30
600	SANGRUR	DIRBA	AQUA	30.11300	75.94800	13:59:29	D	5.10
601	SANGRUR	DIRBA	AQUA	30.15500	75.91300	13:59:29	D	11.70
602	SANGRUR	DIRBA	AQUA	30.15600	75.92300	13:59:29	D	7.50
603	SANGRUR	DIRBA	AQUA	30.16400	75.91100	13:59:29	D	37.90
604	SANGRUR	DIRBA	AQUA	30.16500	75.92100	13:59:29	D	20.50
605	SANGRUR	LEHRA GAGA	S-NPP	29.84836	75.86473	13:10:39	D	4.80
606	SANGRUR	LEHRA GAGA	S-NPP	29.85210	75.86381	13:10:39	D	13.50
607	SANGRUR	LEHRA GAGA	S-NPP	29.86763	75.82158	13:10:39	D	1.90
608	SANGRUR	LEHRA GAGA	S-NPP	29.87315	75.80922	13:10:39	D	2.60
609	SANGRUR	LEHRA GAGA	S-NPP	29.87969	75.90610	13:10:39	D	4.50
610	SANGRUR	LEHRA GAGA	S-NPP	29.88143	75.79063	13:10:39	D	3.20
611	SANGRUR	LEHRA GAGA	S-NPP	29.89605	75.84746	13:10:39	D	6.60
612	SANGRUR	LEHRA GAGA	S-NPP	29.90077	75.85175	13:10:39	D	6.60
613	SANGRUR	LEHRA GAGA	S-NPP	29.91785	75.88031	13:10:39	D	3.90
614	SANGRUR	LEHRA GAGA	S-NPP	29.94641	75.86622	13:10:39	D	20.50
615	SANGRUR	LEHRA GAGA	S-NPP	29.96707	75.87200	13:10:39	D	2.20
616	SANGRUR	LEHRA GAGA	S-NPP	29.97824	75.68193	13:10:39	D	2.60
617	SANGRUR	LEHRA GAGA	S-NPP	29.97906	75.85268	13:10:39	D	4.50
618	SANGRUR	LEHRA GAGA	AQUA	29.86100	75.80100	13:59:29	D	5.70
619	SANGRUR	LEHRA GAGA	AQUA	29.88500	75.83800	13:59:29	D	23.80
620	SANGRUR	LEHRA GAGA	AQUA	29.95800	75.95300	13:59:29	D	7.90
621	SANGRUR	LEHRA GAGA	AQUA	30.01300	75.89000	13:59:29	D	6.50
622	SANGRUR	MALERKOTLA-1	S-NPP	30.43873	76.05578	13:10:39	D	4.30
623	SANGRUR	MALERKOTLA-2	S-NPP	30.59798	75.80299	13:10:39	D	3.60

624	SANGRUR	MALERKOTLA-2	AQUA	30.58300	75.81000	13:59:29	D	5.70
625	SANGRUR	MALERKOTLA-2	AQUA	30.59900	75.79600	13:59:29	D	6.20
626	SANGRUR	MALERKOTLA-2	AQUA	30.60000	75.80600	13:59:29	D	6.70
627	SANGRUR	SANGRUR	S-NPP	30.19763	75.66652	13:10:39	D	1.70
628	SANGRUR	SANGRUR	S-NPP	30.21441	75.63747	13:10:39	D	2.80
629	SANGRUR	SANGRUR	S-NPP	30.21521	75.63431	13:10:39	D	3.60
630	SANGRUR	SANGRUR	S-NPP	30.23264	75.93633	13:10:39	D	12.70
631	SANGRUR	SANGRUR	S-NPP	30.28254	75.82932	13:10:39	D	3.20
632	SANGRUR	SANGRUR	AQUA	30.14400	75.65300	13:59:29	D	6.60
633	SANGRUR	SANGRUR	AQUA	30.18300	75.66100	13:59:29	D	6.70
634	SANGRUR	SANGRUR	AQUA	30.18700	75.75400	13:59:29	D	29.70
635	SANGRUR	SANGRUR	AQUA	30.18900	75.76400	13:59:29	D	8.00
636	SANGRUR	SANGRUR	AQUA	30.21800	75.71700	13:59:29	D	6.80
637	SANGRUR	SANGRUR	AQUA	30.26100	75.88600	13:59:29	D	5.30
638	SANGRUR	SUNAM	S-NPP	30.02441	75.74544	13:10:39	D	2.40
639	SANGRUR	SUNAM	S-NPP	30.03099	75.92138	13:10:39	D	2.90
640	SANGRUR	SUNAM	S-NPP	30.07415	75.82098	13:10:39	D	5.50
641	SANGRUR	SUNAM	S-NPP	30.08184	75.84090	13:10:39	D	10.20
642	SANGRUR	SUNAM	S-NPP	30.08601	75.69691	13:10:39	D	2.90
643	SANGRUR	SUNAM	S-NPP	30.08648	75.74104	13:10:39	D	31.30
644	SANGRUR	SUNAM	AQUA	30.01700	75.78900	13:59:29	D	6.30
645	SANGRUR	SUNAM	AQUA	30.04200	75.77400	13:59:29	D	15.60
646	SANGRUR	SUNAM	AQUA	30.05400	75.85500	13:59:29	D	9.10
647	SANGRUR	SUNAM	AQUA	30.05500	75.86500	13:59:29	D	8.40
648	SANGRUR	SUNAM	AQUA	30.10300	75.68200	13:59:29	D	21.30
649	SANGRUR	SUNAM	AQUA	30.13700	75.72800	13:59:29	D	11.40
650	SAS NAGAR (MOHALI)	DERABASSI	AQUA	30.42600	76.78800	13:59:29	D	11.20
651	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.62521	76.72396	13:10:39	D	3.80
652	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.63242	76.63573	13:10:39	D	10.20
653	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.63505	76.71667	13:10:39	D	1.50
654	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.63561	76.71413	13:10:39	D	2.30
655	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.75756	76.53759	13:10:39	D	4.90
656	SBS NAGAR	BANGA	S-NPP	31.24663	75.88628	13:10:39	D	3.80

657	SBS NAGAR	BANGA	S-NPP	31.24764	75.88335	13:10:39	D	2.60
658	SBS NAGAR	NAWAN SHAHR	S-NPP	31.02749	76.20466	13:10:39	D	2.90
659	SBS NAGAR	NAWAN SHAHR	S-NPP	31.03020	76.23988	13:10:39	D	2.60
660	SBS NAGAR	NAWAN SHAHR	S-NPP	31.04468	76.17467	13:10:39	D	2.90
661	SBS NAGAR	NAWAN SHAHR	S-NPP	31.10361	76.18813	13:10:39	D	6.60
662	SBS NAGAR	NAWAN SHAHR	AQUA	31.00400	76.17800	13:59:29	D	6.00
663	TARN TARAN	BHIKHIWIND	S-NPP	31.23982	74.68442	13:10:39	D	14.40
664	TARN TARAN	BHIKHIWIND	S-NPP	31.24053	74.68639	13:10:39	D	10.90
665	TARN TARAN	BHIKHIWIND	S-NPP	31.25031	74.67561	13:10:39	D	4.10
666	TARN TARAN	BHIKHIWIND	S-NPP	31.29232	74.64028	13:10:39	D	3.30
667	TARN TARAN	BHIKHIWIND	S-NPP	31.30835	74.61784	13:10:39	D	3.70
668	TARN TARAN	BHIKHIWIND	S-NPP	31.32180	74.68682	13:10:39	D	11.10
669	TARN TARAN	BHIKHIWIND	AQUA	31.25000	74.64200	13:59:29	D	7.40
670	TARN TARAN	BHIKHIWIND	AQUA	31.25200	74.65200	13:59:29	D	8.60
671	TARN TARAN	BHIKHIWIND	AQUA	31.26200	74.66100	13:59:29	D	14.50
672	TARN TARAN	BHIKHIWIND	AQUA	31.29100	74.61100	13:59:29	D	7.60
673	TARN TARAN	BHIKHIWIND	AQUA	31.30300	74.63100	13:59:29	D	4.50
674	TARN TARAN	BHIKHIWIND	AQUA	31.39900	74.65900	13:59:29	D	16.10
675	TARN TARAN	BHIKHIWIND	AQUA	31.41300	74.61700	13:59:29	D	16.50
676	TARN TARAN	CHOHLA SAHIB	S-NPP	31.20643	74.96859	13:10:39	D	4.80
677	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23360	75.02557	13:10:39	D	4.40
678	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27264	74.91609	13:10:39	D	7.10
679	TARN TARAN	CHOHLA SAHIB	S-NPP	31.36060	75.09393	13:10:39	D	2.10
680	TARN TARAN	CHOHLA SAHIB	AQUA	31.19800	74.97100	13:59:29	D	21.70
681	TARN TARAN	CHOHLA SAHIB	AQUA	31.19900	74.98100	13:59:29	D	7.10
682	TARN TARAN	CHOHLA SAHIB	AQUA	31.21900	75.05200	13:59:29	D	5.20
683	TARN TARAN	CHOHLA SAHIB	AQUA	31.22100	75.00800	13:59:29	D	5.30
684	TARN TARAN	CHOHLA SAHIB	AQUA	31.32000	74.98200	13:59:29	D	5.80
685	TARN TARAN	GANDIWIND TATLA	S-NPP	31.48292	74.68181	13:10:39	D	8.60
686	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49289	74.69115	13:10:39	D	22.50
687	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49674	74.69012	13:10:39	D	22.50
688	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49899	74.70150	13:10:39	D	15.30
689	TARN TARAN	GANDIWIND TATLA	S-NPP	31.50046	74.64709	13:10:39	D	7.40

690	TARN TARAN	GANDIWIND TATLA	S-NPP	31.53040	74.71705	13:10:39	D	12.10
691	TARN TARAN	GANDIWIND TATLA	S-NPP	31.55295	74.72894	13:10:39	D	7.80
692	TARN TARAN	GANDIWIND TATLA	AQUA	31.48500	74.66700	13:59:29	D	12.00
693	TARN TARAN	GANDIWIND TATLA	AQUA	31.51800	74.70800	13:59:29	D	15.90
694	TARN TARAN	GANDIWIND TATLA	AQUA	31.52000	74.71800	13:59:29	D	8.10
695	TARN TARAN	GANDIWIND TATLA	AQUA	31.53300	74.68300	13:59:29	D	6.20
696	TARN TARAN	KHADUR SAHIB	S-NPP	31.40058	75.09497	13:10:39	D	2.60
697	TARN TARAN	KHADUR SAHIB	S-NPP	31.40201	75.12322	13:10:39	D	5.40
698	TARN TARAN	KHADUR SAHIB	S-NPP	31.40437	75.09399	13:10:39	D	2.60
699	TARN TARAN	KHADUR SAHIB	S-NPP	31.40475	75.11680	13:10:39	D	4.40
700	TARN TARAN	KHADUR SAHIB	S-NPP	31.40738	75.04721	13:10:39	D	2.90
701	TARN TARAN	KHADUR SAHIB	S-NPP	31.43684	75.12878	13:10:39	D	2.30
702	TARN TARAN	KHADUR SAHIB	S-NPP	31.44787	75.06295	13:10:39	D	15.70
703	TARN TARAN	KHADUR SAHIB	AQUA	31.37200	75.15200	13:59:29	D	11.80
704	TARN TARAN	KHADUR SAHIB	AQUA	31.46100	75.19200	13:59:29	D	15.40
705	TARN TARAN	KHADUR SAHIB	AQUA	31.46500	75.15900	13:59:29	D	8.70
706	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.39193	74.88248	13:10:39	D	3.80
707	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.39312	74.88569	13:10:39	D	3.30
708	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.37100	75.01900	13:59:29	D	7.10
709	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.37300	75.02900	13:59:29	D	18.50
710	TARN TARAN	PATTI	S-NPP	31.18435	74.81511	13:10:39	D	8.40
711	TARN TARAN	PATTI	S-NPP	31.19963	74.72735	13:10:39	D	4.00
712	TARN TARAN	PATTI	S-NPP	31.20074	74.73307	13:10:39	D	4.00
713	TARN TARAN	PATTI	S-NPP	31.20685	74.74348	13:10:39	D	12.10
714	TARN TARAN	PATTI	AQUA	31.16600	74.88100	13:59:29	D	4.60
715	TARN TARAN	PATTI	AQUA	31.18200	74.74900	13:59:29	D	12.80
716	TARN TARAN	PATTI	AQUA	31.19300	74.82200	13:59:29	D	5.30
717	TARN TARAN	PATTI	AQUA	31.25000	74.76000	13:59:29	D	9.00
718	TARN TARAN	PATTI	AQUA	31.25100	74.77100	13:59:29	D	8.40
719	TARN TARAN	TARN TARAN	S-NPP	31.40456	74.84148	13:10:39	D	4.30
720	TARN TARAN	TARN TARAN	S-NPP	31.43403	74.95092	13:10:39	D	3.50
721	TARN TARAN	TARN TARAN	S-NPP	31.43517	74.91563	13:10:39	D	8.30
722	TARN TARAN	TARN TARAN	S-NPP	31.48870	75.00620	13:10:39	D	2.40

723	TARN TARAN	TARN TARAN	S-NPP	31.49485	74.80363	13:10:39	D	4.50
724	TARN TARAN	TARN TARAN	S-NPP	31.50238	74.86864	13:10:39	D	3.30
725	TARN TARAN	TARN TARAN	S-NPP	31.50315	74.86620	13:10:39	D	6.00
726	TARN TARAN	TARN TARAN	S-NPP	31.51245	74.93384	13:10:39	D	3.30
727	TARN TARAN	TARN TARAN	S-NPP	31.53155	74.84696	13:10:39	D	5.10
728	TARN TARAN	TARN TARAN	S-NPP	31.53264	74.85254	13:10:39	D	9.60
729	TARN TARAN	TARN TARAN	AQUA	31.42500	74.82600	13:59:29	D	5.20
730	TARN TARAN	TARN TARAN	AQUA	31.43800	74.78400	13:59:29	D	9.90
731	TARN TARAN	TARN TARAN	AQUA	31.45600	74.78000	13:59:29	D	7.70
732	TARN TARAN	TARN TARAN	AQUA	31.47200	74.88400	13:59:29	D	6.30
733	TARN TARAN	TARN TARAN	AQUA	31.50900	75.01600	13:59:29	D	4.90
734	TARN TARAN	TARN TARAN	AQUA	31.52200	74.85300	13:59:29	D	9.60
735	TARN TARAN	VALTOHA	S-NPP	31.10010	74.60920	13:10:39	D	11.70
736	TARN TARAN	VALTOHA	S-NPP	31.12448	74.59556	13:10:39	D	4.80
737	TARN TARAN	VALTOHA	S-NPP	31.15823	74.64153	13:10:39	D	7.30
738	TARN TARAN	VALTOHA	S-NPP	31.16325	74.54230	13:10:39	D	42.30
739	TARN TARAN	VALTOHA	S-NPP	31.17222	74.54607	13:10:39	D	7.80
740	TARN TARAN	VALTOHA	S-NPP	31.20188	74.53607	13:10:39	D	5.60
741	TARN TARAN	VALTOHA	S-NPP	31.20306	74.54191	13:10:39	D	5.60
742	TARN TARAN	VALTOHA	S-NPP	31.20349	74.53772	13:10:39	D	8.00
743	TARN TARAN	VALTOHA	S-NPP	31.21799	74.52769	13:10:39	D	14.40
744	TARN TARAN	VALTOHA	S-NPP	31.22026	74.52505	13:10:39	D	10.30
745	TARN TARAN	VALTOHA	S-NPP	31.25210	74.60235	13:10:39	D	8.40
746	TARN TARAN	VALTOHA	S-NPP	31.26672	74.53114	13:10:39	D	3.30
747	TARN TARAN	VALTOHA	S-NPP	31.26995	74.60978	13:10:39	D	4.80
748	TARN TARAN	VALTOHA	S-NPP	31.27798	74.54654	13:10:39	D	4.70
749	TARN TARAN	VALTOHA	S-NPP	31.30269	74.58891	13:10:39	D	2.30
750	TARN TARAN	VALTOHA	AQUA	31.09100	74.56800	13:59:29	D	16.70
751	TARN TARAN	VALTOHA	AQUA	31.11100	74.70500	13:59:29	D	11.50
752	TARN TARAN	VALTOHA	AQUA	31.13600	74.68300	13:59:29	D	4.70
753	TARN TARAN	VALTOHA	AQUA	31.13700	74.62900	13:59:29	D	7.50
754	TARN TARAN	VALTOHA	AQUA	31.13700	74.69300	13:59:29	D	6.40
755	TARN TARAN	VALTOHA	AQUA	31.16000	74.72100	13:59:29	D	5.40

756	TARN TARAN	VALTOHA	AQUA	31.17300	74.68600	13:59:29	D	5.20
757	TARN TARAN	VALTOHA	AQUA	31.17400	74.69600	13:59:29	D	5.00
758	TARN TARAN	VALTOHA	AQUA	31.18600	74.53200	13:59:29	D	8.20
759	TARN TARAN	VALTOHA	AQUA	31.18800	74.54200	13:59:29	D	11.20
760	TARN TARAN	VALTOHA	AQUA	31.20000	74.56200	13:59:29	D	10.80
761	TARN TARAN	VALTOHA	AQUA	31.21100	74.63500	13:59:29	D	11.50
762	TARN TARAN	VALTOHA	AQUA	31.21400	74.53000	13:59:29	D	6.30
763	TARN TARAN	VALTOHA	AQUA	31.26100	74.59600	13:59:29	D	23.50
764	TARN TARAN	VALTOHA	AQUA	31.28000	74.53800	13:59:29	D	32.00
765	TARN TARAN	VALTOHA	AQUA	31.29100	74.54700	13:59:29	D	7.40
766	TARN TARAN	VALTOHA	AQUA	31.30000	74.55000	13:59:29	D	5.20

Details of residue burning events in Haryana on 27-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBALA	AMBALA-I	AQUA	30.39900	76.73600	13:59:29	D	7.90
2	AMBALA	AMBALA-I	AQUA	30.40100	76.74600	13:59:29	D	5.30
3	AMBALA	AMBALA-I	AQUA	30.40300	76.83100	13:59:29	D	7.10
4	AMBALA	AMBALA-II	S-NPP	30.19632	76.68050	13:10:39	D	4.50
5	AMBALA	AMBALA-II	S-NPP	30.25558	76.59312	13:10:39	D	10.60
6	AMBALA	AMBALA-II	S-NPP	30.26500	76.78986	13:10:39	D	6.40
7	AMBALA	AMBALA-II	AQUA	30.18900	76.68000	13:59:29	D	6.70
8	AMBALA	BARARA	S-NPP	30.19781	77.06218	13:10:39	D	2.20
9	AMBALA	BARARA	AQUA	30.20600	76.93300	13:59:29	D	5.00
10	AMBALA	NARAINGARH	S-NPP	30.40564	77.16936	13:10:39	D	2.40
11	AMBALA	SAHA	S-NPP	30.22110	76.88204	13:10:39	D	5.00
12	AMBALA	SAHA	S-NPP	30.26812	77.03271	13:10:39	D	1.60
13	FARIDABAD	FARIDABAD	S-NPP	28.43623	77.38674	13:10:39	D	2.80
14	FATEHABAD	BHUNA	S-NPP	29.63389	75.75466	02:00:40	N	0.80
15	FATEHABAD	BHUNA	AQUA	29.54100	75.82500	13:59:29	D	7.60
16	FATEHABAD	FATEHABAD	S-NPP	29.42662	75.41862	13:10:39	D	10.10
17	FATEHABAD	JAKHAL	S-NPP	29.76563	75.73335	13:10:39	D	3.10
18	FATEHABAD	JAKHAL	AQUA	29.76000	75.73200	13:59:29	D	8.00
19	FATEHABAD	RATIA	S-NPP	29.65709	75.54859	13:10:39	D	4.40
20	FATEHABAD	RATIA	S-NPP	29.65816	75.54606	13:10:39	D	4.40
21	FATEHABAD	TOHANA	S-NPP	29.69071	75.85397	13:10:39	D	3.20
22	FATEHABAD	TOHANA	AQUA	29.66100	75.94600	13:59:29	D	7.10
23	FATEHABAD	TOHANA	AQUA	29.69200	75.84600	13:59:29	D	6.90
24	HISAR	AGROHA	S-NPP	29.37365	75.73072	13:10:39	D	3.40
25	JIND	ALEWA	S-NPP	29.44251	76.44523	13:10:39	D	2.10
26	JIND	ALEWA	AQUA	29.44600	76.36900	13:59:29	D	7.80
27	JIND	ALEWA	AQUA	29.44800	76.37900	13:59:29	D	10.70
28	JIND	JIND	S-NPP	29.33424	76.20027	13:10:39	D	2.80
29	JIND	JULANA	S-NPP	29.22999	76.45507	13:10:39	D	3.20
30	JIND	NARWANA	S-NPP	29.78689	76.13609	13:10:39	D	6.10
31	JIND	NARWANA	AQUA	29.64200	76.13200	13:59:29	D	7.10
32	JIND	UCHANA	S-NPP	29.52475	76.23909	13:10:39	D	5.40

33	KAITHAL	GUHLA	S-NPP	29.99146	76.21536	13:10:39	D	4.10
34	KAITHAL	GUHLA	S-NPP	29.99972	76.28138	13:10:39	D	3.40
35	KAITHAL	GUHLA	S-NPP	30.11661	76.40631	13:10:39	D	8.40
36	KAITHAL	KAITHAL	S-NPP	29.84491	76.48714	13:10:39	D	4.60
37	KAITHAL	KALAYAT	S-NPP	29.65599	76.29506	13:10:39	D	3.40
38	KAITHAL	PUNDRI	S-NPP	29.67743	76.68051	13:10:39	D	2.90
39	KAITHAL	PUNDRI	AQUA	29.78500	76.55900	13:59:29	D	4.90
40	KAITHAL	RAJOUND	AQUA	29.68500	76.49900	13:59:29	D	5.70
41	KAITHAL	SIWAN	S-NPP	29.88689	76.32216	13:10:39	D	9.10
42	KAITHAL	SIWAN	S-NPP	29.94950	76.40241	13:10:39	D	3.10
43	KAITHAL	SIWAN	S-NPP	29.95042	76.40734	13:10:39	D	5.80
44	KAITHAL	SIWAN	AQUA	29.89200	76.33300	13:59:29	D	10.70
45	KAITHAL	SIWAN	AQUA	29.90000	76.32600	13:59:29	D	9.80
46	KAITHAL	SIWAN	AQUA	29.90200	76.33600	13:59:29	D	8.90
47	KARNAL	GHARAUNDA	S-NPP	29.48637	76.91060	13:10:39	D	1.50
48	KARNAL	INDRI	S-NPP	29.87580	77.19429	13:10:39	D	2.10
49	KURUKSHETRA	ISMAILABAD	S-NPP	30.11619	76.75439	13:10:39	D	3.20
50	KURUKSHETRA	ISMAILABAD	AQUA	30.11700	76.75300	13:59:29	D	6.60
51	KURUKSHETRA	PEHOWA	S-NPP	29.96136	76.68875	02:00:40	N	0.70
52	KURUKSHETRA	SHAHBAD	S-NPP	30.12237	76.76778	13:10:39	D	2.20
53	KURUKSHETRA	THANESAR	S-NPP	29.93527	76.74914	02:00:40	N	1.40
54	PALWAL	HASSANPUR	S-NPP	27.97795	77.46885	13:10:39	D	4.20
55	PALWAL	HODAL	S-NPP	27.92933	77.42664	13:10:39	D	4.10
56	SIRSA	BARAGUNDA	S-NPP	29.69628	75.15730	13:10:39	D	5.20
57	SIRSA	BARAGUNDA	AQUA	29.76600	75.15800	13:59:29	D	5.20
58	SIRSA	ODHAN	S-NPP	29.92425	74.91873	13:10:39	D	3.50
59	SONIPAT	MUNDLANA	S-NPP	29.20454	76.72581	13:10:39	D	3.70
60	SONIPAT	MUNDLANA	S-NPP	29.23335	76.74147	13:10:39	D	3.90
61	YAMUNANAGAR	BILASPUR	AQUA	30.22800	77.23200	13:59:29	D	6.30
62	YAMUNANAGAR	BILASPUR	AQUA	30.23500	77.28500	13:59:29	D	10.90
63	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.16538	77.12736	13:10:39	D	2.70
64	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.30156	77.17796	13:10:39	D	8.40
65	YAMUNANAGAR	MUSTAFABAD	AQUA	30.22600	77.22100	13:59:29	D	7.50
66	YAMUNANAGAR	RADAUR	S-NPP	30.13851	77.13599	13:10:39	D	1.90
67	YAMUNANAGAR	RADAUR	AQUA	30.06400	77.11100	13:59:29	D	5.60

Details of residue burning events in Uttar Pradesh on 27-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AGRA	KURAU LI	AQUA	27.05800	77.67900	13:59:29	D	6.30
2	AGRA	KURAU LI	AQUA	27.06000	77.68900	13:59:29	D	7.10
3	ALIGARH	GABHANA	S-NPP	28.06977	77.85970	02:00:40	N	0.60
4	AMETHI	AMETHI	S-NPP	26.07168	81.70728	13:10:39	D	1.40
5	AURAIYA	BIDHUNA	S-NPP	26.76867	79.43037	13:10:39	D	3.10
6	AZAMGARH	PHULPUR	S-NPP	26.17544	82.70569	13:10:39	D	4.90
7	BADAUN	BISAU LI	S-NPP	28.32862	78.75627	13:10:39	D	1.10
8	BADAUN	DATAGANJ	S-NPP	27.85371	79.40041	13:10:39	D	2.70
9	BALRAMPUR	TULSIPUR	S-NPP	27.65861	82.64626	13:10:39	D	2.50
10	BARABANKI	NAWABGANJ	S-NPP	26.79790	81.29302	13:10:39	D	4.20
11	BARABANKI	RAMSANEHIGHAT	S-NPP	26.69169	81.51069	13:10:39	D	7.60
12	BAREILLY	BAHERI	S-NPP	28.67000	79.53027	13:10:39	D	2.60
13	BAREILLY	BAHERI	S-NPP	28.75915	79.58238	13:10:39	D	2.10
14	BAREILLY	BAREILY	S-NPP	28.39794	79.54336	13:10:39	D	2.20
15	BAREILLY	FARIDPUR	S-NPP	28.27793	79.70093	02:00:40	N	0.40
16	ETAH	JALESAR	S-NPP	27.47851	78.35407	02:00:40	N	0.50
17	ETAWAH	BHARTHNA	S-NPP	26.66613	79.14979	13:10:39	D	2.70
18	ETAWAH	BHARTHNA	S-NPP	26.85139	79.19000	13:10:39	D	2.90
19	ETAWAH	BHARTHNA	S-NPP	26.89227	79.20278	13:10:39	D	3.60
20	ETAWAH	CHAKARNAGAR	S-NPP	26.70327	79.08333	13:10:39	D	3.10
21	ETAWAH	ETAWAH	S-NPP	26.79355	79.07309	13:10:39	D	3.60
22	FATEHPUR	BINKI	S-NPP	25.88036	80.62269	13:10:39	D	2.30
23	FATEHPUR	BINKI	S-NPP	26.10892	80.52328	13:10:39	D	7.80
24	FATEHPUR	FATEHPUR	S-NPP	25.86952	80.64072	13:10:39	D	2.50
25	FATEHPUR	FATEHPUR	S-NPP	25.90886	80.92684	13:10:39	D	1.90
26	FATEHPUR	FATEHPUR	S-NPP	25.93904	80.64721	13:10:39	D	6.60
27	FATEHPUR	FATEHPUR	S-NPP	26.00967	80.87980	13:10:39	D	1.10
28	FATEHPUR	KHAGA	S-NPP	25.71740	81.07357	13:10:39	D	1.30
29	FATEHPUR	KHAGA	S-NPP	25.85090	81.03661	13:10:39	D	2.10
30	GAUTAMBUDHNAGAR	DADRI	S-NPP	28.51585	77.65560	13:10:39	D	3.90

31	GAUTAMBUDHNAGAR	DADRI	S-NPP	28.51640	77.65398	13:10:39	D	4.10
32	GORAKHPUR	CHAURI CHAURA	S-NPP	26.59252	83.49022	13:10:39	D	4.30
33	HARDOI	HARDOI	S-NPP	27.27056	80.30187	13:10:39	D	2.80
34	HARDOI	HARDOI	S-NPP	27.31268	80.14481	13:10:39	D	4.90
35	HARDOI	SHAHABAD	S-NPP	27.45108	79.92214	13:10:39	D	2.80
36	HARDOI	SHAHABAD	S-NPP	27.45442	79.92146	13:10:39	D	4.00
37	HARDOI	SHAHABAD	S-NPP	27.47759	79.93719	13:10:39	D	4.50
38	HARDOI	SHAHABAD	S-NPP	27.67323	80.12603	13:10:39	D	2.60
39	HARDOI	SHAHABAD	S-NPP	27.69814	80.15344	13:10:39	D	3.40
40	HARDOI	SHAHABAD	S-NPP	27.76798	80.06245	13:10:39	D	2.50
41	HARDOI	SHAHABAD	AQUA	27.53800	79.92000	13:59:29	D	11.60
42	HARDOI	SHAHABAD	AQUA	27.60900	80.16900	13:59:29	D	15.60
43	JHANSI	JHANSI	S-NPP	25.47947	78.62847	13:10:39	D	3.20
44	JHANSI	JHANSI	S-NPP	25.49580	78.63860	13:10:39	D	4.30
45	JHANSI	MOTH	S-NPP	25.64078	78.87280	13:10:39	D	3.70
46	JHANSI	MOTH	S-NPP	25.66384	78.88126	13:10:39	D	3.40
47	JHANSI	TAHRAULI	S-NPP	25.49222	79.20253	02:00:40	N	0.50
48	JHANSI	TAHRAULI	S-NPP	25.57428	78.71758	13:10:39	D	6.10
49	JHANSI	TAHRAULI	AQUA	25.56600	78.75600	13:59:29	D	9.20
50	JHANSI	TAHRAULI	AQUA	25.59100	78.80600	13:59:29	D	13.80
51	KANPUR	BILHAUR	S-NPP	26.66134	80.05728	13:10:39	D	2.40
52	KANPUR DEHAT	AKBARPUR	S-NPP	26.39906	79.91325	13:10:39	D	2.10
53	KANPUR DEHAT	AKBARPUR	S-NPP	26.39999	79.91316	13:10:39	D	2.70
54	KANPUR DEHAT	AKBARPUR	S-NPP	26.40384	79.98590	13:10:39	D	3.70
55	KANPUR DEHAT	AKBARPUR	S-NPP	26.40695	80.09119	13:10:39	D	1.40
56	KANPUR DEHAT	RASULABAD	S-NPP	26.69683	79.76363	13:10:39	D	1.80
57	KANPUR DEHAT	RASULABAD	S-NPP	26.74000	79.82940	13:10:39	D	4.00
58	KANPUR DEHAT	SIKANDRA	S-NPP	26.36349	79.62229	02:00:40	N	0.50
59	KANPUR DEHAT	SIKANDRA	S-NPP	26.40090	79.70713	13:10:39	D	3.10
60	KAUSHAMBI	MANJHANPUR	S-NPP	25.40997	81.24890	13:10:39	D	2.00
61	KAUSHAMBI	MANJHANPUR	S-NPP	25.44919	81.35139	13:10:39	D	3.00
62	KHERI	LAKHIMPUR	S-NPP	27.85335	80.56185	13:10:39	D	2.10
63	MAINPURI	BHOGAON	S-NPP	27.17086	79.31957	13:10:39	D	2.40
64	MAINPURI	BHOGAON	S-NPP	27.17686	79.18832	13:10:39	D	5.00

65	MAINPURI	MAINPURI	S-NPP	27.13178	78.96257	13:10:39	D	3.40
66	MAINPURI	MAINPURI	S-NPP	27.16771	78.88155	13:10:39	D	1.40
67	MATHURA	CHHATA	AQUA	27.74000	77.42300	13:59:29	D	7.70
68	MATHURA	MATHURA	S-NPP	27.36808	77.62210	02:00:40	N	0.70
69	MATHURA	MATHURA	S-NPP	27.37144	77.62273	02:00:40	N	0.70
70	MUZAFARNAGAR	BUDHANA	S-NPP	29.24210	77.36935	13:10:39	D	4.40
71	PILHIBHIT	PURANPUR	S-NPP	28.49060	80.13113	02:00:40	N	0.90
72	PILHIBHIT	PURANPUR	S-NPP	28.51710	80.03094	02:00:40	N	0.40
73	PRATAPGARH	KUNDA	S-NPP	25.86222	81.75362	13:10:39	D	8.50
74	RAIBEARELI	SALON	S-NPP	25.97083	81.52946	13:10:39	D	4.00
75	RAIBEARELI	SALON	S-NPP	25.98116	81.50790	13:10:39	D	3.00
76	RAMPUR	BILASPUR	S-NPP	28.77106	79.27223	13:10:39	D	8.10
77	RAMPUR	BILASPUR	AQUA	28.79000	79.24800	13:59:29	D	8.00
78	RAMPUR	BILASPUR	AQUA	28.84500	79.28300	13:59:29	D	13.00
79	SHAHJAHANPUR	PUWANYA	AQUA	28.25600	80.23000	13:59:29	D	9.10
80	SHAHJAHANPUR	PUWANYA	AQUA	28.25800	80.24400	13:59:29	D	9.50
81	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.73511	79.85715	13:10:39	D	2.50
82	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.73623	79.88554	13:10:39	D	3.00
83	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.78045	80.02647	02:00:40	N	0.90
84	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.78109	80.02254	02:00:40	N	0.90
85	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.80434	79.65514	13:10:39	D	1.40
86	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.89092	80.02244	13:10:39	D	4.40
87	SHARANPUR	NAKUR	S-NPP	29.96307	77.33539	13:10:39	D	4.50
88	SHRAWASTI	BHINGA	S-NPP	27.74314	81.68742	13:10:39	D	2.10
89	SHRAWASTI	BHINGA	S-NPP	27.78979	81.82774	13:10:39	D	2.80
90	SHRAWASTI	BHINGA	S-NPP	27.83599	81.65409	13:10:39	D	3.00
91	SITAPUR	LAHARPUR	S-NPP	27.65365	80.80486	13:10:39	D	2.20
92	SITAPUR	MAHMUDABAD	S-NPP	27.29818	81.20309	13:10:39	D	1.70
93	SITAPUR	MAHMUDABAD	S-NPP	27.33807	81.35466	13:10:39	D	1.40
94	SULTANPUR	SULTANPUR	S-NPP	26.18801	82.07666	13:10:39	D	3.60
95	UNNAO	BIGHAPUR	S-NPP	26.35154	80.70769	13:10:39	D	2.20
96	UNNAO	BIGHAPUR	S-NPP	26.40068	80.69421	13:10:39	D	2.50
97	UNNAO	SAFIPUR	S-NPP	26.80267	80.32465	13:10:39	D	2.60

Details of residue burning events in Rajasthan on 27-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARAN	CHHABRA	S-NPP	24.61059	76.91315	13:10:39	D	1.40
2	BARAN	CHHABRA	S-NPP	24.62607	76.90972	13:10:39	D	5.20
3	BARAN	CHHABRA	S-NPP	24.68032	76.92004	13:10:39	D	5.30
4	BARAN	CHHABRA	AQUA	24.59800	76.85000	13:59:29	D	7.10
5	BARAN	CHHABRA	AQUA	24.60000	76.86000	13:59:29	D	5.00
6	BARAN	CHHABRA	AQUA	24.68800	76.83800	13:59:29	D	16.60
7	BARAN	KISHANGUNJ	S-NPP	25.06560	76.73523	13:10:39	D	5.00
8	BARAN	MANGROL	S-NPP	25.29386	76.33833	13:10:39	D	4.50
9	BARAN	MANGROL	S-NPP	25.29492	76.34394	13:10:39	D	3.90
10	BARAN	MANGROL	S-NPP	25.30176	76.33652	13:10:39	D	14.50
11	BARAN	MANGROL	S-NPP	25.42056	76.49829	13:10:39	D	11.10
12	BARAN	MANGROL	S-NPP	25.42446	76.49740	13:10:39	D	11.10
13	BARAN	SHAHBAD	S-NPP	25.09362	77.03848	13:10:39	D	6.60
14	BARAN	SHAHBAD	S-NPP	25.11292	77.04565	02:00:40	N	1.40
15	BARAN	SHAHBAD	S-NPP	25.13965	76.97672	13:10:39	D	2.90
16	BARAN	SHAHBAD	S-NPP	25.14013	76.89434	13:10:39	D	18.30
17	BARAN	SHAHBAD	S-NPP	25.15042	77.03411	13:10:39	D	5.90
18	BARAN	SHAHBAD	S-NPP	25.24375	77.02417	13:10:39	D	4.20
19	BARAN	SHAHBAD	S-NPP	25.24480	77.02118	13:10:39	D	3.50
20	BARAN	SHAHBAD	S-NPP	25.24659	77.03978	13:10:39	D	6.70
21	BARAN	SHAHBAD	AQUA	25.12400	76.96900	13:59:29	D	13.20
22	BUNDI	BUNDI	S-NPP	25.29168	75.67004	13:10:39	D	8.90
23	BUNDI	BUNDI	S-NPP	25.30400	75.84435	13:10:39	D	4.20
24	BUNDI	BUNDI	S-NPP	25.34486	75.62388	13:10:39	D	2.70
25	BUNDI	BUNDI	S-NPP	25.34566	75.62797	13:10:39	D	7.00
26	BUNDI	BUNDI	S-NPP	25.38670	75.83781	13:10:39	D	3.90
27	BUNDI	BUNDI	S-NPP	25.43296	75.71399	13:10:39	D	1.50
28	BUNDI	BUNDI	S-NPP	25.43497	75.71327	13:10:39	D	1.60
29	BUNDI	BUNDI	S-NPP	25.44879	75.78571	13:10:39	D	3.10
30	BUNDI	BUNDI	S-NPP	25.45131	75.78529	13:10:39	D	3.70

31	BUNDI	KESHORAIPATAN	S-NPP	25.37922	75.95106	13:10:39	D	6.40
32	BUNDI	KESHORAIPATAN	S-NPP	25.45476	76.05956	13:10:39	D	2.70
33	BUNDI	KESHORAIPATAN	S-NPP	25.45550	76.06342	13:10:39	D	2.70
34	BUNDI	KESHORAIPATAN	AQUA	25.33000	75.94600	13:59:29	D	6.10
35	BUNDI	KESHORAIPATAN	AQUA	25.40700	75.96200	13:59:29	D	5.80
36	HANUMANGARH	HANUMANGARH	S-NPP	29.64042	74.37489	13:10:39	D	4.30
37	HANUMANGARH	HANUMANGARH	AQUA	29.55600	74.27700	13:59:29	D	6.30
38	HANUMANGARH	SANGHRIYA	S-NPP	29.94623	74.45414	13:10:39	D	14.90
39	HANUMANGARH	TIBI	S-NPP	29.51451	74.56818	13:10:39	D	7.70
40	HANUMANGARH	TIBI	S-NPP	29.51532	74.57227	13:10:39	D	15.00
41	HANUMANGARH	TIBI	AQUA	29.57100	74.42900	13:59:29	D	8.80
42	HANUMANGARH	TIBI	AQUA	29.61200	74.57400	13:59:29	D	16.90
43	HANUMANGARH	TIBI	AQUA	29.61700	74.43600	13:59:29	D	15.40
44	HANUMANGARH	TIBI	AQUA	29.61900	74.44600	13:59:29	D	12.00
45	KOTA	DIGOD	S-NPP	25.17602	76.18344	13:10:39	D	7.90
46	KOTA	DIGOD	S-NPP	25.17675	76.18728	13:10:39	D	10.70
47	KOTA	DIGOD	S-NPP	25.23000	76.04689	13:10:39	D	9.70
48	KOTA	DIGOD	S-NPP	25.23401	76.04595	13:10:39	D	6.40
49	KOTA	DIGOD	AQUA	25.18200	76.18100	13:59:29	D	5.60
50	KOTA	LADPURA	S-NPP	25.15686	75.97380	13:10:39	D	3.20
51	KOTA	LADPURA	S-NPP	25.15781	75.97648	13:10:39	D	3.10
52	KOTA	LADPURA	S-NPP	25.22952	76.02253	13:10:39	D	6.80
53	KOTA	LADPURA	S-NPP	25.24047	75.92551	13:10:39	D	6.20
54	KOTA	LADPURA	S-NPP	25.24786	76.03052	13:10:39	D	4.60
55	KOTA	LADPURA	S-NPP	25.25292	76.01301	13:10:39	D	7.50
56	KOTA	LADPURA	AQUA	25.25100	75.91500	13:59:29	D	13.30
57	KOTA	LADPURA	AQUA	25.25400	75.93600	13:59:29	D	55.60
58	KOTA	PIPALDA	S-NPP	25.42962	76.52480	13:10:39	D	6.60
59	KOTA	PIPALDA	S-NPP	25.44419	76.51577	13:10:39	D	10.10
60	KOTA	PIPALDA	S-NPP	25.45569	76.49024	13:10:39	D	7.80
61	KOTA	PIPALDA	S-NPP	25.46144	76.48094	13:10:39	D	5.70
62	KOTA	PIPALDA	S-NPP	25.46249	76.48643	13:10:39	D	4.50
63	KOTA	PIPALDA	S-NPP	25.48030	76.51321	13:10:39	D	18.60
64	KOTA	PIPALDA	S-NPP	25.48420	76.51231	13:10:39	D	18.60

65	KOTA	PIPALDA	S-NPP	25.60057	76.38339	13:10:39	D	38.60
66	KOTA	PIPALDA	S-NPP	25.65732	76.46801	13:10:39	D	3.00
67	KOTA	PIPALDA	S-NPP	25.75159	76.49622	13:10:39	D	4.20
68	KOTA	PIPALDA	AQUA	25.43400	76.50700	13:59:29	D	11.20
69	KOTA	PIPALDA	AQUA	25.45000	76.49400	13:59:29	D	20.30
70	KOTA	PIPALDA	AQUA	25.46500	76.53200	13:59:29	D	24.30
71	SWAIMADHOPUR	KHANDAR	S-NPP	25.89468	76.52869	13:10:39	D	4.50
72	SWAIMADHOPUR	KHANDAR	AQUA	25.87500	76.49700	13:59:29	D	16.40
73	SWAIMADHOPUR	KHANDAR	AQUA	25.87600	76.50700	13:59:29	D	8.70

Details of residue burning events in Madhya Pradesh on 27-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.52954	77.69666	13:10:39	D	4.20
2	ASHOKNAGAR	ASHOKNAGAR	AQUA	24.55300	77.87600	13:59:29	D	39.50
3	ASHOKNAGAR	ASHOKNAGAR	AQUA	24.55400	77.88500	13:59:29	D	20.30
4	ASHOKNAGAR	ASHOKNAGAR	AQUA	24.60900	77.63100	13:59:29	D	6.50
5	ASHOKNAGAR	CHANDERI	S-NPP	24.55880	78.10423	13:10:39	D	7.00
6	ASHOKNAGAR	CHANDERI	S-NPP	24.56527	78.09802	13:10:39	D	5.10
7	ASHOKNAGAR	CHANDERI	S-NPP	24.58868	77.93896	13:10:39	D	6.20
8	ASHOKNAGAR	CHANDERI	S-NPP	24.62430	77.88199	13:10:39	D	3.90
9	ASHOKNAGAR	MUNGAOLI	S-NPP	24.31546	77.93628	13:10:39	D	12.10
10	ASHOKNAGAR	MUNGAOLI	S-NPP	24.33039	77.90514	13:10:39	D	4.40
11	ASHOKNAGAR	MUNGAOLI	S-NPP	24.35942	78.14293	13:10:39	D	3.60
12	ASHOKNAGAR	MUNGAOLI	S-NPP	24.37135	77.94112	13:10:39	D	3.70
13	ASHOKNAGAR	MUNGAOLI	S-NPP	24.55515	78.10500	13:10:39	D	7.00
14	ASHOKNAGAR	MUNGAOLI	S-NPP	24.55739	78.03155	13:10:39	D	2.80
15	ASHOKNAGAR	MUNGAOLI	AQUA	24.51400	77.92200	13:59:29	D	13.00
16	BETUL	BHAINSDEHI	S-NPP	21.53861	77.96424	13:10:39	D	3.60
17	BHIND	GOHAD	S-NPP	26.43914	78.34974	13:10:39	D	2.80
18	BHIND	GOHAD	S-NPP	26.47725	78.48685	13:10:39	D	7.80
19	BHIND	LAHAR	S-NPP	25.99836	78.82004	13:10:39	D	3.20
20	BHIND	LAHAR	S-NPP	26.00309	78.80580	13:10:39	D	4.60
21	BHIND	LAHAR	S-NPP	26.00435	78.79227	13:10:39	D	0.70
22	BHIND	LAHAR	S-NPP	26.00783	78.79153	13:10:39	D	2.00
23	BHIND	LAHAR	S-NPP	26.11547	78.87478	13:10:39	D	5.20
24	BHIND	LAHAR	S-NPP	26.11636	78.87181	13:10:39	D	4.40
25	BHIND	LAHAR	S-NPP	26.13075	78.85123	13:10:39	D	2.80
26	BHIND	LAHAR	S-NPP	26.22906	78.96631	13:10:39	D	1.60
27	BHOPAL	HUZUR	AQUA	23.10600	77.43600	13:59:29	D	9.50
28	CHHINDWARA	AMARWARA	S-NPP	22.20463	79.15933	13:10:39	D	2.00
29	CHHINDWARA	CHAURAI	S-NPP	21.93179	79.18593	13:10:39	D	3.60

30	CHHINDWARA	CHAURAI	S-NPP	22.02055	79.26614	13:10:39	D	2.40
31	CHHINDWARA	CHAURAI	S-NPP	22.02939	79.20976	13:10:39	D	2.20
32	CHHINDWARA	CHAURAI	S-NPP	22.10320	79.32785	13:10:39	D	2.80
33	DAMOH	DAMOH	S-NPP	23.82230	79.57903	13:10:39	D	3.30
34	DAMOH	JABERA	S-NPP	23.65016	79.87077	13:10:39	D	1.90
35	DAMOH	PATHARIA	S-NPP	23.98769	79.39224	02:00:40	N	1.10
36	DAMOH	TENDUKHERA	S-NPP	23.37690	79.51358	13:10:39	D	4.20
37	DAMOH	TENDUKHERA	S-NPP	23.47863	79.36404	13:10:39	D	2.40
38	DATIA	BHANDER	S-NPP	25.63161	78.69211	13:10:39	D	5.00
39	DATIA	BHANDER	S-NPP	25.76393	78.70284	13:10:39	D	2.20
40	DATIA	BHANDER	S-NPP	25.87415	78.73334	13:10:39	D	3.50
41	DATIA	BHANDER	S-NPP	25.87488	78.73427	13:10:39	D	2.70
42	DATIA	DATIA	S-NPP	25.56149	78.32808	13:10:39	D	6.20
43	DATIA	DATIA	S-NPP	25.64789	78.51431	13:10:39	D	2.90
44	DATIA	DATIA	S-NPP	25.66426	78.69157	13:10:39	D	3.20
45	DATIA	DATIA	S-NPP	25.70425	78.34264	13:10:39	D	1.90
46	DATIA	DATIA	S-NPP	25.71155	78.39531	13:10:39	D	4.50
47	DATIA	DATIA	S-NPP	25.71370	78.39600	13:10:39	D	3.50
48	DATIA	DATIA	S-NPP	25.78773	78.46279	13:10:39	D	3.90
49	DATIA	DATIA	S-NPP	25.81342	78.42072	13:10:39	D	3.40
50	DATIA	DATIA	S-NPP	25.81751	78.40739	13:10:39	D	3.50
51	DATIA	DATIA	S-NPP	25.81820	78.40594	13:10:39	D	2.50
52	DATIA	DATIA	AQUA	25.62600	78.31900	13:59:29	D	9.00
53	DATIA	DATIA	AQUA	25.76100	78.56300	13:59:29	D	9.20
54	DATIA	DATIA	AQUA	25.78000	78.43800	13:59:29	D	7.20
55	DATIA	DATIA	AQUA	25.78100	78.51100	13:59:29	D	8.30
56	DATIA	SEONDHA	S-NPP	25.86644	78.56100	13:10:39	D	4.00
57	DATIA	SEONDHA	S-NPP	25.86673	78.58353	13:10:39	D	2.80
58	DATIA	SEONDHA	S-NPP	25.90579	78.49374	13:10:39	D	6.50
59	DATIA	SEONDHA	S-NPP	25.90931	78.49299	13:10:39	D	6.50
60	DATIA	SEONDHA	S-NPP	25.92138	78.49953	13:10:39	D	2.00
61	DATIA	SEONDHA	S-NPP	25.94457	78.63463	13:10:39	D	2.10
62	DATIA	SEONDHA	S-NPP	26.00870	78.67131	13:10:39	D	4.80

63	DATIA	SEONDHA	S-NPP	26.08237	78.70041	13:10:39	D	2.40
64	DATIA	SEONDHA	AQUA	25.86700	78.52900	13:59:29	D	11.40
65	DHAR	KUKSHI	S-NPP	22.10213	74.77427	13:10:39	D	7.80
66	GUNA	ARON	S-NPP	24.25289	77.50379	13:10:39	D	7.40
67	GUNA	ARON	S-NPP	24.29558	77.43694	13:10:39	D	4.10
68	GUNA	ARON	S-NPP	24.37400	77.58921	13:10:39	D	3.30
69	GUNA	ARON	S-NPP	24.39840	77.35912	13:10:39	D	4.40
70	GUNA	ARON	S-NPP	24.42515	77.48466	13:10:39	D	10.30
71	GUNA	ARON	S-NPP	24.48227	77.45972	13:10:39	D	9.10
72	GUNA	ARON	AQUA	24.40600	77.49900	13:59:29	D	5.00
73	GUNA	GUNA	S-NPP	24.51221	77.37953	02:00:40	N	0.50
74	GUNA	GUNA	S-NPP	24.57456	77.43167	13:10:39	D	2.50
75	GUNA	GUNA	S-NPP	24.66639	77.11767	02:00:40	N	3.70
76	GUNA	GUNA	S-NPP	24.67212	77.07887	02:00:40	N	0.80
77	GUNA	GUNA	S-NPP	24.70063	77.14033	13:10:39	D	3.80
78	GUNA	GUNA	S-NPP	24.73816	77.09700	13:10:39	D	7.00
79	GUNA	GUNA	S-NPP	24.99250	76.99290	13:10:39	D	5.60
80	GUNA	GUNA	S-NPP	25.03984	76.99338	02:00:40	N	0.90
81	GUNA	GUNA	S-NPP	25.04277	76.97898	13:10:39	D	5.20
82	GUNA	GUNA	AQUA	24.52700	77.43600	13:59:29	D	4.90
83	GUNA	GUNA	AQUA	24.86100	77.13400	13:59:29	D	15.00
84	GUNA	GUNA	AQUA	24.98800	76.99500	13:59:29	D	5.70
85	GUNA	GUNA	AQUA	25.02500	76.99300	13:59:29	D	5.40
86	GUNA	RAGHOGARH	AQUA	24.33100	77.16600	13:59:29	D	6.80
87	GWALIOR	BHITARWAR	S-NPP	25.78879	78.01618	13:10:39	D	6.80
88	GWALIOR	BHITARWAR	S-NPP	26.06909	78.05451	13:10:39	D	1.90
89	GWALIOR	DABRA	S-NPP	25.81279	78.25591	13:10:39	D	4.10
90	GWALIOR	DABRA	S-NPP	25.85338	78.33994	13:10:39	D	2.70
91	GWALIOR	DABRA	S-NPP	25.86108	78.19424	13:10:39	D	3.30
92	GWALIOR	DABRA	S-NPP	25.86955	78.32726	13:10:39	D	3.70
93	GWALIOR	DABRA	S-NPP	25.87310	78.32651	13:10:39	D	3.70
94	GWALIOR	DABRA	S-NPP	25.92791	78.37586	13:10:39	D	3.60
95	GWALIOR	DABRA	S-NPP	25.93145	78.37511	13:10:39	D	3.60

96	GWALIOR	DABRA	S-NPP	25.98461	78.53249	13:10:39	D	3.60
97	GWALIOR	DABRA	AQUA	25.87700	78.19600	13:59:29	D	17.00
98	GWALIOR	GWALIOR	S-NPP	25.93194	77.76763	13:10:39	D	2.90
99	GWALIOR	GWALIOR	S-NPP	26.23010	78.31433	13:10:39	D	3.60
100	HOSHANGABAD	BABAI	S-NPP	22.70407	78.02699	13:10:39	D	2.20
101	HOSHANGABAD	BABAI	S-NPP	22.73438	77.87085	13:10:39	D	8.40
102	HOSHANGABAD	BABAI	S-NPP	22.78122	78.00057	13:10:39	D	2.40
103	HOSHANGABAD	BABAI	S-NPP	22.84706	77.82862	13:10:39	D	5.00
104	HOSHANGABAD	BABAI	AQUA	22.80900	77.86500	13:59:29	D	8.90
105	HOSHANGABAD	BANKHERI	S-NPP	22.83721	78.57362	13:10:39	D	3.70
106	HOSHANGABAD	BANKHERI	AQUA	22.81200	78.47000	13:59:29	D	6.90
107	HOSHANGABAD	BANKHERI	AQUA	22.85300	78.56700	13:59:29	D	5.50
108	HOSHANGABAD	HOSHANGABAD	S-NPP	22.59900	77.57232	13:10:39	D	2.60
109	HOSHANGABAD	ITARSI	S-NPP	22.64471	77.80341	13:10:39	D	5.70
110	HOSHANGABAD	ITARSI	S-NPP	22.64851	77.80259	13:10:39	D	5.70
111	HOSHANGABAD	ITARSI	AQUA	22.60000	77.82400	13:59:29	D	11.60
112	HOSHANGABAD	SEONI MALWA	S-NPP	22.35566	77.45272	13:10:39	D	9.70
113	HOSHANGABAD	SEONI MALWA	S-NPP	22.39557	77.47190	13:10:39	D	4.90
114	HOSHANGABAD	SEONI MALWA	S-NPP	22.39681	77.43602	13:10:39	D	7.30
115	HOSHANGABAD	SEONI MALWA	S-NPP	22.42614	77.46299	13:10:39	D	4.50
116	HOSHANGABAD	SEONI MALWA	S-NPP	22.50600	77.46077	13:10:39	D	3.00
117	HOSHANGABAD	SEONI MALWA	S-NPP	22.50851	77.56078	13:10:39	D	8.80
118	HOSHANGABAD	SEONI MALWA	S-NPP	22.54201	77.50255	13:10:39	D	4.40
119	HOSHANGABAD	SEONI MALWA	S-NPP	22.54589	77.50172	13:10:39	D	4.40
120	HOSHANGABAD	SEONI MALWA	AQUA	22.43800	77.46700	13:59:29	D	6.40
121	HOSHANGABAD	SEONI MALWA	AQUA	22.44500	77.57300	13:59:29	D	6.10
122	HOSHANGABAD	SEONI MALWA	AQUA	22.46500	77.46200	13:59:29	D	28.90
123	HOSHANGABAD	SEONI MALWA	AQUA	22.46600	77.47200	13:59:29	D	8.00
124	HOSHANGABAD	SEONI MALWA	AQUA	22.56700	77.40900	13:59:29	D	11.60
125	HOSHANGABAD	SEONI MALWA	AQUA	22.56800	77.41900	13:59:29	D	10.20
126	JABALPUR	JABALPUR	AQUA	23.03700	79.94300	13:59:29	D	6.60
127	JABALPUR	MAJHOULI	S-NPP	23.46488	79.87714	13:10:39	D	9.50
128	JABALPUR	PATAN	S-NPP	23.30671	79.76289	13:10:39	D	5.40

129	JABALPUR	PATAN	S-NPP	23.36406	79.77743	13:10:39	D	3.60
130	JABALPUR	SAHPURA	S-NPP	22.97907	79.64564	13:10:39	D	4.90
131	JABALPUR	SAHPURA	AQUA	23.18400	79.65700	13:59:29	D	7.60
132	JABALPUR	SIHORA	S-NPP	23.42786	80.26480	13:10:39	D	3.40
133	KATNI	BAHURIBAND	S-NPP	23.64292	79.99756	13:10:39	D	2.50
134	KATNI	BAHURIBAND	S-NPP	23.69433	80.28825	13:10:39	D	4.20
135	KATNI	BAHURIBAND	S-NPP	23.69540	80.23077	13:10:39	D	7.70
136	MORENA	JORA	S-NPP	26.42530	77.85902	13:10:39	D	2.20
137	MORENA	KAILARAS	S-NPP	26.29776	77.54442	13:10:39	D	3.50
138	MORENA	SABALGARH	S-NPP	26.25375	77.38416	13:10:39	D	3.40
139	NARSHIMAPURA	GADARWARA	S-NPP	22.92138	78.62319	13:10:39	D	5.90
140	NARSHIMAPURA	GOTECAON	S-NPP	22.97697	79.61153	13:10:39	D	3.50
141	NARSHIMAPURA	GOTECAON	S-NPP	23.09331	79.56825	13:10:39	D	2.90
142	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.85192	79.28076	13:10:39	D	1.90
143	PANNA	PANNA	S-NPP	24.50825	80.42883	13:10:39	D	4.70
144	PANNA	PANNA	S-NPP	24.51264	80.45615	13:10:39	D	3.50
145	RAISEN	BAGAMGANJ	AQUA	23.55200	78.29200	13:59:29	D	6.80
146	RAISEN	GAIRATGANJ	S-NPP	23.40749	78.17599	13:10:39	D	5.00
147	RAISEN	GOHARGANJ	S-NPP	23.00649	77.53030	13:10:39	D	10.40
148	RAISEN	GOHARGANJ	S-NPP	23.02374	77.53738	13:10:39	D	4.30
149	RAISEN	GOHARGANJ	S-NPP	23.15721	77.93185	13:10:39	D	5.70
150	RAISEN	GOHARGANJ	S-NPP	23.22158	77.60313	13:10:39	D	5.90
151	RAISEN	GOHARGANJ	AQUA	23.05300	77.57900	13:59:29	D	7.20
152	SAGAR	DEVRI	S-NPP	23.49453	79.05554	13:10:39	D	4.20
153	SAGAR	DEVRI	S-NPP	23.52777	79.14288	13:10:39	D	2.30
154	SAGAR	RAHAT GARH	S-NPP	23.71930	78.40688	13:10:39	D	2.60
155	SAGAR	REHLI	S-NPP	23.68893	79.04955	13:10:39	D	4.50
156	SAGAR	SAGAR	S-NPP	23.60817	78.84756	13:10:39	D	9.80
157	SAGAR	SAGAR	S-NPP	23.60969	78.84829	13:10:39	D	3.80
158	SAGAR	SAGAR	S-NPP	23.79116	78.84081	13:10:39	D	2.00
159	SAGAR	SAGAR	S-NPP	23.79587	78.62867	13:10:39	D	3.60
160	SATNA	MAIHAR	S-NPP	24.25861	80.96989	13:10:39	D	4.30
161	SATNA	NAGOD	S-NPP	24.50678	80.44119	13:10:39	D	4.80

162	SATNA	NAGOD	S-NPP	24.61693	80.45277	13:10:39	D	2.10
163	SEHORE	BUDHNI	S-NPP	22.73897	77.45562	13:10:39	D	4.10
164	SEHORE	BUDHNI	S-NPP	22.74285	77.45480	13:10:39	D	5.50
165	SEHORE	BUDHNI	AQUA	22.72400	77.46800	13:59:29	D	6.40
166	SEHORE	BUDHNI	AQUA	22.72500	77.47800	13:59:29	D	8.80
167	SEHORE	NASRULLAHGANJ	S-NPP	22.64547	77.38425	13:10:39	D	5.10
168	SEHORE	NASRULLAHGANJ	S-NPP	22.68079	77.29613	13:10:39	D	6.20
169	SEHORE	NASRULLAHGANJ	S-NPP	22.68152	77.29289	13:10:39	D	5.30
170	SEHORE	NASRULLAHGANJ	S-NPP	22.68250	77.29829	13:10:39	D	6.10
171	SEHORE	NASRULLAHGANJ	S-NPP	22.68470	77.29530	13:10:39	D	6.20
172	SEHORE	NASRULLAHGANJ	AQUA	22.64400	77.36000	13:59:29	D	20.20
173	SEONI	GHANSAUR	S-NPP	22.46189	79.88396	13:10:39	D	9.50
174	SEONI	GHANSAUR	S-NPP	22.54698	79.80921	13:10:39	D	5.30
175	SEONI	KEWLARI	S-NPP	22.28753	79.79300	13:10:39	D	12.30
176	SEONI	KEWLARI	S-NPP	22.35768	79.95434	13:10:39	D	3.70
177	SEONI	KEWLARI	S-NPP	22.36332	79.90227	13:10:39	D	5.90
178	SEONI	KEWLARI	S-NPP	22.49465	80.03823	13:10:39	D	2.10
179	SEONI	KEWLARI	AQUA	22.52300	80.00400	13:59:29	D	8.00
180	SEONI	KURAI	S-NPP	21.96004	79.46056	13:10:39	D	4.60
181	SEONI	KURAI	S-NPP	21.97758	79.58580	13:10:39	D	3.30
182	SEONI	LAKHNADOU	S-NPP	22.32702	79.55621	13:10:39	D	3.90
183	SEONI	LAKHNADOU	S-NPP	22.40180	79.63319	13:10:39	D	2.90
184	SEONI	LAKHNADOU	S-NPP	22.47621	79.47582	13:10:39	D	7.60
185	SEONI	LAKHNADOU	S-NPP	22.61124	79.65124	13:10:39	D	1.70
186	SEONI	SEONI	S-NPP	22.02385	79.52078	13:10:39	D	2.40
187	SEONI	SEONI	S-NPP	22.07853	79.41225	13:10:39	D	4.10
188	SEONI	SEONI	S-NPP	22.08588	79.47750	13:10:39	D	1.40
189	SEONI	SEONI	S-NPP	22.10168	79.48879	13:10:39	D	2.90
190	SEONI	SEONI	S-NPP	22.13984	79.37000	13:10:39	D	3.40
191	SEONI	SEONI	S-NPP	22.15123	79.37224	13:10:39	D	3.80
192	SEONI	SEONI	S-NPP	22.15183	79.35420	13:10:39	D	3.50
193	SEONI	SEONI	S-NPP	22.16695	79.52899	13:10:39	D	2.50
194	SEONI	SEONI	S-NPP	22.18502	79.46346	13:10:39	D	4.20

195	SEONI	SEONI	S-NPP	22.19982	79.70167	13:10:39	D	3.50
196	SEONI	SEONI	S-NPP	22.21157	79.59939	13:10:39	D	2.30
197	SEONI	SEONI	S-NPP	22.21508	79.59870	13:10:39	D	2.30
198	SHAJAPUR	KALA PIPAL	S-NPP	23.26044	76.89041	13:10:39	D	1.40
199	SHAJAPUR	KALA PIPAL	S-NPP	23.26158	76.88968	13:10:39	D	1.00
200	SHEOPUR	KARAHAL	S-NPP	25.52989	76.76062	13:10:39	D	15.40
201	SHEOPUR	KARAHAL	S-NPP	25.83039	76.76823	13:10:39	D	6.30
202	SHEOPUR	KARAHAL	AQUA	25.40500	76.88000	13:59:29	D	43.90
203	SHEOPUR	KARAHAL	AQUA	25.41500	76.88900	13:59:29	D	9.30
204	SHEOPUR	KARAHAL	AQUA	25.52400	76.75200	13:59:29	D	7.30
205	SHEOPUR	KARAHAL	AQUA	25.52600	76.76200	13:59:29	D	35.70
206	SHEOPUR	SHEOPUR	S-NPP	25.40739	76.68502	13:10:39	D	3.90
207	SHEOPUR	SHEOPUR	S-NPP	25.46313	76.70341	13:10:39	D	3.30
208	SHEOPUR	SHEOPUR	S-NPP	25.54929	76.68714	13:10:39	D	5.10
209	SHEOPUR	SHEOPUR	S-NPP	25.55315	76.68629	13:10:39	D	5.10
210	SHEOPUR	SHEOPUR	S-NPP	25.58510	76.70679	13:10:39	D	9.40
211	SHEOPUR	SHEOPUR	S-NPP	25.58609	76.71213	13:10:39	D	9.40
212	SHEOPUR	SHEOPUR	S-NPP	25.58708	76.71745	13:10:39	D	14.10
213	SHEOPUR	SHEOPUR	S-NPP	25.59968	76.54623	13:10:39	D	7.00
214	SHEOPUR	SHEOPUR	S-NPP	25.60253	76.54309	13:10:39	D	5.20
215	SHEOPUR	SHEOPUR	S-NPP	25.61806	76.53952	13:10:39	D	3.50
216	SHEOPUR	SHEOPUR	S-NPP	25.65442	76.58212	13:10:39	D	3.40
217	SHEOPUR	SHEOPUR	S-NPP	25.67950	76.56508	13:10:39	D	25.90
218	SHEOPUR	SHEOPUR	S-NPP	25.69750	76.53127	13:10:39	D	8.20
219	SHEOPUR	SHEOPUR	S-NPP	25.69773	76.53265	13:10:39	D	10.40
220	SHEOPUR	SHEOPUR	S-NPP	25.71455	76.49323	13:10:39	D	10.20
221	SHEOPUR	SHEOPUR	S-NPP	25.71487	76.66901	13:10:39	D	3.40
222	SHEOPUR	SHEOPUR	S-NPP	25.73614	76.69748	13:10:39	D	7.50
223	SHEOPUR	SHEOPUR	S-NPP	25.74004	76.71873	13:10:39	D	22.40
224	SHEOPUR	SHEOPUR	S-NPP	25.75447	76.72496	13:10:39	D	4.40
225	SHEOPUR	SHEOPUR	S-NPP	25.76869	76.56577	13:10:39	D	2.40
226	SHEOPUR	SHEOPUR	S-NPP	25.80982	76.65698	13:10:39	D	6.20
227	SHEOPUR	SHEOPUR	S-NPP	25.88450	76.75304	13:10:39	D	6.50

228	SHEOPUR	SHEOPUR	S-NPP	25.91160	76.83420	13:10:39	D	2.30
229	SHEOPUR	SHEOPUR	S-NPP	25.93730	76.84462	13:10:39	D	4.00
230	SHEOPUR	SHEOPUR	AQUA	25.50300	76.60500	13:59:29	D	26.80
231	SHEOPUR	SHEOPUR	AQUA	25.54000	76.54200	13:59:29	D	6.90
232	SHEOPUR	SHEOPUR	AQUA	25.60900	76.70100	13:59:29	D	36.30
233	SHEOPUR	SHEOPUR	AQUA	25.61000	76.71100	13:59:29	D	38.80
234	SHEOPUR	SHEOPUR	AQUA	25.61600	76.61300	13:59:29	D	8.00
235	SHEOPUR	SHEOPUR	AQUA	25.61700	76.62200	13:59:29	D	12.00
236	SHEOPUR	SHEOPUR	AQUA	25.61900	76.57200	13:59:29	D	7.90
237	SHEOPUR	SHEOPUR	AQUA	25.63500	76.67900	13:59:29	D	14.60
238	SHEOPUR	SHEOPUR	AQUA	25.69700	76.72900	13:59:29	D	11.60
239	SHEOPUR	SHEOPUR	AQUA	25.70100	76.69800	13:59:29	D	10.50
240	SHEOPUR	SHEOPUR	AQUA	25.73200	76.71600	13:59:29	D	13.50
241	SHEOPUR	SHEOPUR	AQUA	25.73400	76.66600	13:59:29	D	7.80
242	SHEOPUR	SHEOPUR	AQUA	25.86100	76.65600	13:59:29	D	6.70
243	SHIVPURI	KARERA	S-NPP	25.50890	78.26009	13:10:39	D	2.60
244	SHIVPURI	KOLARAS	S-NPP	25.10938	77.82754	13:10:39	D	2.80
245	SHIVPURI	KOLARAS	S-NPP	25.16530	77.66300	13:10:39	D	4.80
246	SHIVPURI	NARWAR	S-NPP	25.66895	78.29797	13:10:39	D	3.20
247	SHIVPURI	NARWAR	S-NPP	25.70569	78.18383	13:10:39	D	5.70
248	VIDESHA	KORWAI	S-NPP	24.13502	77.92278	13:10:39	D	2.20
249	VIDESHA	KORWAI	S-NPP	24.20738	78.07075	13:10:39	D	4.70
250	VIDESHA	LETERI	S-NPP	24.33109	77.40013	13:10:39	D	1.00
251	VIDESHA	NATERAN	S-NPP	23.80524	77.83977	13:10:39	D	4.70
252	VIDESHA	VIDESHA	S-NPP	23.47410	77.92288	13:10:39	D	2.00
253	VIDESHA	VIDESHA	S-NPP	23.50233	77.61003	13:10:39	D	7.90
254	WEST NIMAR	BARWAH	S-NPP	22.08873	75.95799	13:10:39	D	1.70
255	WEST NIMAR	BARWAH	S-NPP	22.15594	75.81019	13:10:39	D	6.40
256	WEST NIMAR	BHAGWANPURA	S-NPP	21.68481	75.64910	13:10:39	D	3.30

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 / 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](#)
