



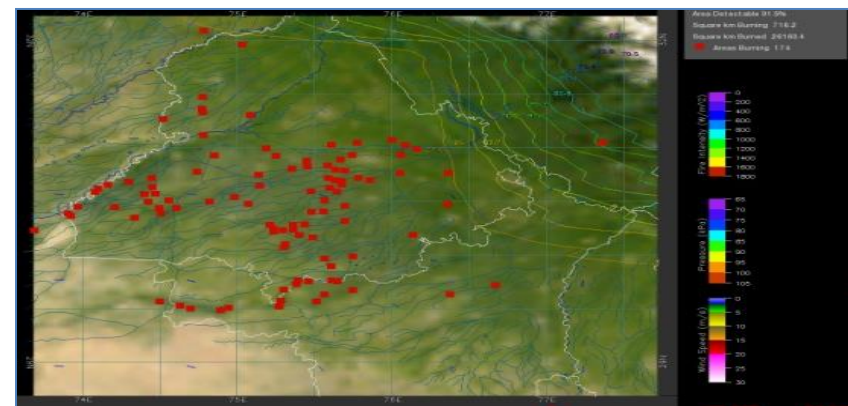
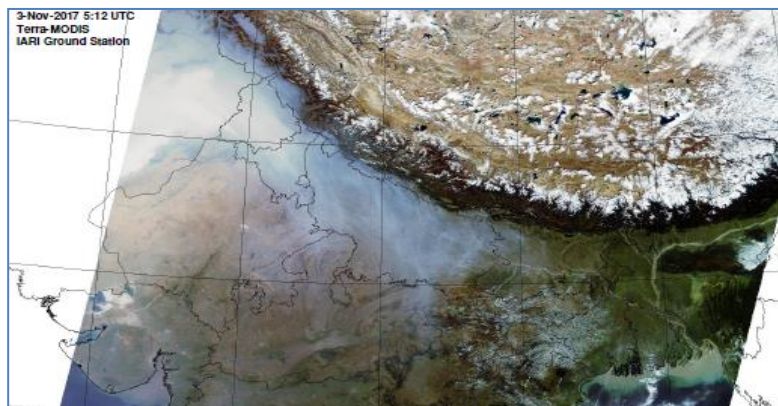
**Bulletin
No. 42**

**Events Date:
26-Oct-2023**

**Issued on:
26-Oct-2023**



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



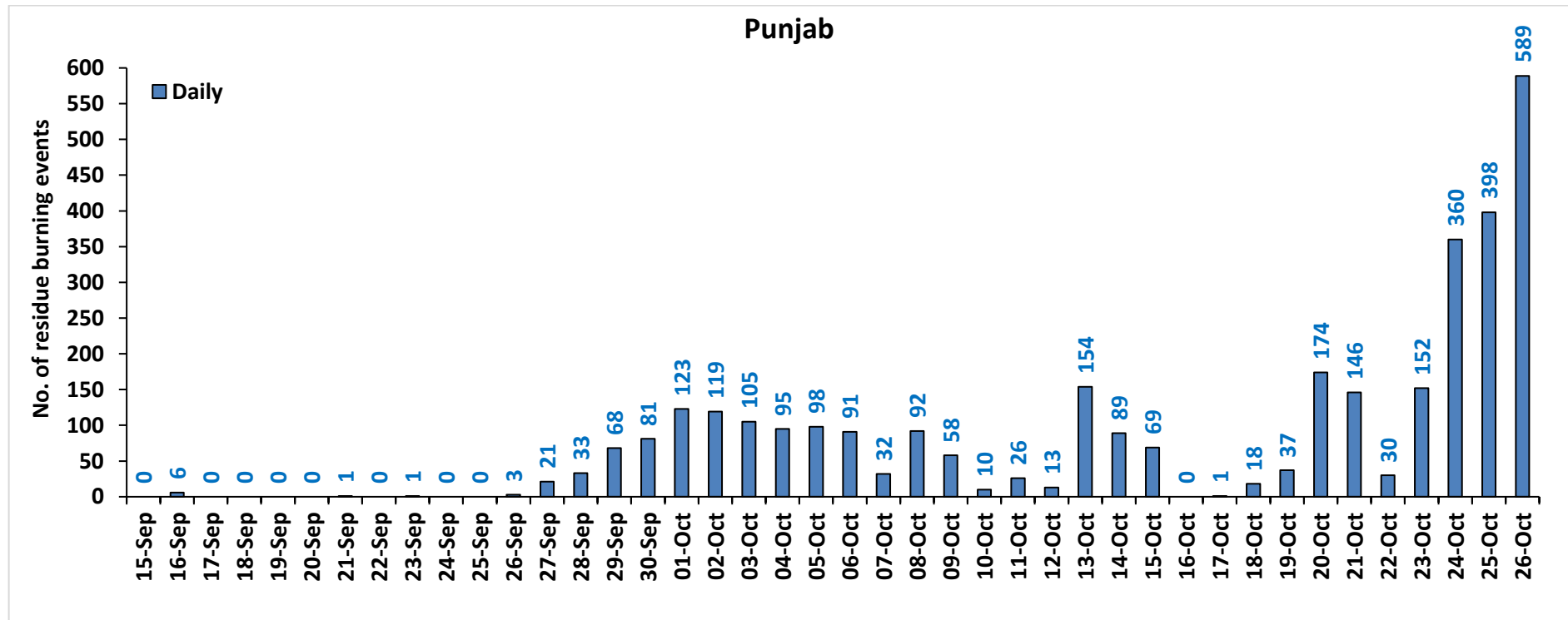
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

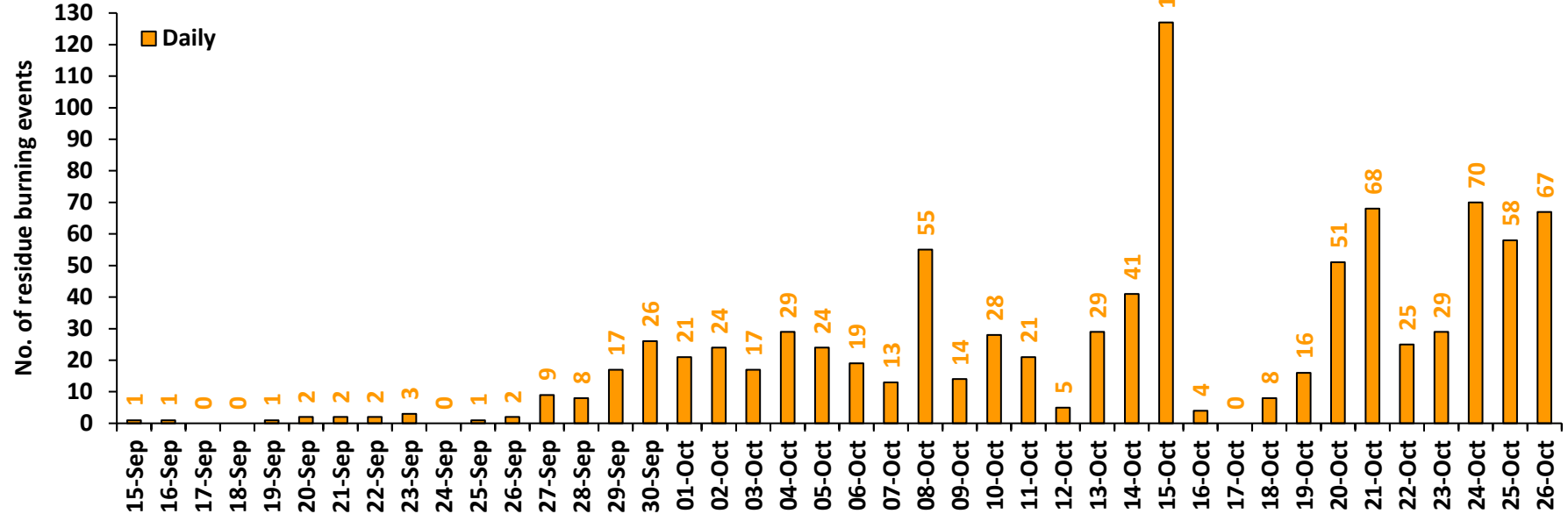
Highlights for 26-Oct-2023

- 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 **1113** residue burning events in the six study States on 26-Oct-2023.
- The state wise events detected on 26-Oct-2023 were **589** in Punjab, **67** in Haryana, **78** in UP, **00** in Delhi, **59** in Rajasthan and **320** in MP.
- Total **7136** burning events were detected in the six states between 15-Sept-2023 and 26-Oct-2023, which are distributed as **3293**, **938**, **706**, **02**, **616** and **1581** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

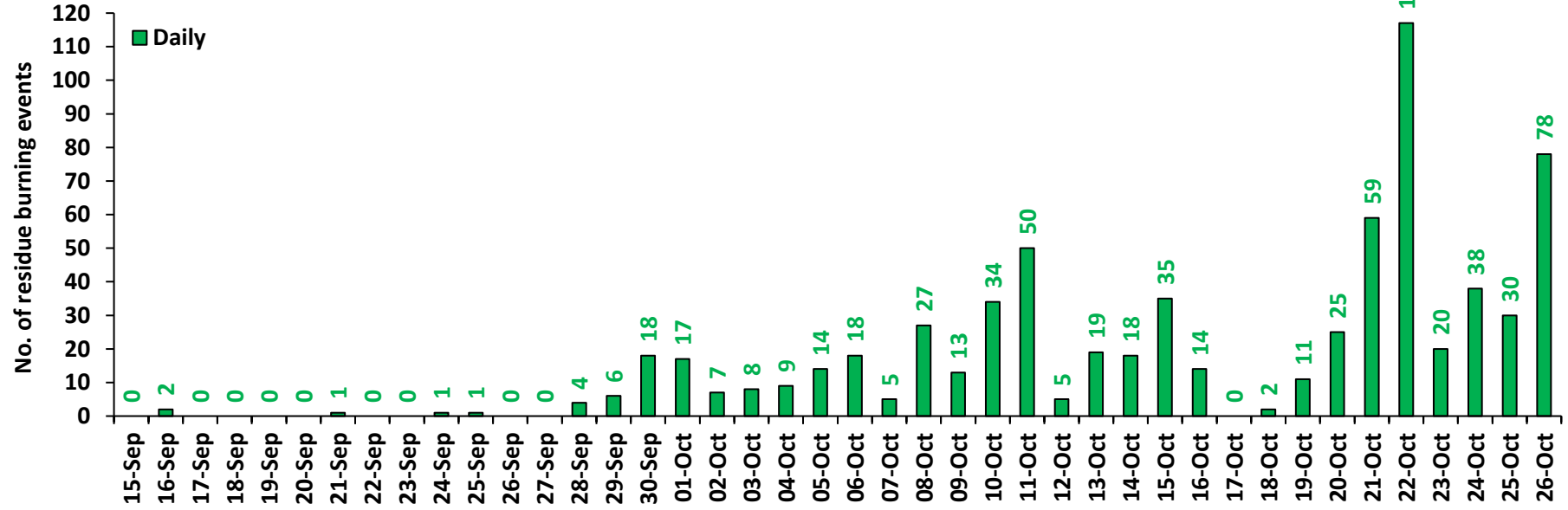
Temporal distribution of rice residue burning events for the study States in 2023



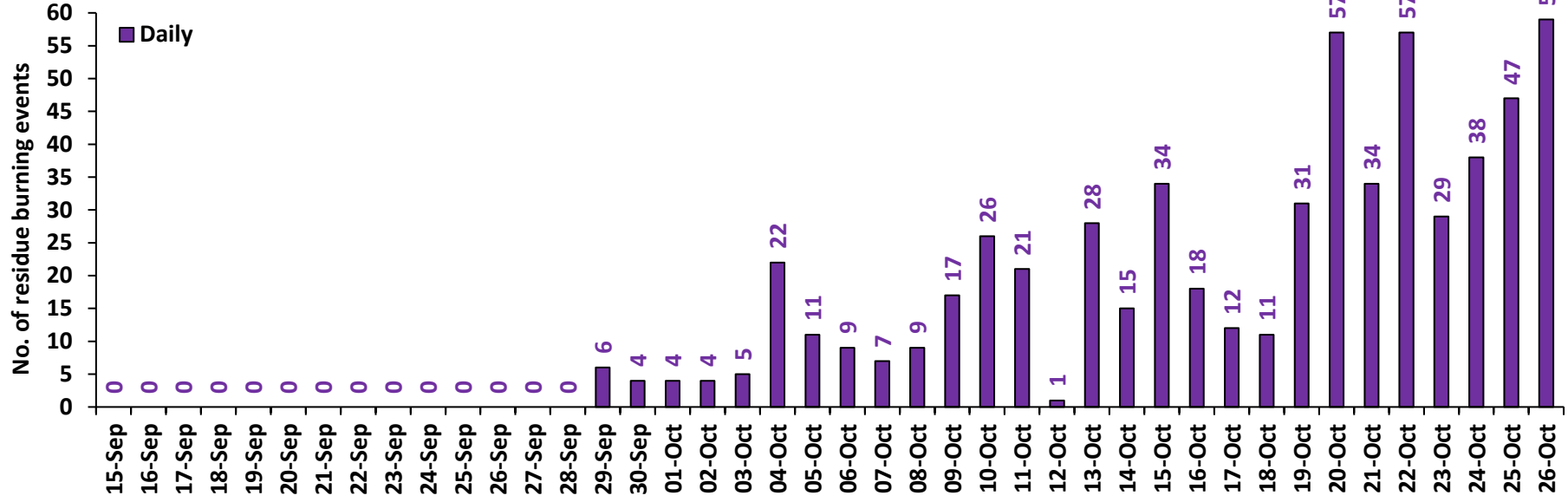
Haryana



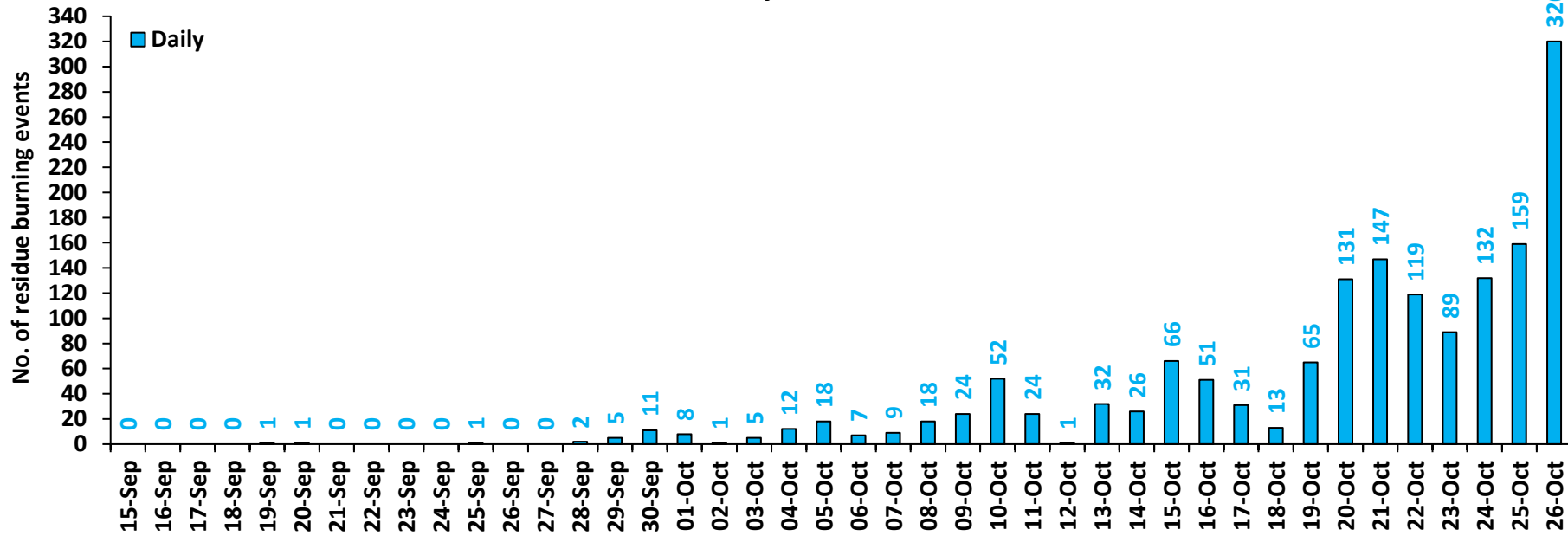
Uttar Pradesh



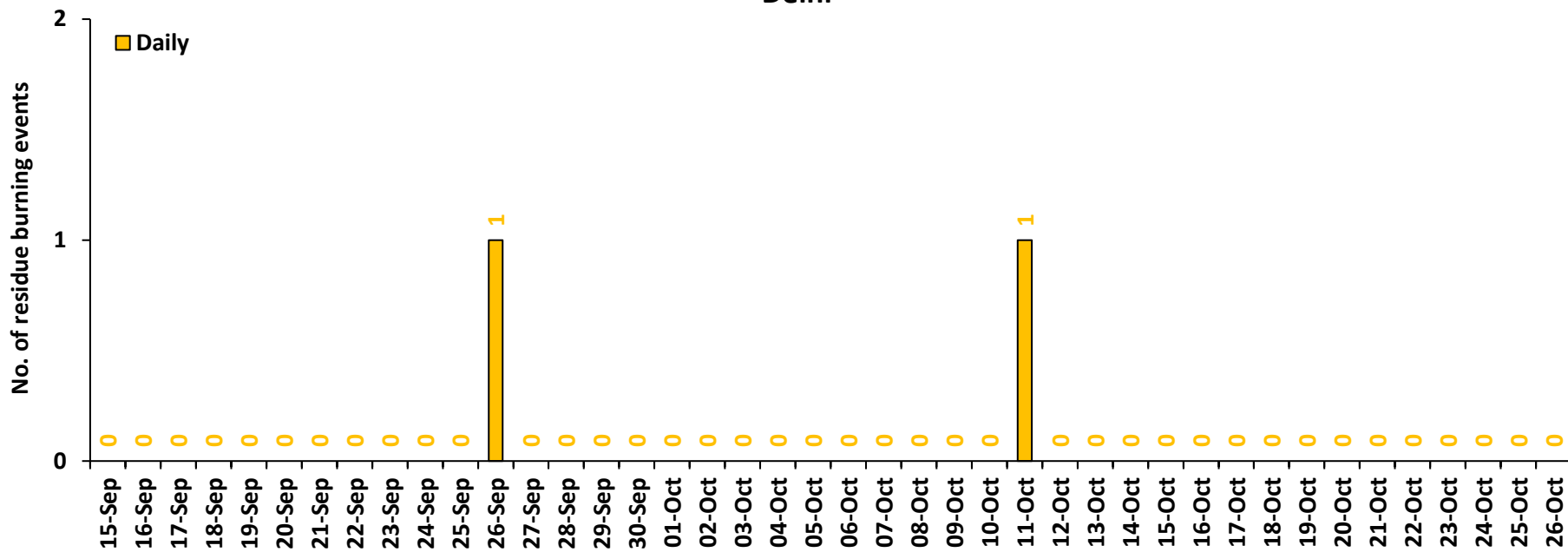
Rajasthan



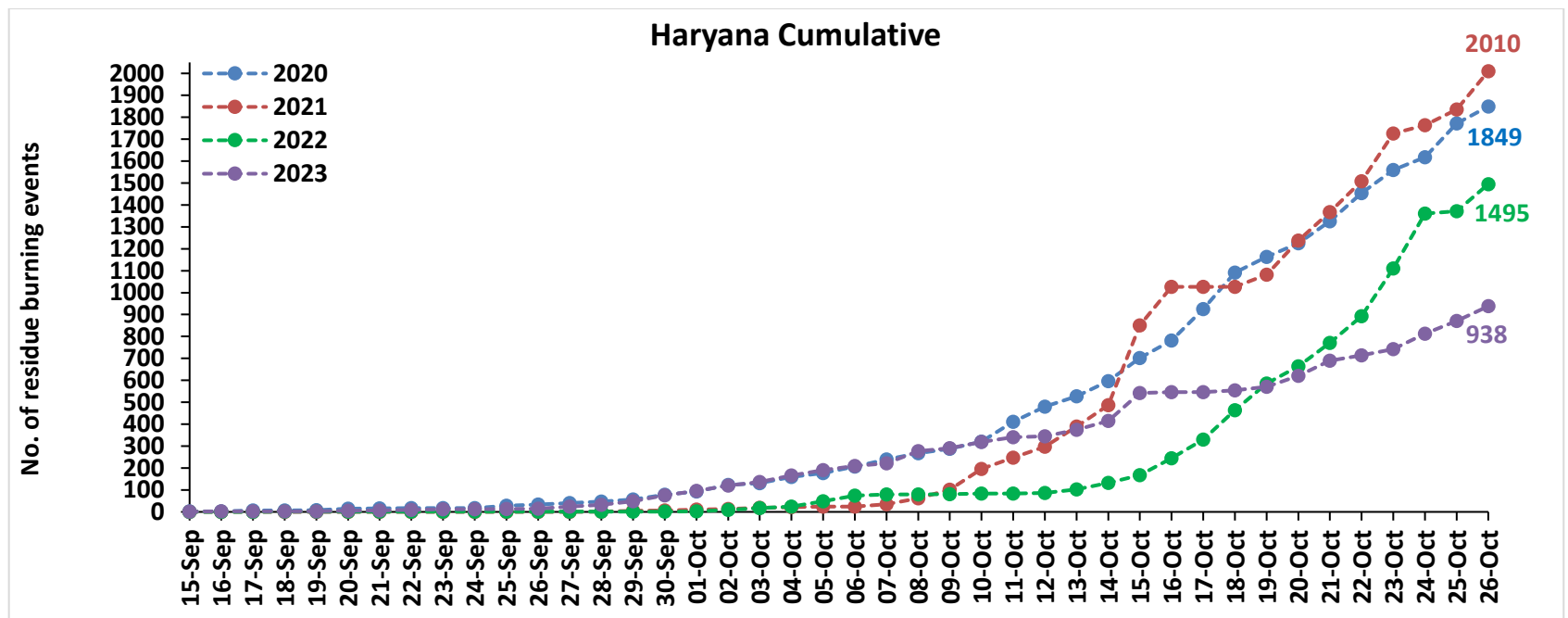
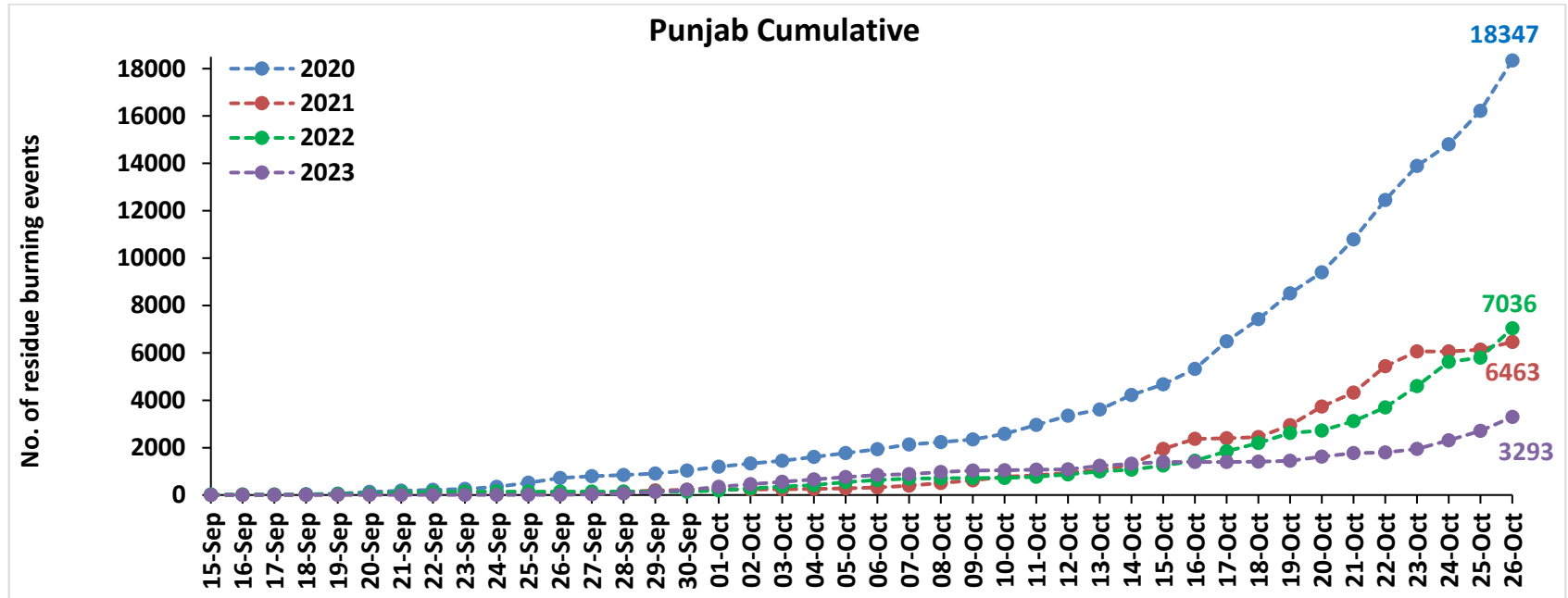
Madhya Pradesh

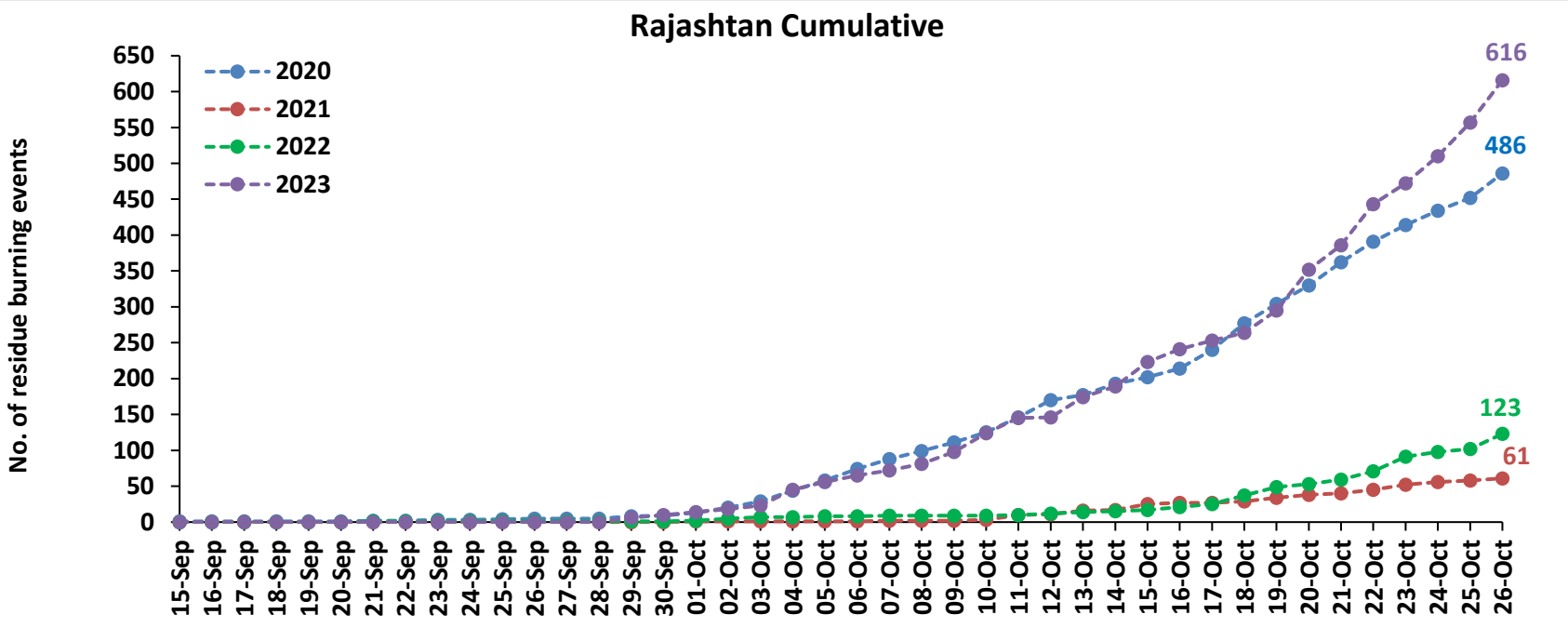
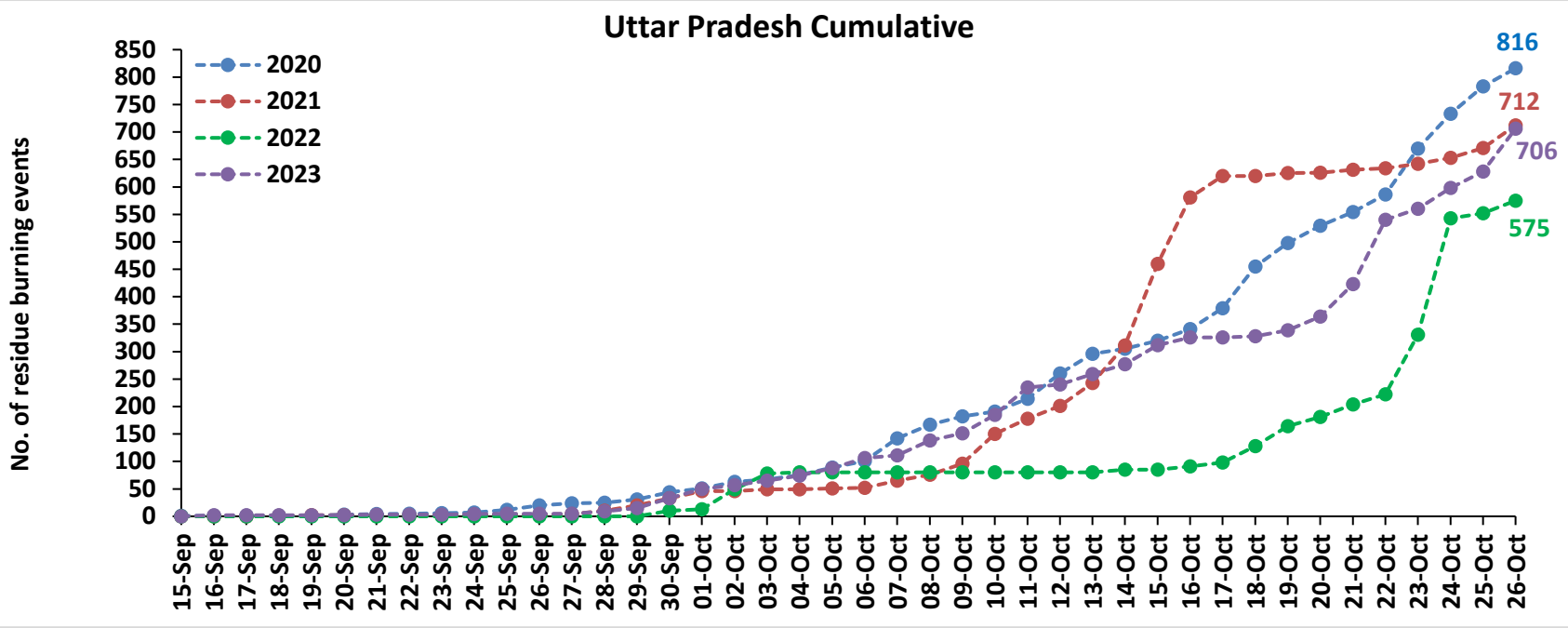


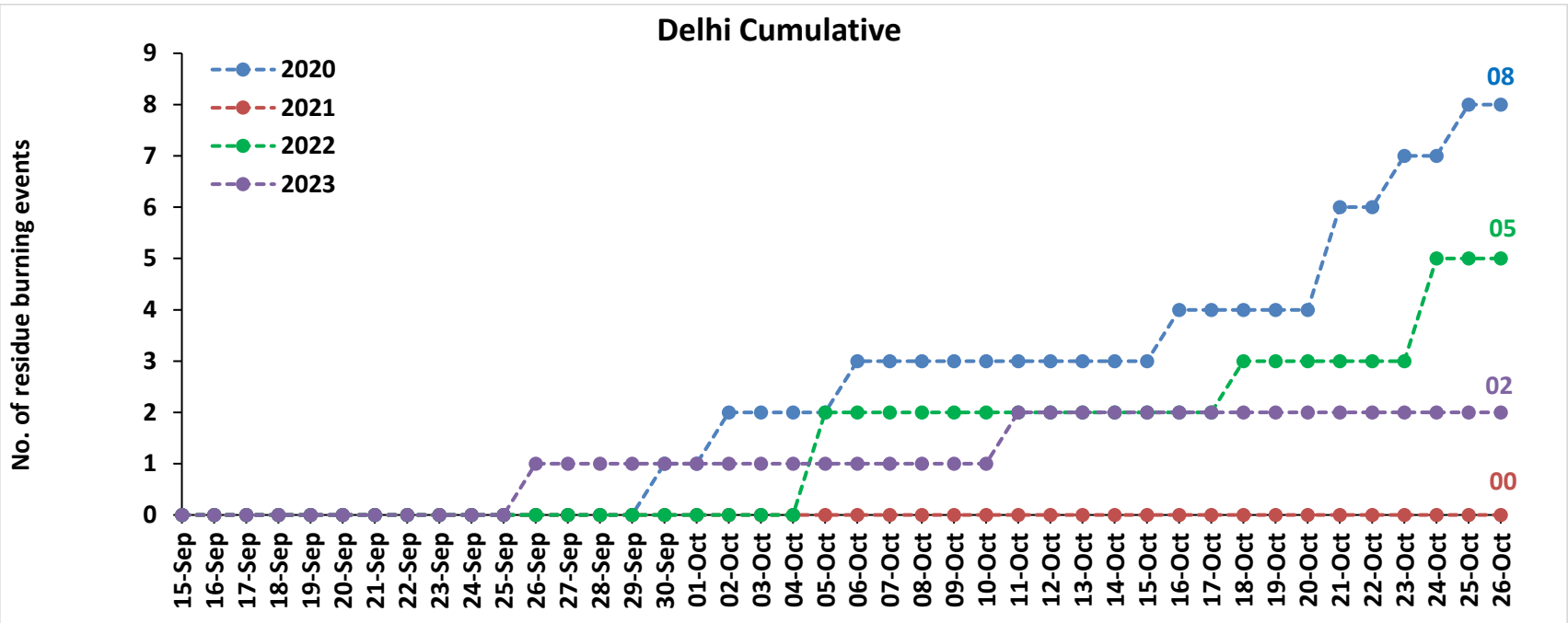
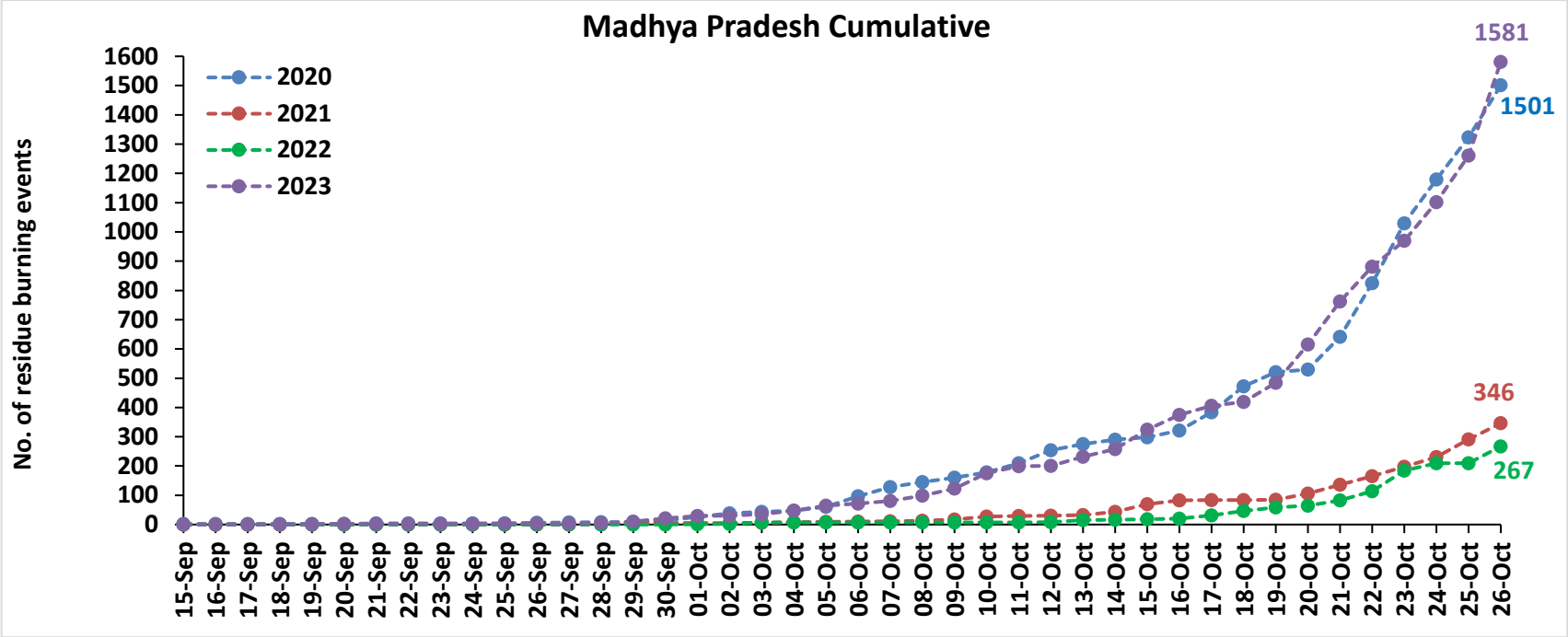
Delhi



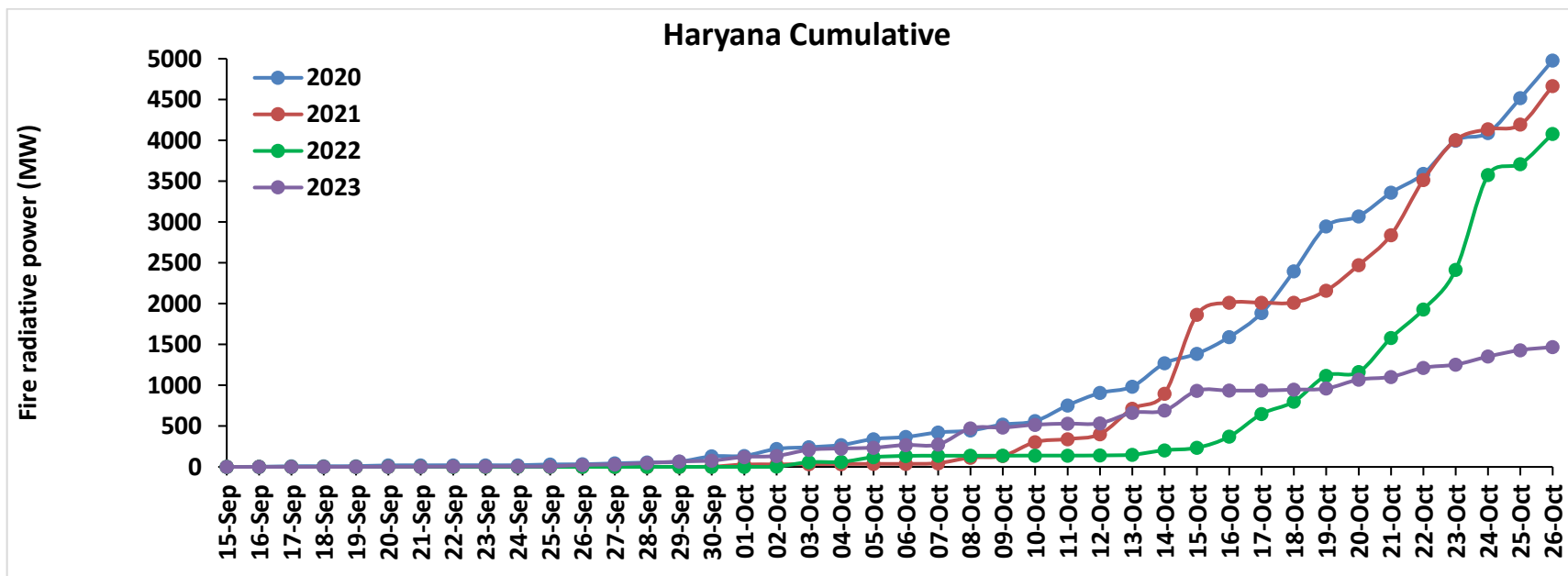
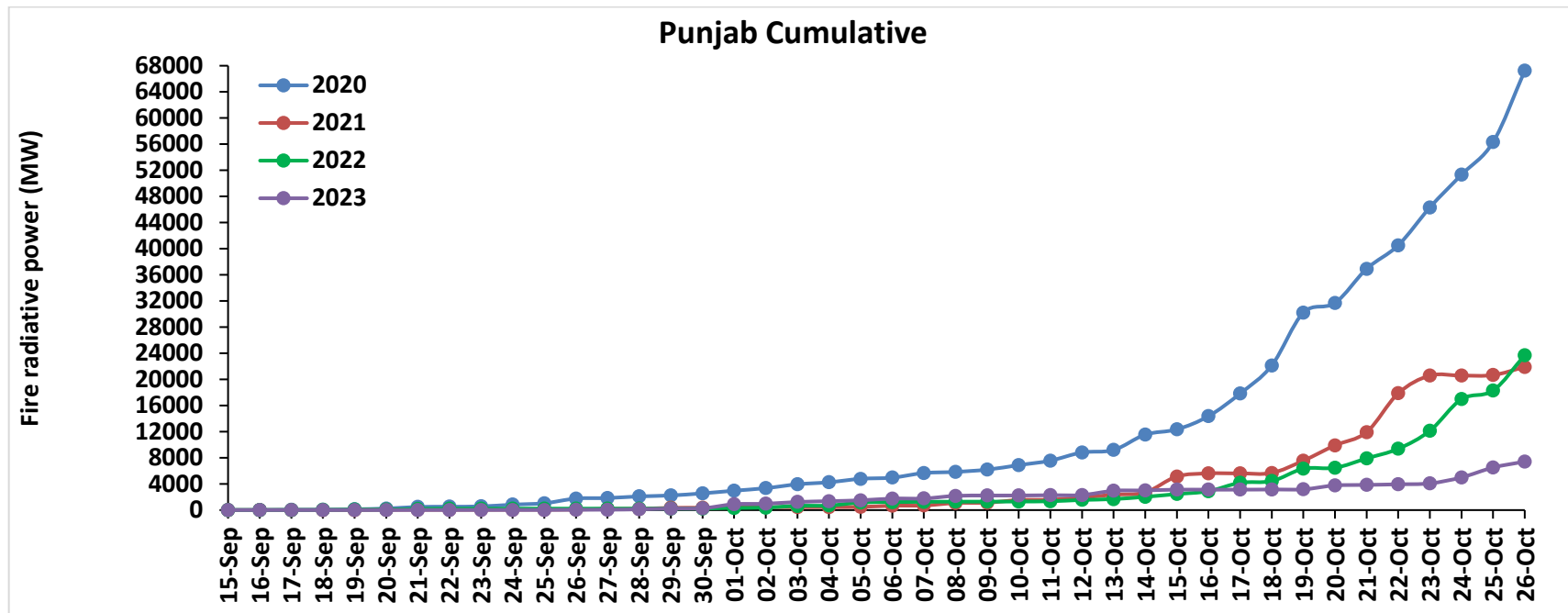
Comparison of residue burning events in current year (2023) with previous years (2020, 2021 and 2022) for the study State



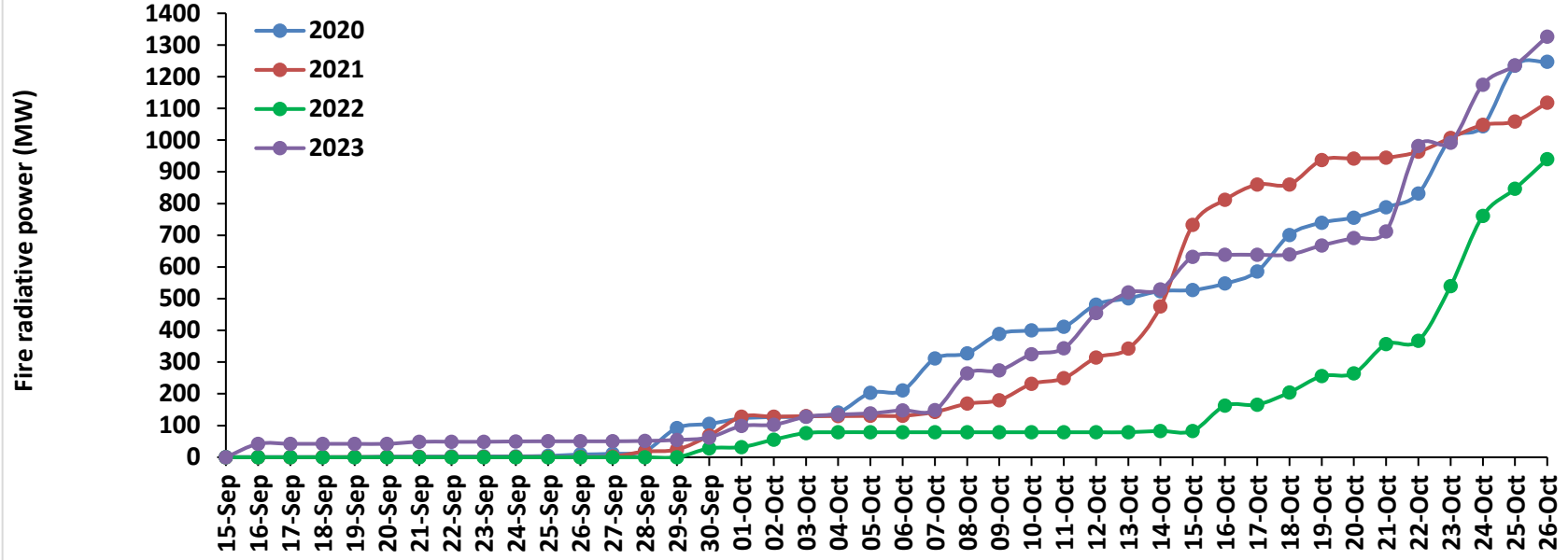




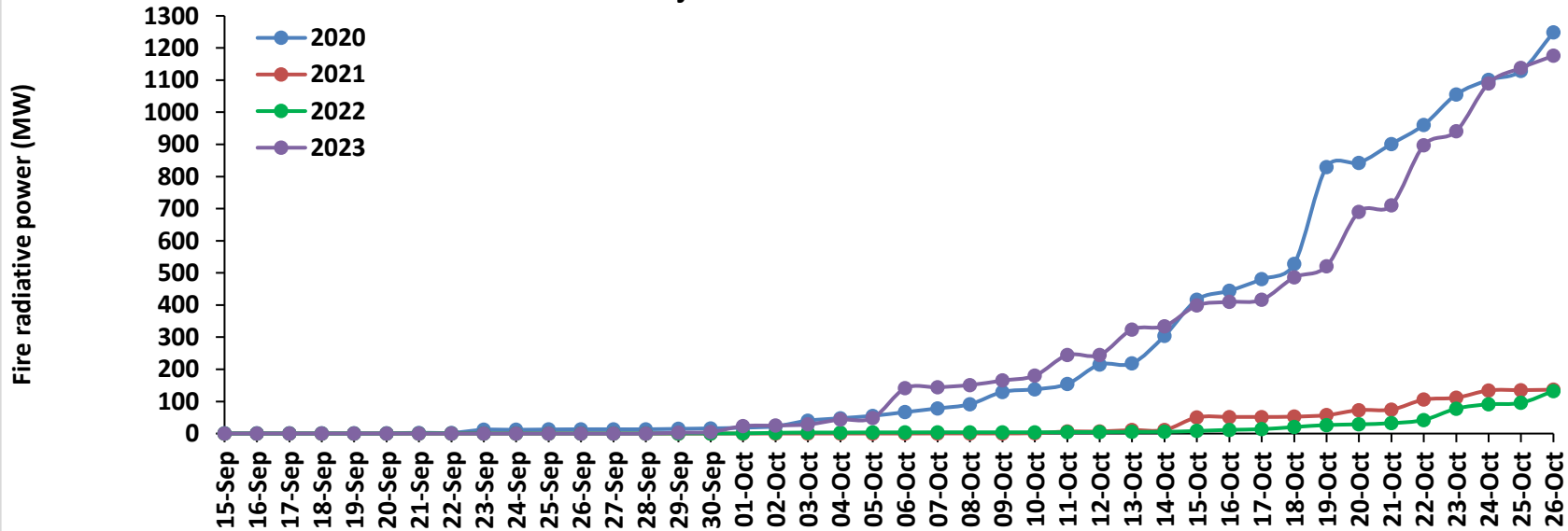
Comparison of residue burning fire power in current year (2023) with previous years (2020, 2021 and 2022) for the study States

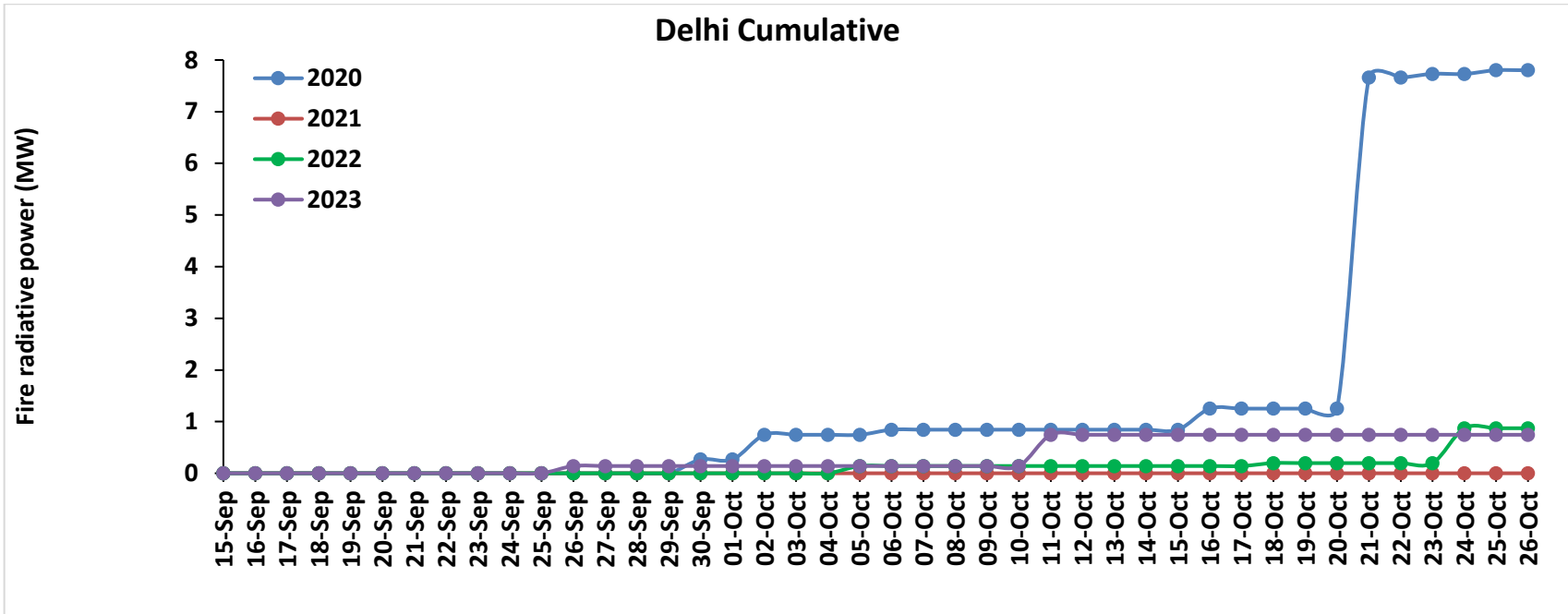
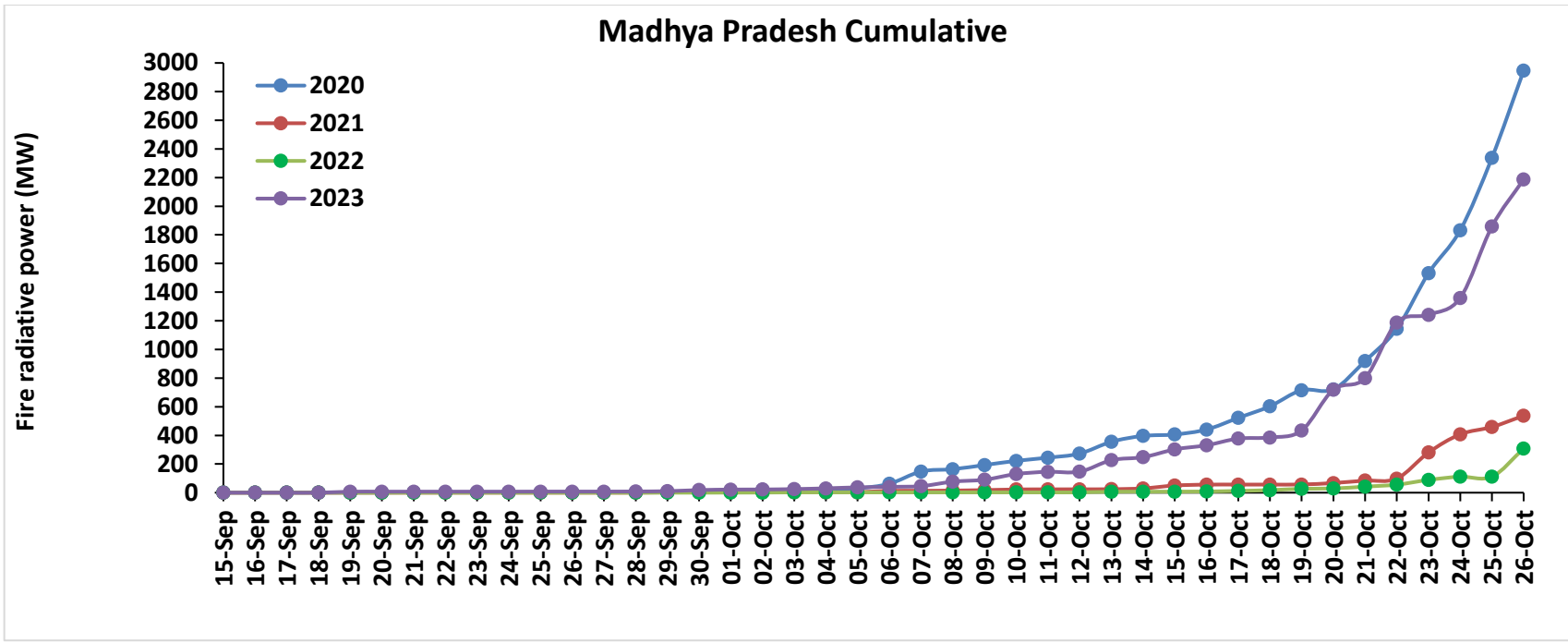


Uttar Pradesh Cumulative



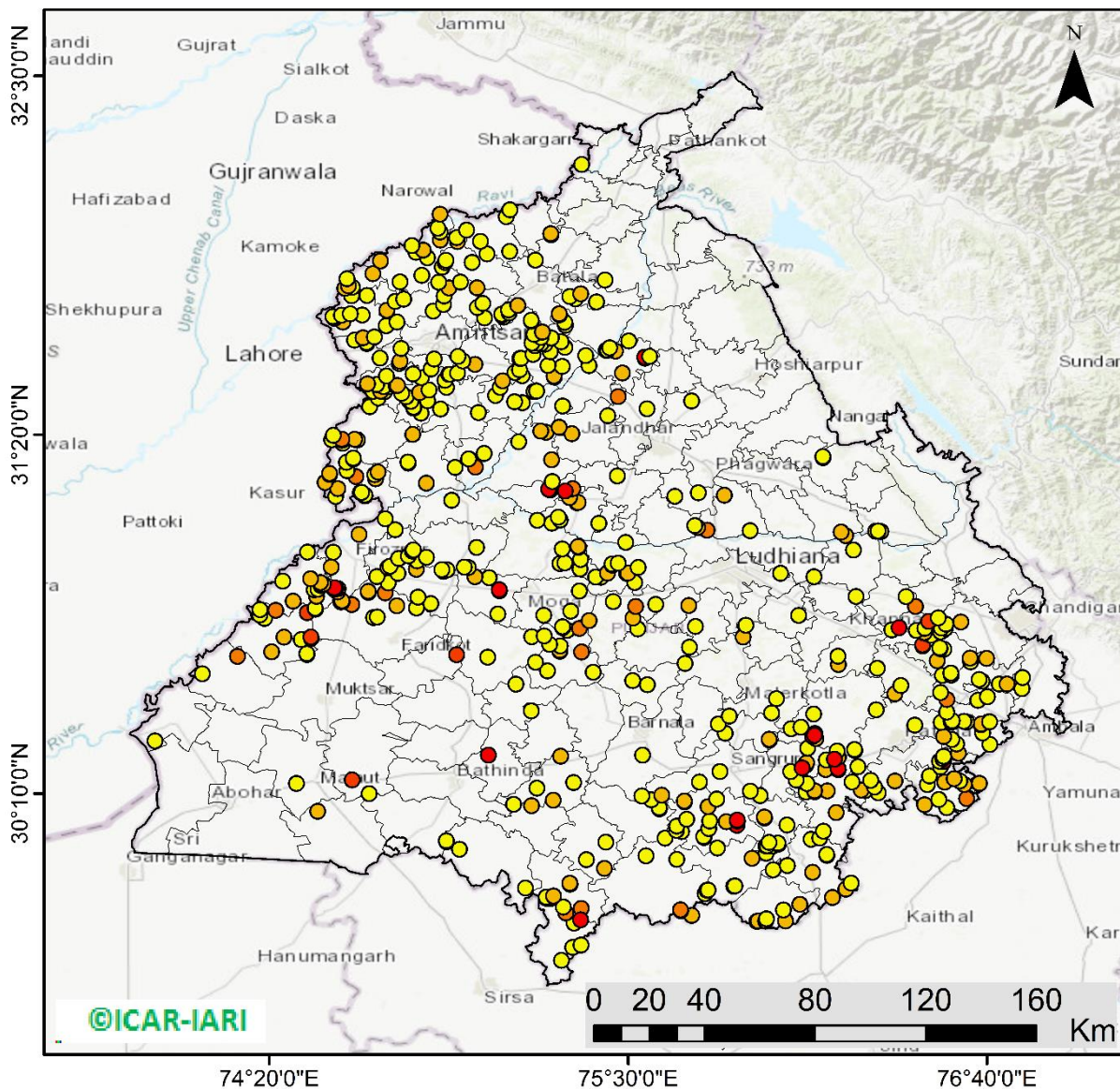
Rajasthan Cumulative





Punjab

RICE RESIDUE BURNING IN PUNJAB



589 burning events detected in Punjab during (26th Oct 2023)

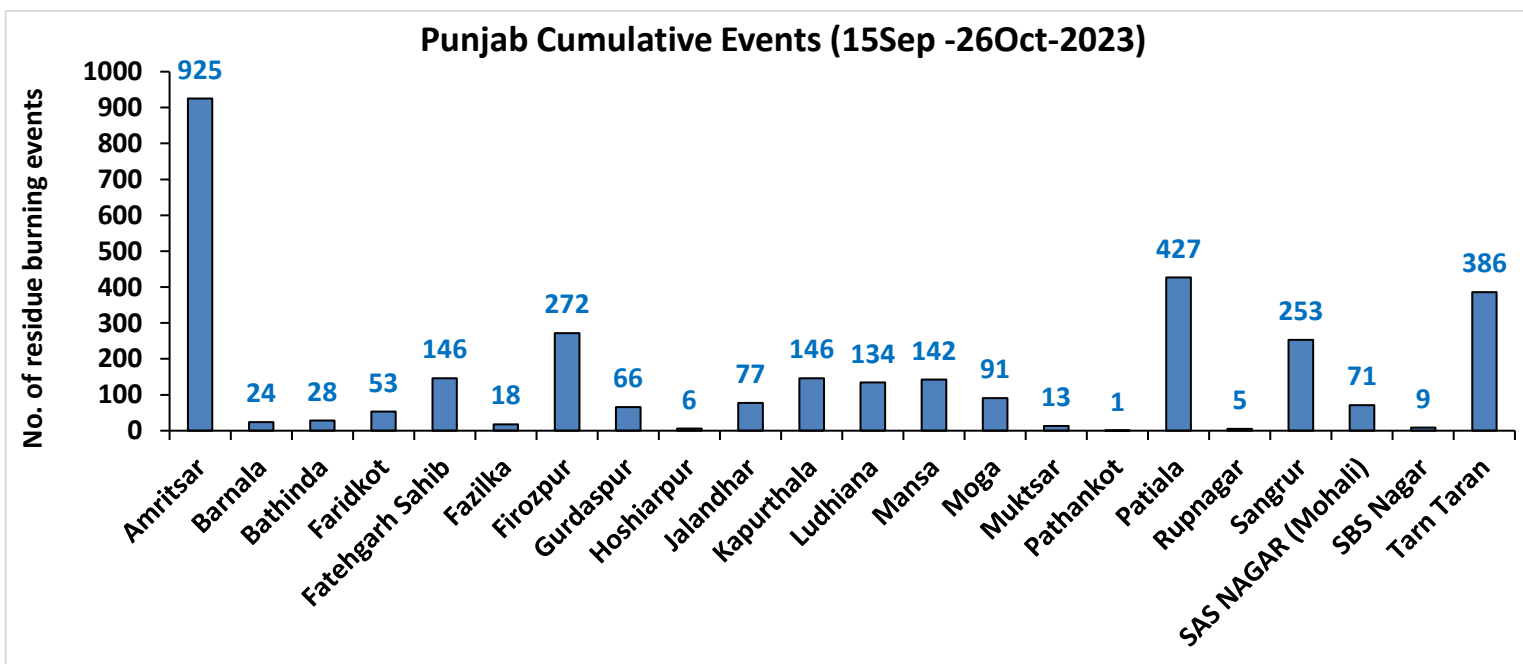
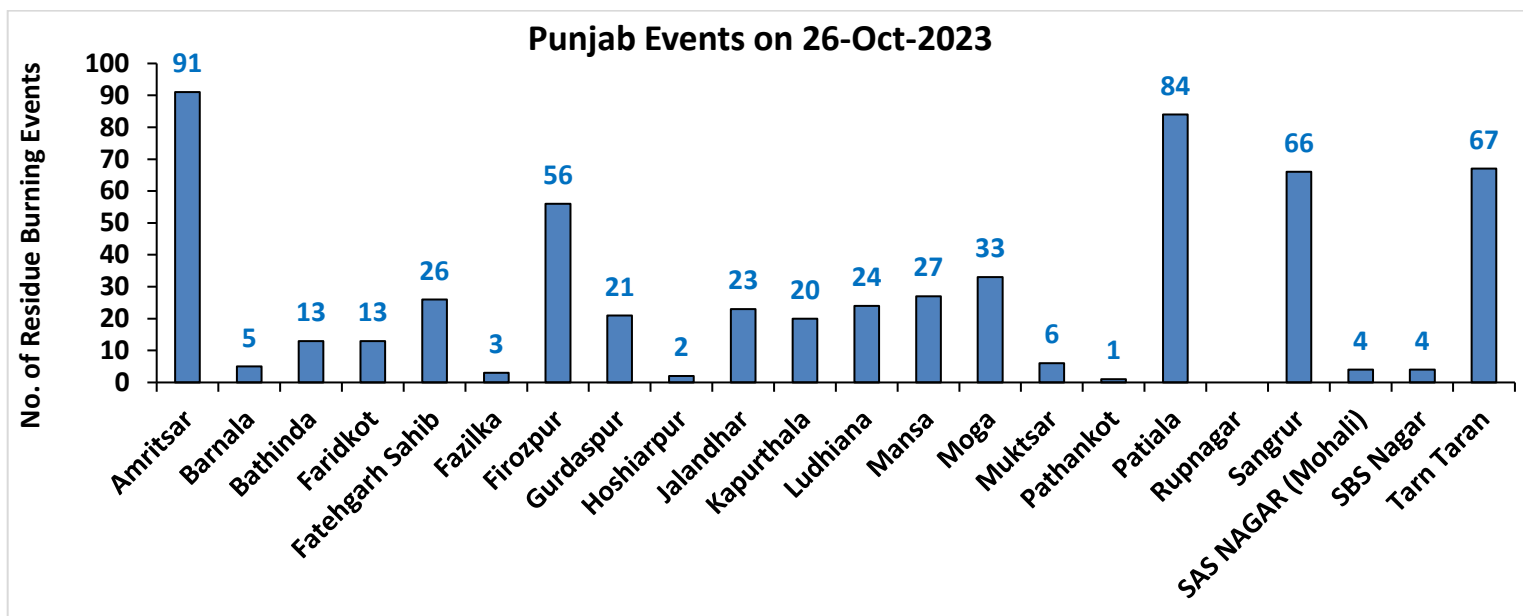
Fire Intensity (W/m²)

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



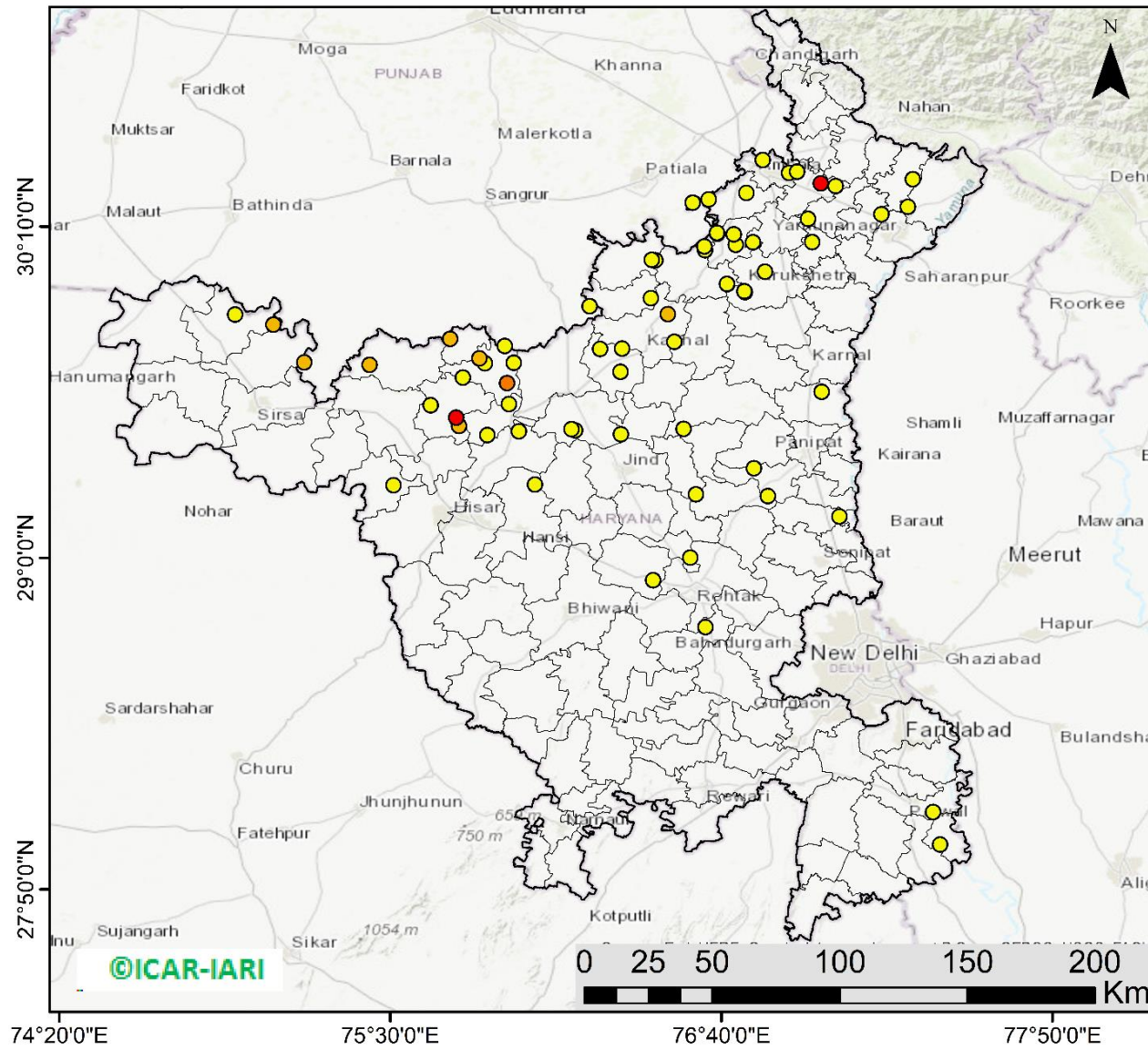
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Punjab (15Sep- 26Oct-2023)



Haryana

RICE RESIDUE BURNING IN HARYANA



67 burning events detected in Haryana on (26th Oct 2023)

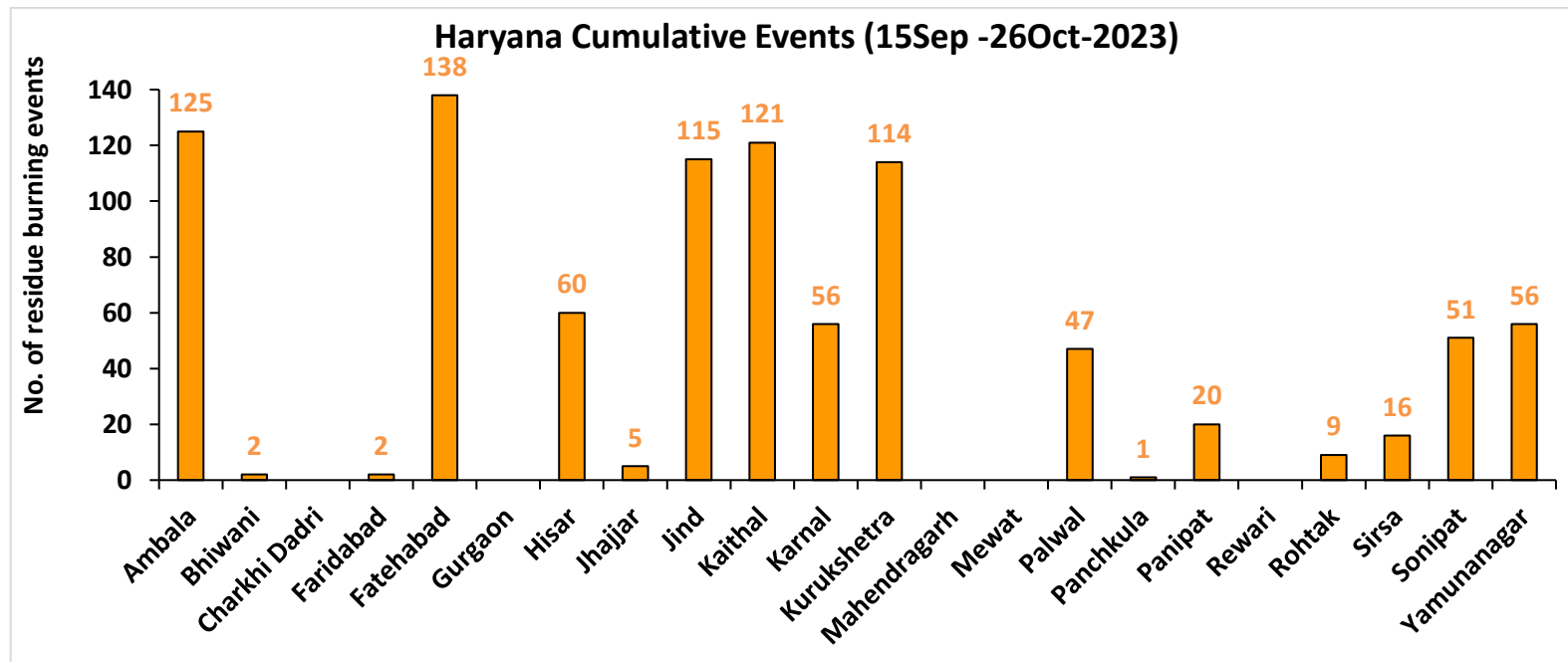
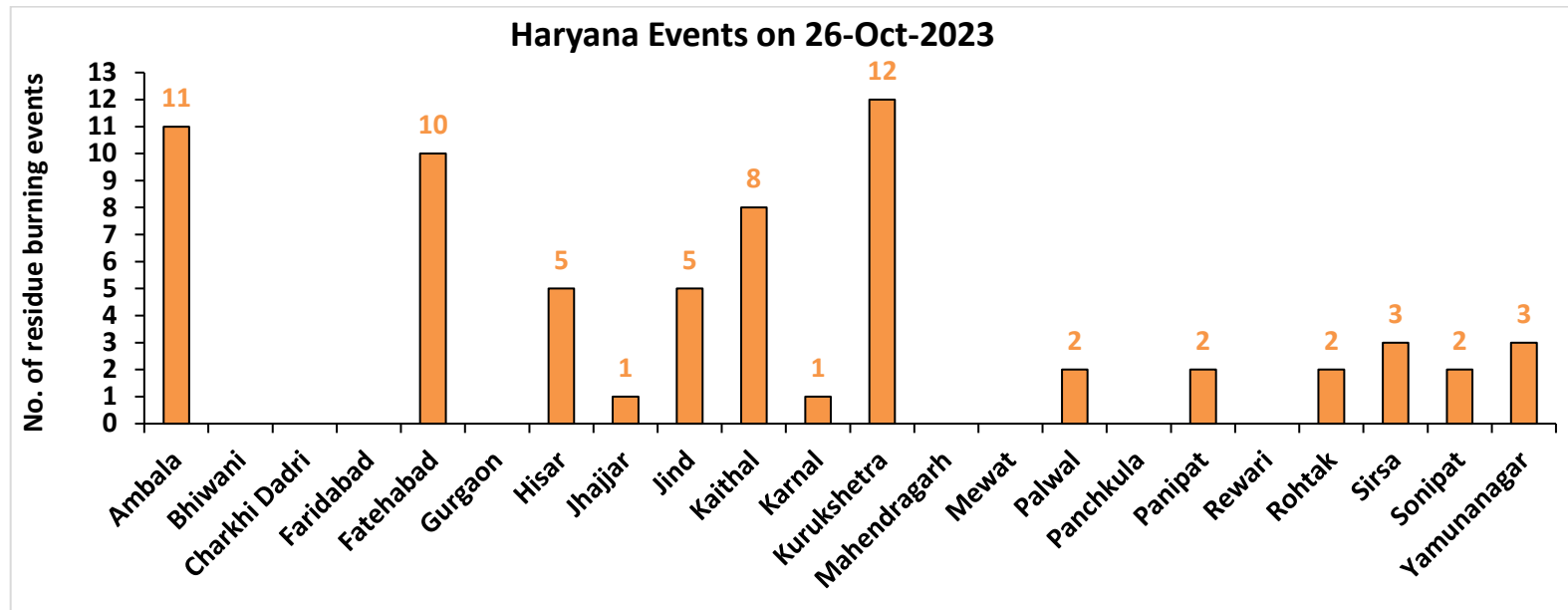
Fire Intensity (W/m²)

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



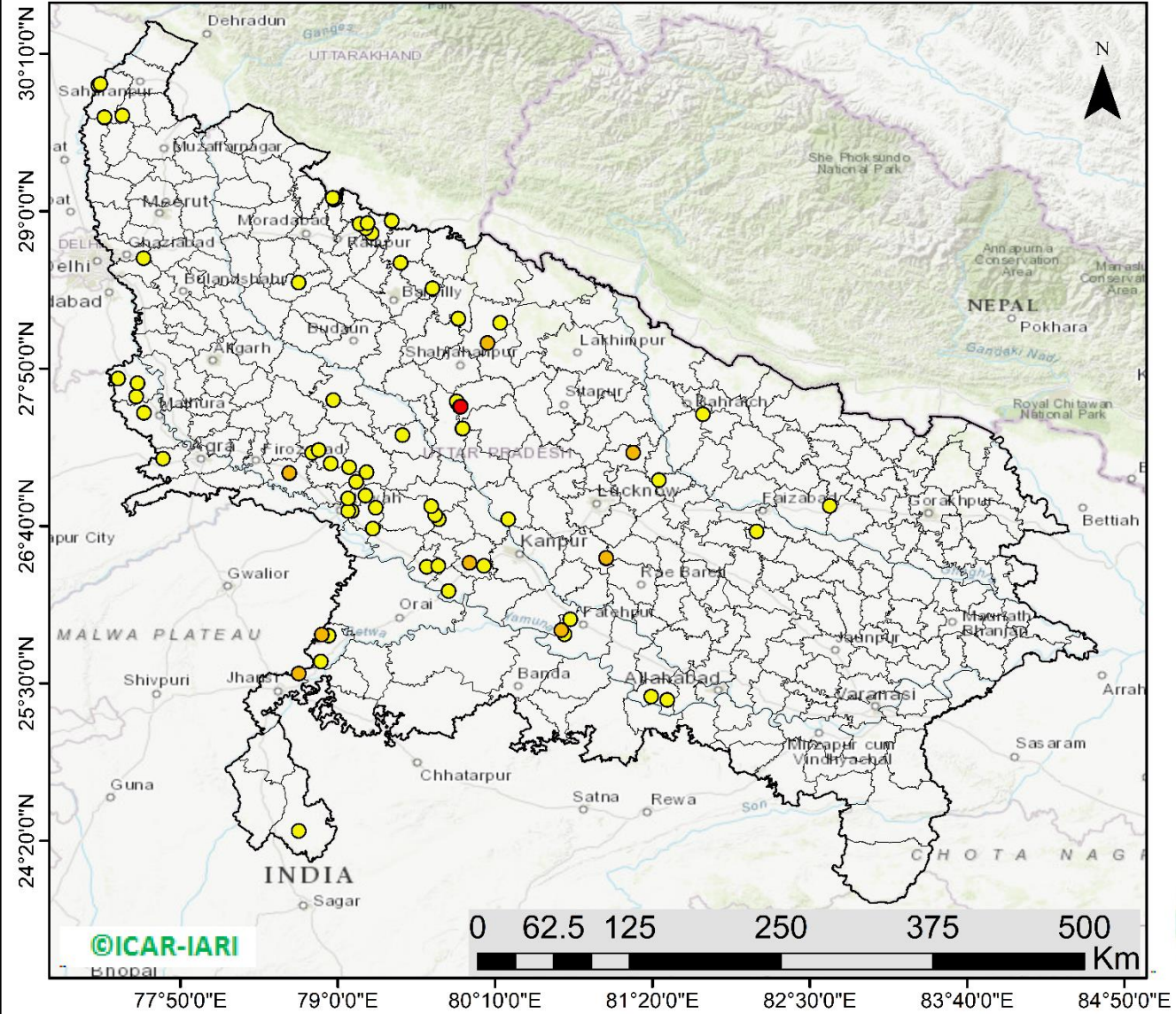
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Haryana (15Sep-26Oct -2023)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



78 burning events detected in Uttar Pradesh on (26th Oct 2023)

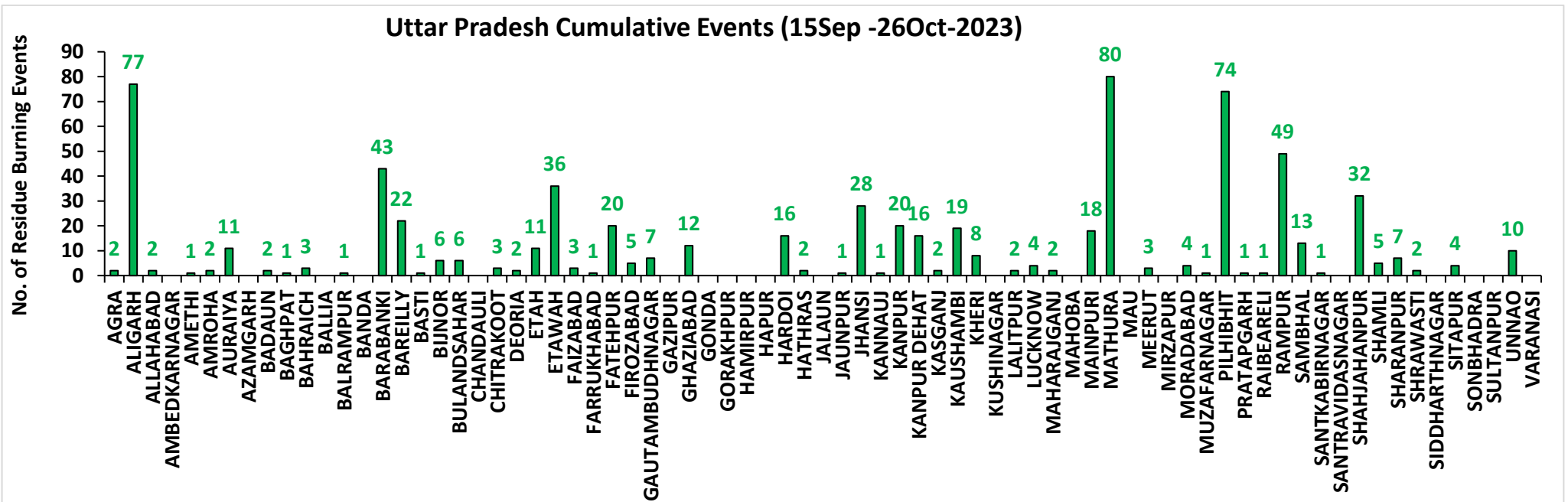
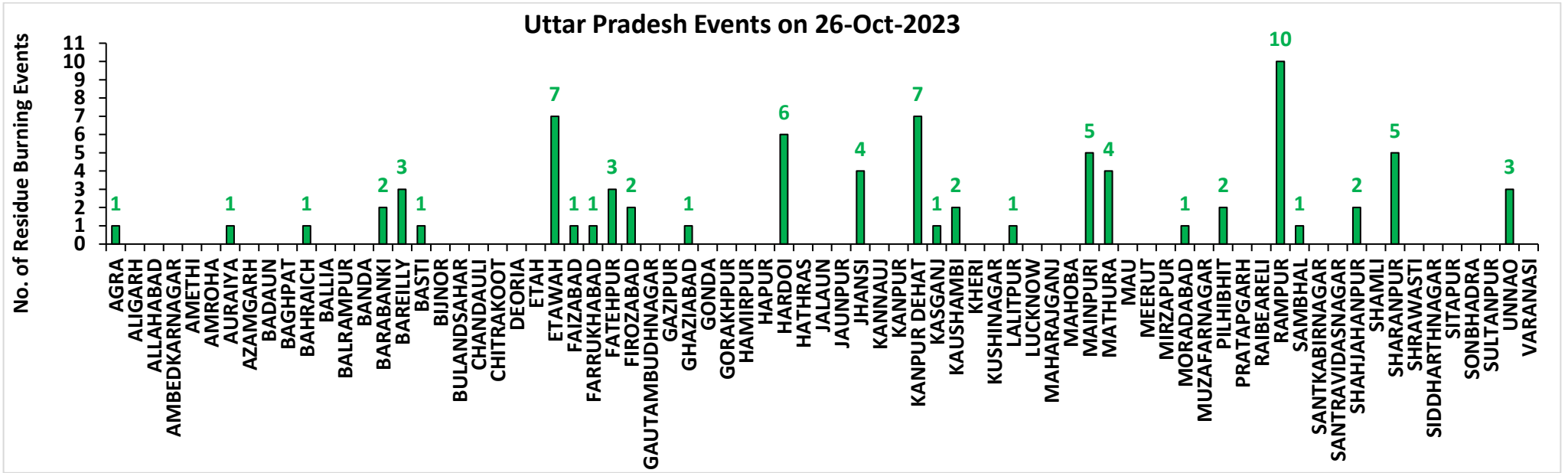
Fire Intensity (W/m²)

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



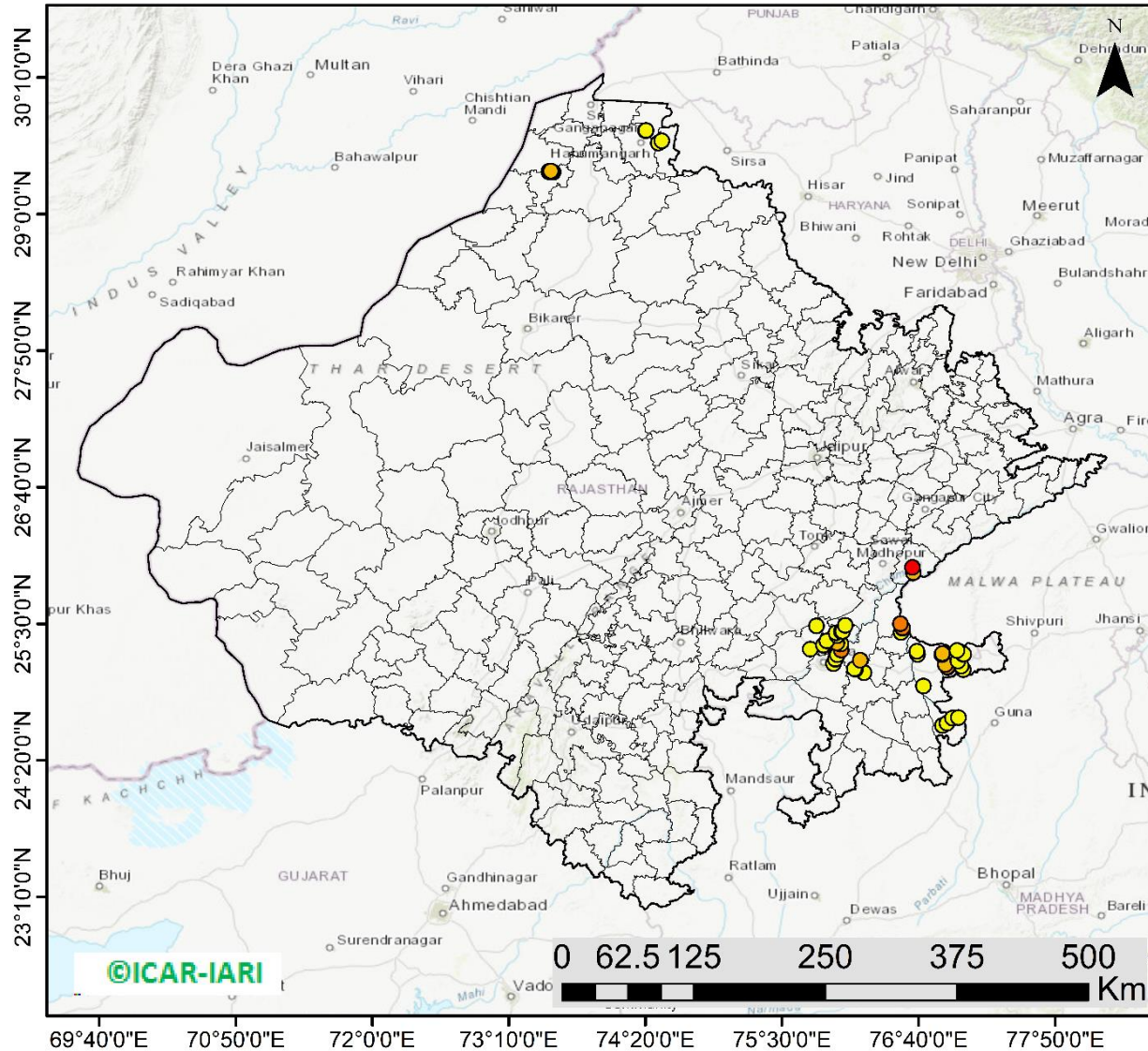
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-26Oct -2023)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



59 burning events
detected in Rajasthan on
(26th Oct 2023)

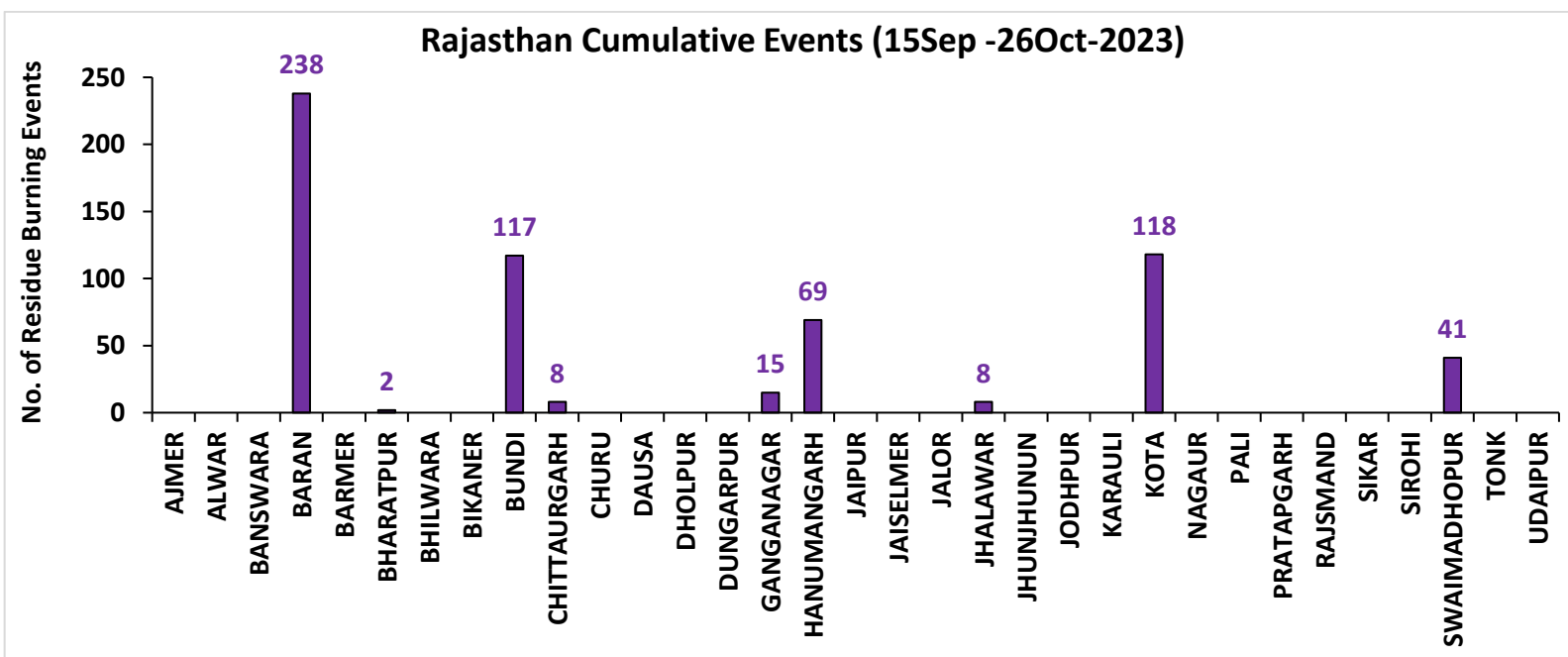
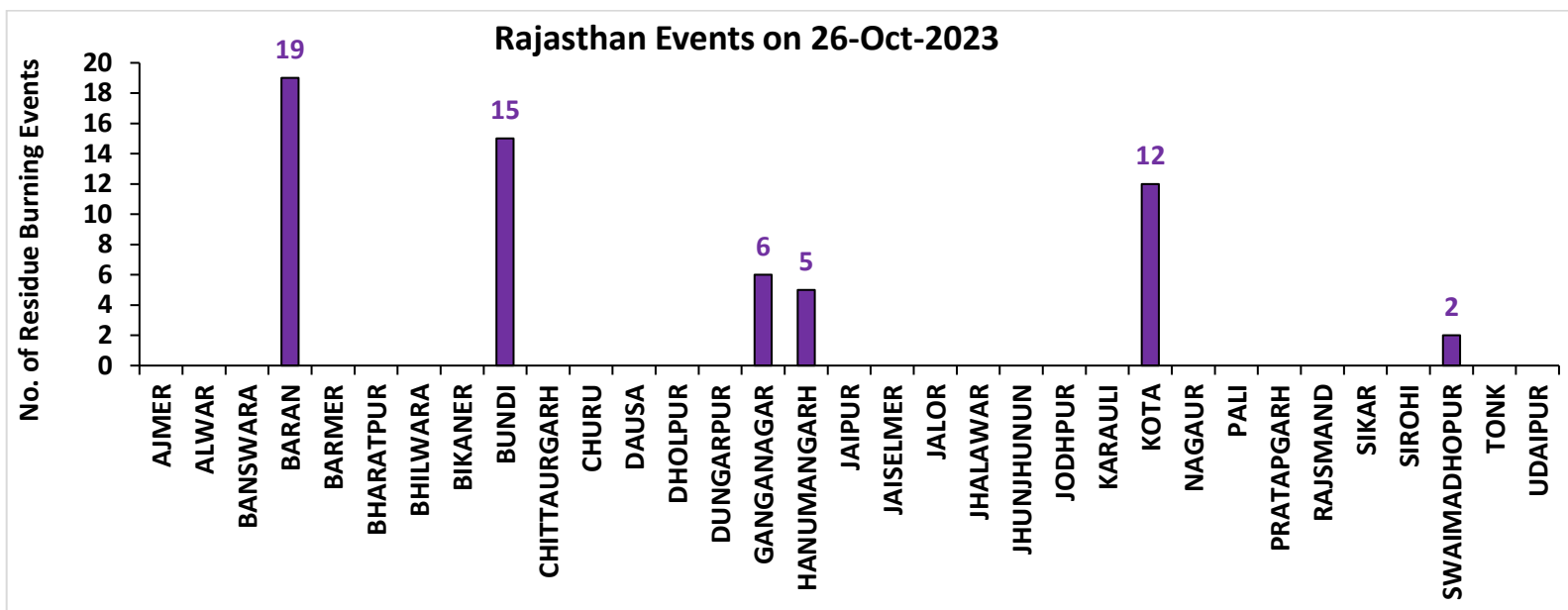
Fire Intensity (W/m²)

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



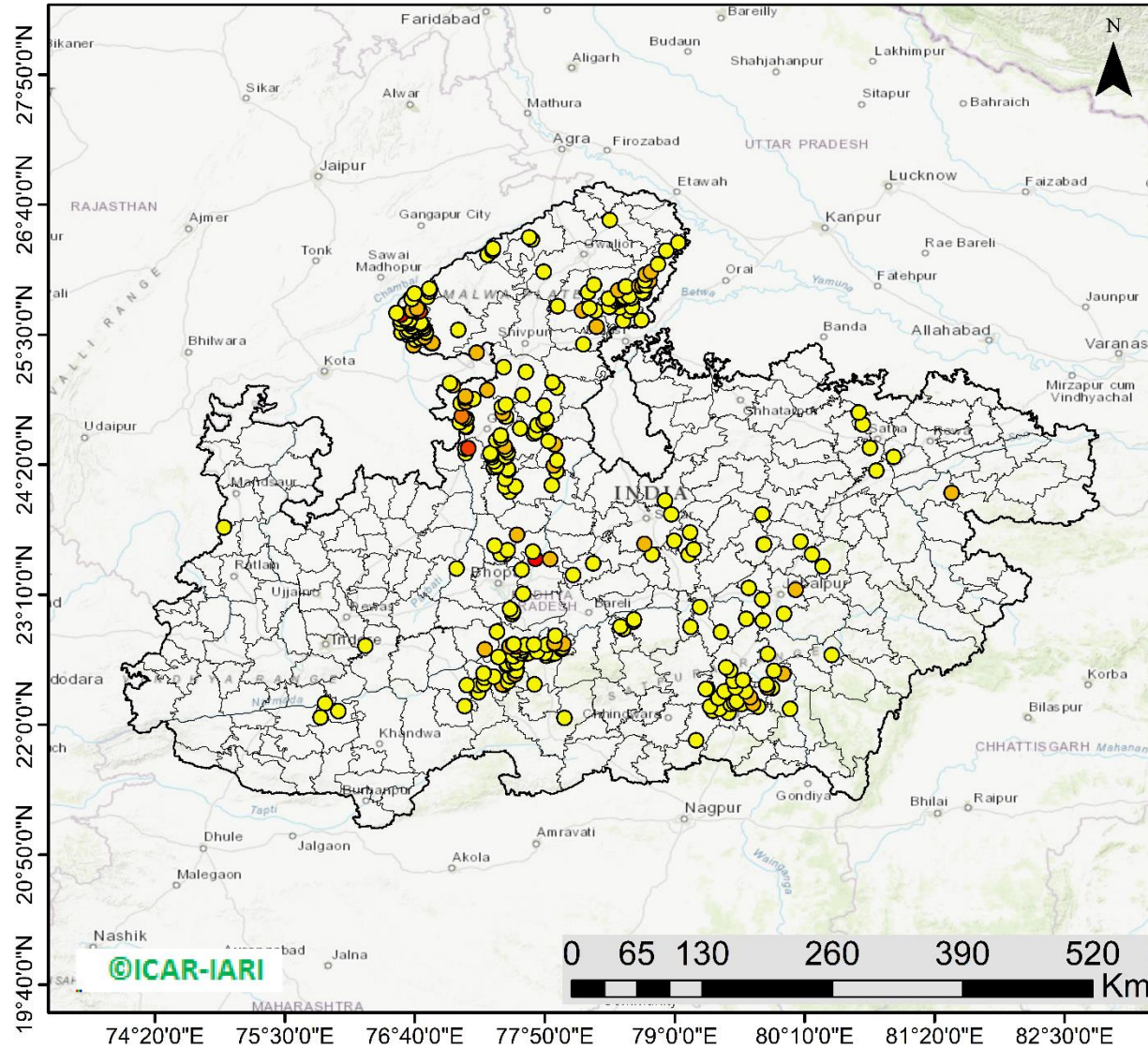
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Rajasthan (15Sep-26Oct -2023)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



320 burning events
detected in MP on
(26th Oct 2023)

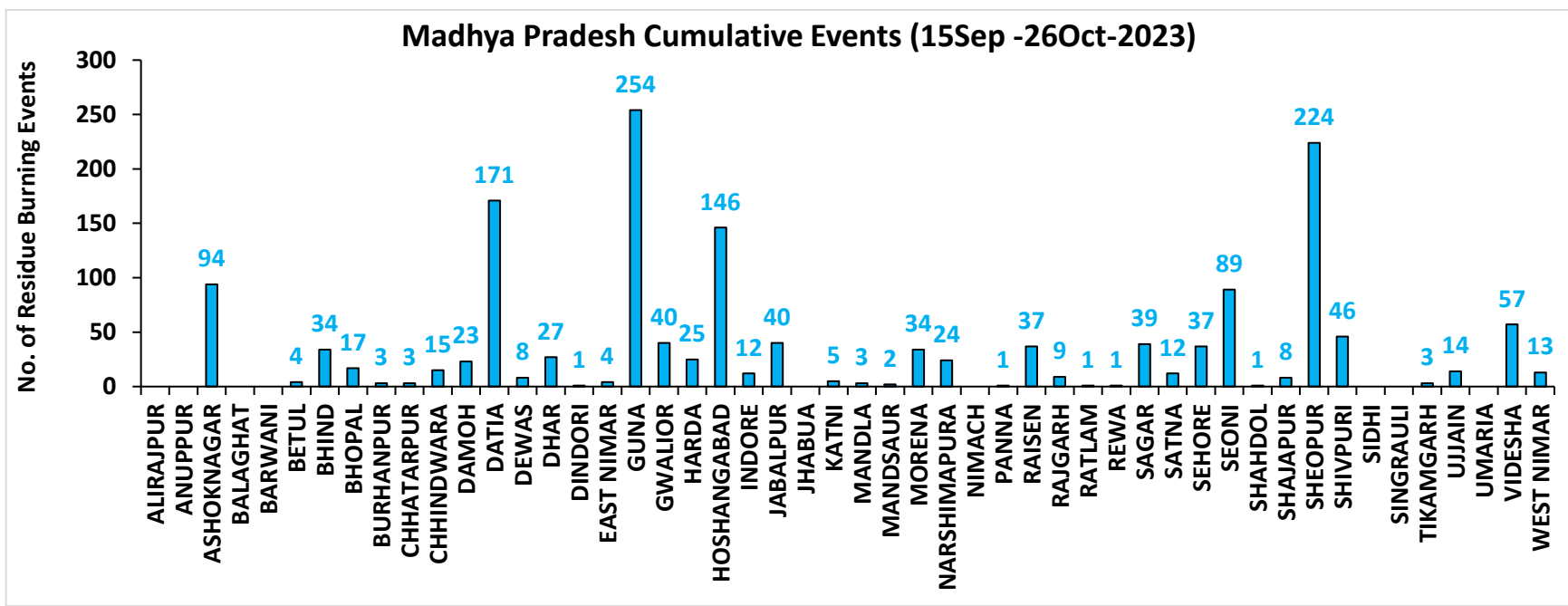
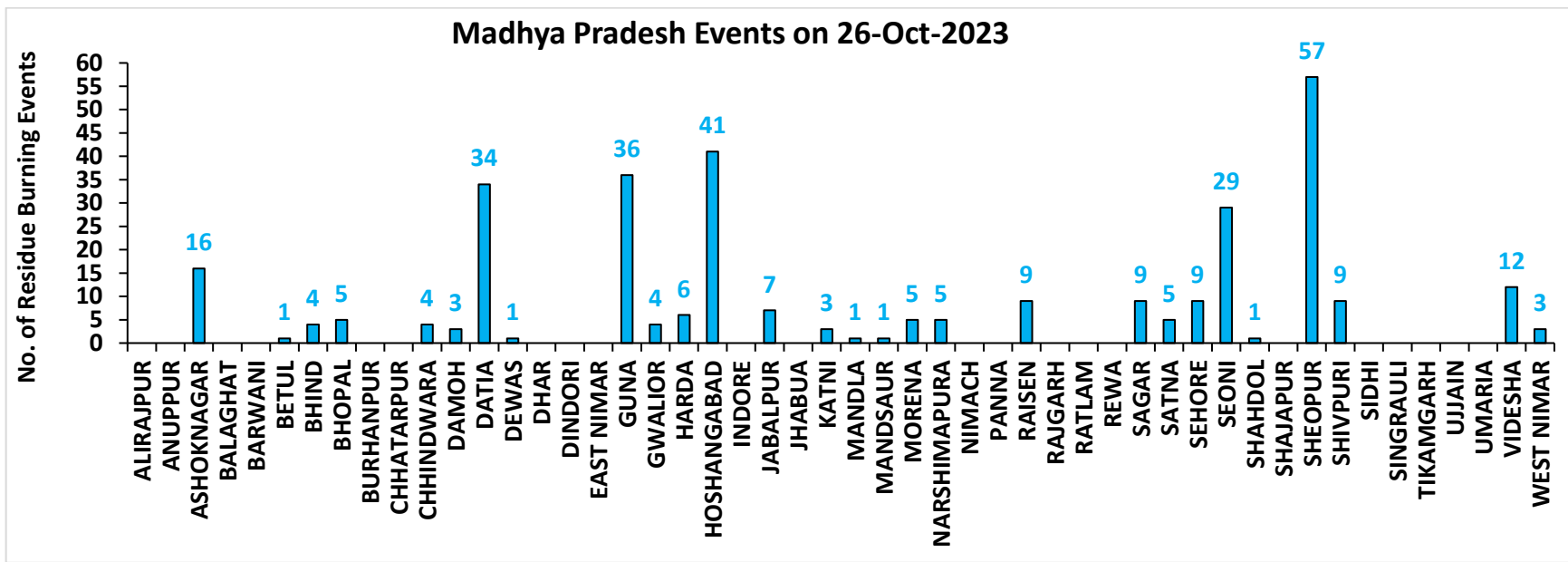
Fire Intensity (W/m²)

- 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-26Oct -2023)



District-wise cumulative number of residues burning events detected in 2020, 2021, 2022 and 2023
(Period: 15 September-26 October)

(a) Punjab

District	15 Sep-26 Oct			
	2020	2021	2022	2023
Amritsar	2432	956	1139	925
Barnala	143	51	75	24
Bathinda	275	97	144	28
Faridkot	963	357	67	53
Fatehgarh Sahib	600	286	279	146
Fazilka	281	91	75	18
Firozpur	2541	420	421	272
Gurdaspur	1449	394	623	66
Hoshiarpur	242	62	72	6
Jalandhar	452	275	340	77
Kapurthala	960	397	485	146
Ludhiana	519	399	300	134
Mansa	211	41	75	142
Moga	382	166	167	91
Muktsar	415	129	52	13
Pathankot	7	0	0	1
Patiala	1695	570	671	427
Rupnagar	83	46	67	5
Sangrur	767	159	361	253
SAS NAGAR (Mohali)	90	55	54	71
SBS Nagar	38	34	9	9
Tarn Taran	3802	1478	1560	386
Total	18347	6463	7036	3293

(b) Haryana

District	15 Sep-26 Oct			
	2020	2021	2022	2023
AMBALA	239	106	104	125
BHIWANI	0	0	0	2
CHARKHI DADRI	0	0	0	0
FARIDABAD	1	2	1	2
FATEHABAD	137	134	165	138
GURGAON	0	0	0	0
HISAR	10	8	25	60
JHAJJAR	1	0	0	5
JIND	57	95	127	115
KAITHAL	407	560	417	121
KARNAL	443	599	229	56
KURUKSHETRA	354	355	258	114
MAHENDRAGARH	0	0	0	0
MEWAT	0	0	0	0
PALWAL	31	30	19	47
PANCHKULA	0	0	0	1
PANIPAT	13	23	24	20
REWARI	0	0	0	0
ROHTAK	2	0	0	9
SIRSA	37	20	30	16
SONIPAT	17	7	12	51
YAMUNANAGAR	100	71	84	56
Total	1849	2010	1495	938

(c) Uttar Pradesh

District	15 Sep-26 Oct													
	2020	2021	2022	2023	GAUTAMBUDHNAGAR	6	9	7	7	MUZAFARNAGAR	3	2	1	1
AGRA	2	0	0	2	GAZIPUR	0	0	0	0	PILHIBHIT	10	113	83	74
ALIGARH	59	23	24	77	GHAZIABAD	5	2	2	12	PRATAPGARH	4	0	0	1
ALLAHABAD	0	1	2	2	GONDA	0	0	0	0	RAIBEARELI	1	0	2	1
AMBEDKARNAGAR	0	0	0	0	GORAKHPUR	1	0	0	0	RAMPUR	61	52	42	49
AMETHI	1	1	4	1	HAMIRPUR	1	0	0	0	SAMBHAL	7	7	6	13
AMROHA	2	0	0	2	HAPUR	7	1	1	0	SANTKABIRNAGAR	0	0	1	1
AURAIYA	19	9	7	11	HARDOI	20	6	7	16	SANTRAVIDASNAGAR	0	0	0	0
AZAMGARH	0	0	0	0	HATHRAS	0	0	0	2	SHAHJAHANPUR	53	185	187	32
BADAUN	2	6	0	2	JALAUN	1	0	0	0	SHAMLI	21	17	5	5
BAGHPAT	5	1	1	1	JAUNPUR	0	0	0	1	SHARANPUR	47	21	4	7
BAHRAICH	29	2	5	3	JHANSI	31	6	0	28	SHRAWASTI	10	1	0	2
BALLIA	0	0	0	0	KANNAUJ	8	2	0	1	SIDDHARTHANAGAR	0	0	0	0
BALRAMPUR	5	1	1	1	KANPUR	6	7	10	20	SITAPUR	21	11	5	4
BANDA	0	0	0	0	KANPUR DEHAT	15	1	0	16	SONBHADRA	0	0	0	0
BARABANKI	23	24	22	43	KASGANJ	2	2	0	2	SULTANPUR	1	0	0	0
BAREILLY	25	17	11	22	KAUSHAMBI	17	3	2	19	UNNAO	7	1	0	10
BASTI	3	1	0	1	KHERI	54	58	65	8	VARANASI	1	0	0	0
BIJNOR	8	5	2	6	KUSHINAGAR	0	0	0	0	Total	816	712	575	706
BULANDSAHAR	19	2	7	6	LALITPUR	0	1	3	2					
CHANDAULI	0	0	0	0	LUCKNOW	4	1	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	11	MAINPURI	15	8	11	18					
ETAWAH	10	8	6	36	MATHURA	65	59	10	80					
FAIZABAD	3	0	0	3	MAU	0	0	0	0					
FARRUKHABAD	1	0	0	1	MEERUT	16	4	4	3					
FATEHPUR	28	11	18	20	MIRZAPUR	6	5	2	0					
FIROZABAD	12	5	0	5	MORADABAD	8	3	0	4					

(d) Delhi

District	15 Sep-26 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-26 Oct			
	2020	2021	2022	2023
AJMER	2	0	0	0
ALWAR	2	0	0	0
BANSWARA	0	0	0	0
BARAN	109	0	15	238
BARMER	2	0	0	0
BHARATPUR	2	0	0	2
BHILWARA	4	0	0	0
BIKANER	1	0	0	0
BUNDI	28	3	44	117
CHITTAURGARH	0	2	2	8
CHURU	0	0	0	0
DAUSA	0	0	0	0
DHOLPUR	0	0	0	0
DUNGARPUR	0	0	0	0
GANGANAGAR	7	2	6	15
HANUMANGARH	242	51	24	69
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	1	0	0	0
KARAULI	1	0	0	0
KOTA	52	3	25	118
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	16	0	5	41
TONK	3	0	0	0
UDAIPUR	0	0	0	0
Total	486	61	123	616

(f) Madhya Pradesh

District	15 Sep-26 Oct								
	2020	2021	2022	2023					
					PANNA	10	1	0	1
ALIRAJPUR	0	0	0	0	RAISEN	89	5	9	37
ANUPPUR	0	0	0	0	RAJGARH	7	1	3	9
ASHOKNAGAR	52	1	8	94	RATLAM	0	0	0	1
BALAGHAT	0	0	0	0	REWA	19	1	1	1
BARWANI	0	0	0	0	SAGAR	21	17	14	39
BETUL	4	1	1	4	SATNA	45	11	2	12
BHIND	21	1	7	34	SEHORE	31	12	29	37
BHOPAL	15	5	3	17	SEONI	159	121	35	89
BURHANPUR	0	0	0	3	SHAHDOL	0	0	0	1
CHHATARPUR	4	0	0	3	SHAJAPUR	5	0	0	8
CHHINDWARA	18	12	5	15	SHEOPUR	67	2	7	224
DAMOH	41	16	13	23	SHIVPURI	32	0	9	46
DATIA	159	8	12	171	SIDHI	0	0	0	0
DEWAS	3	0	0	8	SINGRAULI	0	0	1	0
DHAR	23	0	0	27	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	33	2	15	254	VIDESHA	77	14	18	57
GWALIOR	175	4	4	40	WEST NIMAR	21	1	1	13
HARDA	10	18	6	25	Total	1501	346	267	1581
HOSHANGABAD	207	49	35	146					
INDORE	2	0	0	12					
JABALPUR	45	13	9	40					
JHABUA	0	0	0	0					
KATNI	22	1	0	5					
MANDLA	6	6	0	3					
MANDSAUR	3	0	0	2					
MORENA	32	5	3	34					
NARSHIMAPURA	26	13	13	24					
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-26 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
Total	18347	6463	7036	3293	1849	2010	1495	938	816	712	575	706

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
Total	8	0	5	2	486	61	123	616	1501	346	267	1581

Details of residue burning events in Punjab on 26-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	S-NPP	31.82870	74.88445	13:28:52	D	3.60
2	AMRITSAR	AJNALA	S-NPP	31.82975	74.75896	13:28:52	D	1.70
3	AMRITSAR	AJNALA	S-NPP	31.85093	74.82961	13:28:52	D	4.80
4	AMRITSAR	AJNALA	S-NPP	31.87787	74.89600	13:28:52	D	2.50
5	AMRITSAR	AJNALA	S-NPP	31.89295	74.90533	13:28:52	D	7.50
6	AMRITSAR	AJNALA	S-NPP	31.89794	74.69528	13:28:52	D	7.20
7	AMRITSAR	AJNALA	S-NPP	31.90795	74.84784	13:28:52	D	1.90
8	AMRITSAR	AJNALA	S-NPP	31.92606	74.81054	13:28:52	D	1.50
9	AMRITSAR	AJNALA	S-NPP	31.93312	74.83413	13:28:52	D	5.50
10	AMRITSAR	AJNALA	S-NPP	31.94793	74.79752	13:28:52	D	2.80
11	AMRITSAR	AJNALA	S-NPP	31.96047	74.94537	13:28:52	D	6.20
12	AMRITSAR	AJNALA	S-NPP	31.96559	74.88995	13:28:52	D	5.20
13	AMRITSAR	AJNALA	S-NPP	31.99183	74.88877	13:28:52	D	4.00
14	AMRITSAR	AJNALA	S-NPP	32.00441	74.88193	13:28:52	D	3.00
15	AMRITSAR	AJNALA	S-NPP	32.04983	74.88902	13:28:52	D	7.20
16	AMRITSAR	ATTARI	S-NPP	31.52904	74.91753	13:28:52	D	1.90
17	AMRITSAR	ATTARI	S-NPP	31.54649	74.85991	13:28:52	D	2.00
18	AMRITSAR	ATTARI	S-NPP	31.56447	74.75613	13:28:52	D	2.90
19	AMRITSAR	ATTARI	S-NPP	31.57171	74.75877	13:28:52	D	5.50
20	AMRITSAR	ATTARI	S-NPP	31.57873	74.86976	13:28:52	D	1.60
21	AMRITSAR	ATTARI	S-NPP	31.58208	74.69394	13:28:52	D	2.00
22	AMRITSAR	CHOGAWAN	S-NPP	31.62946	74.65086	13:28:52	D	3.50
23	AMRITSAR	CHOGAWAN	S-NPP	31.63276	74.65015	13:28:52	D	3.50
24	AMRITSAR	CHOGAWAN	S-NPP	31.64026	74.61089	13:28:52	D	2.70
25	AMRITSAR	CHOGAWAN	S-NPP	31.64802	74.63852	13:28:52	D	5.20
26	AMRITSAR	CHOGAWAN	S-NPP	31.65042	74.67564	13:28:52	D	2.10
27	AMRITSAR	CHOGAWAN	S-NPP	31.68711	74.71378	13:28:52	D	2.60
28	AMRITSAR	CHOGAWAN	S-NPP	31.69928	74.57307	13:28:52	D	5.90
29	AMRITSAR	CHOGAWAN	S-NPP	31.71103	74.54580	13:28:52	D	3.40

30	AMRITSAR	CHOGAWAN	S-NPP	31.71497	74.54914	13:28:52	D	7.90
31	AMRITSAR	CHOGAWAN	S-NPP	31.71700	74.54032	13:28:52	D	2.50
32	AMRITSAR	CHOGAWAN	S-NPP	31.72148	74.56870	13:28:52	D	3.00
33	AMRITSAR	CHOGAWAN	S-NPP	31.72175	74.63566	13:28:52	D	4.10
34	AMRITSAR	CHOGAWAN	S-NPP	31.72593	74.59708	13:28:52	D	1.90
35	AMRITSAR	CHOGAWAN	S-NPP	31.78468	74.60122	13:28:52	D	4.80
36	AMRITSAR	CHOGAWAN	S-NPP	31.78567	74.65125	13:28:52	D	2.00
37	AMRITSAR	CHOGAWAN	S-NPP	31.80859	74.57931	13:28:52	D	6.70
38	AMRITSAR	CHOGAWAN	S-NPP	31.81240	74.60365	13:28:52	D	4.00
39	AMRITSAR	CHOGAWAN	S-NPP	31.81678	74.59121	13:28:52	D	9.30
40	AMRITSAR	CHOGAWAN	S-NPP	31.83992	74.58624	13:28:52	D	2.80
41	AMRITSAR	CHOGAWAN	S-NPP	31.85654	74.67065	13:28:52	D	5.30
42	AMRITSAR	HARSHA CHHINA	S-NPP	31.69939	74.74877	13:28:52	D	1.20
43	AMRITSAR	HARSHA CHHINA	S-NPP	31.73772	74.71590	13:28:52	D	6.50
44	AMRITSAR	HARSHA CHHINA	S-NPP	31.76590	74.74332	13:28:52	D	1.40
45	AMRITSAR	HARSHA CHHINA	S-NPP	31.77360	74.77094	13:28:52	D	3.80
46	AMRITSAR	HARSHA CHHINA	S-NPP	31.78372	74.90232	13:28:52	D	2.50
47	AMRITSAR	HARSHA CHHINA	S-NPP	31.80995	74.91764	13:28:52	D	5.10
48	AMRITSAR	JANDIALA GURU	S-NPP	31.52966	74.92156	13:28:52	D	1.90
49	AMRITSAR	JANDIALA GURU	S-NPP	31.53340	74.94576	13:28:52	D	2.70
50	AMRITSAR	JANDIALA GURU	S-NPP	31.53484	75.13259	13:28:52	D	2.70
51	AMRITSAR	JANDIALA GURU	S-NPP	31.56172	75.00243	13:28:52	D	8.30
52	AMRITSAR	JANDIALA GURU	S-NPP	31.57264	74.96268	13:28:52	D	1.90
53	AMRITSAR	JANDIALA GURU	S-NPP	31.58729	74.94711	13:28:52	D	4.10
54	AMRITSAR	MAJITHA	S-NPP	31.71272	75.03364	13:28:52	D	4.00
55	AMRITSAR	MAJITHA	S-NPP	31.71539	75.09555	13:28:52	D	2.10
56	AMRITSAR	MAJITHA	S-NPP	31.72137	75.09013	13:28:52	D	4.00
57	AMRITSAR	MAJITHA	S-NPP	31.72467	75.08944	13:28:52	D	2.40
58	AMRITSAR	MAJITHA	S-NPP	31.73828	75.11159	13:28:52	D	4.90
59	AMRITSAR	MAJITHA	S-NPP	31.74656	75.00986	13:28:52	D	2.20
60	AMRITSAR	MAJITHA	S-NPP	31.75312	75.14181	13:28:52	D	5.10
61	AMRITSAR	MAJITHA	S-NPP	31.75606	74.89982	13:28:52	D	1.70
62	AMRITSAR	MAJITHA	S-NPP	31.75956	75.02796	13:28:52	D	3.60

63	AMRITSAR	MAJITHA	S-NPP	31.81042	75.00932	13:28:52	D	7.10
64	AMRITSAR	MAJITHA	S-NPP	31.82939	74.95527	13:28:52	D	1.60
65	AMRITSAR	RAYYA	S-NPP	31.52024	75.26029	13:28:52	D	5.80
66	AMRITSAR	RAYYA	S-NPP	31.52355	75.25960	13:28:52	D	5.80
67	AMRITSAR	RAYYA	S-NPP	31.52471	75.15548	13:28:52	D	2.10
68	AMRITSAR	RAYYA	S-NPP	31.54391	75.14732	13:28:52	D	1.90
69	AMRITSAR	RAYYA	S-NPP	31.55486	75.28635	13:28:52	D	2.00
70	AMRITSAR	RAYYA	S-NPP	31.55803	75.23999	13:28:52	D	2.20
71	AMRITSAR	RAYYA	S-NPP	31.59019	75.36217	13:28:52	D	1.60
72	AMRITSAR	RAYYA	S-NPP	31.60264	75.24755	13:28:52	D	1.90
73	AMRITSAR	RAYYA	S-NPP	31.61658	75.29456	13:28:52	D	2.70
74	AMRITSAR	RAYYA	S-NPP	31.62722	75.22998	13:28:52	D	1.70
75	AMRITSAR	RAYYA	S-NPP	31.62868	75.21721	13:28:52	D	1.90
76	AMRITSAR	RAYYA	S-NPP	31.63014	75.20443	13:28:52	D	1.40
77	AMRITSAR	RAYYA	S-NPP	31.63518	75.28239	13:28:52	D	4.40
78	AMRITSAR	RAYYA	S-NPP	31.64741	75.25074	13:28:52	D	1.60
79	AMRITSAR	RAYYA	S-NPP	31.64911	75.21712	13:28:52	D	1.90
80	AMRITSAR	TARSIKKA	S-NPP	31.58069	75.14819	13:28:52	D	4.50
81	AMRITSAR	TARSIKKA	S-NPP	31.58130	75.15221	13:28:52	D	4.50
82	AMRITSAR	TARSIKKA	S-NPP	31.59406	75.19113	13:28:52	D	4.40
83	AMRITSAR	TARSIKKA	S-NPP	31.62231	75.19773	13:28:52	D	3.20
84	AMRITSAR	TARSIKKA	S-NPP	31.63099	75.18761	13:28:52	D	1.90
85	AMRITSAR	TARSIKKA	S-NPP	31.65925	75.19421	13:28:52	D	3.10
86	AMRITSAR	TARSIKKA	S-NPP	31.66685	75.22175	13:28:52	D	7.80
87	AMRITSAR	TARSIKKA	S-NPP	31.70190	75.18580	13:28:52	D	2.50
88	AMRITSAR	TARSIKKA	S-NPP	31.70520	75.18512	13:28:52	D	2.80
89	AMRITSAR	TARSIKKA	S-NPP	31.72838	75.11366	13:28:52	D	1.30
90	AMRITSAR	VERKA	S-NPP	31.61324	74.76245	13:28:52	D	1.50
91	AMRITSAR	VERKA	S-NPP	31.73470	74.86642	13:28:52	D	1.50
92	BARNALA	BARNALA	S-NPP	30.14599	75.57589	13:28:52	D	1.80
93	BARNALA	BARNALA	S-NPP	30.15826	75.54477	13:28:52	D	2.70
94	BARNALA	BARNALA	S-NPP	30.29103	75.54698	13:28:52	D	3.70
95	BARNALA	MAHAL KALAN	S-NPP	30.52031	75.56281	13:28:52	D	1.70

96	BARNALA	MAHAL KALAN	S-NPP	30.53347	75.51495	13:28:52	D	2.70
97	BATHINDA	BHAGTA BHAI KA	S-NPP	30.52202	75.13564	13:28:52	D	1.60
98	BATHINDA	MAUR	S-NPP	30.12690	75.18645	13:28:52	D	5.90
99	BATHINDA	MAUR	S-NPP	30.13144	75.12801	13:28:52	D	2.30
100	BATHINDA	MAUR	S-NPP	30.14461	75.25661	13:28:52	D	7.40
101	BATHINDA	NATHANA	S-NPP	30.29123	75.04622	13:28:52	D	21.30
102	BATHINDA	PHUL	S-NPP	30.43521	75.18560	13:28:52	D	3.80
103	BATHINDA	RAMPURA	S-NPP	30.18369	75.20382	13:28:52	D	1.20
104	BATHINDA	RAMPURA	S-NPP	30.20219	75.32317	13:28:52	D	2.60
105	BATHINDA	RAMPURA	S-NPP	30.28772	75.28102	13:28:52	D	9.30
106	BATHINDA	TALWANDI SABO	S-NPP	29.85910	75.16649	13:28:52	D	1.90
107	BATHINDA	TALWANDI SABO	S-NPP	29.98541	74.95229	13:28:52	D	1.10
108	BATHINDA	TALWANDI SABO	S-NPP	30.00956	74.91011	13:28:52	D	4.50
109	BATHINDA	TALWANDI SABO	S-NPP	30.01288	74.90942	13:28:52	D	4.50
110	FARIDKOT	FARIDKOT	S-NPP	30.73823	74.67297	13:28:52	D	2.10
111	FARIDKOT	FARIDKOT	S-NPP	30.74014	74.68507	13:28:52	D	2.20
112	FARIDKOT	FARIDKOT	S-NPP	30.76974	74.81224	13:28:52	D	2.00
113	FARIDKOT	FARIDKOT	S-NPP	30.77677	74.74848	13:28:52	D	7.40
114	FARIDKOT	FARIDKOT	S-NPP	30.78094	74.60188	13:28:52	D	10.10
115	FARIDKOT	FARIDKOT	S-NPP	30.78906	74.56675	13:28:52	D	11.50
116	FARIDKOT	FARIDKOT	S-NPP	30.78971	74.57079	13:28:52	D	6.00
117	FARIDKOT	FARIDKOT	S-NPP	30.79238	74.56604	13:28:52	D	11.50
118	FARIDKOT	FARIDKOT	S-NPP	30.79302	74.57008	13:28:52	D	6.00
119	FARIDKOT	FARIDKOT	S-NPP	30.81867	74.71049	13:28:52	D	11.90
120	FARIDKOT	FARIDKOT	S-NPP	30.82034	74.65601	13:28:52	D	2.30
121	FARIDKOT	FARIDKOT	S-NPP	30.82366	74.65531	13:28:52	D	5.40
122	FARIDKOT	KOT KAPURA	S-NPP	30.61767	74.94290	13:28:52	D	16.10
123	FATEHGARH SAHIB	AMLOH	S-NPP	30.58574	76.18368	13:28:52	D	7.80
124	FATEHGARH SAHIB	AMLOH	S-NPP	30.61287	76.18250	13:28:52	D	3.30
125	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.68090	76.48479	13:28:52	D	3.90
126	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.68795	76.46259	13:28:52	D	3.30
127	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.68985	76.46326	13:28:52	D	5.60
128	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69227	76.51599	13:28:52	D	3.60

129	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69633	76.43700	13:28:52	D	1.20
130	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69853	76.35748	13:28:52	D	2.00
131	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70308	76.53165	13:28:52	D	4.80
132	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70375	76.46474	13:28:52	D	2.50
133	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70466	76.51882	13:28:52	D	2.80
134	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70537	76.38110	13:28:52	D	24.70
135	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72607	76.47712	13:28:52	D	16.60
136	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.73741	76.50833	13:28:52	D	4.10
137	FATEHGARH SAHIB	KHAMANON	S-NPP	30.77466	76.43434	13:28:52	D	11.70
138	FATEHGARH SAHIB	KHAMANON	S-NPP	30.80666	76.40367	13:28:52	D	3.80
139	FATEHGARH SAHIB	KHERA	S-NPP	30.59822	76.50491	13:28:52	D	6.30
140	FATEHGARH SAHIB	KHERA	S-NPP	30.60668	76.61182	13:28:52	D	8.50
141	FATEHGARH SAHIB	KHERA	S-NPP	30.63562	76.52689	13:28:52	D	1.30
142	FATEHGARH SAHIB	KHERA	S-NPP	30.63720	76.51408	13:28:52	D	2.90
143	FATEHGARH SAHIB	KHERA	S-NPP	30.64053	76.51344	13:28:52	D	2.90
144	FATEHGARH SAHIB	KHERA	S-NPP	30.64624	76.45815	13:28:52	D	7.10
145	FATEHGARH SAHIB	KHERA	S-NPP	30.64957	76.45751	13:28:52	D	17.30
146	FATEHGARH SAHIB	SIRHIND	S-NPP	30.49054	76.36729	13:28:52	D	6.70
147	FATEHGARH SAHIB	SIRHIND	S-NPP	30.51732	76.38696	13:28:52	D	4.40
148	FATEHGARH SAHIB	SIRHIND	S-NPP	30.57351	76.31025	13:28:52	D	4.60
149	FAZILKA	FAZILKA	S-NPP	30.33745	73.96227	13:28:52	D	3.20
150	FAZILKA	JALALABAD	S-NPP	30.55579	74.11594	13:28:52	D	2.00
151	FAZILKA	JALALABAD	S-NPP	30.61250	74.23061	13:28:52	D	14.80
152	FIROZPUR	FIROZPUR	S-NPP	30.82158	74.55563	13:28:52	D	7.60
153	FIROZPUR	FIROZPUR	S-NPP	30.83026	74.54542	13:28:52	D	32.20
154	FIROZPUR	FIROZPUR	S-NPP	30.83218	74.55754	13:28:52	D	5.60
155	FIROZPUR	FIROZPUR	S-NPP	30.83302	74.54999	13:28:52	D	31.80
156	FIROZPUR	FIROZPUR	S-NPP	30.83570	74.54523	13:28:52	D	31.80
157	FIROZPUR	FIROZPUR	S-NPP	30.90266	74.53510	13:28:52	D	5.60
158	FIROZPUR	FIROZPUR	S-NPP	30.95083	74.54195	13:28:52	D	2.40
159	FIROZPUR	FIROZPUR	S-NPP	31.00866	74.62565	13:28:52	D	5.90
160	FIROZPUR	FIROZPUR	S-NPP	31.02378	74.74326	13:28:52	D	2.70
161	FIROZPUR	FIROZPUR	S-NPP	31.05969	74.71066	13:28:52	D	3.00

162	FIROZPUR	FIROZPUR	AQUA	30.81900	74.52900	13:18:16	D	75.60
163	FIROZPUR	GHALL KHURD	S-NPP	30.78393	74.85902	13:28:52	D	1.70
164	FIROZPUR	GHALL KHURD	S-NPP	30.80471	74.81732	13:28:52	D	1.50
165	FIROZPUR	GHALL KHURD	S-NPP	30.85101	74.72028	13:28:52	D	3.70
166	FIROZPUR	GHALL KHURD	S-NPP	30.87141	74.68359	13:28:52	D	2.30
167	FIROZPUR	GHALL KHURD	S-NPP	30.88223	74.75203	13:28:52	D	1.90
168	FIROZPUR	GHALL KHURD	S-NPP	30.88843	74.90018	13:28:52	D	3.70
169	FIROZPUR	GHALL KHURD	S-NPP	30.89503	74.81165	13:28:52	D	7.90
170	FIROZPUR	GHALL KHURD	S-NPP	30.90095	74.71895	13:28:52	D	9.60
171	FIROZPUR	GHALL KHURD	S-NPP	30.90553	74.72630	13:28:52	D	4.10
172	FIROZPUR	GHALL KHURD	S-NPP	30.92276	74.81412	13:28:52	D	2.10
173	FIROZPUR	GHALL KHURD	S-NPP	30.93045	74.75430	13:28:52	D	4.80
174	FIROZPUR	GHALL KHURD	S-NPP	30.93882	74.78580	13:28:52	D	2.50
175	FIROZPUR	GHALL KHURD	S-NPP	30.95457	74.79909	13:28:52	D	23.10
176	FIROZPUR	GHALL KHURD	S-NPP	30.95851	74.80241	13:28:52	D	2.50
177	FIROZPUR	GURUHAR SAHAI	S-NPP	30.62696	74.34126	13:28:52	D	7.10
178	FIROZPUR	GURUHAR SAHAI	S-NPP	30.66654	74.43771	13:28:52	D	1.90
179	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67172	74.47010	13:28:52	D	15.90
180	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67472	74.38140	13:28:52	D	9.50
181	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67505	74.46939	13:28:52	D	15.90
182	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73556	74.31835	13:28:52	D	4.40
183	FIROZPUR	GURUHAR SAHAI	S-NPP	30.74690	74.30328	13:28:52	D	4.40
184	FIROZPUR	GURUHAR SAHAI	S-NPP	30.75441	74.45705	13:28:52	D	17.90
185	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76206	74.35471	13:28:52	D	10.50
186	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76420	74.30375	13:28:52	D	1.60
187	FIROZPUR	MAKHU	S-NPP	31.11982	74.92680	13:28:52	D	1.50
188	FIROZPUR	MAMDOT	S-NPP	30.76558	74.48398	13:28:52	D	10.60
189	FIROZPUR	MAMDOT	S-NPP	30.76890	74.48327	13:28:52	D	2.10
190	FIROZPUR	MAMDOT	S-NPP	30.79175	74.41131	13:28:52	D	6.30
191	FIROZPUR	MAMDOT	S-NPP	30.80735	74.48759	13:28:52	D	5.80
192	FIROZPUR	MAMDOT	S-NPP	30.82866	74.47984	13:28:52	D	1.50
193	FIROZPUR	MAMDOT	S-NPP	30.83061	74.49197	13:28:52	D	1.40
194	FIROZPUR	MAMDOT	S-NPP	30.84250	74.50198	13:28:52	D	3.20

195	FIROZPUR	MAMDOT	S-NPP	30.84582	74.50127	13:28:52	D	4.00
196	FIROZPUR	MAMDOT	S-NPP	30.84711	74.50936	13:28:52	D	9.80
197	FIROZPUR	MAMDOT	S-NPP	30.85246	74.49985	13:28:52	D	9.60
198	FIROZPUR	MAMDOT	S-NPP	30.85687	74.37733	13:28:52	D	1.50
199	FIROZPUR	MAMDOT	S-NPP	30.86452	74.46796	13:28:52	D	7.20
200	FIROZPUR	MAMDOT	S-NPP	30.95117	74.45818	13:28:52	D	2.40
201	FIROZPUR	MAMDOT	AQUA	30.83200	74.52900	13:18:16	D	50.50
202	FIROZPUR	ZIRA	S-NPP	30.89362	74.91151	13:28:52	D	3.10
203	FIROZPUR	ZIRA	S-NPP	30.89441	74.89478	13:28:52	D	1.40
204	FIROZPUR	ZIRA	S-NPP	30.90096	74.98039	13:28:52	D	2.30
205	FIROZPUR	ZIRA	S-NPP	30.90239	74.96768	13:28:52	D	3.30
206	FIROZPUR	ZIRA	S-NPP	30.93441	74.84487	13:28:52	D	2.80
207	FIROZPUR	ZIRA	S-NPP	30.96666	75.00797	13:28:52	D	3.00
208	GURDASPUR	DERA BABA NANAK	S-NPP	31.92066	75.04145	13:28:52	D	2.20
209	GURDASPUR	DERA BABA NANAK	S-NPP	31.92847	75.11493	13:28:52	D	4.10
210	GURDASPUR	DERA BABA NANAK	S-NPP	31.96173	75.02029	13:28:52	D	2.10
211	GURDASPUR	DERA BABA NANAK	S-NPP	31.97368	74.94257	13:28:52	D	3.00
212	GURDASPUR	DERA BABA NANAK	S-NPP	31.99829	74.97517	13:28:52	D	1.60
213	GURDASPUR	DHARIWAL	S-NPP	31.90067	75.19892	13:28:52	D	3.10
214	GURDASPUR	DHARIWAL	S-NPP	31.98297	75.24965	13:28:52	D	4.90
215	GURDASPUR	DHARIWAL	S-NPP	31.98627	75.24896	13:28:52	D	8.40
216	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.89280	74.99304	13:28:52	D	2.50
217	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.90018	74.90798	13:28:52	D	2.80
218	GURDASPUR	KAHNUWAN	S-NPP	31.83598	75.42502	13:28:52	D	1.80
219	GURDASPUR	KALANAUR	S-NPP	32.04180	75.10389	13:28:52	D	4.00
220	GURDASPUR	KALANAUR	S-NPP	32.06408	75.11594	13:28:52	D	2.00
221	GURDASPUR	QADIAN	S-NPP	31.76460	75.39767	13:28:52	D	2.30
222	GURDASPUR	QADIAN	S-NPP	31.77469	75.32893	13:28:52	D	2.10
223	GURDASPUR	QADIAN	S-NPP	31.78216	75.31071	13:28:52	D	2.30
224	GURDASPUR	QADIAN	S-NPP	31.79095	75.34640	13:28:52	D	6.50
225	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.68838	75.29633	13:28:52	D	2.90
226	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.69829	75.29428	13:28:52	D	2.20
227	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72260	75.27725	13:28:52	D	9.60

228	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72590	75.27657	13:28:52	D	6.80
229	HOSHIARPUR	GARH SHANKAR	S-NPP	31.25832	76.13396	13:28:52	D	2.40
230	HOSHIARPUR	GARH SHANKAR	S-NPP	31.26164	76.13331	13:28:52	D	2.40
231	JALANDHAR	ADAMPUR	S-NPP	31.44242	75.70647	13:28:52	D	3.50
232	JALANDHAR	JALANDHAR WEST	S-NPP	31.41744	75.56207	13:28:52	D	2.10
233	JALANDHAR	JALANDHAR WEST	S-NPP	31.45683	75.46788	13:28:52	D	11.00
234	JALANDHAR	LOHIAN	S-NPP	31.12855	75.30986	13:28:52	D	7.20
235	JALANDHAR	LOHIAN	S-NPP	31.15301	75.24689	13:28:52	D	22.60
236	JALANDHAR	LOHIAN	S-NPP	31.15742	75.32046	13:28:52	D	13.30
237	JALANDHAR	LOHIAN	AQUA	31.14200	75.30700	13:18:16	D	51.90
238	JALANDHAR	LOHIAN	AQUA	31.15000	75.29600	13:18:16	D	34.80
239	JALANDHAR	MEHATPUR	S-NPP	30.98296	75.49226	13:28:52	D	2.60
240	JALANDHAR	MEHATPUR	S-NPP	31.04469	75.40528	13:28:52	D	2.30
241	JALANDHAR	NAKODAR	S-NPP	31.19899	75.46524	13:28:52	D	3.90
242	JALANDHAR	NUR MAHAL	S-NPP	31.03172	75.72618	13:28:52	D	7.40
243	JALANDHAR	NUR MAHAL	S-NPP	31.03713	75.71680	13:28:52	D	1.40
244	JALANDHAR	PHILLAUR	S-NPP	31.02062	75.89706	13:28:52	D	1.60
245	JALANDHAR	PHILLAUR	S-NPP	31.02267	75.75686	13:28:52	D	10.20
246	JALANDHAR	PHILLAUR	S-NPP	31.13611	75.81309	13:28:52	D	9.10
247	JALANDHAR	RURKA KALAN	S-NPP	31.13261	75.65235	13:28:52	D	3.60
248	JALANDHAR	RURKA KALAN	S-NPP	31.14401	75.72864	13:28:52	D	1.90
249	JALANDHAR	SHAHKOT	S-NPP	31.04521	75.25228	13:28:52	D	1.10
250	JALANDHAR	SHAHKOT	S-NPP	31.05577	75.27938	13:28:52	D	4.50
251	JALANDHAR	SHAHKOT	S-NPP	31.06507	75.27334	13:28:52	D	4.00
252	JALANDHAR	SHAHKOT	S-NPP	31.11179	75.33398	13:28:52	D	5.90
253	JALANDHAR	SHAHKOT	S-NPP	31.11240	75.33800	13:28:52	D	5.90
254	KAPURTHALA	DHILWAN	S-NPP	31.42613	75.28743	13:28:52	D	2.30
255	KAPURTHALA	DHILWAN	S-NPP	31.55776	75.37301	13:28:52	D	2.90
256	KAPURTHALA	KAPURTHALA	S-NPP	31.33622	75.31743	13:28:52	D	5.90
257	KAPURTHALA	KAPURTHALA	S-NPP	31.35714	75.27579	13:28:52	D	7.50
258	KAPURTHALA	KAPURTHALA	S-NPP	31.39474	75.43393	13:28:52	D	1.60
259	KAPURTHALA	NADALA	S-NPP	31.53328	75.48192	13:28:52	D	5.80
260	KAPURTHALA	NADALA	S-NPP	31.58171	75.55510	13:28:52	D	15.20

261	KAPURTHALA	NADALA	S-NPP	31.58502	75.55443	13:28:52	D	40.90
262	KAPURTHALA	NADALA	S-NPP	31.58744	75.57057	13:28:52	D	3.60
263	KAPURTHALA	NADALA	S-NPP	31.60477	75.45895	13:28:52	D	5.80
264	KAPURTHALA	NADALA	S-NPP	31.60713	75.42936	13:28:52	D	2.40
265	KAPURTHALA	NADALA	S-NPP	31.60774	75.43340	13:28:52	D	2.50
266	KAPURTHALA	NADALA	S-NPP	31.61557	75.44010	13:28:52	D	1.50
267	KAPURTHALA	NADALA	S-NPP	31.63765	75.50229	13:28:52	D	5.00
268	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.15569	75.24220	13:28:52	D	22.60
269	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.18050	75.25383	13:28:52	D	3.10
270	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.25169	75.25153	13:28:52	D	6.90
271	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.30984	75.14462	13:28:52	D	2.10
272	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.34049	75.23363	13:28:52	D	6.60
273	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.34464	75.21619	13:28:52	D	7.60
274	LUDHIANA	DEHLON	S-NPP	30.71347	75.88321	13:28:52	D	5.00
275	LUDHIANA	DORAHA	S-NPP	30.74558	76.05441	13:28:52	D	4.10
276	LUDHIANA	JAGRAON	S-NPP	30.73665	75.51611	13:28:52	D	5.10
277	LUDHIANA	JAGRAON	S-NPP	30.77463	75.52512	13:28:52	D	11.90
278	LUDHIANA	JAGRAON	S-NPP	30.78100	75.58974	13:28:52	D	3.20
279	LUDHIANA	JAGRAON	S-NPP	30.79074	75.45179	13:28:52	D	3.00
280	LUDHIANA	LUDHIANA-1	S-NPP	30.88238	75.99579	02:19:35	N	0.40
281	LUDHIANA	LUDHIANA-2	S-NPP	30.87113	76.10445	13:28:52	D	1.70
282	LUDHIANA	MACHHIWARA	S-NPP	30.95818	76.23279	13:28:52	D	3.80
283	LUDHIANA	MACHHIWARA	S-NPP	31.00481	76.20750	13:28:52	D	6.90
284	LUDHIANA	PAKHOWAL	S-NPP	30.64225	75.69945	13:28:52	D	4.80
285	LUDHIANA	PAKHOWAL	S-NPP	30.70942	75.71929	13:28:52	D	1.70
286	LUDHIANA	RAIKOT	S-NPP	30.70153	75.53149	13:28:52	D	2.50
287	LUDHIANA	SAMRALA	S-NPP	30.80705	76.24126	13:28:52	D	4.70
288	LUDHIANA	SIDHWAN BET	S-NPP	30.85242	75.52167	13:28:52	D	2.70
289	LUDHIANA	SIDHWAN BET	S-NPP	30.86935	75.41140	13:28:52	D	2.70
290	LUDHIANA	SIDHWAN BET	S-NPP	30.88211	75.49540	13:28:52	D	5.20
291	LUDHIANA	SIDHWAN BET	S-NPP	30.88271	75.49940	13:28:52	D	5.20
292	LUDHIANA	SIDHWAN BET	S-NPP	30.88291	75.43337	13:28:52	D	7.70
293	LUDHIANA	SIDHWAN BET	S-NPP	30.90137	75.53272	13:28:52	D	3.40

294	LUDHIANA	SIDHWAN BET	S-NPP	30.90907	75.44865	13:28:52	D	10.40
295	LUDHIANA	SIDHWAN BET	S-NPP	30.91237	75.44798	13:28:52	D	3.00
296	LUDHIANA	SIDHWAN BET	S-NPP	30.91541	75.46799	13:28:52	D	2.70
297	LUDHIANA	SUDHAR	S-NPP	30.77764	75.69732	13:28:52	D	7.70
298	MANSA	BHIKHI	S-NPP	30.11675	75.60211	13:28:52	D	2.80
299	MANSA	BHIKHI	S-NPP	30.12005	75.60145	13:28:52	D	2.80
300	MANSA	BUDHLADA	S-NPP	29.77001	75.70696	13:28:52	D	8.70
301	MANSA	BUDHLADA	S-NPP	29.78501	75.67135	13:28:52	D	2.90
302	MANSA	BUDHLADA	S-NPP	29.78831	75.67068	13:28:52	D	13.10
303	MANSA	BUDHLADA	S-NPP	29.84085	75.75031	13:28:52	D	4.80
304	MANSA	BUDHLADA	S-NPP	29.85197	75.75624	13:28:52	D	3.30
305	MANSA	BUDHLADA	S-NPP	29.85257	75.76020	13:28:52	D	3.30
306	MANSA	BUDHLADA	S-NPP	29.96404	75.55832	13:28:52	D	1.60
307	MANSA	BUDHLADA	S-NPP	30.02118	75.62036	13:28:52	D	3.70
308	MANSA	JHUNIR	S-NPP	29.79272	75.34772	13:28:52	D	11.40
309	MANSA	JHUNIR	S-NPP	29.83331	75.25770	13:28:52	D	5.20
310	MANSA	JHUNIR	S-NPP	29.87145	75.31134	13:28:52	D	2.90
311	MANSA	JHUNIR	S-NPP	29.87476	75.31067	13:28:52	D	5.90
312	MANSA	MANSA	S-NPP	29.92291	75.42358	13:28:52	D	5.50
313	MANSA	MANSA	S-NPP	29.95131	75.36463	13:28:52	D	2.20
314	MANSA	MANSA	S-NPP	30.00830	75.42770	13:28:52	D	3.40
315	MANSA	SARDULGARH	S-NPP	29.62396	75.28355	13:28:52	D	1.90
316	MANSA	SARDULGARH	S-NPP	29.66617	75.32005	13:28:52	D	3.20
317	MANSA	SARDULGARH	S-NPP	29.67377	75.34700	13:28:52	D	2.30
318	MANSA	SARDULGARH	S-NPP	29.74528	75.32426	13:28:52	D	3.30
319	MANSA	SARDULGARH	S-NPP	29.77813	75.29762	13:28:52	D	10.60
320	MANSA	SARDULGARH	S-NPP	29.79734	75.28961	13:28:52	D	2.00
321	MANSA	SARDULGARH	S-NPP	29.82485	75.24714	13:28:52	D	3.70
322	MANSA	SARDULGARH	S-NPP	29.82630	75.23455	13:28:52	D	1.60
323	MANSA	SARDULGARH	S-NPP	29.82961	75.23389	13:28:52	D	2.60
324	MANSA	SARDULGARH	AQUA	29.75600	75.34600	13:18:16	D	39.20
325	MOGA	BAGHA PURANA	S-NPP	30.60953	75.04376	13:28:52	D	3.00
326	MOGA	BAGHA PURANA	S-NPP	30.67602	75.18664	13:28:52	D	3.40

327	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.87022	75.39472	13:28:52	D	2.20
328	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.89653	75.34396	13:28:52	D	2.00
329	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.91378	75.27850	13:28:52	D	3.30
330	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.91623	75.29451	13:28:52	D	3.20
331	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.92748	75.34586	13:28:52	D	2.40
332	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.96179	75.28600	13:28:52	D	2.10
333	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.96645	75.33874	13:28:52	D	13.50
334	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.96975	75.33806	13:28:52	D	6.60
335	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.05463	75.20520	13:28:52	D	1.50
336	MOGA	MOGA-1	S-NPP	30.72858	75.37362	13:28:52	D	5.30
337	MOGA	MOGA-1	S-NPP	30.74598	75.22605	13:28:52	D	1.90
338	MOGA	MOGA-1	S-NPP	30.75948	75.31396	13:28:52	D	4.50
339	MOGA	MOGA-1	S-NPP	30.82505	75.34172	13:28:52	D	1.20
340	MOGA	MOGA-2	S-NPP	30.75015	75.07661	13:28:52	D	3.10
341	MOGA	MOGA-2	S-NPP	30.82556	75.08199	13:28:52	D	2.10
342	MOGA	MOGA-2	S-NPP	30.82886	75.08131	13:28:52	D	22.10
343	MOGA	MOGA-2	S-NPP	30.86809	75.04833	13:28:52	D	1.80
344	MOGA	MOGA-2	S-NPP	30.87117	75.00228	13:28:52	D	5.50
345	MOGA	NIHAL SINGH	S-NPP	30.56077	75.38698	13:28:52	D	2.10
346	MOGA	NIHAL SINGH	S-NPP	30.56513	75.23795	13:28:52	D	2.80
347	MOGA	NIHAL SINGH	S-NPP	30.59324	75.19920	13:28:52	D	1.90
348	MOGA	NIHAL SINGH	S-NPP	30.62646	75.34885	13:28:52	D	10.70
349	MOGA	NIHAL SINGH	S-NPP	30.62887	75.27876	13:28:52	D	5.70
350	MOGA	NIHAL SINGH	S-NPP	30.63217	75.27809	13:28:52	D	5.70
351	MOGA	NIHAL SINGH	S-NPP	30.64600	75.27936	13:28:52	D	4.20
352	MOGA	NIHAL SINGH	S-NPP	30.65099	75.24538	13:28:52	D	3.90
353	MOGA	NIHAL SINGH	S-NPP	30.67888	75.22727	13:28:52	D	2.50
354	MOGA	NIHAL SINGH	S-NPP	30.69715	75.30180	13:28:52	D	3.80
355	MOGA	NIHAL SINGH	S-NPP	30.70327	75.34174	13:28:52	D	10.20
356	MOGA	NIHAL SINGH	S-NPP	30.70522	75.28778	13:28:52	D	3.30
357	MOGA	NIHAL SINGH	S-NPP	30.70852	75.28711	13:28:52	D	3.30
358	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.16619	74.65837	13:28:52	D	2.70
359	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.21081	74.60347	13:28:52	D	18.80

360	MUKTSAR	LAMBI	S-NPP	30.10850	74.49131	13:28:52	D	5.10
361	MUKTSAR	MALOUT	S-NPP	30.19881	74.42215	13:28:52	D	2.50
362	MUKTSAR	MUKTSAR	S-NPP	30.61800	74.45649	13:28:52	D	8.30
363	MUKTSAR	MUKTSAR	S-NPP	30.62132	74.45577	13:28:52	D	2.40
364	PATHANKOT	NAROT JAIMAL SINGH	S-NPP	32.21131	75.34925	13:28:52	D	4.30
365	PATIALA	BHUNARHERI	S-NPP	30.12005	76.53598	13:28:52	D	3.20
366	PATIALA	BHUNARHERI	S-NPP	30.13004	76.46382	13:28:52	D	6.50
367	PATIALA	BHUNARHERI	S-NPP	30.14705	76.51012	13:28:52	D	2.90
368	PATIALA	BHUNARHERI	S-NPP	30.14996	76.60062	13:28:52	D	13.30
369	PATIALA	BHUNARHERI	S-NPP	30.19532	76.47297	13:28:52	D	4.20
370	PATIALA	BHUNARHERI	S-NPP	30.19560	76.59299	13:28:52	D	5.90
371	PATIALA	BHUNARHERI	S-NPP	30.19924	76.64211	13:28:52	D	6.00
372	PATIALA	BHUNARHERI	S-NPP	30.20350	76.52932	13:28:52	D	8.40
373	PATIALA	BHUNARHERI	S-NPP	30.20717	76.57834	13:28:52	D	2.00
374	PATIALA	BHUNARHERI	S-NPP	30.21482	76.56029	13:28:52	D	7.90
375	PATIALA	BHUNARHERI	S-NPP	30.22367	76.47992	13:28:52	D	2.10
376	PATIALA	BHUNARHERI	S-NPP	30.25282	76.51570	13:28:52	D	2.70
377	PATIALA	BHUNARHERI	S-NPP	30.26977	76.52512	13:28:52	D	20.80
378	PATIALA	BHUNARHERI	S-NPP	30.27135	76.51239	13:28:52	D	4.20
379	PATIALA	BHUNARHERI	S-NPP	30.27975	76.52320	13:28:52	D	3.90
380	PATIALA	GHANAUR	S-NPP	30.32576	76.67650	13:28:52	D	4.30
381	PATIALA	GHANAUR	S-NPP	30.32728	76.56803	13:28:52	D	4.20
382	PATIALA	GHANAUR	S-NPP	30.34218	76.55270	13:28:52	D	2.40
383	PATIALA	GHANAUR	S-NPP	30.35198	76.52591	13:28:52	D	5.70
384	PATIALA	GHANAUR	S-NPP	30.36346	76.65263	13:28:52	D	2.50
385	PATIALA	GHANAUR	S-NPP	30.39014	76.64754	13:28:52	D	4.30
386	PATIALA	GHANAUR	S-NPP	30.39226	76.64768	13:28:52	D	5.20
387	PATIALA	GHANAUR	S-NPP	30.39757	76.51767	13:28:52	D	2.10
388	PATIALA	GHANAUR	S-NPP	30.39890	76.55065	13:28:52	D	3.30
389	PATIALA	GHANAUR	S-NPP	30.39921	76.60051	13:28:52	D	3.30
390	PATIALA	GHANAUR	S-NPP	30.39948	76.55470	13:28:52	D	3.80
391	PATIALA	GHANAUR	S-NPP	30.39965	76.67547	13:28:52	D	2.30
392	PATIALA	GHANAUR	S-NPP	30.40138	76.59177	13:28:52	D	2.20

393	PATIALA	GHANAUR	S-NPP	30.40223	76.55001	13:28:52	D	3.30
394	PATIALA	GHANAUR	S-NPP	30.40281	76.55405	13:28:52	D	3.80
395	PATIALA	NABHA	S-NPP	30.31376	76.08381	13:28:52	D	4.70
396	PATIALA	NABHA	S-NPP	30.34497	76.11056	13:28:52	D	9.10
397	PATIALA	NABHA	S-NPP	30.36153	76.10730	13:28:52	D	2.40
398	PATIALA	NABHA	S-NPP	30.37736	76.03015	13:28:52	D	2.80
399	PATIALA	NABHA	S-NPP	30.38210	76.06212	13:28:52	D	3.60
400	PATIALA	NABHA	S-NPP	30.42464	76.10342	13:28:52	D	1.80
401	PATIALA	NABHA	S-NPP	30.43864	76.30668	13:28:52	D	3.50
402	PATIALA	NABHA	AQUA	30.35200	76.10000	13:18:16	D	38.80
403	PATIALA	NABHA	AQUA	30.35600	76.10600	13:18:16	D	44.70
404	PATIALA	PATIALA	S-NPP	30.24386	76.18342	13:28:52	D	21.30
405	PATIALA	PATIALA	S-NPP	30.24718	76.18277	13:28:52	D	21.30
406	PATIALA	PATIALA	S-NPP	30.25327	76.24742	13:28:52	D	2.00
407	PATIALA	PATIALA	S-NPP	30.30632	76.23708	13:28:52	D	3.90
408	PATIALA	PATIALA	S-NPP	30.30964	76.23643	13:28:52	D	3.90
409	PATIALA	PATIALA	S-NPP	30.38864	76.43228	13:28:52	D	2.70
410	PATIALA	PATRAN	S-NPP	29.82860	76.16444	13:28:52	D	6.50
411	PATIALA	PATRAN	S-NPP	29.85555	76.20826	13:28:52	D	7.70
412	PATIALA	PATRAN	S-NPP	29.87506	76.22491	13:28:52	D	2.60
413	PATIALA	PATRAN	S-NPP	29.91039	76.09982	13:28:52	D	7.80
414	PATIALA	PATRAN	S-NPP	29.93222	76.01794	13:28:52	D	1.60
415	PATIALA	PATRAN	S-NPP	29.96500	76.14639	13:28:52	D	24.70
416	PATIALA	PATRAN	S-NPP	29.96831	76.14574	13:28:52	D	3.70
417	PATIALA	PATRAN	S-NPP	30.01778	76.09525	13:28:52	D	2.30
418	PATIALA	PATRAN	S-NPP	30.02191	76.12310	13:28:52	D	2.90
419	PATIALA	PATRAN	S-NPP	30.04414	76.13513	13:28:52	D	4.50
420	PATIALA	RAJPURA	S-NPP	30.50732	76.78053	13:28:52	D	2.00
421	PATIALA	RAJPURA	S-NPP	30.52224	76.70684	13:28:52	D	2.80
422	PATIALA	RAJPURA	S-NPP	30.52238	76.73195	13:28:52	D	9.10
423	PATIALA	RAJPURA	S-NPP	30.53139	76.65070	13:28:52	D	2.20
424	PATIALA	RAJPURA	S-NPP	30.53690	76.64129	13:28:52	D	2.90
425	PATIALA	RAJPURA	S-NPP	30.55055	76.52185	13:28:52	D	4.00

426	PATIALA	RAJPURA	S-NPP	30.55132	76.55087	13:28:52	D	5.30
427	PATIALA	RAJPURA	S-NPP	30.55799	76.54958	13:28:52	D	1.80
428	PATIALA	RAJPURA	S-NPP	30.59462	76.61352	13:28:52	D	2.00
429	PATIALA	SAMANA	S-NPP	30.10480	76.17657	13:28:52	D	10.00
430	PATIALA	SAMANA	S-NPP	30.17141	76.07836	13:28:52	D	2.10
431	PATIALA	SAMANA	S-NPP	30.17225	76.10691	13:28:52	D	5.10
432	PATIALA	SAMANA	S-NPP	30.17485	76.14745	13:28:52	D	5.20
433	PATIALA	SAMANA	S-NPP	30.17555	76.10626	13:28:52	D	5.10
434	PATIALA	SAMANA	S-NPP	30.17597	76.27053	13:28:52	D	1.80
435	PATIALA	SAMANA	S-NPP	30.17752	76.25788	13:28:52	D	9.60
436	PATIALA	SAMANA	S-NPP	30.19907	76.08112	13:28:52	D	2.00
437	PATIALA	SAMANA	S-NPP	30.20382	76.22807	13:28:52	D	5.00
438	PATIALA	SANAUR	S-NPP	30.16858	76.31313	13:28:52	D	2.80
439	PATIALA	SANAUR	S-NPP	30.18731	76.30126	13:28:52	D	2.00
440	PATIALA	SANAUR	S-NPP	30.20725	76.36745	13:28:52	D	7.90
441	PATIALA	SANAUR	S-NPP	30.20935	76.28873	13:28:52	D	2.40
442	PATIALA	SANAUR	S-NPP	30.28699	76.52596	13:28:52	D	3.00
443	PATIALA	SANAUR	S-NPP	30.29731	76.57377	13:28:52	D	5.70
444	PATIALA	SHAMBU KALAN	S-NPP	30.43103	76.53616	13:28:52	D	2.70
445	PATIALA	SHAMBU KALAN	S-NPP	30.46956	76.63707	13:28:52	D	1.30
446	PATIALA	SHAMBU KALAN	S-NPP	30.47217	76.53658	13:28:52	D	14.30
447	PATIALA	SHAMBU KALAN	S-NPP	30.48092	76.66830	13:28:52	D	4.90
448	PATIALA	SHAMBU KALAN	S-NPP	30.49493	76.51591	13:28:52	D	1.10
449	SANGRUR	ANDANA	S-NPP	29.75099	75.91861	13:28:52	D	2.60
450	SANGRUR	ANDANA	S-NPP	29.75159	75.92257	13:28:52	D	8.10
451	SANGRUR	ANDANA	S-NPP	29.75185	75.94698	13:28:52	D	3.60
452	SANGRUR	ANDANA	S-NPP	29.75232	76.01196	13:28:52	D	5.90
453	SANGRUR	ANDANA	S-NPP	29.75906	75.94963	13:28:52	D	3.70
454	SANGRUR	ANDANA	S-NPP	29.78781	76.00513	13:28:52	D	2.10
455	SANGRUR	ANDANA	S-NPP	29.80603	76.05867	13:28:52	D	9.30
456	SANGRUR	BHAWANIGARH	S-NPP	30.20996	76.04633	13:28:52	D	2.80
457	SANGRUR	BHAWANIGARH	S-NPP	30.23796	76.02849	13:28:52	D	4.60
458	SANGRUR	BHAWANIGARH	S-NPP	30.24459	76.14216	13:28:52	D	5.90

459	SANGRUR	BHAWANIGARH	S-NPP	30.25891	76.07773	13:28:52	D	3.30
460	SANGRUR	BHAWANIGARH	S-NPP	30.26221	76.07707	13:28:52	D	8.50
461	SANGRUR	BHAWANIGARH	S-NPP	30.26612	76.08041	13:28:52	D	8.50
462	SANGRUR	BHAWANIGARH	S-NPP	30.27558	76.14430	13:28:52	D	3.10
463	SANGRUR	BHAWANIGARH	S-NPP	30.28480	76.18363	13:28:52	D	5.30
464	SANGRUR	BHAWANIGARH	S-NPP	30.30469	76.17973	13:28:52	D	2.50
465	SANGRUR	BHAWANIGARH	AQUA	30.25000	76.06600	13:18:16	D	31.60
466	SANGRUR	BHAWANIGARH	AQUA	30.25500	76.06900	13:18:16	D	53.00
467	SANGRUR	BHAWANIGARH	AQUA	30.27800	76.17100	13:18:16	D	30.70
468	SANGRUR	DHURI	S-NPP	30.33960	75.95956	13:28:52	D	6.00
469	SANGRUR	DHURI	S-NPP	30.34290	75.95891	13:28:52	D	6.00
470	SANGRUR	DHURI	S-NPP	30.36232	75.81557	13:28:52	D	2.00
471	SANGRUR	DIRBA	S-NPP	29.97210	75.94888	13:28:52	D	3.70
472	SANGRUR	DIRBA	S-NPP	29.99551	75.96878	13:28:52	D	2.60
473	SANGRUR	DIRBA	S-NPP	29.99585	75.94827	13:28:52	D	4.10
474	SANGRUR	DIRBA	S-NPP	29.99644	75.95224	13:28:52	D	4.10
475	SANGRUR	DIRBA	S-NPP	30.00179	75.98798	13:28:52	D	7.60
476	SANGRUR	DIRBA	S-NPP	30.00510	75.98734	13:28:52	D	4.20
477	SANGRUR	DIRBA	S-NPP	30.00755	75.95823	13:28:52	D	2.70
478	SANGRUR	DIRBA	S-NPP	30.06397	76.01665	13:28:52	D	3.60
479	SANGRUR	DIRBA	S-NPP	30.08661	75.94361	13:28:52	D	5.90
480	SANGRUR	DIRBA	S-NPP	30.08991	75.94296	13:28:52	D	5.90
481	SANGRUR	DIRBA	S-NPP	30.15936	75.92919	13:28:52	D	3.70
482	SANGRUR	LEHRA GAGA	S-NPP	29.86515	75.84337	13:28:52	D	2.00
483	SANGRUR	LEHRA GAGA	S-NPP	29.86575	75.84733	13:28:52	D	2.00
484	SANGRUR	LEHRA GAGA	S-NPP	29.91848	75.97162	13:28:52	D	3.60
485	SANGRUR	LEHRA GAGA	S-NPP	29.95213	75.65876	13:28:52	D	1.70
486	SANGRUR	LEHRA GAGA	S-NPP	29.95583	75.90294	13:28:52	D	9.40
487	SANGRUR	MALERKOTLA-1	S-NPP	30.41796	75.82935	13:28:52	D	3.80
488	SANGRUR	MALERKOTLA-1	S-NPP	30.42828	75.96690	13:28:52	D	4.60
489	SANGRUR	MALERKOTLA-1	S-NPP	30.47486	75.98235	13:28:52	D	1.90
490	SANGRUR	MALERKOTLA-2	S-NPP	30.58906	75.68547	13:28:52	D	3.00
491	SANGRUR	MALERKOTLA-2	S-NPP	30.67519	75.87393	13:28:52	D	5.90

492	SANGRUR	SANGRUR	S-NPP	30.16134	75.60963	13:28:52	D	5.20
493	SANGRUR	SANGRUR	S-NPP	30.17418	75.89771	13:28:52	D	2.60
494	SANGRUR	SANGRUR	S-NPP	30.20374	75.73212	13:28:52	D	2.50
495	SANGRUR	SANGRUR	S-NPP	30.23767	75.79906	13:28:52	D	3.70
496	SANGRUR	SHER PUR	S-NPP	30.39215	75.79345	13:28:52	D	3.70
497	SANGRUR	SUNAM	S-NPP	29.98909	75.79023	13:28:52	D	3.00
498	SANGRUR	SUNAM	S-NPP	30.02334	75.74662	13:28:52	D	3.60
499	SANGRUR	SUNAM	S-NPP	30.02665	75.74596	13:28:52	D	3.60
500	SANGRUR	SUNAM	S-NPP	30.04261	75.67428	13:28:52	D	3.80
501	SANGRUR	SUNAM	S-NPP	30.04681	75.65708	13:28:52	D	2.00
502	SANGRUR	SUNAM	S-NPP	30.05253	75.76222	13:28:52	D	2.10
503	SANGRUR	SUNAM	S-NPP	30.06063	75.65839	13:28:52	D	3.50
504	SANGRUR	SUNAM	S-NPP	30.06299	75.85419	13:28:52	D	37.10
505	SANGRUR	SUNAM	S-NPP	30.07473	75.81912	13:28:52	D	5.50
506	SANGRUR	SUNAM	S-NPP	30.07680	75.85553	13:28:52	D	9.30
507	SANGRUR	SUNAM	S-NPP	30.07686	75.76554	13:28:52	D	2.50
508	SANGRUR	SUNAM	S-NPP	30.08011	75.85487	13:28:52	D	22.10
509	SANGRUR	SUNAM	S-NPP	30.08256	75.69079	13:28:52	D	2.70
510	SANGRUR	SUNAM	S-NPP	30.12372	75.76026	13:28:52	D	6.70
511	SANGRUR	SUNAM	S-NPP	30.13933	75.68349	13:28:52	D	4.10
512	SANGRUR	SUNAM	S-NPP	30.14186	75.68313	13:28:52	D	5.90
513	SANGRUR	SUNAM	S-NPP	30.14835	75.78808	13:28:52	D	2.30
514	SANGRUR	SUNAM	AQUA	30.04300	75.84400	13:18:16	D	50.10
515	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.54329	76.78252	13:28:52	D	3.00
516	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.60559	76.66581	13:28:52	D	5.30
517	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.71699	76.53316	13:28:52	D	1.30
518	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.72398	76.58201	13:28:52	D	6.60
519	SBS NAGAR	BALACHAUR	S-NPP	31.01794	76.32172	13:28:52	D	4.20
520	SBS NAGAR	BALACHAUR	S-NPP	31.01892	76.30482	13:28:52	D	5.30
521	SBS NAGAR	BALACHAUR	S-NPP	31.02009	76.31294	13:28:52	D	2.40
522	SBS NAGAR	NAWAN SHAHR	S-NPP	31.01633	76.19273	13:28:52	D	9.00
523	TARN TARAN	BHIKHIWIND	S-NPP	31.31602	74.62035	13:28:52	D	2.00
524	TARN TARAN	BHIKHIWIND	S-NPP	31.31805	74.61155	13:28:52	D	8.40

525	TARN TARAN	BHIKHIWIND	S-NPP	31.42413	74.66057	13:28:52	D	3.60
526	TARN TARAN	CHOHLA SAHIB	S-NPP	31.22727	75.00375	13:28:52	D	10.30
527	TARN TARAN	CHOHLA SAHIB	S-NPP	31.25409	74.98202	13:28:52	D	2.90
528	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27209	75.03220	13:28:52	D	4.30
529	TARN TARAN	GANDIWIND TATLA	S-NPP	31.45235	74.68796	13:28:52	D	1.60
530	TARN TARAN	GANDIWIND TATLA	S-NPP	31.46765	74.76398	13:28:52	D	4.10
531	TARN TARAN	GANDIWIND TATLA	S-NPP	31.47267	74.70867	13:28:52	D	3.10
532	TARN TARAN	GANDIWIND TATLA	S-NPP	31.47359	74.67089	13:28:52	D	1.80
533	TARN TARAN	GANDIWIND TATLA	S-NPP	31.47408	74.69585	13:28:52	D	7.00
534	TARN TARAN	GANDIWIND TATLA	S-NPP	31.48842	74.72201	13:28:52	D	2.90
535	TARN TARAN	GANDIWIND TATLA	S-NPP	31.48920	74.70515	13:28:52	D	3.50
536	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49220	74.74624	13:28:52	D	4.50
537	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49283	74.75028	13:28:52	D	8.20
538	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49596	74.68282	13:28:52	D	2.50
539	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49814	74.65311	13:28:52	D	5.90
540	TARN TARAN	GANDIWIND TATLA	S-NPP	31.51860	74.82819	13:28:52	D	2.30
541	TARN TARAN	GANDIWIND TATLA	S-NPP	31.52385	74.71470	13:28:52	D	3.60
542	TARN TARAN	GANDIWIND TATLA	S-NPP	31.53049	74.80089	13:28:52	D	2.20
543	TARN TARAN	KHADUR SAHIB	S-NPP	31.43683	75.15656	13:28:52	D	2.70
544	TARN TARAN	KHADUR SAHIB	S-NPP	31.43974	75.13103	13:28:52	D	2.00
545	TARN TARAN	KHADUR SAHIB	S-NPP	31.46037	75.06920	13:28:52	D	4.90
546	TARN TARAN	KHADUR SAHIB	S-NPP	31.47332	75.19463	13:28:52	D	2.70
547	TARN TARAN	KHADUR SAHIB	S-NPP	31.47454	75.20268	13:28:52	D	3.90
548	TARN TARAN	KHADUR SAHIB	S-NPP	31.48657	75.08450	13:28:52	D	4.90
549	TARN TARAN	KHADUR SAHIB	S-NPP	31.50824	75.09244	13:28:52	D	5.10
550	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.40468	75.01376	13:28:52	D	3.90
551	TARN TARAN	PATTI	S-NPP	31.17526	74.84453	13:28:52	D	6.70
552	TARN TARAN	PATTI	S-NPP	31.22678	74.93793	13:28:52	D	2.10
553	TARN TARAN	PATTI	S-NPP	31.24056	74.78546	13:28:52	D	7.40
554	TARN TARAN	PATTI	S-NPP	31.24386	74.78477	13:28:52	D	4.50
555	TARN TARAN	TARN TARAN	S-NPP	31.33397	74.80002	13:28:52	D	8.60
556	TARN TARAN	TARN TARAN	S-NPP	31.40304	74.82703	13:28:52	D	2.00
557	TARN TARAN	TARN TARAN	S-NPP	31.41635	74.89072	13:28:52	D	2.40

558	TARN TARAN	TARN TARAN	S-NPP	31.41919	74.80343	13:28:52	D	3.20
559	TARN TARAN	TARN TARAN	S-NPP	31.42249	74.80273	13:28:52	D	3.00
560	TARN TARAN	TARN TARAN	S-NPP	31.44106	74.79046	13:28:52	D	2.70
561	TARN TARAN	TARN TARAN	S-NPP	31.44169	74.79450	13:28:52	D	3.80
562	TARN TARAN	TARN TARAN	S-NPP	31.44325	74.84830	13:28:52	D	1.40
563	TARN TARAN	TARN TARAN	S-NPP	31.45632	74.77888	13:28:52	D	3.40
564	TARN TARAN	TARN TARAN	S-NPP	31.46984	74.82185	13:28:52	D	9.00
565	TARN TARAN	TARN TARAN	S-NPP	31.47817	74.85342	13:28:52	D	2.80
566	TARN TARAN	TARN TARAN	S-NPP	31.48691	74.90977	13:28:52	D	3.20
567	TARN TARAN	TARN TARAN	S-NPP	31.51003	74.90488	13:28:52	D	1.70
568	TARN TARAN	VALTOHA	S-NPP	31.13233	74.54939	13:28:52	D	3.60
569	TARN TARAN	VALTOHA	S-NPP	31.13375	74.64515	13:28:52	D	2.50
570	TARN TARAN	VALTOHA	S-NPP	31.13706	74.64444	13:28:52	D	2.50
571	TARN TARAN	VALTOHA	S-NPP	31.14509	74.63023	13:28:52	D	2.90
572	TARN TARAN	VALTOHA	S-NPP	31.14572	74.63426	13:28:52	D	2.90
573	TARN TARAN	VALTOHA	S-NPP	31.15743	74.55655	13:28:52	D	9.40
574	TARN TARAN	VALTOHA	S-NPP	31.17739	74.51513	13:28:52	D	9.10
575	TARN TARAN	VALTOHA	S-NPP	31.18975	74.67960	13:28:52	D	9.90
576	TARN TARAN	VALTOHA	S-NPP	31.19674	74.61552	13:28:52	D	10.90
577	TARN TARAN	VALTOHA	S-NPP	31.20299	74.67679	13:28:52	D	3.30
578	TARN TARAN	VALTOHA	S-NPP	31.20380	74.53040	13:28:52	D	8.60
579	TARN TARAN	VALTOHA	S-NPP	31.20711	74.52969	13:28:52	D	8.60
580	TARN TARAN	VALTOHA	S-NPP	31.21151	74.68748	13:28:52	D	5.20
581	TARN TARAN	VALTOHA	S-NPP	31.21608	74.58633	13:28:52	D	1.40
582	TARN TARAN	VALTOHA	S-NPP	31.24320	74.58469	13:28:52	D	1.50
583	TARN TARAN	VALTOHA	S-NPP	31.25365	74.60754	13:28:52	D	6.70
584	TARN TARAN	VALTOHA	S-NPP	31.25696	74.60683	13:28:52	D	2.70
585	TARN TARAN	VALTOHA	S-NPP	31.30504	74.57254	13:28:52	D	4.40
586	TARN TARAN	VALTOHA	S-NPP	31.31498	74.57041	13:28:52	D	2.10
587	TARN TARAN	VALTOHA	S-NPP	31.31648	74.53663	13:28:52	D	2.50
588	TARN TARAN	VALTOHA	S-NPP	31.31828	74.56970	13:28:52	D	14.30
589	TARN TARAN	VALTOHA	S-NPP	31.33100	74.54188	13:28:52	D	4.00

Details of residue burning events in Haryana on 26-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBALA	AMBALA-I	S-NPP	30.35491	76.90533	13:28:52	D	4.20
2	AMBALA	AMBALA-I	S-NPP	30.35896	76.93401	13:28:52	D	4.30
3	AMBALA	AMBALA-I	S-NPP	30.40019	76.81283	13:28:52	D	1.40
4	AMBALA	AMBALA-II	S-NPP	30.08279	76.60932	13:28:52	D	3.40
5	AMBALA	AMBALA-II	S-NPP	30.09611	76.60677	13:28:52	D	4.50
6	AMBALA	AMBALA-II	S-NPP	30.24986	76.56600	13:28:52	D	2.70
7	AMBALA	AMBALA-II	S-NPP	30.26139	76.62193	13:28:52	D	3.00
8	AMBALA	AMBALA-II	S-NPP	30.28402	76.75504	13:28:52	D	2.20
9	AMBALA	BARARA	S-NPP	30.19301	76.97195	13:28:52	D	1.10
10	AMBALA	SAHA	S-NPP	30.30819	77.06966	13:28:52	D	2.80
11	AMBALA	SAHA	S-NPP	30.31801	77.01714	13:28:52	D	31.60
12	FATEHABAD	BHUNA	S-NPP	29.46432	75.74235	13:28:52	D	5.40
13	FATEHABAD	BHUNA	S-NPP	29.49346	75.73248	13:28:52	D	21.60
14	FATEHABAD	BHUNA	S-NPP	29.53677	75.64259	13:28:52	D	4.00
15	FATEHABAD	BHUNA	S-NPP	29.63450	75.75592	02:19:35	N	1.30
16	FATEHABAD	JAKHAL	S-NPP	29.77061	75.71092	13:28:52	D	8.70
17	FATEHABAD	RATIA	S-NPP	29.67944	75.42752	13:28:52	D	6.40
18	FATEHABAD	TOHANA	S-NPP	29.61517	75.91175	13:28:52	D	13.50
19	FATEHABAD	TOHANA	S-NPP	29.68461	75.83385	13:28:52	D	1.90
20	FATEHABAD	TOHANA	S-NPP	29.70204	75.81409	13:28:52	D	6.30
21	FATEHABAD	TOHANA	S-NPP	29.74530	75.90344	13:28:52	D	2.40
22	HISAR	AADAMPUR	S-NPP	29.25553	75.51160	13:28:52	D	3.20
23	HISAR	BARWALA	S-NPP	29.44529	75.95333	13:28:52	D	4.30
24	HISAR	HANSI-I	S-NPP	29.25770	76.01013	13:28:52	D	1.20
25	HISAR	UKLANA	S-NPP	29.43187	75.84223	13:28:52	D	1.30
26	HISAR	UKLANA	S-NPP	29.54126	75.91822	13:28:52	D	1.40
27	JHAJJAR	BERI	S-NPP	28.75579	76.61066	13:28:52	D	3.10
28	JIND	NARWANA	S-NPP	29.68632	75.93532	13:28:52	D	2.10
29	JIND	SAFIDON	S-NPP	29.45379	76.53363	13:28:52	D	4.00
30	JIND	UCHANA	S-NPP	29.43486	76.31283	13:28:52	D	1.60
31	JIND	UCHANA	S-NPP	29.44829	76.15160	13:28:52	D	2.50
32	JIND	UCHANA	S-NPP	29.45271	76.13884	13:28:52	D	3.30

33	KAITHAL	GUHLA	S-NPP	30.04877	76.42176	13:28:52	D	2.20
34	KAITHAL	KAITHAL	S-NPP	29.76002	76.50111	13:28:52	D	3.20
35	KAITHAL	KAITHAL	S-NPP	29.85779	76.47844	13:28:52	D	8.40
36	KAITHAL	KALAYAT	S-NPP	29.65452	76.31153	13:28:52	D	3.60
37	KAITHAL	KALAYAT	S-NPP	29.73520	76.23969	13:28:52	D	1.60
38	KAITHAL	KALAYAT	S-NPP	29.73643	76.31712	13:28:52	D	3.80
39	KAITHAL	SIWAN	S-NPP	29.88535	76.20244	13:28:52	D	1.70
40	KAITHAL	SIWAN	S-NPP	29.91384	76.41831	13:28:52	D	2.70
41	KARNAL	GHARAUNDA	S-NPP	29.58437	77.02030	13:28:52	D	2.20
42	KURUKSHETRA	BABAIN	S-NPP	30.11135	76.98693	13:28:52	D	1.80
43	KURUKSHETRA	ISMAILABAD	S-NPP	30.10179	76.71767	13:28:52	D	2.20
44	KURUKSHETRA	ISMAILABAD	S-NPP	30.13848	76.71071	13:28:52	D	3.60
45	KURUKSHETRA	ISMAILABAD	S-NPP	30.14032	76.65221	13:28:52	D	2.10
46	KURUKSHETRA	ISMAILABAD	S-NPP	30.14365	76.65158	13:28:52	D	3.20
47	KURUKSHETRA	PEHOWA	S-NPP	29.96317	76.68729	02:19:35	N	2.40
48	KURUKSHETRA	PEHOWA	S-NPP	29.96386	76.68652	02:19:35	N	2.20
49	KURUKSHETRA	PEHOWA	S-NPP	30.04720	76.43443	13:28:52	D	2.30
50	KURUKSHETRA	THANESAR	S-NPP	29.93518	76.74964	02:19:35	N	4.90
51	KURUKSHETRA	THANESAR	S-NPP	29.93790	76.74796	13:28:52	D	3.90
52	KURUKSHETRA	THANESAR	S-NPP	30.00723	76.82086	02:19:35	N	3.50
53	KURUKSHETRA	THANESAR	S-NPP	30.11048	76.77843	13:28:52	D	3.30
54	PALWAL	HASSANPUR	S-NPP	27.99062	77.43769	13:28:52	D	2.70
55	PALWAL	PALWAL	S-NPP	28.10526	77.41300	13:28:52	D	1.80
56	PANIPAT	ISRANA	S-NPP	29.21736	76.83086	13:28:52	D	2.10
57	PANIPAT	MADLAUDA	S-NPP	29.31504	76.78162	02:19:35	N	0.70
58	ROHTAK	MEHAM	S-NPP	28.92096	76.42625	13:28:52	D	1.00
59	ROHTAK	ROHTAK	S-NPP	29.00063	76.55723	13:28:52	D	2.70
60	SIRSA	BARAGUNDA	S-NPP	29.68792	75.19698	13:28:52	D	6.10
61	SIRSA	BARAGUNDA	S-NPP	29.82051	75.08810	13:28:52	D	9.50
62	SIRSA	ODHAN	S-NPP	29.85634	74.95332	13:28:52	D	2.70
63	SONIPAT	GANAUR	S-NPP	29.14542	77.08260	13:28:52	D	2.00
64	SONIPAT	MUNDLANA	S-NPP	29.22332	76.57708	13:28:52	D	2.10
65	YAMUNANAGAR	BILASPUR	S-NPP	30.33240	77.34174	13:28:52	D	1.60
66	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.23565	77.32391	13:28:52	D	4.00
67	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.20881	77.23089	13:28:52	D	1.80

Details of residue burning events in Uttar Pradesh on 26-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AGRA	KURAU LI	S-NPP	27.16447	77.70527	13:28:52	D	1.40
2	AURAIYA	BIDHUNA	S-NPP	26.81215	79.69434	13:28:52	D	2.50
3	BAHRAICH	BAHRAICH	S-NPP	27.49405	81.70754	13:28:52	D	3.00
4	BARABANKI	FATEHPUR	S-NPP	27.20980	81.19157	13:28:52	D	5.10
5	BARABANKI	SIRAU LI GAUSPUR	S-NPP	27.00566	81.38210	13:28:52	D	4.70
6	BAREILLY	BAHERI	S-NPP	28.61555	79.46841	13:28:52	D	3.10
7	BAREILLY	BAHERI	S-NPP	28.61648	79.46602	13:28:52	D	2.90
8	BAREILLY	NAWABGANJ	S-NPP	28.42740	79.70382	13:28:52	D	2.80
9	BASTI	BASTI	S-NPP	26.81394	82.64854	13:28:52	D	1.60
10	ETAWAH	BHARTHNA	S-NPP	26.64632	79.26057	13:28:52	D	5.00
11	ETAWAH	BHARTHNA	S-NPP	26.80025	79.28226	13:28:52	D	3.80
12	ETAWAH	BHARTHNA	S-NPP	26.89096	79.20634	13:28:52	D	3.20
13	ETAWAH	ETAWAH	S-NPP	26.77680	79.10535	13:28:52	D	1.10
14	ETAWAH	ETAWAH	S-NPP	26.77685	79.07909	13:28:52	D	3.20
15	ETAWAH	ETAWAH	S-NPP	26.87035	79.07764	13:28:52	D	1.00
16	ETAWAH	ETAWAH	S-NPP	26.99287	79.13728	13:28:52	D	3.60
17	FAIZABAD	BIKAPUR	S-NPP	26.62545	82.10607	13:28:52	D	2.30
18	FARRUKHABAD	FARRUKHABAD	S-NPP	27.33905	79.48067	13:28:52	D	2.50
19	FATEHPUR	FATEHPUR	S-NPP	25.86265	80.68235	13:28:52	D	2.10
20	FATEHPUR	FATEHPUR	S-NPP	25.89356	80.65797	13:28:52	D	6.60
21	FATEHPUR	FATEHPUR	S-NPP	25.97369	80.72485	13:28:52	D	2.10
22	FIROZABAD	SIKOHABAD	S-NPP	27.05548	78.64184	13:28:52	D	5.10
23	FIROZABAD	SIKOHABAD	S-NPP	27.05891	78.64126	13:28:52	D	5.10
24	GHAZIABAD	GHAZIABAD	S-NPP	28.65081	77.56130	02:19:35	N	0.40
25	HARDOI	HARDOI	S-NPP	27.38752	79.92581	13:28:52	D	5.30
26	HARDOI	HARDOI	S-NPP	27.38813	79.92747	13:28:52	D	3.40
27	HARDOI	SHAHABAD	S-NPP	27.55273	79.91257	13:28:52	D	3.90
28	HARDOI	SHAHABAD	S-NPP	27.58963	79.88272	13:28:52	D	3.10
29	HARDOI	SHAHABAD	AQUA	27.55000	79.90700	13:18:16	D	27.80
30	HARDOI	SHAHABAD	AQUA	27.55000	79.91200	13:18:16	D	24.50

31	JHANSI	JHANSI	S-NPP	25.57231	78.71152	13:28:52	D	5.10
32	JHANSI	MOTH	S-NPP	25.66076	78.87585	13:28:52	D	3.40
33	JHANSI	MOTH	S-NPP	25.85274	78.93382	13:28:52	D	3.80
34	JHANSI	MOTH	S-NPP	25.85975	78.88205	13:28:52	D	5.20
35	KANPUR DEHAT	AKBARPUR	S-NPP	26.37010	80.08467	13:28:52	D	3.00
36	KANPUR DEHAT	AKBARPUR	S-NPP	26.39314	79.97794	13:28:52	D	5.40
37	KANPUR DEHAT	BHOGANIPUR	S-NPP	26.18316	79.82323	13:28:52	D	2.40
38	KANPUR DEHAT	RASULABAD	S-NPP	26.71525	79.74983	13:28:52	D	3.00
39	KANPUR DEHAT	RASULABAD	S-NPP	26.74672	79.72321	13:28:52	D	1.30
40	KANPUR DEHAT	SIKANDRA	S-NPP	26.36252	79.66123	13:28:52	D	4.50
41	KANPUR DEHAT	SIKANDRA	S-NPP	26.37014	79.74637	13:28:52	D	2.10
42	KASGANJ	PATIALI	S-NPP	27.59875	78.96779	13:28:52	D	2.60
43	KAUSHAMBI	MANJHANPUR	S-NPP	25.37687	81.44357	13:28:52	D	4.60
44	KAUSHAMBI	MANJHANPUR	S-NPP	25.40108	81.32471	13:28:52	D	3.20
45	LALITPUR	KHAGA	S-NPP	24.40528	78.71167	13:28:52	D	2.40
46	MAINPURI	BHOGAON	S-NPP	27.06391	79.21421	13:28:52	D	4.50
47	MAINPURI	BHOGAON	S-NPP	27.10103	79.08514	13:28:52	D	1.40
48	MAINPURI	MAINPURI	S-NPP	27.12900	78.94882	13:28:52	D	1.50
49	MAINPURI	MAINPURI	S-NPP	27.20720	78.81098	13:28:52	D	2.80
50	MAINPURI	MAINPURI	S-NPP	27.22796	78.85960	13:28:52	D	1.90
51	MATHURA	CHHATA	S-NPP	27.62455	77.50641	13:28:52	D	4.20
52	MATHURA	CHHATA	S-NPP	27.72407	77.51739	13:28:52	D	2.20
53	MATHURA	CHHATA	S-NPP	27.75821	77.37265	13:28:52	D	3.30
54	MATHURA	MATHURA	S-NPP	27.50442	77.56458	13:28:52	D	2.00
55	MORADABAD	MORADABAD	S-NPP	29.09780	78.96262	13:28:52	D	3.50
56	PILHIBHIT	BISALPUR	S-NPP	28.19907	79.89445	13:28:52	D	2.00
57	PILHIBHIT	BISALPUR	S-NPP	28.20272	79.89387	13:28:52	D	3.40
58	RAMPUR	BILASPUR	S-NPP	28.83410	79.25348	13:28:52	D	3.40
59	RAMPUR	BILASPUR	S-NPP	28.87222	79.20961	13:28:52	D	3.00
60	RAMPUR	BILASPUR	S-NPP	28.91029	79.22214	13:28:52	D	3.00
61	RAMPUR	BILASPUR	S-NPP	28.92600	79.39969	13:28:52	D	4.40
62	RAMPUR	BILASPUR	S-NPP	28.92699	79.40099	13:28:52	D	4.10
63	RAMPUR	SUAR	S-NPP	28.90456	79.16341	13:28:52	D	2.20

64	RAMPUR	TANDA	S-NPP	29.08562	78.97192	13:28:52	D	2.30
65	RAMPUR	TANDA	S-NPP	29.08834	78.97346	13:28:52	D	2.70
66	RAMPUR	TANDA	S-NPP	29.09303	78.98194	13:28:52	D	3.80
67	RAMPUR	TANDA	S-NPP	29.09389	78.97980	13:28:52	D	4.50
68	SAMBHAL	CHANDAUSI	S-NPP	28.46924	78.71076	13:28:52	D	2.20
69	SHAHJAHANPUR	PUWANYA	S-NPP	28.17213	80.20522	13:28:52	D	3.60
70	SHAHJAHANPUR	PUWANYA	AQUA	28.02200	80.11100	02:25:52	N	6.20
71	SHARANPUR	NAKUR	S-NPP	29.69226	77.27213	13:28:52	D	2.20
72	SHARANPUR	NAKUR	S-NPP	29.69563	77.27150	13:28:52	D	2.20
73	SHARANPUR	NAKUR	S-NPP	29.93339	77.22560	13:28:52	D	1.70
74	SHARANPUR	NAKUR	S-NPP	29.94242	77.24084	13:28:52	D	2.90
75	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.70740	77.40446	13:28:52	D	1.80
76	UNNAO	PURWA	S-NPP	26.42533	80.99142	13:28:52	D	2.80
77	UNNAO	PURWA	S-NPP	26.42912	80.99086	13:28:52	D	8.30
78	UNNAO	SAFIPUR	S-NPP	26.71520	80.26493	13:28:52	D	2.60

Details of residue burning events in Rajasthan on 26-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARAN	CHHABRA	S-NPP	24.63020	76.87189	13:28:52	D	4.90
2	BARAN	CHHABRA	S-NPP	24.64980	76.91107	13:28:52	D	4.10
3	BARAN	CHHABRA	S-NPP	24.69427	76.95730	13:28:52	D	4.40
4	BARAN	CHHABRA	S-NPP	24.69846	77.00707	13:28:52	D	2.30
5	BARAN	KISHANGUNJ	S-NPP	24.96730	76.70866	13:28:52	D	3.40
6	BARAN	KISHANGUNJ	S-NPP	25.23492	76.86591	13:28:52	D	7.40
7	BARAN	KISHANGUNJ	S-NPP	25.23717	76.65845	13:28:52	D	1.40
8	BARAN	KISHANGUNJ	S-NPP	25.24600	76.87167	13:28:52	D	9.50
9	BARAN	KISHANGUNJ	S-NPP	25.26363	76.65352	13:28:52	D	1.70
10	BARAN	SHAHBAD	S-NPP	25.10740	77.04939	13:28:52	D	3.50
11	BARAN	SHAHBAD	S-NPP	25.12750	76.91308	13:28:52	D	2.90
12	BARAN	SHAHBAD	S-NPP	25.12808	76.91688	13:28:52	D	2.90
13	BARAN	SHAHBAD	S-NPP	25.13009	76.91245	13:28:52	D	13.70
14	BARAN	SHAHBAD	S-NPP	25.13875	77.03197	13:28:52	D	3.20
15	BARAN	SHAHBAD	S-NPP	25.15151	76.89681	13:28:52	D	9.20
16	BARAN	SHAHBAD	S-NPP	25.18146	77.00449	13:28:52	D	2.70
17	BARAN	SHAHBAD	S-NPP	25.23913	77.04861	13:28:52	D	2.20
18	BARAN	SHAHBAD	S-NPP	25.23971	77.05240	13:28:52	D	2.20
19	BARAN	SHAHBAD	S-NPP	25.27165	76.99585	13:28:52	D	1.50
20	BUNDI	BUNDI	S-NPP	25.28249	75.74236	13:28:52	D	1.70
21	BUNDI	BUNDI	S-NPP	25.31446	75.85606	13:28:52	D	4.60
22	BUNDI	BUNDI	S-NPP	25.31779	75.85541	13:28:52	D	2.90
23	BUNDI	BUNDI	S-NPP	25.48181	75.79575	13:28:52	D	2.70
24	BUNDI	KESHORAIPATAN	S-NPP	25.27424	76.00613	13:28:52	D	10.30
25	BUNDI	KESHORAIPATAN	S-NPP	25.32660	75.99689	13:28:52	D	4.20
26	BUNDI	KESHORAIPATAN	S-NPP	25.32782	76.00459	13:28:52	D	4.10
27	BUNDI	KESHORAIPATAN	S-NPP	25.33623	75.97122	13:28:52	D	5.10
28	BUNDI	KESHORAIPATAN	S-NPP	25.35331	75.88443	13:28:52	D	2.80
29	BUNDI	KESHORAIPATAN	S-NPP	25.39792	75.97130	13:28:52	D	2.20
30	BUNDI	KESHORAIPATAN	S-NPP	25.42254	75.96252	13:28:52	D	2.60

31	BUNDI	KESHORAIPTAN	S-NPP	25.43320	76.00811	13:28:52	D	4.80
32	BUNDI	KESHORAIPTAN	S-NPP	25.43382	76.01196	13:28:52	D	4.80
33	BUNDI	KESHORAIPTAN	S-NPP	25.43504	76.01965	13:28:52	D	3.40
34	BUNDI	KESHORAIPTAN	S-NPP	25.48640	76.04153	13:28:52	D	2.80
35	GANGANAGAR	RAISINGHNAGAR	S-NPP	29.35634	73.54552	13:28:52	D	3.10
36	GANGANAGAR	RAISINGHNAGAR	S-NPP	29.35952	73.51028	13:28:52	D	6.50
37	GANGANAGAR	RAISINGHNAGAR	S-NPP	29.36294	73.50954	13:28:52	D	3.90
38	GANGANAGAR	RAISINGHNAGAR	S-NPP	29.36318	73.53159	13:28:52	D	3.10
39	GANGANAGAR	RAISINGHNAGAR	S-NPP	29.36367	73.51379	13:28:52	D	3.10
40	GANGANAGAR	RAISINGHNAGAR	S-NPP	29.36587	73.52657	13:28:52	D	5.90
41	HANUMANGARH	HANUMANGARH	S-NPP	29.71151	74.33868	13:28:52	D	4.50
42	HANUMANGARH	HANUMANGARH	S-NPP	29.71204	74.33470	13:28:52	D	2.10
43	HANUMANGARH	HANUMANGARH	S-NPP	29.71271	74.33877	13:28:52	D	2.10
44	HANUMANGARH	TIBI	S-NPP	29.60603	74.44459	13:28:52	D	2.30
45	HANUMANGARH	TIBI	S-NPP	29.62461	74.47416	13:28:52	D	2.30
46	KOTA	DIGOD	S-NPP	25.11092	76.12833	13:28:52	D	2.00
47	KOTA	DIGOD	S-NPP	25.11556	76.11967	13:28:52	D	4.00
48	KOTA	DIGOD	S-NPP	25.18834	76.16901	13:28:52	D	7.30
49	KOTA	LADPURA	S-NPP	25.15919	75.94090	13:28:52	D	2.90
50	KOTA	LADPURA	S-NPP	25.19614	75.95766	13:28:52	D	1.60
51	KOTA	LADPURA	S-NPP	25.19792	75.95725	13:28:52	D	2.70
52	KOTA	LADPURA	S-NPP	25.23487	75.97399	13:28:52	D	3.30
53	KOTA	PIPALDA	S-NPP	25.42532	76.51811	13:28:52	D	4.20
54	KOTA	PIPALDA	S-NPP	25.46135	76.53097	13:28:52	D	7.40
55	KOTA	PIPALDA	S-NPP	25.46465	76.53035	13:28:52	D	11.20
56	KOTA	PIPALDA	S-NPP	25.49928	76.51209	13:28:52	D	11.80
57	KOTA	SANGOD	S-NPP	25.08131	76.20107	13:28:52	D	3.50
58	SWAIMADHOPUR	KHANDAR	S-NPP	25.93604	76.62315	13:28:52	D	6.00
59	SWAIMADHOPUR	KHANDAR	S-NPP	25.98160	76.61450	13:28:52	D	21.40

Details of residue burning events in Madhya Pradesh on 26-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.44160	77.50344	13:28:52	D	2.20
2	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.46548	77.48362	13:28:52	D	3.00
3	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.54263	77.86749	13:28:52	D	5.00
4	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.61062	77.73472	13:28:52	D	2.00
5	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.62670	77.75143	13:28:52	D	2.40
6	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.65735	77.61327	13:28:52	D	4.20
7	ASHOKNAGAR	ISAGARH	S-NPP	24.68708	77.76816	13:28:52	D	4.10
8	ASHOKNAGAR	ISAGARH	S-NPP	24.70441	77.83954	13:28:52	D	2.70
9	ASHOKNAGAR	ISAGARH	S-NPP	24.71935	77.82515	13:28:52	D	9.30
10	ASHOKNAGAR	ISAGARH	S-NPP	24.73915	77.84917	13:28:52	D	4.10
11	ASHOKNAGAR	ISAGARH	S-NPP	24.86247	77.82518	02:19:35	N	0.40
12	ASHOKNAGAR	MUNGAOLI	S-NPP	24.27275	77.93831	13:28:52	D	5.00
13	ASHOKNAGAR	MUNGAOLI	S-NPP	24.32295	77.91390	13:28:52	D	8.40
14	ASHOKNAGAR	MUNGAOLI	S-NPP	24.37176	77.94447	13:28:52	D	3.50
15	ASHOKNAGAR	MUNGAOLI	S-NPP	24.51079	77.92393	13:28:52	D	8.50
16	ASHOKNAGAR	MUNGAOLI	S-NPP	24.51412	77.92336	13:28:52	D	8.50
17	BETUL	BETUL	S-NPP	22.05911	78.01086	13:28:52	D	1.70
18	BHIND	LAHAR	S-NPP	26.13077	78.85043	13:28:52	D	3.60
19	BHIND	LAHAR	S-NPP	26.25256	78.92483	13:28:52	D	3.30
20	BHIND	MAHGAWAN	S-NPP	26.52665	78.41720	13:28:52	D	3.20
21	BHIND	MAJHGAWAN	S-NPP	26.32547	79.03313	13:28:52	D	4.00
22	BHOPAL	BERASIYA	S-NPP	23.52769	77.47677	13:28:52	D	2.50
23	BHOPAL	BERASIYA	S-NPP	23.52863	77.43810	13:28:52	D	3.60
24	BHOPAL	BERASIYA	S-NPP	23.56531	77.50089	13:28:52	D	4.80
25	BHOPAL	BERASIYA	S-NPP	23.60489	77.38268	13:28:52	D	2.60
26	BHOPAL	BERASIYA	S-NPP	23.70334	77.58476	13:28:52	D	6.30
27	CHHINDWARA	AMARWARA	S-NPP	22.31965	79.27959	13:28:52	D	2.00
28	CHHINDWARA	BICHHUA	S-NPP	21.85800	79.19297	13:28:52	D	2.90
29	CHHINDWARA	CHAURAI	S-NPP	22.12327	79.34379	13:28:52	D	2.90

30	CHHINDWARA	CHAURAI	S-NPP	22.16195	79.31766	13:28:52	D	2.30
31	DAMOH	JABERA	S-NPP	23.61616	79.79854	13:28:52	D	2.70
32	DAMOH	JABERA	S-NPP	23.61672	79.80270	13:28:52	D	2.70
33	DAMOH	PATERA	S-NPP	23.88692	79.78650	13:28:52	D	1.80
34	DATIA	BHANDER	S-NPP	25.62985	78.70205	13:28:52	D	2.90
35	DATIA	BHANDER	S-NPP	25.87318	78.72484	13:28:52	D	3.20
36	DATIA	BHANDER	S-NPP	25.88513	78.71033	13:28:52	D	3.60
37	DATIA	BHANDER	S-NPP	25.94078	78.70984	13:28:52	D	5.40
38	DATIA	BHANDER	S-NPP	25.94184	78.74306	13:28:52	D	2.20
39	DATIA	BHANDER	S-NPP	25.98392	78.76946	13:28:52	D	7.80
40	DATIA	BHANDER	S-NPP	25.98449	78.77355	13:28:52	D	7.80
41	DATIA	DATIA	S-NPP	25.57008	78.29895	13:28:52	D	8.60
42	DATIA	DATIA	S-NPP	25.62444	78.53812	13:28:52	D	2.40
43	DATIA	DATIA	S-NPP	25.71145	78.58614	13:28:52	D	2.70
44	DATIA	DATIA	S-NPP	25.71454	78.28725	13:28:52	D	1.70
45	DATIA	DATIA	S-NPP	25.74207	78.50694	13:28:52	D	3.50
46	DATIA	DATIA	S-NPP	25.74660	78.41607	13:28:52	D	4.20
47	DATIA	DATIA	S-NPP	25.74706	78.61726	13:28:52	D	2.80
48	DATIA	DATIA	S-NPP	25.74942	78.41150	13:28:52	D	2.40
49	DATIA	SEONDHA	S-NPP	25.79711	78.47724	13:28:52	D	6.90
50	DATIA	SEONDHA	S-NPP	25.80834	78.50818	13:28:52	D	2.40
51	DATIA	SEONDHA	S-NPP	25.81453	78.52769	13:28:52	D	3.70
52	DATIA	SEONDHA	S-NPP	25.81620	78.53976	13:28:52	D	3.90
53	DATIA	SEONDHA	S-NPP	25.81959	78.53918	13:28:52	D	3.10
54	DATIA	SEONDHA	S-NPP	25.82200	78.40742	13:28:52	D	2.60
55	DATIA	SEONDHA	S-NPP	25.82355	78.54263	13:28:52	D	3.10
56	DATIA	SEONDHA	S-NPP	25.82626	78.61234	13:28:52	D	1.70
57	DATIA	SEONDHA	S-NPP	25.82694	78.54205	13:28:52	D	1.60
58	DATIA	SEONDHA	S-NPP	25.83824	78.54837	13:28:52	D	4.10
59	DATIA	SEONDHA	S-NPP	25.84441	78.59272	13:28:52	D	1.90
60	DATIA	SEONDHA	S-NPP	25.89647	78.49314	13:28:52	D	7.10
61	DATIA	SEONDHA	S-NPP	25.92747	78.56256	13:28:52	D	5.60
62	DATIA	SEONDHA	S-NPP	25.93031	78.55795	13:28:52	D	2.30

63	DATIA	SEONDHA	S-NPP	25.93087	78.56199	13:28:52	D	3.70
64	DATIA	SEONDHA	S-NPP	25.93687	78.68131	13:28:52	D	7.40
65	DATIA	SEONDHA	S-NPP	25.98568	78.73150	13:28:52	D	2.00
66	DATIA	SEONDHA	S-NPP	26.03920	78.73921	13:28:52	D	7.90
67	DATIA	SEONDHA	S-NPP	26.06233	78.78605	13:28:52	D	5.80
68	DEWAS	BAGLI	S-NPP	22.70631	76.22310	13:28:52	D	2.90
69	GUNA	ARON	S-NPP	24.28337	77.50856	13:28:52	D	2.80
70	GUNA	ARON	S-NPP	24.29274	77.50301	13:28:52	D	2.30
71	GUNA	ARON	S-NPP	24.36164	77.37807	13:28:52	D	4.90
72	GUNA	ARON	S-NPP	24.39963	77.35963	13:28:52	D	1.40
73	GUNA	ARON	S-NPP	24.40179	77.48724	13:28:52	D	6.30
74	GUNA	ARON	S-NPP	24.40784	77.48228	13:28:52	D	4.60
75	GUNA	ARON	S-NPP	24.41891	77.35229	13:28:52	D	2.20
76	GUNA	ARON	S-NPP	24.43488	77.34555	13:28:52	D	4.00
77	GUNA	ARON	S-NPP	24.49471	77.47452	13:28:52	D	5.40
78	GUNA	GUNA	S-NPP	24.55127	77.39837	13:28:52	D	3.70
79	GUNA	GUNA	S-NPP	24.56732	77.44252	13:28:52	D	2.10
80	GUNA	GUNA	S-NPP	24.59381	77.43778	13:28:52	D	3.10
81	GUNA	GUNA	S-NPP	24.66938	77.12897	13:28:52	D	2.50
82	GUNA	GUNA	S-NPP	24.67874	77.12339	13:28:52	D	3.30
83	GUNA	GUNA	S-NPP	24.71155	77.07078	13:28:52	D	1.00
84	GUNA	GUNA	S-NPP	24.74376	77.13085	13:28:52	D	5.80
85	GUNA	GUNA	S-NPP	24.75412	77.10953	13:28:52	D	2.30
86	GUNA	GUNA	S-NPP	24.76316	77.48144	13:28:52	D	2.70
87	GUNA	GUNA	S-NPP	24.76372	77.48524	13:28:52	D	4.90
88	GUNA	GUNA	S-NPP	24.76780	77.08761	13:28:52	D	10.40
89	GUNA	GUNA	S-NPP	24.79265	77.45654	13:28:52	D	6.00
90	GUNA	GUNA	S-NPP	24.85116	77.44786	02:19:35	N	0.50
91	GUNA	GUNA	S-NPP	24.87175	77.48530	13:28:52	D	3.70
92	GUNA	GUNA	S-NPP	24.88169	77.07851	13:28:52	D	1.60
93	GUNA	GUNA	S-NPP	24.89518	77.12276	13:28:52	D	4.50
94	GUNA	GUNA	S-NPP	24.89576	77.12654	13:28:52	D	8.40
95	GUNA	GUNA	S-NPP	24.92257	77.19170	13:28:52	D	2.70

96	GUNA	GUNA	S-NPP	24.93215	77.11993	13:28:52	D	2.40
97	GUNA	GUNA	S-NPP	24.93546	77.11933	13:28:52	D	2.40
98	GUNA	GUNA	S-NPP	24.94528	77.12183	13:28:52	D	10.00
99	GUNA	GUNA	S-NPP	25.00197	77.31803	13:28:52	D	6.90
100	GUNA	GUNA	S-NPP	25.04369	77.01035	13:28:52	D	7.80
101	GUNA	GUNA	S-NPP	25.06339	76.98335	13:28:52	D	2.00
102	GUNA	RAGHOGARH	S-NPP	24.43517	77.12450	13:28:52	D	2.10
103	GUNA	RAGHOGARH	S-NPP	24.47544	77.12107	13:28:52	D	2.40
104	GUNA	RAGHOGARH	AQUA	24.47900	77.14700	02:25:52	N	15.90
105	GWALIOR	BHITARWAR	S-NPP	25.75361	77.95017	13:28:52	D	2.50
106	GWALIOR	DABRA	S-NPP	25.87998	78.22259	13:28:52	D	4.30
107	GWALIOR	DABRA	S-NPP	25.94624	78.27618	13:28:52	D	3.10
108	GWALIOR	GWALIOR	S-NPP	26.06337	77.82462	13:28:52	D	0.90
109	HARDA	HARDA	S-NPP	22.35498	77.13432	13:28:52	D	1.70
110	HARDA	KHIRKIYAN	S-NPP	22.16591	77.11488	13:28:52	D	1.60
111	HARDA	TIMURNI	S-NPP	22.29019	77.23816	13:28:52	D	2.20
112	HARDA	TIMURNI	S-NPP	22.35485	77.23811	13:28:52	D	2.60
113	HARDA	TIMURNI	S-NPP	22.36562	77.28596	13:28:52	D	3.40
114	HARDA	TIMURNI	S-NPP	22.42012	77.29127	13:28:52	D	4.60
115	HOSHANGABAD	BABAI	S-NPP	22.67779	77.98367	13:28:52	D	2.70
116	HOSHANGABAD	BABAI	S-NPP	22.69272	77.99257	13:28:52	D	4.40
117	HOSHANGABAD	BABAI	S-NPP	22.71493	77.85114	13:28:52	D	2.10
118	HOSHANGABAD	BABAI	S-NPP	22.72223	77.92262	13:28:52	D	1.80
119	HOSHANGABAD	BABAI	S-NPP	22.72400	78.00280	13:28:52	D	5.10
120	HOSHANGABAD	BABAI	S-NPP	22.73217	77.92090	13:28:52	D	5.70
121	HOSHANGABAD	BANKHERI	S-NPP	22.85763	78.53954	13:28:52	D	3.30
122	HOSHANGABAD	BANKHERI	S-NPP	22.87991	78.51247	13:28:52	D	4.60
123	HOSHANGABAD	HOSHANGABAD	S-NPP	22.63449	77.65073	13:28:52	D	12.40
124	HOSHANGABAD	HOSHANGABAD	S-NPP	22.63844	77.67680	13:28:52	D	3.40
125	HOSHANGABAD	HOSHANGABAD	S-NPP	22.63900	77.68053	13:28:52	D	3.40
126	HOSHANGABAD	HOSHANGABAD	S-NPP	22.63925	77.61961	13:28:52	D	3.70
127	HOSHANGABAD	HOSHANGABAD	S-NPP	22.64256	77.61903	13:28:52	D	3.70
128	HOSHANGABAD	HOSHANGABAD	S-NPP	22.66467	77.63044	13:28:52	D	2.80

129	HOSHANGABAD	HOSHANGABAD	S-NPP	22.66669	77.57655	13:28:52	D	1.90
130	HOSHANGABAD	HOSHANGABAD	S-NPP	22.69228	77.63323	13:28:52	D	3.40
131	HOSHANGABAD	HOSHANGABAD	S-NPP	22.71334	77.66014	13:28:52	D	2.50
132	HOSHANGABAD	HOSHANGABAD	S-NPP	22.71797	77.73579	13:28:52	D	2.20
133	HOSHANGABAD	ITARSI	S-NPP	22.36034	77.74126	13:28:52	D	4.00
134	HOSHANGABAD	ITARSI	S-NPP	22.61680	77.84879	13:28:52	D	1.60
135	HOSHANGABAD	ITARSI	S-NPP	22.63125	77.89983	13:28:52	D	3.00
136	HOSHANGABAD	ITARSI	S-NPP	22.63847	77.92536	13:28:52	D	2.50
137	HOSHANGABAD	ITARSI	S-NPP	22.64216	77.83672	13:28:52	D	4.90
138	HOSHANGABAD	ITARSI	S-NPP	22.65523	77.76559	13:28:52	D	3.10
139	HOSHANGABAD	SEONI MALWA	S-NPP	22.35604	77.46729	13:28:52	D	4.10
140	HOSHANGABAD	SEONI MALWA	S-NPP	22.35934	77.46671	13:28:52	D	4.70
141	HOSHANGABAD	SEONI MALWA	S-NPP	22.36038	77.45125	13:28:52	D	5.60
142	HOSHANGABAD	SEONI MALWA	S-NPP	22.38544	77.50410	13:28:52	D	1.60
143	HOSHANGABAD	SEONI MALWA	S-NPP	22.42998	77.37749	13:28:52	D	1.70
144	HOSHANGABAD	SEONI MALWA	S-NPP	22.43176	77.52234	13:28:52	D	1.20
145	HOSHANGABAD	SEONI MALWA	S-NPP	22.45179	77.56460	13:28:52	D	9.40
146	HOSHANGABAD	SEONI MALWA	S-NPP	22.45235	77.56832	13:28:52	D	9.40
147	HOSHANGABAD	SEONI MALWA	S-NPP	22.45985	77.28419	13:28:52	D	1.60
148	HOSHANGABAD	SEONI MALWA	S-NPP	22.48440	77.57795	13:28:52	D	1.60
149	HOSHANGABAD	SEONI MALWA	S-NPP	22.53235	77.49295	13:28:52	D	1.70
150	HOSHANGABAD	SEONI MALWA	S-NPP	22.54615	77.49433	13:28:52	D	3.90
151	HOSHANGABAD	SEONI MALWA	S-NPP	22.54671	77.49801	13:28:52	D	3.90
152	HOSHANGABAD	SEONI MALWA	S-NPP	22.55191	77.55442	13:28:52	D	3.30
153	HOSHANGABAD	SEONI MALWA	S-NPP	22.55587	77.58047	13:28:52	D	4.80
154	HOSHANGABAD	SEONI MALWA	S-NPP	22.60597	77.41873	13:28:52	D	1.90
155	HOSHANGABAD	SEONI MALWA	S-NPP	22.61261	77.55135	13:28:52	D	1.10
156	JABALPUR	JABALPUR	S-NPP	22.93191	79.79360	13:28:52	D	1.40
157	JABALPUR	JABALPUR	S-NPP	22.99448	79.98232	13:28:52	D	1.10
158	JABALPUR	JABALPUR	S-NPP	23.20922	80.08563	13:28:52	D	3.60
159	JABALPUR	JABALPUR	S-NPP	23.20962	80.08617	13:28:52	D	5.20
160	JABALPUR	PATAN	S-NPP	23.22690	79.66515	13:28:52	D	3.60
161	JABALPUR	SAHPURA	S-NPP	22.94829	79.64270	13:28:52	D	3.40

162	JABALPUR	SAHPURA	S-NPP	23.12181	79.78593	13:28:52	D	3.60
163	KATNI	BAHURIBAND	S-NPP	23.64272	80.12918	13:28:52	D	3.20
164	KATNI	DHIMERKHEDA	S-NPP	23.41818	80.32857	13:28:52	D	3.90
165	KATNI	DHIMERKHEDA	S-NPP	23.52728	80.23315	13:28:52	D	3.30
166	MANDLA	MANDLA	S-NPP	22.62447	80.40993	13:28:52	D	1.90
167	MANDSAUR	MANDSAUR	S-NPP	23.76888	74.95376	13:28:52	D	4.50
168	MORENA	JORA	S-NPP	26.35148	77.71793	13:28:52	D	2.10
169	MORENA	JORA	S-NPP	26.37204	77.69421	13:28:52	D	4.40
170	MORENA	SABALGARH	S-NPP	26.21633	77.31986	13:28:52	D	2.40
171	MORENA	SABALGARH	S-NPP	26.25361	77.36463	13:28:52	D	2.20
172	MORENA	SABALGARH	S-NPP	26.27136	77.36936	13:28:52	D	1.30
173	NARSHIMAPURA	GADARWARA	S-NPP	22.92423	78.62972	13:28:52	D	3.80
174	NARSHIMAPURA	GADARWARA	S-NPP	22.94206	78.63454	13:28:52	D	1.80
175	NARSHIMAPURA	KARELI	S-NPP	22.87542	79.14325	13:28:52	D	3.10
176	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.83020	79.41555	13:28:52	D	1.50
177	NARSHIMAPURA	NARSIMHAPUR	S-NPP	23.05427	79.22652	13:28:52	D	4.90
178	RAISEN	GAIRATGANJ	S-NPP	23.34230	78.08810	13:28:52	D	1.30
179	RAISEN	GAIRATGANJ	S-NPP	23.44595	78.26788	13:28:52	D	0.90
180	RAISEN	GOHARGANJ	S-NPP	22.98981	77.54189	13:28:52	D	1.90
181	RAISEN	GOHARGANJ	S-NPP	23.01136	77.54958	13:28:52	D	3.60
182	RAISEN	GOHARGANJ	S-NPP	23.01467	77.54900	13:28:52	D	3.00
183	RAISEN	GOHARGANJ	S-NPP	23.03775	77.52190	13:28:52	D	2.00
184	RAISEN	GOHARGANJ	S-NPP	23.17369	77.63943	13:28:52	D	2.30
185	RAISEN	RAISEN	S-NPP	23.38935	77.62771	02:19:35	N	0.60
186	RAISEN	RAISEN	S-NPP	23.48789	77.74972	13:28:52	D	25.00
187	SAGAR	BANDA	S-NPP	24.00906	78.91364	13:28:52	D	3.50
188	SAGAR	DEVRI	S-NPP	23.52398	79.12630	13:28:52	D	3.10
189	SAGAR	GARHAKOTA	S-NPP	23.72407	79.13840	13:28:52	D	5.20
190	SAGAR	GARHAKOTA	S-NPP	23.72422	79.13828	13:28:52	D	4.80
191	SAGAR	KESALI	S-NPP	23.52589	78.79690	13:28:52	D	2.50
192	SAGAR	REHLI	S-NPP	23.57198	79.17115	13:28:52	D	3.40
193	SAGAR	REHLI	S-NPP	23.64867	78.99691	13:28:52	D	2.90
194	SAGAR	SAGAR	S-NPP	23.62099	78.72929	13:28:52	D	5.70

195	SAGAR	SAGAR	S-NPP	23.88680	78.97016	02:19:35	N	0.60
196	SATNA	MAIHAR	S-NPP	24.27910	80.81110	13:28:52	D	2.40
197	SATNA	MAJHG>WAN	S-NPP	24.80012	80.65454	13:28:52	D	2.00
198	SATNA	R>MPURBAGHLEAN	S-NPP	24.40199	80.96651	13:28:52	D	4.30
199	SATNA	RAGUR>JNAGAR	S-NPP	24.69344	80.68873	13:28:52	D	2.30
200	SATNA	UCHAHAR	S-NPP	24.48326	80.75300	13:28:52	D	1.80
201	SEHORE	BUDHNI	S-NPP	22.69922	77.56698	13:28:52	D	4.40
202	SEHORE	BUDHNI	S-NPP	22.70092	77.57816	13:28:52	D	15.60
203	SEHORE	BUDHNI	S-NPP	22.70178	77.51680	13:28:52	D	5.70
204	SEHORE	BUDHNI	S-NPP	22.72069	77.55172	13:28:52	D	2.70
205	SEHORE	BUDHNI	S-NPP	22.72125	77.55544	13:28:52	D	3.40
206	SEHORE	BUDHNI	S-NPP	22.79755	77.92863	13:28:52	D	3.10
207	SEHORE	BUDHNI	S-NPP	22.83335	77.40508	13:28:52	D	4.90
208	SEHORE	NASRULLAHGANJ	S-NPP	22.67480	77.29579	13:28:52	D	9.10
209	SEHORE	SEHORE	S-NPP	23.40083	77.04172	13:28:52	D	2.50
210	SEONI	GHANSAUR	S-NPP	22.48232	79.89177	13:28:52	D	3.50
211	SEONI	GHANSAUR	S-NPP	22.63157	79.83568	13:28:52	D	5.20
212	SEONI	GHANSAUR	S-NPP	22.63386	79.83583	13:28:52	D	4.30
213	SEONI	KEWLARI	S-NPP	22.13974	80.03690	13:28:52	D	2.30
214	SEONI	KEWLARI	S-NPP	22.32615	79.87489	13:28:52	D	2.30
215	SEONI	KEWLARI	S-NPP	22.32960	79.87436	13:28:52	D	2.40
216	SEONI	KEWLARI	S-NPP	22.33094	79.83283	13:28:52	D	6.60
217	SEONI	KEWLARI	S-NPP	22.35792	79.82443	13:28:52	D	2.90
218	SEONI	KEWLARI	S-NPP	22.45492	79.97536	13:28:52	D	7.10
219	SEONI	LAKHNADOU	S-NPP	22.31850	79.29575	13:28:52	D	4.20
220	SEONI	LAKHNADOU	S-NPP	22.33318	79.54661	13:28:52	D	2.30
221	SEONI	LAKHNADOU	S-NPP	22.39011	79.52963	13:28:52	D	3.30
222	SEONI	LAKHNADOU	S-NPP	22.39825	79.61349	13:28:52	D	4.60
223	SEONI	LAKHNADOU	S-NPP	22.48649	79.49847	13:28:52	D	4.10
224	SEONI	LAKHNADOU	S-NPP	22.51273	79.46177	13:28:52	D	3.10
225	SEONI	SEONI	S-NPP	22.10484	79.48256	13:28:52	D	4.80
226	SEONI	SEONI	S-NPP	22.14235	79.40448	13:28:52	D	4.10
227	SEONI	SEONI	S-NPP	22.14299	79.40453	13:28:52	D	3.70

228	SEONI	SEONI	S-NPP	22.15975	79.74886	13:28:52	D	3.20
229	SEONI	SEONI	S-NPP	22.18398	79.59872	13:28:52	D	2.90
230	SEONI	SEONI	S-NPP	22.18441	79.50199	13:28:52	D	3.60
231	SEONI	SEONI	S-NPP	22.18805	79.70387	13:28:52	D	7.90
232	SEONI	SEONI	S-NPP	22.19618	79.53632	13:28:52	D	4.20
233	SEONI	SEONI	S-NPP	22.20970	79.55827	13:28:52	D	1.60
234	SEONI	SEONI	S-NPP	22.23790	79.38897	13:28:52	D	4.00
235	SEONI	SEONI	S-NPP	22.23846	79.39289	13:28:52	D	4.00
236	SEONI	SEONI	S-NPP	22.24400	79.67856	13:28:52	D	7.60
237	SEONI	SEONI	S-NPP	22.29700	79.63752	13:28:52	D	3.50
238	SEONI	SEONI	S-NPP	22.29834	79.44736	13:28:52	D	2.80
239	SHAHDOL	BEOHARI	S-NPP	24.07892	81.48637	13:28:52	D	5.30
240	SHEOPUR	KARAHAL	S-NPP	25.42090	76.81968	13:28:52	D	6.10
241	SHEOPUR	KARAHAL	S-NPP	25.42205	76.82729	13:28:52	D	4.00
242	SHEOPUR	KARAHAL	S-NPP	25.42362	76.81526	13:28:52	D	3.10
243	SHEOPUR	KARAHAL	S-NPP	25.42478	76.82287	13:28:52	D	6.10
244	SHEOPUR	KARAHAL	S-NPP	25.46899	76.71361	13:28:52	D	5.00
245	SHEOPUR	KARAHAL	S-NPP	25.47870	76.75488	13:28:52	D	5.40
246	SHEOPUR	KARAHAL	S-NPP	25.51798	76.76717	13:28:52	D	7.00
247	SHEOPUR	KARAHAL	S-NPP	25.52129	76.76656	13:28:52	D	3.40
248	SHEOPUR	KARAHAL	S-NPP	25.54140	77.05637	13:28:52	D	1.90
249	SHEOPUR	SHEOPUR	S-NPP	25.40250	76.65488	13:28:52	D	5.10
250	SHEOPUR	SHEOPUR	S-NPP	25.45266	76.67364	13:28:52	D	2.50
251	SHEOPUR	SHEOPUR	S-NPP	25.50421	76.63271	13:28:52	D	5.30
252	SHEOPUR	SHEOPUR	S-NPP	25.50480	76.63652	13:28:52	D	5.30
253	SHEOPUR	SHEOPUR	S-NPP	25.50869	76.63971	13:28:52	D	3.80
254	SHEOPUR	SHEOPUR	S-NPP	25.51761	76.54773	13:28:52	D	16.60
255	SHEOPUR	SHEOPUR	S-NPP	25.52092	76.54710	13:28:52	D	2.40
256	SHEOPUR	SHEOPUR	S-NPP	25.52386	76.67214	13:28:52	D	9.30
257	SHEOPUR	SHEOPUR	S-NPP	25.52444	76.67594	13:28:52	D	7.30
258	SHEOPUR	SHEOPUR	S-NPP	25.52525	76.59727	13:28:52	D	4.50
259	SHEOPUR	SHEOPUR	S-NPP	25.52642	76.67143	13:28:52	D	56.70
260	SHEOPUR	SHEOPUR	S-NPP	25.52701	76.67525	13:28:52	D	31.60

261	SHEOPUR	SHEOPUR	S-NPP	25.53461	76.65821	13:28:52	D	6.40
262	SHEOPUR	SHEOPUR	S-NPP	25.53791	76.65760	13:28:52	D	4.50
263	SHEOPUR	SHEOPUR	S-NPP	25.54140	76.61385	13:28:52	D	6.10
264	SHEOPUR	SHEOPUR	S-NPP	25.54471	76.61323	13:28:52	D	4.10
265	SHEOPUR	SHEOPUR	S-NPP	25.55189	76.74897	13:28:52	D	7.80
266	SHEOPUR	SHEOPUR	S-NPP	25.56456	76.67610	13:28:52	D	7.90
267	SHEOPUR	SHEOPUR	S-NPP	25.57057	76.73767	13:28:52	D	4.20
268	SHEOPUR	SHEOPUR	S-NPP	25.57115	76.74148	13:28:52	D	4.20
269	SHEOPUR	SHEOPUR	S-NPP	25.57253	76.63934	13:28:52	D	4.40
270	SHEOPUR	SHEOPUR	S-NPP	25.59314	76.72957	13:28:52	D	1.60
271	SHEOPUR	SHEOPUR	S-NPP	25.59724	76.62297	13:28:52	D	3.60
272	SHEOPUR	SHEOPUR	S-NPP	25.60148	76.53987	13:28:52	D	3.40
273	SHEOPUR	SHEOPUR	S-NPP	25.60520	76.71948	13:28:52	D	1.70
274	SHEOPUR	SHEOPUR	S-NPP	25.61261	76.61231	13:28:52	D	12.50
275	SHEOPUR	SHEOPUR	S-NPP	25.62533	76.58646	13:28:52	D	3.00
276	SHEOPUR	SHEOPUR	S-NPP	25.63059	76.62073	13:28:52	D	3.90
277	SHEOPUR	SHEOPUR	S-NPP	25.63813	76.53699	13:28:52	D	3.00
278	SHEOPUR	SHEOPUR	S-NPP	25.64517	76.58275	13:28:52	D	2.50
279	SHEOPUR	SHEOPUR	S-NPP	25.67628	76.54161	13:28:52	D	21.00
280	SHEOPUR	SHEOPUR	S-NPP	25.67958	76.54099	13:28:52	D	21.00
281	SHEOPUR	SHEOPUR	S-NPP	25.69415	76.50291	13:28:52	D	2.40
282	SHEOPUR	SHEOPUR	S-NPP	25.70180	76.68590	13:28:52	D	2.10
283	SHEOPUR	SHEOPUR	S-NPP	25.70918	76.71198	13:28:52	D	15.20
284	SHEOPUR	SHEOPUR	S-NPP	25.71036	76.65291	13:28:52	D	10.60
285	SHEOPUR	SHEOPUR	S-NPP	25.71192	76.64089	13:28:52	D	6.30
286	SHEOPUR	SHEOPUR	S-NPP	25.71367	76.65230	13:28:52	D	4.00
287	SHEOPUR	SHEOPUR	S-NPP	25.71698	76.65167	13:28:52	D	4.00
288	SHEOPUR	SHEOPUR	S-NPP	25.71911	76.64347	13:28:52	D	5.80
289	SHEOPUR	SHEOPUR	S-NPP	25.73273	76.68798	13:28:52	D	5.10
290	SHEOPUR	SHEOPUR	S-NPP	25.81993	76.64023	13:28:52	D	3.50
291	SHEOPUR	SHEOPUR	S-NPP	25.83756	76.77827	13:28:52	D	1.80
292	SHEOPUR	SHEOPUR	S-NPP	25.86737	76.66348	13:28:52	D	3.20
293	SHEOPUR	SHEOPUR	S-NPP	25.88440	76.79774	13:28:52	D	2.50

294	SHEOPUR	SHEOPUR	S-NPP	25.90813	76.79726	13:28:52	D	8.20
295	SHEOPUR	SHEOPUR	S-NPP	25.90871	76.80109	13:28:52	D	7.30
296	SHEOPUR	SHEOPUR	S-NPP	25.91144	76.79665	13:28:52	D	2.20
297	SHIVPURI	KARERA	S-NPP	25.41297	78.18060	13:28:52	D	4.50
298	SHIVPURI	KHANIYADHAN	S-NPP	25.02396	77.94486	13:28:52	D	2.40
299	SHIVPURI	KOLARAS	S-NPP	24.95795	77.63409	13:28:52	D	3.20
300	SHIVPURI	KOLARAS	S-NPP	25.07087	77.90166	13:28:52	D	4.60
301	SHIVPURI	KOLARAS	S-NPP	25.16509	77.66450	13:28:52	D	1.80
302	SHIVPURI	KOLARAS	S-NPP	25.20708	77.46477	13:28:52	D	2.20
303	SHIVPURI	NARWAR	S-NPP	25.71505	78.16984	13:28:52	D	6.00
304	SHIVPURI	NARWAR	S-NPP	25.73808	78.23456	13:28:52	D	3.70
305	SHIVPURI	POHRI	S-NPP	25.33634	77.22237	13:28:52	D	6.10
306	VIDESHA	KORWAI	S-NPP	24.14854	77.89709	13:28:52	D	3.20
307	VIDESHA	LETERI	S-NPP	24.08901	77.51952	13:28:52	D	5.00
308	VIDESHA	LETERI	S-NPP	24.13621	77.47672	13:28:52	D	3.60
309	VIDESHA	LETERI	S-NPP	24.30770	77.37634	13:28:52	D	2.50
310	VIDESHA	LETERI	S-NPP	24.31101	77.37575	13:28:52	D	2.50
311	VIDESHA	LETERI	S-NPP	24.32160	77.40097	13:28:52	D	1.70
312	VIDESHA	SIRANJ	S-NPP	24.13721	77.56901	13:28:52	D	3.40
313	VIDESHA	SIRANJ	S-NPP	24.20465	77.48001	13:28:52	D	3.00
314	VIDESHA	VIDESHA	S-NPP	23.48374	77.88158	13:28:52	D	9.00
315	VIDESHA	VIDESHA	S-NPP	23.55164	77.72666	13:28:52	D	1.70
316	VIDESHA	VIDESHA	AQUA	23.47800	77.85800	13:18:16	D	63.70
317	VIDESHA	VIDESHA	AQUA	23.47800	77.88700	13:18:16	D	54.60
318	WEST NIMAR	BARWAH	S-NPP	22.06401	75.82070	13:28:52	D	3.10
319	WEST NIMAR	BARWAH	S-NPP	22.12147	75.97968	13:28:52	D	2.70
320	WEST NIMAR	MAHESHWAR	S-NPP	22.18962	75.86201	13:28:52	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](#)
