



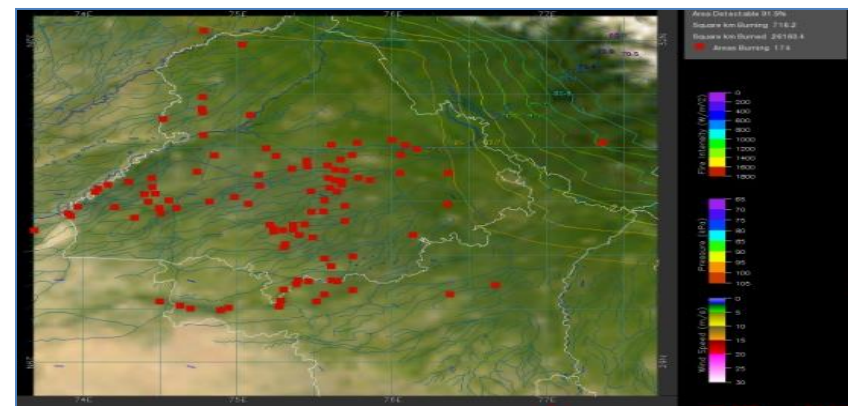
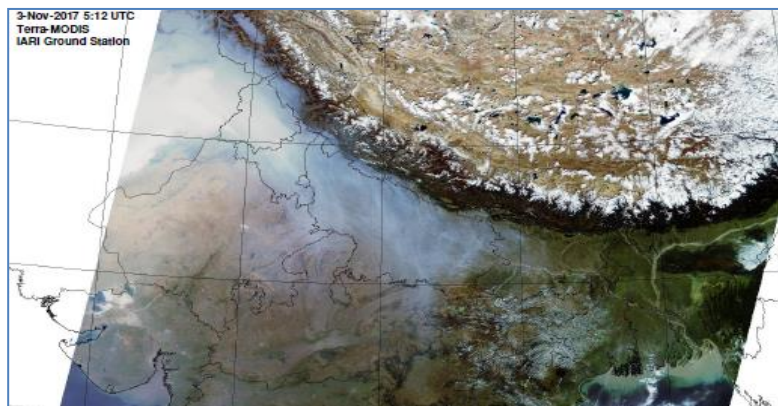
**Bulletin  
No. 46**

**Events Date:  
30-Oct-2023**

**Issued on:  
30-Oct-2023**



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



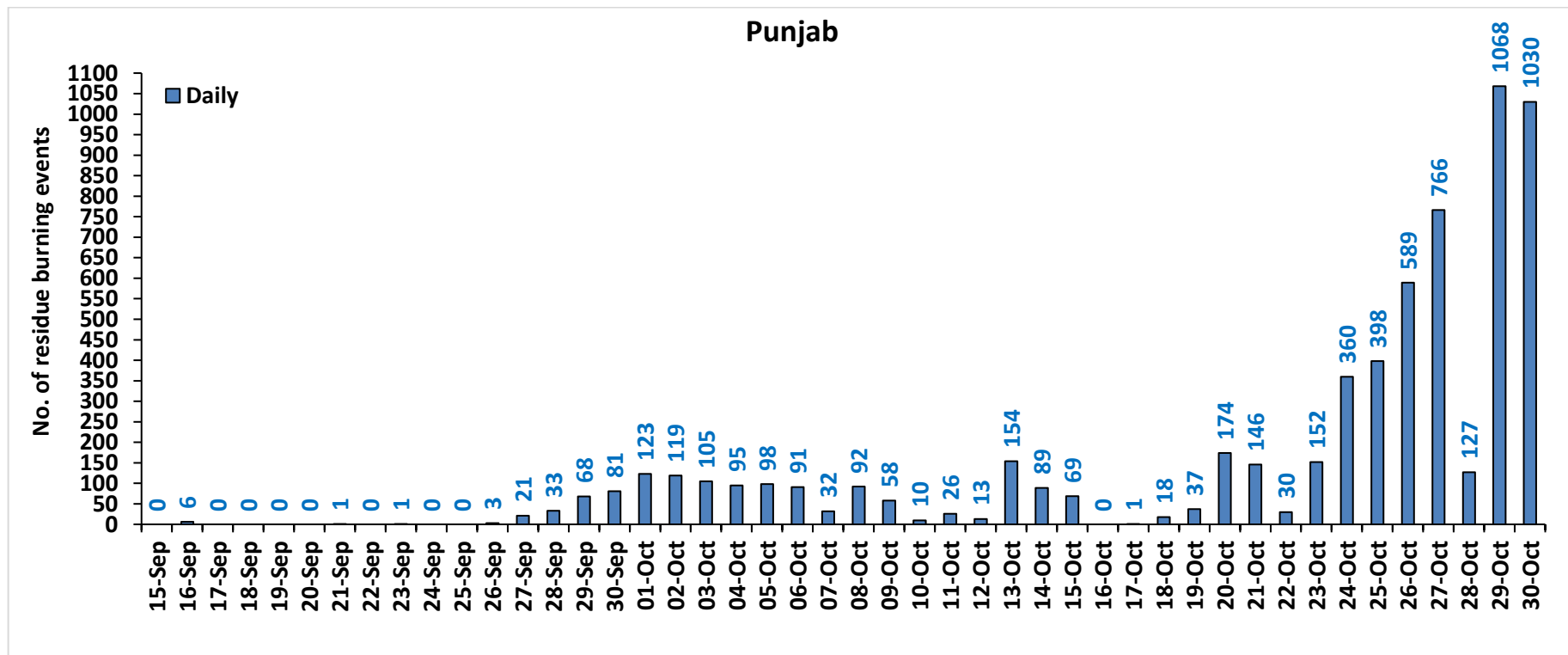
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

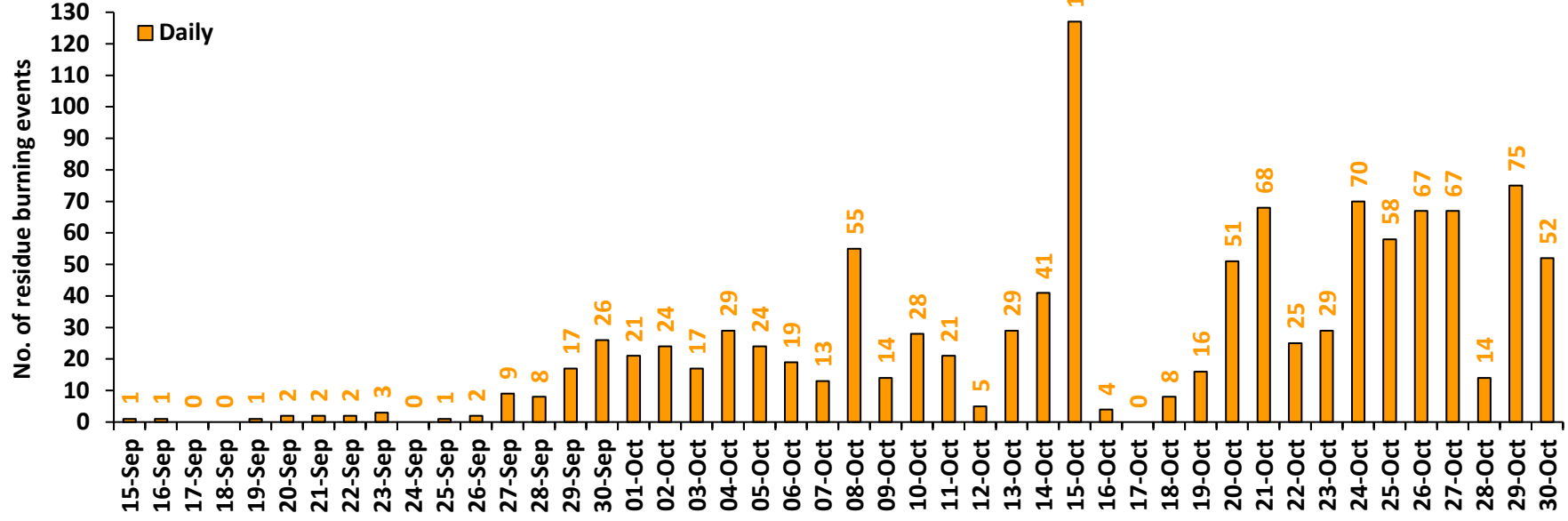
## Highlights for 30-Oct-2023

- 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 **1362** residue burning events in the six study States on 30-Oct-2023.
- The state wise events detected on 30-Oct-2023 were **1030** in Punjab, **52** in Haryana, **19** in UP, **00** in Delhi, **37** in Rajasthan and **224** in MP.
- Total **11784** burning events were detected in the six states between 15-Sept-2023 and 30-Oct-2023, which are distributed as **6284**, **1146**, **906**, **02**, **811** and **2635** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

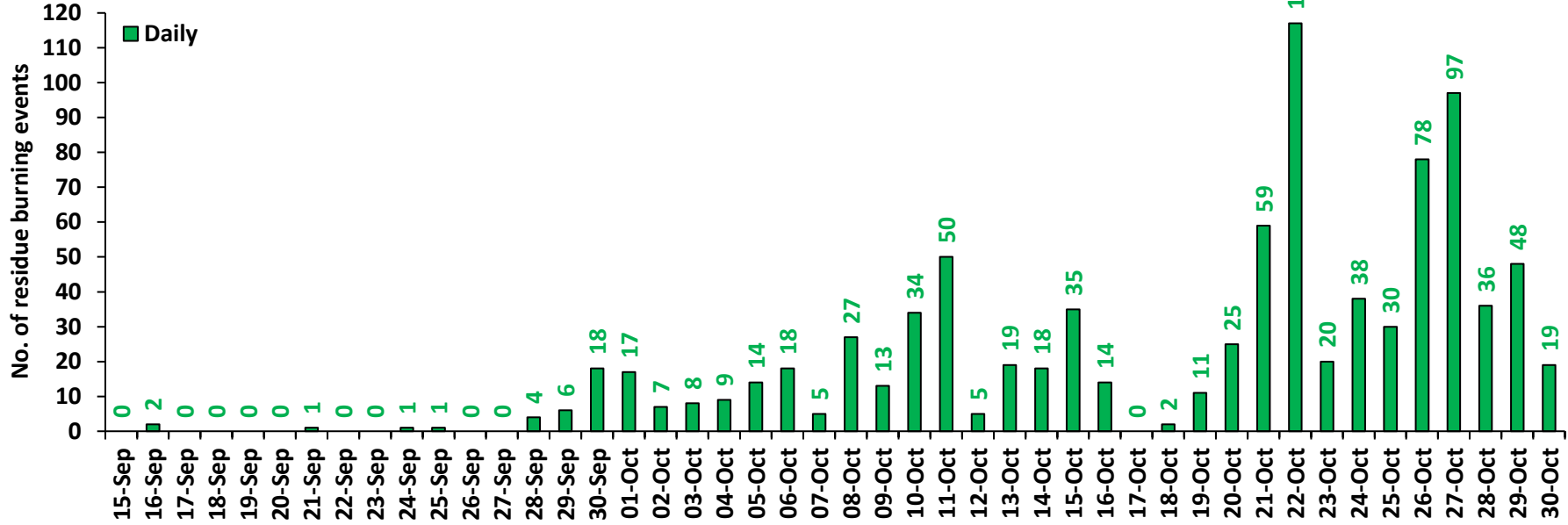
### Temporal distribution of rice residue burning events for the study States in 2023



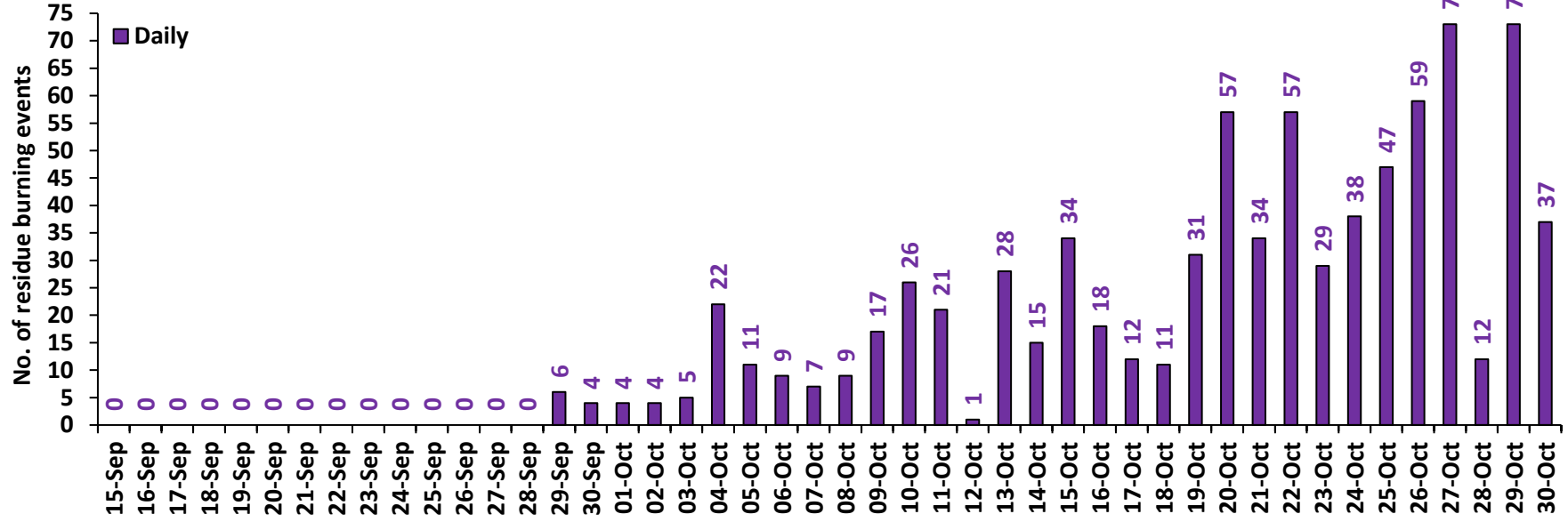
### Haryana



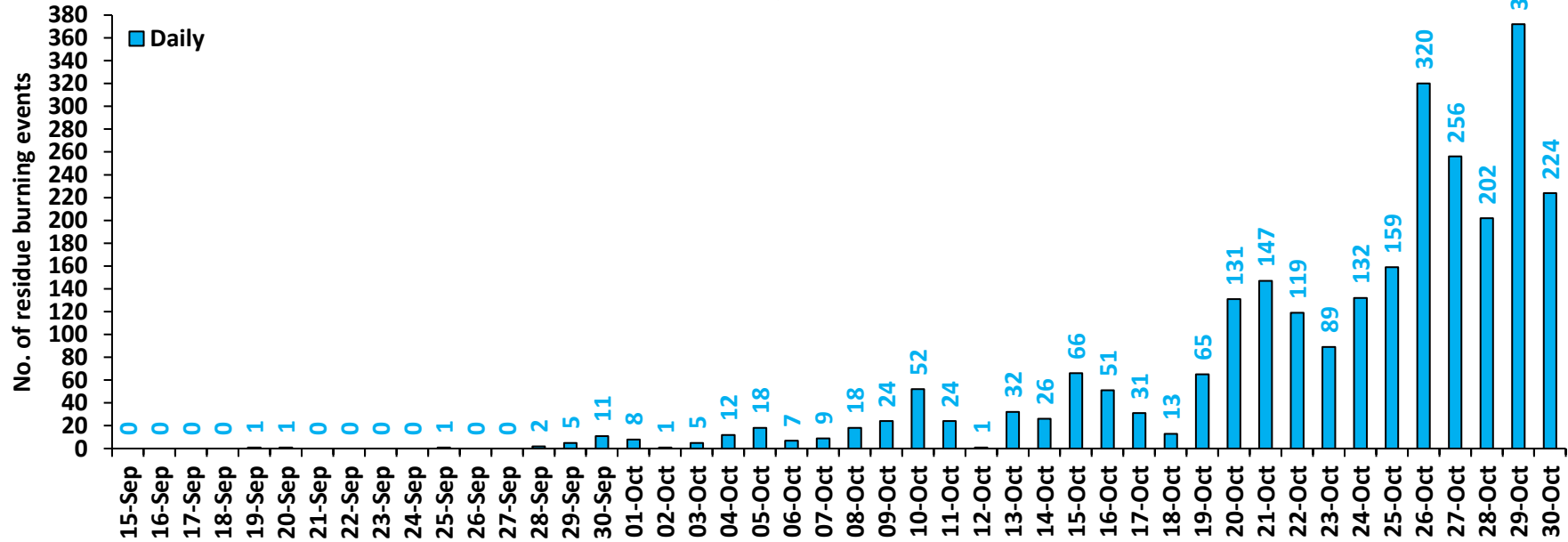
### Uttar Pradesh



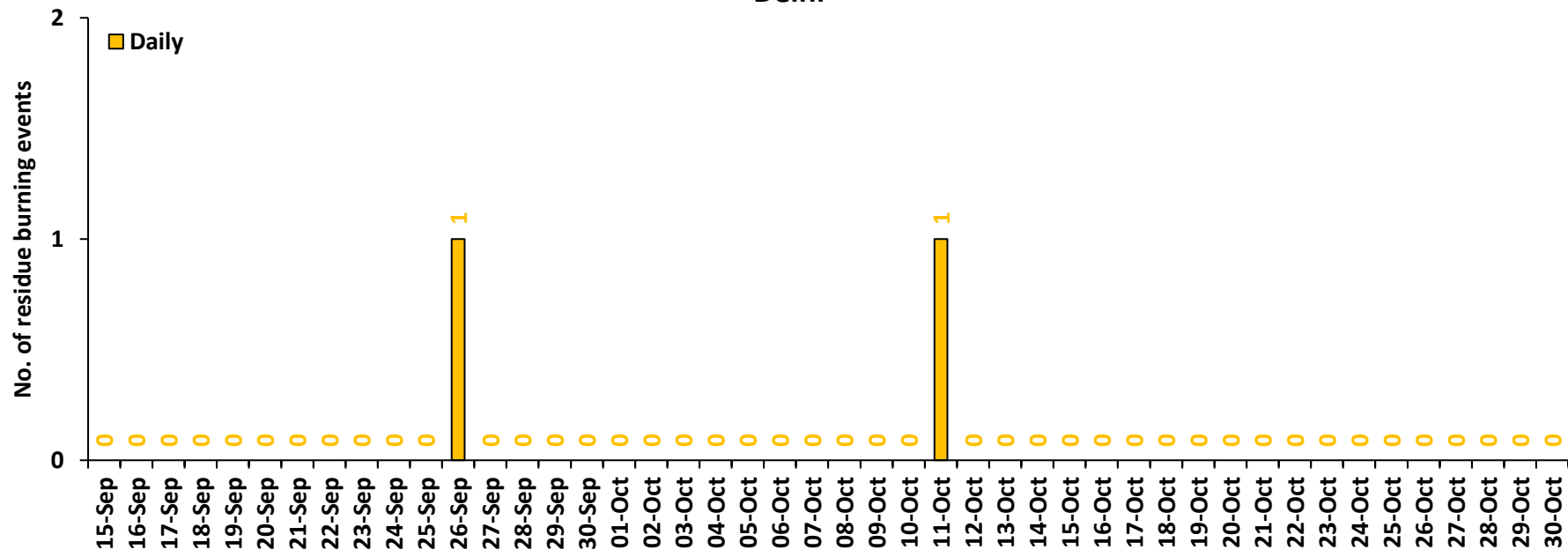
### Rajasthan



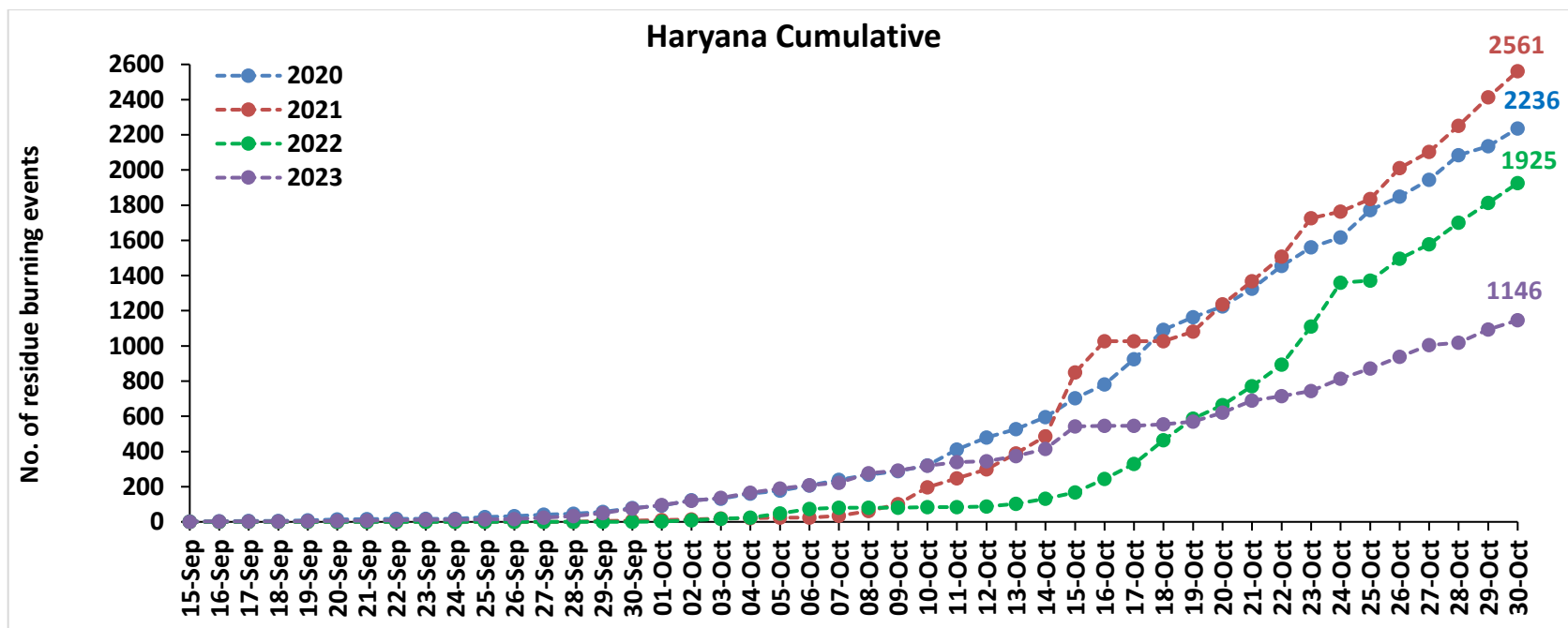
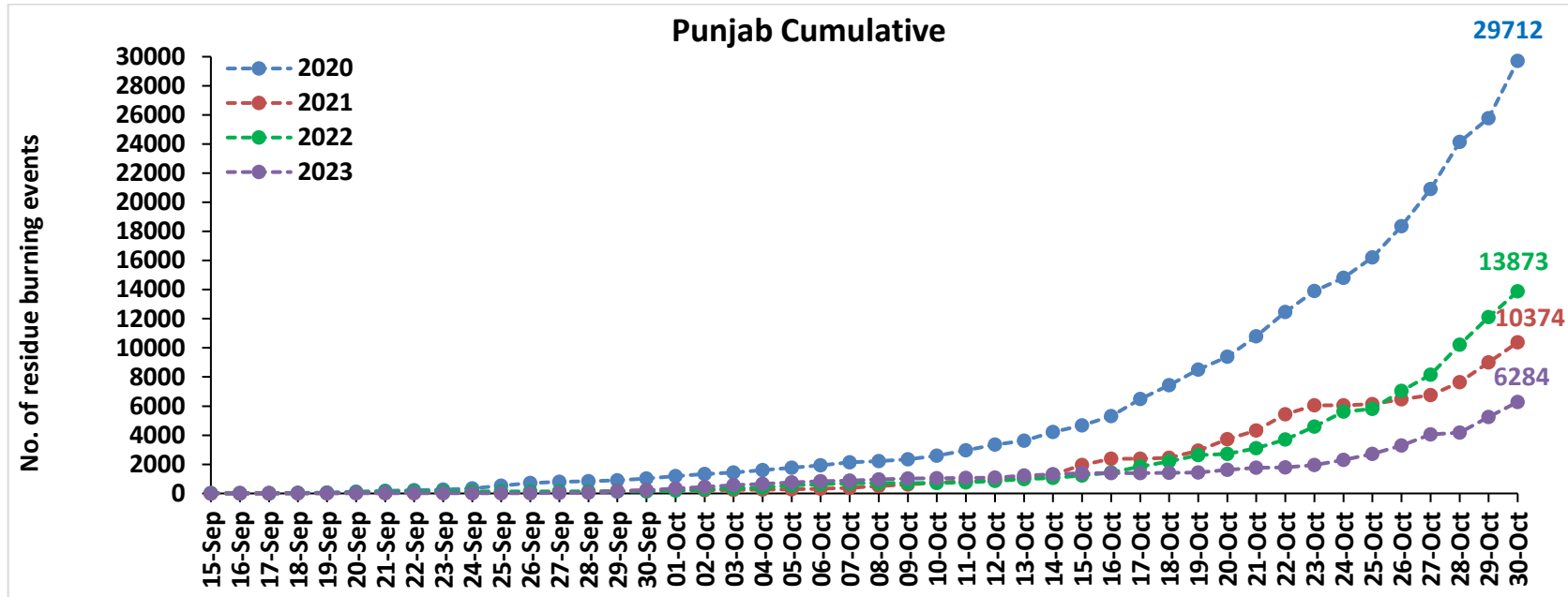
### Madhya Pradesh

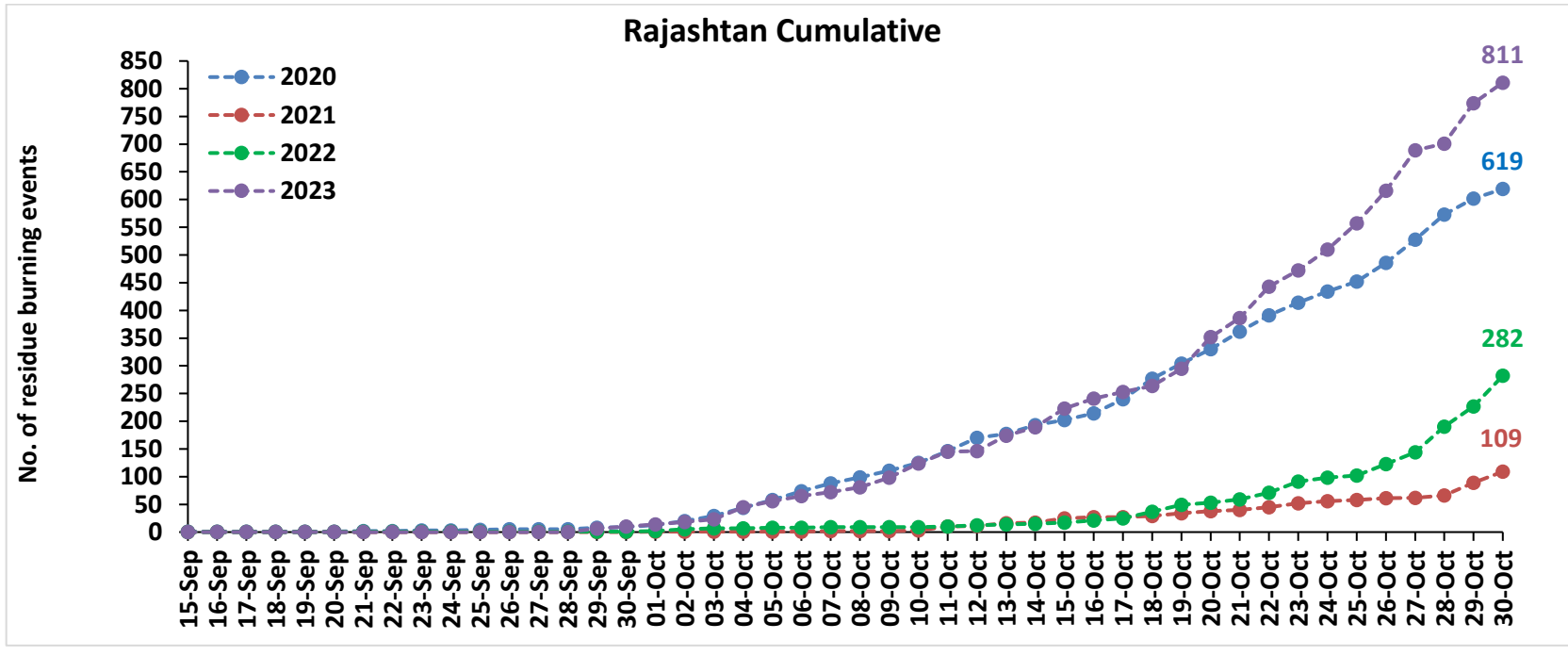
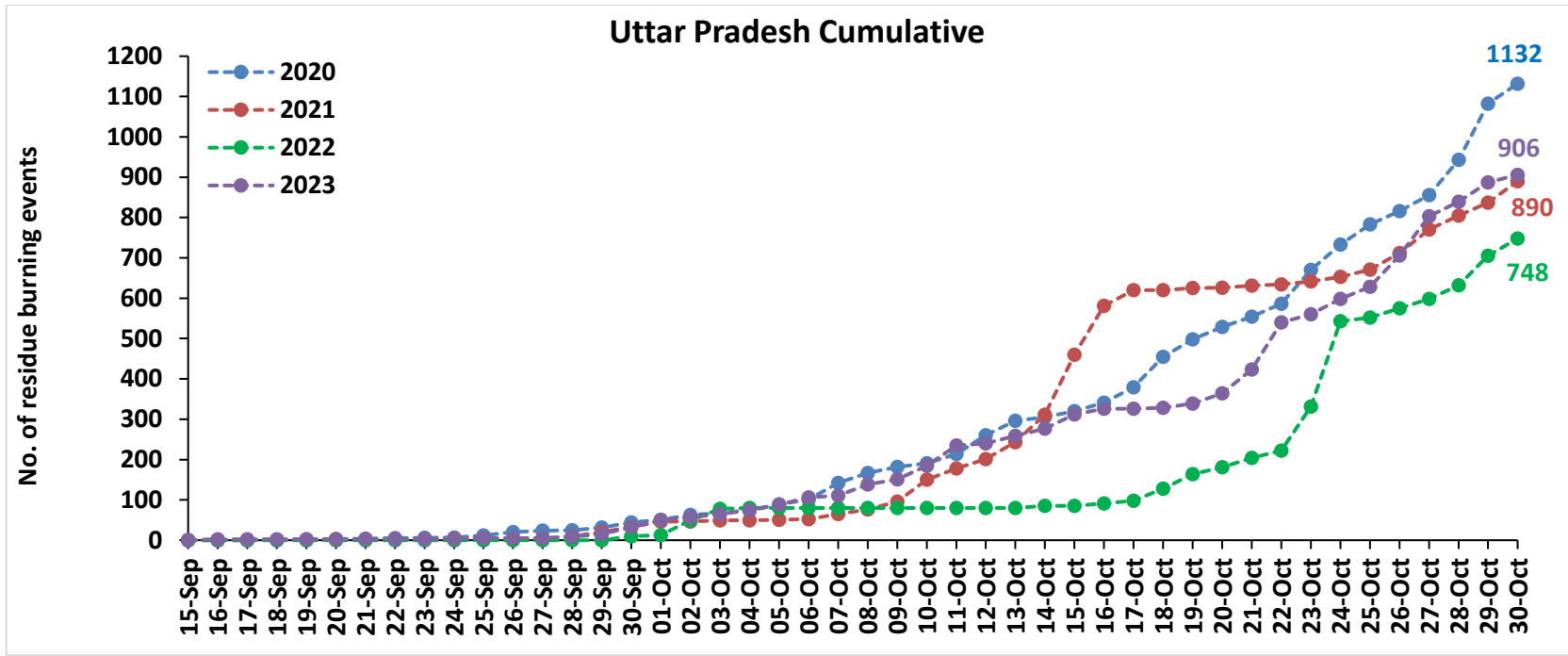


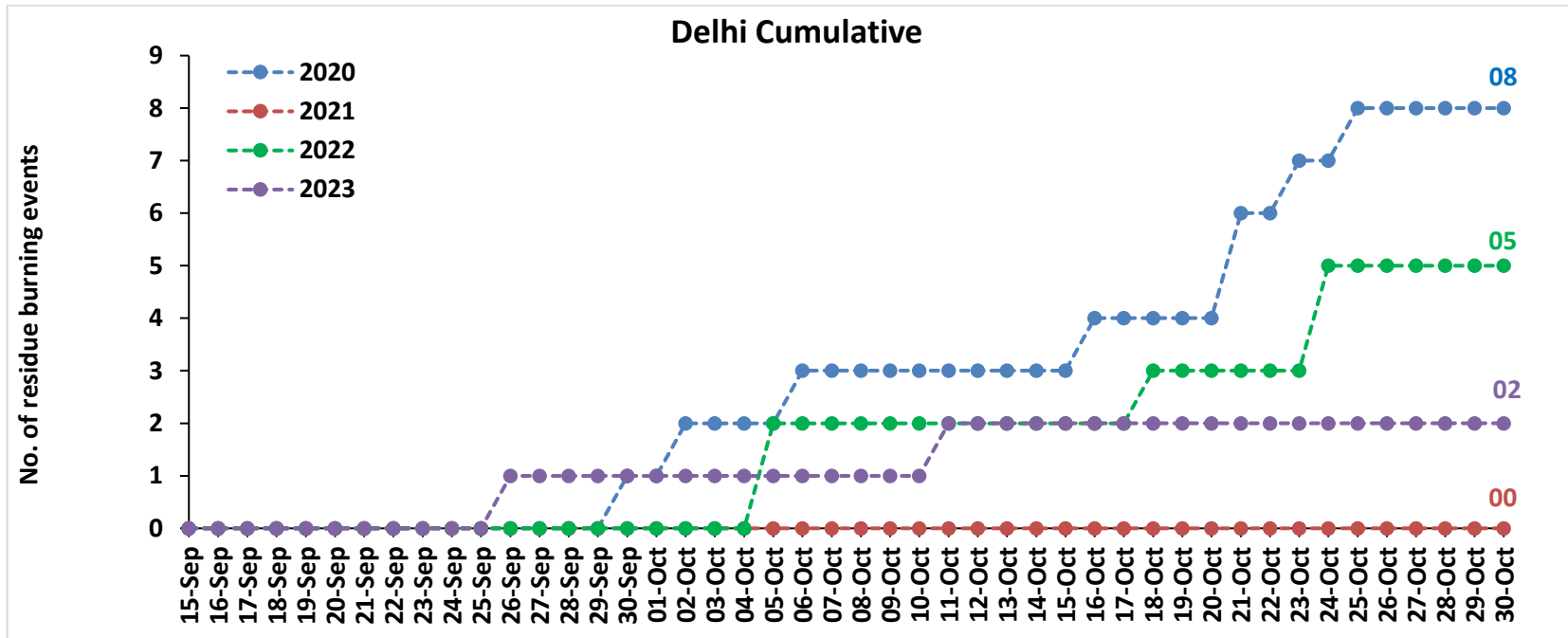
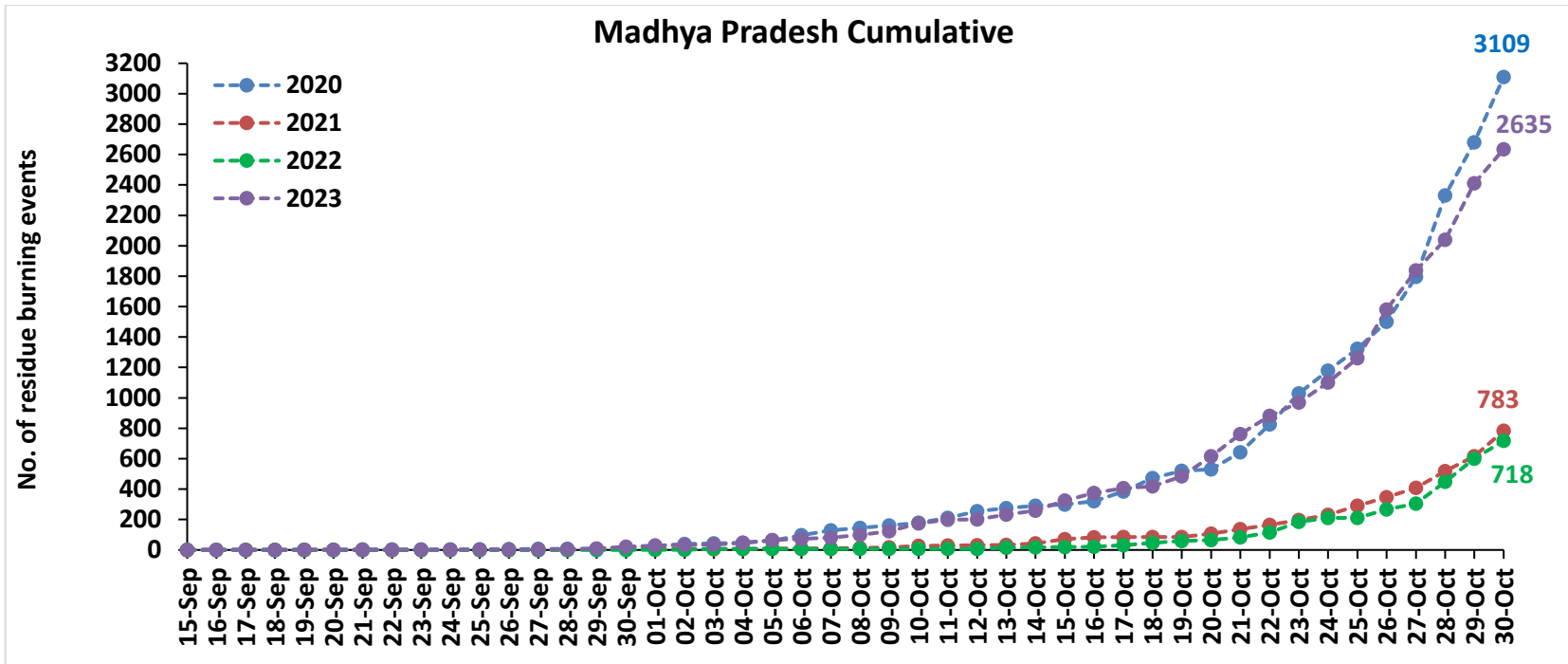
# Delhi



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

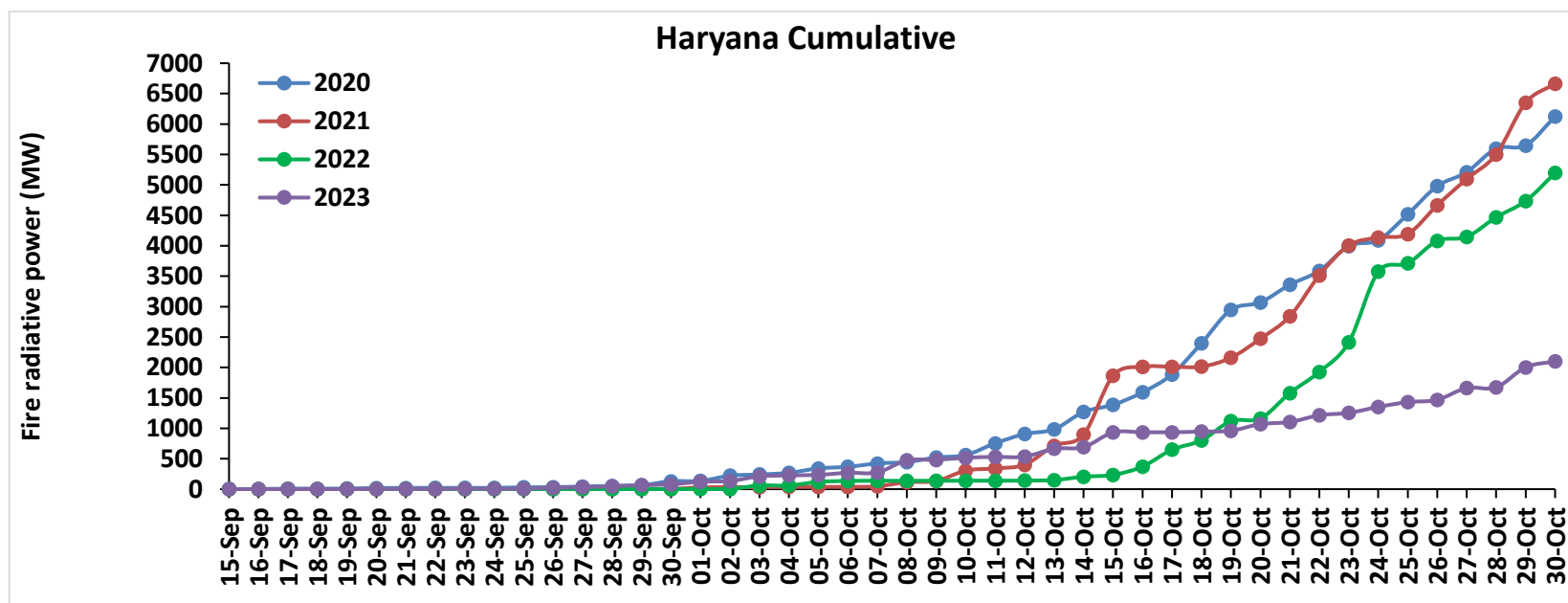
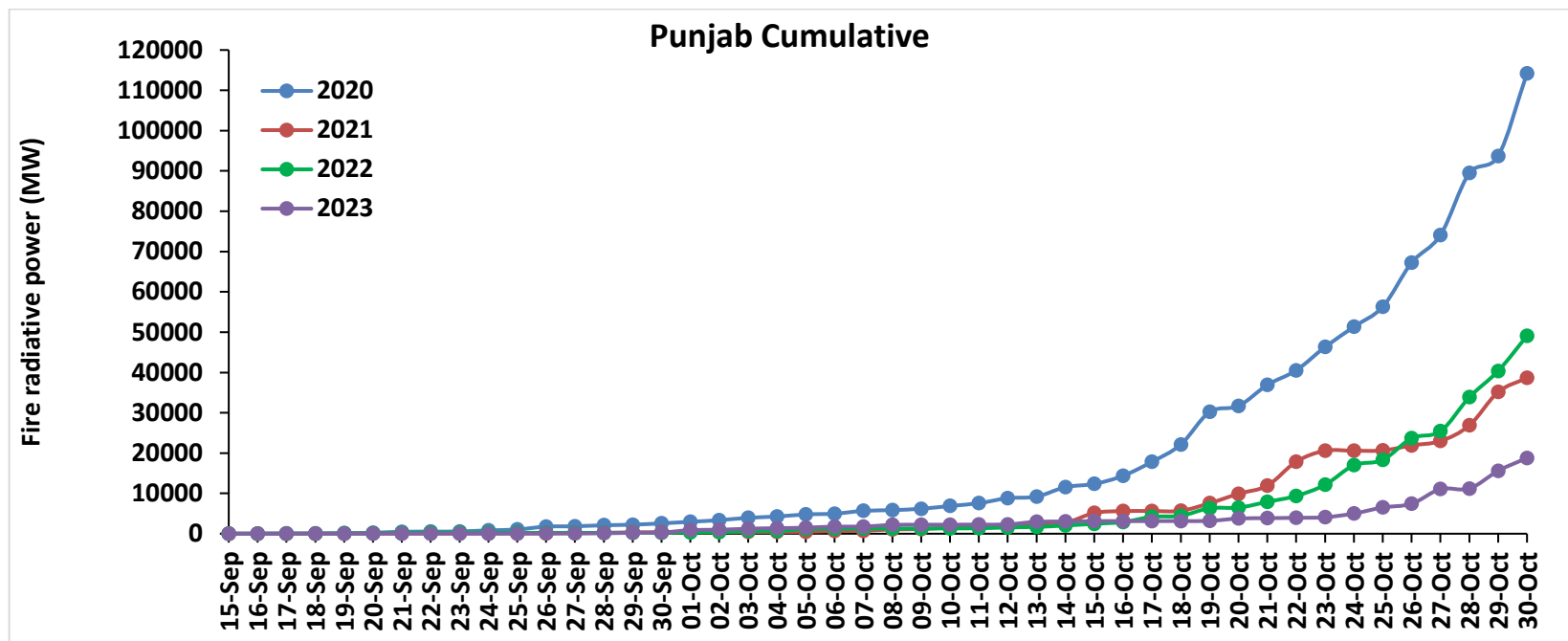


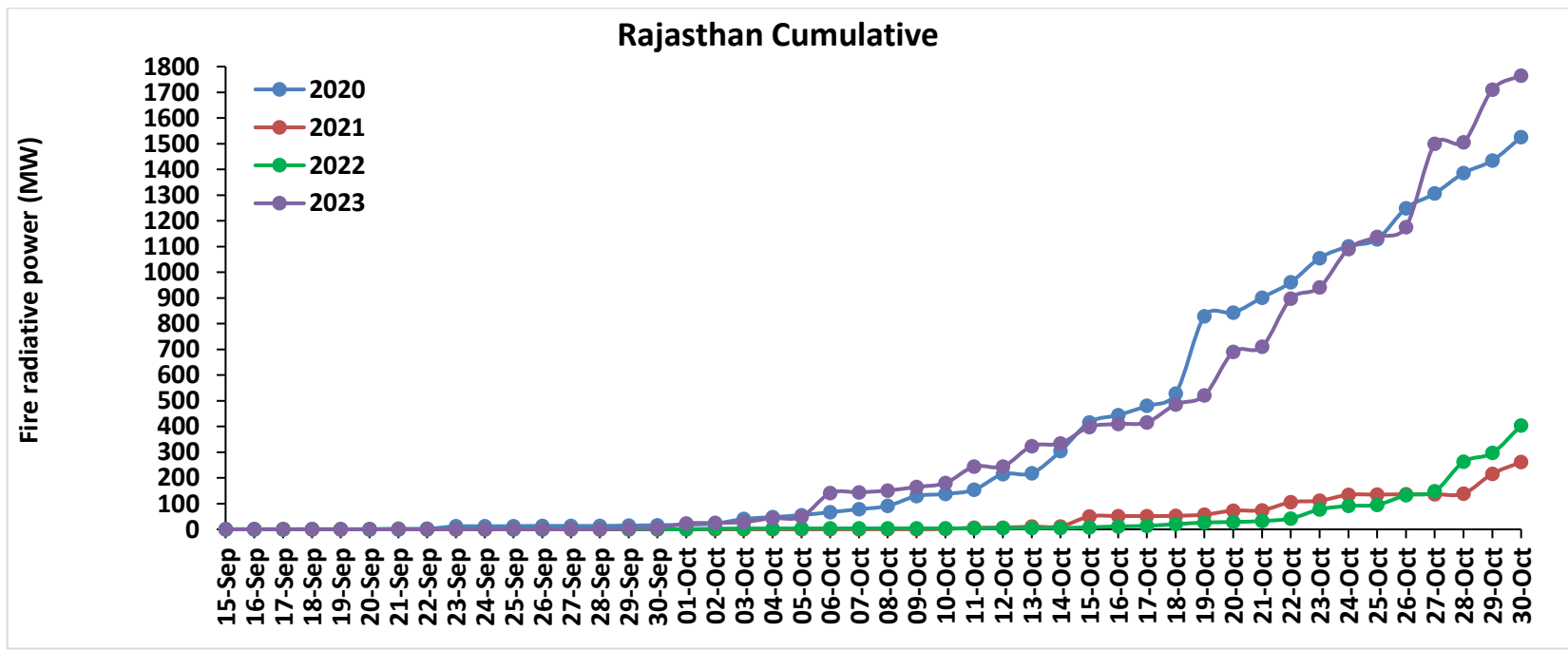
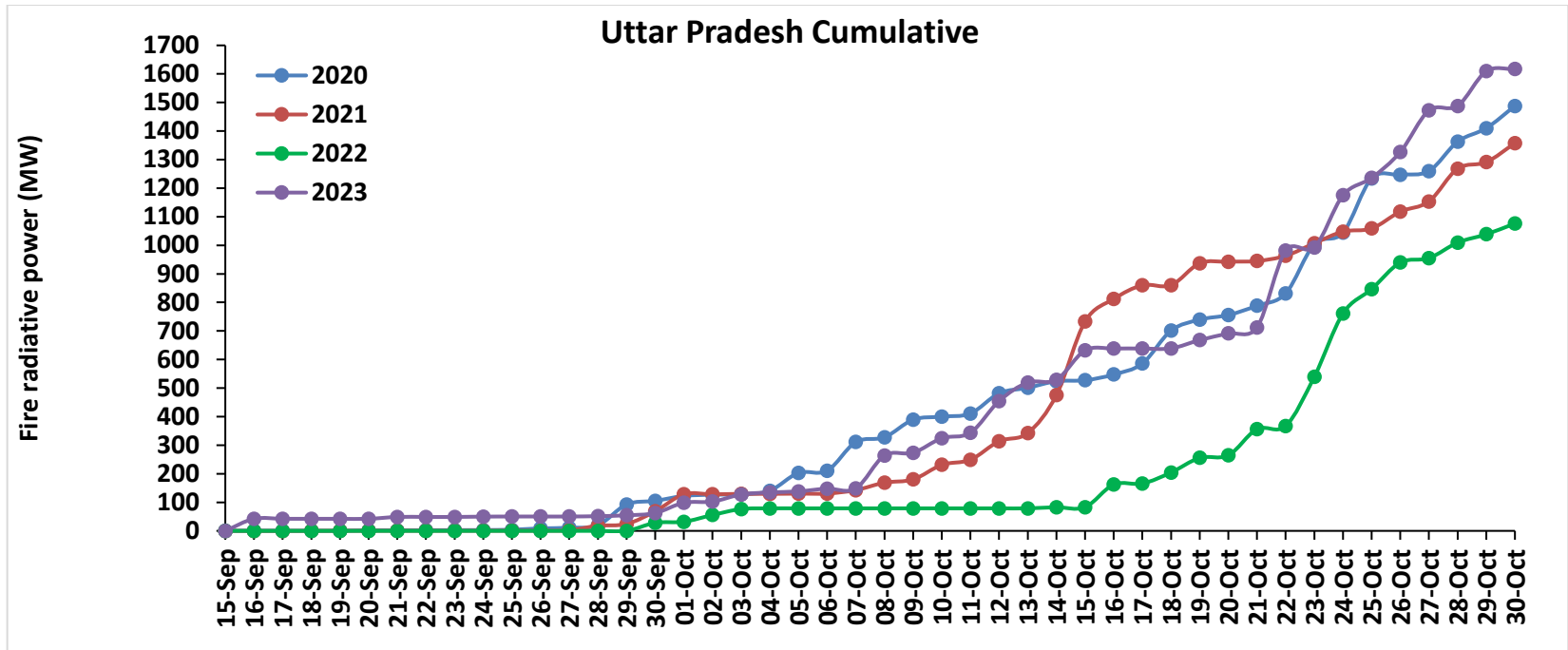


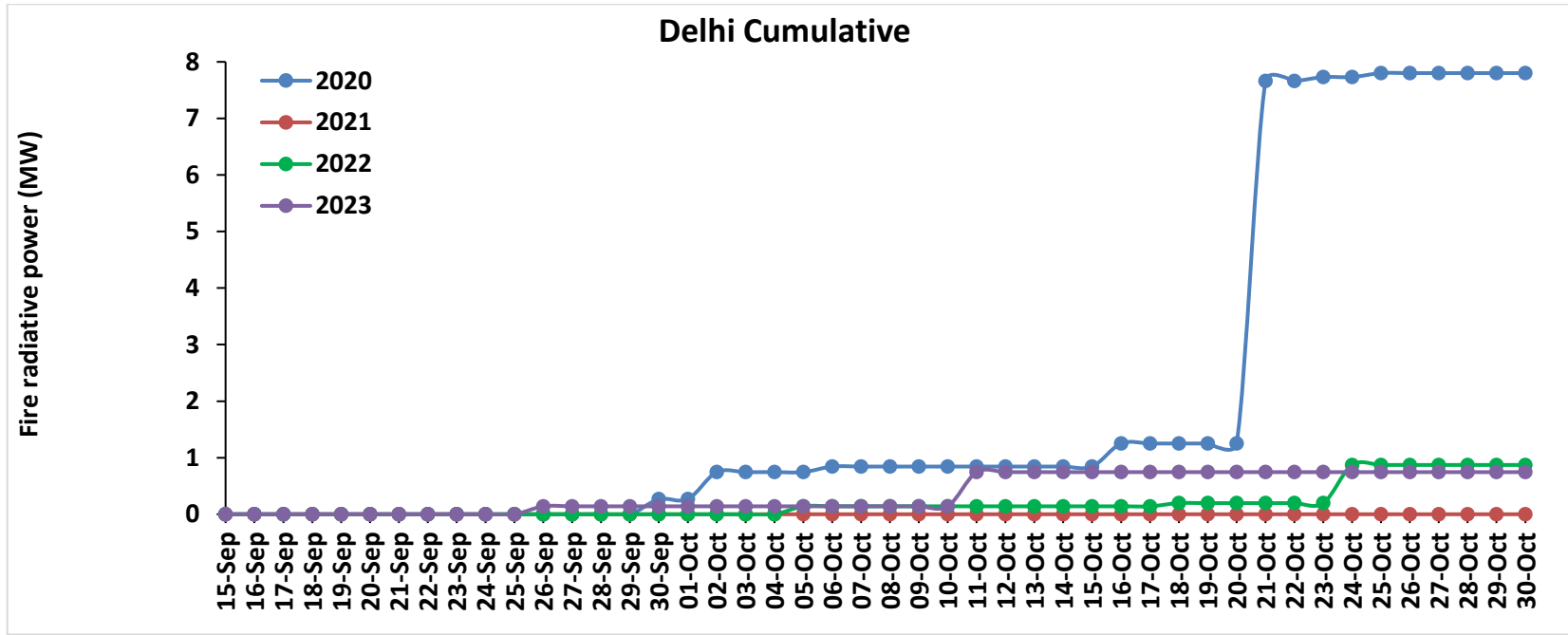
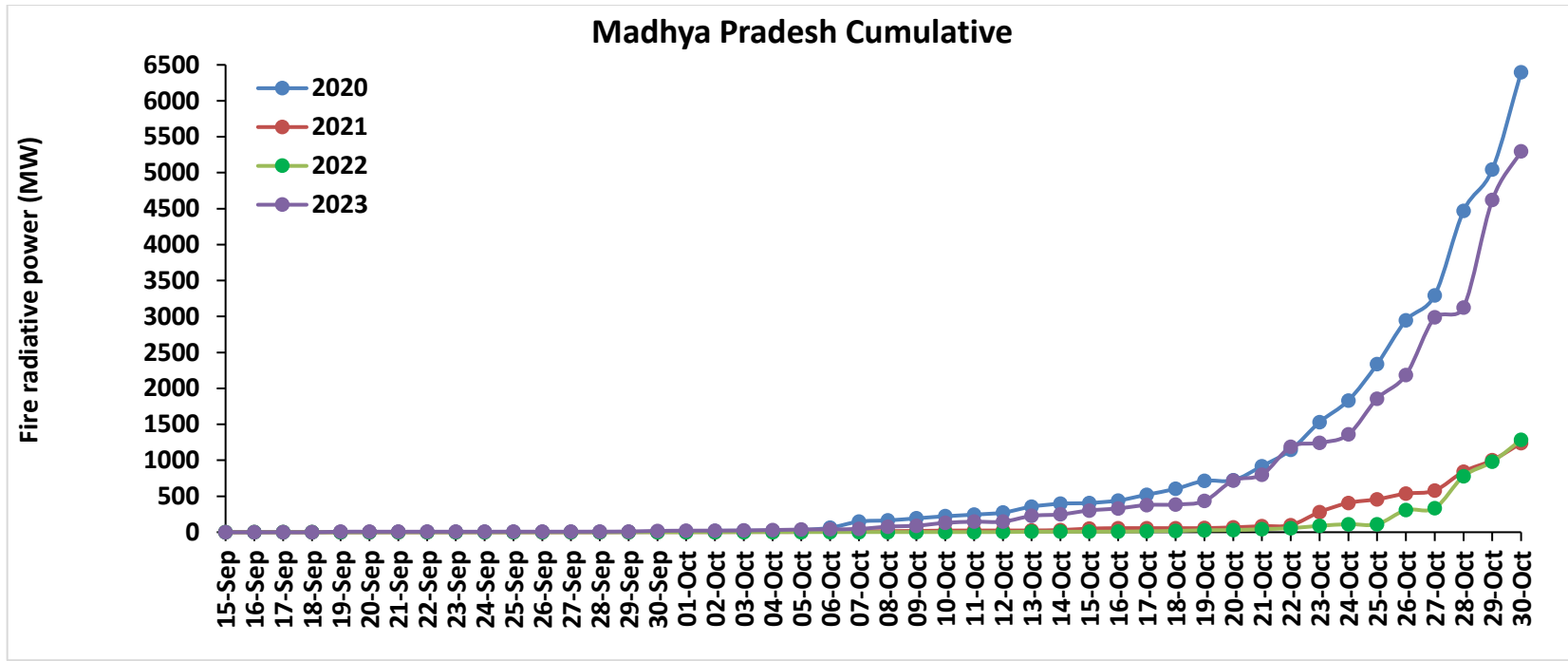




**Comparison of residue burning fire power in current year (2023) with previous years (2020, 2021 and 2022) for the study States**

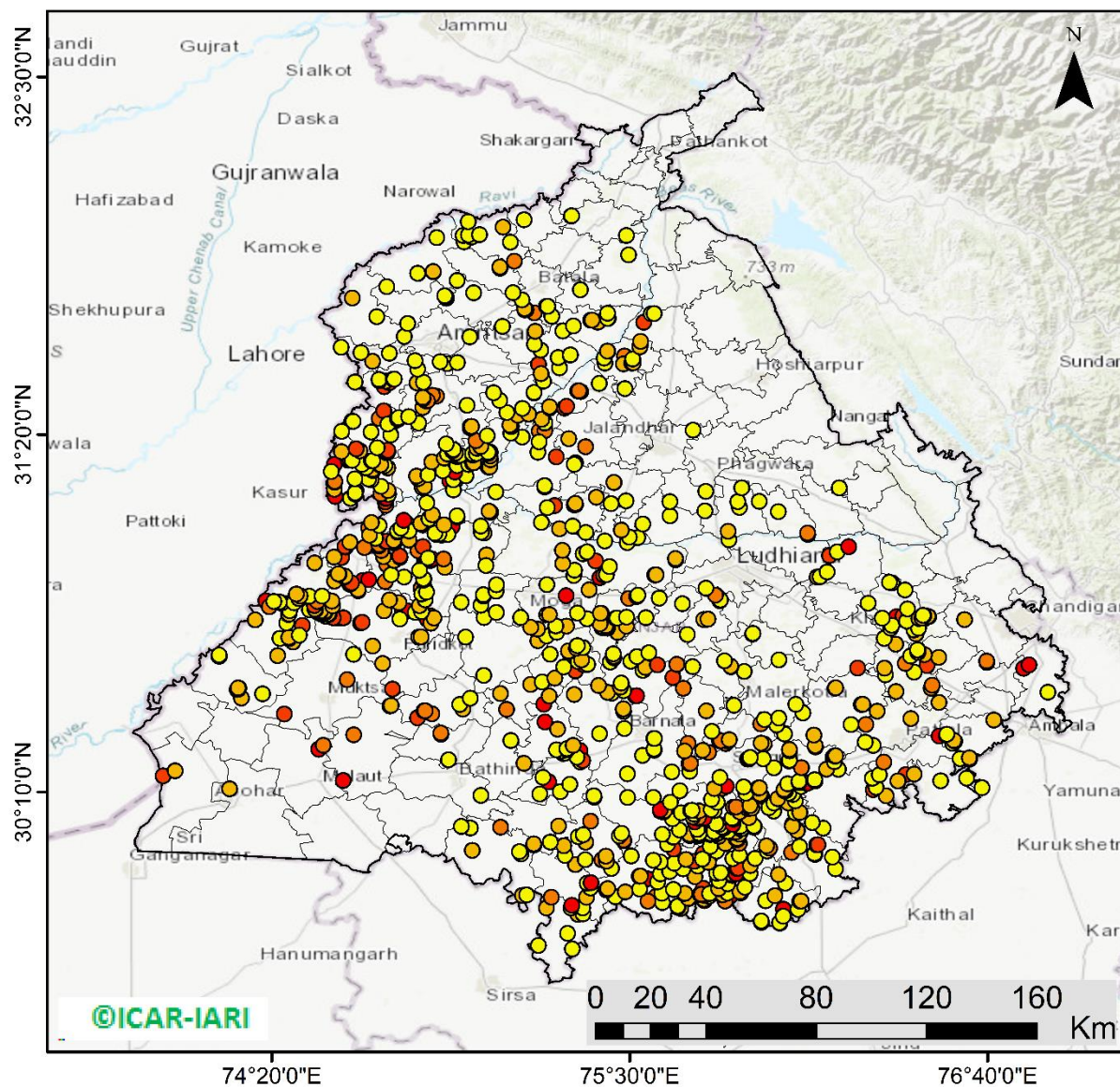






# Punjab

## RICE RESIDUE BURNING IN PUNJAB



**1030** burning events detected in Punjab during (30th Oct 2023)

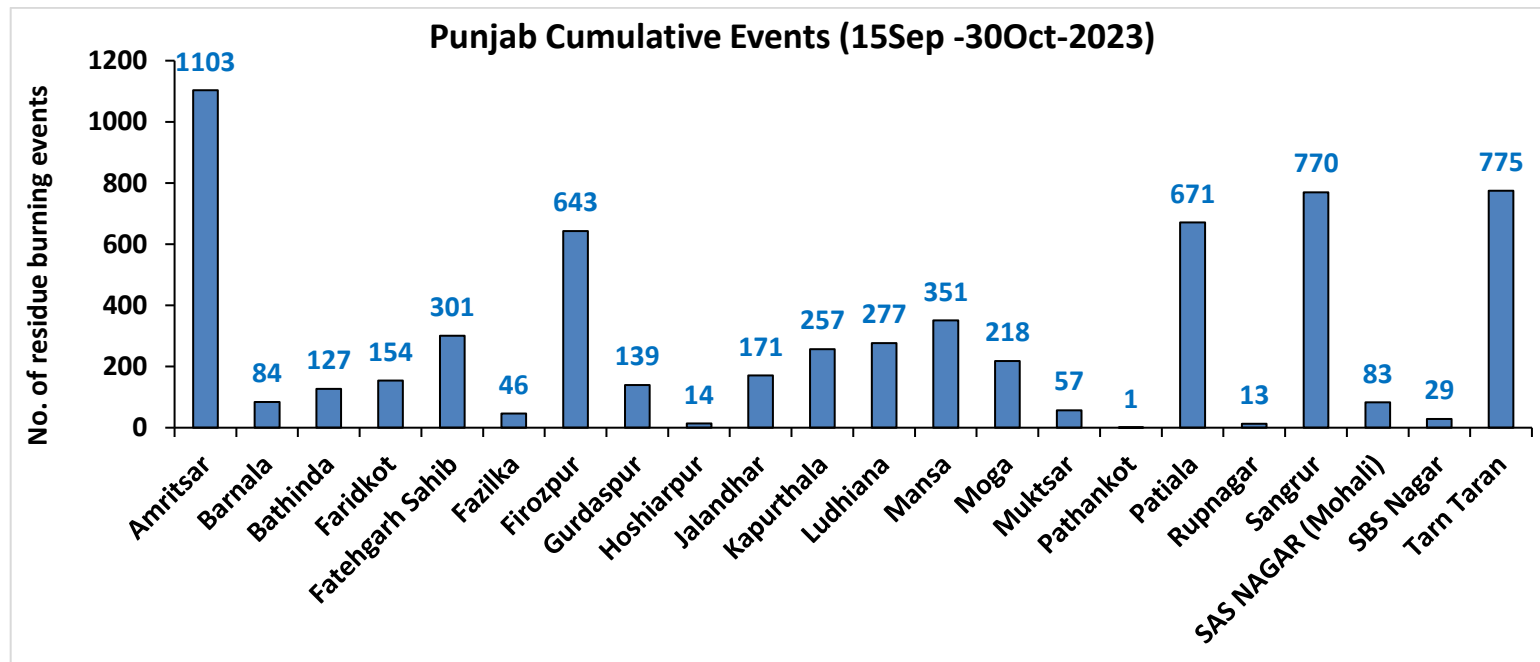
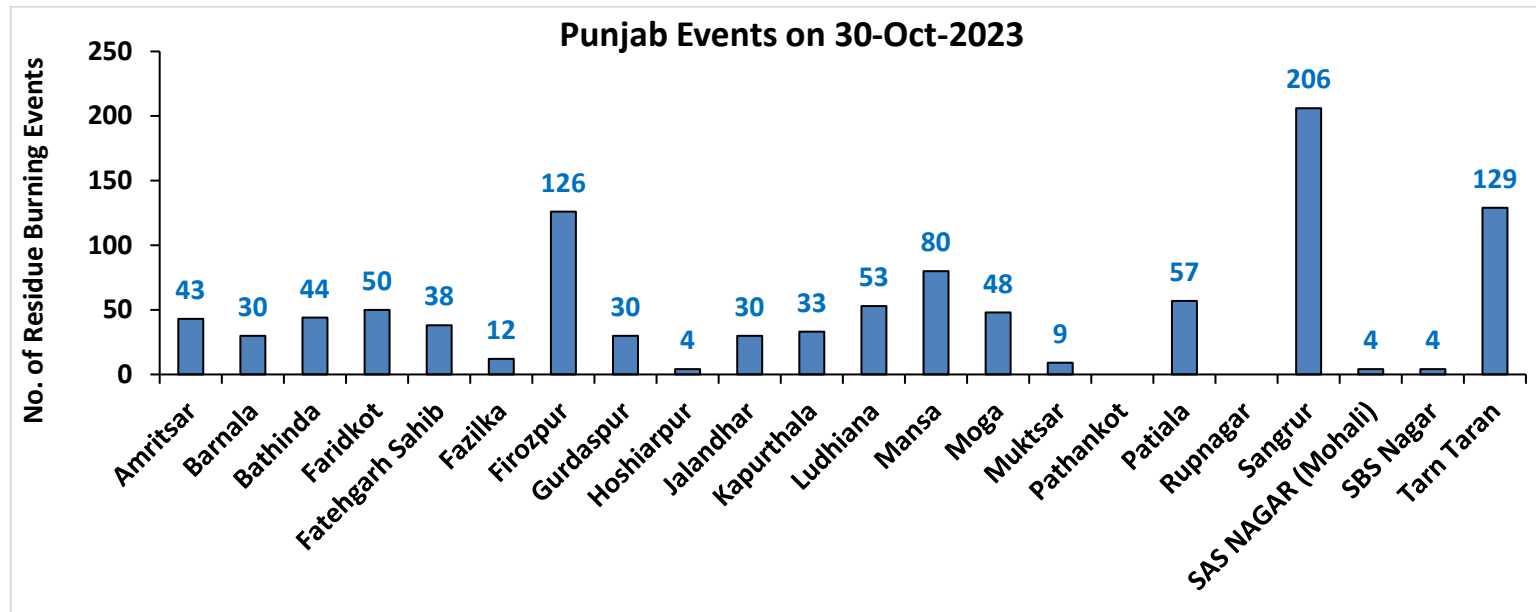
### Fire Intensity (W/m<sup>2</sup>)

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



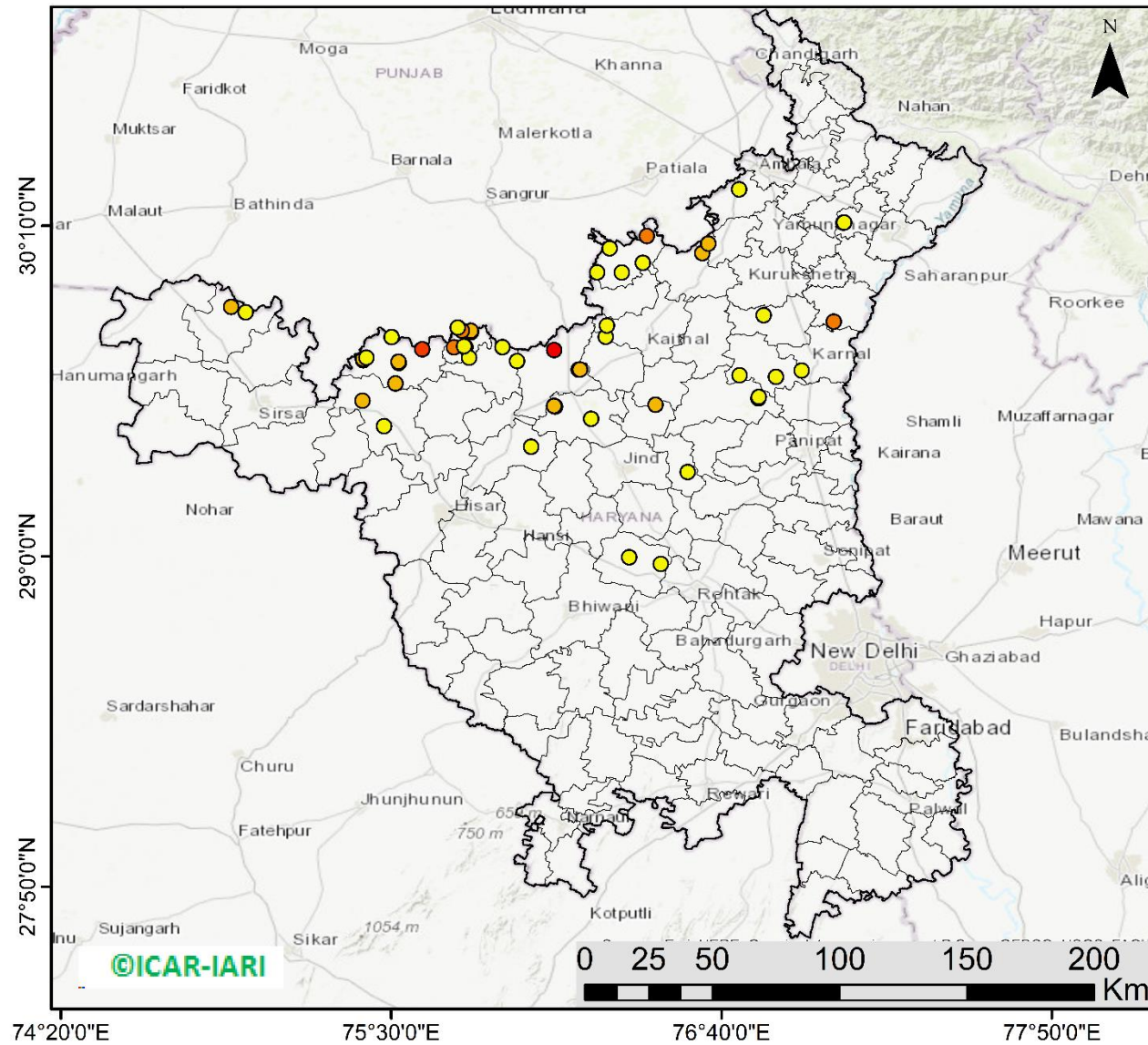
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

## District-wise cumulative number of residues burning events in Punjab (15Sep- 30Oct-2023)



# Haryana

## RICE RESIDUE BURNING IN HARYANA



**52** burning events detected in Haryana on (30th Oct 2023)

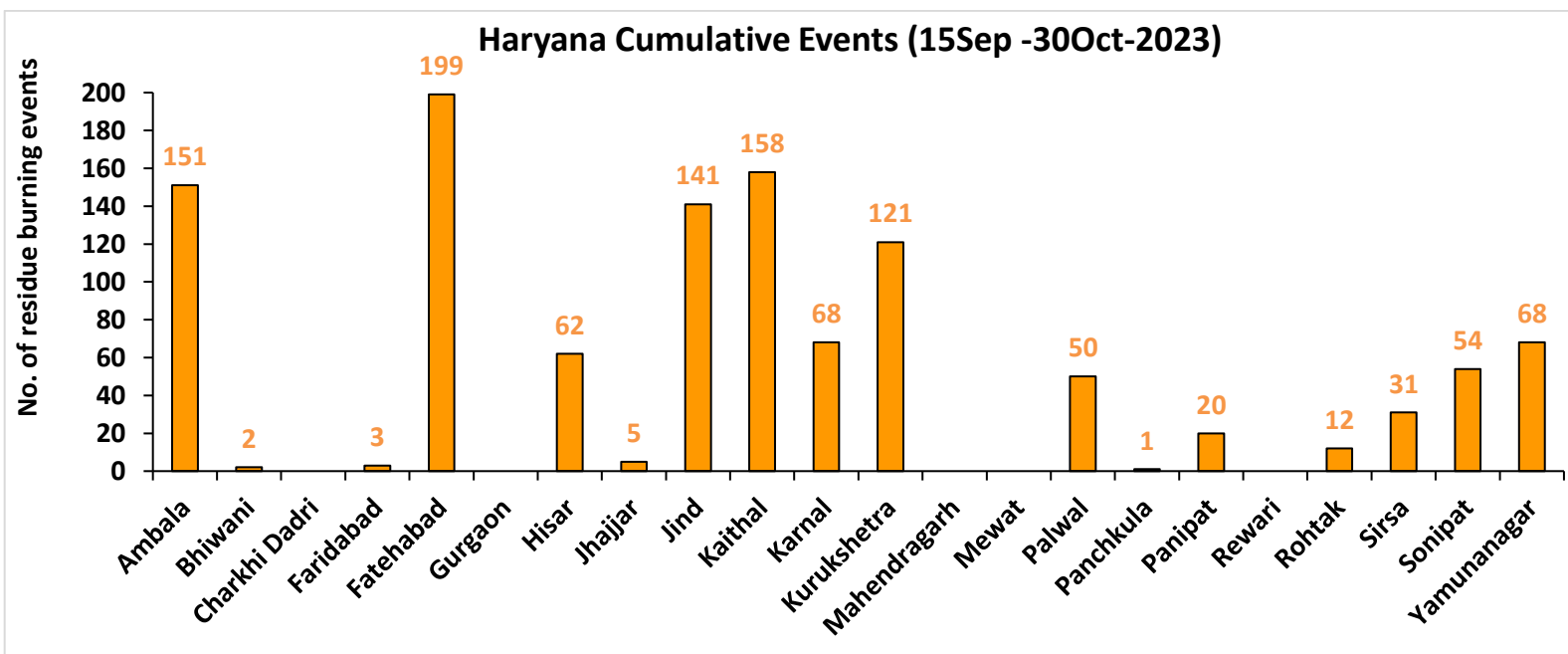
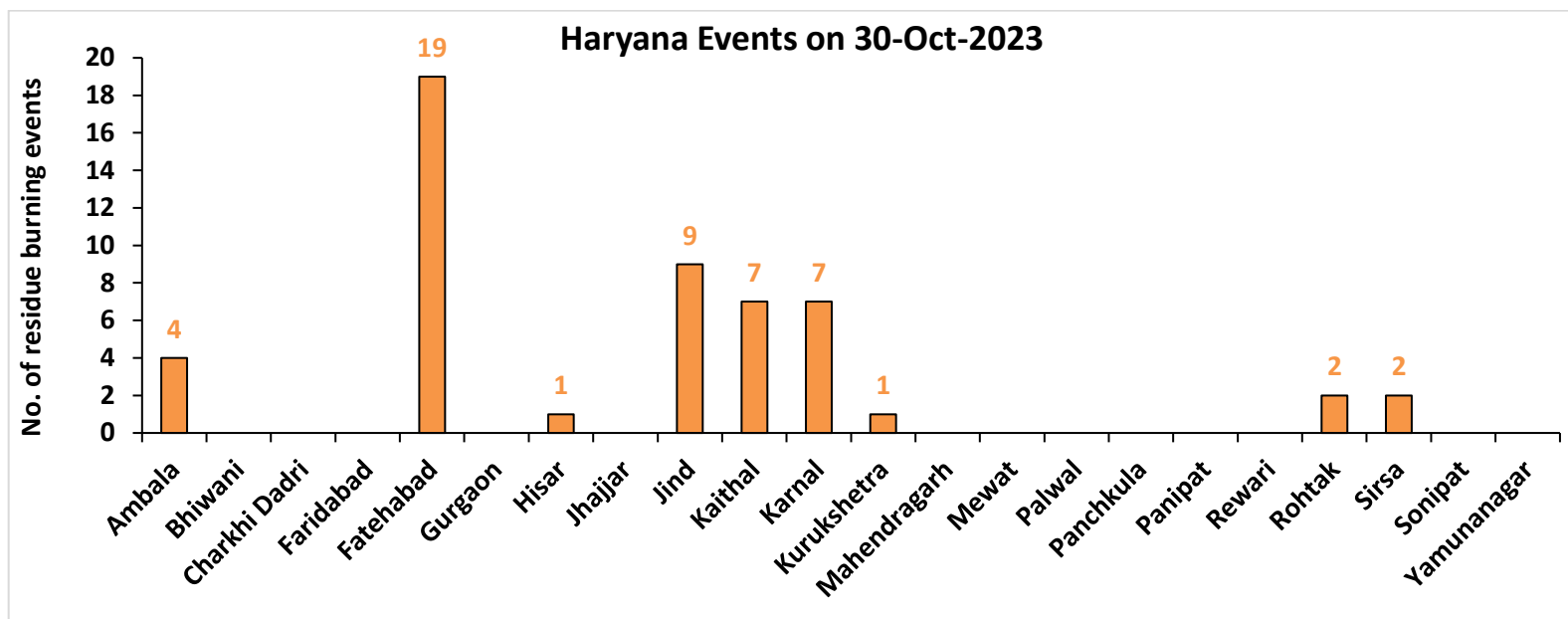
### Fire Intensity (W/m<sup>2</sup>)

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



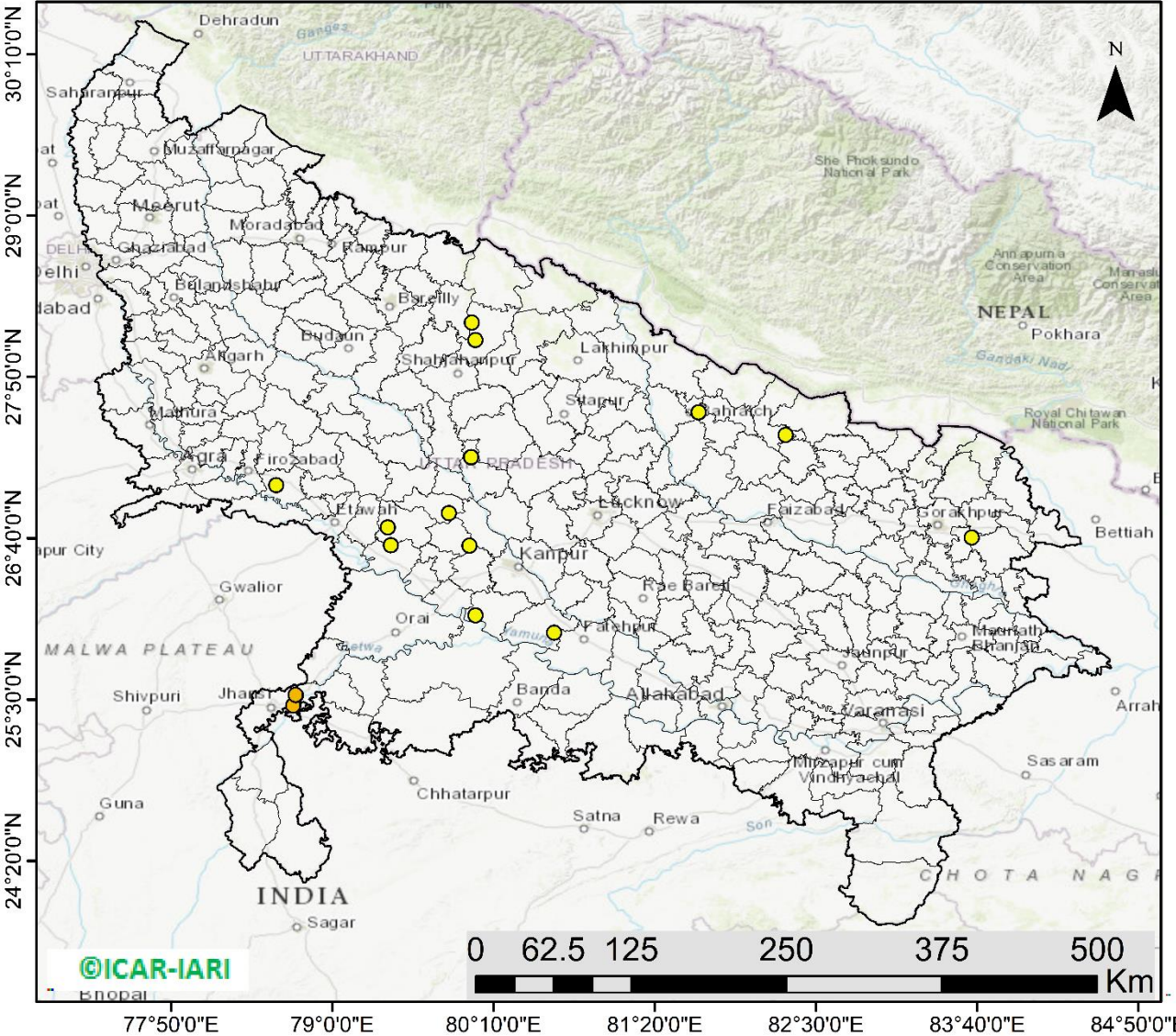
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

## District-wise cumulative number of residues burning events in Haryana (15Sep-30Oct -2023)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



19 burning events detected in Uttar Pradesh on (30th Oct 2023)

Fire Intensity (W/m2)

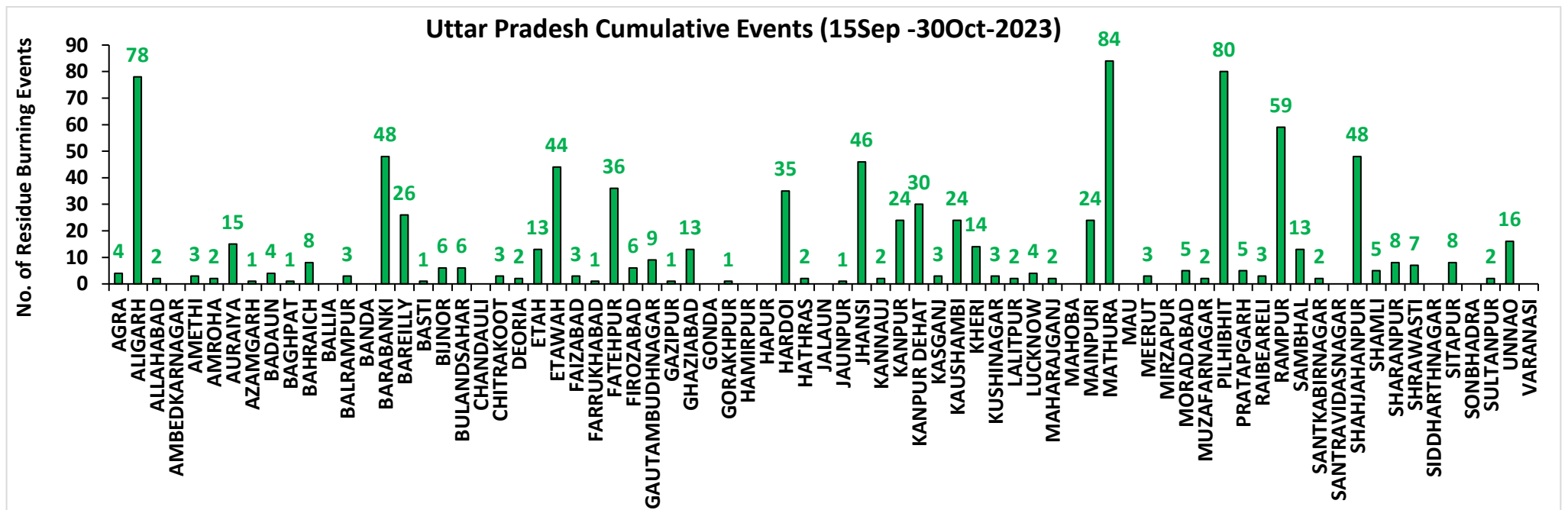
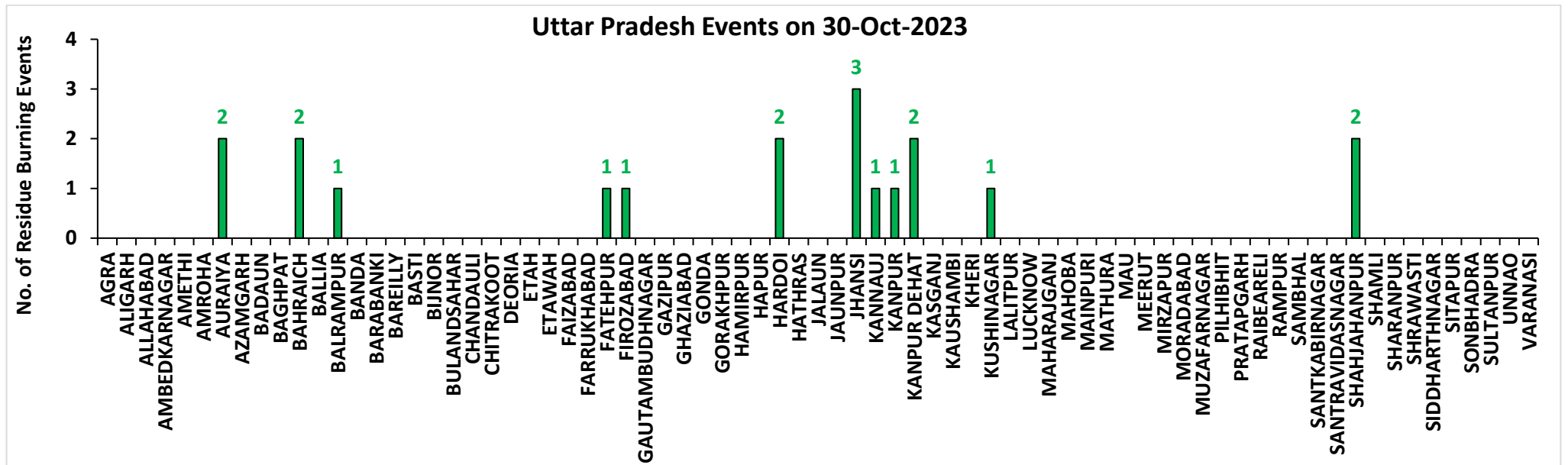
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



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

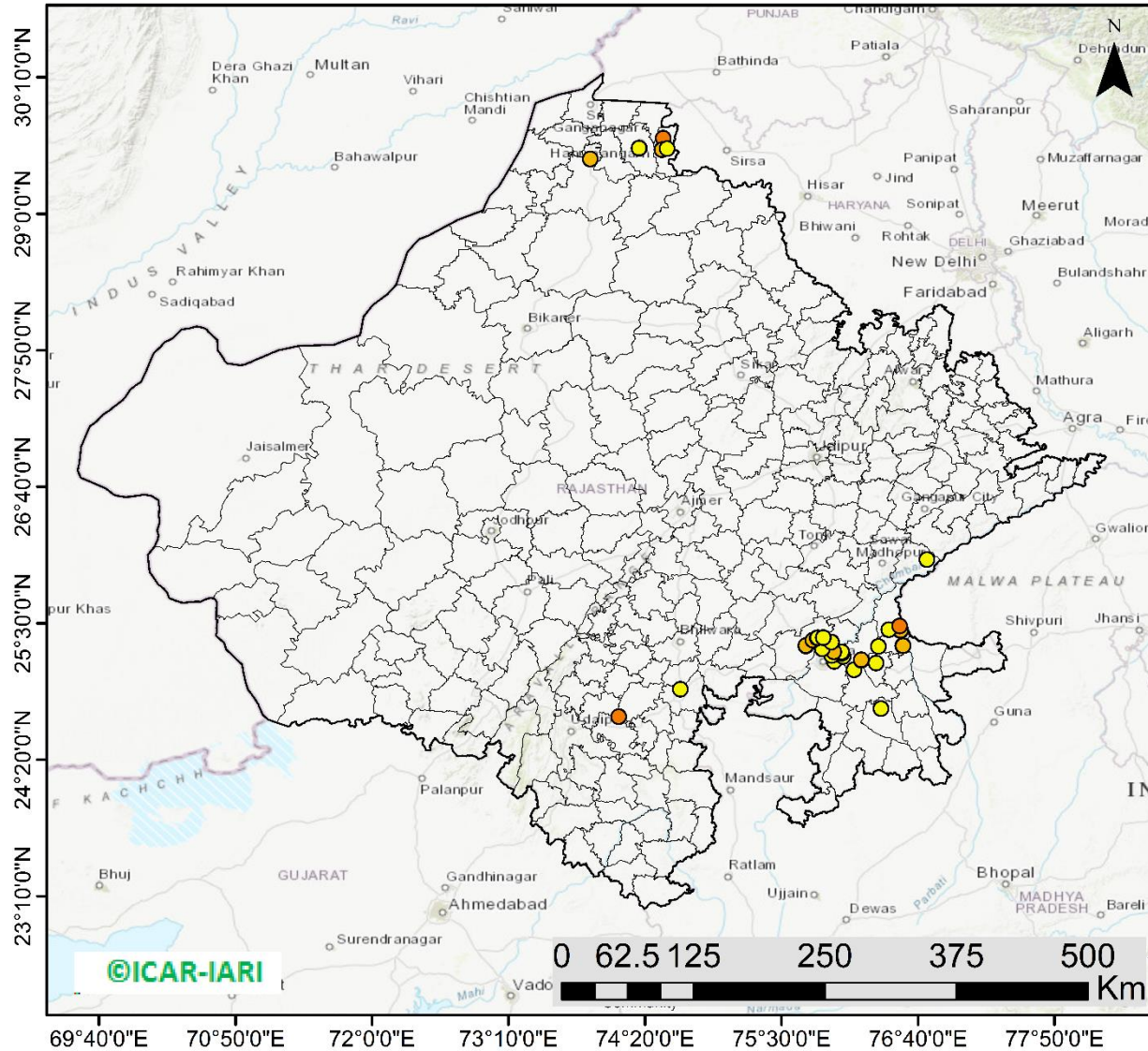


## District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-30Oct -2023)



# Rajasthan

## RICE RESIDUE BURNING IN RAJASTHAN



**37** burning events  
detected in Rajasthan on  
**(30th Oct 2023)**

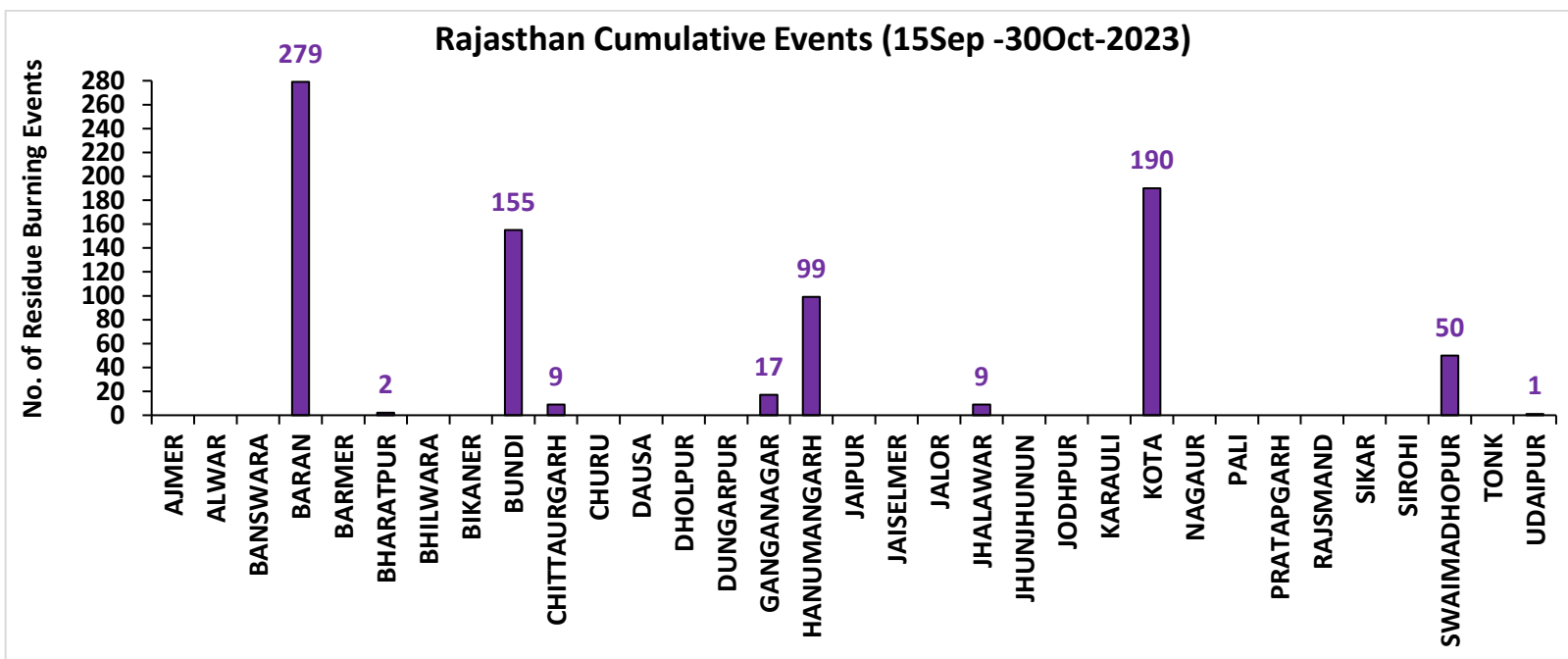
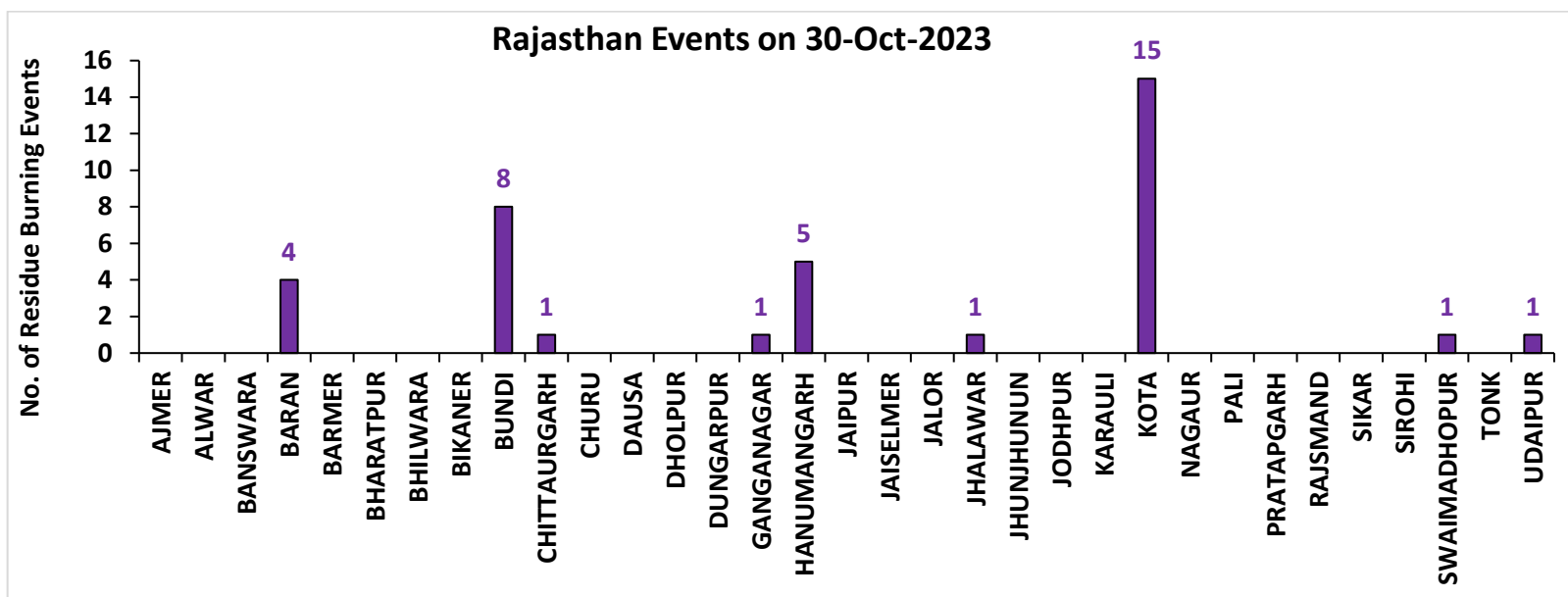
### Fire Intensity (W/m<sup>2</sup>)

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



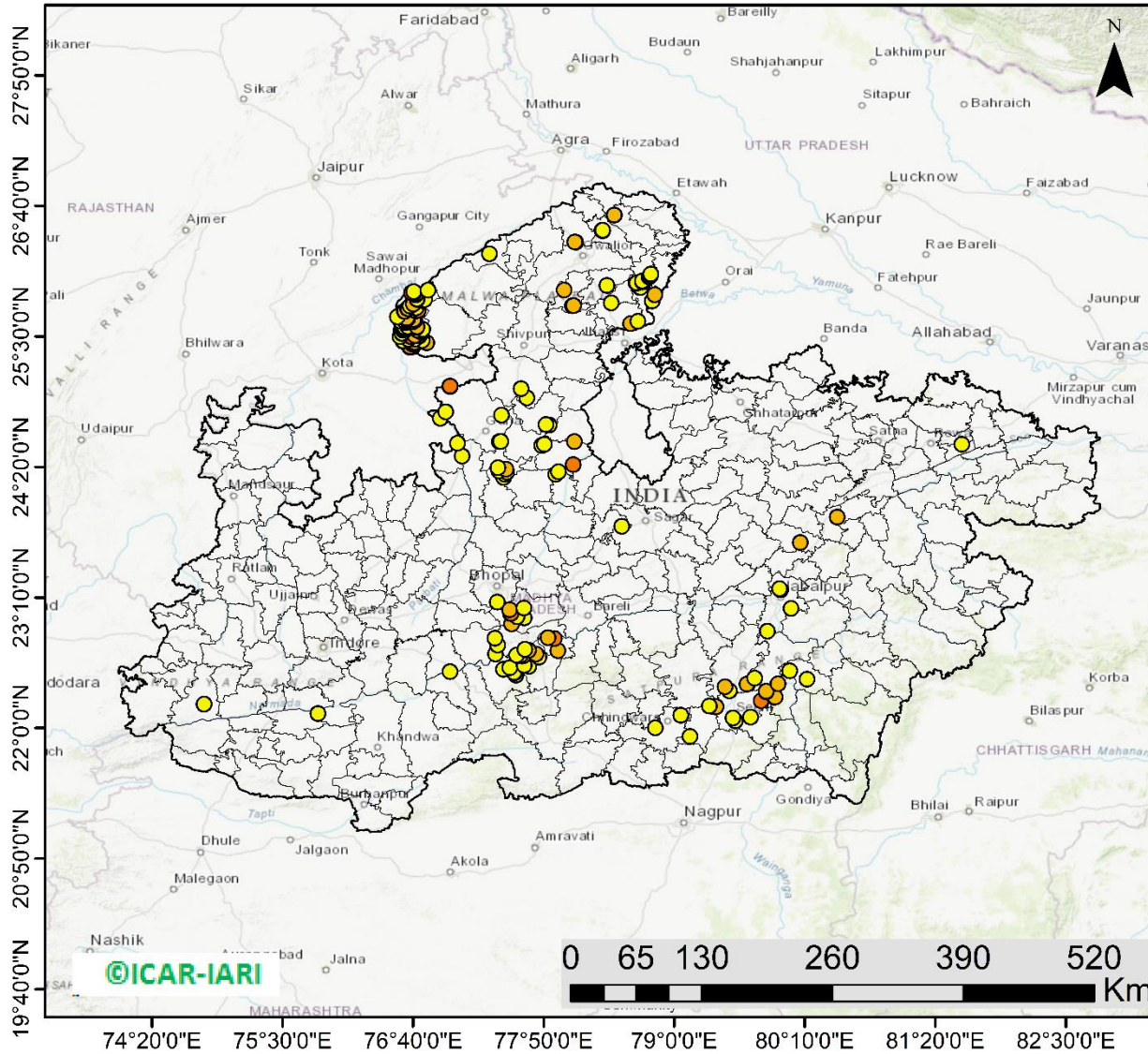
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

## District-wise cumulative number of residues burning events in Rajasthan (15Sep-30Oct -2023)



# Madhya Pradesh

## RICE RESIDUE BURNING IN MADHYA PRADESH



**224** burning events  
detected in MP on  
(30th Oct 2023)

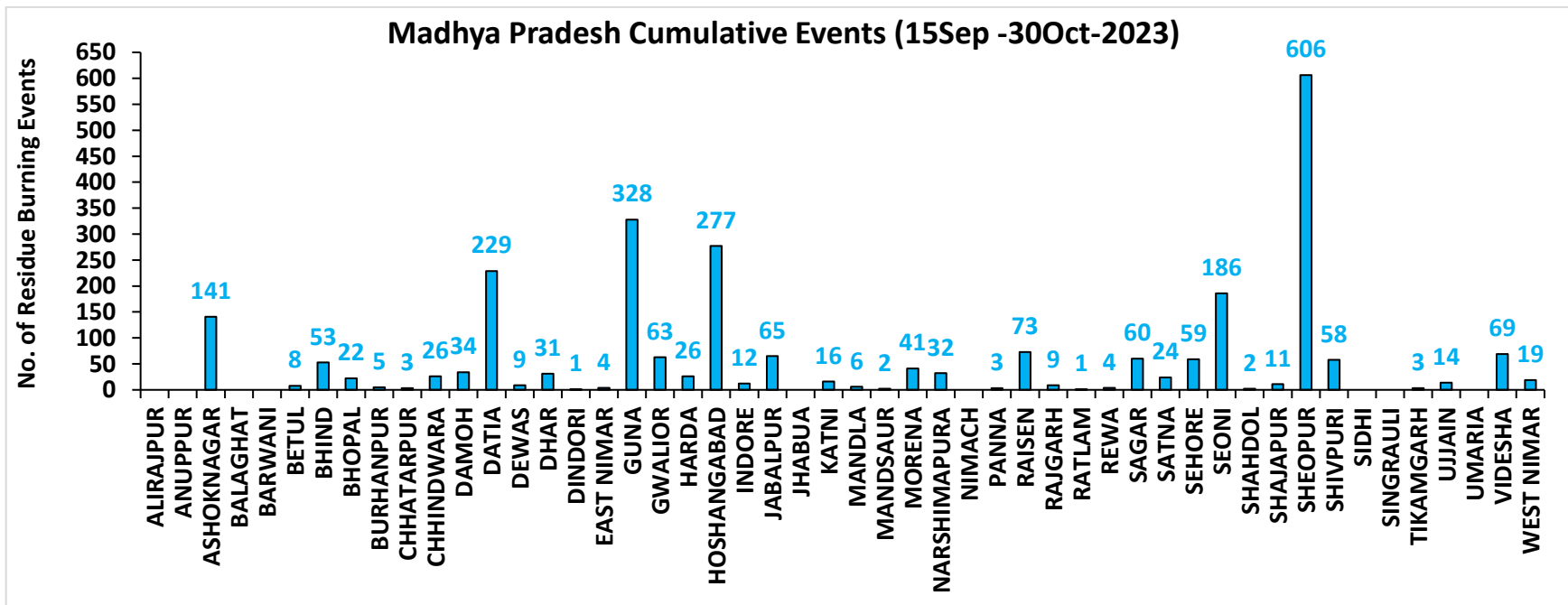
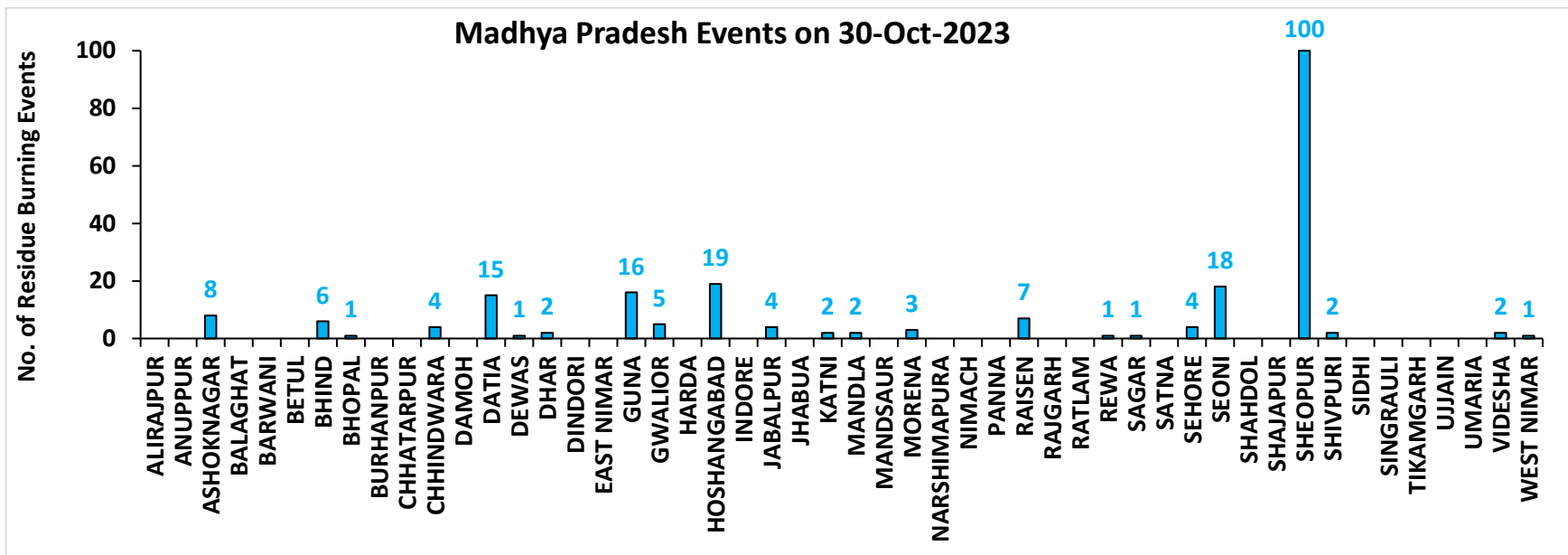
### Fire Intensity (W/m<sup>2</sup>)

- 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-30Oct -2023)



**District-wise cumulative number of residues burning events detected in 2020, 2021, 2022 and 2023**  
**(Period: 15 September-30 October)**

**(a) Punjab**

District	15 Sep-30 Oct			
	2020	2021	2022	2023
Amritsar	2663	1112	1318	1103
Barnala	662	311	392	84
Bathinda	776	351	542	127
Faridkot	1488	629	225	154
Fatehgarh Sahib	954	305	661	301
Fazilka	354	159	133	46
Firozpur	4000	803	837	643
Gurdaspur	1887	504	801	139
Hoshiarpur	312	108	163	14
Jalandhar	837	453	676	171
Kapurthala	1393	656	856	257
Ludhiana	1214	654	658	277
Mansa	580	121	315	351
Moga	932	403	341	218
Muktsar	946	370	221	57
Pathankot	8	1	0	1
Patiala	3036	872	1615	671
Rupnagar	114	46	140	13
Sangrur	2770	436	1535	770
SAS NAGAR (Mohali)	111	69	77	83
SBS Nagar	61	39	69	29
Tarn Taran	4614	1972	2298	775
<b>Total</b>	<b>29712</b>	<b>10374</b>	<b>13873</b>	<b>6284</b>

**(b) Haryana**

District	15 Sep-30 Oct			
	2020	2021	2022	2023
AMBALA	299	146	162	151
BHIWANI	0	0	0	2
CHARKHI DADRI	0	0	0	0
FARIDABAD	1	2	1	3
FATEHABAD	211	254	279	199
GURGAON	0	0	0	0
HISAR	12	14	32	62
JHAJJAR	3	0	1	5
JIND	84	138	195	141
KAITHAL	513	683	505	158
KARNAL	496	689	245	68
KURUKSHETRA	376	418	282	121
MAHENDRAGARH	0	0	0	0
MEWAT	0	0	0	0
PALWAL	35	41	24	50
PANCHKULA	0	0	0	1
PANIPAT	17	32	27	20
REWARI	0	0	0	0
ROHTAK	9	0	0	12
SIRSA	50	38	50	31
SONIPAT	20	11	14	54
YAMUNANAGAR	110	95	108	68
<b>Total</b>	<b>2236</b>	<b>2561</b>	<b>1925</b>	<b>1146</b>

(c) Uttar Pradesh

District	15 Sep-30 Oct													
	2020	2021	2022	2023	GAUTAMBUDHNAGAR	7	9	9	9	MUZAFARNAGAR	5	3	1	2
AGRA	2	0	0	4	GAZIPUR	0	0	0	1	PILHIBHIT	10	123	98	80
ALIGARH	76	25	30	78	GHAZIABAD	8	5	2	13	PRATAPGARH	4	0	3	5
ALLAHABAD	5	2	2	2	GONDA	1	0	0	0	RAIBEARELI	2	1	3	3
AMBEDKARNAGAR	1	0	0	0	GORAKHPUR	3	0	0	1	RAMPUR	85	65	55	59
AMETHI	2	2	4	3	HAMIRPUR	1	0	0	0	SAMBHAL	7	8	10	13
AMROHA	3	0	0	2	HAPUR	8	3	2	0	SANTKABIRNAGAR	0	0	2	2
AURAIYA	22	13	8	15	HARDOI	32	10	14	35	SANTRAVIDASNAGAR	0	0	0	0
AZAMGARH	4	0	0	1	HATHRAS	0	0	1	2	SHAHJAHANPUR	61	211	223	48
BADAUN	2	6	0	4	JALAUN	4	0	0	0	SHAMLI	25	17	6	5
BAGHPAT	5	1	2	1	JAUNPUR	2	1	0	1	SHARANPUR	59	31	8	8
BAHRAICH	50	8	7	8	JHANSI	38	7	5	46	SHRAWASTI	17	3	2	7
BALLIA	2	0	0	0	KANNAUJ	14	2	1	2	SIDDHARTHANAGAR	3	0	0	0
BALRAMPUR	16	3	2	3	KANPUR	12	7	11	24	SITAPUR	31	24	7	8
BANDA	1	0	0	0	KANPUR DEHAT	28	4	1	30	SONBHADRA	0	0	0	0
BARABANKI	25	25	31	48	KASGANJ	2	2	0	3	SULTANPUR	2	1	1	2
BAREILLY	32	18	13	26	KAUSHAMBI	19	14	7	24	UNNAO	9	1	1	16
BASTI	7	1	1	1	KHERI	69	68	80	14	VARANASI	1	0	0	0
BIJNOR	8	6	2	6	KUSHINAGAR	4	0	1	3	<b>Total</b>	<b>1132</b>	<b>890</b>	<b>748</b>	<b>906</b>
BULANDSAHAR	30	2	7	6	LALITPUR	0	1	3	2					
CHANDAULI	0	0	0	0	LUCKNOW	10	8	1	4					
CHITRAKOOT	0	3	2	3	MAHARAJGANJ	2	0	2	2					
DEORIA	6	0	2	2	MAHOBA	12	0	0	0					
ETAH	13	6	2	13	MAINPURI	19	13	12	24					
ETAWAH	16	10	7	44	MATHURA	92	80	18	84					
FAIZABAD	3	0	0	3	MAU	0	0	0	0					
FARRUKHABAD	2	0	0	1	MEERUT	16	6	4	3					
FATEHPUR	47	18	30	36	MIRZAPUR	6	5	2	0					
FIROZABAD	14	5	0	6	MORADABAD	8	3	0	5					

**(d) Delhi**

District	15 Sep-30 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
<b>Total</b>	<b>8</b>	<b>0</b>	<b>5</b>	<b>2</b>

**(e) Rajasthan**

District	15 Sep-30 Oct			
	2020	2021	2022	2023
AJMER	3	0	0	0
ALWAR	4	0	0	0
BANSWARA	0	0	0	0
BARAN	128	1	34	279
BARMER	3	0	0	0
BHARATPUR	2	2	1	2
BHILWARA	6	0	0	0
BIKANER	1	0	0	0
BUNDI	57	16	104	155
CHITTAURGARH	0	5	3	9
CHURU	0	0	0	0
DAUSA	0	0	0	0
DHOLPUR	0	0	0	0
DUNGARPUR	0	0	0	0
GANGANAGAR	10	5	14	17
HANUMANGARH	277	74	42	99
JAIPUR	2	0	0	0
JAISELMER	3	0	0	0
JALOR	0	0	0	0
JHALAWAR	2	0	2	9
JHUNJHUNUN	1	0	0	0
JODHPUR	2	0	0	0
KARAULI	1	0	0	0
KOTA	73	5	58	190
NAGOUR	0	0	0	0
PALI	2	0	0	0
PRATAPGARH	6	0	0	0
RAJSMAND	0	0	0	0
SIKAR	0	0	0	0
SIROHI	1	0	0	0
SWAIMADHOPUR	32	1	24	50
TONK	3	0	0	0
UDAIPUR	0	0	0	1
<b>Total</b>	<b>619</b>	<b>109</b>	<b>282</b>	<b>811</b>



**(f) Madhya Pradesh**

District	15 Sep-30 Oct								
	2020	2021	2022	2023					
					PANNA	14	3	0	3
ALIRAJPUR	0	0	0	0	RAISEN	164	8	18	73
ANUPPUR	0	0	0	0	RAJGARH	9	1	3	9
ASHOKNAGAR	81	4	15	141	RATLAM	0	0	0	1
BALAGHAT	0	0	0	0	REWA	36	4	2	4
BARWANI	0	0	0	0	SAGAR	24	18	34	60
BETUL	14	4	1	8	SATNA	120	15	3	24
BHIND	54	2	17	53	SEHORE	53	19	40	59
BHOPAL	25	7	8	22	SEONI	549	366	106	186
BURHANPUR	0	1	0	5	SHAHDOL	0	0	0	2
CHHATARPUR	5	0	0	3	SHAJAPUR	7	0	0	11
CHHINDWARA	39	19	20	26	SHEOPUR	234	4	94	606
DAMOH	51	20	23	34	SHIVPURI	58	2	16	58
DATIA	294	15	41	229	SIDHI	1	0	0	0
DEWAS	5	0	0	9	SINGRAULI	0	0	1	0
DHAR	28	0	0	31	TIKAMGARH	3	0	0	3
DINDORI	0	0	0	1	UJJAIN	5	0	0	14
EAST NIMAR	13	6	5	4	UMARIA	0	0	0	0
GUNA	46	2	47	328	VIDESHA	89	16	24	69
GWALIOR	347	7	12	63	WEST NIMAR	26	1	2	19
HARDA	12	18	7	26	<b>Total</b>	<b>3109</b>	<b>783</b>	<b>718</b>	<b>2635</b>
HOSHANGABAD	442	135	98	277					
INDORE	3	0	0	12					
JABALPUR	92	20	25	65					
JHABUA	0	0	0	0					
KATNI	54	2	5	16					
MANDLA	9	27	5	6					
MANDSAUR	8	0	0	2					
MORENA	44	13	8	41					
NARSHIMAPURA	51	24	38	32					
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-30 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



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

<b>28-Oct</b>	0	0	0	0	45	4	46	12	537	110	143	202
<b>29-Oct</b>	0	0	0	0	29	23	37	73	349	97	151	372
<b>30-Oct</b>	0	0	0	0	17	20	55	37	428	168	119	224
<b>Total</b>	<b>8</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>619</b>	<b>109</b>	<b>282</b>	<b>811</b>	<b>3109</b>	<b>783</b>	<b>718</b>	<b>2635</b>

### Details of residue burning events in Punjab on 30-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	S-NPP	31.83565	74.93752	13:54:11	D	2.20
2	AMRITSAR	AJNALA	S-NPP	31.85848	74.80948	13:54:11	D	3.50
3	AMRITSAR	AJNALA	S-NPP	31.85930	74.80864	13:54:11	D	4.10
4	AMRITSAR	AJNALA	S-NPP	31.86370	74.86049	13:54:11	D	5.40
5	AMRITSAR	AJNALA	S-NPP	31.86483	74.85957	13:54:11	D	5.80
6	AMRITSAR	AJNALA	S-NPP	31.96175	74.96010	13:54:11	D	2.80
7	AMRITSAR	AJNALA	S-NPP	31.97538	74.87125	13:54:11	D	2.90
8	AMRITSAR	ATTARI	S-NPP	31.50396	74.60487	13:54:11	D	2.60
9	AMRITSAR	ATTARI	S-NPP	31.56435	74.90432	13:54:11	D	1.80
10	AMRITSAR	ATTARI	S-NPP	31.57034	74.88197	13:54:11	D	2.40
11	AMRITSAR	ATTARI	S-NPP	31.57178	74.66154	13:54:11	D	8.00
12	AMRITSAR	ATTARI	S-NPP	31.57420	74.80026	13:54:11	D	3.00
13	AMRITSAR	ATTARI	S-NPP	31.59824	74.71647	13:54:11	D	3.20
14	AMRITSAR	ATTARI	S-NPP	31.60051	74.62403	13:54:11	D	2.90
15	AMRITSAR	ATTARI	S-NPP	31.61789	74.55930	13:54:11	D	2.30
16	AMRITSAR	CHOGAWAN	S-NPP	31.71741	74.67559	13:54:11	D	3.40
17	AMRITSAR	CHOGAWAN	S-NPP	31.77856	74.59566	13:54:11	D	6.80
18	AMRITSAR	HARSHA CHHINA	S-NPP	31.69525	74.77612	13:54:11	D	1.70
19	AMRITSAR	HARSHA CHHINA	S-NPP	31.77772	74.90219	13:54:11	D	2.60
20	AMRITSAR	HARSHA CHHINA	S-NPP	31.78183	74.90161	13:54:11	D	2.90
21	AMRITSAR	HARSHA CHHINA	S-NPP	31.78549	74.89674	13:54:11	D	2.90
22	AMRITSAR	HARSHA CHHINA	S-NPP	31.81532	74.70819	13:54:11	D	2.20
23	AMRITSAR	JANDIALA GURU	S-NPP	31.56787	74.93832	13:54:11	D	1.80
24	AMRITSAR	JANDIALA GURU	S-NPP	31.65137	74.97863	13:54:11	D	2.80
25	AMRITSAR	MAJITHA	S-NPP	31.68571	75.08546	13:54:11	D	4.70
26	AMRITSAR	MAJITHA	S-NPP	31.79524	74.99134	13:54:11	D	2.00
27	AMRITSAR	RAYYA	AQUA	31.56200	75.20300	14:25:55	D	18.30
28	AMRITSAR	RAYYA	S-NPP	31.50700	75.21882	13:54:11	D	2.00
29	AMRITSAR	RAYYA	S-NPP	31.53155	75.21095	13:54:11	D	5.60

30	AMRITSAR	RAYYA	S-NPP	31.55051	75.27109	13:54:11	D	3.40
31	AMRITSAR	RAYYA	S-NPP	31.58397	75.26650	13:54:11	D	3.30
32	AMRITSAR	RAYYA	S-NPP	31.58441	75.26710	13:54:11	D	2.90
33	AMRITSAR	RAYYA	S-NPP	31.59241	75.30598	13:54:11	D	2.90
34	AMRITSAR	RAYYA	S-NPP	31.59259	75.30664	13:54:11	D	3.60
35	AMRITSAR	RAYYA	S-NPP	31.60830	75.20985	13:54:11	D	4.90
36	AMRITSAR	RAYYA	S-NPP	31.67089	75.28229	13:54:11	D	3.60
37	AMRITSAR	TARSIKKA	AQUA	31.73000	75.18900	14:25:55	D	12.30
38	AMRITSAR	TARSIKKA	S-NPP	31.62733	75.18932	13:54:11	D	2.00
39	AMRITSAR	TARSIKKA	S-NPP	31.66994	75.19237	13:54:11	D	9.70
40	AMRITSAR	TARSIKKA	S-NPP	31.73951	75.15797	13:54:11	D	4.30
41	AMRITSAR	TARSIKKA	S-NPP	31.73997	75.16238	13:54:11	D	4.30
42	AMRITSAR	TARSIKKA	S-NPP	31.74368	75.15739	13:54:11	D	8.00
43	AMRITSAR	VERKA	S-NPP	31.65279	74.76519	13:54:11	D	4.40
44	BARNALA	BARNALA	AQUA	30.50500	75.67500	14:25:55	D	13.70
45	BARNALA	BARNALA	S-NPP	30.14884	75.57716	13:54:11	D	2.10
46	BARNALA	BARNALA	S-NPP	30.22583	75.49248	13:54:11	D	2.40
47	BARNALA	BARNALA	S-NPP	30.23176	75.63737	13:54:11	D	3.40
48	BARNALA	BARNALA	S-NPP	30.25906	75.69349	13:54:11	D	11.40
49	BARNALA	BARNALA	S-NPP	30.25951	75.69794	13:54:11	D	11.40
50	BARNALA	BARNALA	S-NPP	30.28600	75.54179	13:54:11	D	3.60
51	BARNALA	BARNALA	S-NPP	30.30273	75.57962	13:54:11	D	3.70
52	BARNALA	BARNALA	S-NPP	30.30692	75.57906	13:54:11	D	3.70
53	BARNALA	BARNALA	S-NPP	30.34095	75.57891	13:54:11	D	3.50
54	BARNALA	BARNALA	S-NPP	30.34120	75.58071	13:54:11	D	4.20
55	BARNALA	BARNALA	S-NPP	30.37356	75.48279	13:54:11	D	3.20
56	BARNALA	BARNALA	S-NPP	30.42945	75.48056	13:54:11	D	4.30
57	BARNALA	BARNALA	S-NPP	30.43664	75.47861	13:54:11	D	8.40
58	BARNALA	BARNALA	S-NPP	30.43780	75.47942	13:54:11	D	7.20
59	BARNALA	MAHAL KALAN	S-NPP	30.47994	75.51814	13:54:11	D	9.80
60	BARNALA	MAHAL KALAN	S-NPP	30.48040	75.52253	13:54:11	D	21.90
61	BARNALA	MAHAL KALAN	S-NPP	30.49719	75.48016	13:54:11	D	2.80
62	BARNALA	MAHAL KALAN	S-NPP	30.50880	75.46970	13:54:11	D	9.10

63	BARNALA	MAHAL KALAN	S-NPP	30.52180	75.47236	13:54:11	D	3.90
64	BARNALA	MAHAL KALAN	S-NPP	30.53965	75.64062	13:54:11	D	17.60
65	BARNALA	MAHAL KALAN	S-NPP	30.56341	75.54333	13:54:11	D	3.70
66	BARNALA	MAHAL KALAN	S-NPP	30.57272	75.55105	13:54:11	D	5.40
67	BARNALA	MAHAL KALAN	S-NPP	30.58317	75.65382	13:54:11	D	12.70
68	BARNALA	MAHAL KALAN	S-NPP	30.59064	75.43693	13:54:11	D	2.40
69	BARNALA	SEHNA	S-NPP	30.35662	75.40149	13:54:11	D	4.40
70	BARNALA	SEHNA	S-NPP	30.48437	75.31924	13:54:11	D	7.80
71	BARNALA	SEHNA	S-NPP	30.48888	75.44141	13:54:11	D	4.10
72	BARNALA	SEHNA	S-NPP	30.49167	75.42777	13:54:11	D	6.90
73	BARNALA	SEHNA	S-NPP	30.51388	75.39828	13:54:11	D	7.20
74	BATHINDA	BATHINDA	S-NPP	30.15537	75.01486	13:54:11	D	3.20
75	BATHINDA	BHAGTA BHAI KA	S-NPP	30.43579	75.09874	13:54:11	D	14.70
76	BATHINDA	BHAGTA BHAI KA	S-NPP	30.47981	75.23760	13:54:11	D	7.40
77	BATHINDA	BHAGTA BHAI KA	S-NPP	30.48750	75.07880	13:54:11	D	5.10
78	BATHINDA	BHAGTA BHAI KA	S-NPP	30.51732	75.17698	13:54:11	D	5.80
79	BATHINDA	GONIANA MANDI	S-NPP	30.27142	74.90919	13:54:11	D	2.90
80	BATHINDA	GONIANA MANDI	S-NPP	30.35473	74.88499	13:54:11	D	4.50
81	BATHINDA	GONIANA MANDI	S-NPP	30.35876	74.88441	13:54:11	D	13.90
82	BATHINDA	MAUR	S-NPP	30.00300	75.24121	13:54:11	D	3.90
83	BATHINDA	MAUR	S-NPP	30.05578	75.26778	13:54:11	D	7.80
84	BATHINDA	NATHANA	S-NPP	30.33434	75.11243	13:54:11	D	3.50
85	BATHINDA	PHUL	AQUA	30.26000	75.15500	14:25:55	D	8.10
86	BATHINDA	PHUL	AQUA	30.39500	75.22400	14:25:55	D	23.40
87	BATHINDA	PHUL	S-NPP	30.29978	75.27773	13:54:11	D	3.80
88	BATHINDA	PHUL	S-NPP	30.30429	75.26135	13:54:11	D	2.10
89	BATHINDA	PHUL	S-NPP	30.30622	75.29834	13:54:11	D	11.90
90	BATHINDA	PHUL	S-NPP	30.30779	75.29528	13:54:11	D	4.90
91	BATHINDA	PHUL	S-NPP	30.31825	75.31543	13:54:11	D	8.50
92	BATHINDA	PHUL	S-NPP	30.37152	75.26487	13:54:11	D	8.40
93	BATHINDA	PHUL	S-NPP	30.45286	75.21986	13:54:11	D	27.70
94	BATHINDA	RAMPURA	AQUA	30.30000	75.31900	14:25:55	D	23.80
95	BATHINDA	RAMPURA	AQUA	30.30200	75.33800	14:25:55	D	26.00



96	BATHINDA	RAMPURA	S-NPP	30.15997	75.20684	13:54:11	D	3.70
97	BATHINDA	RAMPURA	S-NPP	30.16726	75.27390	13:54:11	D	3.20
98	BATHINDA	RAMPURA	S-NPP	30.19152	75.30484	13:54:11	D	2.30
99	BATHINDA	RAMPURA	S-NPP	30.19934	75.23606	13:54:11	D	36.90
100	BATHINDA	RAMPURA	S-NPP	30.21399	75.21697	13:54:11	D	3.90
101	BATHINDA	RAMPURA	S-NPP	30.26449	75.33867	13:54:11	D	3.70
102	BATHINDA	RAMPURA	S-NPP	30.26954	75.34663	13:54:11	D	15.70
103	BATHINDA	RAMPURA	S-NPP	30.28011	75.32787	13:54:11	D	2.40
104	BATHINDA	RAMPURA	S-NPP	30.29201	75.28310	13:54:11	D	3.00
105	BATHINDA	RAMPURA	S-NPP	30.29247	75.28733	13:54:11	D	3.00
106	BATHINDA	RAMPURA	S-NPP	30.30367	75.29585	13:54:11	D	4.90
107	BATHINDA	TALWANDI SABO	AQUA	29.82900	75.15000	14:25:55	D	9.70
108	BATHINDA	TALWANDI SABO	S-NPP	29.83077	75.16403	13:54:11	D	2.90
109	BATHINDA	TALWANDI SABO	S-NPP	29.96425	75.14530	13:54:11	D	4.70
110	BATHINDA	TALWANDI SABO	S-NPP	29.97164	75.14050	13:54:11	D	3.20
111	BATHINDA	TALWANDI SABO	S-NPP	29.97581	74.98680	13:54:11	D	8.40
112	BATHINDA	TALWANDI SABO	S-NPP	29.99319	75.18774	13:54:11	D	5.40
113	BATHINDA	TALWANDI SABO	S-NPP	29.99726	75.18717	13:54:11	D	7.00
114	BATHINDA	TALWANDI SABO	S-NPP	30.04889	74.98051	13:54:11	D	2.60
115	BATHINDA	TALWANDI SABO	S-NPP	30.05167	75.07921	13:54:11	D	12.00
116	BATHINDA	TALWANDI SABO	S-NPP	30.05378	74.95114	13:54:11	D	4.10
117	BATHINDA	TALWANDI SABO	S-NPP	30.05408	74.95108	13:54:11	D	4.30
118	FARIDKOT	FARIDKOT	AQUA	30.71800	74.62200	14:25:55	D	13.40
119	FARIDKOT	FARIDKOT	AQUA	30.72000	74.62800	14:25:55	D	19.90
120	FARIDKOT	FARIDKOT	AQUA	30.73100	74.84000	14:25:55	D	21.00
121	FARIDKOT	FARIDKOT	AQUA	30.73400	74.55000	14:25:55	D	20.10
122	FARIDKOT	FARIDKOT	AQUA	30.73500	74.56700	14:25:55	D	15.20
123	FARIDKOT	FARIDKOT	AQUA	30.74100	74.85100	14:25:55	D	22.20
124	FARIDKOT	FARIDKOT	AQUA	30.75100	74.49600	14:25:55	D	10.40
125	FARIDKOT	FARIDKOT	AQUA	30.75500	74.75900	14:25:55	D	27.10
126	FARIDKOT	FARIDKOT	AQUA	30.75700	74.77600	14:25:55	D	38.60
127	FARIDKOT	FARIDKOT	S-NPP	30.64274	74.66212	13:54:11	D	6.40
128	FARIDKOT	FARIDKOT	S-NPP	30.67167	74.81170	13:54:11	D	7.30

129	FARIDKOT	FARIDKOT	S-NPP	30.67258	74.81980	13:54:11	D	6.70
130	FARIDKOT	FARIDKOT	S-NPP	30.71710	74.85167	13:54:11	D	10.00
131	FARIDKOT	FARIDKOT	S-NPP	30.73074	74.75095	13:54:11	D	1.50
132	FARIDKOT	FARIDKOT	S-NPP	30.73459	74.86161	13:54:11	D	5.20
133	FARIDKOT	FARIDKOT	S-NPP	30.73497	74.53319	13:54:11	D	18.50
134	FARIDKOT	FARIDKOT	S-NPP	30.74025	74.50854	13:54:11	D	5.40
135	FARIDKOT	FARIDKOT	S-NPP	30.74554	74.51968	13:54:11	D	7.00
136	FARIDKOT	FARIDKOT	S-NPP	30.74580	74.49997	13:54:11	D	9.50
137	FARIDKOT	FARIDKOT	S-NPP	30.74684	74.49566	13:54:11	D	11.20
138	FARIDKOT	FARIDKOT	S-NPP	30.74769	74.51759	13:54:11	D	6.90
139	FARIDKOT	FARIDKOT	S-NPP	30.74976	74.49940	13:54:11	D	9.50
140	FARIDKOT	FARIDKOT	S-NPP	30.75147	74.50095	13:54:11	D	17.30
141	FARIDKOT	FARIDKOT	S-NPP	30.75214	74.50682	13:54:11	D	9.20
142	FARIDKOT	FARIDKOT	S-NPP	30.75246	74.48707	13:54:11	D	8.60
143	FARIDKOT	FARIDKOT	S-NPP	30.75260	74.80119	13:54:11	D	4.50
144	FARIDKOT	FARIDKOT	S-NPP	30.75343	74.48279	13:54:11	D	6.30
145	FARIDKOT	FARIDKOT	S-NPP	30.75373	74.49881	13:54:11	D	12.30
146	FARIDKOT	FARIDKOT	S-NPP	30.75410	74.48865	13:54:11	D	6.30
147	FARIDKOT	FARIDKOT	S-NPP	30.75436	74.50468	13:54:11	D	12.30
148	FARIDKOT	FARIDKOT	S-NPP	30.75476	74.49451	13:54:11	D	17.30
149	FARIDKOT	FARIDKOT	S-NPP	30.75483	74.82150	13:54:11	D	2.80
150	FARIDKOT	FARIDKOT	S-NPP	30.75610	74.50624	13:54:11	D	9.20
151	FARIDKOT	FARIDKOT	S-NPP	30.75706	74.49236	13:54:11	D	8.60
152	FARIDKOT	FARIDKOT	S-NPP	30.75762	74.69911	13:54:11	D	5.70
153	FARIDKOT	FARIDKOT	S-NPP	30.77341	74.53178	13:54:11	D	8.20
154	FARIDKOT	FARIDKOT	S-NPP	30.78342	74.74748	13:54:11	D	3.40
155	FARIDKOT	FARIDKOT	S-NPP	30.78442	74.74772	13:54:11	D	6.10
156	FARIDKOT	FARIDKOT	S-NPP	30.79335	74.71673	13:54:11	D	5.30
157	FARIDKOT	FARIDKOT	S-NPP	30.82295	74.61492	13:54:11	D	8.30
158	FARIDKOT	FARIDKOT	S-NPP	30.82694	74.61434	13:54:11	D	8.30
159	FARIDKOT	JAITON	S-NPP	30.40847	74.80811	13:54:11	D	17.30
160	FARIDKOT	JAITON	S-NPP	30.42179	74.85520	13:54:11	D	14.90
161	FARIDKOT	JAITON	S-NPP	30.43120	74.82930	13:54:11	D	11.10

162	FARIDKOT	JAITON	S-NPP	30.43164	74.83332	13:54:11	D	11.10
163	FARIDKOT	JAITON	S-NPP	30.43692	74.95619	13:54:11	D	6.00
164	FARIDKOT	JAITON	S-NPP	30.45222	74.94571	13:54:11	D	2.00
165	FARIDKOT	JAITON	S-NPP	30.47249	74.98024	13:54:11	D	2.30
166	FARIDKOT	KOT KAPURA	S-NPP	30.50213	74.72656	13:54:11	D	15.90
167	FARIDKOT	KOT KAPURA	S-NPP	30.58544	74.69463	13:54:11	D	6.30
168	FATEHGARH SAHIB	AMLOH	AQUA	30.57100	76.24300	14:25:55	D	15.40
169	FATEHGARH SAHIB	AMLOH	S-NPP	30.66765	76.32975	13:54:11	D	5.00
170	FATEHGARH SAHIB	AMLOH	S-NPP	30.70095	76.35052	13:54:11	D	3.60
171	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.73300	76.46200	14:25:55	D	19.50
172	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.74000	76.39100	14:25:55	D	18.10
173	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.68217	76.43360	13:54:11	D	8.50
174	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69500	76.42691	13:54:11	D	3.00
175	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70090	76.44139	13:54:11	D	4.50
176	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71027	76.35435	13:54:11	D	3.00
177	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72406	76.40299	13:54:11	D	3.00
178	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.73247	76.44250	13:54:11	D	8.60
179	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.73347	76.45255	13:54:11	D	6.90
180	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.73862	76.47474	13:54:11	D	7.00
181	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.73992	76.47211	13:54:11	D	6.90
182	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.74166	76.45904	13:54:11	D	5.10
183	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.74286	76.45645	13:54:11	D	2.90
184	FATEHGARH SAHIB	KHAMANON	AQUA	30.73800	76.36900	14:25:55	D	38.50
185	FATEHGARH SAHIB	KHAMANON	S-NPP	30.73346	76.32363	13:54:11	D	3.80
186	FATEHGARH SAHIB	KHAMANON	S-NPP	30.76359	76.40542	13:54:11	D	3.70
187	FATEHGARH SAHIB	KHAMANON	S-NPP	30.78253	76.27738	13:54:11	D	3.20
188	FATEHGARH SAHIB	KHAMANON	S-NPP	30.82565	76.39756	13:54:11	D	4.00
189	FATEHGARH SAHIB	KHAMANON	S-NPP	30.84825	76.35426	13:54:11	D	3.90
190	FATEHGARH SAHIB	KHAMANON	S-NPP	30.85064	76.34686	13:54:11	D	4.90
191	FATEHGARH SAHIB	KHERA	AQUA	30.57900	76.46900	14:25:55	D	16.40
192	FATEHGARH SAHIB	KHERA	S-NPP	30.60572	76.50753	13:54:11	D	8.00
193	FATEHGARH SAHIB	KHERA	S-NPP	30.61018	76.41570	13:54:11	D	2.30
194	FATEHGARH SAHIB	KHERA	S-NPP	30.61462	76.46064	13:54:11	D	9.30

195	FATEHGARH SAHIB	KHERA	S-NPP	30.62151	76.43950	13:54:11	D	5.30
196	FATEHGARH SAHIB	KHERA	S-NPP	30.62894	76.44038	13:54:11	D	6.10
197	FATEHGARH SAHIB	KHERA	S-NPP	30.63038	76.43839	13:54:11	D	3.80
198	FATEHGARH SAHIB	SIRHIND	S-NPP	30.49428	76.36818	13:54:11	D	9.00
199	FATEHGARH SAHIB	SIRHIND	S-NPP	30.50560	76.48239	13:54:11	D	6.90
200	FATEHGARH SAHIB	SIRHIND	S-NPP	30.51497	76.48628	13:54:11	D	10.10
201	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54848	76.33334	13:54:11	D	1.60
202	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55753	76.42742	13:54:11	D	4.60
203	FATEHGARH SAHIB	SIRHIND	S-NPP	30.57049	76.33051	13:54:11	D	7.60
204	FATEHGARH SAHIB	SIRHIND	S-NPP	30.58609	76.39861	13:54:11	D	12.60
205	FATEHGARH SAHIB	SIRHIND	S-NPP	30.64892	76.36721	13:54:11	D	5.10
206	FAZILKA	ABOHAR	S-NPP	30.17696	74.19582	13:54:11	D	5.60
207	FAZILKA	JALALABAD	AQUA	30.47300	74.23400	14:25:55	D	10.00
208	FAZILKA	JALALABAD	S-NPP	30.48681	74.30293	13:54:11	D	4.60
209	FAZILKA	JALALABAD	S-NPP	30.50108	74.22046	13:54:11	D	7.00
210	FAZILKA	JALALABAD	S-NPP	30.50193	74.22401	13:54:11	D	6.10
211	FAZILKA	JALALABAD	S-NPP	30.50562	74.22549	13:54:11	D	6.60
212	FAZILKA	JALALABAD	S-NPP	30.50583	74.22343	13:54:11	D	6.10
213	FAZILKA	JALALABAD	S-NPP	30.60952	74.16217	13:54:11	D	4.20
214	FAZILKA	JALALABAD	S-NPP	30.60955	74.16071	13:54:11	D	8.50
215	FAZILKA	JALALABAD	S-NPP	30.61340	74.16159	13:54:11	D	4.20
216	FAZILKA	KHUIAN SARWAR	AQUA	30.21900	73.97900	14:25:55	D	18.10
217	FAZILKA	KHUIAN SARWAR	S-NPP	30.23561	74.01797	13:54:11	D	5.80
218	FIROZPUR	FIROZPUR	AQUA	30.85700	74.63100	14:25:55	D	24.60
219	FIROZPUR	FIROZPUR	AQUA	30.85900	74.64900	14:25:55	D	24.10
220	FIROZPUR	FIROZPUR	AQUA	30.87100	74.54200	14:25:55	D	9.90
221	FIROZPUR	FIROZPUR	AQUA	31.02900	74.64900	14:25:55	D	12.80
222	FIROZPUR	FIROZPUR	AQUA	31.04200	74.77300	14:25:55	D	16.10
223	FIROZPUR	FIROZPUR	S-NPP	30.84423	74.58762	13:54:11	D	16.90
224	FIROZPUR	FIROZPUR	S-NPP	30.84889	74.59299	13:54:11	D	17.40
225	FIROZPUR	FIROZPUR	S-NPP	30.86805	74.56987	13:54:11	D	9.50
226	FIROZPUR	FIROZPUR	S-NPP	30.87079	74.57167	13:54:11	D	9.20
227	FIROZPUR	FIROZPUR	S-NPP	30.87673	74.55273	13:54:11	D	2.80

228	FIROZPUR	FIROZPUR	S-NPP	30.87808	74.55030	13:54:11	D	5.50
229	FIROZPUR	FIROZPUR	S-NPP	30.93179	74.56056	13:54:11	D	17.40
230	FIROZPUR	FIROZPUR	S-NPP	30.93314	74.53622	13:54:11	D	5.10
231	FIROZPUR	FIROZPUR	S-NPP	30.96438	74.63479	13:54:11	D	14.30
232	FIROZPUR	FIROZPUR	S-NPP	30.96568	74.57378	13:54:11	D	14.90
233	FIROZPUR	FIROZPUR	S-NPP	30.96723	74.57175	13:54:11	D	15.50
234	FIROZPUR	FIROZPUR	S-NPP	30.98112	74.58794	13:54:11	D	9.60
235	FIROZPUR	FIROZPUR	S-NPP	30.99410	74.67159	13:54:11	D	4.80
236	FIROZPUR	FIROZPUR	S-NPP	31.00419	74.65171	13:54:11	D	6.10
237	FIROZPUR	FIROZPUR	S-NPP	31.01403	74.74381	13:54:11	D	2.60
238	FIROZPUR	FIROZPUR	S-NPP	31.01806	74.74323	13:54:11	D	4.60
239	FIROZPUR	FIROZPUR	S-NPP	31.03609	74.68294	13:54:11	D	1.30
240	FIROZPUR	FIROZPUR	S-NPP	31.04560	74.65797	13:54:11	D	5.80
241	FIROZPUR	FIROZPUR	S-NPP	31.05296	74.76306	13:54:11	D	31.00
242	FIROZPUR	GHALL KHURD	AQUA	30.83100	74.82000	14:25:55	D	11.30
243	FIROZPUR	GHALL KHURD	AQUA	30.83100	74.83200	14:25:55	D	14.60
244	FIROZPUR	GHALL KHURD	AQUA	30.85300	74.70300	14:25:55	D	11.10
245	FIROZPUR	GHALL KHURD	AQUA	30.90800	74.70800	14:25:55	D	11.20
246	FIROZPUR	GHALL KHURD	AQUA	30.92100	74.83200	14:25:55	D	17.70
247	FIROZPUR	GHALL KHURD	AQUA	30.92500	74.83700	14:25:55	D	38.80
248	FIROZPUR	GHALL KHURD	AQUA	30.95400	74.81000	14:25:55	D	12.80
249	FIROZPUR	GHALL KHURD	AQUA	31.00700	74.76600	14:25:55	D	20.50
250	FIROZPUR	GHALL KHURD	S-NPP	30.77456	74.81455	13:54:11	D	6.90
251	FIROZPUR	GHALL KHURD	S-NPP	30.79344	74.83303	13:54:11	D	2.50
252	FIROZPUR	GHALL KHURD	S-NPP	30.81277	74.82197	13:54:11	D	3.70
253	FIROZPUR	GHALL KHURD	S-NPP	30.81855	74.83772	13:54:11	D	3.50
254	FIROZPUR	GHALL KHURD	S-NPP	30.85798	74.82816	02:44:11	N	2.50
255	FIROZPUR	GHALL KHURD	S-NPP	30.85853	74.82782	13:54:11	D	3.90
256	FIROZPUR	GHALL KHURD	S-NPP	30.86198	74.82925	02:44:11	N	2.50
257	FIROZPUR	GHALL KHURD	S-NPP	30.86257	74.82723	13:54:11	D	4.60
258	FIROZPUR	GHALL KHURD	S-NPP	30.86796	74.76447	13:54:11	D	3.80
259	FIROZPUR	GHALL KHURD	S-NPP	30.87553	74.72228	13:54:11	D	2.40
260	FIROZPUR	GHALL KHURD	S-NPP	30.88995	74.81504	13:54:11	D	2.00

261	FIROZPUR	GHALL KHURD	S-NPP	30.92204	74.73193	13:54:11	D	6.90
262	FIROZPUR	GHALL KHURD	S-NPP	30.93228	74.75105	13:54:11	D	3.20
263	FIROZPUR	GHALL KHURD	S-NPP	30.93462	74.69728	13:54:11	D	6.80
264	FIROZPUR	GHALL KHURD	S-NPP	30.93631	74.75046	13:54:11	D	17.40
265	FIROZPUR	GHALL KHURD	S-NPP	30.95425	74.69034	13:54:11	D	12.40
266	FIROZPUR	GHALL KHURD	S-NPP	30.96975	74.68299	13:54:11	D	13.30
267	FIROZPUR	GHALL KHURD	S-NPP	30.97376	74.68241	13:54:11	D	13.30
268	FIROZPUR	GHALL KHURD	S-NPP	30.97927	74.73193	13:54:11	D	7.10
269	FIROZPUR	GHALL KHURD	S-NPP	30.98329	74.73135	13:54:11	D	5.10
270	FIROZPUR	GHALL KHURD	S-NPP	30.98416	74.70243	13:54:11	D	15.30
271	FIROZPUR	GHALL KHURD	S-NPP	30.98461	74.70647	13:54:11	D	15.30
272	FIROZPUR	GHALL KHURD	S-NPP	30.98731	74.73077	13:54:11	D	5.10
273	FIROZPUR	GHALL KHURD	S-NPP	30.98871	74.78016	13:54:11	D	5.70
274	FIROZPUR	GHALL KHURD	S-NPP	31.01793	74.78056	13:54:11	D	2.30
275	FIROZPUR	GHALL KHURD	S-NPP	31.02743	74.75429	13:54:11	D	2.40
276	FIROZPUR	GURUHAR SAHAI	AQUA	30.71000	74.43300	14:25:55	D	17.80
277	FIROZPUR	GURUHAR SAHAI	AQUA	30.72800	74.27900	14:25:55	D	8.40
278	FIROZPUR	GURUHAR SAHAI	S-NPP	30.61164	74.35197	13:54:11	D	5.20
279	FIROZPUR	GURUHAR SAHAI	S-NPP	30.65616	74.40254	13:54:11	D	7.80
280	FIROZPUR	GURUHAR SAHAI	S-NPP	30.66668	74.38924	13:54:11	D	9.60
281	FIROZPUR	GURUHAR SAHAI	S-NPP	30.66741	74.35986	13:54:11	D	4.90
282	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67062	74.38865	13:54:11	D	9.60
283	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67841	74.42277	13:54:11	D	4.20
284	FIROZPUR	GURUHAR SAHAI	S-NPP	30.71782	74.38168	13:54:11	D	4.10
285	FIROZPUR	GURUHAR SAHAI	S-NPP	30.74566	74.38744	13:54:11	D	7.00
286	FIROZPUR	GURUHAR SAHAI	S-NPP	30.75910	74.47417	13:54:11	D	7.80
287	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76000	74.46994	13:54:11	D	4.60
288	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76067	74.47578	13:54:11	D	4.60
289	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76115	74.45605	13:54:11	D	2.50
290	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76306	74.47359	13:54:11	D	7.80
291	FIROZPUR	GURUHAR SAHAI	S-NPP	30.77075	74.32506	13:54:11	D	10.30
292	FIROZPUR	MAKHU	S-NPP	31.03891	74.82336	13:54:11	D	36.00
293	FIROZPUR	MAKHU	S-NPP	31.04252	74.81866	13:54:11	D	8.20

294	FIROZPUR	MAKHU	S-NPP	31.05778	74.84579	13:54:11	D	4.10
295	FIROZPUR	MAKHU	S-NPP	31.06348	74.93769	13:54:11	D	2.90
296	FIROZPUR	MAKHU	S-NPP	31.06756	74.93712	13:54:11	D	2.90
297	FIROZPUR	MAKHU	S-NPP	31.07129	74.85645	13:54:11	D	5.30
298	FIROZPUR	MAKHU	S-NPP	31.07920	75.04652	13:54:11	D	3.30
299	FIROZPUR	MAKHU	S-NPP	31.08285	75.04172	13:54:11	D	9.10
300	FIROZPUR	MAKHU	S-NPP	31.11000	74.83863	13:54:11	D	2.00
301	FIROZPUR	MAKHU	S-NPP	31.14573	75.06356	13:54:11	D	2.60
302	FIROZPUR	MAKHU	S-NPP	31.15213	74.92552	13:54:11	D	1.40
303	FIROZPUR	MAMDOT	AQUA	30.78300	74.46800	14:25:55	D	14.00
304	FIROZPUR	MAMDOT	AQUA	30.78300	74.47400	14:25:55	D	23.20
305	FIROZPUR	MAMDOT	AQUA	30.78400	74.36500	14:25:55	D	28.80
306	FIROZPUR	MAMDOT	AQUA	30.78700	74.39900	14:25:55	D	16.00
307	FIROZPUR	MAMDOT	AQUA	30.79000	74.31400	14:25:55	D	30.20
308	FIROZPUR	MAMDOT	S-NPP	30.74669	74.38917	13:54:11	D	9.00
309	FIROZPUR	MAMDOT	S-NPP	30.75811	74.39147	13:54:11	D	3.00
310	FIROZPUR	MAMDOT	S-NPP	30.77494	74.47186	13:54:11	D	16.60
311	FIROZPUR	MAMDOT	S-NPP	30.78310	74.36424	13:54:11	D	5.90
312	FIROZPUR	MAMDOT	S-NPP	30.78367	74.40537	13:54:11	D	3.00
313	FIROZPUR	MAMDOT	S-NPP	30.78639	74.35789	13:54:11	D	2.30
314	FIROZPUR	MAMDOT	S-NPP	30.78810	74.48183	13:54:11	D	14.40
315	FIROZPUR	MAMDOT	S-NPP	30.78838	74.34000	13:54:11	D	4.20
316	FIROZPUR	MAMDOT	S-NPP	30.78929	74.52944	13:54:11	D	9.00
317	FIROZPUR	MAMDOT	S-NPP	30.79335	74.49297	13:54:11	D	74.50
318	FIROZPUR	MAMDOT	S-NPP	30.79744	74.42107	13:54:11	D	7.30
319	FIROZPUR	MAMDOT	S-NPP	30.80529	74.45549	13:54:11	D	4.00
320	FIROZPUR	MAMDOT	S-NPP	30.80589	74.49711	13:54:11	D	4.30
321	FIROZPUR	MAMDOT	S-NPP	30.80599	74.42571	13:54:11	D	6.30
322	FIROZPUR	MAMDOT	S-NPP	30.81257	74.41293	13:54:11	D	5.20
323	FIROZPUR	MAMDOT	S-NPP	30.85483	74.53786	13:54:11	D	8.20
324	FIROZPUR	MAMDOT	S-NPP	30.91401	74.47298	13:54:11	D	5.20
325	FIROZPUR	ZIRA	AQUA	30.92200	74.85000	14:25:55	D	45.10
326	FIROZPUR	ZIRA	AQUA	30.92700	74.85500	14:25:55	D	25.70

327	FIROZPUR	ZIRA	AQUA	30.94000	75.03300	14:25:55	D	9.20
328	FIROZPUR	ZIRA	AQUA	30.96700	74.82600	14:25:55	D	19.60
329	FIROZPUR	ZIRA	AQUA	31.03300	74.92100	14:25:55	D	23.70
330	FIROZPUR	ZIRA	S-NPP	30.89905	74.89714	13:54:11	D	5.20
331	FIROZPUR	ZIRA	S-NPP	30.90552	75.03149	13:54:11	D	1.90
332	FIROZPUR	ZIRA	S-NPP	30.92695	74.89326	13:54:11	D	11.20
333	FIROZPUR	ZIRA	S-NPP	30.92981	74.84262	13:54:11	D	3.70
334	FIROZPUR	ZIRA	S-NPP	31.00457	74.88643	13:54:11	D	4.50
335	FIROZPUR	ZIRA	S-NPP	31.00677	74.86983	13:54:11	D	5.90
336	FIROZPUR	ZIRA	S-NPP	31.00680	74.86932	13:54:11	D	2.80
337	FIROZPUR	ZIRA	S-NPP	31.00685	74.90713	13:54:11	D	1.80
338	FIROZPUR	ZIRA	S-NPP	31.00772	74.87759	13:54:11	D	2.00
339	FIROZPUR	ZIRA	S-NPP	31.01040	74.86462	13:54:11	D	2.80
340	FIROZPUR	ZIRA	S-NPP	31.01150	75.02531	13:54:11	D	7.60
341	FIROZPUR	ZIRA	S-NPP	31.01467	75.01632	13:54:11	D	2.80
342	FIROZPUR	ZIRA	S-NPP	31.03421	75.01426	13:54:11	D	4.50
343	FIROZPUR	ZIRA	S-NPP	31.03826	74.89480	13:54:11	D	6.80
344	GURDASPUR	BATALA	S-NPP	31.71890	75.24622	13:54:11	D	1.80
345	GURDASPUR	BATALA	S-NPP	31.75101	75.22823	13:54:11	D	3.00
346	GURDASPUR	BATALA	S-NPP	31.75147	75.23268	13:54:11	D	3.00
347	GURDASPUR	BATALA	S-NPP	31.77237	75.14894	13:54:11	D	1.80
348	GURDASPUR	BATALA	S-NPP	31.89875	75.12416	13:54:11	D	14.80
349	GURDASPUR	DERA BABA NANAK	S-NPP	31.96079	75.11112	13:54:11	D	3.90
350	GURDASPUR	DERA BABA NANAK	S-NPP	31.97692	74.98438	13:54:11	D	1.90
351	GURDASPUR	DERA BABA NANAK	S-NPP	31.98239	74.95719	13:54:11	D	3.60
352	GURDASPUR	DERA BABA NANAK	S-NPP	31.98425	74.97455	13:54:11	D	2.90
353	GURDASPUR	DERA BABA NANAK	S-NPP	31.98527	75.01041	13:54:11	D	1.70
354	GURDASPUR	DERA BABA NANAK	S-NPP	32.00983	75.08715	13:54:11	D	9.00
355	GURDASPUR	DERA BABA NANAK	S-NPP	32.02769	74.97348	13:54:11	D	2.30
356	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.79568	75.11960	13:54:11	D	2.00
357	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.87562	75.07728	13:54:11	D	6.60
358	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.87977	75.07670	13:54:11	D	6.60
359	GURDASPUR	GURDASPUR	S-NPP	31.98231	75.48930	13:54:11	D	2.30



360	GURDASPUR	GURDASPUR	S-NPP	32.04592	75.30942	02:44:11	N	0.60
361	GURDASPUR	GURDASPUR	S-NPP	32.04641	75.31046	02:44:11	N	0.70
362	GURDASPUR	KAHNUWAN	S-NPP	31.91939	75.49628	13:54:11	D	2.70
363	GURDASPUR	KALANAUR	S-NPP	32.03369	75.15582	13:54:11	D	3.00
364	GURDASPUR	QADIAN	S-NPP	31.80512	75.33905	13:54:11	D	4.20
365	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.68723	75.31635	13:54:11	D	2.20
366	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.69961	75.39478	13:54:11	D	3.20
367	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.69994	75.39697	13:54:11	D	5.40
368	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70600	75.37317	13:54:11	D	3.90
369	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70626	75.37547	13:54:11	D	7.80
370	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70648	75.37769	13:54:11	D	7.20
371	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.71164	75.43006	13:54:11	D	4.40
372	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.71172	75.42761	13:54:11	D	2.70
373	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72856	75.42772	13:54:11	D	2.80
374	HOSHIARPUR	GARH SHANKAR	S-NPP	31.15890	76.18309	13:54:11	D	4.80
375	HOSHIARPUR	TANDA	AQUA	31.69900	75.54600	14:25:55	D	16.90
376	HOSHIARPUR	TANDA	S-NPP	31.72659	75.57031	13:54:11	D	3.90
377	HOSHIARPUR	TANDA	S-NPP	31.72756	75.57961	13:54:11	D	2.30
378	JALANDHAR	JALANDHAR EAST	S-NPP	31.34738	75.70671	13:54:11	D	3.30
379	JALANDHAR	JALANDHAR WEST	S-NPP	31.48284	75.48433	13:54:11	D	2.30
380	JALANDHAR	LOHIAN	AQUA	31.10100	75.25500	14:25:55	D	16.90
381	JALANDHAR	LOHIAN	S-NPP	31.04615	75.21183	13:54:11	D	2.90
382	JALANDHAR	LOHIAN	S-NPP	31.09444	75.23151	13:54:11	D	3.70
383	JALANDHAR	LOHIAN	S-NPP	31.10351	75.31884	13:54:11	D	7.20
384	JALANDHAR	LOHIAN	S-NPP	31.10396	75.32323	13:54:11	D	7.20
385	JALANDHAR	LOHIAN	S-NPP	31.10814	75.32266	13:54:11	D	7.20
386	JALANDHAR	LOHIAN	S-NPP	31.16205	75.22285	13:54:11	D	6.80
387	JALANDHAR	LOHIAN	S-NPP	31.16620	75.22227	13:54:11	D	4.40
388	JALANDHAR	MEHATPUR	S-NPP	30.98031	75.49187	13:54:11	D	4.00
389	JALANDHAR	MEHATPUR	S-NPP	30.99656	75.52604	13:54:11	D	2.90
390	JALANDHAR	MEHATPUR	S-NPP	30.99805	75.49855	13:54:11	D	4.80
391	JALANDHAR	MEHATPUR	S-NPP	31.02101	75.47274	13:54:11	D	7.80
392	JALANDHAR	MEHATPUR	S-NPP	31.10741	75.43943	13:54:11	D	2.50

393	JALANDHAR	NAKODAR	S-NPP	31.11665	75.48812	13:54:11	D	4.20
394	JALANDHAR	NAKODAR	S-NPP	31.17634	75.44920	13:54:11	D	9.80
395	JALANDHAR	NAKODAR	S-NPP	31.17655	75.44822	13:54:11	D	9.20
396	JALANDHAR	NUR MAHAL	S-NPP	31.04106	75.54282	13:54:11	D	4.90
397	JALANDHAR	NUR MAHAL	S-NPP	31.06739	75.63123	13:54:11	D	3.70
398	JALANDHAR	NUR MAHAL	S-NPP	31.11390	75.63098	13:54:11	D	2.40
399	JALANDHAR	PHILLAUR	S-NPP	31.01725	75.82054	13:54:11	D	8.10
400	JALANDHAR	PHILLAUR	S-NPP	31.08354	75.74562	13:54:11	D	4.80
401	JALANDHAR	PHILLAUR	S-NPP	31.09504	75.85775	13:54:11	D	2.60
402	JALANDHAR	PHILLAUR	S-NPP	31.11397	75.85211	13:54:11	D	3.90
403	JALANDHAR	PHILLAUR	S-NPP	31.15891	75.86530	13:54:11	D	2.70
404	JALANDHAR	RURKA KALAN	S-NPP	31.14723	75.74809	13:54:11	D	4.00
405	JALANDHAR	SHAHKOT	S-NPP	31.01325	75.35696	13:54:11	D	4.90
406	JALANDHAR	SHAHKOT	S-NPP	31.03413	75.31406	13:54:11	D	1.60
407	JALANDHAR	SHAHKOT	S-NPP	31.12801	75.39150	13:54:11	D	5.60
408	KAPURTHALA	DHILWAN	AQUA	31.42500	75.29400	14:25:55	D	19.00
409	KAPURTHALA	DHILWAN	AQUA	31.47300	75.34000	14:25:55	D	17.40
410	KAPURTHALA	DHILWAN	S-NPP	31.37013	75.22273	13:54:11	D	4.00
411	KAPURTHALA	DHILWAN	S-NPP	31.37103	75.22340	13:54:11	D	2.90
412	KAPURTHALA	DHILWAN	S-NPP	31.38263	75.21290	13:54:11	D	6.70
413	KAPURTHALA	DHILWAN	S-NPP	31.41910	75.23901	13:54:11	D	3.20
414	KAPURTHALA	DHILWAN	S-NPP	31.42327	75.23843	13:54:11	D	5.30
415	KAPURTHALA	DHILWAN	S-NPP	31.47526	75.33010	13:54:11	D	13.20
416	KAPURTHALA	DHILWAN	S-NPP	31.47573	75.33456	13:54:11	D	14.90
417	KAPURTHALA	DHILWAN	S-NPP	31.49984	75.40069	13:54:11	D	2.60
418	KAPURTHALA	KAPURTHALA	AQUA	31.29300	75.35600	14:25:55	D	13.40
419	KAPURTHALA	KAPURTHALA	AQUA	31.41900	75.28700	14:25:55	D	15.20
420	KAPURTHALA	KAPURTHALA	S-NPP	31.31916	75.30115	13:54:11	D	7.80
421	KAPURTHALA	NADALA	AQUA	31.58900	75.48300	14:25:55	D	11.70
422	KAPURTHALA	NADALA	AQUA	31.62300	75.53400	14:25:55	D	14.90
423	KAPURTHALA	NADALA	S-NPP	31.56343	75.47939	13:54:11	D	7.20
424	KAPURTHALA	NADALA	S-NPP	31.56583	75.41914	13:54:11	D	4.00
425	KAPURTHALA	NADALA	S-NPP	31.56622	75.50681	13:54:11	D	6.70

426	KAPURTHALA	NADALA	S-NPP	31.56669	75.51138	13:54:11	D	6.70
427	KAPURTHALA	NADALA	S-NPP	31.57942	75.50967	13:54:11	D	4.00
428	KAPURTHALA	NADALA	S-NPP	31.58271	75.41685	13:54:11	D	3.40
429	KAPURTHALA	NADALA	S-NPP	31.60466	75.42849	13:54:11	D	5.00
430	KAPURTHALA	NADALA	S-NPP	31.60525	75.42758	13:54:11	D	5.30
431	KAPURTHALA	NADALA	S-NPP	31.61924	75.53318	13:54:11	D	8.20
432	KAPURTHALA	NADALA	S-NPP	31.63670	75.53548	13:54:11	D	5.30
433	KAPURTHALA	SULTANPUR LODHI	AQUA	31.24100	75.32300	14:25:55	D	14.40
434	KAPURTHALA	SULTANPUR LODHI	AQUA	31.26000	75.26100	14:25:55	D	15.80
435	KAPURTHALA	SULTANPUR LODHI	AQUA	31.34400	75.20500	14:25:55	D	12.80
436	KAPURTHALA	SULTANPUR LODHI	AQUA	31.34600	75.22400	14:25:55	D	12.00
437	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.23537	75.31935	13:54:11	D	4.10
438	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.27503	75.20048	13:54:11	D	4.50
439	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.30915	75.20457	13:54:11	D	3.90
440	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.32442	75.14952	13:54:11	D	2.20
441	LUDHIANA	JAGRAON	AQUA	30.79800	75.49700	14:25:55	D	13.60
442	LUDHIANA	JAGRAON	S-NPP	30.60455	75.44835	13:54:11	D	4.10
443	LUDHIANA	JAGRAON	S-NPP	30.60872	75.44778	13:54:11	D	5.80
444	LUDHIANA	JAGRAON	S-NPP	30.61708	75.44665	13:54:11	D	3.20
445	LUDHIANA	JAGRAON	S-NPP	30.68727	75.46052	13:54:11	D	6.90
446	LUDHIANA	JAGRAON	S-NPP	30.70079	75.42748	13:54:11	D	6.50
447	LUDHIANA	JAGRAON	S-NPP	30.70312	75.40939	13:54:11	D	6.00
448	LUDHIANA	JAGRAON	S-NPP	30.70451	75.42253	13:54:11	D	7.80
449	LUDHIANA	JAGRAON	S-NPP	30.70723	75.48911	13:54:11	D	7.30
450	LUDHIANA	JAGRAON	S-NPP	30.70730	75.40881	13:54:11	D	6.00
451	LUDHIANA	JAGRAON	S-NPP	30.70868	75.42195	13:54:11	D	7.80
452	LUDHIANA	JAGRAON	S-NPP	30.71518	75.40330	13:54:11	D	9.20
453	LUDHIANA	JAGRAON	S-NPP	30.73330	75.45425	13:54:11	D	3.60
454	LUDHIANA	JAGRAON	S-NPP	30.73377	75.45865	13:54:11	D	3.60
455	LUDHIANA	JAGRAON	S-NPP	30.73520	75.55288	13:54:11	D	3.80
456	LUDHIANA	JAGRAON	S-NPP	30.73705	75.48956	13:54:11	D	4.70
457	LUDHIANA	JAGRAON	S-NPP	30.74950	75.40750	13:54:11	D	11.90
458	LUDHIANA	JAGRAON	S-NPP	30.74977	75.40476	13:54:11	D	5.40

459	LUDHIANA	JAGRAON	S-NPP	30.79900	75.59620	13:54:11	D	2.80
460	LUDHIANA	JAGRAON	S-NPP	30.80432	75.52281	13:54:11	D	4.00
461	LUDHIANA	JAGRAON	S-NPP	30.80898	75.52670	13:54:11	D	4.20
462	LUDHIANA	LUDHIANA-1	S-NPP	30.83167	75.74860	13:54:11	D	3.50
463	LUDHIANA	LUDHIANA-2	S-NPP	30.98947	75.82317	13:54:11	D	4.80
464	LUDHIANA	MACHHIWARA	AQUA	30.93800	76.15100	14:25:55	D	18.40
465	LUDHIANA	MACHHIWARA	S-NPP	30.86793	76.11127	13:54:11	D	5.30
466	LUDHIANA	MACHHIWARA	S-NPP	30.86888	76.12095	13:54:11	D	3.40
467	LUDHIANA	MACHHIWARA	S-NPP	30.88437	76.14348	13:54:11	D	3.50
468	LUDHIANA	MACHHIWARA	S-NPP	30.94995	76.17666	13:54:11	D	2.70
469	LUDHIANA	MACHHIWARA	S-NPP	30.96688	76.21419	13:54:11	D	20.90
470	LUDHIANA	MALOD	S-NPP	30.68187	75.90050	13:54:11	D	7.00
471	LUDHIANA	MALOD	S-NPP	30.68428	75.90189	13:54:11	D	2.50
472	LUDHIANA	PAKHOWAL	S-NPP	30.72897	75.74144	13:54:11	D	6.20
473	LUDHIANA	PAKHOWAL	S-NPP	30.73037	75.75518	13:54:11	D	8.20
474	LUDHIANA	PAKHOWAL	S-NPP	30.79060	75.79380	13:54:11	D	5.40
475	LUDHIANA	PAKHOWAL	S-NPP	30.79311	75.79575	13:54:11	D	4.50
476	LUDHIANA	PAKHOWAL	S-NPP	30.80884	75.77962	13:54:11	D	12.10
477	LUDHIANA	RAIKOT	S-NPP	30.58101	75.59052	13:54:11	D	15.30
478	LUDHIANA	RAIKOT	S-NPP	30.59333	75.50336	13:54:11	D	3.30
479	LUDHIANA	RAIKOT	S-NPP	30.60822	75.52377	13:54:11	D	3.30
480	LUDHIANA	RAIKOT	S-NPP	30.62079	75.56254	13:54:11	D	3.70
481	LUDHIANA	RAIKOT	S-NPP	30.68050	75.68794	13:54:11	D	4.10
482	LUDHIANA	SIDHWAN BET	AQUA	30.86600	75.40300	14:25:55	D	26.70
483	LUDHIANA	SIDHWAN BET	AQUA	30.87400	75.41500	14:25:55	D	12.50
484	LUDHIANA	SIDHWAN BET	AQUA	30.92000	75.38900	14:25:55	D	17.00
485	LUDHIANA	SIDHWAN BET	S-NPP	30.87448	75.58277	13:54:11	D	19.00
486	LUDHIANA	SIDHWAN BET	S-NPP	30.87457	75.58146	13:54:11	D	10.00
487	LUDHIANA	SIDHWAN BET	S-NPP	30.87505	75.58596	13:54:11	D	10.00
488	LUDHIANA	SIDHWAN BET	S-NPP	30.87557	75.42432	13:54:11	D	2.20
489	LUDHIANA	SIDHWAN BET	S-NPP	30.90205	75.43414	13:54:11	D	3.70
490	LUDHIANA	SIDHWAN BET	S-NPP	30.92412	75.64960	13:54:11	D	5.20
491	LUDHIANA	SIDHWAN BET	S-NPP	30.92837	75.64902	13:54:11	D	5.20

492	LUDHIANA	SIDHWAN BET	S-NPP	30.98570	75.41895	13:54:11	D	3.80
493	LUDHIANA	SUDHAR	S-NPP	30.78087	75.67200	13:54:11	D	5.00
494	MANSA	BHIKHI	S-NPP	30.00713	75.48144	13:54:11	D	6.50
495	MANSA	BHIKHI	S-NPP	30.00961	75.48035	13:54:11	D	14.70
496	MANSA	BHIKHI	S-NPP	30.02838	75.60626	13:54:11	D	4.00
497	MANSA	BHIKHI	S-NPP	30.10096	75.60972	13:54:11	D	13.70
498	MANSA	BHIKHI	S-NPP	30.10421	75.60036	13:54:11	D	14.20
499	MANSA	BHIKHI	S-NPP	30.10562	75.61352	13:54:11	D	6.00
500	MANSA	BHIKHI	S-NPP	30.10840	75.59981	13:54:11	D	43.70
501	MANSA	BHIKHI	S-NPP	30.14861	75.49323	13:54:11	D	3.80
502	MANSA	BHIKHI	S-NPP	30.14975	75.38395	13:54:11	D	2.70
503	MANSA	BHIKHI	S-NPP	30.15389	75.38338	13:54:11	D	2.70
504	MANSA	BUDHLADA	AQUA	29.81800	75.59300	14:25:55	D	19.20
505	MANSA	BUDHLADA	AQUA	29.82500	75.58500	14:25:55	D	14.90
506	MANSA	BUDHLADA	AQUA	29.85200	75.74000	14:25:55	D	15.50
507	MANSA	BUDHLADA	AQUA	29.88300	75.55800	14:25:55	D	24.60
508	MANSA	BUDHLADA	AQUA	29.91000	75.71300	14:25:55	D	11.70
509	MANSA	BUDHLADA	S-NPP	29.78665	75.66656	13:54:11	D	6.50
510	MANSA	BUDHLADA	S-NPP	29.78990	75.65726	13:54:11	D	5.20
511	MANSA	BUDHLADA	S-NPP	29.79408	75.65670	13:54:11	D	1.90
512	MANSA	BUDHLADA	S-NPP	29.80562	75.60658	13:54:11	D	2.60
513	MANSA	BUDHLADA	S-NPP	29.81032	75.55972	13:54:11	D	12.60
514	MANSA	BUDHLADA	S-NPP	29.81929	75.69324	13:54:11	D	2.70
515	MANSA	BUDHLADA	S-NPP	29.81954	75.69096	13:54:11	D	5.10
516	MANSA	BUDHLADA	S-NPP	29.82447	75.45336	13:54:11	D	3.70
517	MANSA	BUDHLADA	S-NPP	29.82914	75.74332	13:54:11	D	12.00
518	MANSA	BUDHLADA	S-NPP	29.83200	75.72948	13:54:11	D	13.70
519	MANSA	BUDHLADA	S-NPP	29.83245	75.73389	13:54:11	D	13.70
520	MANSA	BUDHLADA	S-NPP	29.83304	75.69804	13:54:11	D	57.40
521	MANSA	BUDHLADA	S-NPP	29.83498	75.67552	13:54:11	D	7.20
522	MANSA	BUDHLADA	S-NPP	29.83516	75.76047	13:54:11	D	4.40
523	MANSA	BUDHLADA	S-NPP	29.83542	75.67989	13:54:11	D	7.20
524	MANSA	BUDHLADA	S-NPP	29.83610	75.60450	13:54:11	D	2.40

525	MANSA	BUDHLADA	S-NPP	29.84051	75.48580	13:54:11	D	7.50
526	MANSA	BUDHLADA	S-NPP	29.84656	75.42442	13:54:11	D	3.80
527	MANSA	BUDHLADA	S-NPP	29.84855	75.64258	13:54:11	D	2.80
528	MANSA	BUDHLADA	S-NPP	29.84966	75.53240	13:54:11	D	2.90
529	MANSA	BUDHLADA	S-NPP	29.85115	75.42809	13:54:11	D	6.50
530	MANSA	BUDHLADA	S-NPP	29.85346	75.37194	13:54:11	D	4.30
531	MANSA	BUDHLADA	S-NPP	29.87040	75.37388	13:54:11	D	21.50
532	MANSA	BUDHLADA	S-NPP	29.87276	75.59070	13:54:11	D	2.70
533	MANSA	BUDHLADA	S-NPP	29.88996	75.71268	13:54:11	D	8.40
534	MANSA	BUDHLADA	S-NPP	29.89171	75.53103	13:54:11	D	4.00
535	MANSA	BUDHLADA	S-NPP	29.89218	75.53534	13:54:11	D	7.10
536	MANSA	BUDHLADA	S-NPP	29.89921	75.60031	13:54:11	D	1.80
537	MANSA	BUDHLADA	S-NPP	29.90668	75.63028	13:54:11	D	3.20
538	MANSA	BUDHLADA	S-NPP	29.91560	75.67350	13:54:11	D	2.10
539	MANSA	BUDHLADA	S-NPP	29.92479	75.72205	13:54:11	D	3.50
540	MANSA	BUDHLADA	S-NPP	29.93395	75.64483	13:54:11	D	4.10
541	MANSA	BUDHLADA	S-NPP	29.93781	75.59995	13:54:11	D	2.70
542	MANSA	BUDHLADA	S-NPP	29.94390	75.57706	13:54:11	D	2.40
543	MANSA	BUDHLADA	S-NPP	29.95745	75.50495	13:54:11	D	2.60
544	MANSA	BUDHLADA	S-NPP	29.98051	75.64293	13:54:11	D	18.30
545	MANSA	BUDHLADA	S-NPP	29.99541	75.62314	13:54:11	D	2.80
546	MANSA	BUDHLADA	S-NPP	30.01872	75.64225	13:54:11	D	2.70
547	MANSA	BUDHLADA	S-NPP	30.01938	75.64308	13:54:11	D	1.90
548	MANSA	JHUNIR	S-NPP	29.78816	75.34688	13:54:11	D	1.90
549	MANSA	JHUNIR	S-NPP	29.82283	75.35909	13:54:11	D	8.40
550	MANSA	JHUNIR	S-NPP	29.86901	75.36124	13:54:11	D	3.90
551	MANSA	MANSA	AQUA	29.94500	75.40900	14:25:55	D	12.20
552	MANSA	MANSA	S-NPP	29.91703	75.44090	13:54:11	D	3.20
553	MANSA	MANSA	S-NPP	29.92968	75.32314	13:54:11	D	9.80
554	MANSA	MANSA	S-NPP	29.94051	75.42469	13:54:11	D	6.40
555	MANSA	MANSA	S-NPP	29.94565	75.35511	13:54:11	D	2.90
556	MANSA	MANSA	S-NPP	29.95706	75.42241	13:54:11	D	8.80
557	MANSA	MANSA	S-NPP	29.95937	75.28919	13:54:11	D	3.50

558	MANSA	MANSA	S-NPP	29.99100	75.28535	13:54:11	D	6.70
559	MANSA	MANSA	S-NPP	30.00260	75.35644	13:54:11	D	8.00
560	MANSA	MANSA	S-NPP	30.02098	75.33241	13:54:11	D	5.00
561	MANSA	MANSA	S-NPP	30.02241	75.46624	13:54:11	D	4.10
562	MANSA	MANSA	S-NPP	30.02689	75.34875	13:54:11	D	2.30
563	MANSA	MANSA	S-NPP	30.03161	75.47369	13:54:11	D	3.30
564	MANSA	MANSA	S-NPP	30.07133	75.37273	13:54:11	D	11.60
565	MANSA	SARDULGARH	S-NPP	29.65413	75.31277	13:54:11	D	5.00
566	MANSA	SARDULGARH	S-NPP	29.66592	75.20234	13:54:11	D	2.30
567	MANSA	SARDULGARH	S-NPP	29.70508	75.29739	13:54:11	D	4.00
568	MANSA	SARDULGARH	S-NPP	29.76700	75.33105	13:54:11	D	8.00
569	MANSA	SARDULGARH	S-NPP	29.76884	75.34779	13:54:11	D	4.20
570	MANSA	SARDULGARH	S-NPP	29.78811	75.22857	13:54:11	D	5.60
571	MANSA	SARDULGARH	S-NPP	29.78830	75.30863	13:54:11	D	2.80
572	MANSA	SARDULGARH	S-NPP	29.79695	75.31168	13:54:11	D	29.30
573	MANSA	SARDULGARH	S-NPP	29.82301	75.24467	13:54:11	D	13.80
574	MOGA	BAGHA PURANA	S-NPP	30.54679	75.02431	13:54:11	D	2.10
575	MOGA	BAGHA PURANA	S-NPP	30.66014	75.20087	13:54:11	D	6.30
576	MOGA	BAGHA PURANA	S-NPP	30.67220	74.96523	13:54:11	D	3.50
577	MOGA	BAGHA PURANA	S-NPP	30.73556	75.02494	13:54:11	D	2.00
578	MOGA	BAGHA PURANA	S-NPP	30.78543	74.95045	13:54:11	D	2.80
579	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.87313	75.31795	13:54:11	D	2.00
580	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.89022	75.32001	13:54:11	D	3.90
581	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.91151	75.28181	13:54:11	D	5.40
582	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.94389	75.34811	13:54:11	D	1.80
583	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.94946	75.36068	13:54:11	D	1.90
584	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.95017	75.36117	13:54:11	D	3.30
585	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.95470	75.28075	13:54:11	D	6.70
586	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.02534	75.27101	13:54:11	D	9.60
587	MOGA	MOGA-1	AQUA	30.80700	75.29300	14:25:55	D	22.70
588	MOGA	MOGA-1	S-NPP	30.69768	75.19995	13:54:11	D	6.30
589	MOGA	MOGA-1	S-NPP	30.70362	75.17757	13:54:11	D	5.90
590	MOGA	MOGA-1	S-NPP	30.70824	75.25922	13:54:11	D	5.00

591	MOGA	MOGA-1	S-NPP	30.73183	75.36119	13:54:11	D	1.10
592	MOGA	MOGA-1	S-NPP	30.73563	75.14442	13:54:11	D	1.60
593	MOGA	MOGA-1	S-NPP	30.74448	75.22964	13:54:11	D	2.90
594	MOGA	MOGA-1	S-NPP	30.74537	75.23823	13:54:11	D	6.20
595	MOGA	MOGA-1	S-NPP	30.75055	75.32941	13:54:11	D	3.70
596	MOGA	MOGA-1	S-NPP	30.82631	75.36760	13:54:11	D	5.30
597	MOGA	MOGA-1	S-NPP	30.84303	75.22993	13:54:11	D	3.40
598	MOGA	MOGA-2	S-NPP	30.75225	75.06506	13:54:11	D	2.90
599	MOGA	MOGA-2	S-NPP	30.77592	75.01501	13:54:11	D	3.10
600	MOGA	MOGA-2	S-NPP	30.80587	75.02351	13:54:11	D	2.50
601	MOGA	MOGA-2	S-NPP	30.80925	75.02375	13:54:11	D	5.00
602	MOGA	MOGA-2	S-NPP	30.80996	75.02296	13:54:11	D	3.10
603	MOGA	MOGA-2	S-NPP	30.82178	75.06455	13:54:11	D	4.50
604	MOGA	MOGA-2	S-NPP	30.84271	75.06589	13:54:11	D	2.30
605	MOGA	NIHAL SINGH	AQUA	30.56200	75.32300	14:25:55	D	17.90
606	MOGA	NIHAL SINGH	S-NPP	30.52538	75.21448	13:54:11	D	2.00
607	MOGA	NIHAL SINGH	S-NPP	30.53805	75.25584	13:54:11	D	7.20
608	MOGA	NIHAL SINGH	S-NPP	30.57470	75.28547	13:54:11	D	3.10
609	MOGA	NIHAL SINGH	S-NPP	30.58151	75.35001	13:54:11	D	20.10
610	MOGA	NIHAL SINGH	S-NPP	30.58288	75.36298	13:54:11	D	4.00
611	MOGA	NIHAL SINGH	S-NPP	30.59214	75.33102	13:54:11	D	4.50
612	MOGA	NIHAL SINGH	S-NPP	30.59766	75.34340	13:54:11	D	6.30
613	MOGA	NIHAL SINGH	S-NPP	30.61600	75.24068	13:54:11	D	4.20
614	MOGA	NIHAL SINGH	S-NPP	30.62447	75.30138	13:54:11	D	6.20
615	MOGA	NIHAL SINGH	S-NPP	30.62666	75.30006	13:54:11	D	8.00
616	MOGA	NIHAL SINGH	S-NPP	30.63541	75.32610	13:54:11	D	5.70
617	MOGA	NIHAL SINGH	S-NPP	30.63762	75.34774	13:54:11	D	1.30
618	MOGA	NIHAL SINGH	S-NPP	30.64415	75.32928	13:54:11	D	3.30
619	MOGA	NIHAL SINGH	S-NPP	30.67567	75.22897	13:54:11	D	4.90
620	MOGA	NIHAL SINGH	S-NPP	30.68756	75.26208	13:54:11	D	3.00
621	MOGA	NIHAL SINGH	S-NPP	30.70779	75.29418	13:54:11	D	5.10
622	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.20390	74.56602	13:54:11	D	29.60
623	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.35331	74.60014	13:54:11	D	10.20



624	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.44733	74.71842	13:54:11	D	6.40
625	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.44886	74.72215	13:54:11	D	6.00
626	MUKTSAR	MALOUT	AQUA	30.30600	74.48600	14:25:55	D	30.60
627	MUKTSAR	MALOUT	AQUA	30.31900	74.50100	14:25:55	D	11.70
628	MUKTSAR	MUKTSAR	AQUA	30.42100	74.37400	14:25:55	D	17.30
629	MUKTSAR	MUKTSAR	AQUA	30.53300	74.57900	14:25:55	D	10.70
630	MUKTSAR	MUKTSAR	S-NPP	30.61553	74.59973	13:54:11	D	5.00
631	PATIALA	BHUNARHERI	AQUA	30.22300	76.40000	14:25:55	D	15.40
632	PATIALA	BHUNARHERI	S-NPP	30.18037	76.64838	13:54:11	D	3.10
633	PATIALA	BHUNARHERI	S-NPP	30.20310	76.51357	13:54:11	D	4.90
634	PATIALA	BHUNARHERI	S-NPP	30.21159	76.59853	13:54:11	D	4.30
635	PATIALA	BHUNARHERI	S-NPP	30.22479	76.42744	13:54:11	D	5.10
636	PATIALA	BHUNARHERI	S-NPP	30.27358	76.60790	13:54:11	D	7.30
637	PATIALA	BHUNARHERI	S-NPP	30.27511	76.57711	13:54:11	D	2.80
638	PATIALA	BHUNARHERI	S-NPP	30.27804	76.60735	13:54:11	D	7.30
639	PATIALA	GHANAUR	AQUA	30.34900	76.50900	14:25:55	D	39.40
640	PATIALA	GHANAUR	AQUA	30.35100	76.51400	14:25:55	D	52.70
641	PATIALA	GHANAUR	AQUA	30.35100	76.53200	14:25:55	D	19.10
642	PATIALA	GHANAUR	S-NPP	30.32528	76.55284	13:54:11	D	1.40
643	PATIALA	GHANAUR	S-NPP	30.33200	76.55982	13:54:11	D	7.10
644	PATIALA	GHANAUR	S-NPP	30.33466	76.55674	13:54:11	D	6.70
645	PATIALA	GHANAUR	S-NPP	30.35499	76.53381	13:54:11	D	3.30
646	PATIALA	GHANAUR	S-NPP	30.40135	76.68708	13:54:11	D	5.40
647	PATIALA	NABHA	S-NPP	30.35228	76.10029	13:54:11	D	8.60
648	PATIALA	NABHA	S-NPP	30.35563	76.00462	13:54:11	D	2.50
649	PATIALA	NABHA	S-NPP	30.38660	76.22144	13:54:11	D	4.20
650	PATIALA	NABHA	S-NPP	30.38712	76.27026	13:54:11	D	11.90
651	PATIALA	NABHA	S-NPP	30.42429	76.06464	13:54:11	D	4.80
652	PATIALA	NABHA	S-NPP	30.43037	76.30684	13:54:11	D	8.70
653	PATIALA	NABHA	S-NPP	30.45192	76.25479	13:54:11	D	6.70
654	PATIALA	NABHA	S-NPP	30.45239	76.25964	13:54:11	D	6.70
655	PATIALA	NABHA	S-NPP	30.50527	76.16980	13:54:11	D	8.80
656	PATIALA	NABHA	S-NPP	30.50628	76.17146	13:54:11	D	7.20

657	PATIALA	PATIALA	S-NPP	30.24044	76.18031	13:54:11	D	4.50
658	PATIALA	PATIALA	S-NPP	30.31852	76.29384	13:54:11	D	2.60
659	PATIALA	PATIALA	S-NPP	30.32929	76.26792	13:54:11	D	2.50
660	PATIALA	PATIALA	S-NPP	30.40630	76.41645	13:54:11	D	5.90
661	PATIALA	PATRAN	AQUA	29.96900	76.02800	14:25:55	D	14.70
662	PATIALA	PATRAN	S-NPP	29.91573	76.17068	13:54:11	D	3.80
663	PATIALA	PATRAN	S-NPP	29.95417	76.16091	13:54:11	D	4.60
664	PATIALA	PATRAN	S-NPP	29.96284	76.10395	13:54:11	D	4.10
665	PATIALA	PATRAN	S-NPP	29.96558	76.10257	13:54:11	D	2.90
666	PATIALA	PATRAN	S-NPP	29.98834	76.05345	13:54:11	D	1.80
667	PATIALA	PATRAN	S-NPP	29.99394	76.10930	13:54:11	D	10.00
668	PATIALA	PATRAN	S-NPP	29.99440	76.11397	13:54:11	D	17.00
669	PATIALA	PATRAN	S-NPP	30.03993	76.04667	13:54:11	D	8.20
670	PATIALA	PATRAN	S-NPP	30.04859	76.13062	13:54:11	D	2.60
671	PATIALA	RAJPURA	S-NPP	30.58908	76.66426	13:54:11	D	12.30
672	PATIALA	RAJPURA	S-NPP	30.59358	76.66369	13:54:11	D	12.30
673	PATIALA	SAMANA	S-NPP	30.06678	76.09505	13:54:11	D	1.60
674	PATIALA	SAMANA	S-NPP	30.18449	76.05858	13:54:11	D	2.10
675	PATIALA	SAMANA	S-NPP	30.19497	76.07619	13:54:11	D	11.90
676	PATIALA	SAMANA	S-NPP	30.19544	76.08089	13:54:11	D	38.50
677	PATIALA	SAMANA	S-NPP	30.20208	76.10381	13:54:11	D	5.70
678	PATIALA	SAMANA	S-NPP	30.20640	76.10325	13:54:11	D	4.90
679	PATIALA	SANAUR	AQUA	30.17400	76.29400	14:25:55	D	15.50
680	PATIALA	SANAUR	S-NPP	30.15412	76.33598	13:54:11	D	6.60
681	PATIALA	SANAUR	S-NPP	30.18183	76.30302	13:54:11	D	3.00
682	PATIALA	SANAUR	S-NPP	30.20202	76.37576	13:54:11	D	7.90
683	PATIALA	SANAUR	S-NPP	30.20241	76.37413	13:54:11	D	6.10
684	PATIALA	SANAUR	S-NPP	30.21162	76.29092	13:54:11	D	2.20
685	PATIALA	SANAUR	S-NPP	30.22272	76.31398	13:54:11	D	4.50
686	PATIALA	SANAUR	S-NPP	30.26408	76.32832	13:54:11	D	10.40
687	PATIALA	SHAMBU KALAN	S-NPP	30.45868	76.50861	13:54:11	D	7.00
688	SANGRUR	ANDANA	AQUA	29.78400	76.00100	14:25:55	D	21.00
689	SANGRUR	ANDANA	S-NPP	29.73859	75.98965	13:54:11	D	4.70

690	SANGRUR	ANDANA	S-NPP	29.74022	75.98857	13:54:11	D	3.70
691	SANGRUR	ANDANA	S-NPP	29.74121	75.92950	13:54:11	D	5.70
692	SANGRUR	ANDANA	S-NPP	29.74545	75.92893	13:54:11	D	3.80
693	SANGRUR	ANDANA	S-NPP	29.76132	76.00049	13:54:11	D	3.90
694	SANGRUR	ANDANA	S-NPP	29.78354	76.04866	13:54:11	D	3.10
695	SANGRUR	ANDANA	S-NPP	29.81020	76.05447	13:54:11	D	5.30
696	SANGRUR	ANDANA	S-NPP	29.81067	76.05908	13:54:11	D	6.50
697	SANGRUR	ANDANA	S-NPP	29.81163	75.94312	13:54:11	D	4.10
698	SANGRUR	ANDANA	S-NPP	29.82776	75.97324	13:54:11	D	5.70
699	SANGRUR	ANDANA	S-NPP	29.86877	76.00751	13:54:11	D	4.50
700	SANGRUR	ANDANA	S-NPP	29.89685	75.98518	13:54:11	D	6.40
701	SANGRUR	BHAWANIGARH	AQUA	30.28000	76.16300	14:25:55	D	19.90
702	SANGRUR	BHAWANIGARH	S-NPP	30.15838	76.03247	13:54:11	D	3.50
703	SANGRUR	BHAWANIGARH	S-NPP	30.16315	76.01888	13:54:11	D	4.70
704	SANGRUR	BHAWANIGARH	S-NPP	30.17038	76.00379	13:54:11	D	5.50
705	SANGRUR	BHAWANIGARH	S-NPP	30.17083	76.00843	13:54:11	D	4.90
706	SANGRUR	BHAWANIGARH	S-NPP	30.17265	76.00238	13:54:11	D	12.40
707	SANGRUR	BHAWANIGARH	S-NPP	30.17467	76.00323	13:54:11	D	5.50
708	SANGRUR	BHAWANIGARH	S-NPP	30.17972	75.92307	13:54:11	D	6.50
709	SANGRUR	BHAWANIGARH	S-NPP	30.19324	76.01488	13:54:11	D	4.80
710	SANGRUR	BHAWANIGARH	S-NPP	30.19696	76.05220	13:54:11	D	6.10
711	SANGRUR	BHAWANIGARH	S-NPP	30.20127	76.05164	13:54:11	D	3.90
712	SANGRUR	BHAWANIGARH	S-NPP	30.24095	76.14174	13:54:11	D	6.90
713	SANGRUR	BHAWANIGARH	S-NPP	30.24530	75.97044	13:54:11	D	4.50
714	SANGRUR	BHAWANIGARH	S-NPP	30.24580	76.06002	13:54:11	D	11.70
715	SANGRUR	BHAWANIGARH	S-NPP	30.26553	76.16740	13:54:11	D	4.60
716	SANGRUR	BHAWANIGARH	S-NPP	30.26779	76.01926	13:54:11	D	3.90
717	SANGRUR	BHAWANIGARH	S-NPP	30.27000	76.02061	13:54:11	D	4.60
718	SANGRUR	BHAWANIGARH	S-NPP	30.28339	76.16991	13:54:11	D	11.20
719	SANGRUR	BHAWANIGARH	S-NPP	30.28418	76.16685	13:54:11	D	6.70
720	SANGRUR	BHAWANIGARH	S-NPP	30.28464	76.17161	13:54:11	D	6.70
721	SANGRUR	BHAWANIGARH	S-NPP	30.30060	76.02131	13:54:11	D	13.90
722	SANGRUR	BHAWANIGARH	S-NPP	30.30491	76.02074	13:54:11	D	9.60

723	SANGRUR	BHAWANIGARH	S-NPP	30.31331	76.10534	13:54:11	D	5.90
724	SANGRUR	BHAWANIGARH	S-NPP	30.31764	76.10477	13:54:11	D	5.90
725	SANGRUR	DHURI	S-NPP	30.29553	75.75682	13:54:11	D	13.30
726	SANGRUR	DHURI	S-NPP	30.30215	75.73766	13:54:11	D	9.60
727	SANGRUR	DHURI	S-NPP	30.32226	75.93370	13:54:11	D	9.10
728	SANGRUR	DHURI	S-NPP	30.32273	75.93832	13:54:11	D	9.10
729	SANGRUR	DHURI	S-NPP	30.32607	75.92851	13:54:11	D	5.60
730	SANGRUR	DHURI	S-NPP	30.36431	75.76798	13:54:11	D	3.20
731	SANGRUR	DHURI	S-NPP	30.38528	75.97945	13:54:11	D	3.10
732	SANGRUR	DHURI	S-NPP	30.38882	75.92719	13:54:11	D	12.40
733	SANGRUR	DHURI	S-NPP	30.40307	75.93938	13:54:11	D	1.40
734	SANGRUR	DHURI	S-NPP	30.40771	75.98594	13:54:11	D	2.60
735	SANGRUR	DIRBA	AQUA	30.06100	76.03100	14:25:55	D	12.20
736	SANGRUR	DIRBA	AQUA	30.15200	75.90900	14:25:55	D	19.80
737	SANGRUR	DIRBA	AQUA	30.15300	75.93000	14:25:55	D	31.60
738	SANGRUR	DIRBA	S-NPP	29.97341	75.94811	13:54:11	D	1.90
739	SANGRUR	DIRBA	S-NPP	29.98288	75.95613	13:54:11	D	10.80
740	SANGRUR	DIRBA	S-NPP	29.99049	75.94585	13:54:11	D	6.20
741	SANGRUR	DIRBA	S-NPP	30.05566	76.03049	13:54:11	D	6.60
742	SANGRUR	DIRBA	S-NPP	30.09817	76.04040	13:54:11	D	3.70
743	SANGRUR	DIRBA	S-NPP	30.09957	76.05437	13:54:11	D	7.70
744	SANGRUR	DIRBA	S-NPP	30.10403	75.96931	13:54:11	D	3.60
745	SANGRUR	DIRBA	S-NPP	30.11546	75.95379	13:54:11	D	4.70
746	SANGRUR	DIRBA	S-NPP	30.13020	75.97050	13:54:11	D	2.90
747	SANGRUR	DIRBA	S-NPP	30.13067	76.01730	13:54:11	D	6.90
748	SANGRUR	DIRBA	S-NPP	30.13736	76.03996	13:54:11	D	3.50
749	SANGRUR	DIRBA	S-NPP	30.14449	75.98266	13:54:11	D	8.70
750	SANGRUR	DIRBA	S-NPP	30.15835	75.92590	13:54:11	D	8.50
751	SANGRUR	DIRBA	S-NPP	30.16011	75.92461	13:54:11	D	8.90
752	SANGRUR	DIRBA	S-NPP	30.17926	75.91847	13:54:11	D	5.10
753	SANGRUR	LEHRA GAGA	AQUA	29.82300	75.82400	14:25:55	D	16.60
754	SANGRUR	LEHRA GAGA	AQUA	29.83000	75.83100	14:25:55	D	24.00
755	SANGRUR	LEHRA GAGA	AQUA	29.85700	75.80000	14:25:55	D	18.30

756	SANGRUR	LEHRA GAGA	AQUA	29.89800	75.83500	14:25:55	D	40.70
757	SANGRUR	LEHRA GAGA	AQUA	29.90000	75.85600	14:25:55	D	30.80
758	SANGRUR	LEHRA GAGA	AQUA	29.95600	75.76200	14:25:55	D	18.10
759	SANGRUR	LEHRA GAGA	AQUA	29.96600	75.74000	14:25:55	D	20.00
760	SANGRUR	LEHRA GAGA	S-NPP	29.81060	75.81105	13:54:11	D	13.40
761	SANGRUR	LEHRA GAGA	S-NPP	29.81191	75.74335	13:54:11	D	7.80
762	SANGRUR	LEHRA GAGA	S-NPP	29.81612	75.74280	13:54:11	D	7.80
763	SANGRUR	LEHRA GAGA	S-NPP	29.82628	75.75718	13:54:11	D	5.90
764	SANGRUR	LEHRA GAGA	S-NPP	29.82645	75.75936	13:54:11	D	5.30
765	SANGRUR	LEHRA GAGA	S-NPP	29.83077	75.79931	13:54:11	D	9.50
766	SANGRUR	LEHRA GAGA	S-NPP	29.83078	75.80164	13:54:11	D	16.00
767	SANGRUR	LEHRA GAGA	S-NPP	29.83124	75.80376	13:54:11	D	9.50
768	SANGRUR	LEHRA GAGA	S-NPP	29.83681	75.81892	13:54:11	D	4.50
769	SANGRUR	LEHRA GAGA	S-NPP	29.83750	75.86189	13:54:11	D	4.30
770	SANGRUR	LEHRA GAGA	S-NPP	29.84089	75.85929	13:54:11	D	9.00
771	SANGRUR	LEHRA GAGA	S-NPP	29.85099	75.78987	13:54:11	D	6.10
772	SANGRUR	LEHRA GAGA	S-NPP	29.85544	75.87560	13:54:11	D	2.60
773	SANGRUR	LEHRA GAGA	S-NPP	29.86689	75.81942	13:54:11	D	3.00
774	SANGRUR	LEHRA GAGA	S-NPP	29.87679	75.79090	13:54:11	D	3.40
775	SANGRUR	LEHRA GAGA	S-NPP	29.89415	75.83393	13:54:11	D	9.30
776	SANGRUR	LEHRA GAGA	S-NPP	29.89838	75.83337	13:54:11	D	9.30
777	SANGRUR	LEHRA GAGA	S-NPP	29.89979	75.84685	13:54:11	D	39.60
778	SANGRUR	LEHRA GAGA	S-NPP	29.90025	75.89251	13:54:11	D	4.10
779	SANGRUR	LEHRA GAGA	S-NPP	29.90167	75.78307	13:54:11	D	3.10
780	SANGRUR	LEHRA GAGA	S-NPP	29.90309	75.79644	13:54:11	D	3.10
781	SANGRUR	LEHRA GAGA	S-NPP	29.91722	75.84908	13:54:11	D	11.70
782	SANGRUR	LEHRA GAGA	S-NPP	29.91770	75.85358	13:54:11	D	15.60
783	SANGRUR	LEHRA GAGA	S-NPP	29.92623	75.89362	13:54:11	D	5.60
784	SANGRUR	LEHRA GAGA	S-NPP	29.93682	75.75645	13:54:11	D	7.20
785	SANGRUR	LEHRA GAGA	S-NPP	29.94027	75.70649	13:54:11	D	19.40
786	SANGRUR	LEHRA GAGA	S-NPP	29.94073	75.71091	13:54:11	D	19.40
787	SANGRUR	LEHRA GAGA	S-NPP	29.94641	75.68327	13:54:11	D	9.80
788	SANGRUR	LEHRA GAGA	S-NPP	29.94765	75.73694	13:54:11	D	3.80

789	SANGRUR	LEHRA GAGA	S-NPP	29.94920	75.83644	13:54:11	D	3.50
790	SANGRUR	LEHRA GAGA	S-NPP	29.94943	75.90893	13:54:11	D	3.00
791	SANGRUR	LEHRA GAGA	S-NPP	29.95996	75.85783	13:54:11	D	4.50
792	SANGRUR	LEHRA GAGA	S-NPP	29.97380	75.78311	13:54:11	D	4.00
793	SANGRUR	LEHRA GAGA	S-NPP	29.99821	75.81165	13:54:11	D	5.30
794	SANGRUR	LEHRA GAGA	S-NPP	29.99865	75.85724	13:54:11	D	11.10
795	SANGRUR	LEHRA GAGA	S-NPP	30.01092	75.85102	13:54:11	D	5.40
796	SANGRUR	LEHRA GAGA	S-NPP	30.01469	75.84595	13:54:11	D	8.80
797	SANGRUR	MALERKOTLA-1	S-NPP	30.44929	75.83978	13:54:11	D	4.80
798	SANGRUR	MALERKOTLA-1	S-NPP	30.45264	76.04181	13:54:11	D	4.80
799	SANGRUR	MALERKOTLA-1	S-NPP	30.59752	75.98630	13:54:11	D	2.70
800	SANGRUR	MALERKOTLA-2	S-NPP	30.55964	75.87321	13:54:11	D	3.40
801	SANGRUR	MALERKOTLA-2	S-NPP	30.57492	75.83021	13:54:11	D	6.30
802	SANGRUR	MALERKOTLA-2	S-NPP	30.57546	75.70519	13:54:11	D	3.30
803	SANGRUR	MALERKOTLA-2	S-NPP	30.57670	75.82892	13:54:11	D	7.10
804	SANGRUR	MALERKOTLA-2	S-NPP	30.59445	75.80894	13:54:11	D	4.00
805	SANGRUR	SANGRUR	AQUA	30.17900	75.80300	14:25:55	D	12.80
806	SANGRUR	SANGRUR	AQUA	30.18500	75.81500	14:25:55	D	34.70
807	SANGRUR	SANGRUR	AQUA	30.32400	75.81300	14:25:55	D	10.20
808	SANGRUR	SANGRUR	S-NPP	30.16234	75.87901	13:54:11	D	4.10
809	SANGRUR	SANGRUR	S-NPP	30.17053	75.66363	13:54:11	D	3.70
810	SANGRUR	SANGRUR	S-NPP	30.17777	75.77588	13:54:11	D	5.20
811	SANGRUR	SANGRUR	S-NPP	30.18319	75.87158	13:54:11	D	3.20
812	SANGRUR	SANGRUR	S-NPP	30.21401	75.79388	13:54:11	D	3.50
813	SANGRUR	SANGRUR	S-NPP	30.23371	75.69568	13:54:11	D	3.70
814	SANGRUR	SANGRUR	S-NPP	30.27392	75.88416	13:54:11	D	16.10
815	SANGRUR	SANGRUR	S-NPP	30.27438	75.88874	13:54:11	D	16.10
816	SANGRUR	SANGRUR	S-NPP	30.27467	75.93535	13:54:11	D	3.10
817	SANGRUR	SANGRUR	S-NPP	30.27911	75.89277	13:54:11	D	2.80
818	SANGRUR	SANGRUR	S-NPP	30.33228	75.82079	13:54:11	D	5.50
819	SANGRUR	SANGRUR	S-NPP	30.33369	75.79296	13:54:11	D	12.40
820	SANGRUR	SANGRUR	S-NPP	30.33416	75.79750	13:54:11	D	12.40
821	SANGRUR	SANGRUR	S-NPP	30.33701	75.82477	13:54:11	D	5.30

822	SANGRUR	SHER PUR	AQUA	30.32500	75.69000	14:25:55	D	12.50
823	SANGRUR	SHER PUR	S-NPP	30.30033	75.67884	13:54:11	D	5.50
824	SANGRUR	SHER PUR	S-NPP	30.43130	75.74982	13:54:11	D	6.30
825	SANGRUR	SUNAM	AQUA	30.03800	75.66400	14:25:55	D	13.30
826	SANGRUR	SUNAM	AQUA	30.05600	75.84400	14:25:55	D	18.40
827	SANGRUR	SUNAM	AQUA	30.07200	75.76000	14:25:55	D	10.80
828	SANGRUR	SUNAM	S-NPP	29.98884	75.76299	13:54:11	D	3.50
829	SANGRUR	SUNAM	S-NPP	30.01517	75.85046	13:54:11	D	5.40
830	SANGRUR	SUNAM	S-NPP	30.02172	75.79029	13:54:11	D	5.30
831	SANGRUR	SUNAM	S-NPP	30.02305	75.72227	13:54:11	D	4.40
832	SANGRUR	SUNAM	S-NPP	30.02441	75.69512	13:54:11	D	5.30
833	SANGRUR	SUNAM	S-NPP	30.02727	75.72172	13:54:11	D	4.40
834	SANGRUR	SUNAM	S-NPP	30.02733	75.76234	13:54:11	D	11.90
835	SANGRUR	SUNAM	S-NPP	30.02742	75.72272	13:54:11	D	4.20
836	SANGRUR	SUNAM	S-NPP	30.02862	75.69456	13:54:11	D	4.50
837	SANGRUR	SUNAM	S-NPP	30.02876	75.77573	13:54:11	D	5.70
838	SANGRUR	SUNAM	S-NPP	30.02886	75.85780	13:54:11	D	8.50
839	SANGRUR	SUNAM	S-NPP	30.02894	75.69550	13:54:11	D	6.90
840	SANGRUR	SUNAM	S-NPP	30.02971	75.78468	13:54:11	D	6.70
841	SANGRUR	SUNAM	S-NPP	30.03145	75.76286	13:54:11	D	3.30
842	SANGRUR	SUNAM	S-NPP	30.03196	75.72559	13:54:11	D	2.70
843	SANGRUR	SUNAM	S-NPP	30.03208	75.72660	13:54:11	D	4.20
844	SANGRUR	SUNAM	S-NPP	30.03324	75.78077	13:54:11	D	5.10
845	SANGRUR	SUNAM	S-NPP	30.03394	75.78412	13:54:11	D	6.70
846	SANGRUR	SUNAM	S-NPP	30.03414	75.78974	13:54:11	D	9.10
847	SANGRUR	SUNAM	S-NPP	30.03497	75.83411	13:54:11	D	5.30
848	SANGRUR	SUNAM	S-NPP	30.03640	75.84764	13:54:11	D	6.00
849	SANGRUR	SUNAM	S-NPP	30.03684	75.81672	13:54:11	D	4.40
850	SANGRUR	SUNAM	S-NPP	30.03703	75.77572	13:54:11	D	5.10
851	SANGRUR	SUNAM	S-NPP	30.03721	75.77461	13:54:11	D	5.00
852	SANGRUR	SUNAM	S-NPP	30.03729	75.81554	13:54:11	D	4.40
853	SANGRUR	SUNAM	S-NPP	30.03777	75.82003	13:54:11	D	4.60
854	SANGRUR	SUNAM	S-NPP	30.04262	75.66226	13:54:11	D	2.60

855	SANGRUR	SUNAM	S-NPP	30.04428	75.72044	13:54:11	D	2.60
856	SANGRUR	SUNAM	S-NPP	30.04560	75.86136	13:54:11	D	2.50
857	SANGRUR	SUNAM	S-NPP	30.04682	75.86459	13:54:11	D	5.00
858	SANGRUR	SUNAM	S-NPP	30.04865	75.80600	13:54:11	D	4.10
859	SANGRUR	SUNAM	S-NPP	30.05116	75.90544	13:54:11	D	2.20
860	SANGRUR	SUNAM	S-NPP	30.05243	75.80093	13:54:11	D	3.80
861	SANGRUR	SUNAM	S-NPP	30.05410	75.86021	13:54:11	D	2.80
862	SANGRUR	SUNAM	S-NPP	30.05438	75.90623	13:54:11	D	6.80
863	SANGRUR	SUNAM	S-NPP	30.05542	75.90488	13:54:11	D	2.20
864	SANGRUR	SUNAM	S-NPP	30.05999	75.79079	13:54:11	D	5.70
865	SANGRUR	SUNAM	S-NPP	30.06032	75.83644	13:54:11	D	22.50
866	SANGRUR	SUNAM	S-NPP	30.06331	75.78127	13:54:11	D	3.10
867	SANGRUR	SUNAM	S-NPP	30.06912	75.71255	13:54:11	D	23.40
868	SANGRUR	SUNAM	S-NPP	30.07776	75.83868	13:54:11	D	6.00
869	SANGRUR	SUNAM	S-NPP	30.07858	75.63949	13:54:11	D	3.80
870	SANGRUR	SUNAM	S-NPP	30.07939	75.72923	13:54:11	D	11.40
871	SANGRUR	SUNAM	S-NPP	30.08078	75.74261	13:54:11	D	35.00
872	SANGRUR	SUNAM	S-NPP	30.08155	75.83359	13:54:11	D	2.10
873	SANGRUR	SUNAM	S-NPP	30.08223	75.71529	13:54:11	D	4.60
874	SANGRUR	SUNAM	S-NPP	30.08284	75.88860	13:54:11	D	6.10
875	SANGRUR	SUNAM	S-NPP	30.08315	75.72420	13:54:11	D	11.40
876	SANGRUR	SUNAM	S-NPP	30.08551	75.70584	13:54:11	D	5.90
877	SANGRUR	SUNAM	S-NPP	30.09441	75.70914	13:54:11	D	4.10
878	SANGRUR	SUNAM	S-NPP	30.09863	75.66811	13:54:11	D	2.40
879	SANGRUR	SUNAM	S-NPP	30.10134	75.85847	13:54:11	D	9.50
880	SANGRUR	SUNAM	S-NPP	30.10471	75.72581	13:54:11	D	7.30
881	SANGRUR	SUNAM	S-NPP	30.10564	75.77557	13:54:11	D	4.60
882	SANGRUR	SUNAM	S-NPP	30.10612	75.69854	13:54:11	D	2.60
883	SANGRUR	SUNAM	S-NPP	30.10659	75.70298	13:54:11	D	3.30
884	SANGRUR	SUNAM	S-NPP	30.10893	75.76604	13:54:11	D	4.20
885	SANGRUR	SUNAM	S-NPP	30.11267	75.88461	13:54:11	D	5.50
886	SANGRUR	SUNAM	S-NPP	30.11360	75.89371	13:54:11	D	8.70
887	SANGRUR	SUNAM	S-NPP	30.11407	75.89828	13:54:11	D	8.70



888	SANGRUR	SUNAM	S-NPP	30.11647	75.83810	13:54:11	D	10.10
889	SANGRUR	SUNAM	S-NPP	30.11740	75.84715	13:54:11	D	12.20
890	SANGRUR	SUNAM	S-NPP	30.12214	75.89258	13:54:11	D	9.80
891	SANGRUR	SUNAM	S-NPP	30.13246	75.78564	13:54:11	D	2.50
892	SANGRUR	SUNAM	S-NPP	30.13328	75.63281	13:54:11	D	1.60
893	SANGRUR	SUNAM	S-NPP	30.14253	75.76694	13:54:11	D	2.10
894	SAS NAGAR (MOHALI)	DERABASSI	AQUA	30.57000	76.78400	14:25:55	D	22.20
895	SAS NAGAR (MOHALI)	DERABASSI	AQUA	30.58100	76.80200	14:25:55	D	20.20
896	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.49205	76.86334	13:54:11	D	4.60
897	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.72906	76.59161	13:54:11	D	6.70
898	SBS NAGAR	AUR	S-NPP	31.00692	76.08070	13:54:11	D	18.10
899	SBS NAGAR	AUR	S-NPP	31.01128	76.08013	13:54:11	D	11.80
900	SBS NAGAR	AUR	S-NPP	31.08156	75.98454	13:54:11	D	1.40
901	SBS NAGAR	AUR	S-NPP	31.11476	75.92225	13:54:11	D	4.50
902	TARN TARAN	BHIKHIWIND	AQUA	31.37600	74.59400	14:25:55	D	13.70
903	TARN TARAN	BHIKHIWIND	AQUA	31.37900	74.73800	14:25:55	D	26.70
904	TARN TARAN	BHIKHIWIND	AQUA	31.38500	74.68300	14:25:55	D	12.60
905	TARN TARAN	BHIKHIWIND	AQUA	31.41000	74.69800	14:25:55	D	16.20
906	TARN TARAN	BHIKHIWIND	S-NPP	31.24704	74.65804	13:54:11	D	4.50
907	TARN TARAN	BHIKHIWIND	S-NPP	31.24748	74.66211	13:54:11	D	4.50
908	TARN TARAN	BHIKHIWIND	S-NPP	31.27293	74.70811	13:54:11	D	7.60
909	TARN TARAN	BHIKHIWIND	S-NPP	31.27697	74.70753	13:54:11	D	12.30
910	TARN TARAN	BHIKHIWIND	S-NPP	31.27741	74.71163	13:54:11	D	16.50
911	TARN TARAN	BHIKHIWIND	S-NPP	31.27967	74.62038	13:54:11	D	8.00
912	TARN TARAN	BHIKHIWIND	S-NPP	31.28145	74.71106	13:54:11	D	16.50
913	TARN TARAN	BHIKHIWIND	S-NPP	31.28996	74.67664	13:54:11	D	2.00
914	TARN TARAN	BHIKHIWIND	S-NPP	31.33161	74.72073	13:54:11	D	2.40
915	TARN TARAN	BHIKHIWIND	S-NPP	31.34121	74.65698	13:54:11	D	2.20
916	TARN TARAN	BHIKHIWIND	S-NPP	31.34310	74.56098	13:54:11	D	3.60
917	TARN TARAN	BHIKHIWIND	S-NPP	31.36753	74.71136	13:54:11	D	1.40
918	TARN TARAN	BHIKHIWIND	S-NPP	31.37569	74.59833	13:54:11	D	3.70
919	TARN TARAN	BHIKHIWIND	S-NPP	31.38323	74.74258	13:54:11	D	4.00
920	TARN TARAN	CHOHLA SAHIB	AQUA	31.27500	75.04500	14:25:55	D	12.60

921	TARN TARAN	CHOHLA SAHIB	S-NPP	31.19789	74.96584	13:54:11	D	4.20
922	TARN TARAN	CHOHLA SAHIB	S-NPP	31.22660	75.03915	13:54:11	D	9.80
923	TARN TARAN	CHOHLA SAHIB	S-NPP	31.22706	75.04343	13:54:11	D	9.80
924	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23520	74.97524	13:54:11	D	2.70
925	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24061	74.98736	13:54:11	D	8.00
926	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24104	74.99159	13:54:11	D	8.00
927	TARN TARAN	CHOHLA SAHIB	S-NPP	31.25085	75.04631	13:54:11	D	8.90
928	TARN TARAN	CHOHLA SAHIB	S-NPP	31.25592	74.89542	13:54:11	D	10.00
929	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26033	74.93742	13:54:11	D	12.50
930	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26319	75.04456	13:54:11	D	9.80
931	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26443	74.93684	13:54:11	D	12.50
932	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26531	74.94526	13:54:11	D	3.90
933	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26564	74.98811	13:54:11	D	2.20
934	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26949	74.90626	13:54:11	D	4.20
935	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26974	74.98753	13:54:11	D	2.20
936	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27097	75.03913	13:54:11	D	3.00
937	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27107	75.00024	13:54:11	D	2.70
938	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27215	74.93148	13:54:11	D	5.20
939	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27508	75.03855	13:54:11	D	3.00
940	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27944	74.92191	13:54:11	D	3.60
941	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28397	74.92552	13:54:11	D	3.70
942	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28794	75.00217	13:54:11	D	7.90
943	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29339	75.01436	13:54:11	D	5.60
944	TARN TARAN	CHOHLA SAHIB	S-NPP	31.31256	74.99871	13:54:11	D	11.40
945	TARN TARAN	CHOHLA SAHIB	S-NPP	31.32901	75.03530	13:54:11	D	2.40
946	TARN TARAN	CHOHLA SAHIB	S-NPP	31.33729	75.11259	13:54:11	D	4.30
947	TARN TARAN	CHOHLA SAHIB	S-NPP	31.35842	75.11398	13:54:11	D	7.60
948	TARN TARAN	CHOHLA SAHIB	S-NPP	31.35999	75.11440	13:54:11	D	7.00
949	TARN TARAN	CHOHLA SAHIB	S-NPP	31.36369	75.10950	13:54:11	D	7.00
950	TARN TARAN	GANDIWIND TATLA	AQUA	31.48900	74.70000	14:25:55	D	17.90
951	TARN TARAN	GANDIWIND TATLA	AQUA	31.50200	74.71600	14:25:55	D	16.50
952	TARN TARAN	GANDIWIND TATLA	S-NPP	31.50671	74.70436	13:54:11	D	6.70
953	TARN TARAN	GANDIWIND TATLA	S-NPP	31.50850	74.68320	13:54:11	D	3.60

954	TARN TARAN	GANDIWIND TATLA	S-NPP	31.51254	74.68262	13:54:11	D	3.40
955	TARN TARAN	GANDIWIND TATLA	S-NPP	31.51347	74.72855	13:54:11	D	2.50
956	TARN TARAN	GANDIWIND TATLA	S-NPP	31.51392	74.73269	13:54:11	D	2.50
957	TARN TARAN	GANDIWIND TATLA	S-NPP	31.54613	74.80853	13:54:11	D	4.40
958	TARN TARAN	KHADUR SAHIB	S-NPP	31.39577	75.13580	13:54:11	D	7.90
959	TARN TARAN	KHADUR SAHIB	S-NPP	31.39938	75.17066	13:54:11	D	7.70
960	TARN TARAN	KHADUR SAHIB	S-NPP	31.40458	75.09938	13:54:11	D	4.60
961	TARN TARAN	KHADUR SAHIB	S-NPP	31.41830	75.15025	13:54:11	D	4.40
962	TARN TARAN	KHADUR SAHIB	S-NPP	31.44407	75.07635	13:54:11	D	2.20
963	TARN TARAN	KHADUR SAHIB	S-NPP	31.46859	75.18757	13:54:11	D	2.70
964	TARN TARAN	KHADUR SAHIB	S-NPP	31.46932	75.05619	13:54:11	D	4.40
965	TARN TARAN	KHADUR SAHIB	S-NPP	31.47012	75.18832	13:54:11	D	3.00
966	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.35461	74.98038	13:54:11	D	5.50
967	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.35871	74.97979	13:54:11	D	5.50
968	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.35915	74.98405	13:54:11	D	5.50
969	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.42847	74.96996	13:54:11	D	4.80
970	TARN TARAN	PATTI	AQUA	31.16000	74.82400	14:25:55	D	12.60
971	TARN TARAN	PATTI	AQUA	31.18100	74.91400	14:25:55	D	20.40
972	TARN TARAN	PATTI	AQUA	31.18300	74.93200	14:25:55	D	13.80
973	TARN TARAN	PATTI	S-NPP	31.16274	74.83108	13:54:11	D	6.20
974	TARN TARAN	PATTI	S-NPP	31.18521	74.92498	13:54:11	D	3.60
975	TARN TARAN	PATTI	S-NPP	31.18934	74.81044	13:54:11	D	5.90
976	TARN TARAN	PATTI	S-NPP	31.19700	74.80513	13:54:11	D	6.10
977	TARN TARAN	PATTI	S-NPP	31.20107	74.84235	13:54:11	D	2.00
978	TARN TARAN	PATTI	S-NPP	31.21061	74.92990	13:54:11	D	27.80
979	TARN TARAN	PATTI	S-NPP	31.21466	74.89109	13:54:11	D	2.50
980	TARN TARAN	PATTI	S-NPP	31.22409	74.71101	13:54:11	D	6.90
981	TARN TARAN	PATTI	S-NPP	31.23129	74.93728	13:54:11	D	2.30
982	TARN TARAN	PATTI	S-NPP	31.24339	74.85485	13:54:11	D	6.40
983	TARN TARAN	PATTI	S-NPP	31.30214	74.90163	13:54:11	D	2.60
984	TARN TARAN	TARN TARAN	AQUA	31.45800	74.87000	14:25:55	D	11.00
985	TARN TARAN	TARN TARAN	AQUA	31.46100	74.85700	14:25:55	D	12.00
986	TARN TARAN	TARN TARAN	S-NPP	31.37007	74.81175	13:54:11	D	3.90

987	TARN TARAN	TARN TARAN	S-NPP	31.38368	74.74671	13:54:11	D	27.30
988	TARN TARAN	TARN TARAN	S-NPP	31.38772	74.74612	13:54:11	D	3.60
989	TARN TARAN	TARN TARAN	S-NPP	31.39131	74.77921	13:54:11	D	3.40
990	TARN TARAN	TARN TARAN	S-NPP	31.42111	74.82564	13:54:11	D	5.90
991	TARN TARAN	TARN TARAN	S-NPP	31.44244	74.83591	13:54:11	D	20.20
992	TARN TARAN	TARN TARAN	S-NPP	31.44287	74.84010	13:54:11	D	15.00
993	TARN TARAN	TARN TARAN	S-NPP	31.44971	74.82638	13:54:11	D	5.20
994	TARN TARAN	TARN TARAN	S-NPP	31.45378	74.82580	13:54:11	D	5.30
995	TARN TARAN	TARN TARAN	S-NPP	31.50129	74.80630	13:54:11	D	5.10
996	TARN TARAN	TARN TARAN	S-NPP	31.50354	74.82719	13:54:11	D	3.80
997	TARN TARAN	VALTOHA	AQUA	31.10200	74.70500	14:25:55	D	11.60
998	TARN TARAN	VALTOHA	AQUA	31.11300	74.70300	14:25:55	D	16.10
999	TARN TARAN	VALTOHA	AQUA	31.12500	74.70200	14:25:55	D	34.30
1000	TARN TARAN	VALTOHA	AQUA	31.13100	74.54000	14:25:55	D	35.30
1001	TARN TARAN	VALTOHA	AQUA	31.15000	74.60800	14:25:55	D	19.40
1002	TARN TARAN	VALTOHA	AQUA	31.15400	74.53700	14:25:55	D	9.80
1003	TARN TARAN	VALTOHA	AQUA	31.23500	74.53700	14:25:55	D	22.20
1004	TARN TARAN	VALTOHA	AQUA	31.24900	74.58200	14:25:55	D	12.10
1005	TARN TARAN	VALTOHA	AQUA	31.25100	74.58800	14:25:55	D	16.00
1006	TARN TARAN	VALTOHA	S-NPP	31.12440	74.58934	13:54:11	D	3.50
1007	TARN TARAN	VALTOHA	S-NPP	31.12487	74.70733	13:54:11	D	31.90
1008	TARN TARAN	VALTOHA	S-NPP	31.13783	74.71372	13:54:11	D	4.40
1009	TARN TARAN	VALTOHA	S-NPP	31.13837	74.60567	13:54:11	D	12.20
1010	TARN TARAN	VALTOHA	S-NPP	31.13923	74.68874	13:54:11	D	12.20
1011	TARN TARAN	VALTOHA	S-NPP	31.14237	74.60509	13:54:11	D	4.20
1012	TARN TARAN	VALTOHA	S-NPP	31.14992	74.71198	13:54:11	D	8.00
1013	TARN TARAN	VALTOHA	S-NPP	31.16381	74.68932	13:54:11	D	2.60
1014	TARN TARAN	VALTOHA	S-NPP	31.17726	74.53828	13:54:11	D	12.00
1015	TARN TARAN	VALTOHA	S-NPP	31.17970	74.53865	13:54:11	D	11.10
1016	TARN TARAN	VALTOHA	S-NPP	31.18481	74.65740	13:54:11	D	10.00
1017	TARN TARAN	VALTOHA	S-NPP	31.18793	74.64870	13:54:11	D	2.20
1018	TARN TARAN	VALTOHA	S-NPP	31.18826	74.60392	13:54:11	D	3.20
1019	TARN TARAN	VALTOHA	S-NPP	31.21254	74.52702	13:54:11	D	2.70

1020	TARN TARAN	VALTOHA	S-NPP	31.21487	74.66272	13:54:11	D	6.70
1021	TARN TARAN	VALTOHA	S-NPP	31.21889	74.66213	13:54:11	D	6.70
1022	TARN TARAN	VALTOHA	S-NPP	31.22433	74.63661	13:54:11	D	3.20
1023	TARN TARAN	VALTOHA	S-NPP	31.22476	74.64067	13:54:11	D	3.20
1024	TARN TARAN	VALTOHA	S-NPP	31.23128	74.70167	13:54:11	D	4.70
1025	TARN TARAN	VALTOHA	S-NPP	31.23357	74.68478	13:54:11	D	7.10
1026	TARN TARAN	VALTOHA	S-NPP	31.23400	74.68885	13:54:11	D	7.10
1027	TARN TARAN	VALTOHA	S-NPP	31.23550	74.62674	13:54:11	D	3.10
1028	TARN TARAN	VALTOHA	S-NPP	31.24837	74.59516	13:54:11	D	5.00
1029	TARN TARAN	VALTOHA	S-NPP	31.27709	74.56033	13:54:11	D	8.30
1030	TARN TARAN	VALTOHA	S-NPP	31.28646	74.60809	13:54:11	D	16.10

### Details of residue burning events in Haryana on 30-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBALA	AMBALA-II	S-NPP	30.10258	76.62022	13:54:11	D	6.40
2	AMBALA	AMBALA-II	S-NPP	30.29430	76.72900	13:54:11	D	3.60
3	AMBALA	BARARA	S-NPP	30.17673	77.09743	13:54:11	D	4.70
4	AMBALA	BARARA	S-NPP	30.17731	77.09997	13:54:11	D	4.10
5	FATEHABAD	FATEHABAD	S-NPP	29.45827	75.47501	13:54:11	D	3.90
6	FATEHABAD	FATEHABAD	S-NPP	29.54821	75.39896	13:54:11	D	5.90
7	FATEHABAD	JAKHAL	AQUA	29.73700	75.76200	14:25:55	D	13.70
8	FATEHABAD	JAKHAL	S-NPP	29.70030	75.77569	13:54:11	D	2.50
9	FATEHABAD	JAKHAL	S-NPP	29.73719	75.72214	13:54:11	D	11.10
10	FATEHABAD	JAKHAL	S-NPP	29.74083	75.75742	13:54:11	D	3.50
11	FATEHABAD	JAKHAL	S-NPP	29.79041	75.78217	13:54:11	D	8.90
12	FATEHABAD	JAKHAL	S-NPP	29.79462	75.78160	13:54:11	D	8.90
13	FATEHABAD	JAKHAL	S-NPP	29.79555	75.75003	13:54:11	D	10.50
14	FATEHABAD	JAKHAL	S-NPP	29.80676	75.73509	13:54:11	D	4.40
15	FATEHABAD	RATIA	AQUA	29.73000	75.61000	14:25:55	D	15.90
16	FATEHABAD	RATIA	S-NPP	29.60912	75.51532	13:54:11	D	9.30
17	FATEHABAD	RATIA	S-NPP	29.68187	75.52699	13:54:11	D	7.70
18	FATEHABAD	RATIA	S-NPP	29.68602	75.52641	13:54:11	D	7.70
19	FATEHABAD	RATIA	S-NPP	29.69110	75.40121	13:54:11	D	8.30
20	FATEHABAD	RATIA	S-NPP	29.69522	75.40064	13:54:11	D	8.30
21	FATEHABAD	RATIA	S-NPP	29.70067	75.41271	13:54:11	D	2.60
22	FATEHABAD	RATIA	S-NPP	29.77312	75.50182	13:54:11	D	4.90
23	FATEHABAD	TOHANA	S-NPP	29.73756	75.89342	13:54:11	D	3.60
24	HISAR	BARWALA	S-NPP	29.38599	75.99432	13:54:11	D	2.20
25	JIND	ALEWA	S-NPP	29.53390	76.43408	13:54:11	D	8.00
26	JIND	NARWANA	AQUA	29.72700	76.07600	14:25:55	D	33.40
27	JIND	NARWANA	S-NPP	29.65815	76.16251	13:54:11	D	7.90
28	JIND	NARWANA	S-NPP	29.65861	76.16716	13:54:11	D	7.90
29	JIND	NARWANA	S-NPP	29.68810	75.94490	13:54:11	D	3.70
30	JIND	PILLUKHERA	S-NPP	29.29681	76.54745	13:54:11	D	3.10

31	JIND	UCHANA	S-NPP	29.48438	76.20625	13:54:11	D	2.00
32	JIND	UCHANA	S-NPP	29.52779	76.07920	13:54:11	D	5.00
33	JIND	UCHANA	S-NPP	29.52969	76.07526	13:54:11	D	5.20
34	KAITHAL	GUHLA	S-NPP	30.00104	76.31479	13:54:11	D	4.20
35	KAITHAL	GUHLA	S-NPP	30.00131	76.22768	13:54:11	D	2.50
36	KAITHAL	GUHLA	S-NPP	30.03488	76.38873	13:54:11	D	2.80
37	KAITHAL	GUHLA	S-NPP	30.08583	76.27158	13:54:11	D	2.50
38	KAITHAL	GUHLA	S-NPP	30.12962	76.40318	13:54:11	D	12.60
39	KAITHAL	KAITHAL	S-NPP	29.77383	76.25780	13:54:11	D	3.80
40	KAITHAL	KAITHAL	S-NPP	29.81384	76.26219	13:54:11	D	2.10
41	KARNAL	ASSANDH	S-NPP	29.55672	76.79713	02:44:11	N	1.60
42	KARNAL	ASSANDH	S-NPP	29.56129	76.79845	02:44:11	N	1.60
43	KARNAL	CHIRAO	S-NPP	29.63245	76.85902	13:54:11	D	2.40
44	KARNAL	CHIRAO	S-NPP	29.63823	76.73026	13:54:11	D	4.50
45	KARNAL	CHIRAO	S-NPP	29.65476	76.94981	13:54:11	D	1.30
46	KARNAL	INDRI	S-NPP	29.82737	77.06351	13:54:11	D	11.80
47	KARNAL	NILOKHERI	S-NPP	29.85005	76.81552	13:54:11	D	3.50
48	KURUKSHETRA	PEHOWA	S-NPP	30.06894	76.59904	13:54:11	D	5.40
49	ROHTAK	MEHAM	S-NPP	28.97211	76.45255	13:54:11	D	3.30
50	ROHTAK	MEHAM	S-NPP	28.99575	76.34055	13:54:11	D	2.60
51	SIRSA	ODHAN	S-NPP	29.86053	74.98665	13:54:11	D	1.80
52	SIRSA	ODHAN	S-NPP	29.87944	74.93510	13:54:11	D	8.80

### Details of residue burning events in Uttar Pradesh on 30-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AURAIYA	AURAIYA	S-NPP	26.61467	79.42498	13:54:11	D	2.20
2	AURAIYA	BIDHUNA	S-NPP	26.74395	79.40269	13:54:11	D	2.10
3	BAHRAICH	BAHRAICH	S-NPP	27.57491	81.65102	13:54:11	D	2.90
4	BAHRAICH	BAHRAICH	S-NPP	27.57650	81.65168	13:54:11	D	3.80
5	BALRAMPUR	BALRAMPUR	S-NPP	27.41249	82.28115	13:54:11	D	2.50
6	FATEHPUR	BINKI	S-NPP	25.98251	80.60603	13:54:11	D	2.70
7	FIROZABAD	SIKOHABAD	S-NPP	27.04882	78.59502	13:54:11	D	4.50
8	HARDOI	BILGRAM	S-NPP	27.25001	80.00533	13:54:11	D	2.20
9	HARDOI	BILGRAM	S-NPP	27.25161	80.00590	13:54:11	D	2.30
10	JHANSI	JHANSI	S-NPP	25.45505	78.71810	13:54:11	D	6.80
11	JHANSI	JHANSI	S-NPP	25.52992	78.73843	13:54:11	D	3.90
12	JHANSI	JHANSI	S-NPP	25.53343	78.73534	13:54:11	D	6.60
13	KANNAUJ	TIRWA	S-NPP	26.84689	79.84518	13:54:11	D	2.10
14	KANPUR	GHATAMPUR	S-NPP	26.10786	80.03712	13:54:11	D	1.60
15	KANPUR DEHAT	RASULABAD	S-NPP	26.61088	79.99323	13:54:11	D	2.40
16	KANPUR DEHAT	RASULABAD	S-NPP	26.61156	79.99397	13:54:11	D	2.60
17	KUSHINAGAR	HATA	S-NPP	26.67085	83.62820	01:03:53	N	0.40
18	SHAHJAHANPUR	PUWANYA	S-NPP	28.09899	80.03632	01:03:53	N	0.90
19	SHAHJAHANPUR	PUWANYA	S-NPP	28.22525	80.01049	02:44:11	N	0.50



### Details of residue burning events in Rajasthan on 30-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARAN	ANTA	S-NPP	25.15913	76.30961	02:44:11	N	0.70
2	BARAN	MANGROL	S-NPP	25.30160	76.32899	13:54:11	D	4.10
3	BARAN	MANGROL	S-NPP	25.30663	76.53627	13:54:11	D	6.20
4	BARAN	MANGROL	S-NPP	25.30711	76.54044	13:54:11	D	8.70
5	BUNDI	BUNDI	S-NPP	25.28014	75.84989	13:54:11	D	2.40
6	BUNDI	BUNDI	S-NPP	25.30400	75.70907	13:54:11	D	4.50
7	BUNDI	BUNDI	S-NPP	25.30797	75.70851	13:54:11	D	5.30
8	BUNDI	BUNDI	S-NPP	25.35366	75.76850	13:54:11	D	6.50
9	BUNDI	BUNDI	S-NPP	25.37418	75.80589	13:54:11	D	4.00
10	BUNDI	BUNDI	S-NPP	25.37484	75.81156	13:54:11	D	3.30
11	BUNDI	BUNDI	S-NPP	25.37610	75.85770	13:54:11	D	3.60
12	BUNDI	KESHORAIPATAN	S-NPP	25.33821	75.92812	13:54:11	D	3.40
13	CHITTAURGARH	GANGRAR	S-NPP	24.93491	74.63581	02:44:11	N	1.10
14	GANGANAGAR	SURATGARH	S-NPP	29.46712	73.86541	13:54:11	D	5.50
15	HANUMANGARH	HANUMANGARH	S-NPP	29.56012	74.28527	13:54:11	D	4.30
16	HANUMANGARH	HANUMANGARH	S-NPP	29.56079	74.28249	13:54:11	D	3.00
17	HANUMANGARH	TIBI	AQUA	29.64500	74.48900	14:25:55	D	10.70
18	HANUMANGARH	TIBI	S-NPP	29.54735	74.47840	13:54:11	D	9.30
19	HANUMANGARH	TIBI	S-NPP	29.55647	74.52270	13:54:11	D	2.90
20	JHALAWAR	KHANPUR	S-NPP	24.76982	76.35051	13:54:11	D	1.60
21	KOTA	DIGOD	S-NPP	25.10152	76.12113	13:54:11	D	2.10
22	KOTA	DIGOD	S-NPP	25.18272	76.18299	13:54:11	D	9.40
23	KOTA	DIGOD	S-NPP	25.18680	76.18244	13:54:11	D	9.40
24	KOTA	LADPURA	S-NPP	25.17280	75.95141	13:54:11	D	2.80
25	KOTA	LADPURA	S-NPP	25.21438	76.02778	13:54:11	D	1.70
26	KOTA	LADPURA	S-NPP	25.22321	75.92889	13:54:11	D	3.30
27	KOTA	LADPURA	S-NPP	25.24173	76.01619	13:54:11	D	6.90
28	KOTA	LADPURA	S-NPP	25.25383	76.01453	13:54:11	D	4.60
29	KOTA	LADPURA	S-NPP	25.25402	76.01411	13:54:11	D	4.20
30	KOTA	LADPURA	S-NPP	25.25467	75.94741	13:54:11	D	7.20
31	KOTA	PIPALDA	AQUA	25.47100	76.50200	14:25:55	D	20.20
32	KOTA	PIPALDA	S-NPP	25.43764	76.51535	13:54:11	D	8.60

33	KOTA	PIPALDA	S-NPP	25.43810	76.51952	13:54:11	D	8.60
34	KOTA	PIPALDA	S-NPP	25.44373	76.41778	13:54:11	D	2.20
35	KOTA	PIPALDA	S-NPP	25.47519	76.51036	13:54:11	D	11.20
36	SWAIMADHOPUR	KHANDAR	S-NPP	26.04331	76.74323	13:54:11	D	2.10
37	UDAIPUR	MAVLI	S-NPP	24.70072	74.10943	13:54:11	D	10.40

### Details of residue burning events in Madhya Pradesh on 30-Oct-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.52380	77.81762	13:54:11	D	3.80
2	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.53531	77.84079	13:54:11	D	2.50
3	ASHOKNAGAR	ISAGARH	S-NPP	24.70705	77.88257	13:54:11	D	1.60
4	ASHOKNAGAR	ISAGARH	S-NPP	24.71137	77.85487	13:54:11	D	4.30
5	ASHOKNAGAR	MUNGAOLI	S-NPP	24.26710	77.94153	13:54:11	D	4.90
6	ASHOKNAGAR	MUNGAOLI	S-NPP	24.28975	77.96557	13:54:11	D	5.00
7	ASHOKNAGAR	MUNGAOLI	S-NPP	24.35387	78.09818	13:54:11	D	10.70
8	ASHOKNAGAR	MUNGAOLI	S-NPP	24.55867	78.10894	13:54:11	D	6.00
9	BHIND	GOHAD	S-NPP	26.44333	78.36214	13:54:11	D	3.90
10	BHIND	GOHAD	S-NPP	26.44752	78.35600	13:54:11	D	8.40
11	BHIND	GOHAD	S-NPP	26.44807	78.36160	13:54:11	D	3.90
12	BHIND	LAHAR	S-NPP	26.04083	78.78757	13:54:11	D	8.70
13	BHIND	MAHGAWAN	S-NPP	26.58368	78.46709	13:54:11	D	6.00
14	BHIND	MAHGAWAN	S-NPP	26.58397	78.46397	13:54:11	D	9.20
15	BHOPAL	HUZUR	S-NPP	23.12438	77.41943	13:54:11	D	3.50
16	CHHINDWARA	CHAURAI	S-NPP	21.92373	79.14220	13:54:11	D	4.20
17	CHHINDWARA	CHAURAI	S-NPP	22.19586	79.31440	01:03:53	N	0.50
18	CHHINDWARA	CHHINDWARA	S-NPP	22.00128	78.83223	13:54:11	D	3.70
19	CHHINDWARA	CHHINDWARA	S-NPP	22.11338	79.05961	13:54:11	D	2.90
20	DATIA	BHANDER	S-NPP	25.81552	78.80405	13:54:11	D	3.30
21	DATIA	BHANDER	S-NPP	25.87177	78.82742	13:54:11	D	5.10
22	DATIA	DATIA	S-NPP	25.61353	78.61105	13:54:11	D	5.30
23	DATIA	DATIA	S-NPP	25.63416	78.67540	13:54:11	D	1.10
24	DATIA	DATIA	S-NPP	25.79910	78.43770	13:54:11	D	3.80
25	DATIA	SEONDHA	S-NPP	25.93570	78.69450	13:54:11	D	6.60
26	DATIA	SEONDHA	S-NPP	25.93626	78.70027	13:54:11	D	4.90
27	DATIA	SEONDHA	S-NPP	25.97547	78.66544	13:54:11	D	4.40
28	DATIA	SEONDHA	S-NPP	25.97618	78.66076	13:54:11	D	2.40
29	DATIA	SEONDHA	S-NPP	25.97677	78.66653	13:54:11	D	2.40

30	DATIA	SEONDHA	S-NPP	25.98518	78.71706	13:54:11	D	3.40
31	DATIA	SEONDHA	S-NPP	25.98627	78.72870	13:54:11	D	8.00
32	DATIA	SEONDHA	S-NPP	25.99484	78.71597	13:54:11	D	3.30
33	DATIA	SEONDHA	S-NPP	26.02999	78.77690	13:54:11	D	3.60
34	DATIA	SEONDHA	S-NPP	26.05597	78.79182	13:54:11	D	3.80
35	DEWAS	KHATEGOAN	S-NPP	22.50344	76.99712	13:54:11	D	4.40
36	DHAR	KUKSHI	S-NPP	22.21185	74.79833	13:54:11	D	2.10
37	DHAR	KUKSHI	S-NPP	22.21241	74.80037	13:54:11	D	4.40
38	GUNA	ARON	S-NPP	24.26681	77.48847	13:54:11	D	4.90
39	GUNA	ARON	S-NPP	24.28625	77.50452	13:54:11	D	2.50
40	GUNA	ARON	S-NPP	24.29624	77.43376	13:54:11	D	3.00
41	GUNA	ARON	S-NPP	24.31199	77.49669	13:54:11	D	9.90
42	GUNA	ARON	S-NPP	24.32622	77.42543	13:54:11	D	3.70
43	GUNA	GUNA	S-NPP	24.55883	77.43730	13:54:11	D	4.70
44	GUNA	GUNA	S-NPP	24.55913	77.44093	13:54:11	D	6.40
45	GUNA	GUNA	S-NPP	24.56029	77.45114	13:54:11	D	3.30
46	GUNA	GUNA	S-NPP	24.76753	76.91003	13:54:11	D	2.60
47	GUNA	GUNA	S-NPP	24.79626	77.45659	13:54:11	D	4.00
48	GUNA	GUNA	S-NPP	24.82476	76.95905	13:54:11	D	3.20
49	GUNA	GUNA	S-NPP	25.05157	76.99824	13:54:11	D	8.80
50	GUNA	GUNA	S-NPP	25.05402	76.99453	13:54:11	D	10.40
51	GUNA	GUNA	S-NPP	25.05449	76.99889	13:54:11	D	10.40
52	GUNA	RAGHOGARH	S-NPP	24.43007	77.10513	13:54:11	D	4.70
53	GUNA	RAGHOGARH	S-NPP	24.54510	77.06429	13:54:11	D	3.20
54	GWALIOR	BHITARWAR	S-NPP	25.77352	78.09095	13:54:11	D	6.70
55	GWALIOR	BHITARWAR	S-NPP	25.77406	78.09622	13:54:11	D	6.70
56	GWALIOR	BHITARWAR	S-NPP	25.77460	78.10148	13:54:11	D	6.30
57	GWALIOR	BHITARWAR	S-NPP	25.91324	78.01662	13:54:11	D	5.10
58	GWALIOR	DABRA	S-NPP	25.95506	78.39899	13:54:11	D	1.70
59	HOSHANGABAD	BABAI	S-NPP	22.69113	77.96087	13:54:11	D	6.20
60	HOSHANGABAD	BABAI	S-NPP	22.80639	77.87325	13:54:11	D	5.90
61	HOSHANGABAD	HOSHANGABAD	S-NPP	22.64213	77.64214	13:54:11	D	2.50
62	HOSHANGABAD	HOSHANGABAD	S-NPP	22.64314	77.65092	13:54:11	D	6.20

63	HOSHANGABAD	HOSHANGABAD	S-NPP	22.64392	77.61967	13:54:11	D	6.00
64	HOSHANGABAD	HOSHANGABAD	S-NPP	22.64873	77.62350	13:54:11	D	6.00
65	HOSHANGABAD	HOSHANGABAD	S-NPP	22.64924	77.62787	13:54:11	D	7.70
66	HOSHANGABAD	HOSHANGABAD	S-NPP	22.65129	77.59269	13:54:11	D	2.40
67	HOSHANGABAD	HOSHANGABAD	S-NPP	22.69366	77.69897	13:54:11	D	8.90
68	HOSHANGABAD	HOSHANGABAD	S-NPP	22.70321	77.66628	13:54:11	D	5.00
69	HOSHANGABAD	ITARSI	S-NPP	22.55058	77.70067	13:54:11	D	1.40
70	HOSHANGABAD	ITARSI	S-NPP	22.55896	77.65949	13:54:11	D	2.20
71	HOSHANGABAD	ITARSI	S-NPP	22.63280	77.79189	13:54:11	D	2.10
72	HOSHANGABAD	ITARSI	S-NPP	22.66075	77.76566	13:54:11	D	6.40
73	HOSHANGABAD	SEONI MALWA	S-NPP	22.47195	77.58649	13:54:11	D	4.20
74	HOSHANGABAD	SEONI MALWA	S-NPP	22.49244	77.57510	13:54:11	D	1.40
75	HOSHANGABAD	SEONI MALWA	S-NPP	22.49623	77.57024	13:54:11	D	3.10
76	HOSHANGABAD	SEONI MALWA	S-NPP	22.52430	77.47504	13:54:11	D	1.70
77	HOSHANGABAD	SEONI MALWA	S-NPP	22.53809	77.53184	13:54:11	D	3.10
78	JABALPUR	JABALPUR	S-NPP	22.86512	79.83314	13:54:11	D	4.40
79	JABALPUR	JABALPUR	S-NPP	23.06757	80.04476	13:54:11	D	4.30
80	JABALPUR	JABALPUR	S-NPP	23.23461	79.95135	13:54:11	D	3.40
81	JABALPUR	JABALPUR	S-NPP	23.24398	79.94237	13:54:11	D	4.90
82	KATNI	BAHURIBAND	S-NPP	23.65666	80.12720	13:54:11	D	5.20
83	KATNI	MURBARA	S-NPP	23.88433	80.45760	13:54:11	D	5.20
84	MANDLA	NAINPUR	S-NPP	22.43543	80.18732	13:54:11	D	3.90
85	MANDLA	NAINPUR	S-NPP	22.51073	80.03237	13:54:11	D	3.00
86	MORENA	MORENA	S-NPP	26.34143	78.11959	13:54:11	D	6.00
87	MORENA	MORENA	S-NPP	26.34279	78.11230	13:54:11	D	5.70
88	MORENA	SABALGARH	S-NPP	26.23773	77.34879	13:54:11	D	4.00
89	RAISEN	GOHARGANJ	S-NPP	22.92971	77.54813	13:54:11	D	5.70
90	RAISEN	GOHARGANJ	S-NPP	22.98330	77.66020	13:54:11	D	2.90
91	RAISEN	GOHARGANJ	S-NPP	22.99385	77.59585	13:54:11	D	3.40
92	RAISEN	GOHARGANJ	S-NPP	23.02251	77.53848	13:54:11	D	13.40
93	RAISEN	GOHARGANJ	S-NPP	23.02301	77.54288	13:54:11	D	13.40
94	RAISEN	GOHARGANJ	S-NPP	23.05649	77.52965	13:54:11	D	8.10
95	RAISEN	GOHARGANJ	S-NPP	23.07118	77.65807	13:54:11	D	2.00

96	REWA	GURH	S-NPP	24.53488	81.57165	13:54:11	D	3.30
97	SAGAR	SAGAR	S-NPP	23.80263	78.53155	13:54:11	D	4.50
98	SEHORE	BUDHNI	S-NPP	22.74073	77.42319	13:54:11	D	2.30
99	SEHORE	BUDHNI	S-NPP	22.79914	77.93015	13:54:11	D	10.10
100	SEHORE	NASRULLAHGANJ	S-NPP	22.66065	77.40334	13:54:11	D	2.60
101	SEHORE	NASRULLAHGANJ	S-NPP	22.80172	77.39852	13:54:11	D	2.70
102	SEONI	GHANSAUR	S-NPP	22.44511	79.71992	13:54:11	D	3.40
103	SEONI	KEWLARI	S-NPP	22.27509	79.89601	13:54:11	D	9.90
104	SEONI	KEWLARI	S-NPP	22.27510	79.89503	13:54:11	D	8.70
105	SEONI	KEWLARI	S-NPP	22.27569	79.90105	13:54:11	D	10.00
106	SEONI	KEWLARI	S-NPP	22.27572	79.90202	13:54:11	D	9.90
107	SEONI	KEWLARI	S-NPP	22.32314	79.82275	13:54:11	D	8.70
108	SEONI	KEWLARI	S-NPP	22.32810	79.82217	13:54:11	D	8.70
109	SEONI	KEWLARI	S-NPP	22.39486	79.92915	13:54:11	D	6.70
110	SEONI	LAKHNADOU	S-NPP	22.33181	79.49335	13:54:11	D	3.30
111	SEONI	LAKHNADOU	S-NPP	22.36714	79.45468	13:54:11	D	9.30
112	SEONI	LAKHNADOU	S-NPP	22.39207	79.65066	13:54:11	D	5.70
113	SEONI	SEONI	S-NPP	22.06256	79.54652	13:54:11	D	3.30
114	SEONI	SEONI	S-NPP	22.08990	79.52625	13:54:11	D	5.00
115	SEONI	SEONI	S-NPP	22.09646	79.68334	13:54:11	D	4.60
116	SEONI	SEONI	S-NPP	22.18843	79.35873	13:54:11	D	4.20
117	SEONI	SEONI	S-NPP	22.19021	79.37543	13:54:11	D	7.50
118	SEONI	SEONI	S-NPP	22.24267	79.77849	13:54:11	D	8.00
119	SEONI	SEONI	S-NPP	22.24352	79.77730	13:54:11	D	10.80
120	SHEOPUR	KARAHAL	S-NPP	25.44223	76.78913	13:54:11	D	8.90
121	SHEOPUR	KARAHAL	S-NPP	25.82844	76.76962	13:54:11	D	3.50
122	SHEOPUR	SHEOPUR	AQUA	25.43400	76.66600	14:25:55	D	19.30
123	SHEOPUR	SHEOPUR	AQUA	25.43600	76.68500	14:25:55	D	37.70
124	SHEOPUR	SHEOPUR	AQUA	25.48600	76.65400	14:25:55	D	19.60
125	SHEOPUR	SHEOPUR	AQUA	25.53200	76.56400	14:25:55	D	21.40
126	SHEOPUR	SHEOPUR	AQUA	25.53300	76.74600	14:25:55	D	51.70
127	SHEOPUR	SHEOPUR	AQUA	25.53400	76.58300	14:25:55	D	25.10
128	SHEOPUR	SHEOPUR	AQUA	25.53900	76.57000	14:25:55	D	30.90

129	SHEOPUR	SHEOPUR	AQUA	25.54400	76.56200	14:25:55	D	27.30
130	SHEOPUR	SHEOPUR	AQUA	25.54600	76.58100	14:25:55	D	51.40
131	SHEOPUR	SHEOPUR	AQUA	25.55100	76.56900	14:25:55	D	90.00
132	SHEOPUR	SHEOPUR	AQUA	25.55600	76.56100	14:25:55	D	18.30
133	SHEOPUR	SHEOPUR	AQUA	25.58000	76.67400	14:25:55	D	45.20
134	SHEOPUR	SHEOPUR	AQUA	25.58200	76.69300	14:25:55	D	18.60
135	SHEOPUR	SHEOPUR	AQUA	25.72300	76.71000	14:25:55	D	12.60
136	SHEOPUR	SHEOPUR	AQUA	25.72800	76.70300	14:25:55	D	20.30
137	SHEOPUR	SHEOPUR	AQUA	25.73300	76.68900	14:25:55	D	16.90
138	SHEOPUR	SHEOPUR	S-NPP	25.40377	76.63846	13:54:11	D	20.30
139	SHEOPUR	SHEOPUR	S-NPP	25.40663	76.66384	13:54:11	D	5.50
140	SHEOPUR	SHEOPUR	S-NPP	25.40797	76.63791	13:54:11	D	13.90
141	SHEOPUR	SHEOPUR	S-NPP	25.43224	76.66125	13:54:11	D	4.50
142	SHEOPUR	SHEOPUR	S-NPP	25.43237	76.66479	13:54:11	D	7.70
143	SHEOPUR	SHEOPUR	S-NPP	25.43270	76.66550	13:54:11	D	4.50
144	SHEOPUR	SHEOPUR	S-NPP	25.43852	76.68122	13:54:11	D	6.40
145	SHEOPUR	SHEOPUR	S-NPP	25.43874	76.68195	13:54:11	D	5.60
146	SHEOPUR	SHEOPUR	S-NPP	25.44225	76.67641	13:54:11	D	6.40
147	SHEOPUR	SHEOPUR	S-NPP	25.44249	76.67713	13:54:11	D	8.90
148	SHEOPUR	SHEOPUR	S-NPP	25.44274	76.68066	13:54:11	D	6.40
149	SHEOPUR	SHEOPUR	S-NPP	25.44295	76.68138	13:54:11	D	8.90
150	SHEOPUR	SHEOPUR	S-NPP	25.44322	76.68491	13:54:11	D	15.90
151	SHEOPUR	SHEOPUR	S-NPP	25.44469	76.69767	13:54:11	D	2.00
152	SHEOPUR	SHEOPUR	S-NPP	25.44479	76.69843	13:54:11	D	3.80
153	SHEOPUR	SHEOPUR	S-NPP	25.44671	76.67656	13:54:11	D	8.90
154	SHEOPUR	SHEOPUR	S-NPP	25.44717	76.68081	13:54:11	D	8.90
155	SHEOPUR	SHEOPUR	S-NPP	25.45709	76.57648	13:54:11	D	3.40
156	SHEOPUR	SHEOPUR	S-NPP	25.45755	76.58067	13:54:11	D	4.10
157	SHEOPUR	SHEOPUR	S-NPP	25.46301	76.74804	13:54:11	D	4.20
158	SHEOPUR	SHEOPUR	S-NPP	25.47106	76.62597	13:54:11	D	4.60
159	SHEOPUR	SHEOPUR	S-NPP	25.47293	76.68173	13:54:11	D	2.00
160	SHEOPUR	SHEOPUR	S-NPP	25.47527	76.62542	13:54:11	D	4.60
161	SHEOPUR	SHEOPUR	S-NPP	25.49492	76.64864	13:54:11	D	18.00

162	SHEOPUR	SHEOPUR	S-NPP	25.49662	76.55001	13:54:11	D	3.80
163	SHEOPUR	SHEOPUR	S-NPP	25.50297	76.72108	13:54:11	D	4.50
164	SHEOPUR	SHEOPUR	S-NPP	25.50625	76.71196	13:54:11	D	8.20
165	SHEOPUR	SHEOPUR	S-NPP	25.50720	76.72053	13:54:11	D	10.20
166	SHEOPUR	SHEOPUR	S-NPP	25.50761	76.68580	13:54:11	D	6.30
167	SHEOPUR	SHEOPUR	S-NPP	25.52412	76.56764	13:54:11	D	2.60
168	SHEOPUR	SHEOPUR	S-NPP	25.52831	76.56710	13:54:11	D	2.60
169	SHEOPUR	SHEOPUR	S-NPP	25.53548	76.74295	13:54:11	D	38.80
170	SHEOPUR	SHEOPUR	S-NPP	25.53971	76.74239	13:54:11	D	38.80
171	SHEOPUR	SHEOPUR	S-NPP	25.54346	76.73754	13:54:11	D	7.30
172	SHEOPUR	SHEOPUR	S-NPP	25.55260	76.71062	13:54:11	D	4.70
173	SHEOPUR	SHEOPUR	S-NPP	25.55323	76.71017	13:54:11	D	3.80
174	SHEOPUR	SHEOPUR	S-NPP	25.55516	76.57655	13:54:11	D	6.20
175	SHEOPUR	SHEOPUR	S-NPP	25.55936	76.57600	13:54:11	D	6.20
176	SHEOPUR	SHEOPUR	S-NPP	25.56146	76.75323	13:54:11	D	4.00
177	SHEOPUR	SHEOPUR	S-NPP	25.57378	76.62982	13:54:11	D	5.40
178	SHEOPUR	SHEOPUR	S-NPP	25.57519	76.60384	13:54:11	D	4.50
179	SHEOPUR	SHEOPUR	S-NPP	25.57704	76.69874	13:54:11	D	21.70
180	SHEOPUR	SHEOPUR	S-NPP	25.57707	76.58219	13:54:11	D	7.70
181	SHEOPUR	SHEOPUR	S-NPP	25.57846	76.59483	13:54:11	D	4.80
182	SHEOPUR	SHEOPUR	S-NPP	25.58547	76.61964	13:54:11	D	1.80
183	SHEOPUR	SHEOPUR	S-NPP	25.58597	76.70193	13:54:11	D	8.60
184	SHEOPUR	SHEOPUR	S-NPP	25.62190	76.60202	13:54:11	D	2.90
185	SHEOPUR	SHEOPUR	S-NPP	25.62862	76.66154	13:54:11	D	6.20
186	SHEOPUR	SHEOPUR	S-NPP	25.63389	76.55760	13:54:11	D	3.80
187	SHEOPUR	SHEOPUR	S-NPP	25.63464	76.55828	13:54:11	D	3.10
188	SHEOPUR	SHEOPUR	S-NPP	25.63828	76.59213	13:54:11	D	3.30
189	SHEOPUR	SHEOPUR	S-NPP	25.64065	76.61677	13:54:11	D	4.60
190	SHEOPUR	SHEOPUR	S-NPP	25.64100	76.61756	13:54:11	D	5.40
191	SHEOPUR	SHEOPUR	S-NPP	25.64421	76.68567	13:54:11	D	5.80
192	SHEOPUR	SHEOPUR	S-NPP	25.65071	76.66830	13:54:11	D	8.20
193	SHEOPUR	SHEOPUR	S-NPP	25.65119	76.67169	13:54:11	D	8.40
194	SHEOPUR	SHEOPUR	S-NPP	25.65830	76.61955	13:54:11	D	3.10



195	SHEOPUR	SHEOPUR	S-NPP	25.66159	76.61052	13:54:11	D	7.90
196	SHEOPUR	SHEOPUR	S-NPP	25.67379	76.52742	13:54:11	D	4.00
197	SHEOPUR	SHEOPUR	S-NPP	25.72330	76.58952	13:54:11	D	5.20
198	SHEOPUR	SHEOPUR	S-NPP	25.72378	76.59376	13:54:11	D	5.20
199	SHEOPUR	SHEOPUR	S-NPP	25.72589	76.68903	13:54:11	D	3.60
200	SHEOPUR	SHEOPUR	S-NPP	25.73301	76.71439	13:54:11	D	10.10
201	SHEOPUR	SHEOPUR	S-NPP	25.74755	76.61794	13:54:11	D	5.40
202	SHEOPUR	SHEOPUR	S-NPP	25.74819	76.62070	13:54:11	D	6.40
203	SHEOPUR	SHEOPUR	S-NPP	25.75397	76.67822	13:54:11	D	2.80
204	SHEOPUR	SHEOPUR	S-NPP	25.75503	76.68090	13:54:11	D	2.40
205	SHEOPUR	SHEOPUR	S-NPP	25.75552	76.68520	13:54:11	D	2.40
206	SHEOPUR	SHEOPUR	S-NPP	25.75581	76.69550	13:54:11	D	3.50
207	SHEOPUR	SHEOPUR	S-NPP	25.77141	76.64094	13:54:11	D	3.50
208	SHEOPUR	SHEOPUR	S-NPP	25.78736	76.66940	13:54:11	D	7.30
209	SHEOPUR	SHEOPUR	S-NPP	25.81754	76.74896	13:54:11	D	2.20
210	SHEOPUR	SHEOPUR	S-NPP	25.82976	76.70335	13:54:11	D	15.20
211	SHEOPUR	SHEOPUR	S-NPP	25.83399	76.70277	13:54:11	D	3.50
212	SHEOPUR	SHEOPUR	S-NPP	25.87074	76.69016	13:54:11	D	6.50
213	SHEOPUR	SHEOPUR	S-NPP	25.87120	76.68920	13:54:11	D	10.00
214	SHEOPUR	SHEOPUR	S-NPP	25.87169	76.69353	13:54:11	D	4.30
215	SHEOPUR	SHEOPUR	S-NPP	25.87498	76.68961	13:54:11	D	6.50
216	SHEOPUR	SHEOPUR	S-NPP	25.88631	76.67494	13:54:11	D	3.70
217	SHEOPUR	SHEOPUR	S-NPP	25.88820	76.65270	13:54:11	D	16.80
218	SHEOPUR	SHEOPUR	S-NPP	25.89902	76.67328	13:54:11	D	3.70
219	SHEOPUR	SHEOPUR	S-NPP	25.91270	76.79984	13:54:11	D	4.50
220	SHIVPURI	KOLARAS	S-NPP	24.94957	77.68465	13:54:11	D	2.60
221	SHIVPURI	KOLARAS	S-NPP	25.03226	77.63208	13:54:11	D	1.30
222	VIDESHA	SIRANJ	S-NPP	24.23824	77.47677	13:54:11	D	3.70
223	VIDESHA	SIRANJ	S-NPP	24.23915	77.47805	13:54:11	D	3.00
224	WEST NIMAR	BARWAH	S-NPP	22.12877	75.81648	13:54:11	D	3.20

**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](#)

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