



**Bulletin  
No. 39**

**Events Date:  
23-Oct-2021**

**Issued on:  
23-Oct-2021**



# **MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2021**



**Prepared by:**

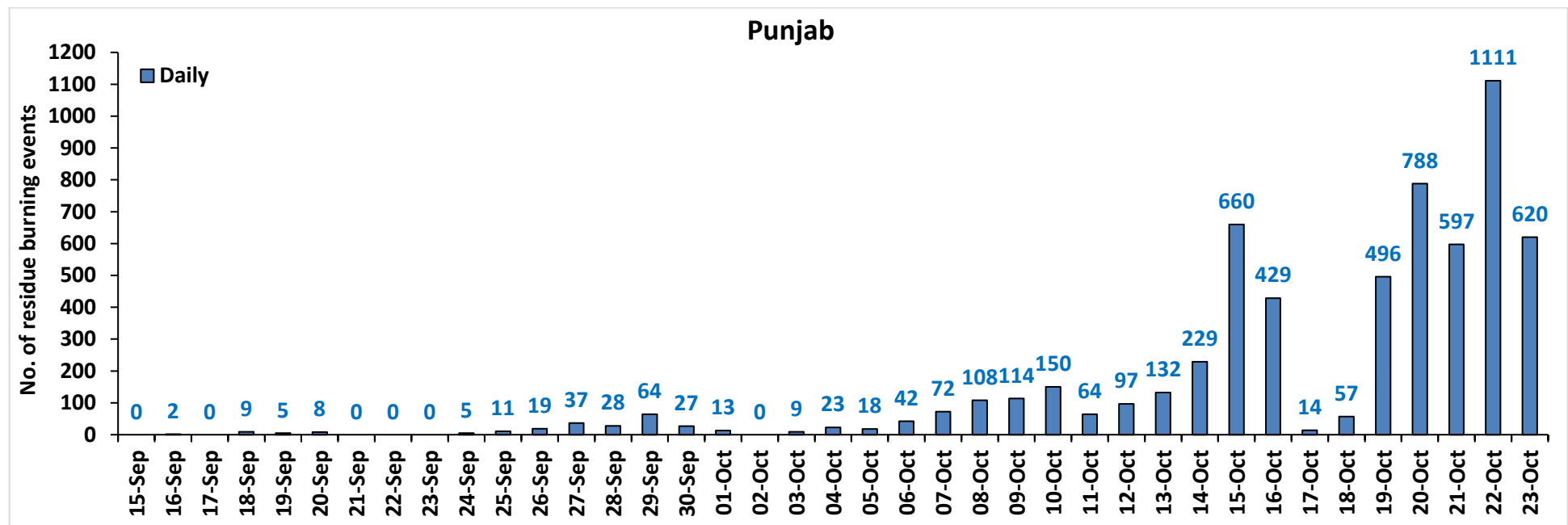
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

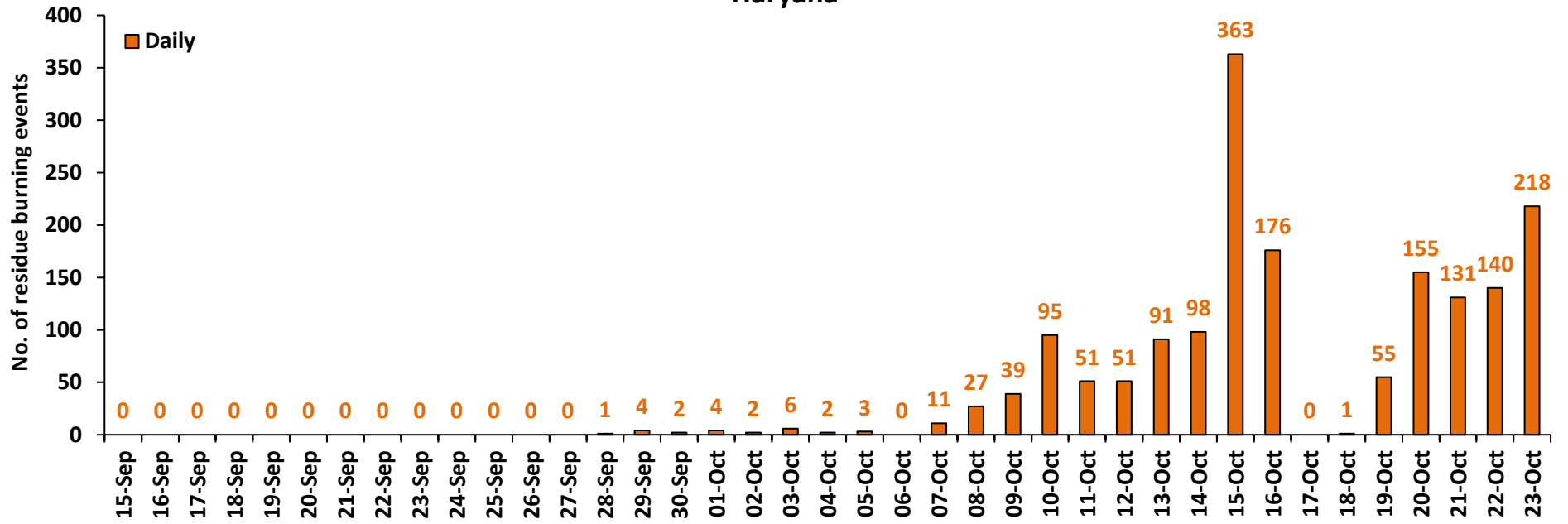
### Highlights for 23-October-2021

- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the new "Standard Protocol for Estimation of Crop Residue Burning Fire Events using Satellite Data".
- Satellites detected **885** residue burning events in the six study States on 23-Oct-2021.
- The state wise events detected on 23-Oct-2021 were **620** in Punjab, **218** in Haryana, **8** in UP, **0** in Delhi, **7** in Rajasthan and **32** in MP.
- The number of events has decreased from **1288** on 22-Oct-2021 to **885** on 23-Oct-2021 in the six study states.
- Total **8675** burning events were detected in the six states between 15-Sept-2021 and 23-Oct-2021, which are distributed as **6058**, **1726**, **642**, **0**, **52** and **197** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.
- Overall, the total burning events recorded in the six states are **50.6%** less than in 2020 till date. Punjab recorded **56.4%** reduction, Haryana recorded **10.6%** increase, UP recorded **4.7%** reduction, Delhi recorded **100%** reduction, Rajasthan recorded **87.4%** reduction and MP recorded **80.8%** reduction, in the current season than in 2020.

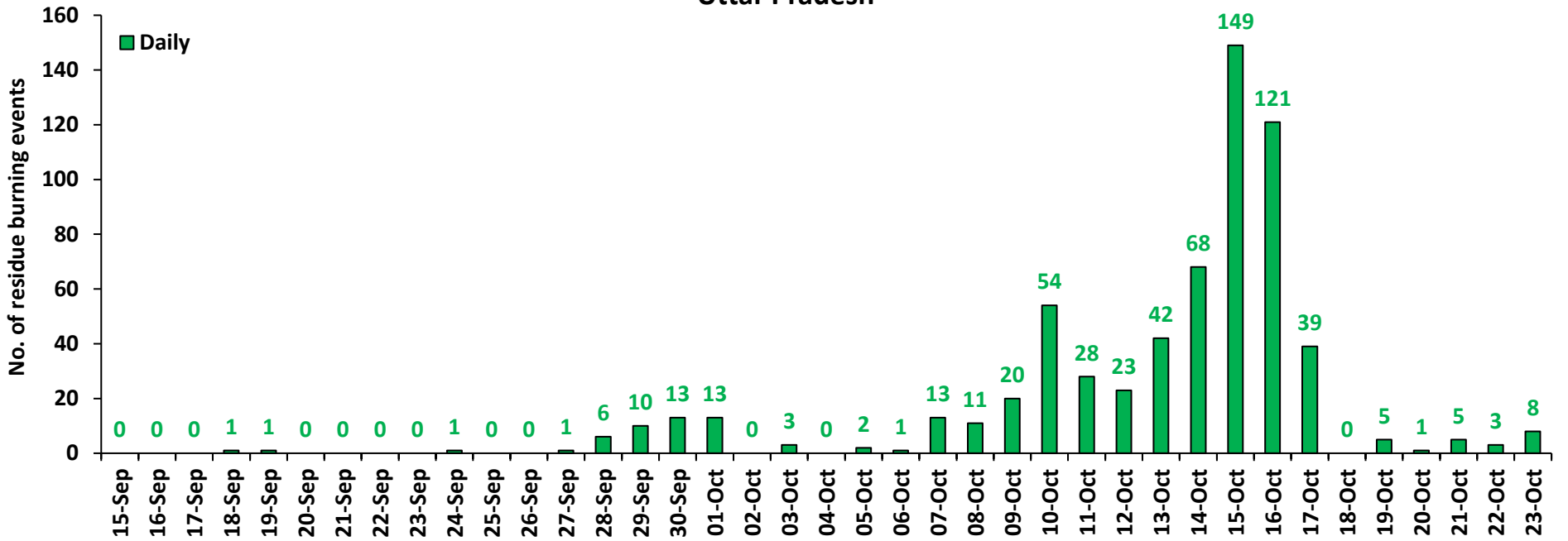
### Temporal distribution of rice residue burning events for the study States in 2021



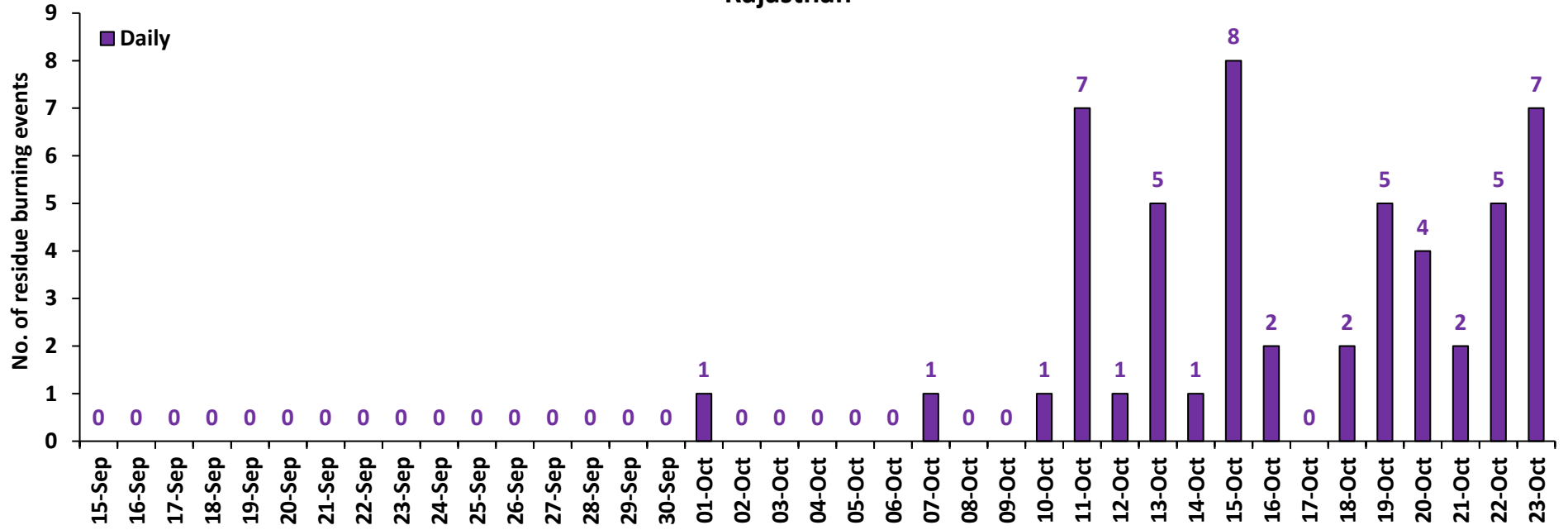
### Haryana



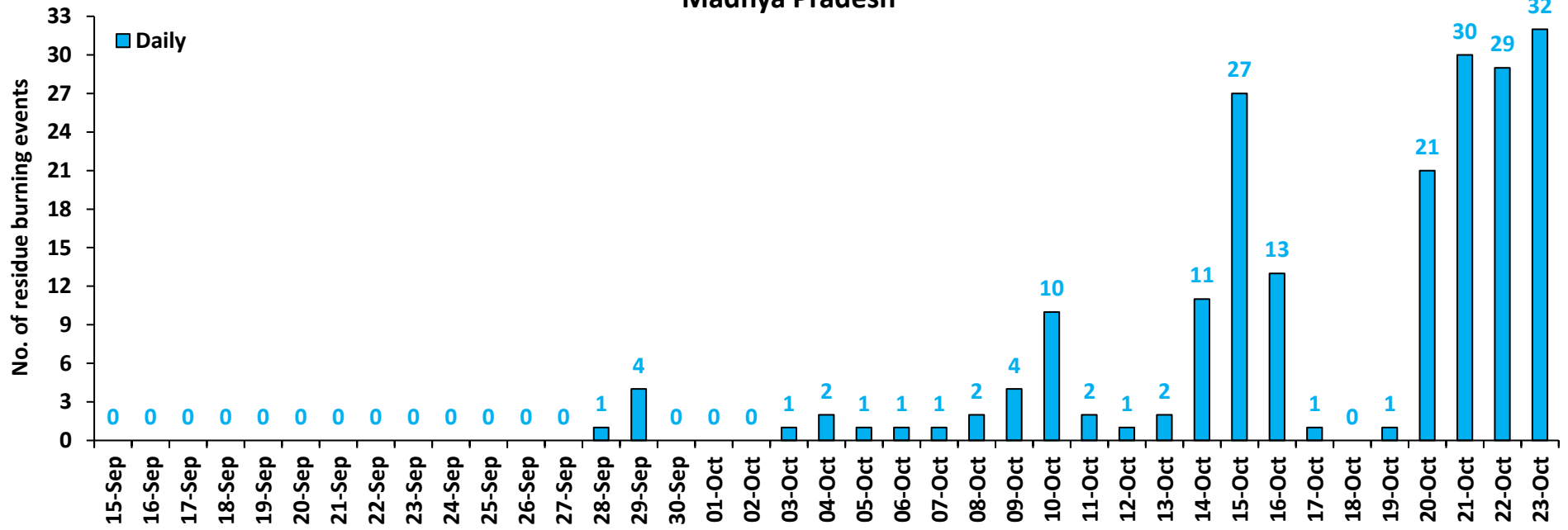
### Uttar Pradesh



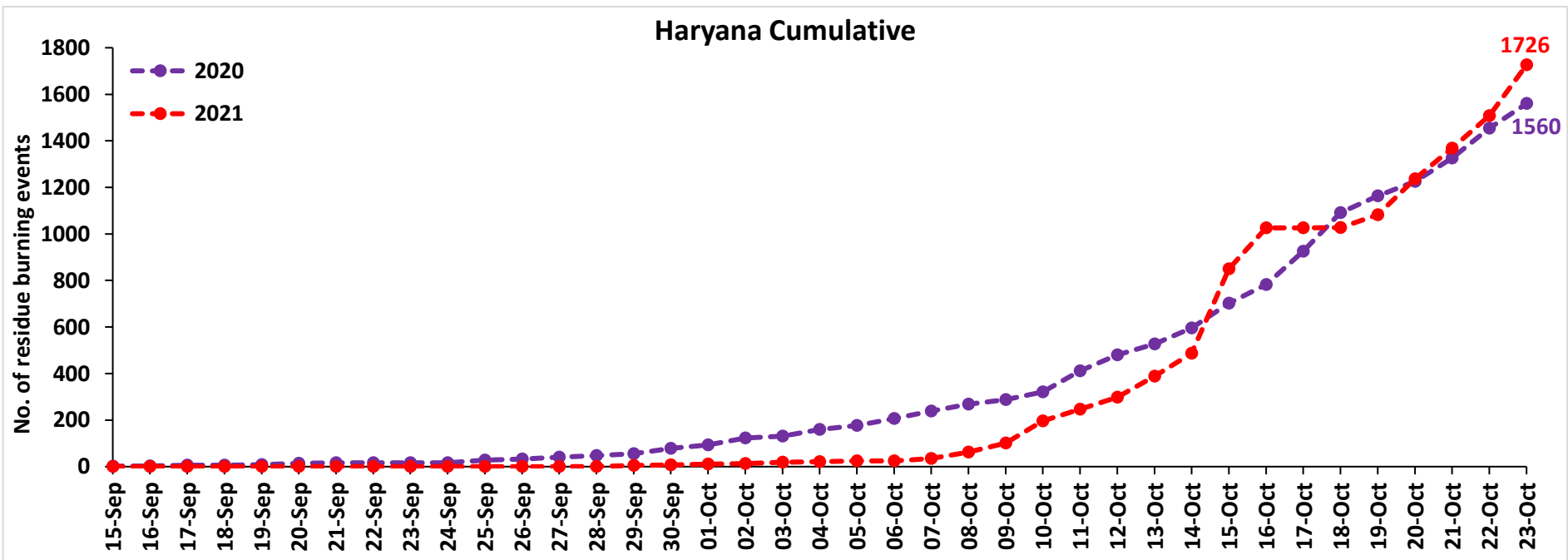
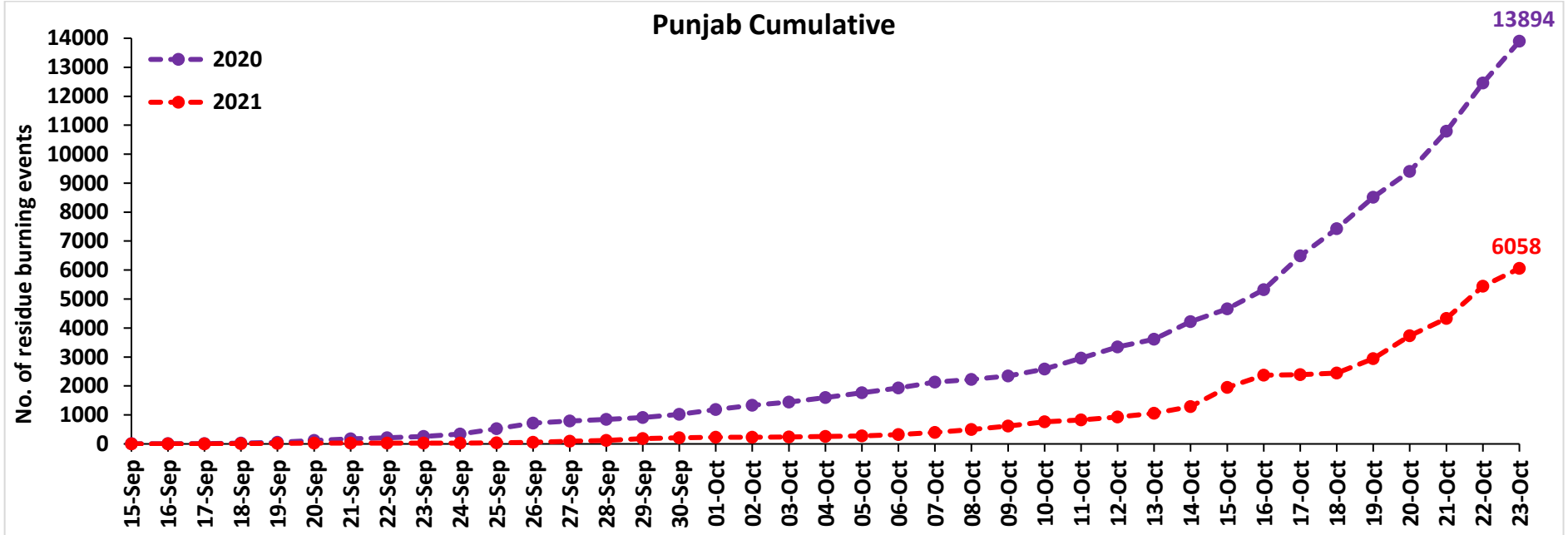
### Rajasthan



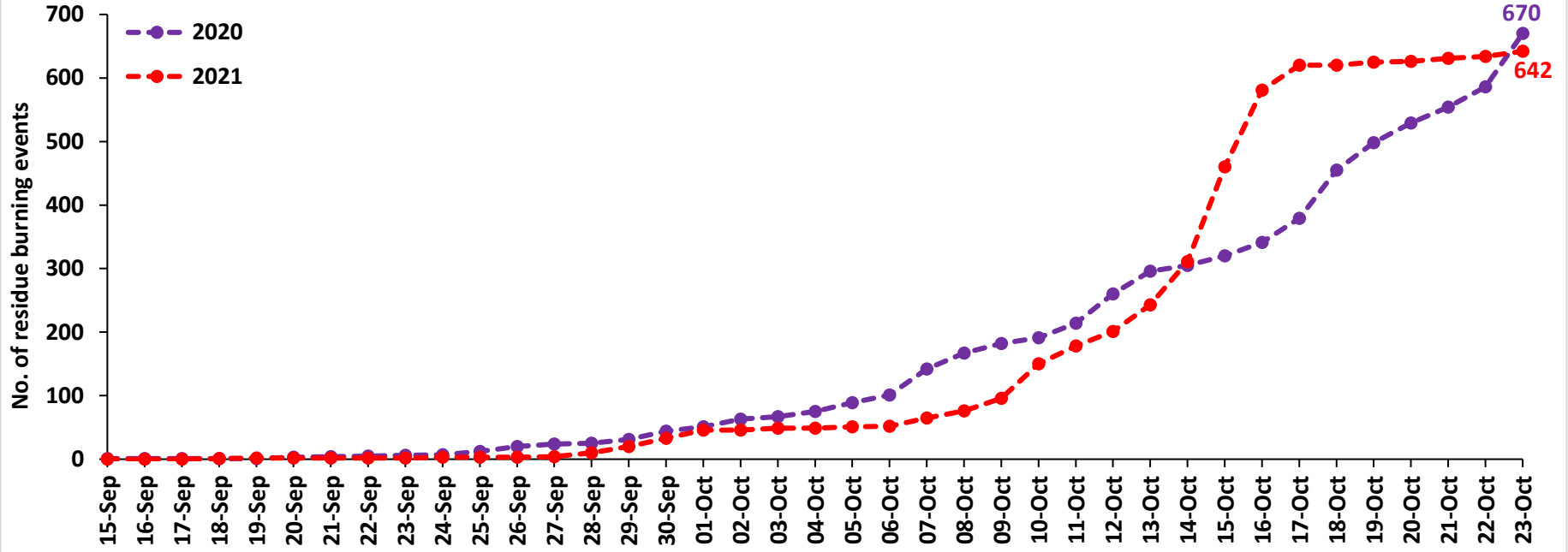
### Madhya Pradesh



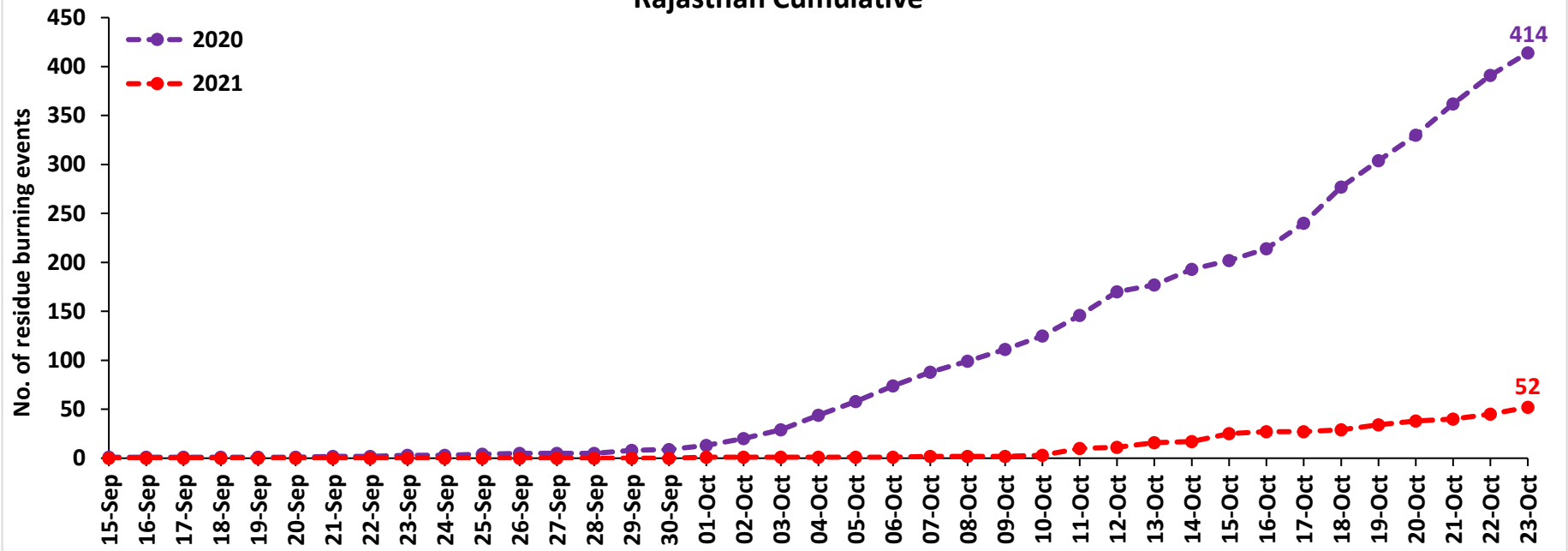
**Comparison of residue burning events in current year (2021) with previous year (2020) for the study States**



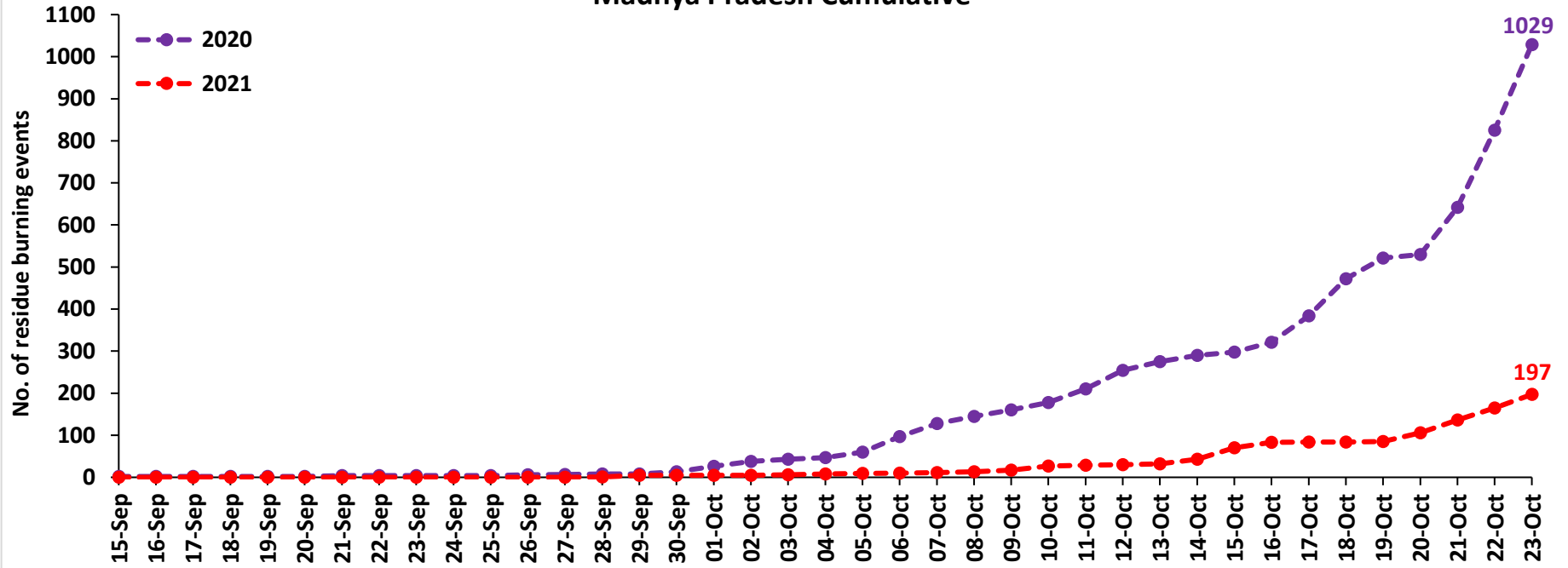
### Uttar Pradesh Cumulative



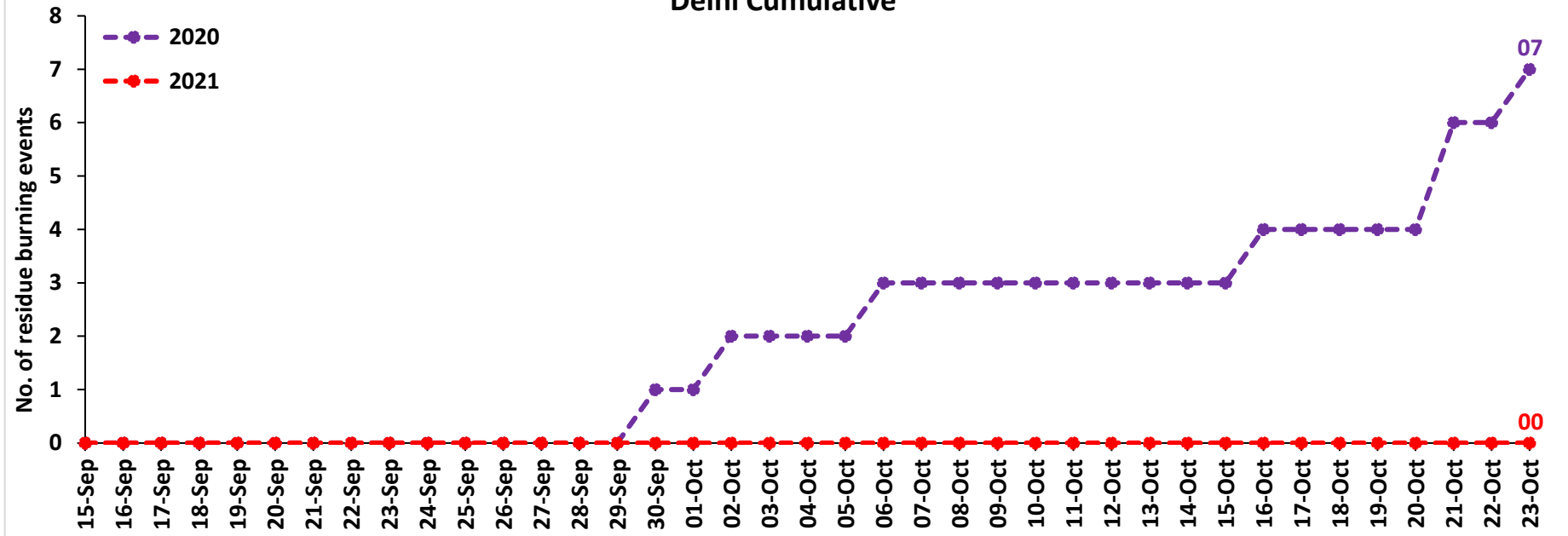
### Rajasthan Cumulative



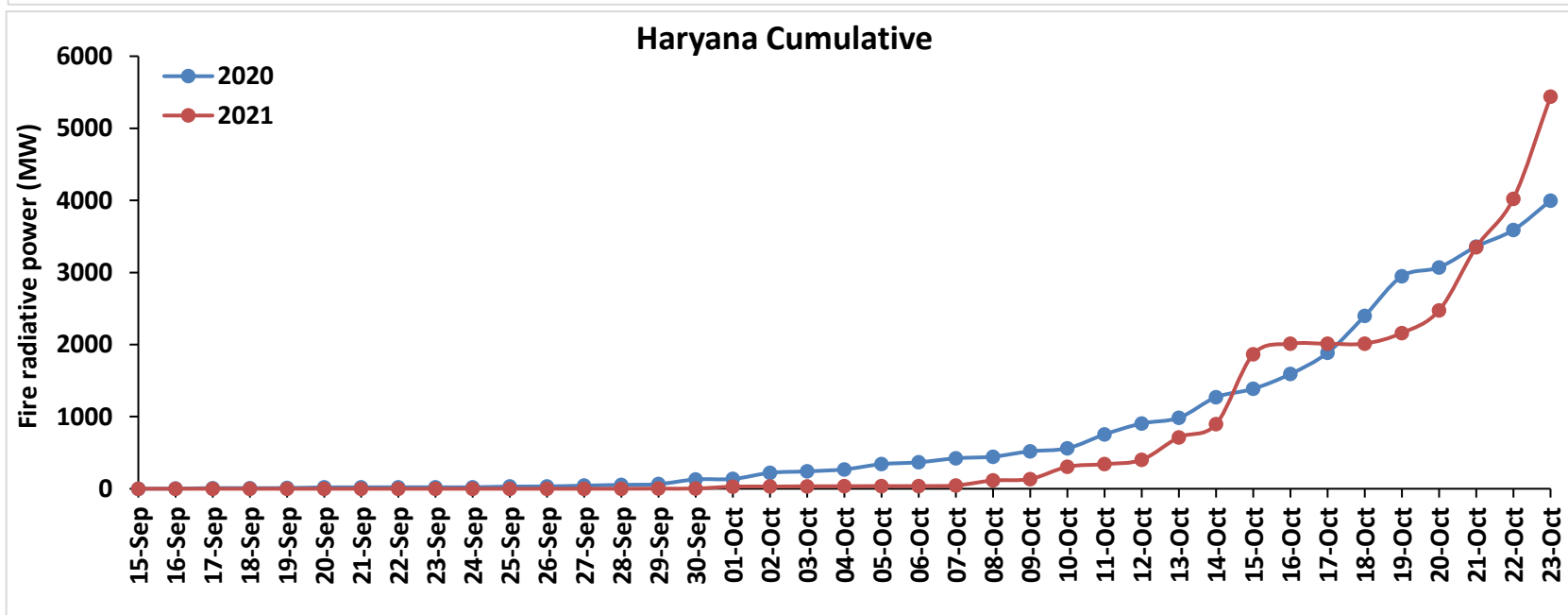
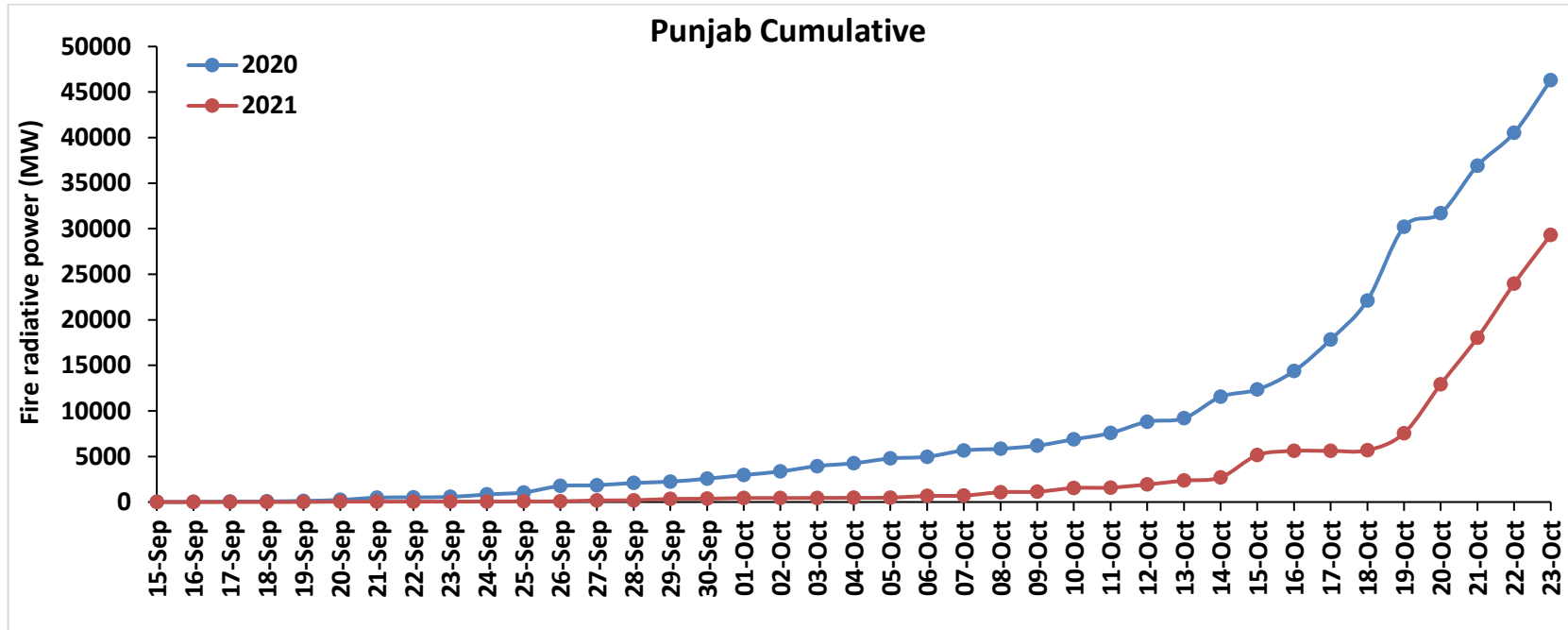
### Madhya Pradesh Cumulative



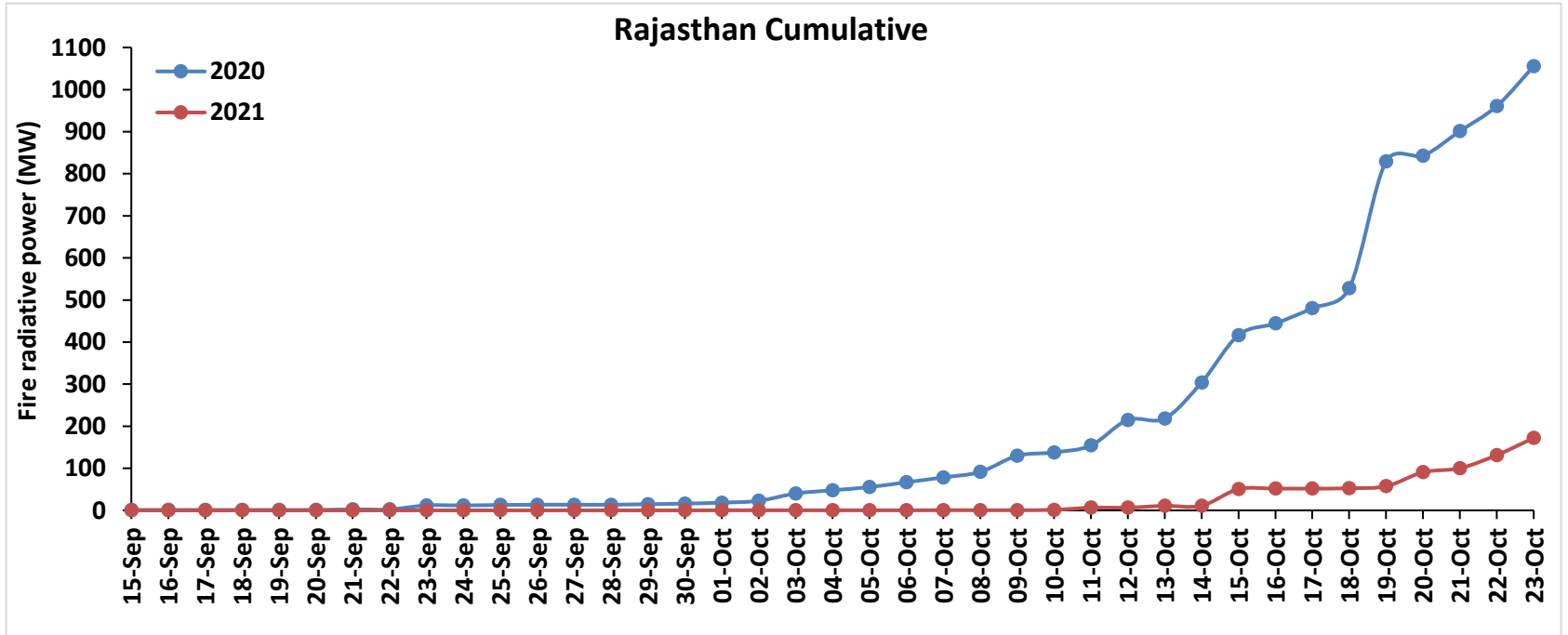
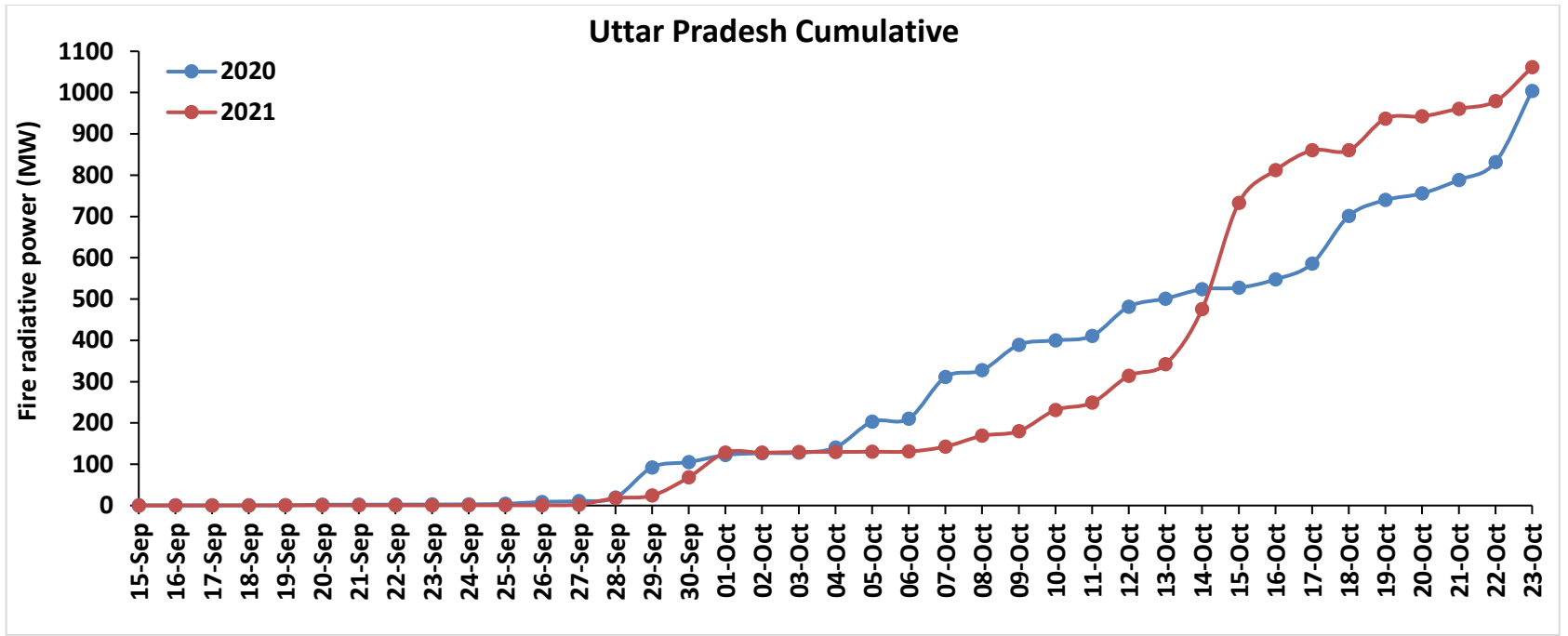
### Delhi Cumulative

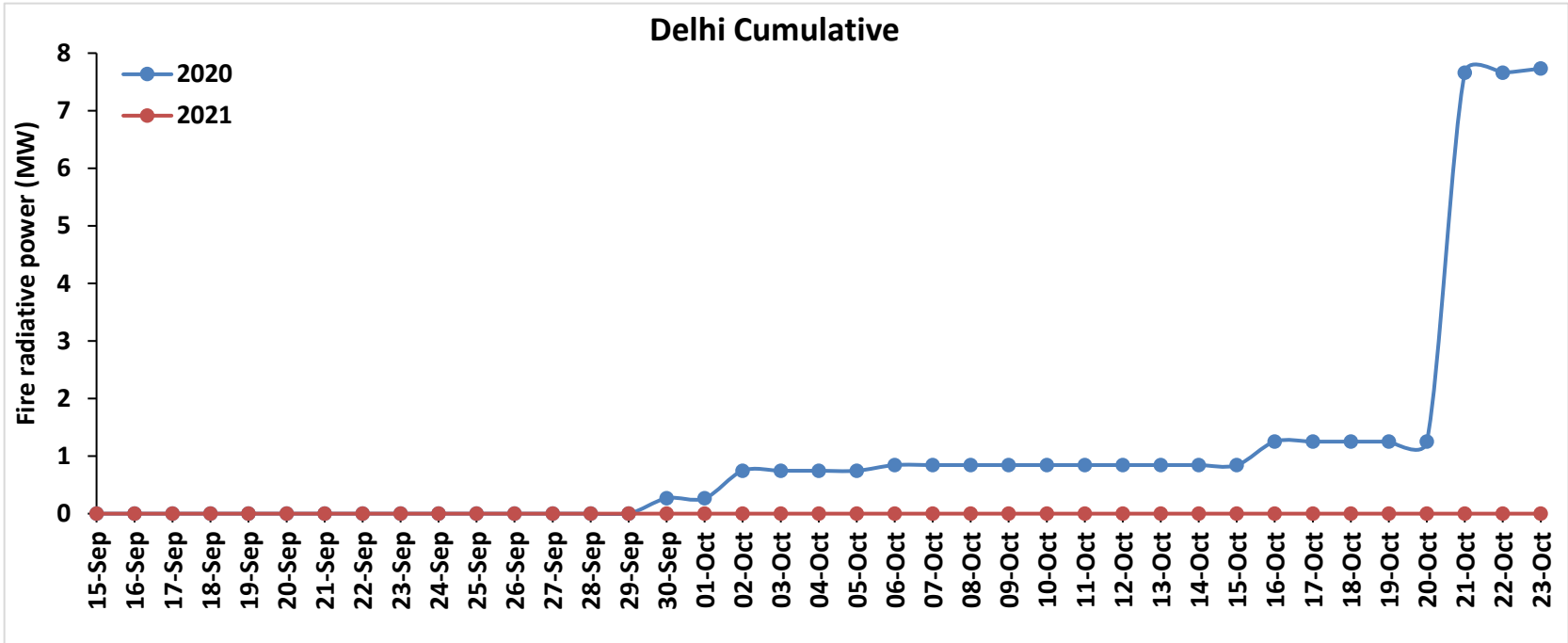
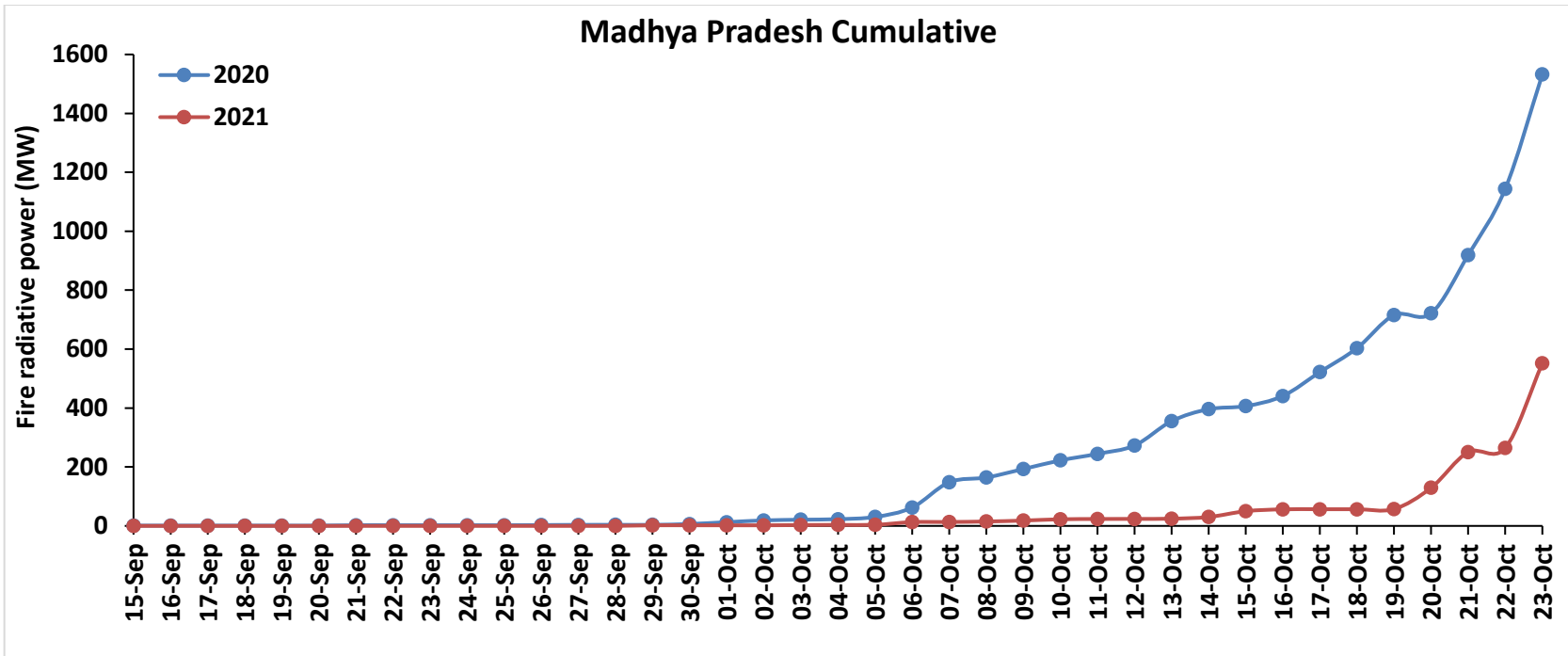


**Comparison of residue burning fire power in current year (2021) with previous year (2020) for the study States**



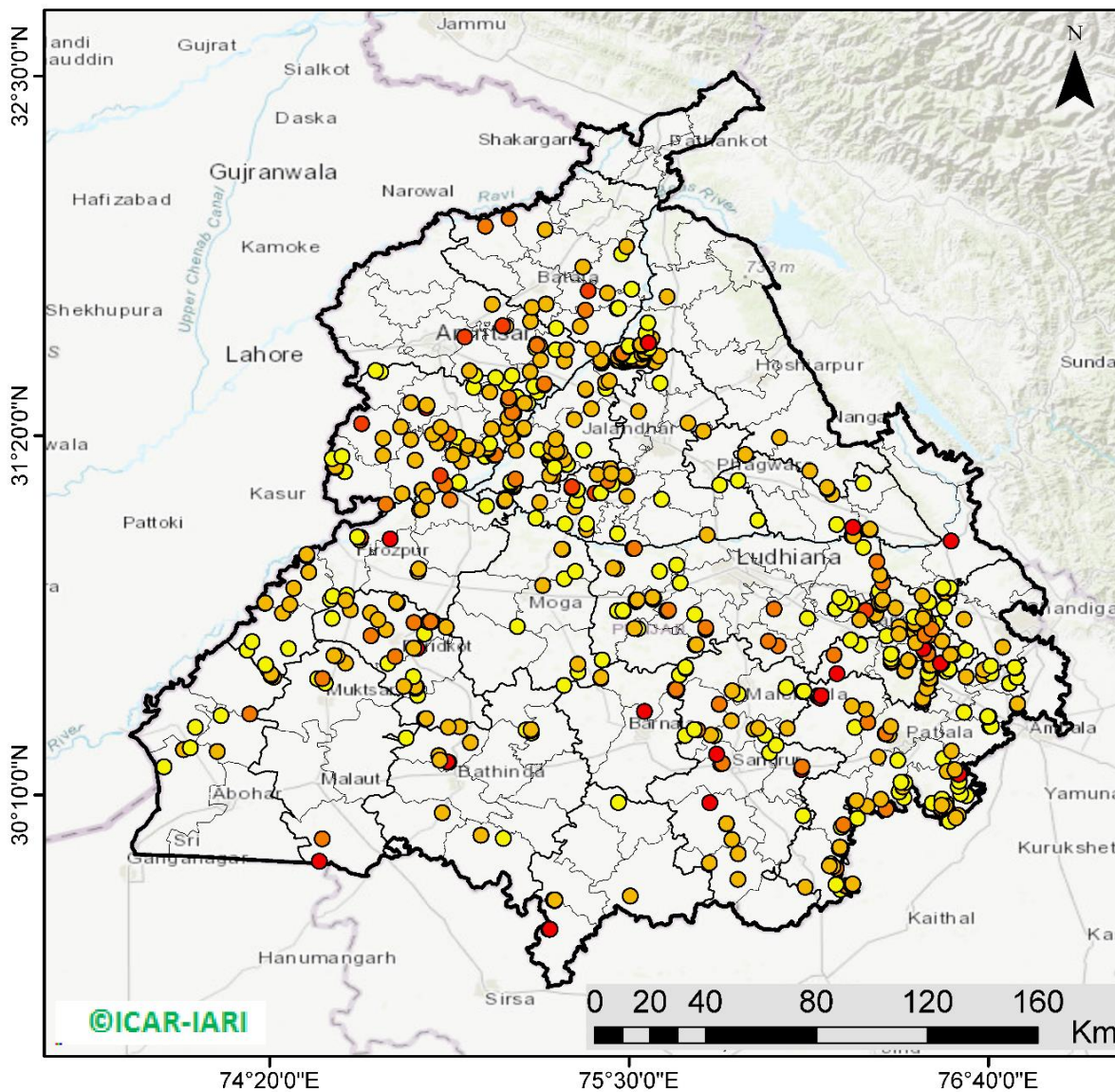






# Punjab

## RICE RESIDUE BURNING IN PUNJAB



**620** burning events detected in Punjab on 23rd October 2021

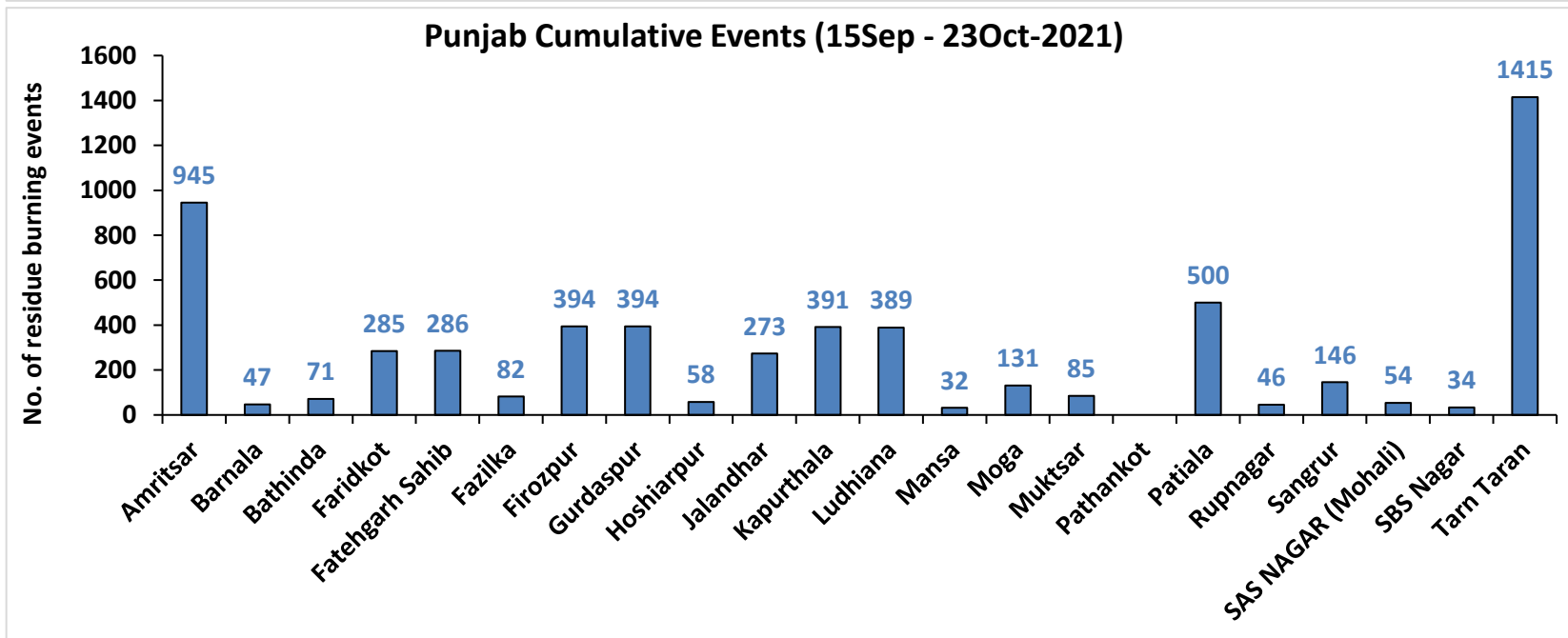
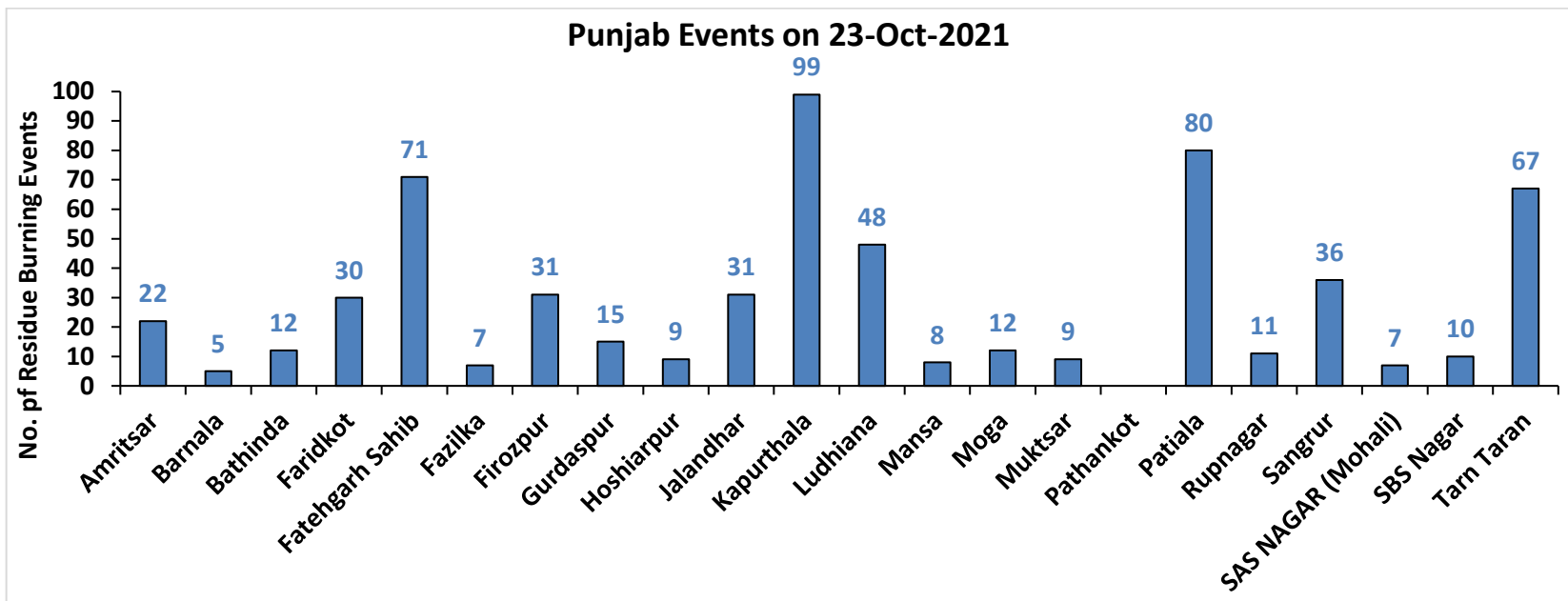
### Fire Intensity (W/m<sup>2</sup>)

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



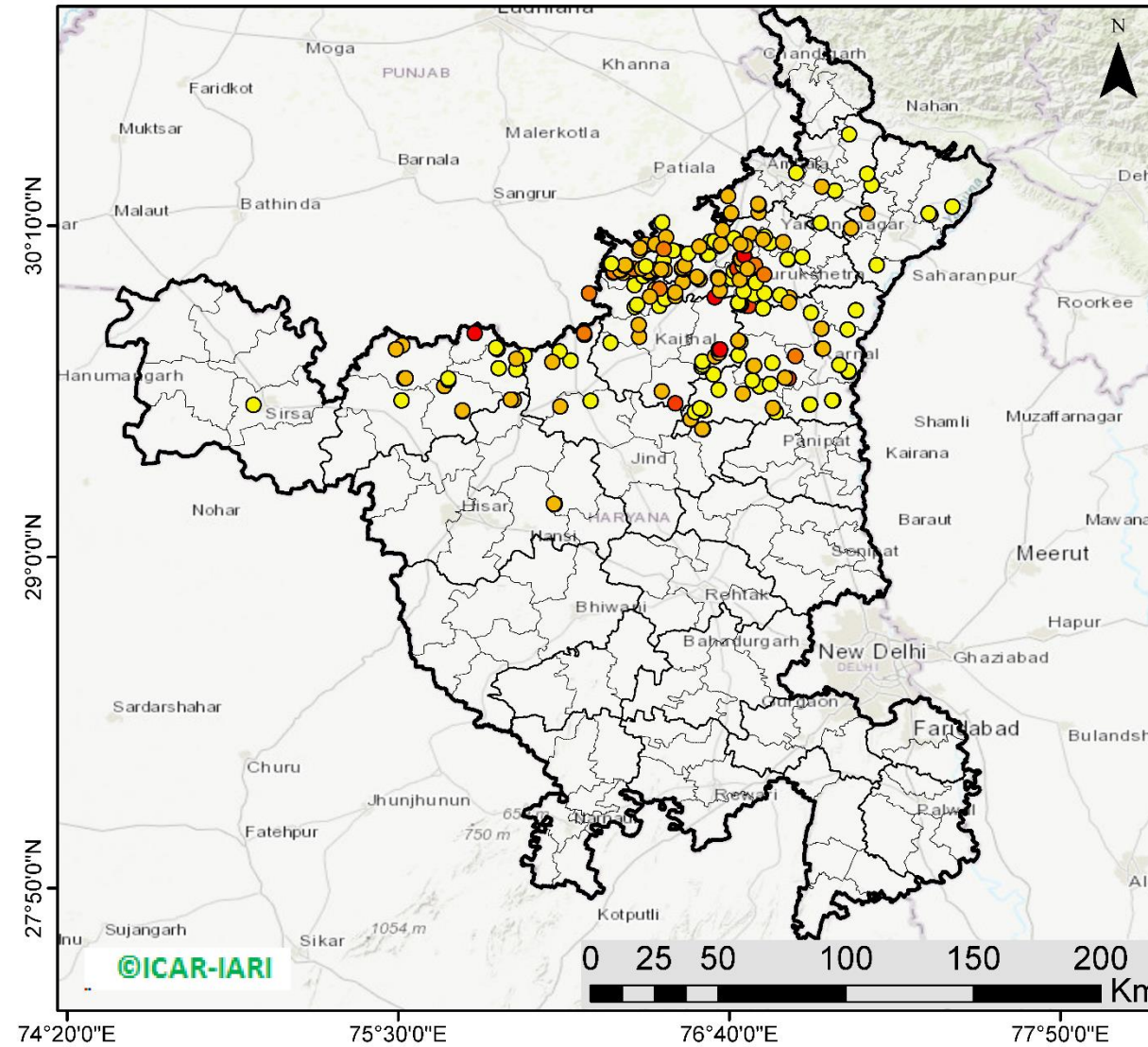
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

## District-wise cumulative number of residues burning events in Punjab (15Sep – 23 Oct-2021)



# Haryana

## RICE RESIDUE BURNING IN HARYANA



**218** burning events detected in Haryana on 23rd October 2021

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

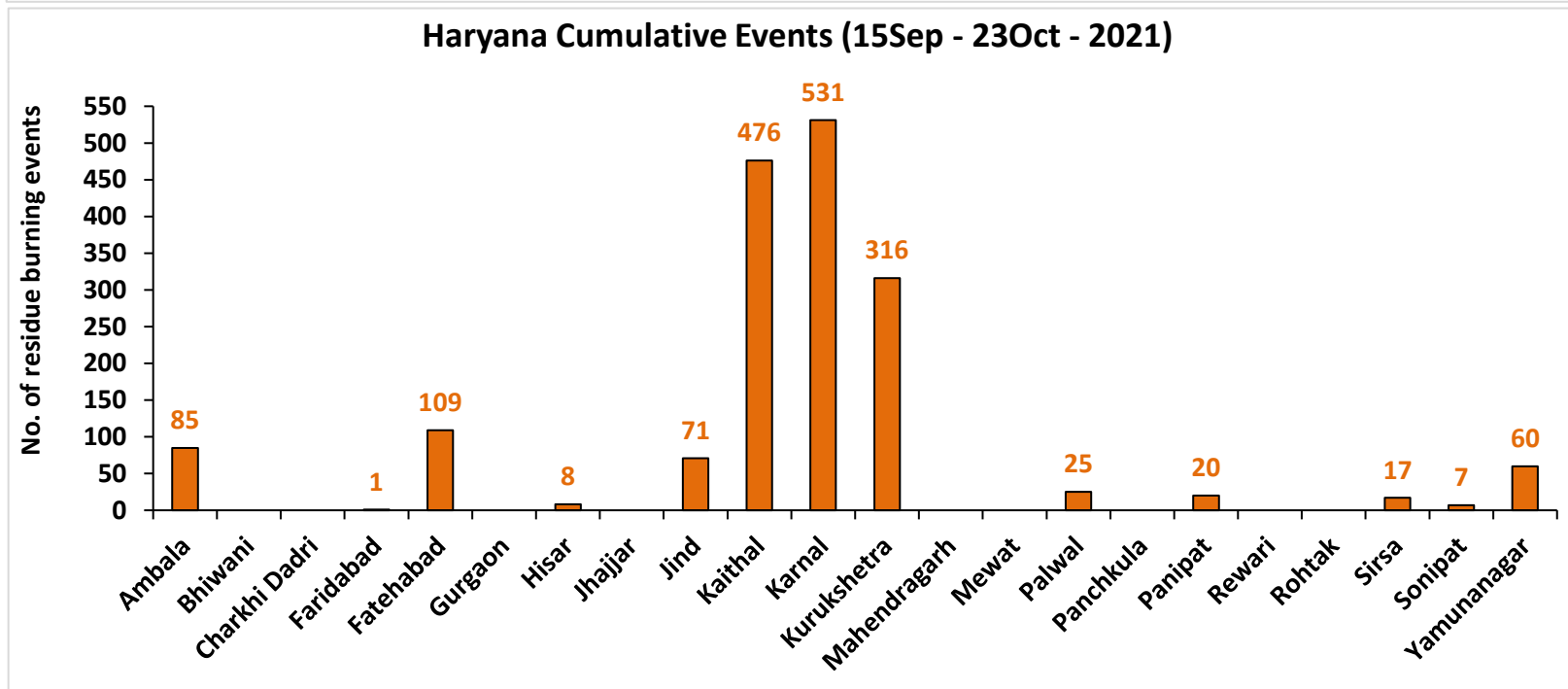
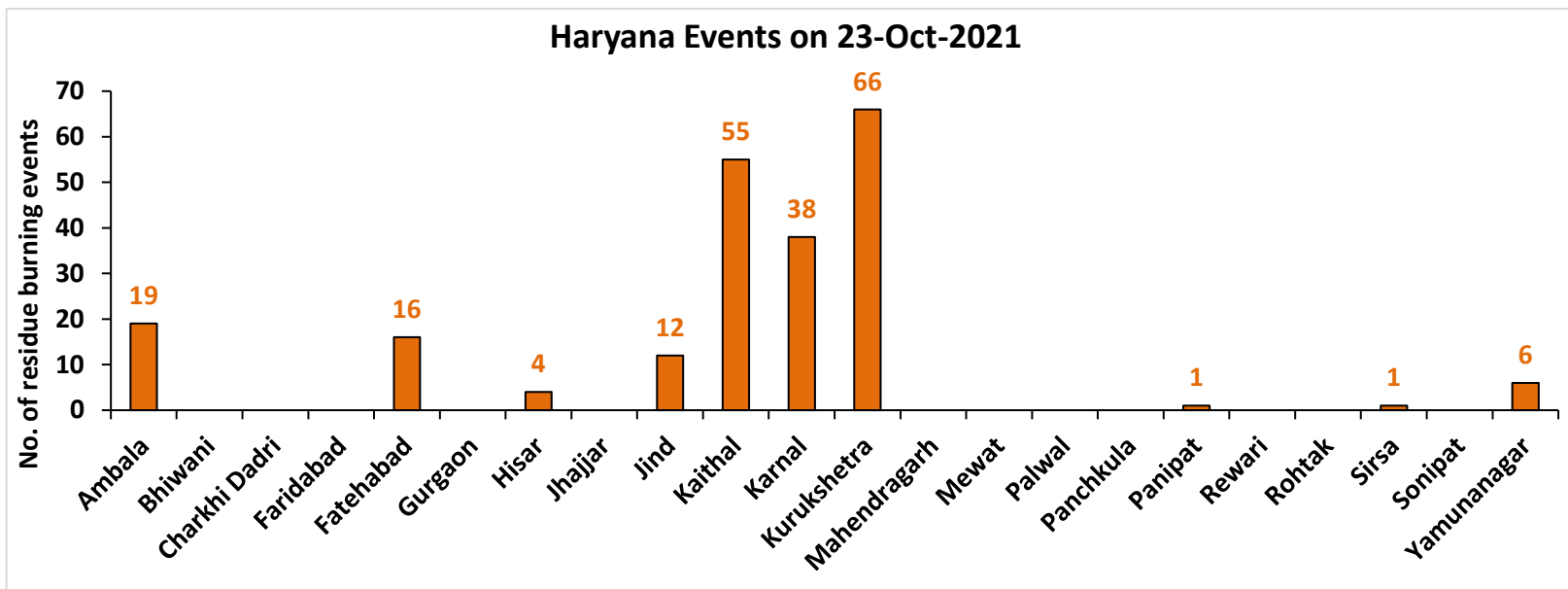
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



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

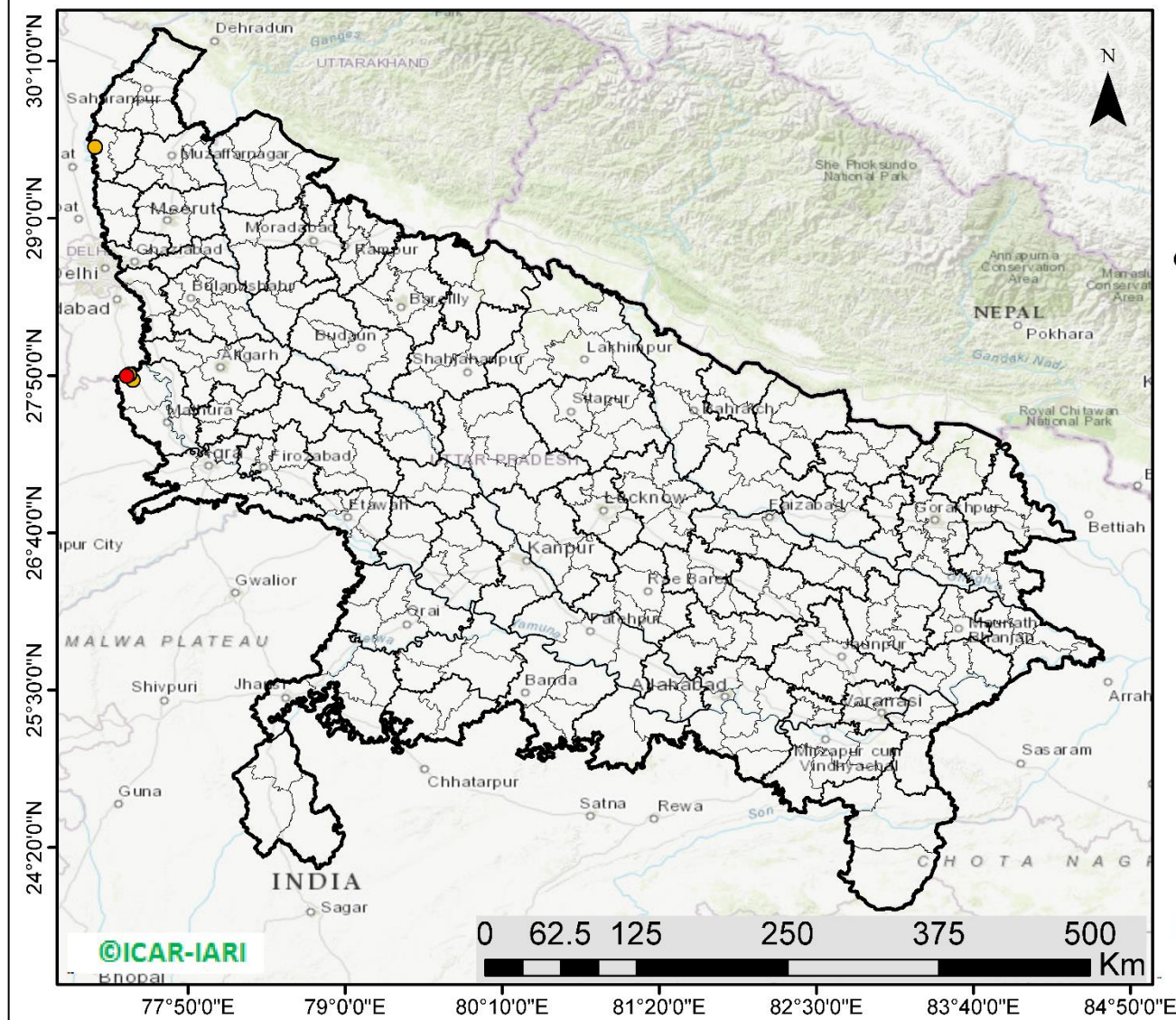


## District-wise cumulative number of residues burning events in Haryana (15 Sep - 23 Oct-2021)



## Uttar Pradesh

### RICE RESIDUE BURNING IN UTTAR PRADESH



**08** burning events  
detected in Uttar Pradesh on  
**23rd October 2021**

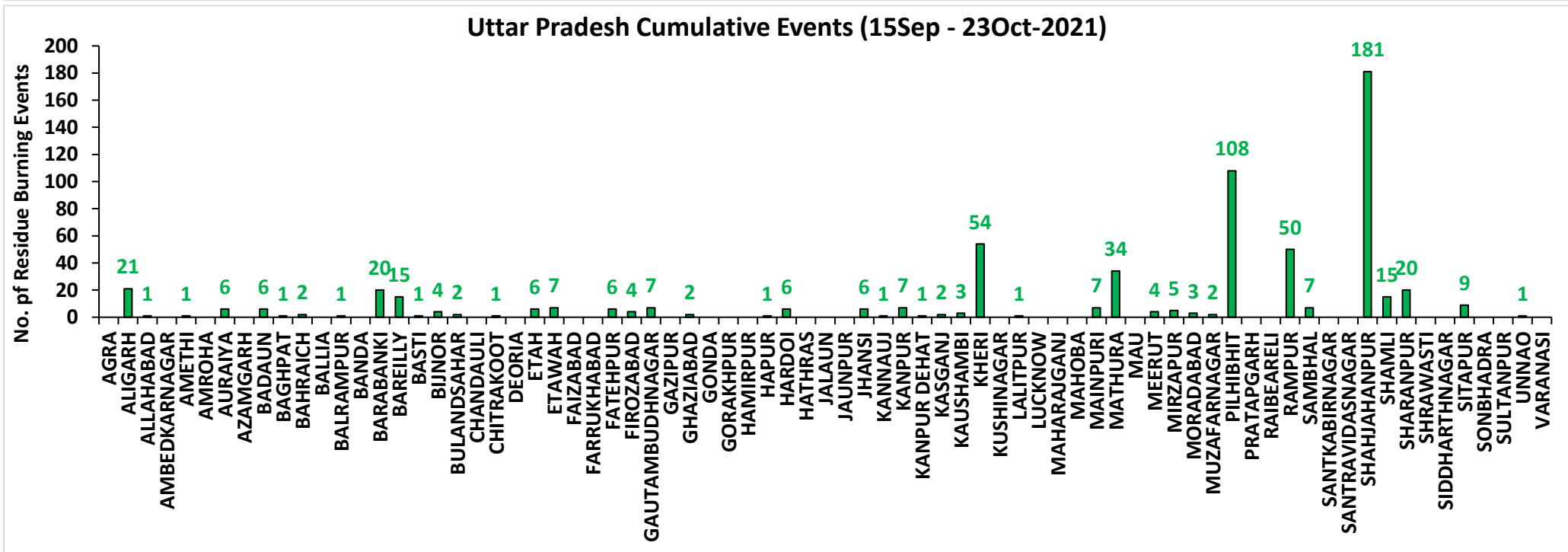
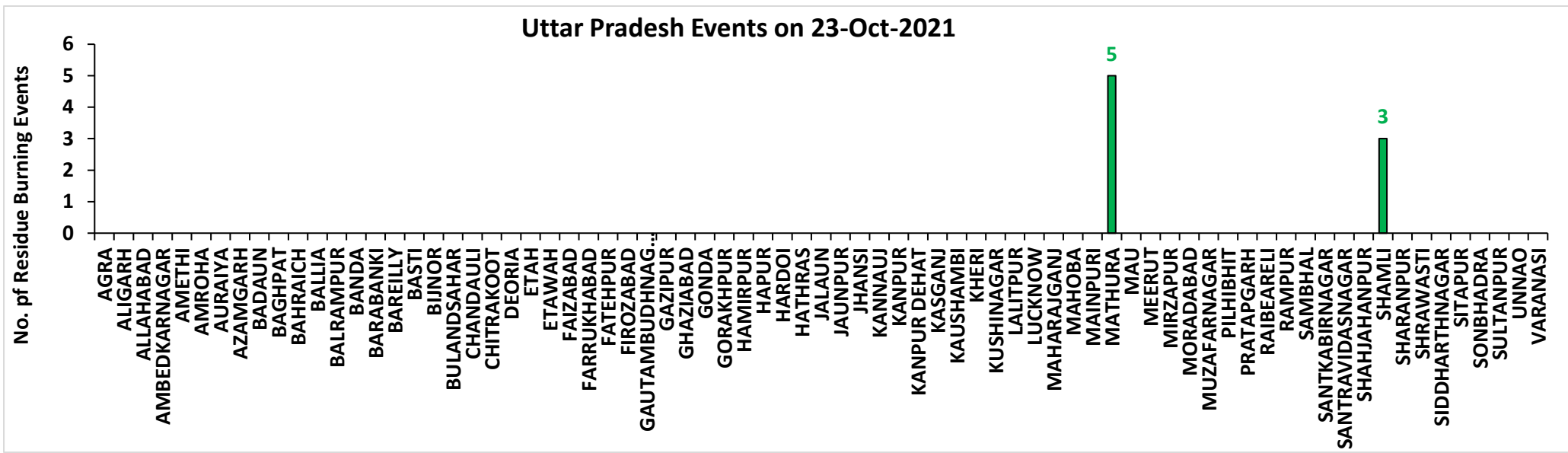
#### Fire Intensity (W/m<sup>2</sup>)

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



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

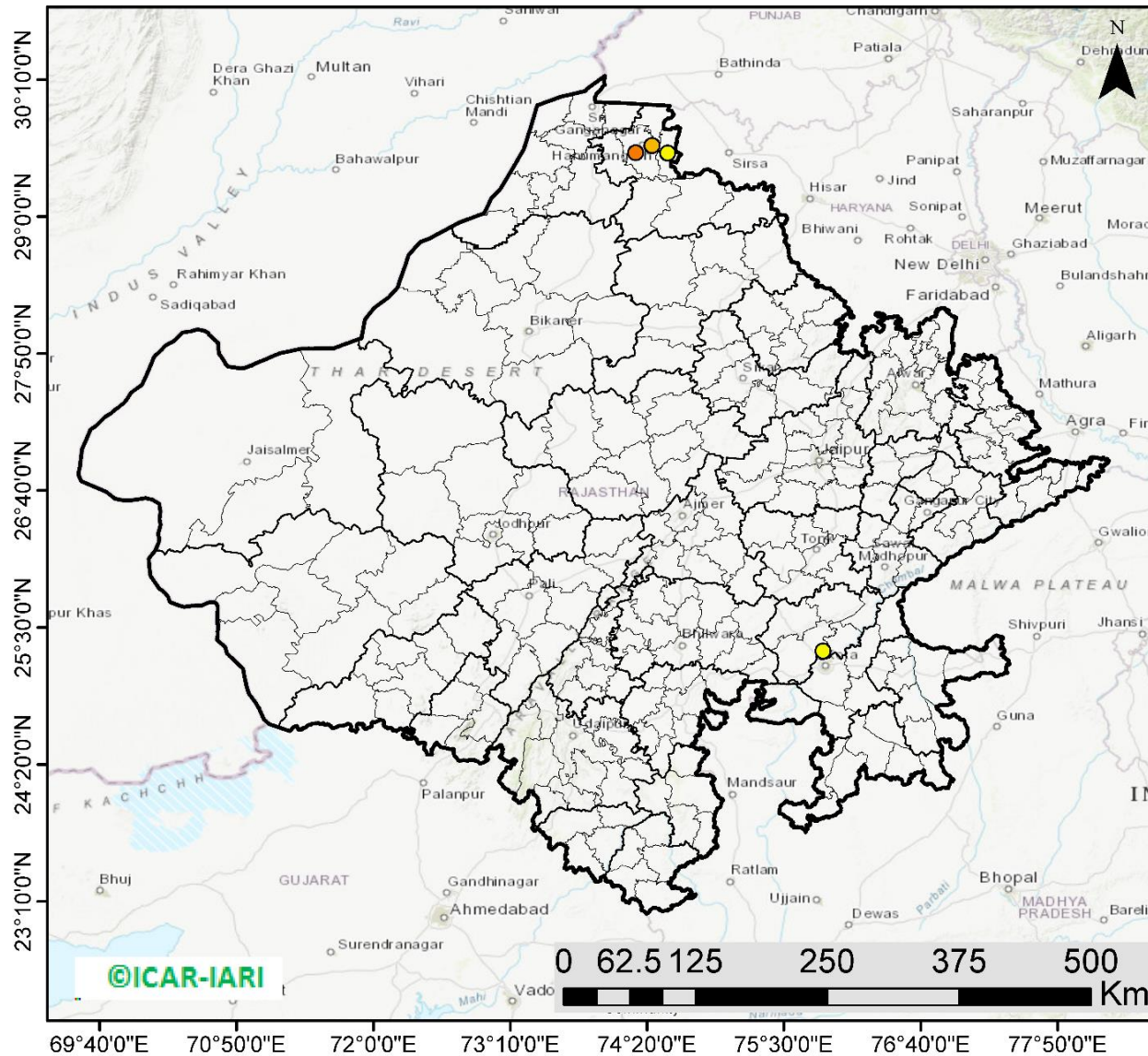
## District-wise cumulative number of residues burning events in Uttar Pradesh (15 Sep - 23 Oct-2021)





# Rajasthan

## RICE RESIDUE BURNING IN RAJASTHAN



**07** burning events detected in Rajasthan on **23rd October 2021**

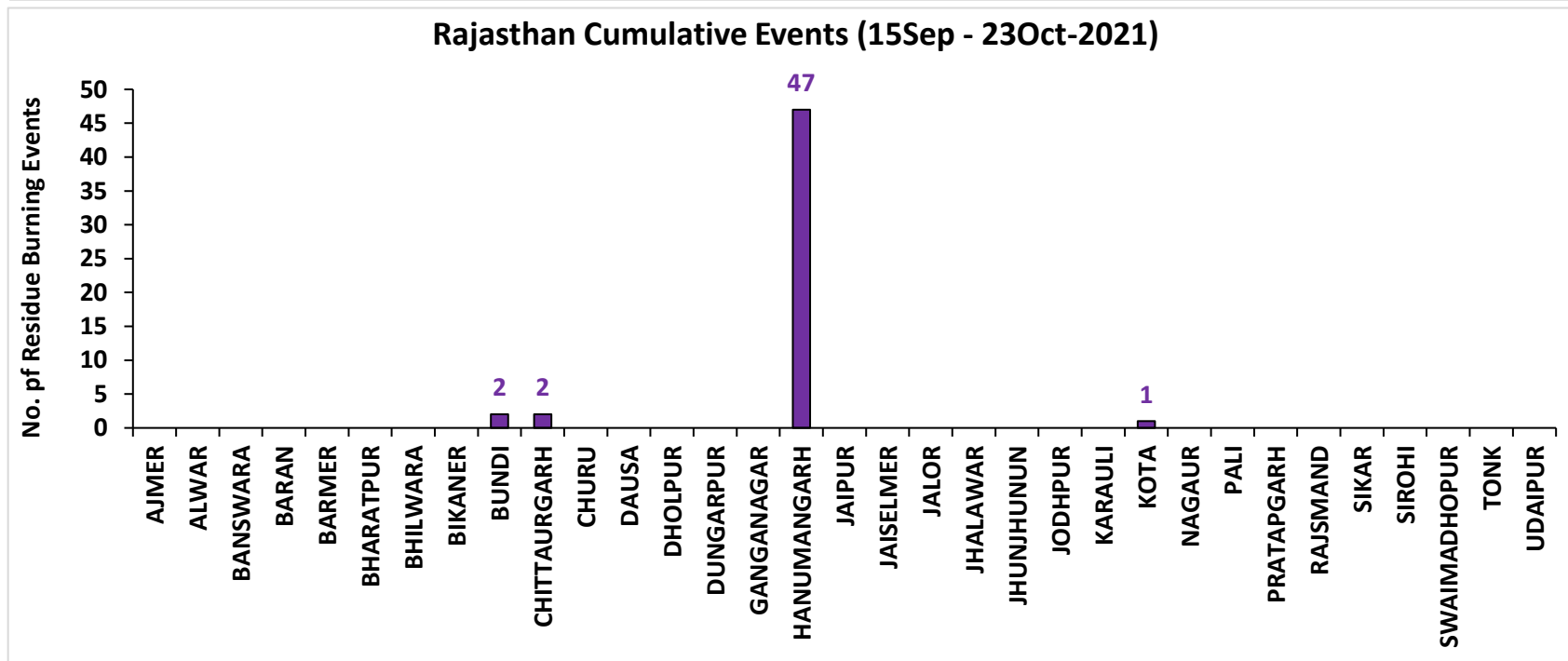
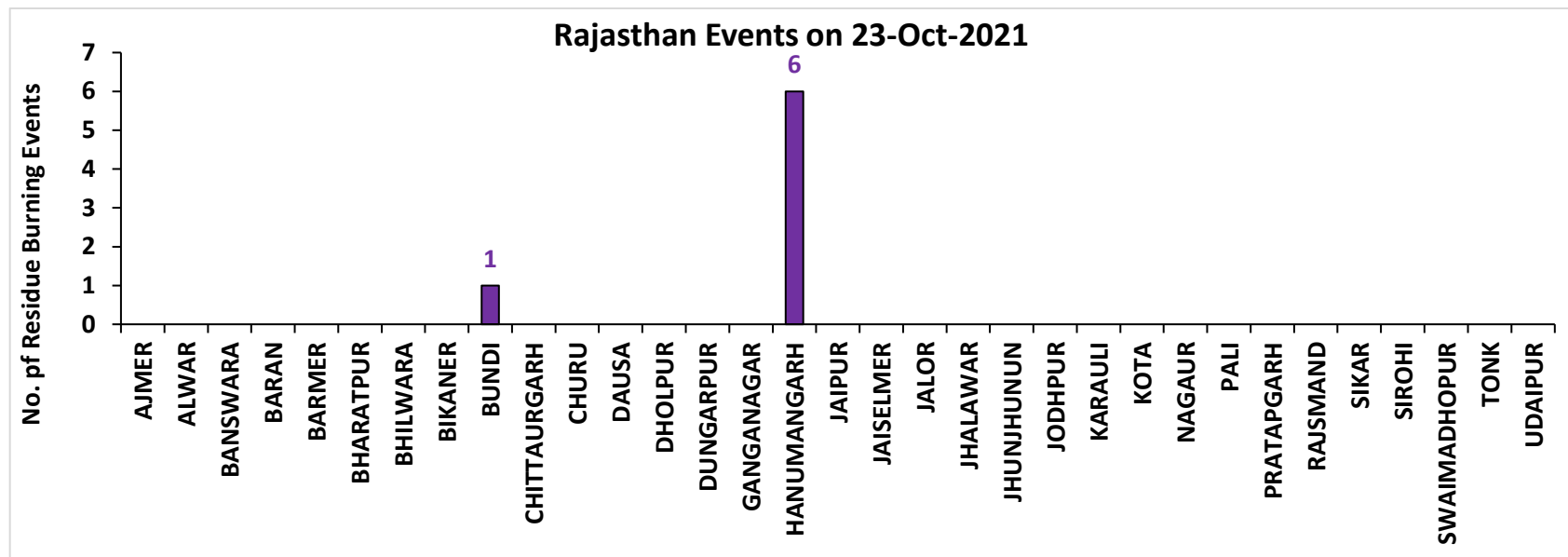
### Fire Intensity (W/m<sup>2</sup>)

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



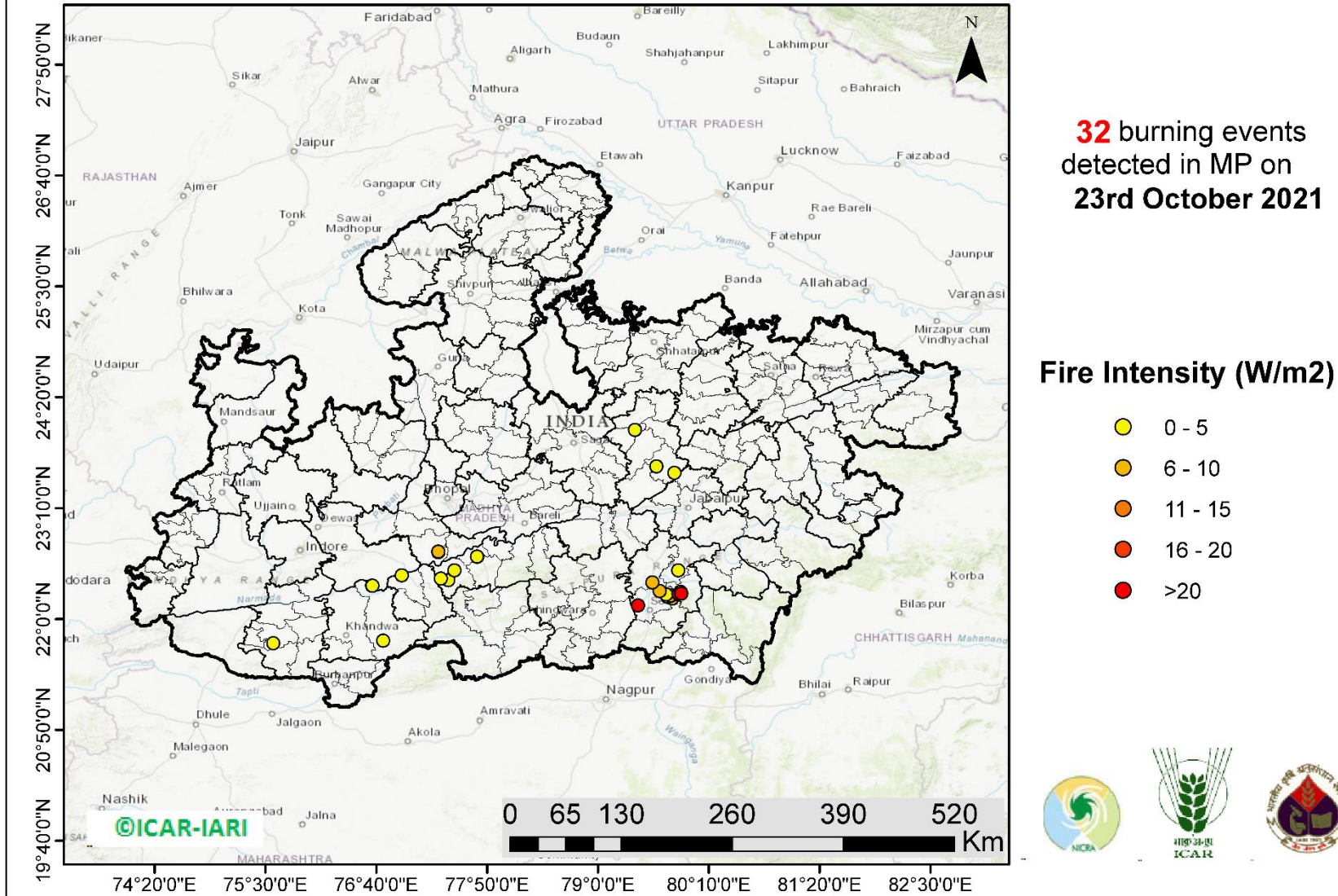
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

## District-wise cumulative number of residues burning events in Rajasthan (15 Sep - 23 Oct-2021)



# Madhya Pradesh

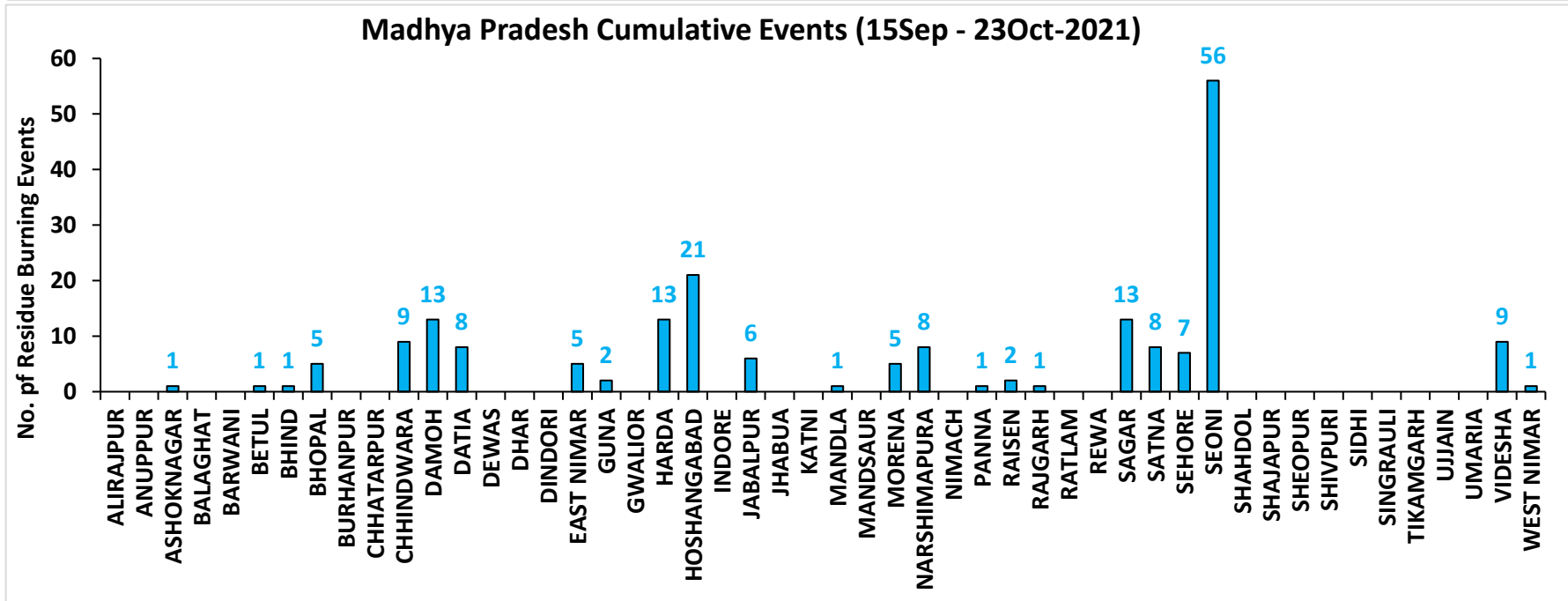
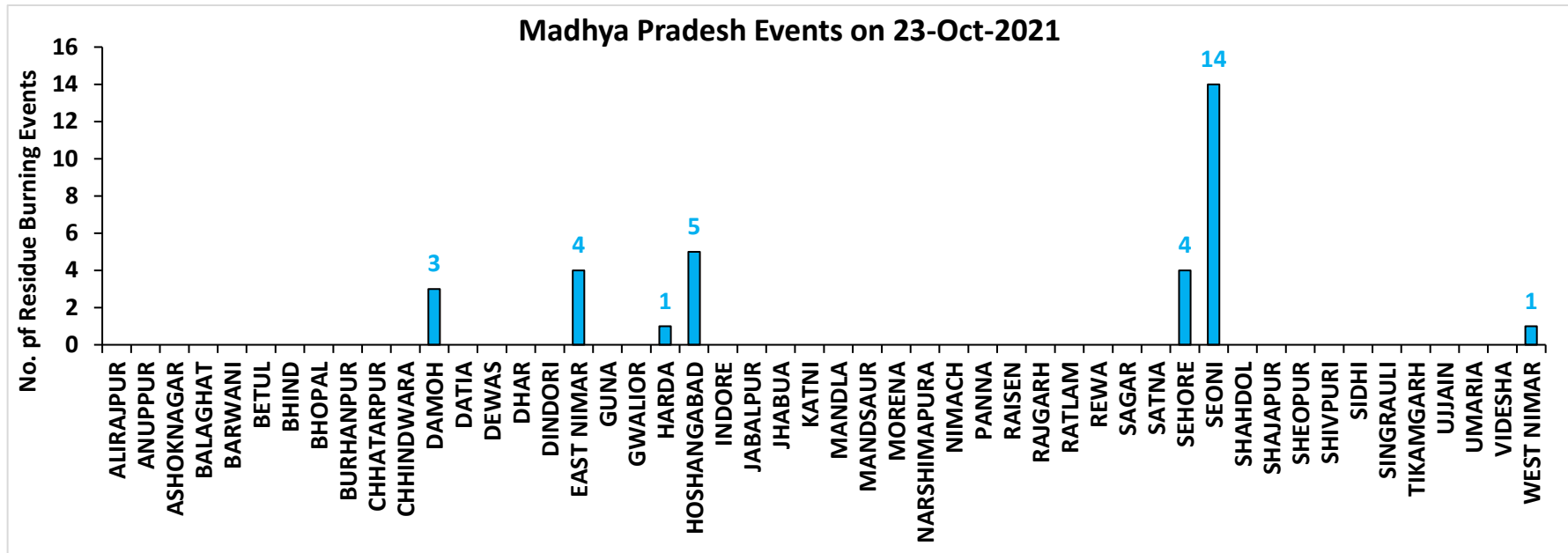
## RICE RESIDUE BURNING IN MADHYA PRADESH



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



## District-wise cumulative number of residues burning events in Madhya Pradesh (15 Sep - 23 Oct-2021)





**District-wise cumulative number of residues burning events detected in 2020 and 2021**

**(Period: 15 September - 23 October)**

**(a) Punjab**

District	15 Sep – 23 Oct	
	2020	2021
AMRITSAR	2311	945
BARNALA	66	47
BATHINDA	185	71
FARIDKOT	738	285
FATEHGARH SAHIB	390	286
FAZILKA	218	82
FIROZPUR	1738	394
GURDASPUR	1145	394
HOSHIARPUR	177	58
JALANDHAR	326	273
KAPURTHALA	728	391
LUDHIANA	350	389
MANSA	122	32
MOGA	251	131
MUKTSAR	218	85
PATHANKOT	7	0
PATIALA	1220	500
RUPNAGAR	60	46
SANGRUR	393	146
SAS NAGAR (MOHALI)	70	54
SBS NAGAR	26	34
TARN TARAN	3155	1415
<b>Total</b>	<b>13894</b>	<b>6058</b>

**(b) Haryana**

District	15 Sep – 23 Oct	
	2020	2021
AMBALA	182	85
BHIWANI	0	0
CHARKHI DADRI	0	0
FARIDABAD	1	1
FATEHABAD	94	109
GURGAON	0	0
HISAR	10	8
JHAJJAR	1	0
JIND	51	71
KAITHAL	317	476
KARNAL	409	531
KURUKSHETRA	332	316
MAHENDRAGARH	0	0
MEWAT	0	0
PALWAL	24	25
PANCHKULA	0	0
PANIPAT	12	20
REWARI	0	0
ROHTAK	2	0
SIRSA	27	17
SONIPAT	15	7
YAMUNANAGAR	83	60
<b>Total</b>	<b>1560</b>	<b>1726</b>

(c) Uttar Pradesh

District	15 Sep – 23 Oct							
	2020	2021	GAUTAMBUDHNAGAR	5	7	MUZAFARNAGAR	3	2
AGRA	2	0	GAZIPUR	0	0	PILHIBHIT	9	108
ALIGARH	48	21	GHAZIABAD	3	2	PRATAPGARH	3	0
ALLAHABAD	0	1	GONDA	0	0	RAIBEARELI	1	0
AMBEDKARNAGAR	0	0	GORAKHPUR	1	0	RAMPUR	48	50
AMETHI	0	1	HAMIRPUR	1	0	SAMBHAL	7	7
AMROHA	2	0	HAPUR	7	1	SANTKABIRNAGAR	0	0
AURAIYA	19	6	HARDOI	16	6	SANTRAVIDASNAGAR	0	0
AZAMGARH	0	0	HATHRAS	0	0	SHAHJAHANPUR	50	181
BADAUN	1	6	JALAUN	0	0	SHAMLI	20	15
BAGHPAT	4	1	JAUNPUR	0	0	SHARANPUR	44	20
BAHRAICH	14	2	JHANSI	21	6	SHRAWASTI	7	0
BALLIA	0	0	KANNAUJ	5	1	SIDDHARTHANAGAR	0	0
BALRAMPUR	2	1	KANPUR	5	7	SITAPUR	17	9
BANDA	0	0	KANPUR DEHAT	14	1	SONBHADRA	0	0
BARABANKI	19	20	KASGANJ	2	2	SULTANPUR	0	0
BAREILLY	24	15	KAUSHAMBI	14	3	UNNAO	6	1
BASTI	3	1	KHERI	48	54	VARANASI	1	0
BIJNOR	6	4	KUSHINAGAR	0	0	<b>Total</b>	<b>670</b>	<b>642</b>
BULANDSAHAR	16	2	LALITPUR	0	1			
CHANDAULI	0	0	LUCKNOW	2	0			
CHITRAKOOT	0	1	MAHARAJGANJ	0	0			
DEORIA	0	0	MAHOBA	11	0			
ETAH	12	6	MAINPURI	14	7			
ETAWAH	6	7	MATHURA	41	34			
FAIZABAD	1	0	MAU	0	0			
FARRUKHABAD	1	0	MEERUT	15	4			
FATEHPUR	23	6	MIRZAPUR	6	5			
FIROZABAD	12	4	MORADABAD	8	3			

**(d) Delhi**

District	15 Sep – 23 Oct	
	2020	2021
CENTRAL	0	0
EAST	0	0
NEW DELHI	0	0
NORTH	2	0
NORTH EAST	0	0
NORTH WEST DELHI	3	0
SHAHADRA	0	0
SOUTH	1	0
SOUTH EAST	0	0
SOUTH WEST DELHI	0	0
WEST DELHI	1	0
<b>Total</b>	<b>7</b>	<b>0</b>

**(e) Rajasthan**

District	15 Sep – 23 Oct	
	2020	2021
AJMER	2	0
ALWAR	1	0
BANSWARA	0	0
BARAN	103	0
BARMER	2	0
BHARATPUR	2	0
BHILWARA	3	0
BIKANER	1	0
BUNDI	23	2
CHITTAURGARH	0	2
CHURU	0	0
DAUSA	0	0
DHOLPUR	0	0
DUNGARPUR	0	0
GANGANAGAR	3	0
HANUMANGARH	210	47
JAIPUR	2	0
JAISELMER	2	0
JALOR	0	0
JHALAWAR	1	0
JHUNJHUNUN	1	0
JODHPUR	1	0
KARALI	1	0
KOTA	37	1
NAGPUR	0	0
PALI	2	0
PRATAPGARH	4	0
RAJSMAND	0	0
SIKAR	0	0
SIROHI	1	0
SWAIMADHOPUR	10	0
TONK	2	0
UDAIPUR	0	0
<b>Total</b>	<b>414</b>	<b>52</b>

(f) Madhya Pradesh

District	15 Sep – 23 Oct				
	2020	2021			
			PANNA	6	1
ALIRAJPUR	0	0	RAISEN	68	2
ANUPPUR	0	0	RAJGARH	7	1
ASHOKNAGAR	35	1	RATLAM	0	0
BALAGHAT	0	0	REWA	11	0
BARWANI	0	0	SAGAR	18	13
BETUL	4	1	SATNA	33	8
BHIND	11	1	SEHORE	15	7
BHOPAL	12	5	SEONI	106	56
BURHANPUR	0	0	SHAHDOL	0	0
CHHATARPUR	4	0	SHAJAPUR	5	0
CHHINDWARA	12	9	SHEOPUR	33	0
DAMOH	35	13	SHIVPURI	17	0
DATIA	116	8	SIDHI	0	0
DEWAS	3	0	SINGRAULI	0	0
DHAR	22	0	TIKAMGARH	1	0
DINDORI	0	0	UJJAIN	5	0
EAST NIMAR	3	5	UMARIA	0	0
GUNA	24	2	VIDESHA	71	9
GWALIOR	97	0	WEST NIMAR	15	1
HARDA	10	13	<b>Total</b>	<b>1029</b>	<b>197</b>
HOSHANGABAD	129	21			
INDORE	2	0			
JABALPUR	29	6			
JHABUA	0	0			
KATNI	19	0			
MANDLA	4	1			
MANDSAUR	3	0			
MORENA	23	5			
NARSHIMAPURA	21	8			
NIMACH	0	0			



**State-wise and date-wise number of paddy residue burning events detected in 2020 and 2021**  
**(Period: 15 September – 23 October)**

**Number of Paddy Residue Burning Events Detected**

	Punjab		Haryana		Uttar Pradesh		Delhi		Rajasthan		Madhya Pradesh	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
15-Sep	5	0	2	0	1	0	0	0	1	0	2	0
16-Sep	0	2	1	0	0	0	0	0	0	0	0	0
17-Sep	5	0	3	0	0	0	0	0	0	0	0	0
18-Sep	17	9	0	0	0	1	0	0	0	0	0	0
19-Sep	30	5	2	0	0	1	0	0	0	0	0	0
20-Sep	67	8	6	0	2	0	0	0	0	0	0	0
21-Sep	54	0	2	0	1	0	0	0	1	0	2	0
22-Sep	34	0	1	0	1	0	0	0	0	0	0	0
23-Sep	49	0	0	0	1	0	0	0	1	0	0	0
24-Sep	78	5	0	0	1	1	0	0	0	0	0	0
25-Sep	184	11	11	0	5	0	0	0	1	0	0	0
26-Sep	190	19	5	0	8	0	0	0	1	0	2	0
27-Sep	78	37	8	0	4	1	0	0	0	0	1	0
28-Sep	55	28	6	1	1	6	0	0	0	0	1	1
29-Sep	63	64	9	4	6	10	0	0	3	0	0	4
30-Sep	116	27	22	2	13	13	1	0	1	0	5	0
01-Oct	165	13	15	4	7	13	0	0	4	1	13	0
02-Oct	141	0	30	2	12	0	1	0	7	0	12	0
03-Oct	110	9	8	6	4	3	0	0	9	0	5	1
04-Oct	162	23	29	2	8	0	0	0	15	0	4	2
05-Oct	161	18	17	3	14	2	0	0	14	0	13	1
06-Oct	171	42	30	0	12	1	1	0	16	0	37	1
07-Oct	197	72	32	11	41	13	0	0	14	1	31	1
08-Oct	95	108	29	27	25	11	0	0	11	0	17	2
09-Oct	121	114	20	39	15	20	0	0	12	0	15	4
10-Oct	232	150	33	95	9	54	0	0	14	1	18	10
11-Oct	377	64	90	51	23	28	0	0	21	7	32	2
12-Oct	388	97	69	51	46	23	0	0	24	1	44	1

<b>13-Oct</b>	266	132	47	91	36	42	0	0	7	5	21	2
<b>14-Oct</b>	605	229	69	98	9	68	0	0	16	1	15	11
<b>15-Oct</b>	449	660	106	363	15	149	0	0	9	8	8	27
<b>16-Oct</b>	654	429	80	176	21	121	1	0	12	2	23	13
<b>17-Oct</b>	1172	14	143	0	38	39	0	0	26	0	63	1
<b>18-Oct</b>	938	57	166	1	76	0	0	0	37	2	88	0
<b>19-Oct</b>	1080	496	72	55	43	5	0	0	27	5	49	1
<b>20-Oct</b>	890	788	62	155	31	1	0	0	26	4	9	21
<b>21-Oct</b>	1392	597	101	131	25	5	2	0	32	2	112	30
<b>22-Oct</b>	1665	1111	128	140	32	3	0	0	29	5	183	29
<b>23-Oct</b>	1438	620	106	218	84	8	1	0	23	7	204	32
<b>Total</b>	<b>13894</b>	<b>6058</b>	<b>1560</b>	<b>1726</b>	<b>670</b>	<b>642</b>	<b>7</b>	<b>0</b>	<b>414</b>	<b>52</b>	<b>1029</b>	<b>197</b>

### Details of residue burning events in Punjab on 23-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	AMRITSAR	ATTARI	S-NPP	31.54386	74.67684	10/23/2021	14:18	D	2.28
2	AMRITSAR	JANDIALA GURU	S-NPP	31.52819	75.00013	10/23/2021	14:18	D	2.61
3	AMRITSAR	JANDIALA GURU	S-NPP	31.54360	74.98196	10/23/2021	14:18	D	7.31
4	AMRITSAR	MAJITHA	TERRA	31.75966	75.05565	10/23/2021	11:18	D	9.27
5	AMRITSAR	RAYYA	S-NPP	31.49635	75.22414	10/23/2021	12:37	D	9.93
6	AMRITSAR	RAYYA	S-NPP	31.50074	75.22581	10/23/2021	12:37	D	10.44
7	AMRITSAR	RAYYA	S-NPP	31.54027	75.17865	10/23/2021	14:18	D	7.73
8	AMRITSAR	RAYYA	S-NPP	31.57516	75.29028	10/23/2021	12:37	D	8.04
9	AMRITSAR	RAYYA	S-NPP	31.61164	75.26301	10/23/2021	14:18	D	2.21
10	AMRITSAR	RAYYA	S-NPP	31.61364	75.38238	10/23/2021	12:37	D	7.33
11	AMRITSAR	RAYYA	S-NPP	31.62510	75.20939	10/23/2021	14:18	D	7.92
12	AMRITSAR	RAYYA	TERRA	31.52790	75.12005	10/23/2021	11:18	D	4.60
13	AMRITSAR	RAYYA	TERRA	31.57814	75.21307	10/23/2021	11:18	D	7.00
14	AMRITSAR	RAYYA	TERRA	31.61152	75.29702	10/23/2021	11:18	D	5.68
15	AMRITSAR	RAYYA	TERRA	31.68130	75.26316	10/23/2021	11:18	D	2.68
16	AMRITSAR	TARSIKKA	S-NPP	31.61866	75.19686	10/23/2021	14:18	D	3.47
17	AMRITSAR	TARSIKKA	S-NPP	31.63013	75.20025	10/23/2021	14:18	D	6.42
18	AMRITSAR	TARSIKKA	TERRA	31.62637	75.20119	10/23/2021	11:18	D	10.62
19	AMRITSAR	TARSIKKA	TERRA	31.68803	75.10021	10/23/2021	11:18	D	5.82
20	AMRITSAR	TARSIKKA	TERRA	31.68966	75.08964	10/23/2021	11:18	D	17.44
21	AMRITSAR	TARSIKKA	TERRA	31.70348	75.17999	10/23/2021	11:18	D	5.88
22	AMRITSAR	VERKA	TERRA	31.65319	74.96664	10/23/2021	11:18	D	16.28
23	BARNALA	BARNALA	S-NPP	30.50456	75.65393	10/23/2021	14:18	D	13.57
24	BARNALA	BARNALA	S-NPP	30.50995	75.64904	10/23/2021	14:18	D	12.36
25	BARNALA	BARNALA	S-NPP	30.51024	75.65347	10/23/2021	14:18	D	12.36
26	BARNALA	BARNALA	AQUA	30.43811	75.55007	10/23/2021	12:59	D	28.68
27	BARNALA	MAHAL KALAN	S-NPP	30.55626	75.66352	10/23/2021	12:37	D	2.73
28	BATHINDA	BHAGTA BHAI KA	S-NPP	30.37768	75.16558	10/23/2021	14:18	D	3.44
29	BATHINDA	GONIANA MANDI	S-NPP	30.27307	74.91448	10/23/2021	12:37	D	15.25

30	BATHINDA	GONIANA MANDI	S-NPP	30.27424	74.91010	10/23/2021	12:37	D	21.42
31	BATHINDA	GONIANA MANDI	S-NPP	30.29454	74.88148	10/23/2021	12:37	D	6.44
32	BATHINDA	GONIANA MANDI	S-NPP	30.33700	74.98528	10/23/2021	12:37	D	6.12
33	BATHINDA	GONIANA MANDI	TERRA	30.27970	74.88546	10/23/2021	11:18	D	5.02
34	BATHINDA	PHUL	S-NPP	30.36781	75.18310	10/23/2021	14:18	D	2.29
35	BATHINDA	PHUL	S-NPP	30.37577	75.18079	10/23/2021	12:37	D	4.62
36	BATHINDA	PHUL	S-NPP	30.37885	75.18213	10/23/2021	14:18	D	5.47
37	BATHINDA	SANGAT	S-NPP	30.10920	74.89393	10/23/2021	12:37	D	9.18
38	BATHINDA	TALWANDI SABO	S-NPP	30.02614	75.09189	10/23/2021	12:37	D	3.25
39	BATHINDA	TALWANDI SABO	S-NPP	30.03588	75.01886	10/23/2021	14:18	D	6.36
40	FARIDKOT	FARIDKOT	S-NPP	30.68380	74.66241	10/23/2021	14:18	D	12.35
41	FARIDKOT	FARIDKOT	S-NPP	30.68950	74.83586	10/23/2021	12:37	D	3.16
42	FARIDKOT	FARIDKOT	S-NPP	30.72770	74.85439	10/23/2021	12:37	D	17.98
43	FARIDKOT	FARIDKOT	S-NPP	30.72826	74.84951	10/23/2021	12:37	D	13.78
44	FARIDKOT	FARIDKOT	S-NPP	30.72947	74.86067	10/23/2021	12:37	D	17.98
45	FARIDKOT	FARIDKOT	S-NPP	30.73000	74.85582	10/23/2021	12:37	D	13.78
46	FARIDKOT	FARIDKOT	S-NPP	30.75782	74.66050	10/23/2021	12:37	D	8.93
47	FARIDKOT	FARIDKOT	S-NPP	30.78913	74.74788	10/23/2021	12:37	D	3.99
48	FARIDKOT	FARIDKOT	S-NPP	30.79371	74.74448	10/23/2021	12:37	D	6.33
49	FARIDKOT	FARIDKOT	TERRA	30.61606	74.74105	10/23/2021	11:18	D	14.65
50	FARIDKOT	FARIDKOT	TERRA	30.64225	74.81103	10/23/2021	11:18	D	26.31
51	FARIDKOT	FARIDKOT	TERRA	30.64386	74.80057	10/23/2021	11:18	D	9.91
52	FARIDKOT	FARIDKOT	TERRA	30.70393	74.71091	10/23/2021	11:18	D	8.18
53	FARIDKOT	FARIDKOT	TERRA	30.72690	74.80171	10/23/2021	11:18	D	12.59
54	FARIDKOT	FARIDKOT	TERRA	30.73559	74.68504	10/23/2021	11:18	D	7.25
55	FARIDKOT	FARIDKOT	TERRA	30.73993	74.53588	10/23/2021	11:18	D	2.77
56	FARIDKOT	FARIDKOT	TERRA	30.76777	74.59496	10/23/2021	11:18	D	9.80
57	FARIDKOT	FARIDKOT	TERRA	30.79773	74.57955	10/23/2021	11:18	D	6.14
58	FARIDKOT	JAITON	S-NPP	30.38843	74.94988	10/23/2021	12:37	D	6.38
59	FARIDKOT	JAITON	S-NPP	30.41304	74.84046	10/23/2021	12:37	D	7.12
60	FARIDKOT	JAITON	S-NPP	30.41317	74.83544	10/23/2021	12:37	D	5.44
61	FARIDKOT	JAITON	S-NPP	30.41492	74.84187	10/23/2021	12:37	D	5.44
62	FARIDKOT	JAITON	TERRA	30.38642	74.91325	10/23/2021	11:18	D	7.61

63	FARIDKOT	KOT KAPURA	S-NPP	30.48974	74.81333	10/23/2021	14:18	D	3.89
64	FARIDKOT	KOT KAPURA	S-NPP	30.51321	74.80703	10/23/2021	14:18	D	8.55
65	FARIDKOT	KOT KAPURA	S-NPP	30.51679	74.81088	10/23/2021	14:18	D	8.35
66	FARIDKOT	KOT KAPURA	S-NPP	30.51862	74.80654	10/23/2021	14:18	D	8.55
67	FARIDKOT	KOT KAPURA	S-NPP	30.55079	74.79961	10/23/2021	14:18	D	1.26
68	FARIDKOT	KOT KAPURA	S-NPP	30.59353	74.71671	10/23/2021	14:18	D	3.54
69	FARIDKOT	KOT KAPURA	TERRA	30.51943	74.76890	10/23/2021	11:18	D	6.13
70	FATEHGARH SAHIB	AMLOH	S-NPP	30.65365	76.25017	10/23/2021	14:18	D	3.51
71	FATEHGARH SAHIB	AMLOH	S-NPP	30.66950	76.21976	10/23/2021	14:18	D	3.24
72	FATEHGARH SAHIB	AMLOH	S-NPP	30.68272	76.33635	10/23/2021	14:18	D	3.10
73	FATEHGARH SAHIB	AMLOH	AQUA	30.56031	76.17535	10/23/2021	12:59	D	32.90
74	FATEHGARH SAHIB	AMLOH	TERRA	30.62134	76.16514	10/23/2021	11:18	D	13.71
75	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.65101	76.45390	10/23/2021	12:37	D	5.83
76	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69039	76.46037	10/23/2021	14:18	D	1.82
77	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69541	76.42717	10/23/2021	12:37	D	4.22
78	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69667	76.42844	10/23/2021	12:37	D	5.65
79	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70669	76.44576	10/23/2021	12:37	D	2.71
80	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70923	76.37896	10/23/2021	14:18	D	8.05
81	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71221	76.37716	10/23/2021	14:18	D	7.65
82	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71646	76.45195	10/23/2021	14:18	D	4.68
83	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72100	76.42651	10/23/2021	14:18	D	4.34
84	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72274	76.49833	10/23/2021	14:18	D	1.96
85	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72428	76.42780	10/23/2021	14:18	D	7.23

86	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72713	76.47282	10/23/2021	14:18	D	4.57
87	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72954	76.47110	10/23/2021	14:18	D	5.22
88	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.73120	76.46144	10/23/2021	12:37	D	2.57
89	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.74482	76.42470	10/23/2021	14:18	D	2.36
90	FATEHGARH SAHIB	BASSI PATHANAN	TERRA	30.66049	76.43034	10/23/2021	11:18	D	5.39
91	FATEHGARH SAHIB	BASSI PATHANAN	TERRA	30.68296	76.47160	10/23/2021	11:18	D	11.91
92	FATEHGARH SAHIB	BASSI PATHANAN	TERRA	30.68489	76.45992	10/23/2021	11:18	D	10.98
93	FATEHGARH SAHIB	BASSI PATHANAN	TERRA	30.68893	76.37639	10/23/2021	11:18	D	8.19
94	FATEHGARH SAHIB	BASSI PATHANAN	TERRA	30.70523	76.48287	10/23/2021	11:18	D	12.23
95	FATEHGARH SAHIB	BASSI PATHANAN	TERRA	30.73937	76.45411	10/23/2021	11:18	D	9.85
96	FATEHGARH SAHIB	KHAMANON	S-NPP	30.78416	76.31549	10/23/2021	12:37	D	7.11
97	FATEHGARH SAHIB	KHAMANON	S-NPP	30.78824	76.31169	10/23/2021	12:37	D	16.32
98	FATEHGARH SAHIB	KHAMANON	S-NPP	30.79008	76.31344	10/23/2021	12:37	D	7.11
99	FATEHGARH SAHIB	KHAMANON	S-NPP	30.82832	76.31149	10/23/2021	12:37	D	4.49
100	FATEHGARH SAHIB	KHAMANON	S-NPP	30.85588	76.32378	10/23/2021	14:18	D	10.56
101	FATEHGARH SAHIB	KHAMANON	TERRA	30.77359	76.36538	10/23/2021	11:18	D	6.62
102	FATEHGARH SAHIB	KHAMANON	TERRA	30.79057	76.32127	10/23/2021	11:18	D	9.82
103	FATEHGARH SAHIB	KHAMANON	TERRA	30.79993	76.32333	10/23/2021	11:18	D	8.49
104	FATEHGARH SAHIB	KHERA	S-NPP	30.56675	76.53117	10/23/2021	12:37	D	2.76
105	FATEHGARH SAHIB	KHERA	S-NPP	30.57533	76.53940	10/23/2021	12:37	D	4.40

106	FATEHGARH SAHIB	KHERA	S-NPP	30.58636	76.47626	10/23/2021	14:18	D	6.68
107	FATEHGARH SAHIB	KHERA	S-NPP	30.59232	76.47581	10/23/2021	14:18	D	6.68
108	FATEHGARH SAHIB	KHERA	S-NPP	30.59263	76.48082	10/23/2021	14:18	D	6.68
109	FATEHGARH SAHIB	KHERA	S-NPP	30.59449	76.51086	10/23/2021	14:18	D	10.90
110	FATEHGARH SAHIB	KHERA	S-NPP	30.59479	76.51588	10/23/2021	14:18	D	11.73
111	FATEHGARH SAHIB	KHERA	S-NPP	30.62125	76.55447	10/23/2021	14:18	D	6.25
112	FATEHGARH SAHIB	KHERA	S-NPP	30.62395	76.55627	10/23/2021	14:18	D	6.07
113	FATEHGARH SAHIB	KHERA	S-NPP	30.62663	76.46558	10/23/2021	12:37	D	6.29
114	FATEHGARH SAHIB	KHERA	S-NPP	30.62743	76.46201	10/23/2021	12:37	D	11.20
115	FATEHGARH SAHIB	KHERA	S-NPP	30.62880	76.46717	10/23/2021	12:37	D	11.24
116	FATEHGARH SAHIB	KHERA	S-NPP	30.63103	76.46980	10/23/2021	14:18	D	6.84
117	FATEHGARH SAHIB	KHERA	S-NPP	30.63376	76.46776	10/23/2021	14:18	D	4.74
118	FATEHGARH SAHIB	KHERA	S-NPP	30.63580	76.59415	10/23/2021	14:18	D	2.48
119	FATEHGARH SAHIB	KHERA	AQUA	30.58830	76.50866	10/23/2021	12:59	D	48.38
120	FATEHGARH SAHIB	KHERA	TERRA	30.58871	76.48118	10/23/2021	11:18	D	5.94
121	FATEHGARH SAHIB	KHERA	AQUA	30.59364	76.51115	10/23/2021	12:59	D	49.82
122	FATEHGARH SAHIB	KHERA	TERRA	30.62201	76.54327	10/23/2021	11:18	D	5.82
123	FATEHGARH SAHIB	KHERA	TERRA	30.62440	76.47079	10/23/2021	11:18	D	10.85
124	FATEHGARH SAHIB	KHERA	AQUA	30.64114	76.45494	10/23/2021	12:59	D	27.64
125	FATEHGARH SAHIB	KHERA	TERRA	30.66575	76.51638	10/23/2021	11:18	D	5.77

126	FATEHGARH SAHIB	SIRHIND	S-NPP	30.46852	76.45355	10/23/2021	12:37	D	7.25
127	FATEHGARH SAHIB	SIRHIND	S-NPP	30.47478	76.45399	10/23/2021	14:18	D	5.62
128	FATEHGARH SAHIB	SIRHIND	S-NPP	30.48074	76.45354	10/23/2021	14:18	D	6.97
129	FATEHGARH SAHIB	SIRHIND	S-NPP	30.51392	76.46667	10/23/2021	14:18	D	5.19
130	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54458	76.47147	10/23/2021	12:37	D	5.58
131	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54594	76.47663	10/23/2021	12:37	D	5.58
132	FATEHGARH SAHIB	SIRHIND	S-NPP	30.56364	76.47054	10/23/2021	12:37	D	3.89
133	FATEHGARH SAHIB	SIRHIND	S-NPP	30.56955	76.39484	10/23/2021	12:37	D	7.34
134	FATEHGARH SAHIB	SIRHIND	S-NPP	30.57123	76.39656	10/23/2021	12:37	D	8.55
135	FATEHGARH SAHIB	SIRHIND	S-NPP	30.59644	76.35103	10/23/2021	14:18	D	3.62
136	FATEHGARH SAHIB	SIRHIND	S-NPP	30.60019	76.41022	10/23/2021	14:18	D	7.15
137	FATEHGARH SAHIB	SIRHIND	S-NPP	30.60037	76.35248	10/23/2021	14:18	D	10.76
138	FATEHGARH SAHIB	SIRHIND	S-NPP	30.60349	76.40682	10/23/2021	14:18	D	8.36
139	FATEHGARH SAHIB	SIRHIND	S-NPP	30.60829	76.35014	10/23/2021	14:18	D	4.26
140	FATEHGARH SAHIB	SIRHIND	S-NPP	30.62407	76.35065	10/23/2021	14:18	D	4.53
141	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.30784	74.16279	10/23/2021	14:18	D	5.75
142	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.42443	74.17490	10/23/2021	14:18	D	3.14
143	FAZILKA	FAZILKA	S-NPP	30.38657	74.09222	10/23/2021	14:18	D	1.75
144	FAZILKA	FAZILKA	TERRA	30.31372	74.05336	10/23/2021	11:18	D	5.14
145	FAZILKA	FAZILKA	TERRA	30.31957	74.07563	10/23/2021	11:18	D	4.40
146	FAZILKA	JALALABAD	TERRA	30.42945	74.26838	10/23/2021	11:18	D	14.76
147	FAZILKA	KHUIAN SARWAR	S-NPP	30.25784	73.98996	10/23/2021	14:18	D	2.52



148	FIROZPUR	FIROZPUR	S-NPP	30.81597	74.58387	10/23/2021	14:18	D	3.30
149	FIROZPUR	FIROZPUR	TERRA	30.99383	74.62721	10/23/2021	11:18	D	6.55
150	FIROZPUR	FIROZPUR	TERRA	30.99737	74.72464	10/23/2021	11:18	D	26.04
151	FIROZPUR	FIROZPUR	TERRA	31.00276	74.62901	10/23/2021	11:18	D	19.89
152	FIROZPUR	FIROZPUR	TERRA	31.00435	74.61860	10/23/2021	11:18	D	4.87
153	FIROZPUR	GHALL KHURD	TERRA	30.89114	74.81516	10/23/2021	11:18	D	5.35
154	FIROZPUR	GHALL KHURD	TERRA	30.90010	74.81698	10/23/2021	11:18	D	5.28
155	FIROZPUR	GURUHAR SAHAI	S-NPP	30.54894	74.34584	10/23/2021	14:18	D	8.11
156	FIROZPUR	GURUHAR SAHAI	S-NPP	30.55363	74.33796	10/23/2021	14:18	D	5.56
157	FIROZPUR	GURUHAR SAHAI	S-NPP	30.55889	74.33747	10/23/2021	14:18	D	5.56
158	FIROZPUR	GURUHAR SAHAI	S-NPP	30.58871	74.32035	10/23/2021	14:18	D	2.66
159	FIROZPUR	GURUHAR SAHAI	S-NPP	30.58926	74.31970	10/23/2021	14:18	D	2.49
160	FIROZPUR	GURUHAR SAHAI	S-NPP	30.63702	74.25998	10/23/2021	14:18	D	4.55
161	FIROZPUR	GURUHAR SAHAI	S-NPP	30.64200	74.39381	10/23/2021	14:18	D	2.80
162	FIROZPUR	GURUHAR SAHAI	S-NPP	30.66467	74.27583	10/23/2021	14:18	D	1.88
163	FIROZPUR	MAKHU	S-NPP	31.09211	74.82008	10/23/2021	12:37	D	8.42
164	FIROZPUR	MAKHU	S-NPP	31.09384	74.82629	10/23/2021	12:37	D	8.42
165	FIROZPUR	MAKHU	S-NPP	31.10492	75.03734	10/23/2021	14:18	D	2.34
166	FIROZPUR	MAKHU	S-NPP	31.12003	75.09487	10/23/2021	14:18	D	2.57
167	FIROZPUR	MAKHU	TERRA	31.12437	75.09895	10/23/2021	11:18	D	9.48
168	FIROZPUR	MAKHU	TERRA	31.12474	74.91853	10/23/2021	11:18	D	11.86
169	FIROZPUR	MAMDOT	S-NPP	30.75703	74.37495	10/23/2021	14:18	D	5.57
170	FIROZPUR	MAMDOT	S-NPP	30.78550	74.39872	10/23/2021	14:18	D	5.41
171	FIROZPUR	MAMDOT	S-NPP	30.78895	74.31786	10/23/2021	14:18	D	4.91
172	FIROZPUR	MAMDOT	S-NPP	30.78989	74.31924	10/23/2021	14:18	D	6.32
173	FIROZPUR	MAMDOT	S-NPP	30.80112	74.53103	10/23/2021	14:18	D	2.80
174	FIROZPUR	MAMDOT	S-NPP	30.81239	74.53772	10/23/2021	14:18	D	3.85
175	FIROZPUR	MAMDOT	S-NPP	30.83838	74.41123	10/23/2021	14:18	D	6.43
176	FIROZPUR	MAMDOT	S-NPP	30.89017	74.45982	10/23/2021	14:18	D	7.31
177	FIROZPUR	MAMDOT	S-NPP	30.94196	74.45432	10/23/2021	14:18	D	9.07
178	FIROZPUR	MAMDOT	S-NPP	30.94728	74.45381	10/23/2021	14:18	D	9.07
179	GURDASPUR	BATALA	TERRA	31.74893	75.18456	10/23/2021	11:18	D	7.72
180	GURDASPUR	BATALA	TERRA	31.76028	75.23080	10/23/2021	11:18	D	6.78

181	GURDASPUR	DERA BABA NANAK	TERRA	32.01254	75.03329	10/23/2021	11:18	D	12.38
182	GURDASPUR	KAHNUWAN	S-NPP	31.80852	75.50813	10/23/2021	14:18	D	1.79
183	GURDASPUR	KAHNUWAN	S-NPP	31.92273	75.47607	10/23/2021	14:18	D	3.38
184	GURDASPUR	KAHNUWAN	S-NPP	31.94666	75.49243	10/23/2021	14:18	D	5.25
185	GURDASPUR	KAHNUWAN	TERRA	31.88046	75.35056	10/23/2021	11:18	D	5.51
186	GURDASPUR	KALANAUR	TERRA	32.00120	75.22778	10/23/2021	11:18	D	7.35
187	GURDASPUR	KALANAUR	TERRA	32.03764	75.11044	10/23/2021	11:18	D	14.22
188	GURDASPUR	QADIAN	S-NPP	31.79561	75.43036	10/23/2021	14:18	D	5.16
189	GURDASPUR	QADIAN	TERRA	31.80344	75.36745	10/23/2021	11:18	D	19.14
190	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.74618	75.46147	10/23/2021	14:18	D	4.27
191	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.74647	75.46598	10/23/2021	14:18	D	4.27
192	GURDASPUR	SRI HARGOBINDPUR	TERRA	31.68768	75.34161	10/23/2021	11:18	D	7.67
193	GURDASPUR	SRI HARGOBINDPUR	TERRA	31.74031	75.35876	10/23/2021	11:18	D	13.83
194	HOSHIARPUR	DASUYA	S-NPP	31.78382	75.62360	10/23/2021	12:37	D	6.88
195	HOSHIARPUR	GARH SHANKAR	S-NPP	31.14238	76.15984	10/23/2021	14:18	D	9.62
196	HOSHIARPUR	GARH SHANKAR	S-NPP	31.15918	76.14391	10/23/2021	14:18	D	5.62
197	HOSHIARPUR	GARH SHANKAR	S-NPP	31.16506	76.14346	10/23/2021	14:18	D	5.62
198	HOSHIARPUR	MAHILPUR	TERRA	31.32669	75.98869	10/23/2021	11:18	D	8.66
199	HOSHIARPUR	TANDA	S-NPP	31.64806	75.56997	10/23/2021	14:18	D	7.41
200	HOSHIARPUR	TANDA	S-NPP	31.64835	75.57454	10/23/2021	14:18	D	7.41
201	HOSHIARPUR	TANDA	S-NPP	31.66435	75.55489	10/23/2021	14:18	D	1.74
202	HOSHIARPUR	TANDA	S-NPP	31.69924	75.56127	10/23/2021	14:18	D	2.51
203	JALANDHAR	ADAMPUR	TERRA	31.37411	75.69122	10/23/2021	11:18	D	5.17
204	JALANDHAR	BHOGPUR	S-NPP	31.50351	75.60044	10/23/2021	14:18	D	1.85
205	JALANDHAR	JALANDHAR EAST	TERRA	31.34721	75.74194	10/23/2021	11:18	D	5.13
206	JALANDHAR	JALANDHAR WEST	S-NPP	31.41165	75.53038	10/23/2021	12:37	D	7.41
207	JALANDHAR	LOHIAN	S-NPP	31.06552	75.19724	10/23/2021	14:18	D	4.24
208	JALANDHAR	LOHIAN	S-NPP	31.11677	75.20995	10/23/2021	14:18	D	7.68
209	JALANDHAR	LOHIAN	S-NPP	31.15645	75.33157	10/23/2021	12:37	D	4.81
210	JALANDHAR	LOHIAN	S-NPP	31.16328	75.31394	10/23/2021	14:18	D	14.55
211	JALANDHAR	LOHIAN	S-NPP	31.16609	75.12549	10/23/2021	14:18	D	5.22
212	JALANDHAR	LOHIAN	S-NPP	31.16674	75.12474	10/23/2021	14:18	D	6.45
213	JALANDHAR	LOHIAN	S-NPP	31.16703	75.31456	10/23/2021	14:18	D	16.64

214	JALANDHAR	MEHATPUR	S-NPP	31.01485	75.46244	10/23/2021	12:37	D	2.18
215	JALANDHAR	NAKODAR	S-NPP	31.17400	75.44549	10/23/2021	12:37	D	4.46
216	JALANDHAR	NAKODAR	S-NPP	31.18575	75.43172	10/23/2021	14:18	D	10.95
217	JALANDHAR	NAKODAR	S-NPP	31.19832	75.49187	10/23/2021	14:18	D	12.90
218	JALANDHAR	NAKODAR	S-NPP	31.20368	75.48698	10/23/2021	14:18	D	5.38
219	JALANDHAR	NAKODAR	S-NPP	31.22330	75.44066	10/23/2021	12:37	D	7.83
220	JALANDHAR	NAKODAR	S-NPP	31.22598	75.43922	10/23/2021	12:37	D	5.36
221	JALANDHAR	NAKODAR	TERRA	31.13597	75.49358	10/23/2021	11:18	D	7.28
222	JALANDHAR	NAKODAR	TERRA	31.20738	75.39740	10/23/2021	11:18	D	5.66
223	JALANDHAR	NAKODAR	TERRA	31.20967	75.44231	10/23/2021	11:18	D	8.09
224	JALANDHAR	NUR MAHAL	S-NPP	31.12588	75.60558	10/23/2021	14:18	D	4.23
225	JALANDHAR	PHILLAUR	S-NPP	31.05845	75.91834	10/23/2021	14:18	D	3.46
226	JALANDHAR	PHILLAUR	TERRA	31.17276	75.79427	10/23/2021	11:18	D	4.64
227	JALANDHAR	SHAHKOT	S-NPP	31.02791	75.36241	10/23/2021	12:37	D	8.96
228	JALANDHAR	SHAHKOT	S-NPP	31.04564	75.29187	10/23/2021	14:18	D	3.43
229	JALANDHAR	SHAHKOT	S-NPP	31.10188	75.32350	10/23/2021	14:18	D	6.48
230	JALANDHAR	SHAHKOT	S-NPP	31.12251	75.33109	10/23/2021	12:37	D	3.81
231	JALANDHAR	SHAHKOT	S-NPP	31.14587	75.38979	10/23/2021	14:18	D	15.10
232	JALANDHAR	SHAHKOT	S-NPP	31.14706	75.40731	10/23/2021	14:18	D	2.93
233	JALANDHAR	SHAHKOT	TERRA	31.04666	75.36234	10/23/2021	11:18	D	4.86
234	KAPURTHALA	DHILWAN	S-NPP	31.48159	75.35923	10/23/2021	14:18	D	6.23
235	KAPURTHALA	DHILWAN	S-NPP	31.48415	75.35884	10/23/2021	14:18	D	7.21
236	KAPURTHALA	DHILWAN	S-NPP	31.48609	75.42561	10/23/2021	14:18	D	2.06
237	KAPURTHALA	DHILWAN	S-NPP	31.50522	75.42393	10/23/2021	14:18	D	6.25
238	KAPURTHALA	DHILWAN	S-NPP	31.51069	75.43547	10/23/2021	12:37	D	6.33
239	KAPURTHALA	KAPURTHALA	S-NPP	31.25591	75.28934	10/23/2021	12:37	D	5.73
240	KAPURTHALA	KAPURTHALA	S-NPP	31.28539	75.35255	10/23/2021	14:18	D	2.60
241	KAPURTHALA	KAPURTHALA	S-NPP	31.29066	75.26059	10/23/2021	12:37	D	4.50
242	KAPURTHALA	KAPURTHALA	S-NPP	31.38521	75.32236	10/23/2021	14:18	D	5.94
243	KAPURTHALA	KAPURTHALA	S-NPP	31.42040	75.37756	10/23/2021	14:18	D	7.02
244	KAPURTHALA	KAPURTHALA	TERRA	31.28162	75.27578	10/23/2021	11:18	D	6.31
245	KAPURTHALA	KAPURTHALA	TERRA	31.32101	75.26199	10/23/2021	11:18	D	8.92
246	KAPURTHALA	NADALA	S-NPP	31.56811	75.41113	10/23/2021	12:37	D	6.96

247	KAPURTHALA	NADALA	S-NPP	31.57163	75.48139	10/23/2021	14:18	D	7.88
248	KAPURTHALA	NADALA	S-NPP	31.57237	75.58134	10/23/2021	14:18	D	8.88
249	KAPURTHALA	NADALA	S-NPP	31.57260	75.40938	10/23/2021	14:18	D	4.39
250	KAPURTHALA	NADALA	S-NPP	31.57266	75.58588	10/23/2021	14:18	D	8.88
251	KAPURTHALA	NADALA	S-NPP	31.57275	75.49289	10/23/2021	12:37	D	5.97
252	KAPURTHALA	NADALA	S-NPP	31.57446	75.48273	10/23/2021	12:37	D	13.36
253	KAPURTHALA	NADALA	S-NPP	31.57599	75.48828	10/23/2021	12:37	D	13.36
254	KAPURTHALA	NADALA	S-NPP	31.57606	75.51272	10/23/2021	12:37	D	10.55
255	KAPURTHALA	NADALA	S-NPP	31.57612	75.53704	10/23/2021	12:37	D	11.99
256	KAPURTHALA	NADALA	S-NPP	31.57614	75.46297	10/23/2021	14:18	D	7.45
257	KAPURTHALA	NADALA	S-NPP	31.57643	75.46745	10/23/2021	14:18	D	7.45
258	KAPURTHALA	NADALA	S-NPP	31.57717	75.53408	10/23/2021	12:37	D	11.17
259	KAPURTHALA	NADALA	S-NPP	31.57723	75.50963	10/23/2021	12:37	D	11.58
260	KAPURTHALA	NADALA	S-NPP	31.57729	75.48509	10/23/2021	12:37	D	16.59
261	KAPURTHALA	NADALA	S-NPP	31.57732	75.48093	10/23/2021	14:18	D	7.88
262	KAPURTHALA	NADALA	S-NPP	31.57752	75.49385	10/23/2021	12:37	D	14.61
263	KAPURTHALA	NADALA	S-NPP	31.57763	75.54257	10/23/2021	12:37	D	8.04
264	KAPURTHALA	NADALA	S-NPP	31.57826	75.40892	10/23/2021	14:18	D	6.87
265	KAPURTHALA	NADALA	S-NPP	31.57866	75.53963	10/23/2021	12:37	D	10.00
266	KAPURTHALA	NADALA	S-NPP	31.57873	75.51519	10/23/2021	12:37	D	20.73
267	KAPURTHALA	NADALA	S-NPP	31.57878	75.49067	10/23/2021	12:37	D	21.90
268	KAPURTHALA	NADALA	S-NPP	31.58015	75.54517	10/23/2021	12:37	D	10.00
269	KAPURTHALA	NADALA	S-NPP	31.58203	75.48610	10/23/2021	12:37	D	14.36
270	KAPURTHALA	NADALA	S-NPP	31.58209	75.51053	10/23/2021	12:37	D	10.55
271	KAPURTHALA	NADALA	S-NPP	31.58215	75.53487	10/23/2021	12:37	D	6.08
272	KAPURTHALA	NADALA	S-NPP	31.58333	75.48289	10/23/2021	12:37	D	16.59
273	KAPURTHALA	NADALA	S-NPP	31.58356	75.49167	10/23/2021	12:37	D	21.85
274	KAPURTHALA	NADALA	S-NPP	31.58359	75.48948	10/23/2021	14:18	D	4.53
275	KAPURTHALA	NADALA	S-NPP	31.58362	75.51608	10/23/2021	12:37	D	17.13
276	KAPURTHALA	NADALA	S-NPP	31.58366	75.54039	10/23/2021	12:37	D	7.99
277	KAPURTHALA	NADALA	S-NPP	31.58483	75.48846	10/23/2021	12:37	D	21.90
278	KAPURTHALA	NADALA	S-NPP	31.58929	75.48902	10/23/2021	14:18	D	4.53
279	KAPURTHALA	NADALA	S-NPP	31.58955	75.46500	10/23/2021	12:37	D	5.75

280	KAPURTHALA	NADALA	S-NPP	31.59048	75.50704	10/23/2021	14:18	D	2.64
281	KAPURTHALA	NADALA	S-NPP	31.59071	75.59824	10/23/2021	14:18	D	6.51
282	KAPURTHALA	NADALA	S-NPP	31.59633	75.47401	10/23/2021	14:18	D	7.53
283	KAPURTHALA	NADALA	S-NPP	31.59661	75.47851	10/23/2021	14:18	D	7.53
284	KAPURTHALA	NADALA	S-NPP	31.59723	75.54156	10/23/2021	12:37	D	5.63
285	KAPURTHALA	NADALA	S-NPP	31.59976	75.47460	10/23/2021	14:18	D	8.98
286	KAPURTHALA	NADALA	S-NPP	31.60006	75.47910	10/23/2021	14:18	D	10.97
287	KAPURTHALA	NADALA	S-NPP	31.60026	75.55260	10/23/2021	12:37	D	5.17
288	KAPURTHALA	NADALA	S-NPP	31.60096	75.55091	10/23/2021	14:18	D	5.99
289	KAPURTHALA	NADALA	S-NPP	31.60488	75.55138	10/23/2021	14:18	D	10.02
290	KAPURTHALA	NADALA	S-NPP	31.60518	75.55593	10/23/2021	14:18	D	10.02
291	KAPURTHALA	NADALA	S-NPP	31.60667	75.55044	10/23/2021	14:18	D	5.99
292	KAPURTHALA	NADALA	S-NPP	31.61681	75.56478	10/23/2021	12:37	D	4.04
293	KAPURTHALA	NADALA	S-NPP	31.62074	75.49918	10/23/2021	14:18	D	5.75
294	KAPURTHALA	NADALA	S-NPP	31.62324	75.53996	10/23/2021	14:18	D	5.94
295	KAPURTHALA	NADALA	S-NPP	31.62434	75.49980	10/23/2021	14:18	D	3.76
296	KAPURTHALA	NADALA	S-NPP	31.62679	75.53598	10/23/2021	14:18	D	4.43
297	KAPURTHALA	NADALA	S-NPP	31.62710	75.54050	10/23/2021	14:18	D	10.85
298	KAPURTHALA	NADALA	S-NPP	31.62895	75.53948	10/23/2021	14:18	D	5.94
299	KAPURTHALA	NADALA	S-NPP	31.63606	75.56177	10/23/2021	14:18	D	5.11
300	KAPURTHALA	NADALA	AQUA	31.58172	75.48461	10/23/2021	12:59	D	201.50
301	KAPURTHALA	NADALA	AQUA	31.59049	75.48909	10/23/2021	12:59	D	119.47
302	KAPURTHALA	NADALA	TERRA	31.63422	75.56353	10/23/2021	11:18	D	32.89
303	KAPURTHALA	PHAGWARA	S-NPP	31.27132	75.87780	10/23/2021	14:18	D	6.95
304	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.16871	75.12045	10/23/2021	12:37	D	9.77
305	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.17164	75.12502	10/23/2021	14:18	D	5.22
306	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.17228	75.12428	10/23/2021	14:18	D	9.19
307	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.17663	75.11608	10/23/2021	14:18	D	3.78
308	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.17722	75.11539	10/23/2021	14:18	D	4.49
309	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.18217	75.11562	10/23/2021	14:18	D	3.78
310	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.19226	75.13149	10/23/2021	12:37	D	10.70
311	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.23909	75.29549	10/23/2021	14:18	D	4.31
312	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.23939	75.29981	10/23/2021	14:18	D	4.31

313	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.25236	75.24239	10/23/2021	14:18	D	9.99
314	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.26883	75.23669	10/23/2021	14:18	D	3.57
315	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.27235	75.23601	10/23/2021	14:18	D	20.56
316	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.27290	75.24462	10/23/2021	14:18	D	14.25
317	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.27442	75.23623	10/23/2021	14:18	D	16.15
318	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.27502	75.24483	10/23/2021	14:18	D	18.20
319	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.27849	75.24414	10/23/2021	14:18	D	5.64
320	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.28451	75.26282	10/23/2021	12:37	D	4.50
321	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.28717	75.20451	10/23/2021	14:18	D	1.81
322	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.28960	75.26415	10/23/2021	12:37	D	12.04
323	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.29555	75.24700	10/23/2021	14:18	D	6.17
324	KAPURTHALA	SULTANPUR LODHI	AQUA	31.16372	75.08804	10/23/2021	12:59	D	55.93
325	KAPURTHALA	SULTANPUR LODHI	AQUA	31.17363	75.12936	10/23/2021	12:59	D	59.82
326	KAPURTHALA	SULTANPUR LODHI	AQUA	31.17760	75.12391	10/23/2021	12:59	D	55.70
327	KAPURTHALA	SULTANPUR LODHI	TERRA	31.20212	75.25271	10/23/2021	11:18	D	11.43
328	KAPURTHALA	SULTANPUR LODHI	TERRA	31.20379	75.24206	10/23/2021	11:18	D	8.64
329	KAPURTHALA	SULTANPUR LODHI	TERRA	31.22917	75.25835	10/23/2021	11:18	D	4.81
330	KAPURTHALA	SULTANPUR LODHI	AQUA	31.28168	75.26481	10/23/2021	12:59	D	30.79
331	KAPURTHALA	SULTANPUR LODHI	TERRA	31.28329	75.26511	10/23/2021	11:18	D	6.76
332	KAPURTHALA	SULTANPUR LODHI	TERRA	31.28526	75.13387	10/23/2021	11:18	D	9.53
333	LUDHIANA	DORAHA	S-NPP	30.77011	75.97073	10/23/2021	12:37	D	10.25
334	LUDHIANA	JAGRAON	S-NPP	30.60504	75.41296	10/23/2021	14:18	D	4.72
335	LUDHIANA	JAGRAON	S-NPP	30.76323	75.48125	10/23/2021	14:18	D	2.21
336	LUDHIANA	JAGRAON	S-NPP	30.76430	75.46268	10/23/2021	14:18	D	3.16
337	LUDHIANA	JAGRAON	S-NPP	30.76553	75.48014	10/23/2021	14:18	D	2.40
338	LUDHIANA	JAGRAON	S-NPP	30.79431	75.52279	10/23/2021	14:18	D	9.51
339	LUDHIANA	JAGRAON	S-NPP	30.79997	75.52232	10/23/2021	14:18	D	9.51
340	LUDHIANA	JAGRAON	S-NPP	30.80026	75.52674	10/23/2021	14:18	D	9.51
341	LUDHIANA	JAGRAON	S-NPP	30.80186	75.57882	10/23/2021	12:37	D	6.18
342	LUDHIANA	JAGRAON	S-NPP	30.80440	75.57491	10/23/2021	12:37	D	7.51
343	LUDHIANA	JAGRAON	S-NPP	30.80598	75.58064	10/23/2021	12:37	D	7.51
344	LUDHIANA	JAGRAON	S-NPP	30.80798	75.57661	10/23/2021	12:37	D	6.18
345	LUDHIANA	KHANNA	S-NPP	30.74026	76.07921	10/23/2021	12:37	D	2.56

346	LUDHIANA	KHANNA	TERRA	30.73464	76.24953	10/23/2021	11:18	D	8.34
347	LUDHIANA	LUDHIANA-1	S-NPP	30.85516	75.66551	10/23/2021	14:18	D	2.84
348	LUDHIANA	LUDHIANA-2	TERRA	31.01100	75.75362	10/23/2021	11:18	D	5.40
349	LUDHIANA	MACHHIWARA	S-NPP	30.88103	76.31572	10/23/2021	12:37	D	8.53
350	LUDHIANA	MACHHIWARA	S-NPP	30.88132	76.31427	10/23/2021	12:37	D	6.84
351	LUDHIANA	MACHHIWARA	S-NPP	30.92393	76.30478	10/23/2021	12:37	D	12.61
352	LUDHIANA	MACHHIWARA	S-NPP	30.97014	76.26017	10/23/2021	12:37	D	2.78
353	LUDHIANA	MALoud	TERRA	30.65087	75.98432	10/23/2021	11:18	D	11.49
354	LUDHIANA	MALoud	TERRA	30.66557	75.95271	10/23/2021	11:18	D	13.67
355	LUDHIANA	PAKHOWAL	S-NPP	30.65402	75.71452	10/23/2021	14:18	D	11.36
356	LUDHIANA	PAKHOWAL	S-NPP	30.65432	75.71901	10/23/2021	14:18	D	9.86
357	LUDHIANA	PAKHOWAL	S-NPP	30.70356	75.74928	10/23/2021	14:18	D	11.05
358	LUDHIANA	PAKHOWAL	S-NPP	30.70929	75.74879	10/23/2021	14:18	D	11.05
359	LUDHIANA	PAKHOWAL	S-NPP	30.75299	75.71342	10/23/2021	14:18	D	2.89
360	LUDHIANA	RAIKOT	S-NPP	30.70640	75.52908	10/23/2021	14:18	D	3.54
361	LUDHIANA	RAIKOT	TERRA	30.70707	75.51763	10/23/2021	11:18	D	6.94
362	LUDHIANA	SAMRALA	S-NPP	30.74906	76.29514	10/23/2021	14:18	D	2.49
363	LUDHIANA	SAMRALA	S-NPP	30.75317	76.30116	10/23/2021	12:37	D	5.41
364	LUDHIANA	SAMRALA	S-NPP	30.76500	76.26443	10/23/2021	14:18	D	9.48
365	LUDHIANA	SAMRALA	S-NPP	30.76530	76.26933	10/23/2021	14:18	D	18.26
366	LUDHIANA	SAMRALA	S-NPP	30.77013	76.16821	10/23/2021	12:37	D	5.16
367	LUDHIANA	SAMRALA	S-NPP	30.77121	76.17053	10/23/2021	12:37	D	4.35
368	LUDHIANA	SAMRALA	S-NPP	30.78617	76.22369	10/23/2021	14:18	D	3.05
369	LUDHIANA	SAMRALA	S-NPP	30.79052	76.19904	10/23/2021	14:18	D	3.15
370	LUDHIANA	SAMRALA	S-NPP	30.80723	76.18321	10/23/2021	14:18	D	2.98
371	LUDHIANA	SIDHWAN BET	S-NPP	30.89260	75.59923	10/23/2021	14:18	D	4.98
372	LUDHIANA	SIDHWAN BET	S-NPP	30.91319	75.65440	10/23/2021	12:37	D	2.72
373	LUDHIANA	SIDHWAN BET	S-NPP	30.96679	75.51285	10/23/2021	14:18	D	14.83
374	LUDHIANA	SIDHWAN BET	S-NPP	30.96709	75.51727	10/23/2021	14:18	D	14.88
375	LUDHIANA	SIDHWAN BET	TERRA	30.90139	75.45914	10/23/2021	11:18	D	5.97
376	LUDHIANA	SIDHWAN BET	TERRA	30.90310	75.44835	10/23/2021	11:18	D	5.40
377	LUDHIANA	SUDHAR	S-NPP	30.76402	75.62231	10/23/2021	14:18	D	13.41
378	LUDHIANA	SUDHAR	S-NPP	30.76433	75.62675	10/23/2021	14:18	D	13.41

379	LUDHIANA	SUDHAR	S-NPP	30.76649	75.62322	10/23/2021	14:18	D	14.32
380	LUDHIANA	SUDHAR	S-NPP	30.76677	75.62769	10/23/2021	14:18	D	14.32
381	MANSA	BHIKHI	S-NPP	30.14253	75.46513	10/23/2021	12:35	D	2.77
382	MANSA	BUDHLADA	TERRA	29.83861	75.50431	10/23/2021	11:18	D	5.84
383	MANSA	SARDULGARH	S-NPP	29.73077	75.23907	10/23/2021	14:15	D	26.02
384	MANSA	SARDULGARH	S-NPP	29.73106	75.24315	10/23/2021	14:15	D	20.67
385	MANSA	SARDULGARH	S-NPP	29.82420	75.25833	10/23/2021	12:35	D	6.12
386	MANSA	SARDULGARH	S-NPP	29.82580	75.25468	10/23/2021	14:15	D	4.94
387	MANSA	SARDULGARH	S-NPP	29.82595	75.25986	10/23/2021	12:35	D	7.08
388	MANSA	SARDULGARH	S-NPP	29.82609	75.25879	10/23/2021	14:15	D	5.87
389	MOGA	BAGHA PURANA	TERRA	30.71072	74.90654	10/23/2021	11:18	D	9.52
390	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.89186	75.32607	10/23/2021	14:18	D	1.82
391	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.96375	75.28474	10/23/2021	12:37	D	5.47
392	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.96507	75.28214	10/23/2021	12:37	D	5.40
393	MOGA	MOGA-1	S-NPP	30.71313	75.13716	10/23/2021	14:18	D	2.61
394	MOGA	MOGA-1	S-NPP	30.86878	75.28979	10/23/2021	14:18	D	2.86
395	MOGA	MOGA-1	TERRA	30.84673	75.21994	10/23/2021	11:18	D	6.34
396	MOGA	NIHAL SINGH	S-NPP	30.52260	75.28848	10/23/2021	12:37	D	4.06
397	MOGA	NIHAL SINGH	S-NPP	30.54449	75.40895	10/23/2021	14:18	D	6.52
398	MOGA	NIHAL SINGH	S-NPP	30.54838	75.40916	10/23/2021	14:18	D	9.38
399	MOGA	NIHAL SINGH	S-NPP	30.56595	75.33443	10/23/2021	14:18	D	3.18
400	MOGA	NIHAL SINGH	S-NPP	30.59130	75.33376	10/23/2021	12:37	D	9.03
401	MUKTSAR	KOT BHAI AT GIDDERBAHA	TERRA	30.35194	74.77650	10/23/2021	11:18	D	4.59
402	MUKTSAR	LAMBI	TERRA	29.95189	74.49403	10/23/2021	11:18	D	32.35
403	MUKTSAR	LAMBI	TERRA	30.02438	74.50375	10/23/2021	11:18	D	13.52
404	MUKTSAR	MUKTSAR	S-NPP	30.52975	74.51350	10/23/2021	14:18	D	3.45
405	MUKTSAR	MUKTSAR	S-NPP	30.54399	74.48932	10/23/2021	14:18	D	2.28
406	MUKTSAR	MUKTSAR	S-NPP	30.54513	74.50443	10/23/2021	14:18	D	10.37
407	MUKTSAR	MUKTSAR	TERRA	30.59455	74.57999	10/23/2021	11:18	D	5.81
408	MUKTSAR	MUKTSAR	TERRA	30.61716	74.55241	10/23/2021	11:18	D	7.30
409	MUKTSAR	MUKTSAR	TERRA	30.61874	74.54203	10/23/2021	11:18	D	5.26



410	PATIALA	BHUNARHERI	S-NPP	30.08089	76.54098	10/23/2021	14:18	D	2.16
411	PATIALA	BHUNARHERI	S-NPP	30.10070	76.56953	10/23/2021	14:18	D	5.60
412	PATIALA	BHUNARHERI	S-NPP	30.11767	76.51400	10/23/2021	14:18	D	5.44
413	PATIALA	BHUNARHERI	S-NPP	30.12097	76.51315	10/23/2021	14:18	D	14.63
414	PATIALA	BHUNARHERI	S-NPP	30.12363	76.51355	10/23/2021	14:18	D	8.65
415	PATIALA	BHUNARHERI	S-NPP	30.13913	76.53098	10/23/2021	12:35	D	3.29
416	PATIALA	BHUNARHERI	S-NPP	30.14000	76.48495	10/23/2021	12:35	D	4.32
417	PATIALA	BHUNARHERI	S-NPP	30.15371	76.51621	10/23/2021	14:18	D	2.93
418	PATIALA	BHUNARHERI	S-NPP	30.16462	76.59560	10/23/2021	14:18	D	3.29
419	PATIALA	BHUNARHERI	S-NPP	30.17055	76.57698	10/23/2021	12:35	D	4.75
420	PATIALA	BHUNARHERI	S-NPP	30.19422	76.56885	10/23/2021	12:35	D	4.78
421	PATIALA	BHUNARHERI	S-NPP	30.21120	76.57207	10/23/2021	14:18	D	2.58
422	PATIALA	BHUNARHERI	S-NPP	30.23370	76.56917	10/23/2021	12:35	D	6.34
423	PATIALA	BHUNARHERI	TERRA	30.09255	76.56107	10/23/2021	11:18	D	6.71
424	PATIALA	BHUNARHERI	TERRA	30.12909	76.51980	10/23/2021	11:18	D	13.97
425	PATIALA	BHUNARHERI	TERRA	30.13169	76.52686	10/23/2021	11:18	D	8.86
426	PATIALA	BHUNARHERI	TERRA	30.13371	76.51500	10/23/2021	11:18	D	7.29
427	PATIALA	BHUNARHERI	AQUA	30.23395	76.57192	10/23/2021	12:59	D	26.90
428	PATIALA	BHUNARHERI	TERRA	30.24319	76.53265	10/23/2021	11:18	D	5.71
429	PATIALA	BHUNARHERI	TERRA	30.24869	76.55848	10/23/2021	11:18	D	7.17
430	PATIALA	GHANAUR	S-NPP	30.38960	76.67088	10/23/2021	14:18	D	3.78
431	PATIALA	GHANAUR	S-NPP	30.38991	76.67598	10/23/2021	14:18	D	3.78
432	PATIALA	GHANAUR	S-NPP	30.41937	76.66401	10/23/2021	12:35	D	4.27
433	PATIALA	GHANAUR	S-NPP	30.42069	76.66908	10/23/2021	12:35	D	4.27
434	PATIALA	GHANAUR	S-NPP	30.42175	76.66547	10/23/2021	12:37	D	4.38
435	PATIALA	NABHA	S-NPP	30.38581	76.23343	10/23/2021	14:18	D	3.15
436	PATIALA	NABHA	S-NPP	30.44547	76.26900	10/23/2021	14:18	D	6.48
437	PATIALA	NABHA	S-NPP	30.48715	76.11213	10/23/2021	14:18	D	5.55
438	PATIALA	NABHA	S-NPP	30.48743	76.11688	10/23/2021	14:18	D	5.55
439	PATIALA	NABHA	S-NPP	30.48838	76.11185	10/23/2021	14:18	D	5.33
440	PATIALA	NABHA	S-NPP	30.48869	76.11662	10/23/2021	14:18	D	5.33
441	PATIALA	NABHA	TERRA	30.45563	76.22336	10/23/2021	11:18	D	6.25
442	PATIALA	NABHA	AQUA	30.48095	76.12199	10/23/2021	12:59	D	45.92

443	PATIALA	NABHA	AQUA	30.48884	76.12359	10/23/2021	12:59	D	47.93
444	PATIALA	PATIALA	S-NPP	30.29002	76.30870	10/23/2021	14:18	D	8.09
445	PATIALA	PATIALA	S-NPP	30.36189	76.34435	10/23/2021	12:35	D	5.06
446	PATIALA	PATIALA	S-NPP	30.36508	76.33165	10/23/2021	12:35	D	11.29
447	PATIALA	PATIALA	S-NPP	30.36563	76.33434	10/23/2021	12:37	D	13.80
448	PATIALA	PATIALA	S-NPP	30.38918	76.34937	10/23/2021	12:37	D	5.24
449	PATIALA	PATIALA	S-NPP	30.40209	76.27531	10/23/2021	12:37	D	13.84
450	PATIALA	PATRAN	S-NPP	29.85966	76.18724	10/23/2021	14:15	D	2.90
451	PATIALA	PATRAN	S-NPP	29.86794	76.07172	10/23/2021	12:35	D	5.45
452	PATIALA	PATRAN	S-NPP	29.87047	76.20462	10/23/2021	12:35	D	12.43
453	PATIALA	PATRAN	S-NPP	29.87232	76.20412	10/23/2021	12:35	D	13.96
454	PATIALA	PATRAN	S-NPP	29.87493	76.22113	10/23/2021	12:35	D	6.45
455	PATIALA	PATRAN	S-NPP	29.87618	76.17184	10/23/2021	14:15	D	2.97
456	PATIALA	PATRAN	S-NPP	29.87813	76.22620	10/23/2021	12:35	D	5.94
457	PATIALA	PATRAN	S-NPP	29.92825	76.17268	10/23/2021	12:35	D	10.53
458	PATIALA	PATRAN	S-NPP	29.94354	76.15535	10/23/2021	12:35	D	4.64
459	PATIALA	PATRAN	S-NPP	29.99162	76.18696	10/23/2021	12:35	D	10.96
460	PATIALA	PATRAN	S-NPP	29.99423	76.18285	10/23/2021	12:35	D	10.37
461	PATIALA	PATRAN	S-NPP	29.99767	76.18484	10/23/2021	12:35	D	5.47
462	PATIALA	PATRAN	TERRA	29.93469	76.16238	10/23/2021	11:18	D	5.80
463	PATIALA	PATRAN	TERRA	29.93660	76.15089	10/23/2021	11:18	D	6.38
464	PATIALA	RAJPURA	S-NPP	30.52832	76.73511	10/23/2021	14:18	D	3.39
465	PATIALA	RAJPURA	S-NPP	30.52914	76.73588	10/23/2021	14:18	D	3.54
466	PATIALA	RAJPURA	S-NPP	30.55466	76.65128	10/23/2021	14:18	D	6.39
467	PATIALA	RAJPURA	S-NPP	30.56217	76.67647	10/23/2021	14:18	D	2.44
468	PATIALA	RAJPURA	S-NPP	30.57279	76.65115	10/23/2021	12:37	D	8.07
469	PATIALA	RAJPURA	S-NPP	30.57856	76.75426	10/23/2021	12:37	D	3.66
470	PATIALA	RAJPURA	S-NPP	30.58040	76.75224	10/23/2021	12:37	D	4.76
471	PATIALA	RAJPURA	S-NPP	30.58527	76.67434	10/23/2021	12:37	D	2.80
472	PATIALA	RAJPURA	TERRA	30.55015	76.59489	10/23/2021	11:18	D	6.46
473	PATIALA	SAMANA	S-NPP	30.06215	76.18954	10/23/2021	12:35	D	3.50
474	PATIALA	SAMANA	S-NPP	30.06888	76.19655	10/23/2021	14:18	D	13.23
475	PATIALA	SAMANA	S-NPP	30.07014	76.19612	10/23/2021	14:18	D	11.95

476	PATIALA	SAMANA	S-NPP	30.09089	76.24223	10/23/2021	14:18	D	3.94
477	PATIALA	SAMANA	S-NPP	30.14795	76.23802	10/23/2021	14:18	D	6.56
478	PATIALA	SANAUR	S-NPP	30.13019	76.27298	10/23/2021	12:35	D	5.43
479	PATIALA	SANAUR	S-NPP	30.15786	76.39241	10/23/2021	14:18	D	2.42
480	PATIALA	SANAUR	S-NPP	30.17634	76.37706	10/23/2021	12:35	D	2.51
481	PATIALA	SANAUR	S-NPP	30.19252	76.38890	10/23/2021	12:35	D	5.67
482	PATIALA	SANAUR	S-NPP	30.20727	76.39541	10/23/2021	12:35	D	3.20
483	PATIALA	SANAUR	S-NPP	30.20833	76.38297	10/23/2021	14:18	D	3.97
484	PATIALA	SANAUR	S-NPP	30.27900	76.37264	10/23/2021	14:18	D	3.11
485	PATIALA	SANAUR	S-NPP	30.28501	76.51968	10/23/2021	12:35	D	3.03
486	PATIALA	SANAUR	TERRA	30.12048	76.33505	10/23/2021	11:18	D	10.26
487	PATIALA	SANAUR	TERRA	30.15266	76.31795	10/23/2021	11:18	D	5.18
488	PATIALA	SANAUR	TERRA	30.30977	76.54737	10/23/2021	11:18	D	6.26
489	PATIALA	SHAMBU KALAN	S-NPP	30.43480	76.58783	10/23/2021	14:18	D	3.92
490	RUPNAGAR	MORINDA	S-NPP	30.75284	76.45926	10/23/2021	14:18	D	8.12
491	RUPNAGAR	MORINDA	S-NPP	30.77363	76.52485	10/23/2021	12:37	D	4.94
492	RUPNAGAR	MORINDA	S-NPP	30.79218	76.47387	10/23/2021	12:37	D	2.79
493	RUPNAGAR	MORINDA	S-NPP	30.82287	76.52495	10/23/2021	14:18	D	7.22
494	RUPNAGAR	MORINDA	S-NPP	30.82568	76.52708	10/23/2021	14:18	D	6.43
495	RUPNAGAR	MORINDA	S-NPP	30.83612	76.54439	10/23/2021	14:18	D	7.20
496	RUPNAGAR	MORINDA	S-NPP	30.83710	76.51611	10/23/2021	14:18	D	4.37
497	RUPNAGAR	MORINDA	S-NPP	30.83852	76.54145	10/23/2021	14:18	D	4.11
498	RUPNAGAR	MORINDA	S-NPP	30.84054	76.51863	10/23/2021	14:18	D	4.35
499	RUPNAGAR	MORINDA	TERRA	30.81292	76.45216	10/23/2021	11:18	D	5.44
500	RUPNAGAR	RUPNAGAR	AQUA	30.99100	76.54546	10/23/2021	12:59	D	36.10
501	SANGRUR	BHAWANIGARH	S-NPP	30.30345	75.95626	10/23/2021	14:18	D	3.45
502	SANGRUR	BHAWANIGARH	S-NPP	30.32807	75.97749	10/23/2021	14:18	D	3.59
503	SANGRUR	BHAWANIGARH	TERRA	30.24896	76.05976	10/23/2021	11:18	D	22.13
504	SANGRUR	BHAWANIGARH	TERRA	30.25828	76.06177	10/23/2021	11:18	D	12.64
505	SANGRUR	DHURI	S-NPP	30.36059	75.94239	10/23/2021	14:18	D	4.79
506	SANGRUR	DHURI	S-NPP	30.38031	75.90578	10/23/2021	12:37	D	5.42
507	SANGRUR	DHURI	AQUA	30.29907	75.78450	10/23/2021	12:59	D	33.64
508	SANGRUR	DHURI	TERRA	30.35931	75.77622	10/23/2021	11:18	D	4.66

509	SANGRUR	DHURI	TERRA	30.36111	75.76516	10/23/2021	11:18	D	5.08
510	SANGRUR	DHURI	TERRA	30.38373	75.91965	10/23/2021	11:18	D	5.75
511	SANGRUR	DIRBA	S-NPP	30.09958	76.06511	10/23/2021	12:35	D	3.71
512	SANGRUR	LEHRA GAGA	TERRA	29.89314	75.85373	10/23/2021	11:18	D	9.49
513	SANGRUR	LEHRA GAGA	TERRA	29.94661	75.76115	10/23/2021	11:18	D	9.58
514	SANGRUR	LEHRA GAGA	TERRA	29.97611	75.85418	10/23/2021	11:18	D	6.34
515	SANGRUR	MALERKOTLA-1	S-NPP	30.38305	76.01424	10/23/2021	12:37	D	6.43
516	SANGRUR	MALERKOTLA-1	S-NPP	30.50177	76.06347	10/23/2021	14:18	D	8.19
517	SANGRUR	MALERKOTLA-1	S-NPP	30.50270	76.06334	10/23/2021	14:18	D	3.94
518	SANGRUR	MALERKOTLA-1	S-NPP	30.50301	76.06802	10/23/2021	14:18	D	3.94
519	SANGRUR	MALERKOTLA-1	S-NPP	30.51600	76.01043	10/23/2021	14:18	D	4.31
520	SANGRUR	MALERKOTLA-1	TERRA	30.40743	75.83238	10/23/2021	11:18	D	9.64
521	SANGRUR	MALERKOTLA-2	S-NPP	30.49414	75.85439	10/23/2021	14:18	D	2.53
522	SANGRUR	MALERKOTLA-2	S-NPP	30.49453	75.85421	10/23/2021	14:18	D	2.73
523	SANGRUR	MALERKOTLA-2	S-NPP	30.50486	75.83501	10/23/2021	14:18	D	6.28
524	SANGRUR	MALERKOTLA-2	S-NPP	30.57748	75.68467	10/23/2021	14:18	D	3.71
525	SANGRUR	MALERKOTLA-2	S-NPP	30.58099	75.68358	10/23/2021	14:18	D	4.76
526	SANGRUR	SANGRUR	S-NPP	30.26768	75.79713	10/23/2021	12:37	D	9.73
527	SANGRUR	SANGRUR	S-NPP	30.26922	75.80285	10/23/2021	12:37	D	11.74
528	SANGRUR	SHER PUR	S-NPP	30.36024	75.68246	10/23/2021	12:37	D	3.66
529	SANGRUR	SHER PUR	S-NPP	30.46104	75.79299	10/23/2021	14:18	D	9.61
530	SANGRUR	SHER PUR	S-NPP	30.46183	75.79279	10/23/2021	14:18	D	10.56
531	SANGRUR	SHER PUR	TERRA	30.37751	75.72295	10/23/2021	11:18	D	13.11
532	SANGRUR	SHER PUR	TERRA	30.37930	75.71192	10/23/2021	11:18	D	4.80
533	SANGRUR	SUNAM	S-NPP	30.02232	75.83425	10/23/2021	14:18	D	5.76
534	SANGRUR	SUNAM	S-NPP	30.07282	75.81660	10/23/2021	14:18	D	4.56
535	SANGRUR	SUNAM	S-NPP	30.07396	75.81629	10/23/2021	14:18	D	5.89
536	SANGRUR	SUNAM	AQUA	30.14151	75.76222	10/23/2021	12:59	D	46.65
537	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.45716	76.76079	10/23/2021	12:35	D	4.37
538	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.46013	76.76199	10/23/2021	12:37	D	6.49
539	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.54809	76.75977	10/23/2021	14:18	D	3.57

540	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.54877	76.76053	10/23/2021	14:18	D	4.24
541	SAS NAGAR (MOHALI)	DERABASSI	TERRA	30.46249	76.76156	10/23/2021	11:18	D	7.37
542	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.64632	76.71359	10/23/2021	12:37	D	5.97
543	SAS NAGAR (MOHALI)	KHARAR	TERRA	30.73672	76.58729	10/23/2021	11:18	D	5.52
544	SBS NAGAR	BALACHAUR	S-NPP	31.02708	76.27885	10/23/2021	14:18	D	4.61
545	SBS NAGAR	BALACHAUR	S-NPP	31.02736	76.28379	10/23/2021	14:18	D	7.76
546	SBS NAGAR	BALACHAUR	S-NPP	31.02929	76.28215	10/23/2021	14:18	D	5.51
547	SBS NAGAR	BANGA	S-NPP	31.18807	75.85429	10/23/2021	14:18	D	2.77
548	SBS NAGAR	BANGA	TERRA	31.21839	76.08660	10/23/2021	11:18	D	8.04
549	SBS NAGAR	NAWAN SHAHR	S-NPP	31.00782	76.22452	10/23/2021	14:18	D	5.20
550	SBS NAGAR	NAWAN SHAHR	S-NPP	31.00813	76.22942	10/23/2021	14:18	D	5.20
551	SBS NAGAR	NAWAN SHAHR	S-NPP	31.04471	76.17416	10/23/2021	14:18	D	3.55
552	SBS NAGAR	NAWAN SHAHR	TERRA	31.03565	76.22744	10/23/2021	11:18	D	23.30
553	SBS NAGAR	SAROYA	S-NPP	31.17834	76.26034	10/23/2021	12:37	D	2.44
554	TARN TARAN	BHIKHIWIND	TERRA	31.26892	74.70111	10/23/2021	11:18	D	7.89
555	TARN TARAN	BHIKHIWIND	TERRA	31.32410	74.70152	10/23/2021	11:18	D	5.25
556	TARN TARAN	BHIKHIWIND	TERRA	31.36166	74.75878	10/23/2021	11:18	D	6.89
557	TARN TARAN	BHIKHIWIND	TERRA	31.37179	74.63166	10/23/2021	11:18	D	15.25
558	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26470	75.03167	10/23/2021	14:18	D	2.22
559	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26546	75.03220	10/23/2021	14:18	D	2.53
560	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26941	75.06100	10/23/2021	12:37	D	9.21
561	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27105	75.06691	10/23/2021	12:37	D	10.20
562	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28474	74.94257	10/23/2021	12:37	D	6.83
563	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28541	74.93964	10/23/2021	12:37	D	9.47
564	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28725	75.00159	10/23/2021	12:37	D	4.09
565	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28764	75.04227	10/23/2021	14:18	D	7.28
566	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29098	74.94025	10/23/2021	12:37	D	4.96
567	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29316	75.04180	10/23/2021	14:18	D	7.28
568	TARN TARAN	CHOHLA SAHIB	S-NPP	31.30668	75.04733	10/23/2021	12:37	D	4.62
569	TARN TARAN	CHOHLA SAHIB	S-NPP	31.32601	75.11543	10/23/2021	14:18	D	5.09
570	TARN TARAN	CHOHLA SAHIB	S-NPP	31.35515	75.05329	10/23/2021	14:18	D	6.96

571	TARN TARAN	CHOHLA SAHIB	TERRA	31.24824	74.95627	10/23/2021	11:18	D	5.03
572	TARN TARAN	CHOHLA SAHIB	TERRA	31.27102	74.92839	10/23/2021	11:18	D	9.33
573	TARN TARAN	CHOHLA SAHIB	TERRA	31.28658	75.00763	10/23/2021	11:18	D	5.42
574	TARN TARAN	CHOHLA SAHIB	TERRA	31.29144	74.97601	10/23/2021	11:18	D	9.66
575	TARN TARAN	CHOHLA SAHIB	TERRA	31.30041	74.97785	10/23/2021	11:18	D	8.41
576	TARN TARAN	CHOHLA SAHIB	TERRA	31.35475	75.10452	10/23/2021	11:18	D	6.72
577	TARN TARAN	GANDIWIND TATLA	S-NPP	31.53960	74.69337	10/23/2021	14:18	D	4.82
578	TARN TARAN	KHADUR SAHIB	S-NPP	31.35335	75.15755	10/23/2021	12:37	D	5.78
579	TARN TARAN	KHADUR SAHIB	S-NPP	31.35762	75.15885	10/23/2021	12:37	D	5.05
580	TARN TARAN	KHADUR SAHIB	S-NPP	31.40572	75.12576	10/23/2021	12:37	D	10.50
581	TARN TARAN	KHADUR SAHIB	S-NPP	31.41027	75.11761	10/23/2021	12:37	D	7.54
582	TARN TARAN	KHADUR SAHIB	S-NPP	31.43210	75.12797	10/23/2021	14:18	D	3.57
583	TARN TARAN	KHADUR SAHIB	S-NPP	31.45814	75.13556	10/23/2021	12:37	D	3.81
584	TARN TARAN	KHADUR SAHIB	S-NPP	31.47445	75.20351	10/23/2021	12:37	D	3.09
585	TARN TARAN	KHADUR SAHIB	S-NPP	31.49257	75.19178	10/23/2021	14:18	D	2.19
586	TARN TARAN	KHADUR SAHIB	S-NPP	31.50145	75.10020	10/23/2021	14:18	D	3.79
587	TARN TARAN	KHADUR SAHIB	S-NPP	31.52074	75.06719	10/23/2021	12:37	D	2.97
588	TARN TARAN	KHADUR SAHIB	TERRA	31.39118	75.10715	10/23/2021	11:18	D	6.85
589	TARN TARAN	KHADUR SAHIB	TERRA	31.40749	75.12146	10/23/2021	11:18	D	12.56
590	TARN TARAN	KHADUR SAHIB	TERRA	31.43686	75.17133	10/23/2021	11:18	D	4.05
591	TARN TARAN	KHADUR SAHIB	TERRA	31.43850	75.16072	10/23/2021	11:18	D	9.18
592	TARN TARAN	KHADUR SAHIB	TERRA	31.44669	75.10773	10/23/2021	11:18	D	6.93
593	TARN TARAN	KHADUR SAHIB	TERRA	31.45567	75.10960	10/23/2021	11:18	D	13.40
594	TARN TARAN	KHADUR SAHIB	TERRA	31.47441	75.04800	10/23/2021	11:18	D	5.47
595	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.32795	74.94405	10/23/2021	12:37	D	4.11
596	TARN TARAN	NAUSHERA PANNUAN	TERRA	31.33756	74.91602	10/23/2021	11:18	D	14.27
597	TARN TARAN	PATTI	S-NPP	31.14474	74.76329	10/23/2021	12:37	D	5.46
598	TARN TARAN	PATTI	S-NPP	31.15594	74.82768	10/23/2021	12:37	D	8.15
599	TARN TARAN	PATTI	S-NPP	31.15741	74.83014	10/23/2021	12:37	D	8.78
600	TARN TARAN	PATTI	S-NPP	31.18196	74.94767	10/23/2021	14:18	D	4.30
601	TARN TARAN	PATTI	S-NPP	31.30886	74.87991	10/23/2021	12:37	D	7.09
602	TARN TARAN	PATTI	S-NPP	31.30928	74.87725	10/23/2021	12:37	D	6.89
603	TARN TARAN	PATTI	S-NPP	31.31989	74.79092	10/23/2021	14:18	D	6.81

604	TARN TARAN	PATTI	TERRA	31.13598	74.84505	10/23/2021	11:18	D	8.27
605	TARN TARAN	PATTI	TERRA	31.17334	74.90237	10/23/2021	11:18	D	13.36
606	TARN TARAN	PATTI	TERRA	31.20344	74.88686	10/23/2021	11:18	D	19.76
607	TARN TARAN	PATTI	TERRA	31.25294	74.80566	10/23/2021	11:18	D	5.20
608	TARN TARAN	PATTI	TERRA	31.33668	74.86170	10/23/2021	11:18	D	7.66
609	TARN TARAN	PATTI	TERRA	31.36031	74.88818	10/23/2021	11:18	D	5.36
610	TARN TARAN	TARN TARAN	S-NPP	31.48895	74.99513	10/23/2021	14:18	D	2.97
611	TARN TARAN	TARN TARAN	TERRA	31.42291	74.84204	10/23/2021	11:18	D	21.50
612	TARN TARAN	TARN TARAN	TERRA	31.43185	74.84387	10/23/2021	11:18	D	7.54
613	TARN TARAN	TARN TARAN	TERRA	31.43987	74.79147	10/23/2021	11:18	D	7.02
614	TARN TARAN	VALTOHA	S-NPP	31.21556	74.57706	10/23/2021	14:18	D	4.31
615	TARN TARAN	VALTOHA	S-NPP	31.22931	74.54444	10/23/2021	14:18	D	6.93
616	TARN TARAN	VALTOHA	S-NPP	31.22960	74.54832	10/23/2021	14:18	D	6.93
617	TARN TARAN	VALTOHA	S-NPP	31.23193	74.54708	10/23/2021	14:18	D	6.38
618	TARN TARAN	VALTOHA	S-NPP	31.25820	74.53676	10/23/2021	14:18	D	2.55
619	TARN TARAN	VALTOHA	S-NPP	31.26579	74.56752	10/23/2021	14:18	D	3.77
620	TARN TARAN	VALTOHA	TERRA	31.11041	74.71042	10/23/2021	11:18	D	13.73

### Details of residue burning events in Haryana on 23-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBALA	AMBALA-I	S-NPP	30.35280	76.90295	10/23/2021	12:35	D	3.03
2	AMBALA	AMBALA-II	S-NPP	30.09455	76.63117	10/23/2021	14:18	D	1.69
3	AMBALA	AMBALA-II	S-NPP	30.10863	76.59906	10/23/2021	14:18	D	3.25
4	AMBALA	AMBALA-II	S-NPP	30.11077	76.59966	10/23/2021	14:18	D	4.27
5	AMBALA	AMBALA-II	S-NPP	30.11165	76.61470	10/23/2021	14:18	D	3.08
6	AMBALA	AMBALA-II	S-NPP	30.20737	76.67323	10/23/2021	14:18	D	14.10
7	AMBALA	AMBALA-II	S-NPP	30.21166	76.67329	10/23/2021	14:18	D	8.51
8	AMBALA	AMBALA-II	S-NPP	30.21287	76.77045	10/23/2021	14:18	D	7.08
9	AMBALA	AMBALA-II	S-NPP	30.24006	76.77074	10/23/2021	12:35	D	1.40
10	AMBALA	AMBALA-II	TERRA	30.09964	76.63712	10/23/2021	11:18	D	8.16
11	AMBALA	AMBALA-II	TERRA	30.15165	76.64267	10/23/2021	11:18	D	7.91
12	AMBALA	AMBALA-II	TERRA	30.24289	76.76900	10/23/2021	11:18	D	7.17
13	AMBALA	AMBALA-II	TERRA	30.27078	76.66248	10/23/2021	11:18	D	6.28
14	AMBALA	BARARA	S-NPP	30.17600	76.98852	10/23/2021	14:18	D	3.62
15	AMBALA	BARARA	S-NPP	30.30916	77.16827	10/23/2021	14:18	D	3.28
16	AMBALA	NARAINGARH	S-NPP	30.34864	77.15239	10/23/2021	12:35	D	1.84
17	AMBALA	NARAINGARH	S-NPP	30.48771	77.08866	10/23/2021	14:18	D	4.66
18	AMBALA	SAHA	S-NPP	30.28937	77.03930	10/23/2021	14:18	D	3.09
19	AMBALA	SAHA	S-NPP	30.30337	76.99262	10/23/2021	12:35	D	5.22
20	FATEHABAD	BHUNA	S-NPP	29.51219	75.72607	10/23/2021	14:15	D	6.08
21	FATEHABAD	BHUNA	S-NPP	29.51491	75.72636	10/23/2021	14:15	D	5.35
22	FATEHABAD	BHUNA	S-NPP	29.60136	75.66228	10/23/2021	14:15	D	5.13
23	FATEHABAD	BHUNA	S-NPP	29.62203	75.67765	10/23/2021	14:15	D	4.06
24	FATEHABAD	BHUNA	S-NPP	29.62768	75.67715	10/23/2021	14:15	D	2.55
25	FATEHABAD	FATEHABAD	S-NPP	29.55109	75.51206	10/23/2021	14:15	D	2.31
26	FATEHABAD	JAKHAL	S-NPP	29.73631	75.84460	10/23/2021	14:15	D	3.57
27	FATEHABAD	JAKHAL	AQUA	29.78722	75.76984	10/23/2021	12:59	D	37.66
28	FATEHABAD	RATIA	S-NPP	29.62844	75.52184	10/23/2021	14:15	D	4.47
29	FATEHABAD	RATIA	S-NPP	29.62873	75.52608	10/23/2021	14:15	D	6.17



30	FATEHABAD	RATIA	S-NPP	29.74457	75.51460	10/23/2021	14:15	D	8.32
31	FATEHABAD	RATIA	TERRA	29.73146	75.49202	10/23/2021	11:18	D	6.88
32	FATEHABAD	TOHANA	S-NPP	29.65950	75.91650	10/23/2021	12:35	D	3.64
33	FATEHABAD	TOHANA	S-NPP	29.66447	75.85424	10/23/2021	12:35	D	3.56
34	FATEHABAD	TOHANA	S-NPP	29.73125	75.85030	10/23/2021	12:35	D	5.98
35	FATEHABAD	TOHANA	TERRA	29.69764	75.91613	10/23/2021	11:18	D	6.55
36	HISAR	HANSI-I	S-NPP	29.18583	76.05167	10/23/2021	12:35	D	4.32
37	HISAR	HANSI-I	S-NPP	29.18682	76.04893	10/23/2021	12:35	D	5.22
38	HISAR	UKLANA	TERRA	29.55242	75.90808	10/23/2021	11:18	D	6.78
39	HISAR	UKLANA	TERRA	29.55428	75.89677	10/23/2021	11:18	D	6.31
40	JIND	ALEWA	TERRA	29.54082	76.47701	10/23/2021	11:18	D	15.51
41	JIND	NARWANA	S-NPP	29.69077	76.10806	10/23/2021	14:15	D	3.53
42	JIND	NARWANA	S-NPP	29.70887	75.94597	10/23/2021	14:15	D	4.57
43	JIND	NARWANA	S-NPP	29.72303	76.06842	10/23/2021	14:15	D	4.41
44	JIND	NARWANA	S-NPP	29.78151	76.15584	10/23/2021	14:15	D	15.89
45	JIND	NARWANA	S-NPP	29.78160	76.15678	10/23/2021	14:15	D	26.14
46	JIND	NARWANA	S-NPP	29.78733	76.15536	10/23/2021	14:15	D	11.24
47	JIND	NARWANA	TERRA	29.68631	76.04306	10/23/2021	11:18	D	7.08
48	JIND	SAFIDON	S-NPP	29.44913	76.57408	10/23/2021	14:15	D	4.56
49	JIND	SAFIDON	S-NPP	29.44953	76.57165	10/23/2021	12:35	D	6.96
50	JIND	UCHANA	S-NPP	29.52948	76.07055	10/23/2021	12:35	D	5.34
51	JIND	UCHANA	S-NPP	29.54902	76.17845	10/23/2021	12:35	D	2.38
52	KAITHAL	GUHLA	S-NPP	29.95639	76.33276	10/23/2021	14:18	D	4.58
53	KAITHAL	GUHLA	S-NPP	29.98808	76.36420	10/23/2021	14:18	D	3.27
54	KAITHAL	GUHLA	S-NPP	29.99983	76.29245	10/23/2021	14:18	D	7.81
55	KAITHAL	GUHLA	S-NPP	30.00126	76.25814	10/23/2021	12:35	D	8.15
56	KAITHAL	GUHLA	S-NPP	30.00427	76.26034	10/23/2021	12:35	D	12.61
57	KAITHAL	GUHLA	S-NPP	30.00518	76.37914	10/23/2021	14:18	D	8.13
58	KAITHAL	GUHLA	S-NPP	30.00857	76.28533	10/23/2021	12:35	D	5.91
59	KAITHAL	GUHLA	S-NPP	30.00999	76.28217	10/23/2021	12:35	D	7.38
60	KAITHAL	GUHLA	S-NPP	30.01318	76.41269	10/23/2021	14:18	D	7.25
61	KAITHAL	GUHLA	S-NPP	30.01393	76.35415	10/23/2021	12:35	D	4.42
62	KAITHAL	GUHLA	S-NPP	30.01398	76.32992	10/23/2021	14:18	D	12.08

63	KAITHAL	GUHLA	S-NPP	30.01579	76.35887	10/23/2021	14:18	D	9.72
64	KAITHAL	GUHLA	S-NPP	30.02259	76.37292	10/23/2021	14:18	D	3.18
65	KAITHAL	GUHLA	S-NPP	30.02499	76.29744	10/23/2021	12:35	D	7.77
66	KAITHAL	GUHLA	S-NPP	30.02644	76.30286	10/23/2021	12:35	D	7.28
67	KAITHAL	GUHLA	S-NPP	30.02773	76.29974	10/23/2021	12:35	D	5.56
68	KAITHAL	GUHLA	S-NPP	30.03261	76.25152	10/23/2021	14:18	D	2.27
69	KAITHAL	GUHLA	S-NPP	30.09725	76.37261	10/23/2021	14:18	D	9.19
70	KAITHAL	GUHLA	S-NPP	30.09931	76.40672	10/23/2021	14:18	D	8.86
71	KAITHAL	GUHLA	S-NPP	30.09963	76.37193	10/23/2021	14:18	D	8.96
72	KAITHAL	GUHLA	S-NPP	30.10191	76.40598	10/23/2021	14:18	D	9.49
73	KAITHAL	GUHLA	S-NPP	30.12538	76.44402	10/23/2021	14:18	D	5.29
74	KAITHAL	GUHLA	S-NPP	30.17813	76.43018	10/23/2021	14:18	D	4.75
75	KAITHAL	GUHLA	TERRA	30.01048	76.43875	10/23/2021	11:18	D	8.13
76	KAITHAL	GUHLA	TERRA	30.01245	76.42696	10/23/2021	11:18	D	8.88
77	KAITHAL	GUHLA	TERRA	30.07878	76.35013	10/23/2021	11:18	D	6.31
78	KAITHAL	GUHLA	TERRA	30.08390	76.43632	10/23/2021	11:18	D	10.47
79	KAITHAL	GUHLA	TERRA	30.08823	76.35219	10/23/2021	11:18	D	7.16
80	KAITHAL	KAITHAL	S-NPP	29.75427	76.24808	10/23/2021	12:35	D	2.77
81	KAITHAL	KAITHAL	S-NPP	29.77427	76.34894	10/23/2021	12:35	D	8.19
82	KAITHAL	KAITHAL	S-NPP	29.81729	76.34782	10/23/2021	14:15	D	5.94
83	KAITHAL	KAITHAL	S-NPP	29.90825	76.44092	10/23/2021	12:35	D	2.85
84	KAITHAL	KAITHAL	TERRA	29.93134	76.47622	10/23/2021	11:18	D	7.91
85	KAITHAL	PUNDRI	S-NPP	29.64245	76.61070	10/23/2021	14:15	D	3.51
86	KAITHAL	PUNDRI	S-NPP	29.68785	76.57259	10/23/2021	14:15	D	3.02
87	KAITHAL	PUNDRI	S-NPP	29.70522	76.61672	10/23/2021	14:15	D	6.34
88	KAITHAL	PUNDRI	S-NPP	29.71807	76.63071	10/23/2021	14:15	D	7.41
89	KAITHAL	PUNDRI	S-NPP	29.73002	76.62981	10/23/2021	14:15	D	11.45
90	KAITHAL	PUNDRI	S-NPP	29.73033	76.63478	10/23/2021	14:15	D	21.44
91	KAITHAL	PUNDRI	AQUA	29.91393	76.61557	10/23/2021	12:59	D	29.30
92	KAITHAL	RAJOUND	S-NPP	29.58334	76.42893	10/23/2021	14:15	D	9.36
93	KAITHAL	RAJOUND	S-NPP	29.66934	76.56926	10/23/2021	12:35	D	2.90
94	KAITHAL	RAJOUND	S-NPP	29.67595	76.57349	10/23/2021	14:15	D	2.82
95	KAITHAL	SIWAN	S-NPP	29.87963	76.33391	10/23/2021	14:15	D	4.70

96	KAITHAL	SIWAN	S-NPP	29.88318	76.42024	10/23/2021	12:35	D	4.19
97	KAITHAL	SIWAN	S-NPP	29.88787	76.34236	10/23/2021	14:15	D	3.13
98	KAITHAL	SIWAN	S-NPP	29.92825	76.17268	10/23/2021	12:35	D	10.53
99	KAITHAL	SIWAN	S-NPP	29.94340	76.40651	10/23/2021	14:15	D	6.91
100	KAITHAL	SIWAN	S-NPP	29.94433	76.42107	10/23/2021	14:15	D	10.71
101	KAITHAL	SIWAN	S-NPP	29.99958	76.38442	10/23/2021	14:18	D	8.14
102	KAITHAL	SIWAN	S-NPP	30.00085	76.39713	10/23/2021	12:35	D	5.76
103	KAITHAL	SIWAN	S-NPP	30.00117	76.38262	10/23/2021	14:18	D	9.03
104	KAITHAL	SIWAN	S-NPP	30.00150	76.38748	10/23/2021	14:18	D	9.03
105	KAITHAL	SIWAN	S-NPP	30.00548	76.38400	10/23/2021	14:18	D	8.14
106	KAITHAL	SIWAN	TERRA	29.91663	76.38733	10/23/2021	11:18	D	6.01
107	KARNAL	ASSANDH	S-NPP	29.48462	76.53053	10/23/2021	12:35	D	6.61
108	KARNAL	ASSANDH	S-NPP	29.50965	76.54529	10/23/2021	14:15	D	2.31
109	KARNAL	ASSANDH	S-NPP	29.51603	76.57807	10/23/2021	12:35	D	7.39
110	KARNAL	ASSANDH	S-NPP	29.51673	76.57816	10/23/2021	12:35	D	4.37
111	KARNAL	ASSANDH	S-NPP	29.52276	76.56391	10/23/2021	14:15	D	2.11
112	KARNAL	ASSANDH	S-NPP	29.57440	76.71416	10/23/2021	14:15	D	5.50
113	KARNAL	ASSANDH	S-NPP	29.58837	76.62910	10/23/2021	12:35	D	4.65
114	KARNAL	ASSANDH	S-NPP	29.59987	76.77389	10/23/2021	12:35	D	3.87
115	KARNAL	ASSANDH	S-NPP	29.60040	76.77329	10/23/2021	12:35	D	3.77
116	KARNAL	ASSANDH	TERRA	29.52453	76.82073	10/23/2021	11:18	D	7.36
117	KARNAL	CHIRAO	S-NPP	29.60919	76.81021	10/23/2021	12:35	D	2.08
118	KARNAL	CHIRAO	S-NPP	29.62093	76.74781	10/23/2021	14:15	D	4.46
119	KARNAL	CHIRAO	S-NPP	29.67210	76.75115	10/23/2021	12:35	D	4.86
120	KARNAL	CHIRAO	S-NPP	29.67303	76.75459	10/23/2021	12:35	D	5.15
121	KARNAL	CHIRAO	S-NPP	29.68318	76.81866	10/23/2021	12:35	D	2.93
122	KARNAL	CHIRAO	S-NPP	29.71004	76.69885	10/23/2021	12:35	D	4.54
123	KARNAL	CHIRAO	S-NPP	29.75710	76.70569	10/23/2021	12:35	D	3.72
124	KARNAL	CHIRAO	S-NPP	29.76169	76.69848	10/23/2021	12:35	D	5.56
125	KARNAL	CHIRAO	TERRA	29.62810	76.87549	10/23/2021	11:18	D	18.51
126	KARNAL	CHIRAO	TERRA	29.63025	76.86306	10/23/2021	11:18	D	7.14
127	KARNAL	GHARAUNDA	S-NPP	29.53566	76.95010	10/23/2021	12:35	D	5.37
128	KARNAL	GHARAUNDA	S-NPP	29.53662	76.95153	10/23/2021	12:35	D	4.34

129	KARNAL	GHARAUNDA	S-NPP	29.55045	77.03307	10/23/2021	12:35	D	2.84
130	KARNAL	GHARAUNDA	S-NPP	29.55058	77.02923	10/23/2021	12:35	D	4.21
131	KARNAL	INDRI	S-NPP	29.80056	77.08434	10/23/2021	14:15	D	3.73
132	KARNAL	INDRI	S-NPP	29.86868	77.11301	10/23/2021	12:35	D	4.29
133	KARNAL	KARNAL	S-NPP	29.65104	77.08741	10/23/2021	12:35	D	4.14
134	KARNAL	KARNAL	S-NPP	29.65455	77.08701	10/23/2021	12:35	D	3.85
135	KARNAL	KARNAL	S-NPP	29.67612	77.05461	10/23/2021	14:15	D	4.19
136	KARNAL	KARNAL	S-NPP	29.73373	76.99358	10/23/2021	14:15	D	6.12
137	KARNAL	KARNAL	S-NPP	29.73389	76.99760	10/23/2021	14:15	D	6.80
138	KARNAL	KARNAL	TERRA	29.70653	76.89950	10/23/2021	11:18	D	10.49
139	KARNAL	KARNAL	TERRA	29.80360	76.99198	10/23/2021	11:18	D	6.28
140	KARNAL	NILOKHERI	S-NPP	29.85972	76.95441	10/23/2021	12:35	D	2.69
141	KARNAL	NILOKHERI	S-NPP	29.87482	76.78579	10/23/2021	14:15	D	2.04
142	KARNAL	NILOKHERI	S-NPP	29.88968	76.70416	10/23/2021	14:15	D	4.46
143	KARNAL	NILOKHERI	S-NPP	29.89344	76.69776	10/23/2021	14:15	D	5.95
144	KARNAL	NILOKHERI	S-NPP	29.89540	76.69867	10/23/2021	14:15	D	4.46
145	KURUKSHETRA	ISMAILABAD	S-NPP	30.04895	76.70477	10/23/2021	14:18	D	8.72
146	KURUKSHETRA	ISMAILABAD	S-NPP	30.04926	76.70984	10/23/2021	14:18	D	9.90
147	KURUKSHETRA	ISMAILABAD	S-NPP	30.06191	76.71909	10/23/2021	14:18	D	27.20
148	KURUKSHETRA	ISMAILABAD	S-NPP	30.11155	76.64423	10/23/2021	14:18	D	3.17
149	KURUKSHETRA	ISMAILABAD	S-NPP	30.12134	76.68368	10/23/2021	12:35	D	3.26
150	KURUKSHETRA	ISMAILABAD	S-NPP	30.13711	76.74017	10/23/2021	14:18	D	5.45
151	KURUKSHETRA	ISMAILABAD	TERRA	30.09510	76.72375	10/23/2021	11:18	D	6.79
152	KURUKSHETRA	ISMAILABAD	TERRA	30.10096	76.70641	10/23/2021	11:18	D	6.45
153	KURUKSHETRA	PEHOWA	S-NPP	29.91809	76.47705	10/23/2021	14:15	D	7.48
154	KURUKSHETRA	PEHOWA	S-NPP	29.95932	76.63603	10/23/2021	12:35	D	3.92
155	KURUKSHETRA	PEHOWA	S-NPP	29.96744	76.50292	10/23/2021	14:18	D	5.49
156	KURUKSHETRA	PEHOWA	S-NPP	29.97720	76.56178	10/23/2021	14:18	D	5.34
157	KURUKSHETRA	PEHOWA	S-NPP	29.97853	76.67731	10/23/2021	14:18	D	2.46
158	KURUKSHETRA	PEHOWA	S-NPP	29.98304	76.62793	10/23/2021	12:35	D	3.28
159	KURUKSHETRA	PEHOWA	S-NPP	29.98324	76.55382	10/23/2021	12:35	D	2.89
160	KURUKSHETRA	PEHOWA	S-NPP	29.98349	76.55321	10/23/2021	12:35	D	3.52
161	KURUKSHETRA	PEHOWA	S-NPP	29.98368	76.62708	10/23/2021	12:35	D	3.28

162	KURUKSHETRA	PEHOWA	S-NPP	29.98582	76.55315	10/23/2021	14:18	D	6.23
163	KURUKSHETRA	PEHOWA	S-NPP	29.99848	76.70634	10/23/2021	14:18	D	6.22
164	KURUKSHETRA	PEHOWA	S-NPP	30.00054	76.70329	10/23/2021	14:18	D	6.91
165	KURUKSHETRA	PEHOWA	S-NPP	30.00538	76.68256	10/23/2021	14:18	D	4.99
166	KURUKSHETRA	PEHOWA	S-NPP	30.01293	76.50626	10/23/2021	14:18	D	4.19
167	KURUKSHETRA	PEHOWA	S-NPP	30.01364	76.69643	10/23/2021	12:35	D	13.45
168	KURUKSHETRA	PEHOWA	S-NPP	30.01471	76.69537	10/23/2021	12:35	D	17.99
169	KURUKSHETRA	PEHOWA	S-NPP	30.01498	76.49937	10/23/2021	14:18	D	6.35
170	KURUKSHETRA	PEHOWA	S-NPP	30.01858	76.50086	10/23/2021	14:18	D	8.99
171	KURUKSHETRA	PEHOWA	S-NPP	30.02513	76.51029	10/23/2021	14:18	D	8.19
172	KURUKSHETRA	PEHOWA	S-NPP	30.02802	76.43095	10/23/2021	12:35	D	3.49
173	KURUKSHETRA	PEHOWA	S-NPP	30.04429	76.43481	10/23/2021	14:18	D	4.08
174	KURUKSHETRA	PEHOWA	S-NPP	30.06400	76.58848	10/23/2021	12:35	D	4.65
175	KURUKSHETRA	PEHOWA	S-NPP	30.06536	76.59369	10/23/2021	12:35	D	4.65
176	KURUKSHETRA	PEHOWA	S-NPP	30.06771	76.52205	10/23/2021	14:18	D	4.17
177	KURUKSHETRA	PEHOWA	S-NPP	30.07830	76.46906	10/23/2021	12:35	D	2.63
178	KURUKSHETRA	PEHOWA	TERRA	29.93800	76.63289	10/23/2021	11:18	D	8.05
179	KURUKSHETRA	PEHOWA	TERRA	29.97578	76.70396	10/23/2021	11:18	D	7.10
180	KURUKSHETRA	PEHOWA	TERRA	29.97842	76.62935	10/23/2021	11:18	D	7.51
181	KURUKSHETRA	PEHOWA	TERRA	30.09255	76.56107	10/23/2021	11:18	D	6.71
182	KURUKSHETRA	SHAHBAD	S-NPP	30.10381	76.80868	10/23/2021	14:18	D	4.67
183	KURUKSHETRA	SHAHBAD	S-NPP	30.10836	76.85729	10/23/2021	12:35	D	8.27
184	KURUKSHETRA	SHAHBAD	S-NPP	30.12800	76.79238	10/23/2021	14:18	D	3.14
185	KURUKSHETRA	THANESAR	S-NPP	29.88335	76.72895	10/23/2021	14:15	D	16.45
186	KURUKSHETRA	THANESAR	S-NPP	29.88368	76.73402	10/23/2021	14:15	D	16.45
187	KURUKSHETRA	THANESAR	S-NPP	29.88808	76.70827	10/23/2021	14:15	D	3.95
188	KURUKSHETRA	THANESAR	S-NPP	29.91257	76.87875	10/23/2021	12:35	D	7.15
189	KURUKSHETRA	THANESAR	S-NPP	29.92208	76.84548	10/23/2021	14:15	D	2.83
190	KURUKSHETRA	THANESAR	S-NPP	29.92273	76.75275	10/23/2021	14:15	D	3.83
191	KURUKSHETRA	THANESAR	S-NPP	29.92817	76.79055	10/23/2021	12:35	D	3.07
192	KURUKSHETRA	THANESAR	S-NPP	29.93549	76.71738	10/23/2021	12:35	D	3.08
193	KURUKSHETRA	THANESAR	S-NPP	29.96554	76.75984	10/23/2021	14:15	D	3.99
194	KURUKSHETRA	THANESAR	S-NPP	30.01345	76.71760	10/23/2021	14:18	D	3.67

195	KURUKSHETRA	THANESAR	S-NPP	30.01570	76.72930	10/23/2021	12:35	D	9.42
196	KURUKSHETRA	THANESAR	S-NPP	30.01694	76.72813	10/23/2021	12:35	D	12.05
197	KURUKSHETRA	THANESAR	S-NPP	30.01948	76.75084	10/23/2021	14:18	D	4.60
198	KURUKSHETRA	THANESAR	S-NPP	30.02099	76.74979	10/23/2021	12:35	D	3.86
199	KURUKSHETRA	THANESAR	S-NPP	30.02126	76.74772	10/23/2021	14:18	D	5.17
200	KURUKSHETRA	THANESAR	S-NPP	30.02235	76.74857	10/23/2021	12:35	D	3.69
201	KURUKSHETRA	THANESAR	S-NPP	30.02584	76.75551	10/23/2021	14:18	D	6.09
202	KURUKSHETRA	THANESAR	S-NPP	30.02603	76.71389	10/23/2021	12:35	D	3.55
203	KURUKSHETRA	THANESAR	S-NPP	30.02788	76.75748	10/23/2021	14:18	D	11.40
204	KURUKSHETRA	THANESAR	S-NPP	30.04648	76.87357	10/23/2021	12:35	D	1.96
205	KURUKSHETRA	THANESAR	S-NPP	30.04855	76.87196	10/23/2021	12:35	D	2.54
206	KURUKSHETRA	THANESAR	S-NPP	30.05589	76.92390	10/23/2021	12:35	D	3.16
207	KURUKSHETRA	THANESAR	TERRA	29.89600	76.87685	10/23/2021	11:18	D	7.77
208	KURUKSHETRA	THANESAR	TERRA	29.99383	76.78966	10/23/2021	11:18	D	12.05
209	KURUKSHETRA	THANESAR	TERRA	30.01398	76.73090	10/23/2021	11:18	D	7.77
210	KURUKSHETRA	THANESAR	TERRA	30.11735	76.78566	10/23/2021	11:18	D	6.47
211	PANIPAT	MADLAUDA	S-NPP	29.50920	76.83057	10/23/2021	14:15	D	4.74
212	SIRSA	SIRSA	S-NPP	29.53481	74.98997	10/23/2021	14:15	D	2.42
213	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.20416	77.37541	10/23/2021	14:18	D	7.77
214	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.21011	77.36938	10/23/2021	14:18	D	3.02
215	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.23365	77.45262	10/23/2021	14:18	D	3.15
216	YAMUNANAGAR	MUSTAFABAD	TERRA	30.15662	77.09631	10/23/2021	11:18	D	6.61
217	YAMUNANAGAR	MUSTAFABAD	TERRA	30.20869	77.15405	10/23/2021	11:18	D	6.36
218	YAMUNANAGAR	RADAUR	S-NPP	30.02747	77.18635	10/23/2021	14:18	D	4.11

### Details of residue burning events in Uttar Pradesh on 23-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	MATHURA	CHHATA	S-NPP	27.79958	77.42247	10/23/2021	14:15	D	5.23
2	MATHURA	CHHATA	S-NPP	27.84064	77.39446	10/23/2021	14:15	D	12.15
3	MATHURA	CHHATA	S-NPP	27.84083	77.39314	10/23/2021	14:15	D	5.15
4	MATHURA	CHHATA	S-NPP	27.84118	77.39837	10/23/2021	14:15	D	5.15
5	MATHURA	CHHATA	AQUA	27.83088	77.37682	10/23/2021	12:59	D	37.35
6	SHAMLI	KAIRANA	S-NPP	29.52758	77.14273	10/23/2021	14:15	D	6.97
7	SHAMLI	KAIRANA	S-NPP	29.52794	77.14362	10/23/2021	12:35	D	3.35
8	SHAMLI	KAIRANA	S-NPP	29.52844	77.14163	10/23/2021	14:15	D	6.67

### Details of residue burning events in Rajasthan on 23-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	BUNDI	BUNDI	S-NPP	25.29911	75.83393	10/23/2021	14:15	D	3.40
2	HANUMANGARH	HANUMANGARH	S-NPP	29.54158	74.23646	10/23/2021	12:35	D	7.54
3	HANUMANGARH	HANUMANGARH	S-NPP	29.54258	74.23736	10/23/2021	12:35	D	12.33
4	HANUMANGARH	HANUMANGARH	S-NPP	29.60226	74.37407	10/23/2021	14:15	D	5.98
5	HANUMANGARH	HANUMANGARH	S-NPP	29.60255	74.37766	10/23/2021	14:15	D	5.98
6	HANUMANGARH	TIBI	S-NPP	29.53886	74.50817	10/23/2021	14:15	D	2.62
7	HANUMANGARH	TIBI	S-NPP	29.53972	74.50953	10/23/2021	14:15	D	2.72

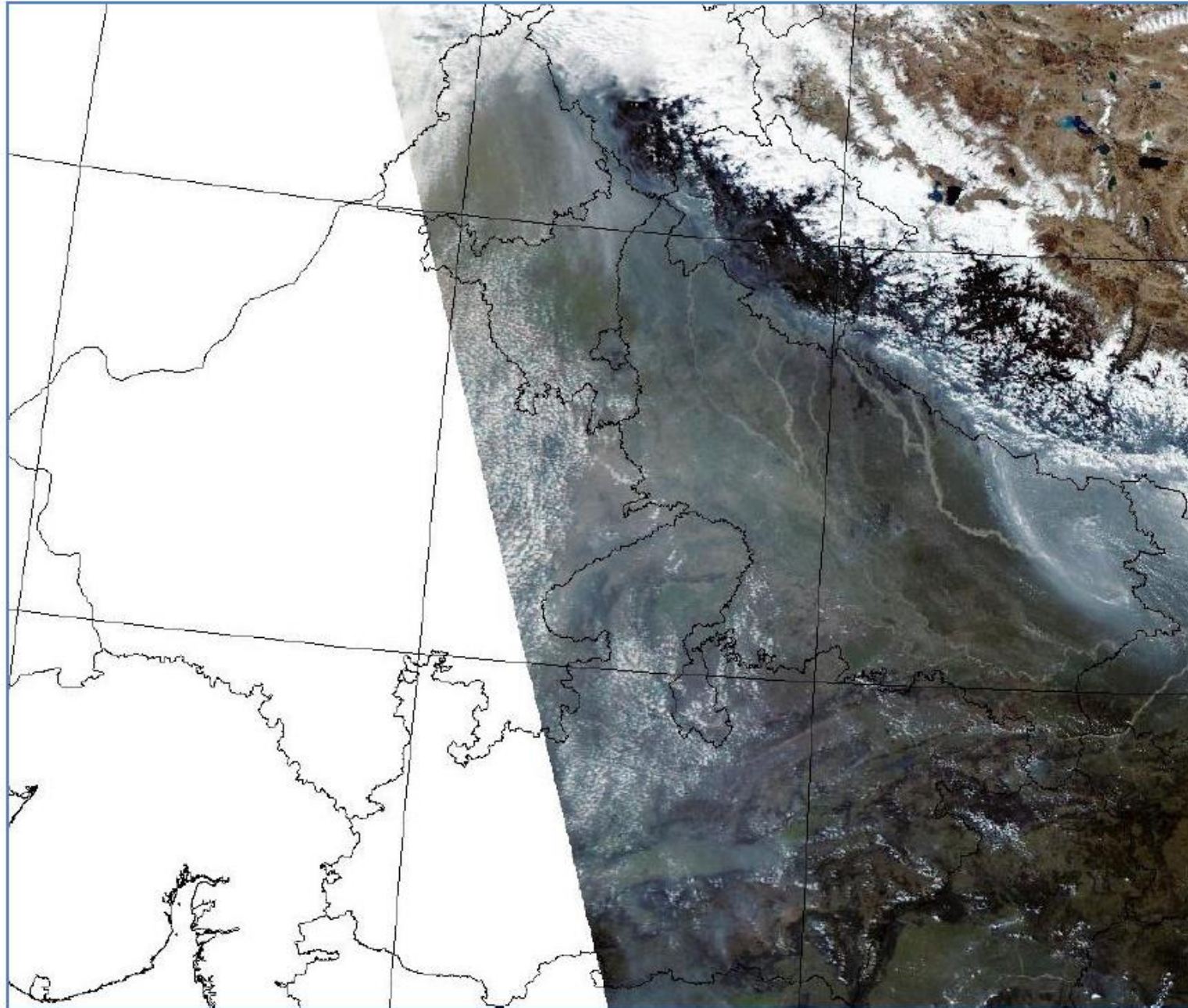
**Details of residue burning events in Madhya Pradesh on 23-Oct-2021**

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	DAMOH	JABERA	S-NPP	23.53727	79.80597	10/23/2021	12:33	D	4.07
2	DAMOH	JABERA	S-NPP	23.60508	79.61559	10/23/2021	12:33	D	2.69
3	DAMOH	PATHARIA	S-NPP	23.98720	79.39080	10/23/2021	01:21	N	1.76
4	EAST NIMAR	HARSUD	S-NPP	21.77080	76.73901	10/23/2021	14:13	D	3.34
5	EAST NIMAR	HARSUD	S-NPP	22.34875	76.62285	10/23/2021	14:13	D	2.65
6	EAST NIMAR	HARSUD	S-NPP	22.34910	76.62677	10/23/2021	14:13	D	2.65
7	EAST NIMAR	HARSUD	S-NPP	22.34989	76.62591	10/23/2021	14:13	D	4.56
8	HARDA	HARDA	S-NPP	22.45888	76.93415	10/23/2021	14:15	D	3.70
9	HOSHANGABAD	HOSHANGABAD	S-NPP	22.65334	77.72806	10/23/2021	14:15	D	2.96
10	HOSHANGABAD	HOSHANGABAD	S-NPP	22.65619	77.72766	10/23/2021	14:15	D	2.78
11	HOSHANGABAD	SEONI MALWA	S-NPP	22.40691	77.42401	10/23/2021	14:13	D	2.47
12	HOSHANGABAD	SEONI MALWA	S-NPP	22.42299	77.34512	10/23/2021	14:13	D	4.17
13	HOSHANGABAD	SEONI MALWA	S-NPP	22.51101	77.48889	10/23/2021	14:15	D	3.55
14	SEHORE	NASRULLAHGANJ	S-NPP	22.70159	77.31981	10/23/2021	14:15	D	5.13
15	SEHORE	NASRULLAHGANJ	S-NPP	22.70213	77.32071	10/23/2021	14:15	D	5.41
16	SEHORE	NASRULLAHGANJ	S-NPP	22.70739	77.31927	10/23/2021	14:15	D	5.13
17	SEHORE	NASRULLAHGANJ	S-NPP	22.70793	77.32015	10/23/2021	14:15	D	5.41
18	SEONI	GHANSAUR	S-NPP	22.50996	79.84600	10/23/2021	12:33	D	3.45
19	SEONI	KEWLARI	S-NPP	22.28244	79.87078	10/23/2021	14:13	D	4.69
20	SEONI	KEWLARI	S-NPP	22.28539	79.86874	10/23/2021	14:13	D	6.25
21	SEONI	KEWLARI	AQUA	22.26143	79.84793	10/23/2021	12:56	D	45.61
22	SEONI	KEWLARI	AQUA	22.26598	79.87099	10/23/2021	12:56	D	45.44
23	SEONI	KEWLARI	AQUA	22.26748	79.87785	10/23/2021	12:56	D	46.24
24	SEONI	LAKHNADOU	S-NPP	22.38428	79.57313	10/23/2021	14:13	D	5.80
25	SEONI	SEONI	S-NPP	22.21508	79.78070	10/23/2021	14:13	D	8.50



26	SEONI	SEONI	S-NPP	22.23211	79.73264	10/23/2021	12:33	D	3.83
27	SEONI	SEONI	S-NPP	22.24096	79.76244	10/23/2021	12:33	D	5.95
28	SEONI	SEONI	S-NPP	22.24579	79.76475	10/23/2021	12:33	D	9.86
29	SEONI	SEONI	S-NPP	22.25583	79.71814	10/23/2021	12:33	D	2.84
30	SEONI	SEONI	S-NPP	22.29224	79.64933	10/23/2021	14:13	D	7.12
31	SEONI	SEONI	AQUA	22.14230	79.42132	10/23/2021	12:56	D	27.67
32	WEST NIMAR	KHARGON	S-NPP	21.74444	75.58304	10/23/2021	14:13	D	1.43

[AQUA \(MODIS\) Satellite image \(TCC\) of North and Central India Acquired on 23-Oct-2021 at 12:53:00 IST by IARI Ground Station](#)



**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**

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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)

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