



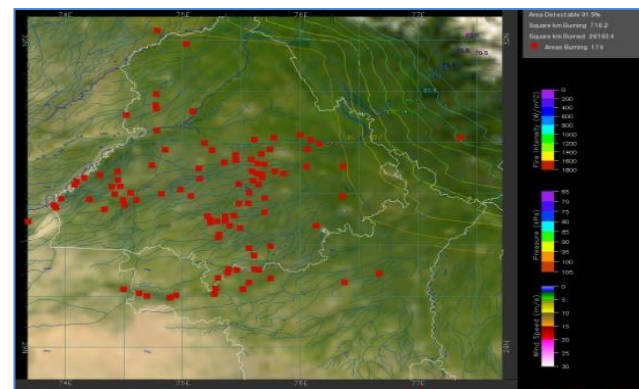
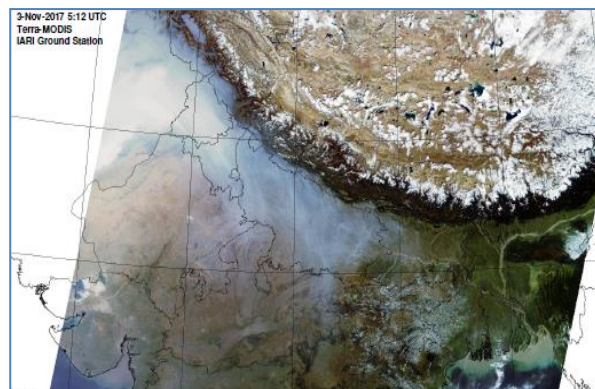
**Bulletin
No. 36**

**Events Date:
20-Oct-2021**

**Issued on:
20-Oct-2021**



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



Prepared by:

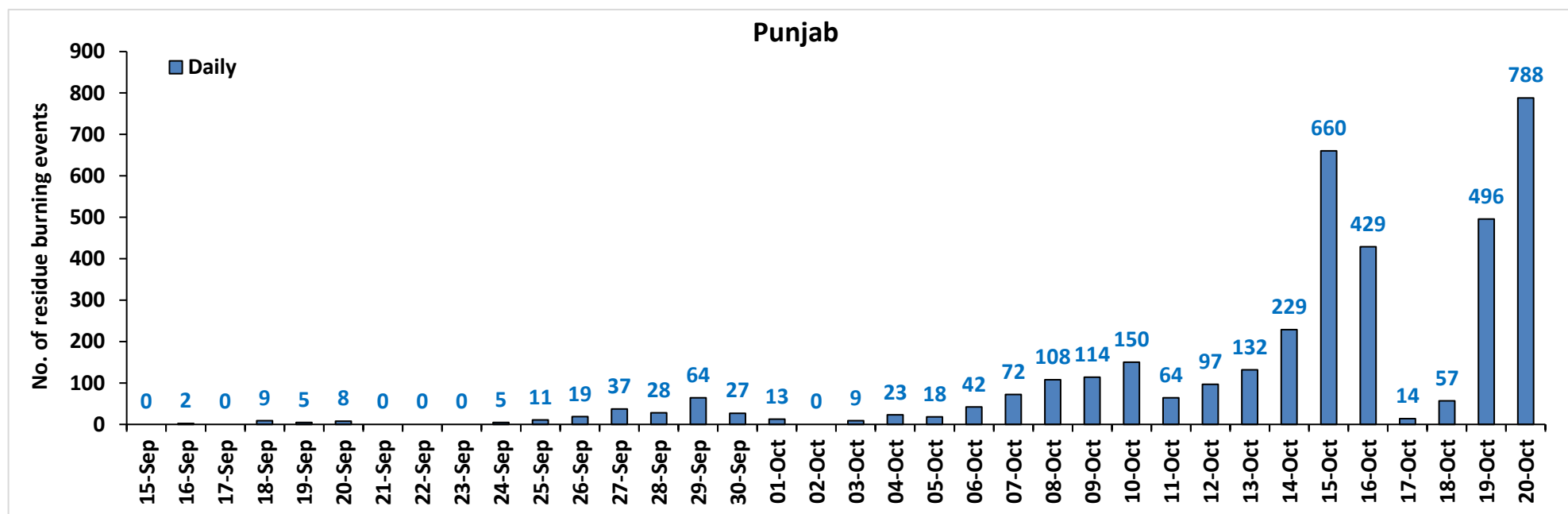
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

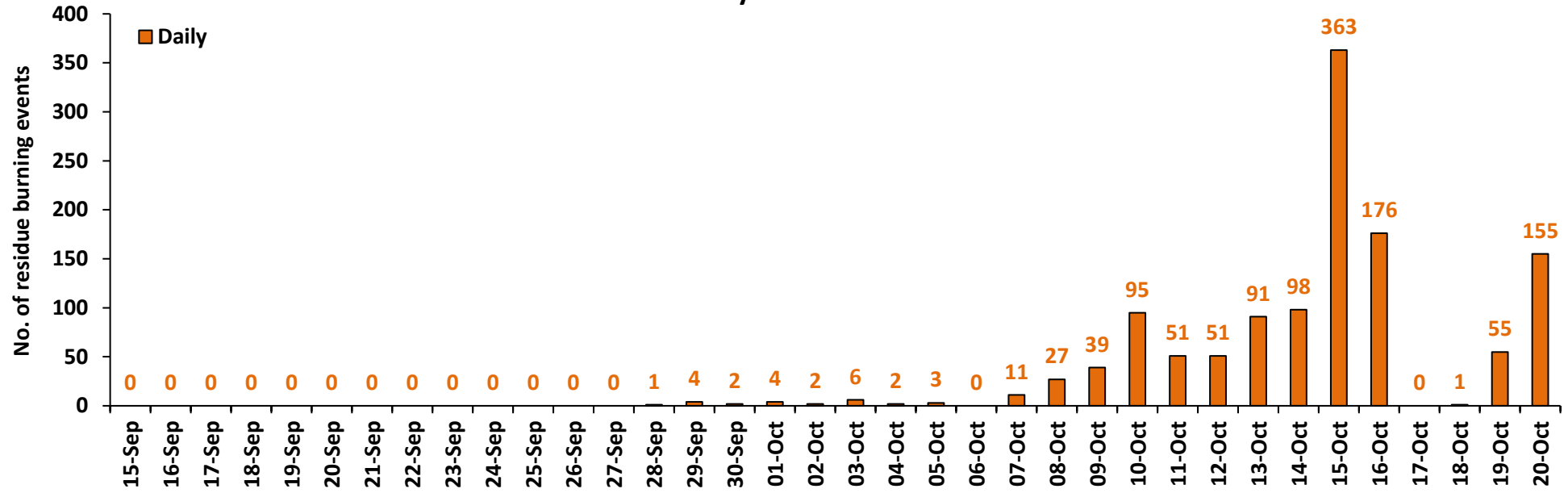
Highlights for 20-October-2021

- 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 **969** residue burning events in the six study States on 20-Oct-2021.
- The state wise events detected on 20-Oct-2021 were **788** in Punjab, **155** in Haryana, **1** in UP, **0** in Delhi, **4** in Rajasthan and **21** in MP.
- The number of events has increased from **562** on 19-Oct-2021 to **969** on 20-Oct-2021 in the six study states.
- Detection of burning events by satellites was hampered due to scattered clouds over eastern UP and eastern MP.
- Total **5737** burning events were detected in the six states between 15-Sept-2021 and 20-Oct-2021, which are distributed as **3730**, **1237**, **626**, **0**, **38** and **106** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.
- Overall, the total burning events recorded in the six states are **52.3%** less than in 2020 till date. Punjab recorded **60.3%** reduction, Haryana recorded **1.0%** increase, UP recorded **18.3%** increase, Delhi recorded **100%** reduction, Rajasthan recorded **88.5%** reduction and MP recorded **80.0%** reduction, in the current season than in 2020.

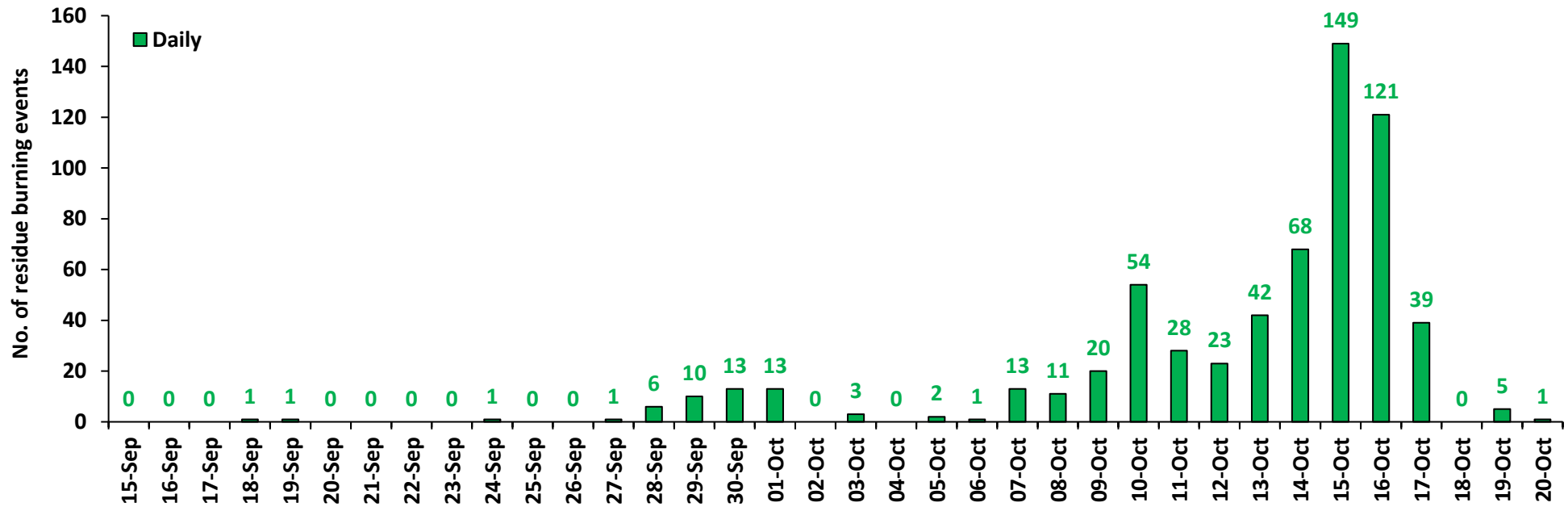
Temporal distribution of rice residue burning events for the study States in 2021



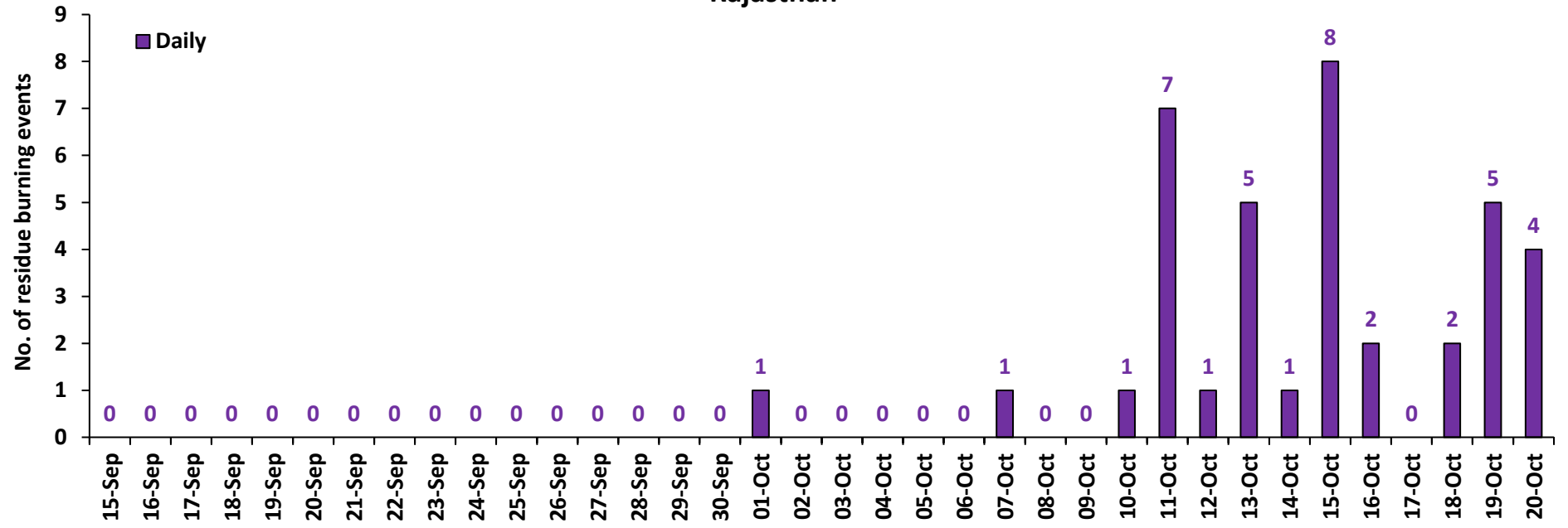
Haryana



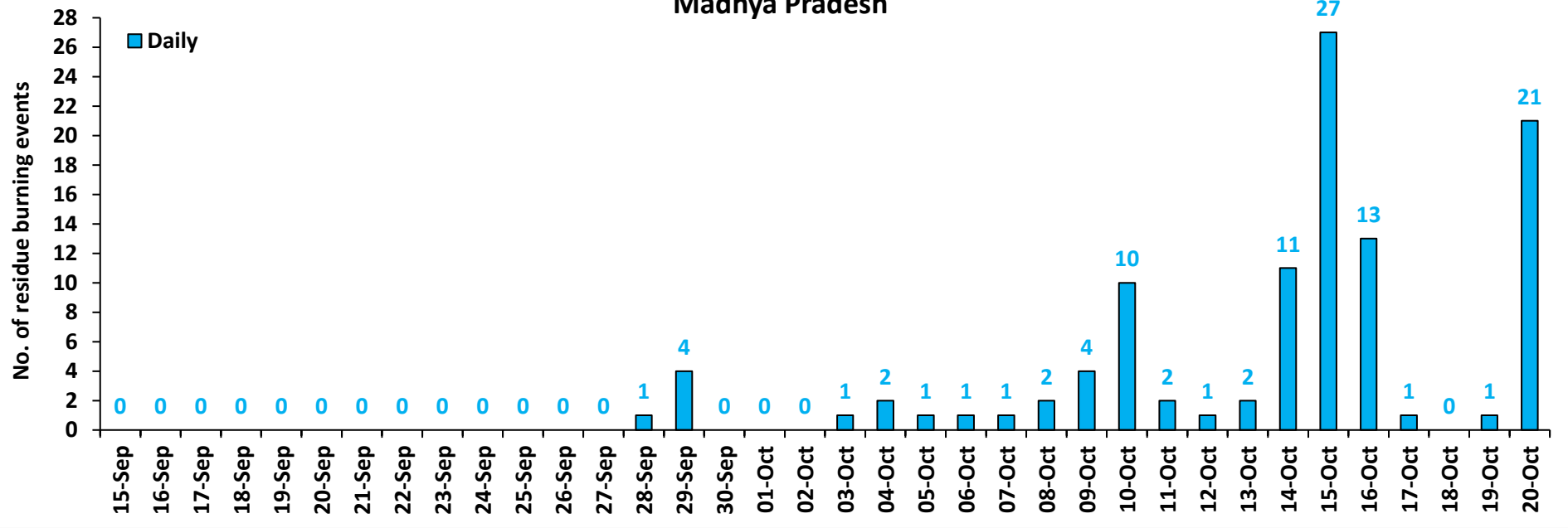
Uttar Pradesh



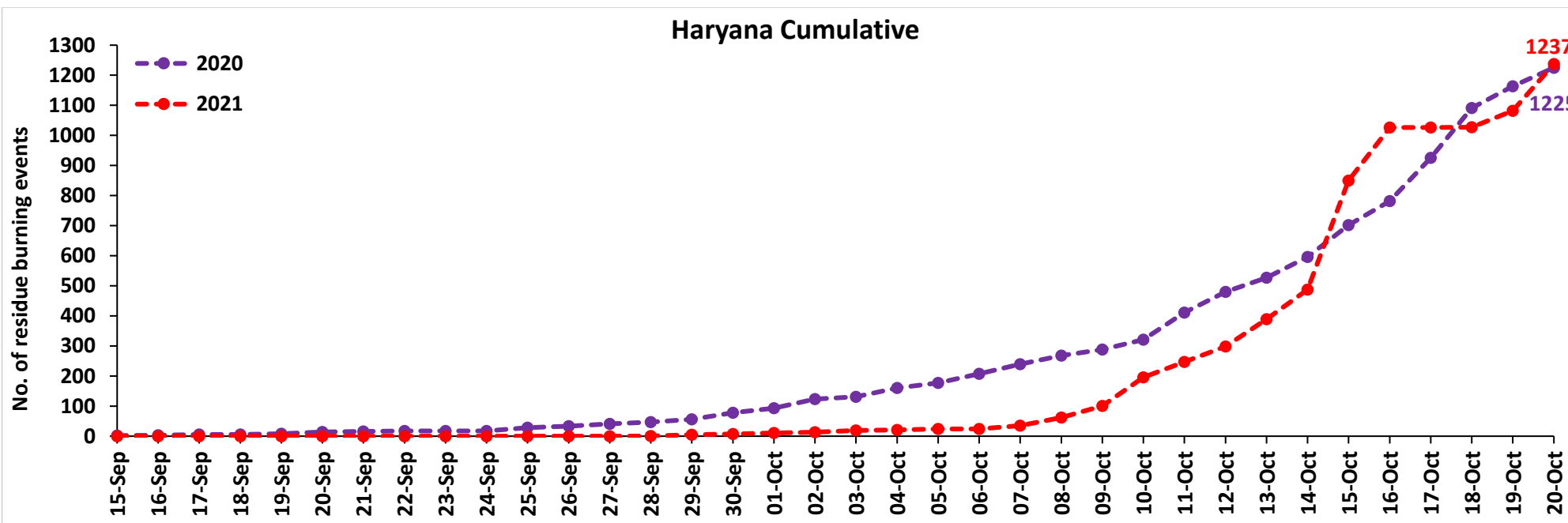
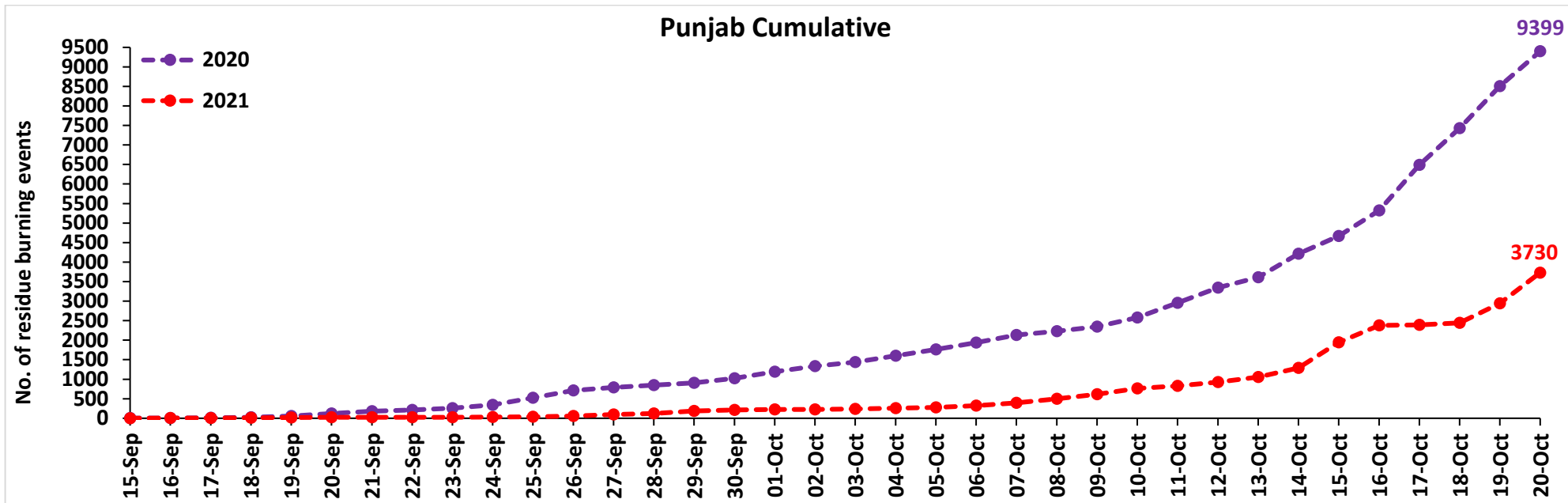
Rajasthan



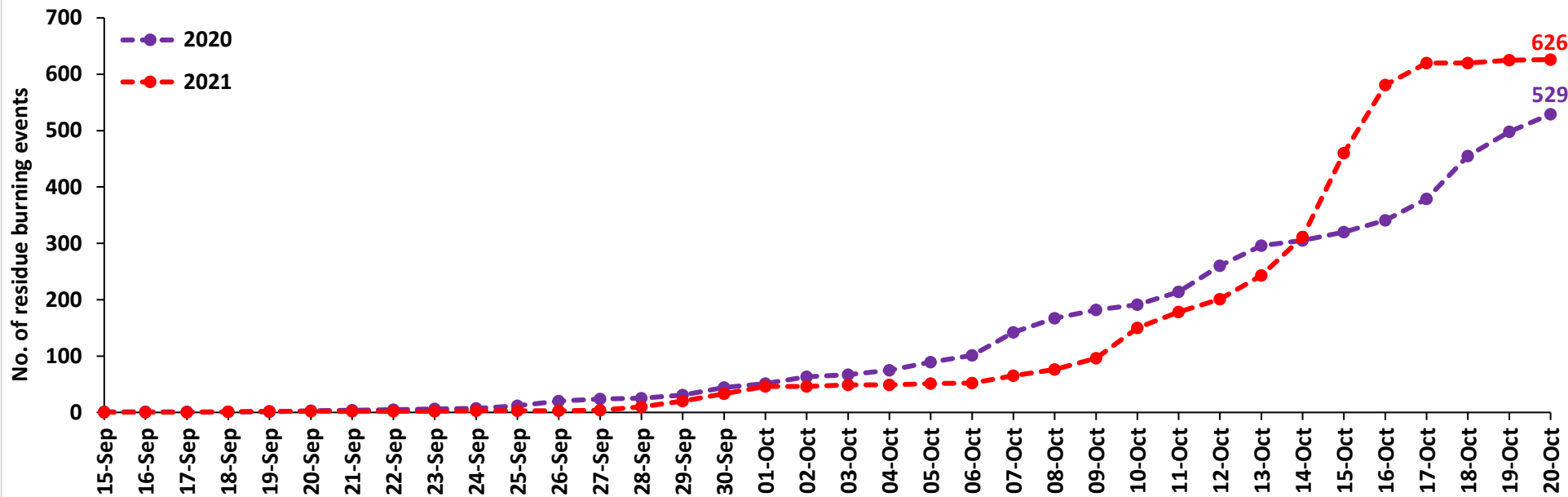
Madhya Pradesh



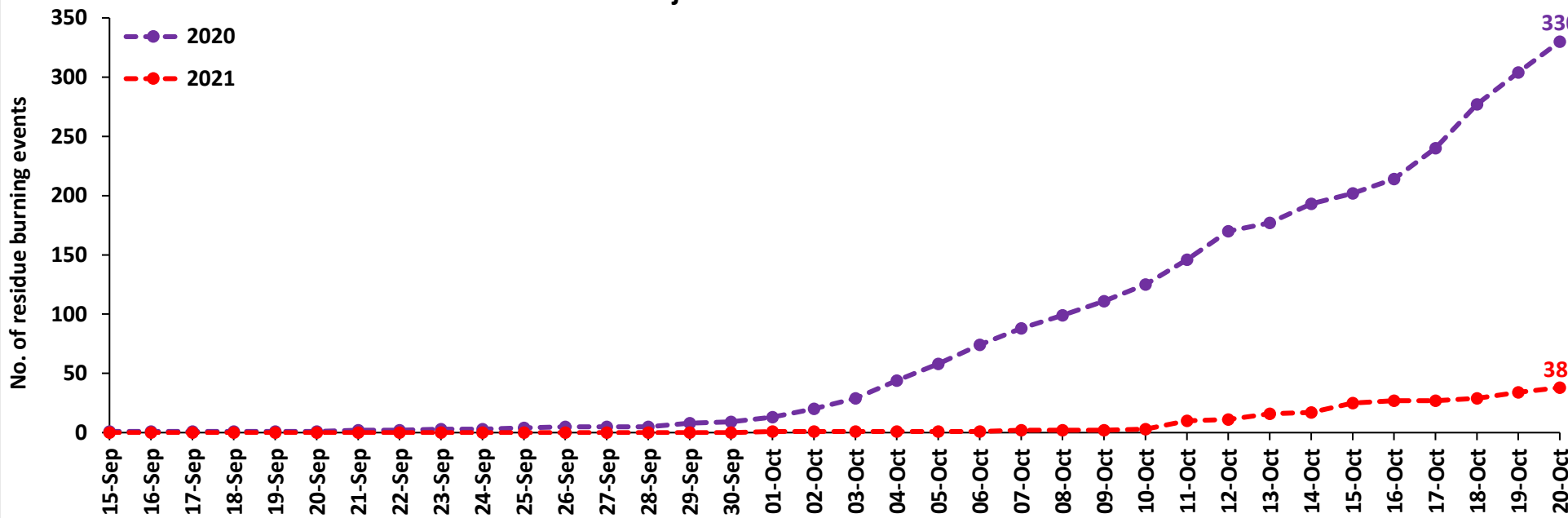
Comparison of residue burning events in current year (2021) with previous year (2020) for the study States



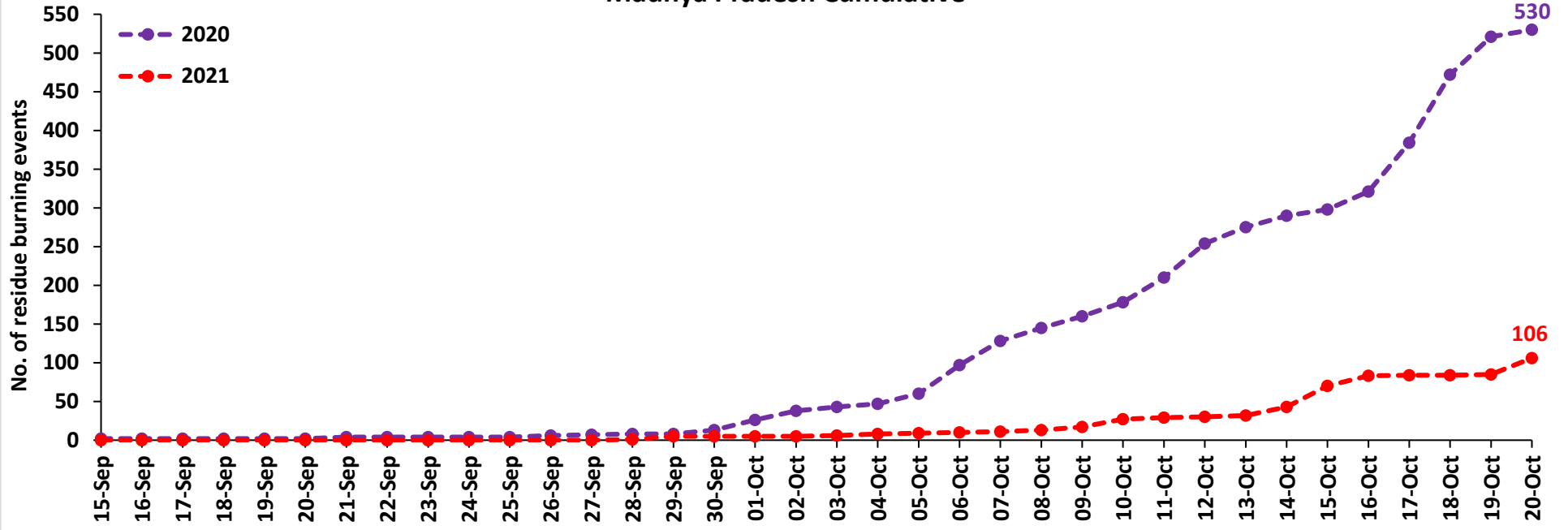
Uttar Pradesh Cumulative



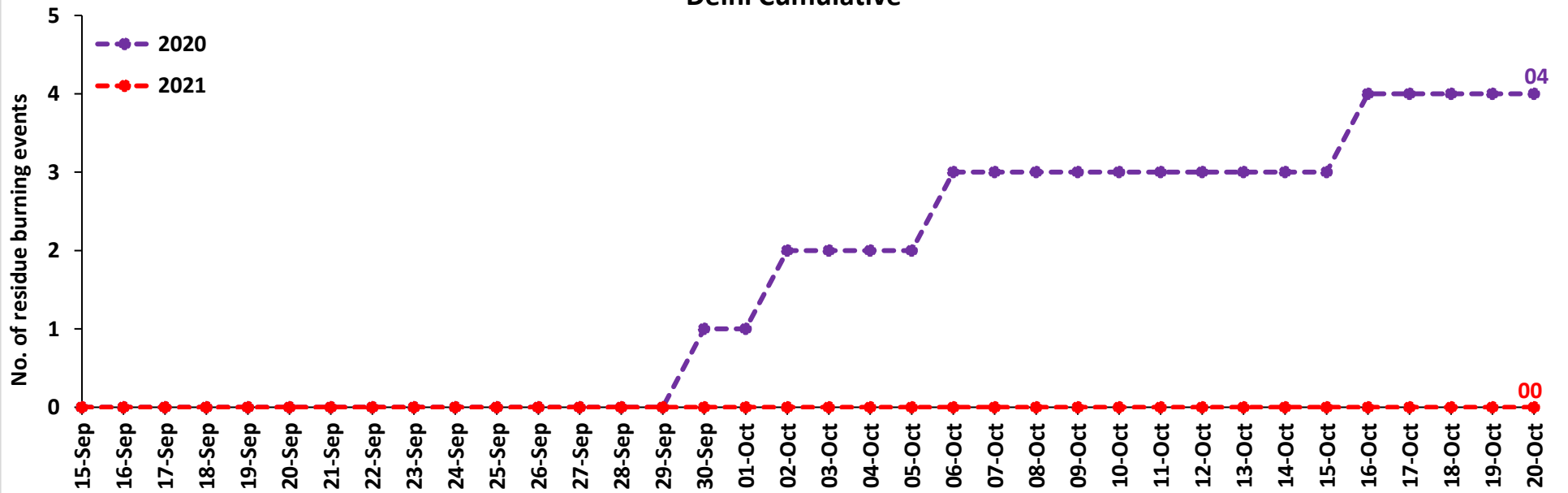
Rajasthan Cumulative



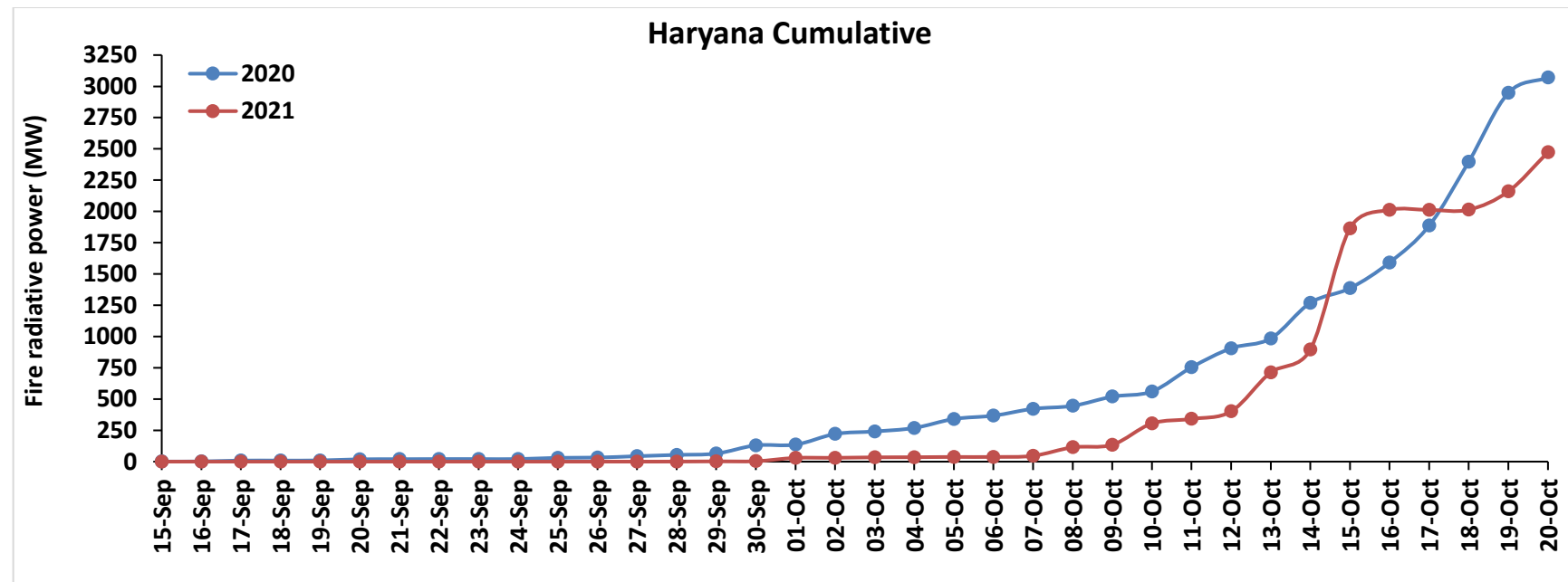
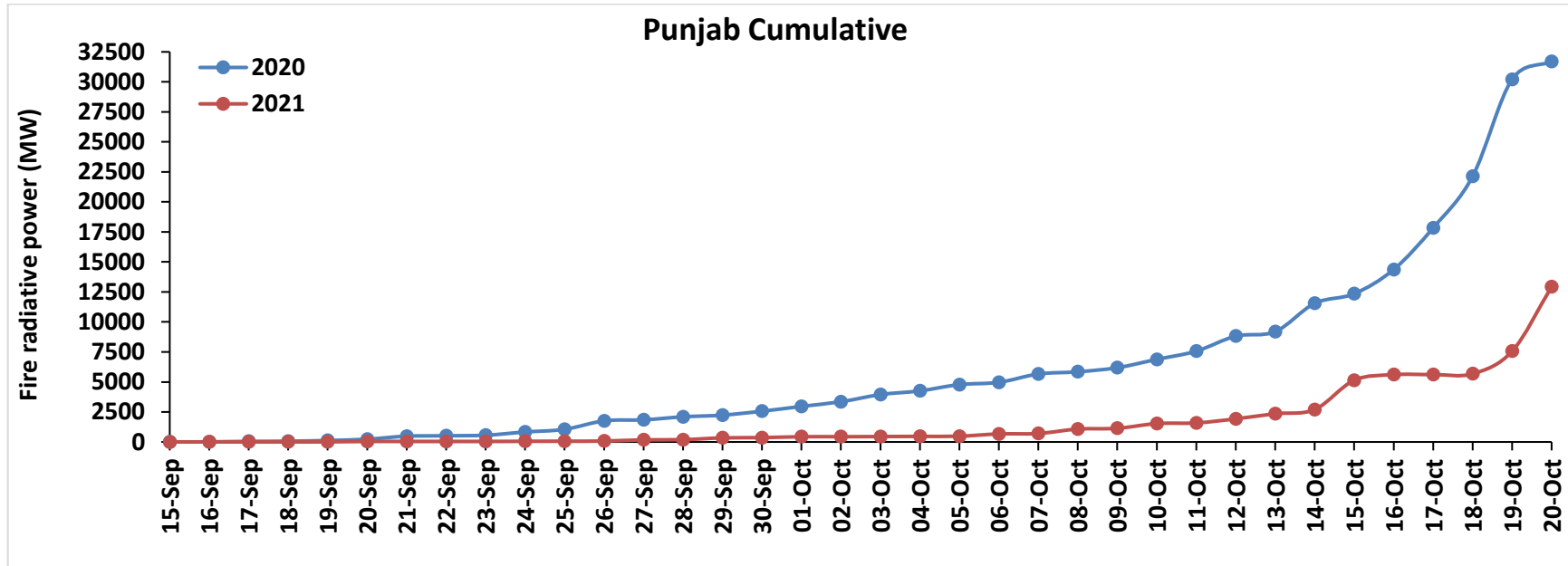
Madhya Pradesh Cumulative

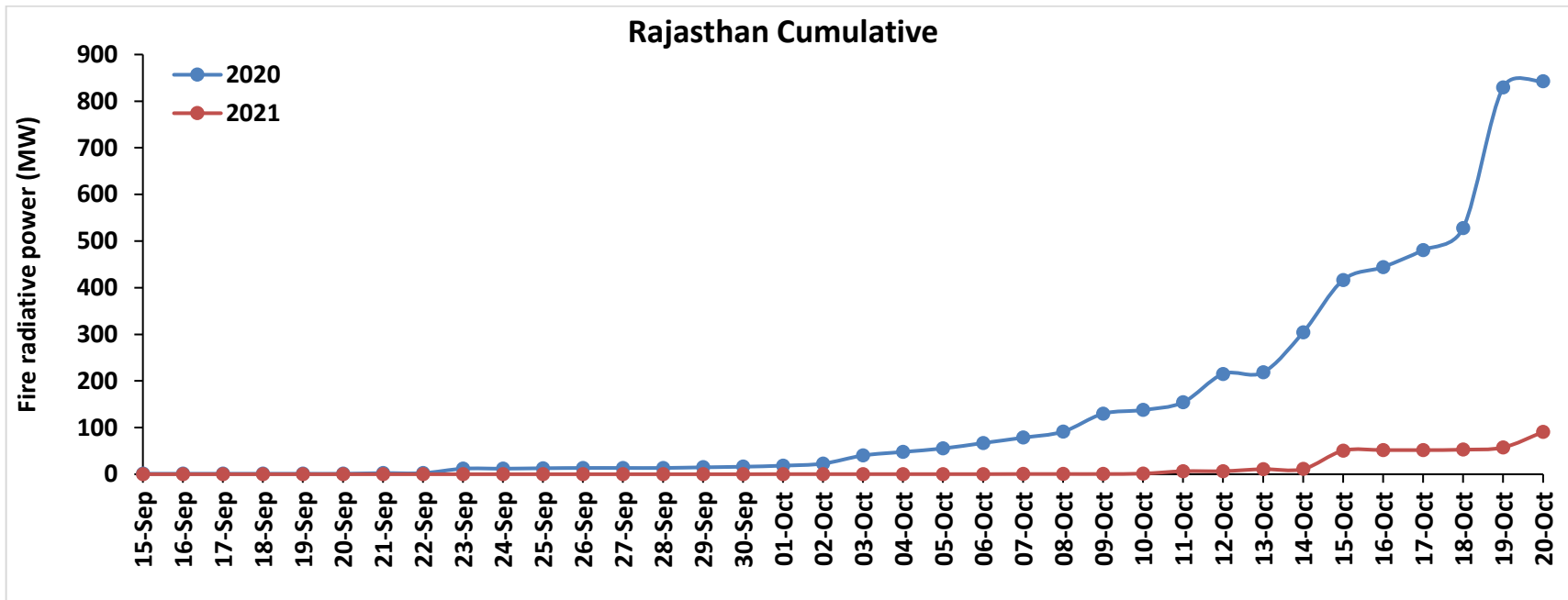
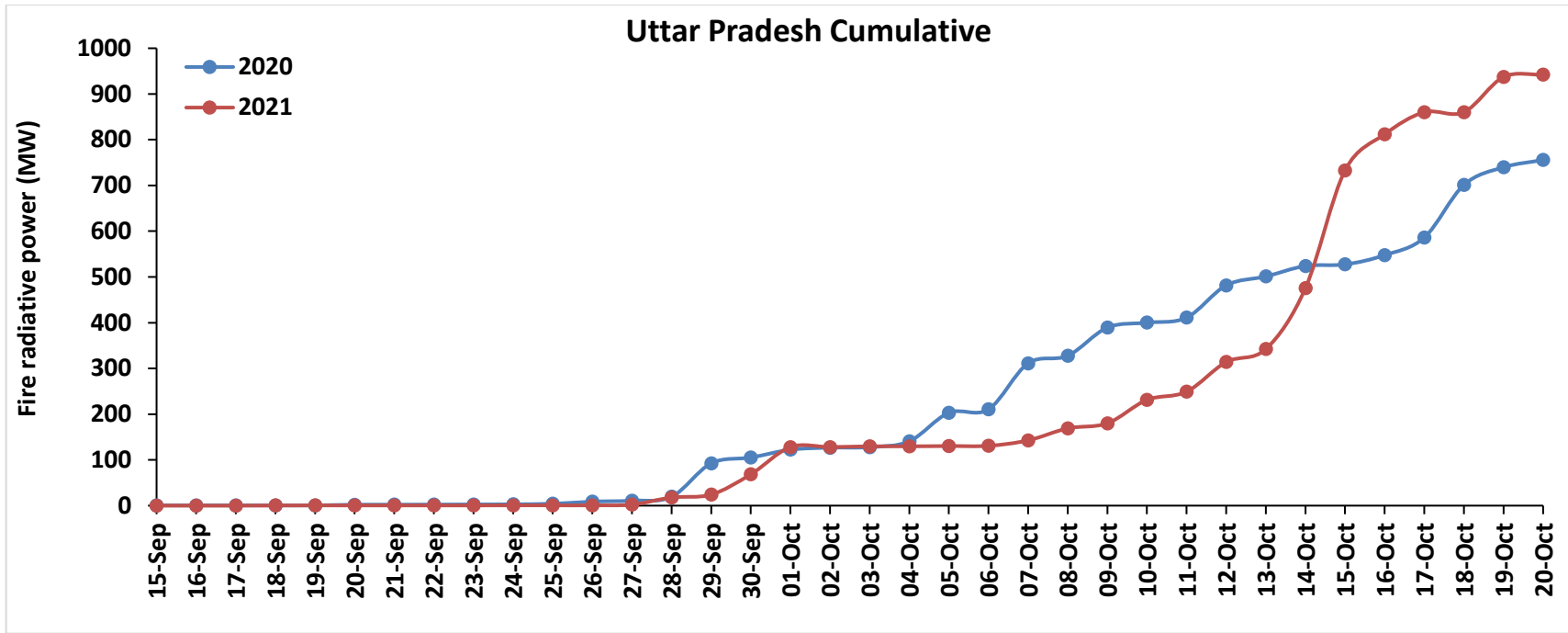


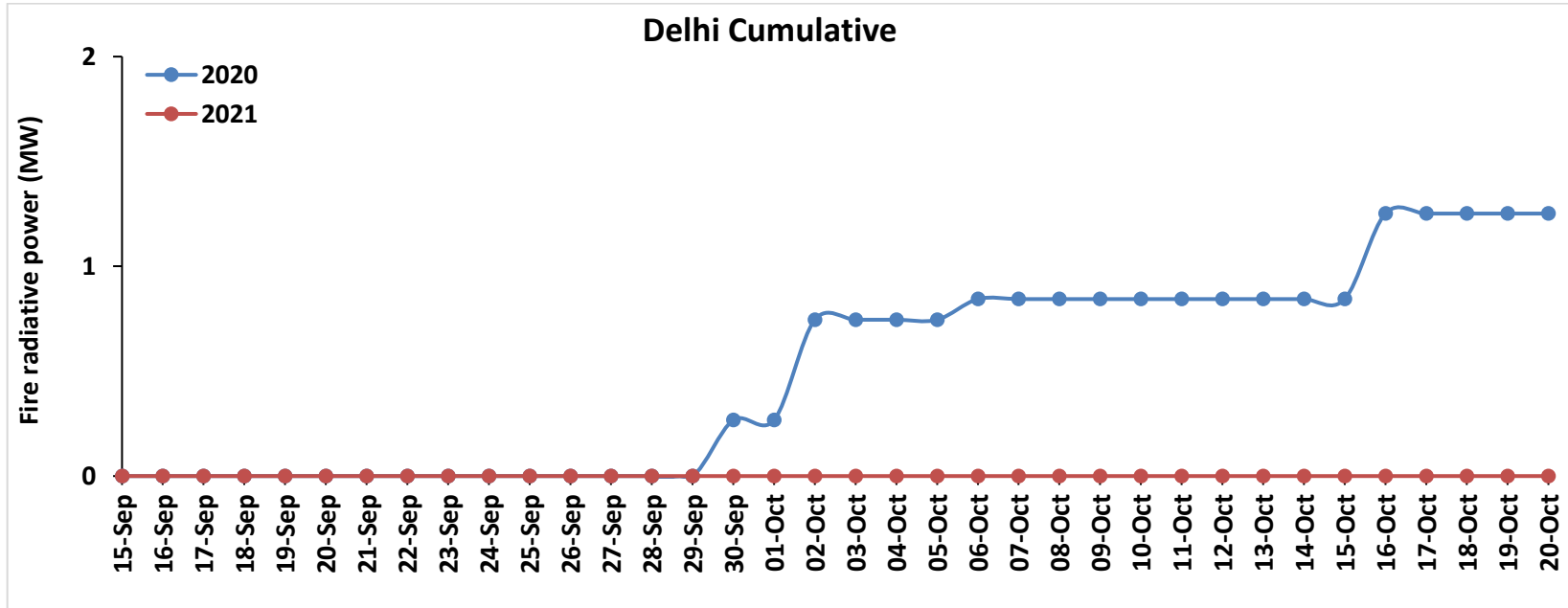
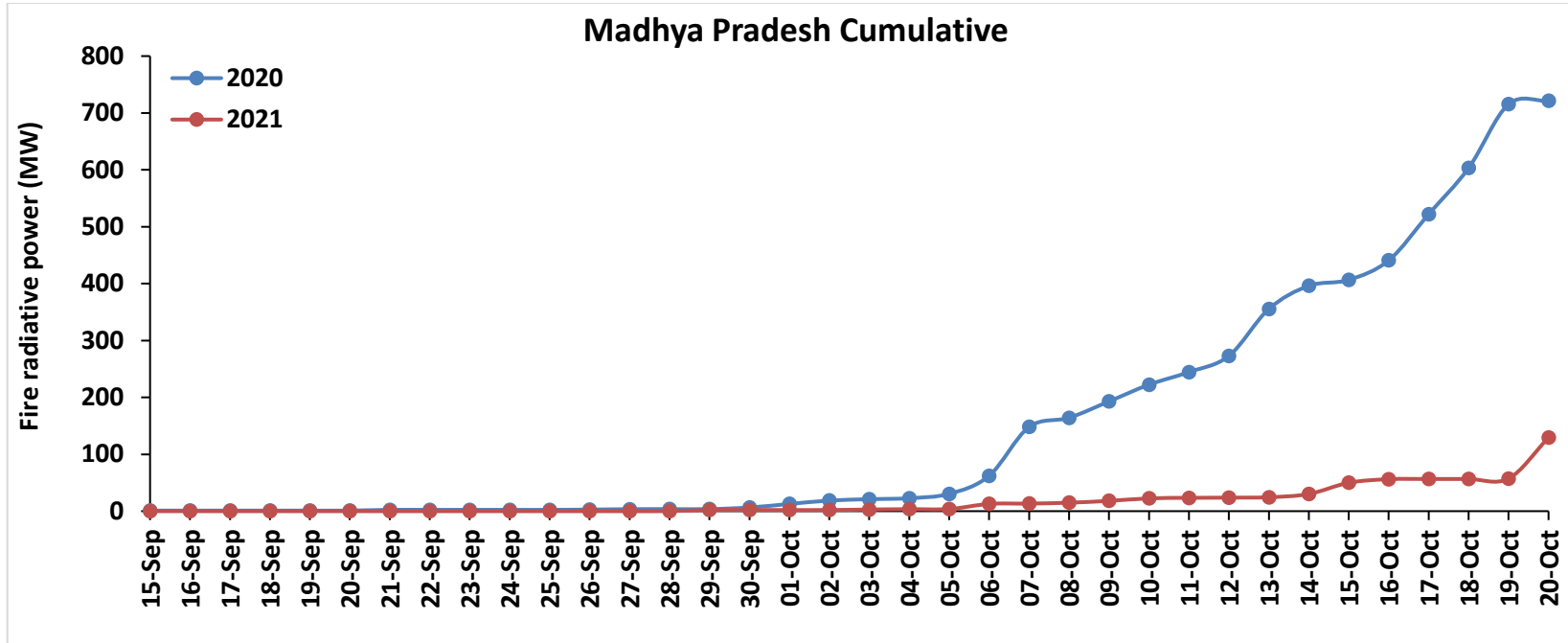
Delhi Cumulative



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

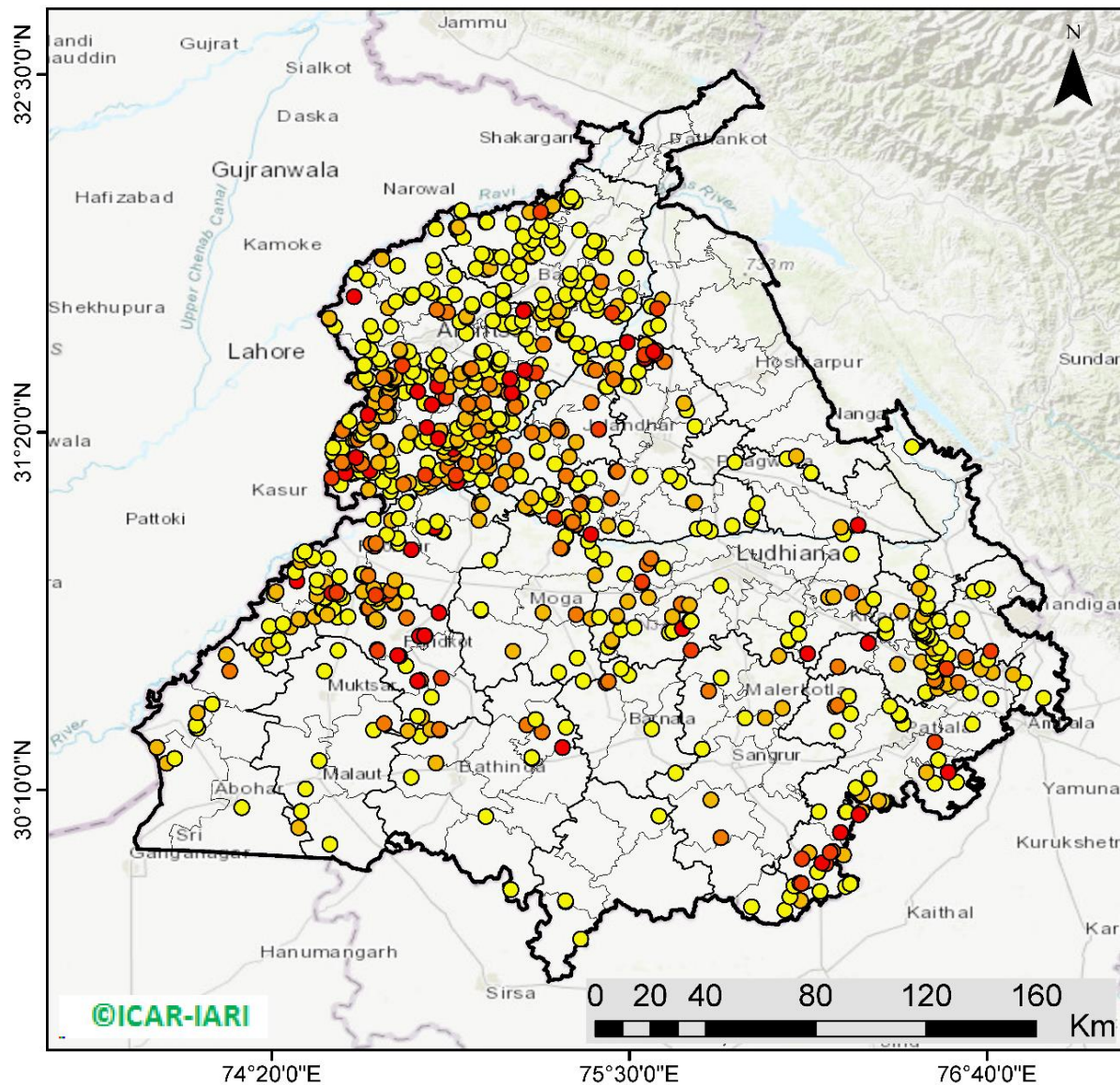






Punjab

RICE RESIDUE BURNING IN PUNJAB



788 burning events detected in Punjab on 20th October 2021

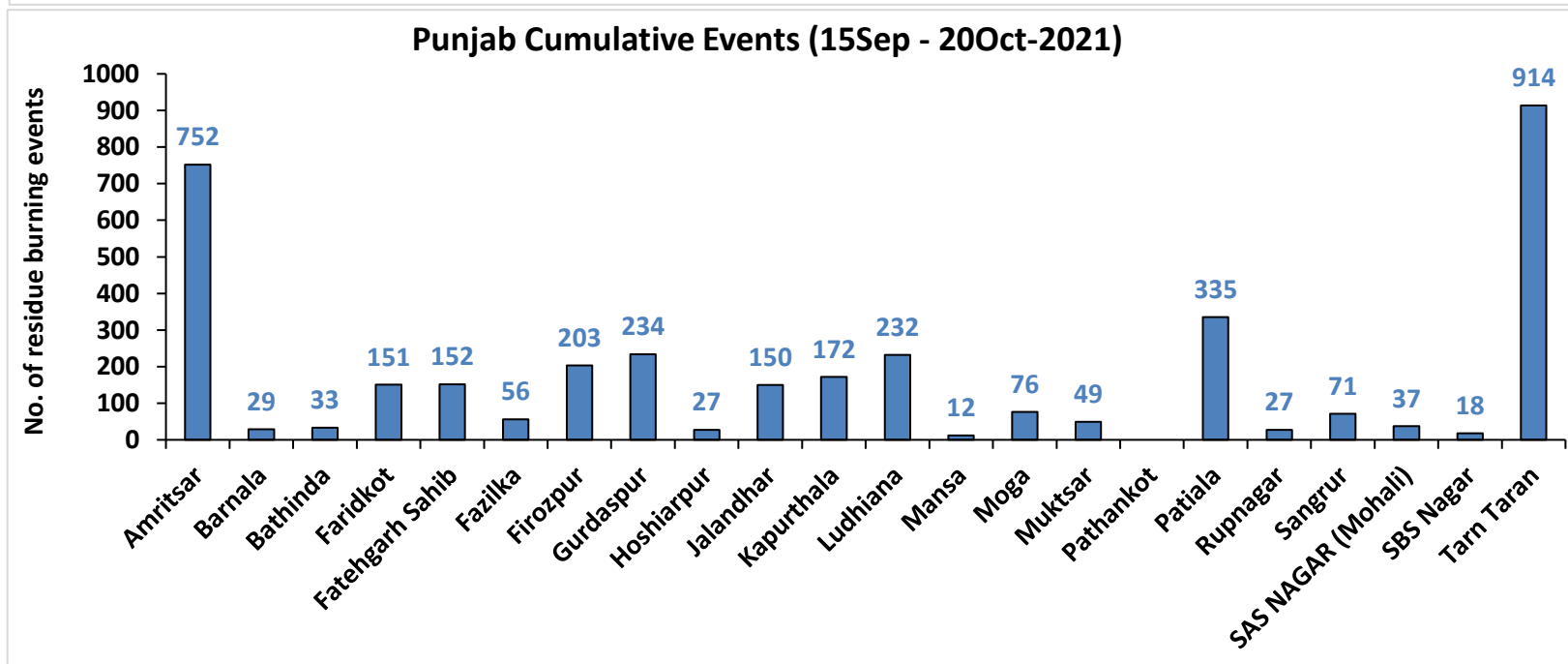
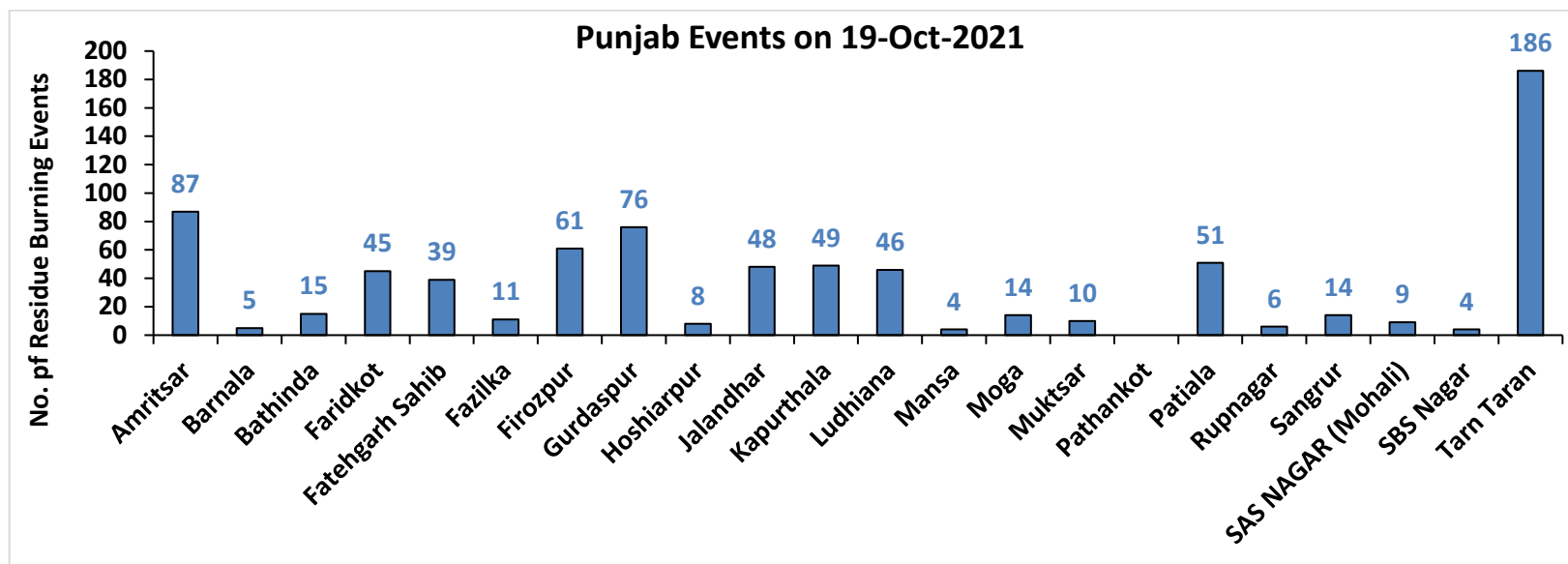
Fire Intensity (W/m²)

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



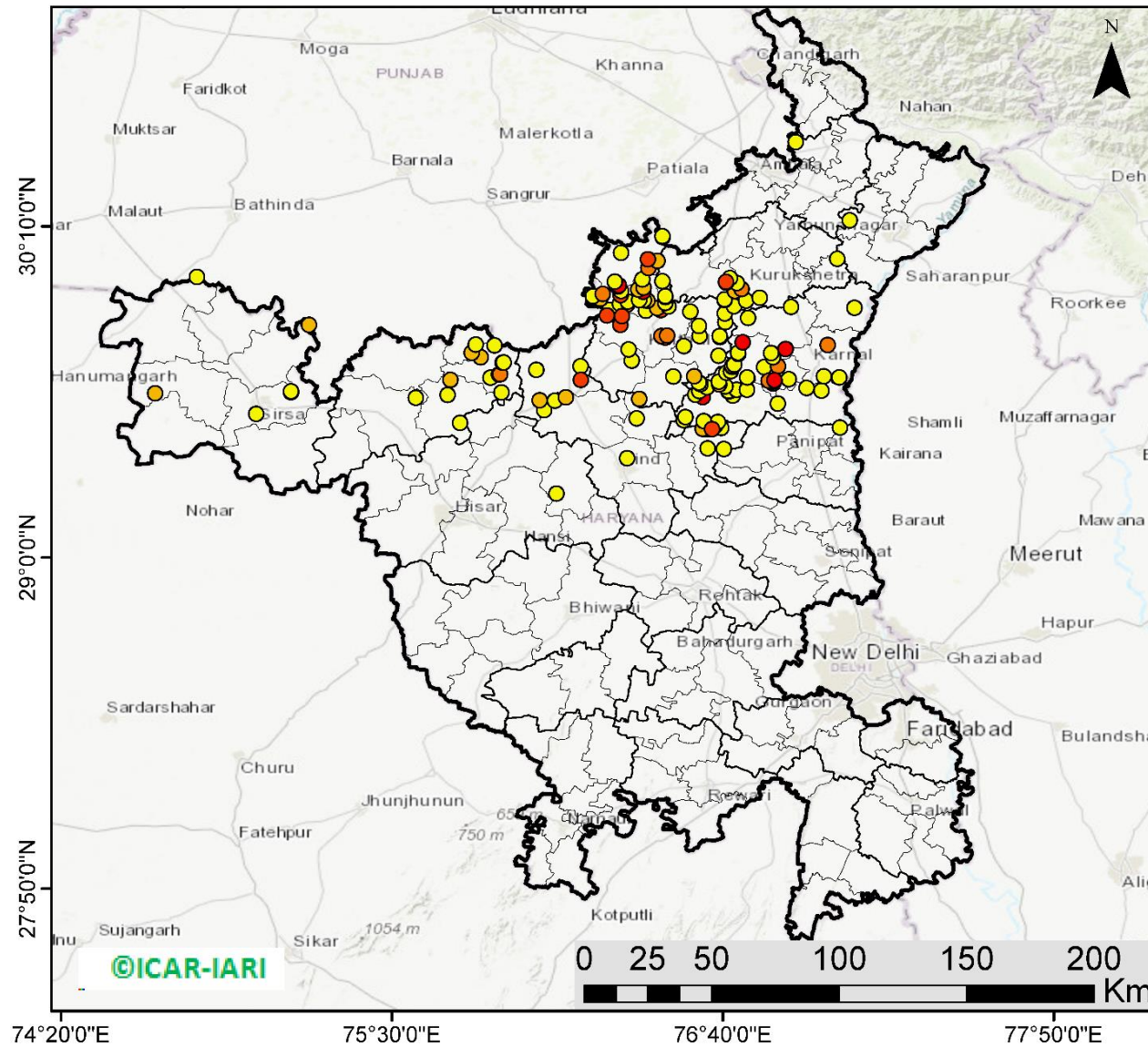
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Punjab (15Sep – 20 Oct-2021)



Haryana

RICE RESIDUE BURNING IN HARYANA



155 burning events detected in Haryana on 20th October 2021

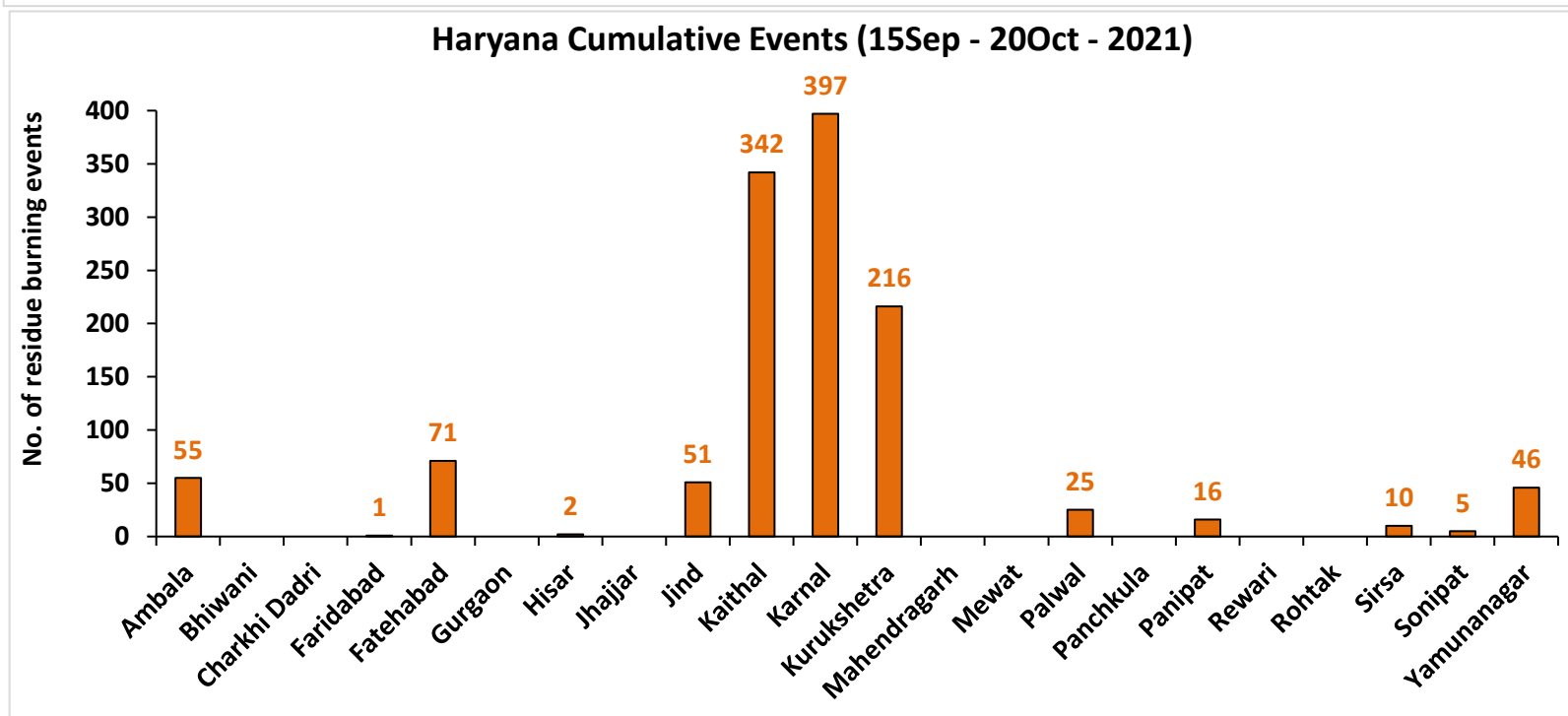
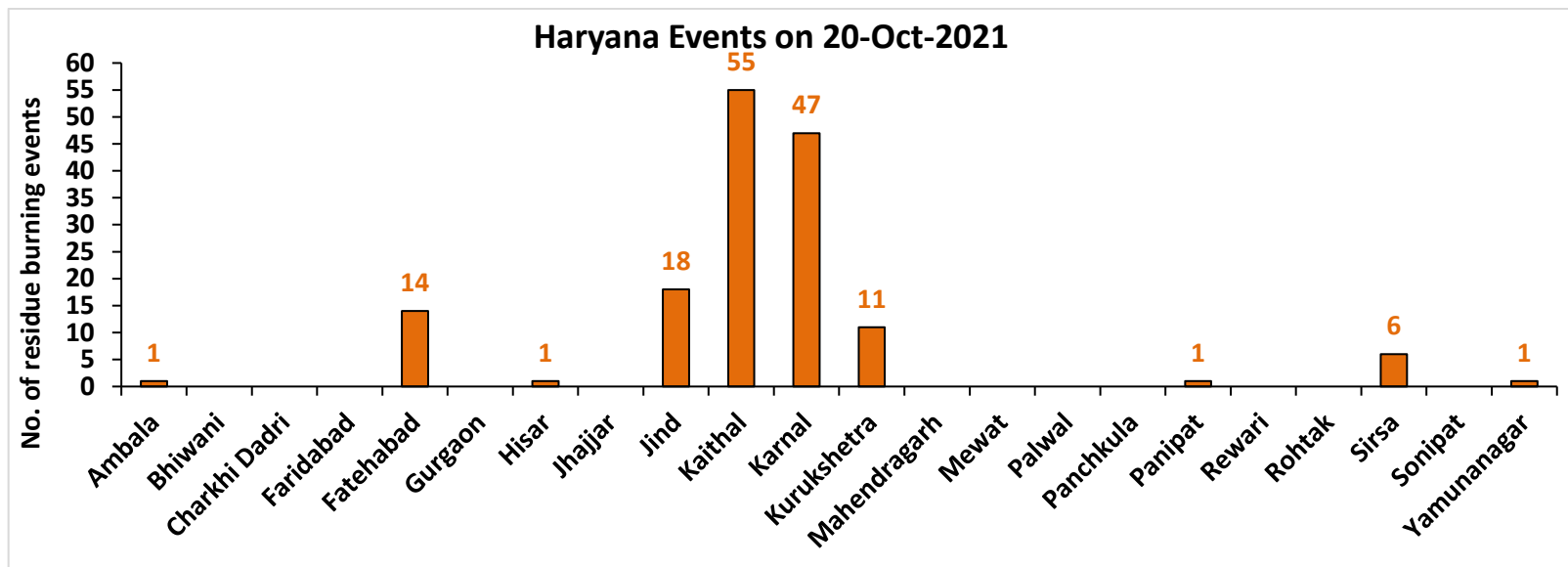
Fire Intensity (W/m²)

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



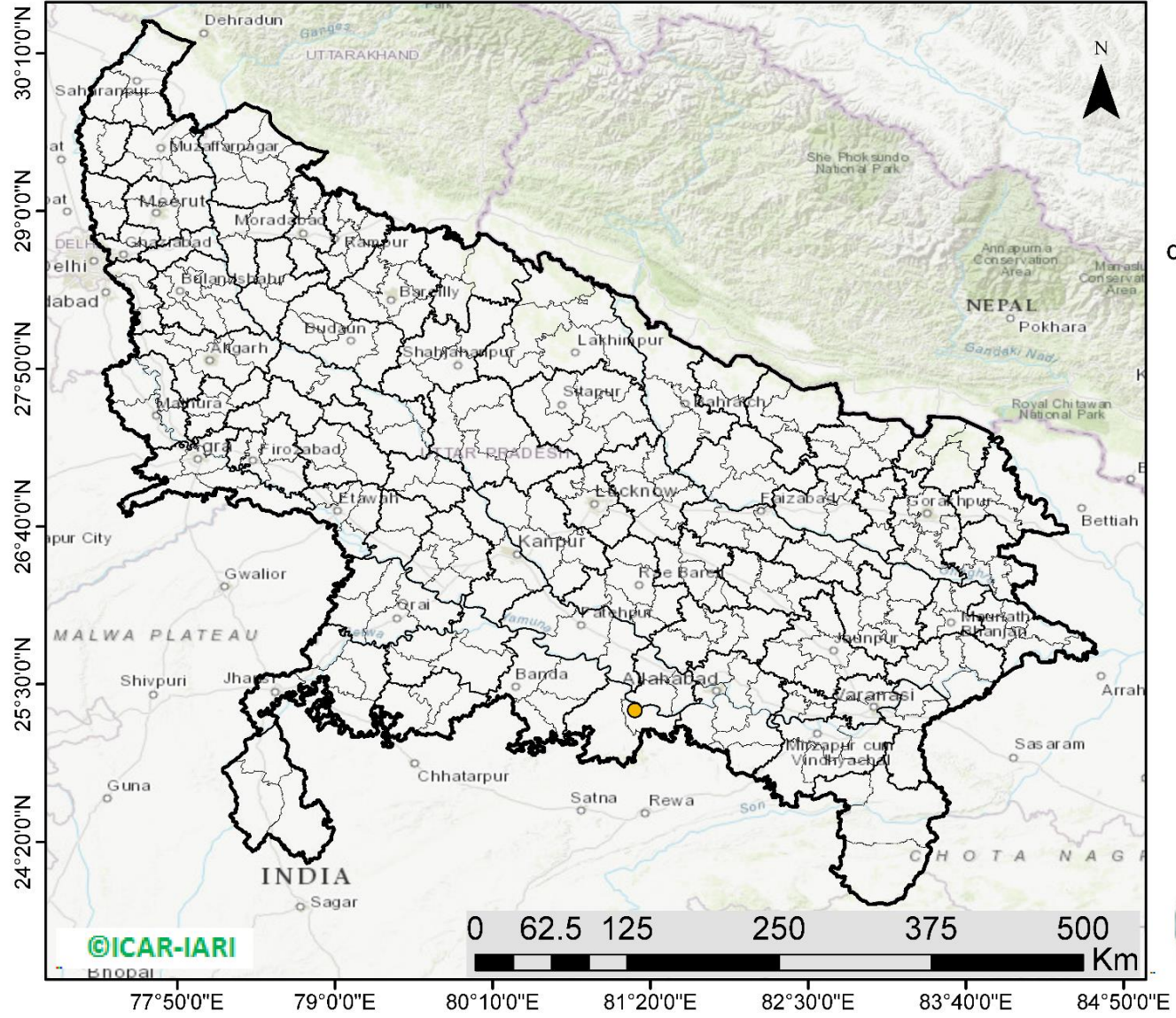
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Haryana (15 Sep - 20 Oct-2021)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



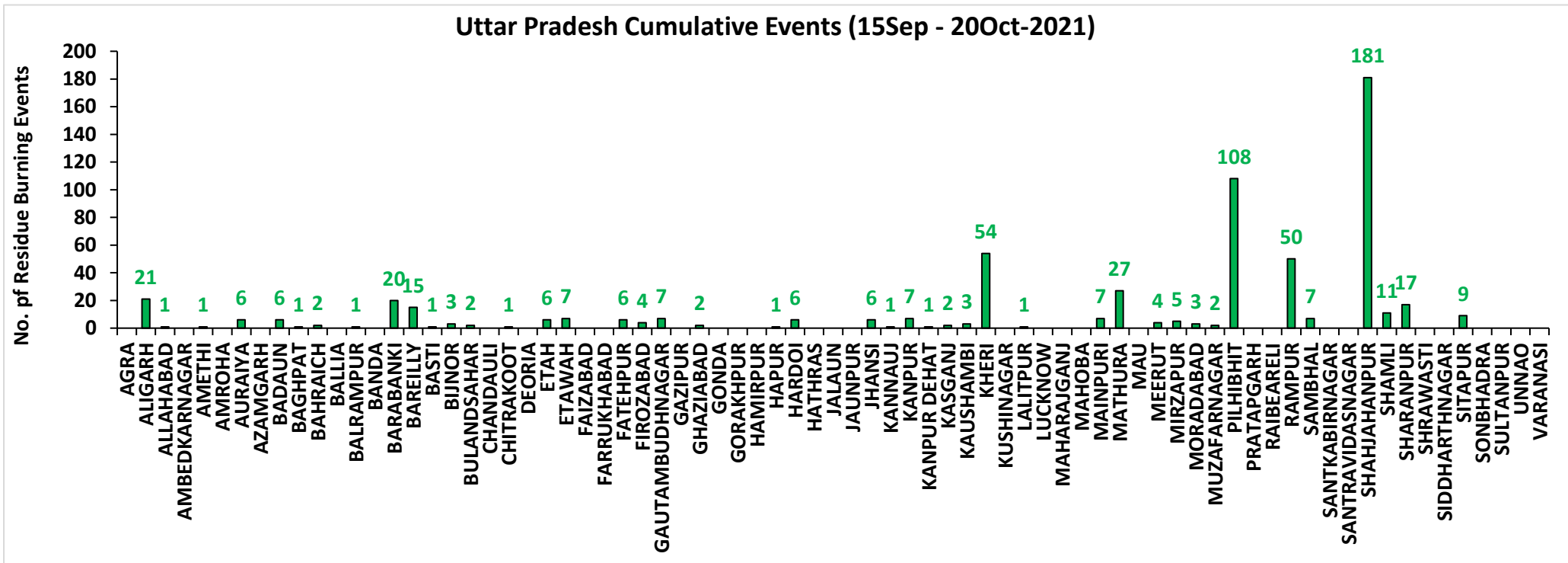
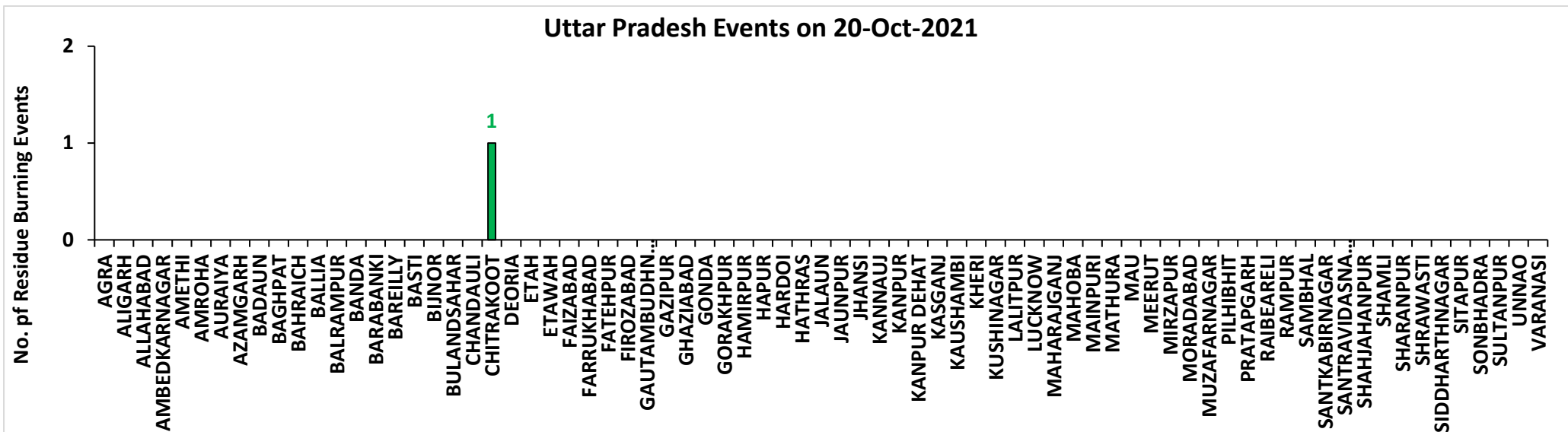
01 burning events detected in Uttar Pradesh on 20th October 2021

Fire Intensity (W/m2)

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

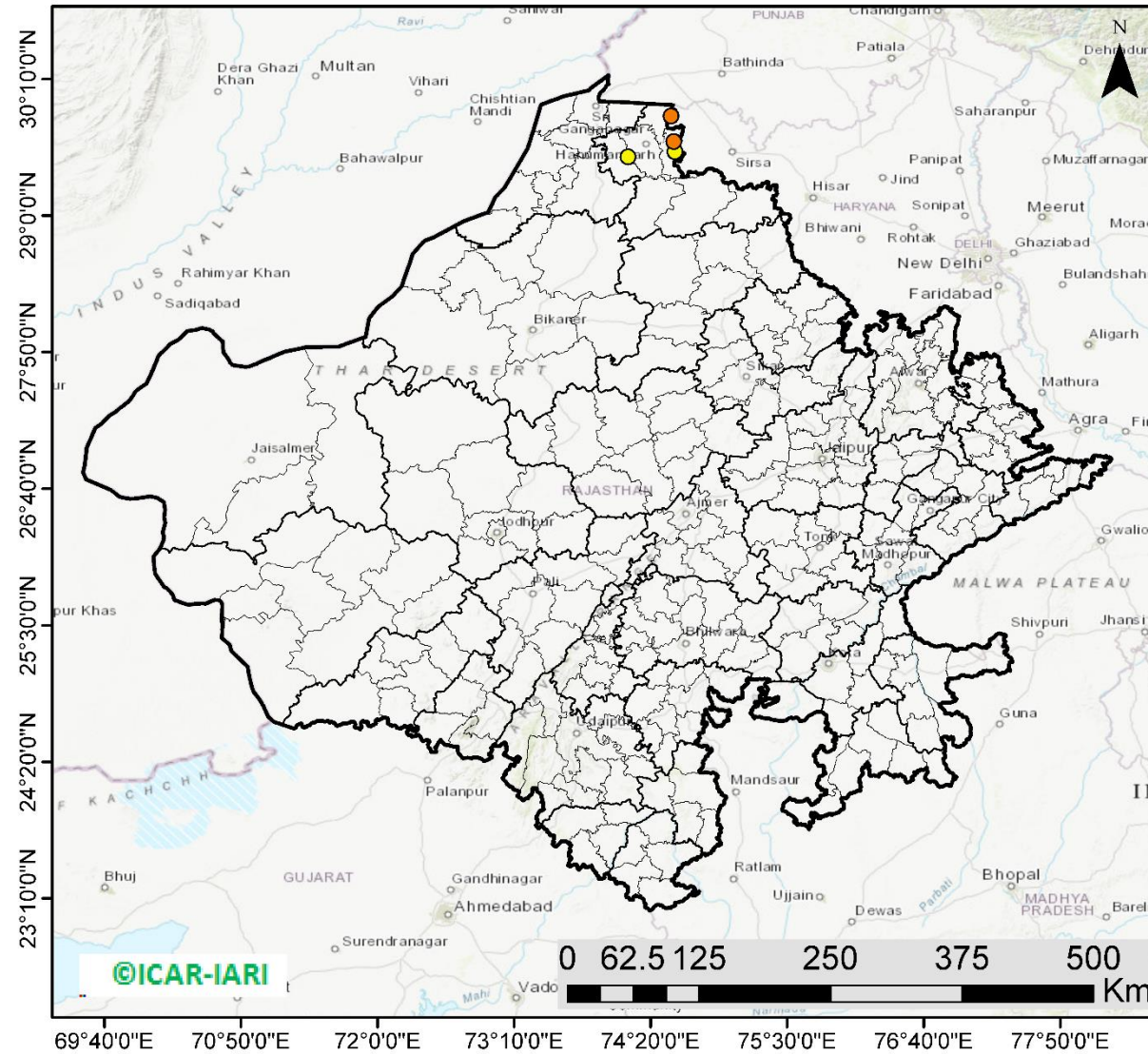
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Uttar Pradesh (15 Sep - 20 Oct-2021)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



04 burning events detected in Rajasthan on **20th October 2021**

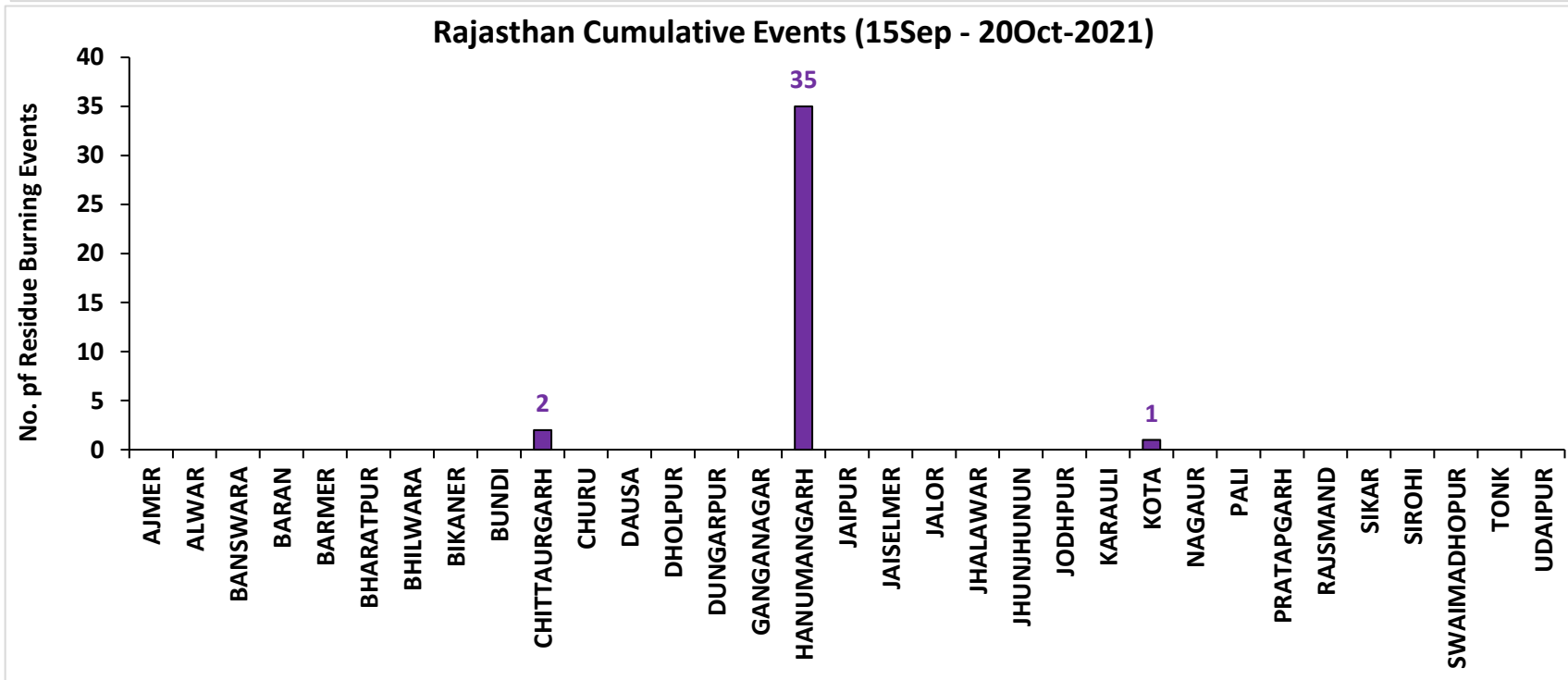
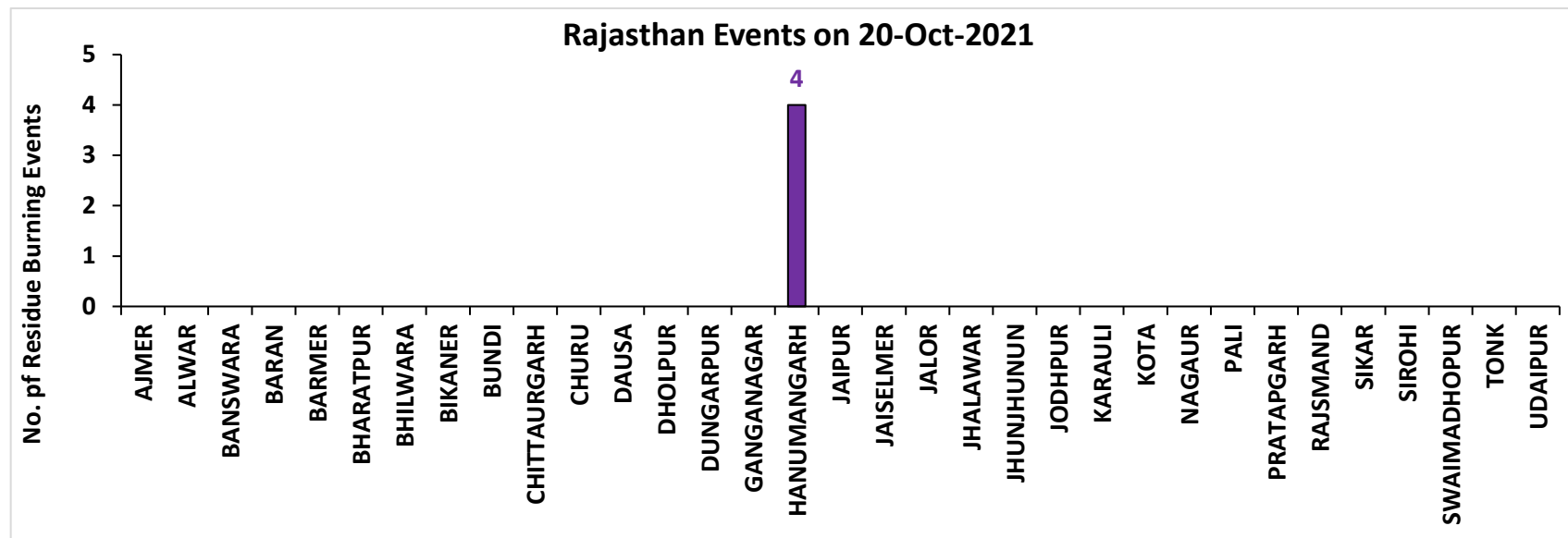
Fire Intensity (W/m²)

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



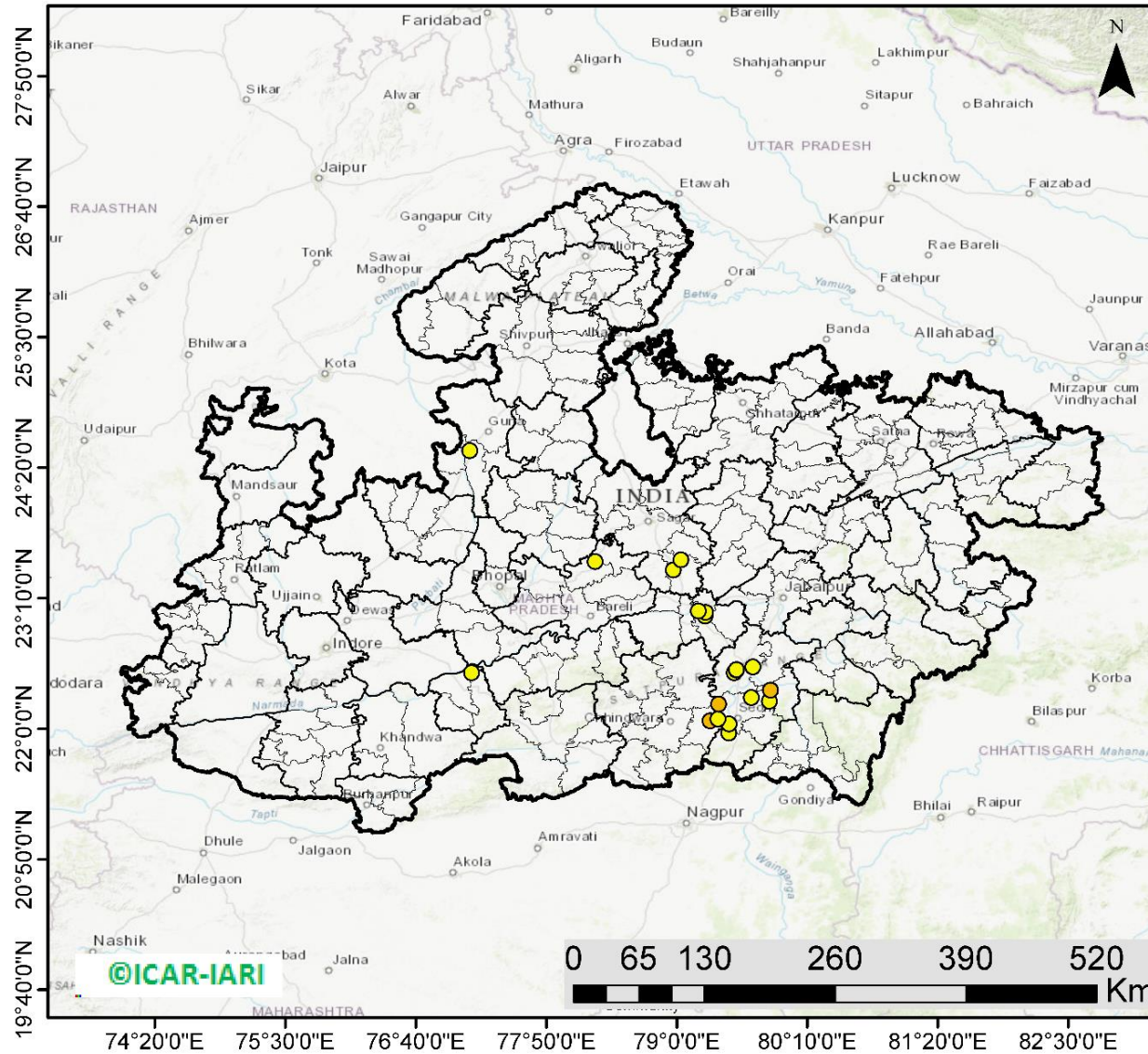
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Rajasthan (15 Sep - 20 Oct-2021)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



21 burning events detected in MP on 20th October 2021

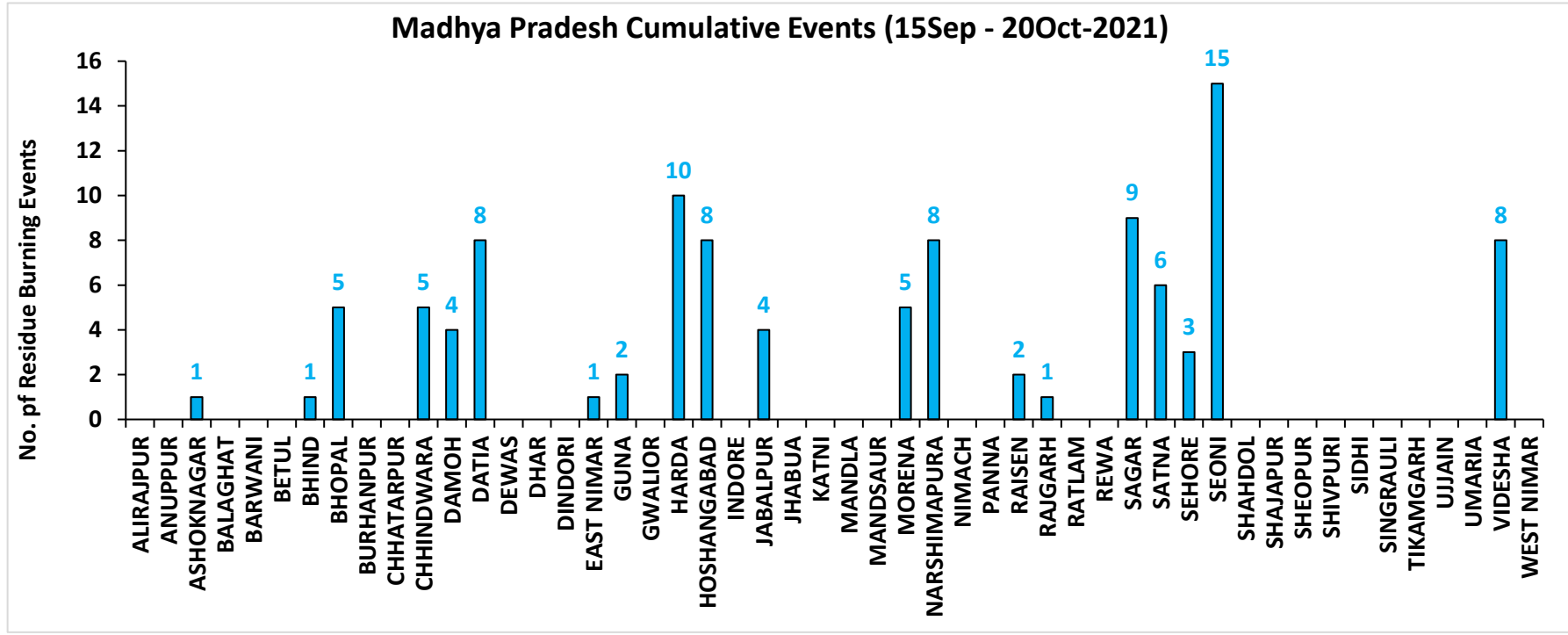
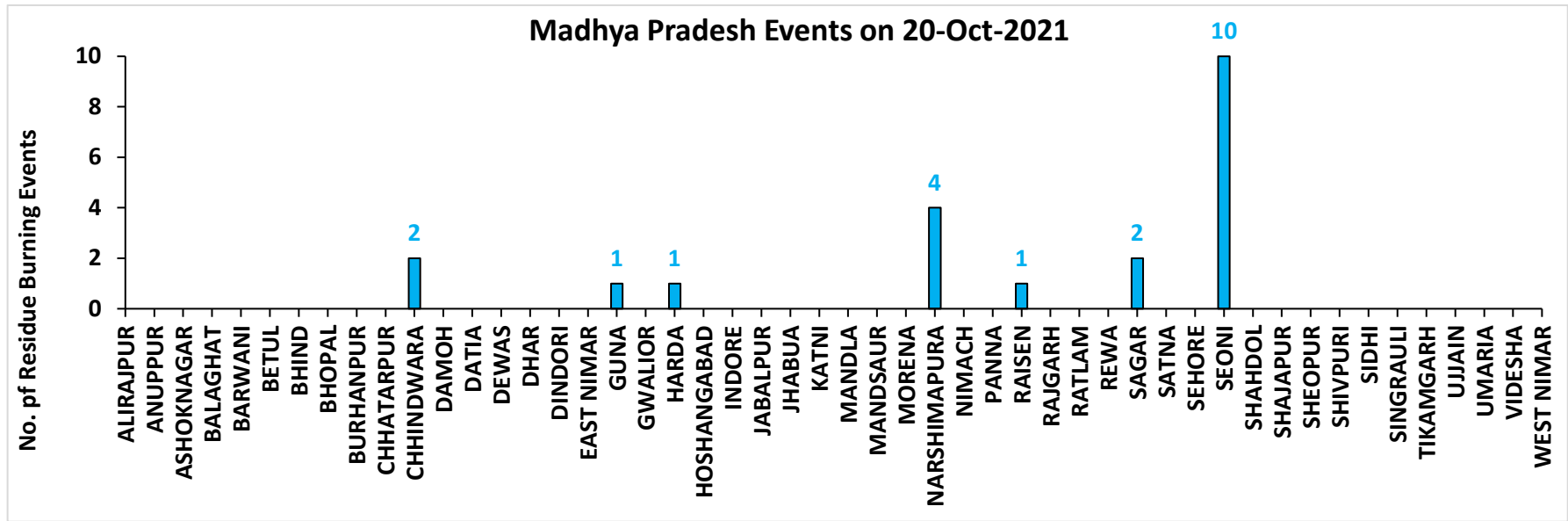
Fire Intensity (W/m²)

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



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

District-wise cumulative number of residues burning events in Madhya Pradesh (15 Sep - 20 Oct-2021)



District-wise cumulative number of residues burning events detected in 2020 and 2021
(Period: 15 September - 20 October)

(a) Punjab

District	15 Sep – 20 Oct	
	2020	2021
AMRITSAR	2111	752
BARNALA	28	29
BATHINDA	113	33
FARIDKOT	459	151
FATEHGARH SAHIB	238	152
FAZILKA	116	56
FIROZPUR	1026	203
GURDASPUR	664	234
HOSHIARPUR	81	27
JALANDHAR	188	150
KAPURTHALA	435	172
LUDHIANA	216	232
MANSA	77	12
MOGA	129	76
MUKTSAR	94	49
PATHANKOT	4	0
PATIALA	780	335
RUPNAGAR	46	27
SANGRUR	210	71
SAS NAGAR (MOHALI)	58	37
SBS NAGAR	18	18
TARN TARAN	2308	914
Total	9399	3730

(b) Haryana

District	15 Sep – 20 Oct	
	2020	2021
AMBALA	143	55
BHIWANI	0	0
CHARKHI DADRI	0	0
FARIDABAD	0	1
FATEHABAD	69	71
GURGAON	0	0
HISAR	9	2
JHAJJAR	1	0
JIND	34	51
KAITHAL	228	342
KARNAL	340	397
KURUKSHETRA	266	216
MAHENDRAGARH	0	0
MEWAT	0	0
PALWAL	19	25
PANCHKULA	0	0
PANIPAT	10	16
REWARI	0	0
ROHTAK	1	0
SIRSA	21	10
SONIPAT	12	5
YAMUNANAGAR	72	46
Total	1225	1237

(c) Uttar Pradesh

District	15 Sep – 20 Oct							
	2020	2021	GAUTAMBUDHNAGAR	2	7	MUZAFARNAGAR	3	2
AGRA	2	0	GAZIPUR	0	0	PILHIBHIT	8	108
ALIGARH	38	21	GHAZIABAD	3	2	PRATAPGARH	1	0
ALLAHABAD	0	1	GONDA	0	0	RAIBEARELI	1	0
AMBEDKARNAGAR	0	0	GORAKHPUR	1	0	RAMPUR	35	50
AMETHI	0	1	HAMIRPUR	1	0	SAMBHAL	7	7
AMROHA	1	0	HAPUR	3	1	SANTKABIRNAGAR	0	0
AURAIYA	17	6	HARDOI	13	6	SANTRAVIDASNAGAR	0	0
AZAMGARH	0	0	HATHRAS	0	0	SHAHJAHANPUR	47	181
BADAUN	1	6	JALAUN	0	0	SHAMLI	20	11
BAGHPAT	3	1	JAUNPUR	0	0	SHARANPUR	33	17
BAHRAICH	9	2	JHANSI	10	6	SHRAWASTI	7	0
BALLIA	0	0	KANNAUJ	3	1	SIDDHARTHANAGAR	0	0
BALRAMPUR	1	1	KANPUR	3	7	SITAPUR	14	9
BANDA	0	0	KANPUR DEHAT	11	1	SONBHADRA	0	0
BARABANKI	15	20	KASGANJ	2	2	SULTANPUR	0	0
BAREILLY	19	15	KAUSHAMBI	9	3	UNNAO	5	0
BASTI	3	1	KHERI	44	54	VARANASI	1	0
BIJNOR	6	3	KUSHINAGAR	0	0	Total	529	626
BULANDSAHAR	15	2	LALITPUR	0	1			
CHANDAULI	0	0	LUCKNOW	2	0			
CHITRAKOOT	0	1	MAHARAJGANJ	0	0			
DEORIA	0	0	MAHOBA	3	0			
ETAH	8	6	MAINPURI	11	7			
ETAWAH	5	7	MATHURA	31	27			
FAIZABAD	1	0	MAU	0	0			
FARRUKHABAD	0	0	MEERUT	12	4			
FATEHPUR	18	6	MIRZAPUR	6	5			
FIROZABAD	10	4	MORADABAD	5	3			

(d) Delhi

District	15 Sep – 20 Oct	
	2020	2021
CENTRAL	0	0
EAST	0	0
NEW DELHI	0	0
NORTH	2	0
NORTH EAST	0	0
NORTH WEST DELHI		
SHAHADRA	1	0
SOUTH	0	0
SOUTH EAST	1	0
SOUTH WEST DELHI	0	0
WEST DELHI	0	0
Total	4	0

(e) Rajasthan

District	15 Sep – 20 Oct	
	2020	2021
AJMER	0	0
ALWAR	1	0
BANSWARA	0	0
BARAN	88	0
BARMER	2	0
BHARATPUR	2	0
BHILWARA	2	0
BIKANER	1	0
BUNDI	11	0
CHITTAURGARH	0	2
CHURU	0	0
DAUSA	0	0
DHOLPUR	0	0
DUNGARPUR	0	0
GANGANAGAR	3	0
HANUMANGARH	170	35
JAIPUR	1	0
JAISELMER	2	0
JALOR	0	0
JHALAWAR	1	0
JHUNJHUNUN	1	0
JODHPUR	1	0
KARALI	1	0
KOTA	27	1
NAGPUR	0	0
PALI	1	0
PRATAPGARH	4	0
RAJSMAND	0	0
SIKAR	0	0
SIROHI	1	0
SWAIMADHOPUR	8	0
TONK	2	0
UDAIPUR	0	0
Total	330	38

(f) Madhya Pradesh

District	15 Sep – 20 Oct				
	2020	2021			
			PANNA	3	0
ALIRAJPUR	0	0	RAISEN	18	2
ANUPPUR	0	0	RAJGARH	7	1
ASHOKNAGAR	19	1	RATLAM	0	0
BALAGHAT	0	0	REWA	4	0
BARWANI	0	0	SAGAR	15	9
BETUL	1	0	SATNA	11	6
BHIND	9	1	SEHORE	9	3
BHOPAL	6	5	SEONI	37	15
BURHANPUR	0	0	SHAHDOL	0	0
CHHATARPUR	4	0	SHAJAPUR	5	0
CHHINDWARA	4	5	SHEOPUR	16	0
DAMOH	20	4	SHIVPURI	9	0
DATIA	77	8	SIDHI	0	0
DEWAS	3	0	SINGRAULI	0	0
DHAR	21	0	TIKAMGARH	1	0
DINDORI	0	0	UJJAIN	5	0
EAST NIMAR	2	1	UMARIA	0	0
GUNA	16	2	VIDESHA	60	8
GWALIOR	48	0	WEST NIMAR	6	0
HARDA	8	10	Total	530	106
HOSHANGABAD	38	8			
INDORE	2	0			
JABALPUR	12	4			
JHABUA	0	0			
KATNI	3	0			
MANDLA	1	0			
MANDSAUR	3	0			
MORENA	18	5			
NARSHIMAPURA	9	8			
NIMACH	0	0			

State-wise and date-wise number of paddy residue burning events detected in 2020 and 2021
(Period: 15 September – 20 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

13-Oct	266	132	47	91	36	42	0	0	7	5	21	2
14-Oct	605	229	69	98	9	68	0	0	16	1	15	11
15-Oct	449	660	106	363	15	149	0	0	9	8	8	27
16-Oct	654	429	80	176	21	121	1	0	12	2	23	13
17-Oct	1172	14	143	0	38	39	0	0	26	0	63	1
18-Oct	938	57	166	1	76	0	0	0	37	2	88	0
19-Oct	1080	496	72	55	43	5	0	0	27	5	49	1
20-Oct	890	788	62	155	31	1	0	0	26	4	9	21
Total	9399	3730	1225	1237	529	626	4	0	330	38	530	106

Details of residue burning events in Punjab on 20-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	AMLOH	FATEHGARH SAHIB	AQUA	30.64560	76.27934	10/20/2021	14:07	D	22.91
2	AMRITSAR	AJNALA	S-NPP	31.79856	74.83878	10/20/2021	13:35	D	4.44
3	AMRITSAR	AJNALA	S-NPP	31.84298	74.93002	10/20/2021	13:35	D	2.69
4	AMRITSAR	AJNALA	S-NPP	31.87056	74.86585	10/20/2021	13:35	D	1.42
5	AMRITSAR	AJNALA	S-NPP	31.87559	74.74377	10/20/2021	13:35	D	1.11
6	AMRITSAR	AJNALA	S-NPP	31.89364	74.86101	10/20/2021	13:35	D	1.47
7	AMRITSAR	AJNALA	S-NPP	31.89771	74.69346	10/20/2021	13:35	D	5.41
8	AMRITSAR	AJNALA	S-NPP	31.96906	74.95816	10/20/2021	13:35	D	3.89
9	AMRITSAR	AJNALA	S-NPP	31.99624	74.86896	10/20/2021	13:35	D	2.44
10	AMRITSAR	ATTARI	S-NPP	31.54229	74.87039	10/20/2021	13:35	D	2.69
11	AMRITSAR	ATTARI	S-NPP	31.54953	74.63165	10/20/2021	13:35	D	3.66
12	AMRITSAR	ATTARI	S-NPP	31.55322	74.63550	10/20/2021	13:35	D	4.93
13	AMRITSAR	ATTARI	S-NPP	31.55894	74.69207	10/20/2021	13:35	D	4.36
14	AMRITSAR	ATTARI	S-NPP	31.56475	74.86152	10/20/2021	13:35	D	3.23
15	AMRITSAR	ATTARI	S-NPP	31.57127	74.79358	10/20/2021	13:35	D	1.83
16	AMRITSAR	ATTARI	S-NPP	31.57128	74.68575	10/20/2021	13:35	D	4.96
17	AMRITSAR	ATTARI	S-NPP	31.58434	74.87822	10/20/2021	13:35	D	4.92
18	AMRITSAR	ATTARI	S-NPP	31.59621	74.78044	10/20/2021	13:35	D	3.79
19	AMRITSAR	ATTARI	S-NPP	31.59842	74.75083	10/20/2021	13:35	D	6.82
20	AMRITSAR	ATTARI	S-NPP	31.60048	74.65456	10/20/2021	13:35	D	3.80
21	AMRITSAR	ATTARI	S-NPP	31.60172	74.75014	10/20/2021	13:35	D	6.82
22	AMRITSAR	ATTARI	S-NPP	31.61055	74.63168	10/20/2021	13:35	D	3.08
23	AMRITSAR	CHOGAWAN	S-NPP	31.65043	74.66899	10/20/2021	13:35	D	2.17
24	AMRITSAR	CHOGAWAN	S-NPP	31.67711	74.53913	10/20/2021	13:35	D	1.60
25	AMRITSAR	CHOGAWAN	S-NPP	31.67828	74.65567	10/20/2021	13:35	D	1.88
26	AMRITSAR	CHOGAWAN	S-NPP	31.67844	74.72237	10/20/2021	13:35	D	2.05
27	AMRITSAR	CHOGAWAN	S-NPP	31.70161	74.52137	10/20/2021	13:35	D	5.70
28	AMRITSAR	CHOGAWAN	S-NPP	31.70490	74.52066	10/20/2021	13:35	D	6.49
29	AMRITSAR	CHOGAWAN	S-NPP	31.77527	74.60217	10/20/2021	13:35	D	21.50

30	AMRITSAR	CHOGAWAN	S-NPP	31.83026	74.64897	10/20/2021	13:35	D	3.22
31	AMRITSAR	CHOGAWAN	S-NPP	31.85098	74.60695	10/20/2021	13:35	D	1.53
32	AMRITSAR	HARSHA CHHINA	S-NPP	31.73842	74.71384	10/20/2021	13:35	D	5.12
33	AMRITSAR	HARSHA CHHINA	S-NPP	31.75928	74.73863	10/20/2021	13:35	D	2.70
34	AMRITSAR	HARSHA CHHINA	S-NPP	31.77337	74.78571	10/20/2021	13:35	D	2.18
35	AMRITSAR	HARSHA CHHINA	S-NPP	31.78120	74.79240	10/20/2021	13:35	D	4.78
36	AMRITSAR	HARSHA CHHINA	S-NPP	31.78786	74.85770	10/20/2021	13:35	D	3.36
37	AMRITSAR	JANDIALA GURU	S-NPP	31.52337	74.99073	10/20/2021	13:35	D	5.00
38	AMRITSAR	JANDIALA GURU	S-NPP	31.52378	74.94910	10/20/2021	13:35	D	6.36
39	AMRITSAR	JANDIALA GURU	S-NPP	31.52460	74.99879	10/20/2021	13:35	D	1.96
40	AMRITSAR	JANDIALA GURU	S-NPP	31.53077	75.03905	10/20/2021	13:35	D	3.82
41	AMRITSAR	JANDIALA GURU	S-NPP	31.55076	75.01412	10/20/2021	13:35	D	6.06
42	AMRITSAR	JANDIALA GURU	S-NPP	31.55138	75.01814	10/20/2021	13:35	D	4.19
43	AMRITSAR	JANDIALA GURU	S-NPP	31.55279	75.07188	10/20/2021	13:35	D	2.05
44	AMRITSAR	JANDIALA GURU	S-NPP	31.55609	75.07120	10/20/2021	13:35	D	2.05
45	AMRITSAR	JANDIALA GURU	S-NPP	31.55670	75.07523	10/20/2021	13:35	D	1.68
46	AMRITSAR	JANDIALA GURU	S-NPP	31.57050	75.07652	10/20/2021	13:35	D	2.49
47	AMRITSAR	JANDIALA GURU	S-NPP	31.57112	75.08054	10/20/2021	13:35	D	3.65
48	AMRITSAR	JANDIALA GURU	S-NPP	31.59218	75.01797	10/20/2021	13:35	D	5.36
49	AMRITSAR	JANDIALA GURU	S-NPP	31.59670	75.02534	10/20/2021	13:35	D	1.61
50	AMRITSAR	MAJITHA	S-NPP	31.69625	75.05500	10/20/2021	13:35	D	4.12
51	AMRITSAR	MAJITHA	S-NPP	31.73816	75.08886	10/20/2021	13:35	D	2.48
52	AMRITSAR	MAJITHA	S-NPP	31.74317	74.98789	10/20/2021	13:35	D	1.64
53	AMRITSAR	MAJITHA	S-NPP	31.74935	74.89496	10/20/2021	13:35	D	3.93
54	AMRITSAR	MAJITHA	S-NPP	31.74977	74.98652	10/20/2021	13:35	D	4.81
55	AMRITSAR	MAJITHA	S-NPP	31.76499	75.04164	10/20/2021	13:35	D	2.02
56	AMRITSAR	MAJITHA	S-NPP	31.78192	74.92980	10/20/2021	13:35	D	2.59
57	AMRITSAR	RAYYA	S-NPP	31.52711	75.18921	10/20/2021	13:35	D	5.13
58	AMRITSAR	RAYYA	S-NPP	31.55322	75.20892	10/20/2021	13:35	D	4.41
59	AMRITSAR	RAYYA	S-NPP	31.57660	75.34133	10/20/2021	13:35	D	3.56
60	AMRITSAR	RAYYA	S-NPP	31.61203	75.35073	10/20/2021	13:35	D	12.74
61	AMRITSAR	RAYYA	S-NPP	31.61955	75.22021	10/20/2021	13:35	D	11.57
62	AMRITSAR	RAYYA	S-NPP	31.62106	75.36554	10/20/2021	13:35	D	0.67

63	AMRITSAR	RAYYA	S-NPP	31.62219	75.32784	10/20/2021	13:35	D	2.83
64	AMRITSAR	RAYYA	S-NPP	31.65032	75.28878	10/20/2021	13:35	D	5.55
65	AMRITSAR	RAYYA	S-NPP	31.65279	75.28455	10/20/2021	13:35	D	6.47
66	AMRITSAR	RAYYA	S-NPP	31.65340	75.28860	10/20/2021	13:35	D	9.29
67	AMRITSAR	RAYYA	S-NPP	31.66782	75.29396	10/20/2021	13:35	D	4.51
68	AMRITSAR	RAYYA	S-NPP	31.66842	75.29800	10/20/2021	13:35	D	4.51
69	AMRITSAR	TARSIKKA	S-NPP	31.61405	75.18391	10/20/2021	13:35	D	2.28
70	AMRITSAR	TARSIKKA	S-NPP	31.63781	75.16280	10/20/2021	13:35	D	1.74
71	AMRITSAR	TARSIKKA	S-NPP	31.67639	75.12570	10/20/2021	13:35	D	3.46
72	AMRITSAR	TARSIKKA	S-NPP	31.68468	75.09070	10/20/2021	13:35	D	1.66
73	AMRITSAR	TARSIKKA	S-NPP	31.68897	75.11894	10/20/2021	13:35	D	2.87
74	AMRITSAR	TARSIKKA	S-NPP	31.69107	75.22257	10/20/2021	13:35	D	2.78
75	AMRITSAR	TARSIKKA	S-NPP	31.69717	75.15054	10/20/2021	13:35	D	3.81
76	AMRITSAR	TARSIKKA	S-NPP	31.73321	75.16391	10/20/2021	13:35	D	2.39
77	AMRITSAR	VERKA	S-NPP	31.65569	74.96773	10/20/2021	13:35	D	2.77
78	AMRITSAR	VERKA	S-NPP	31.69340	74.94736	10/20/2021	13:35	D	1.33
79	AMRITSAR	VERKA	S-NPP	31.70700	74.96951	10/20/2021	13:35	D	7.54
80	AMRITSAR	VERKA	S-NPP	31.71029	74.96882	10/20/2021	13:35	D	7.54
81	BARNALA	BARNALA	S-NPP	30.36608	75.57278	10/20/2021	13:35	D	3.70
82	BARNALA	MAHAL KALAN	S-NPP	30.51608	75.42461	10/20/2021	13:35	D	18.47
83	BARNALA	MAHAL KALAN	S-NPP	30.52059	75.43192	10/20/2021	13:35	D	12.95
84	BARNALA	MAHAL KALAN	S-NPP	30.54077	75.49770	10/20/2021	13:35	D	1.52
85	BARNALA	MAHAL KALAN	S-NPP	30.56084	75.47311	10/20/2021	13:35	D	2.62
86	BATHINDA	BATHINDA	S-NPP	30.07986	75.03204	10/20/2021	13:35	D	4.85
87	BATHINDA	BATHINDA	S-NPP	30.20741	74.78811	10/20/2021	13:35	D	2.69
88	BATHINDA	BATHINDA	S-NPP	30.25425	74.86904	10/20/2021	13:35	D	6.08
89	BATHINDA	BHAGTA BHAI KA	S-NPP	30.37836	75.16512	10/20/2021	13:35	D	10.95
90	BATHINDA	GONIANA MANDI	S-NPP	30.34147	74.81898	10/20/2021	13:35	D	4.60
91	BATHINDA	GONIANA MANDI	S-NPP	30.36139	74.88079	10/20/2021	13:35	D	3.57
92	BATHINDA	GONIANA MANDI	S-NPP	30.36362	74.85148	10/20/2021	13:35	D	7.49
93	BATHINDA	GONIANA MANDI	S-NPP	30.36469	74.88010	10/20/2021	13:35	D	10.67
94	BATHINDA	PHUL	S-NPP	30.26897	75.18233	10/20/2021	13:35	D	1.89
95	BATHINDA	PHUL	S-NPP	30.27227	75.18166	10/20/2021	13:35	D	1.89

96	BATHINDA	PHUL	S-NPP	30.30469	75.28169	10/20/2021	13:35	D	33.74
97	BATHINDA	PHUL	S-NPP	30.35543	75.21496	10/20/2021	13:35	D	13.27
98	BATHINDA	PHUL	S-NPP	30.37097	75.29385	10/20/2021	13:35	D	2.50
99	BATHINDA	PHUL	S-NPP	30.39646	75.19426	10/20/2021	13:35	D	2.16
100	BATHINDA	TALWANDI SABO	S-NPP	29.84149	75.11336	10/20/2021	13:35	D	3.42
101	BHIKHIWIND	TARN TARAN	AQUA	31.30313	74.68143	10/20/2021	14:07	D	9.72
102	BHIKHIWIND	TARN TARAN	AQUA	31.38977	74.64717	10/20/2021	14:07	D	35.48
103	BHIKHIWIND	TARN TARAN	AQUA	31.42947	74.70659	10/20/2021	14:07	D	14.11
104	CHOHLA SAHIB	TARN TARAN	AQUA	31.23639	75.02937	10/20/2021	14:07	D	13.89
105	CHOHLA SAHIB	TARN TARAN	AQUA	31.28826	75.09064	10/20/2021	14:07	D	11.16
106	DERA BABA NANAK	GURDASPUR	AQUA	32.00103	74.93507	10/20/2021	14:07	D	10.42
107	DERA BABA NANAK	GURDASPUR	AQUA	32.00107	74.94213	10/20/2021	14:07	D	8.96
108	DHILWAN	KAPURTHALA	AQUA	31.50565	75.44905	10/20/2021	14:07	D	13.26
109	DHILWAN	KAPURTHALA	AQUA	31.53502	75.39050	10/20/2021	14:07	D	10.32
110	FARIDKOT	FARIDKOT	S-NPP	30.62410	74.67776	10/20/2021	13:35	D	1.38
111	FARIDKOT	FARIDKOT	S-NPP	30.66906	74.83381	10/20/2021	13:35	D	18.28
112	FARIDKOT	FARIDKOT	S-NPP	30.71615	74.68027	10/20/2021	13:35	D	3.70
113	FARIDKOT	FARIDKOT	S-NPP	30.72416	74.66616	10/20/2021	13:35	D	14.91
114	FARIDKOT	FARIDKOT	S-NPP	30.72734	74.77314	10/20/2021	13:35	D	10.02
115	FARIDKOT	FARIDKOT	S-NPP	30.72952	74.54882	10/20/2021	13:35	D	2.64
116	FARIDKOT	FARIDKOT	S-NPP	30.73126	74.47357	10/20/2021	13:35	D	5.01
117	FARIDKOT	FARIDKOT	S-NPP	30.73130	74.58167	10/20/2021	13:35	D	2.49
118	FARIDKOT	FARIDKOT	S-NPP	30.74554	74.52048	10/20/2021	13:35	D	2.44
119	FARIDKOT	FARIDKOT	S-NPP	30.75215	74.51908	10/20/2021	13:35	D	5.50
120	FARIDKOT	FARIDKOT	S-NPP	30.75546	74.51837	10/20/2021	13:35	D	12.97
121	FARIDKOT	FARIDKOT	S-NPP	30.75558	74.49754	10/20/2021	13:35	D	2.46
122	FARIDKOT	FARIDKOT	S-NPP	30.75622	74.50156	10/20/2021	13:35	D	3.11
123	FARIDKOT	FARIDKOT	S-NPP	30.75801	74.53447	10/20/2021	13:35	D	4.98
124	FARIDKOT	FARIDKOT	S-NPP	30.75860	74.64648	10/20/2021	13:35	D	4.13
125	FARIDKOT	FARIDKOT	S-NPP	30.75923	74.65048	10/20/2021	13:35	D	10.59
126	FARIDKOT	FARIDKOT	S-NPP	30.77576	74.73402	10/20/2021	13:35	D	6.76
127	FARIDKOT	FARIDKOT	S-NPP	30.77749	74.67981	10/20/2021	13:35	D	2.87
128	FARIDKOT	FARIDKOT	S-NPP	30.77907	74.73334	10/20/2021	13:35	D	6.76

129	FARIDKOT	FARIDKOT	S-NPP	30.79070	74.67703	10/20/2021	13:35	D	5.58
130	FARIDKOT	FARIDKOT	S-NPP	30.79253	74.56483	10/20/2021	13:35	D	3.09
131	FARIDKOT	FARIDKOT	S-NPP	30.79479	74.65958	10/20/2021	13:35	D	1.72
132	FARIDKOT	FARIDKOT	S-NPP	30.80234	74.70774	10/20/2021	13:35	D	15.82
133	FARIDKOT	FARIDKOT	S-NPP	30.80828	74.68600	10/20/2021	13:35	D	14.76
134	FARIDKOT	FARIDKOT	S-NPP	30.81326	74.63104	10/20/2021	13:35	D	6.90
135	FARIDKOT	FARIDKOT	S-NPP	30.81551	74.68864	10/20/2021	13:35	D	4.19
136	FARIDKOT	FARIDKOT	S-NPP	30.81614	74.69264	10/20/2021	13:35	D	4.19
137	FARIDKOT	FARIDKOT	S-NPP	30.81726	74.72141	10/20/2021	13:35	D	10.26
138	FARIDKOT	FARIDKOT	S-NPP	30.82226	74.66648	10/20/2021	13:35	D	6.31
139	FARIDKOT	FARIDKOT	AQUA	30.60371	74.75042	10/20/2021	14:07	D	30.66
140	FARIDKOT	FARIDKOT	AQUA	30.60505	74.74475	10/20/2021	14:07	D	35.65
141	FARIDKOT	FARIDKOT	AQUA	30.62027	74.67928	10/20/2021	14:07	D	19.83
142	FARIDKOT	FARIDKOT	AQUA	30.66781	74.81588	10/20/2021	14:07	D	22.63
143	FARIDKOT	FARIDKOT	AQUA	30.66949	74.83175	10/20/2021	14:07	D	28.94
144	FARIDKOT	FARIDKOT	AQUA	30.72260	74.67343	10/20/2021	14:07	D	9.30
145	FARIDKOT	FARIDKOT	AQUA	30.73844	74.51472	10/20/2021	14:07	D	9.22
146	FARIDKOT	FARIDKOT	AQUA	30.74413	74.87902	10/20/2021	14:07	D	40.20
147	FARIDKOT	FARIDKOT	AQUA	30.80180	74.67251	10/20/2021	14:07	D	15.94
148	FARIDKOT	JAITON	S-NPP	30.40262	74.82285	10/20/2021	13:35	D	7.54
149	FARIDKOT	JAITON	S-NPP	30.40734	74.80948	10/20/2021	13:35	D	3.63
150	FARIDKOT	JAITON	S-NPP	30.46894	74.85442	10/20/2021	13:35	D	1.14
151	FARIDKOT	JAITON	S-NPP	30.53162	74.88701	10/20/2021	13:35	D	18.17
152	FARIDKOT	KOT KAPURA	S-NPP	30.52428	74.81838	10/20/2021	13:35	D	12.28
153	FARIDKOT	KOT KAPURA	S-NPP	30.57146	74.77136	10/20/2021	13:35	D	2.61
154	FATEHGARH SAHIB	AMLOH	S-NPP	30.56846	76.18072	10/20/2021	13:35	D	11.36
155	FATEHGARH SAHIB	AMLOH	S-NPP	30.67826	76.33435	10/20/2021	13:35	D	3.12
156	FATEHGARH SAHIB	AMLOH	S-NPP	30.67884	76.33841	10/20/2021	13:35	D	3.12
157	FATEHGARH SAHIB	AMLOH	S-NPP	30.70605	76.33734	10/20/2021	13:35	D	1.57
158	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67428	76.47310	10/20/2021	13:35	D	4.16
159	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67528	76.45615	10/20/2021	13:35	D	2.42
160	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67744	76.44736	10/20/2021	13:35	D	2.20
161	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67861	76.45552	10/20/2021	13:35	D	2.42

162	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67920	76.45959	10/20/2021	13:35	D	4.28
163	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.68528	76.45424	10/20/2021	13:35	D	2.66
164	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70018	76.43882	10/20/2021	13:35	D	2.72
165	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70469	76.44633	10/20/2021	13:35	D	2.47
166	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71448	76.49056	10/20/2021	13:35	D	3.42
167	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71742	76.51099	10/20/2021	13:35	D	1.98
168	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.73371	76.45753	10/20/2021	13:35	D	5.01
169	FATEHGARH SAHIB	KHAMANON	S-NPP	30.74979	76.38786	10/20/2021	13:35	D	9.21
170	FATEHGARH SAHIB	KHAMANON	S-NPP	30.78799	76.29687	10/20/2021	13:35	D	4.13
171	FATEHGARH SAHIB	KHERA	S-NPP	30.56811	76.48478	10/20/2021	13:35	D	6.67
172	FATEHGARH SAHIB	KHERA	S-NPP	30.57145	76.48415	10/20/2021	13:35	D	4.59
173	FATEHGARH SAHIB	KHERA	S-NPP	30.58671	76.51891	10/20/2021	13:35	D	5.49
174	FATEHGARH SAHIB	KHERA	S-NPP	30.59005	76.51826	10/20/2021	13:35	D	4.96
175	FATEHGARH SAHIB	KHERA	S-NPP	30.59654	76.49191	10/20/2021	13:35	D	2.57
176	FATEHGARH SAHIB	KHERA	S-NPP	30.60691	76.54021	10/20/2021	13:35	D	2.83
177	FATEHGARH SAHIB	KHERA	S-NPP	30.61164	76.50158	10/20/2021	13:35	D	2.59
178	FATEHGARH SAHIB	KHERA	S-NPP	30.62713	76.49024	10/20/2021	13:35	D	7.72
179	FATEHGARH SAHIB	KHERA	S-NPP	30.63067	76.51471	10/20/2021	13:35	D	1.77
180	FATEHGARH SAHIB	KHERA	S-NPP	30.64861	76.46126	10/20/2021	13:35	D	2.61
181	FATEHGARH SAHIB	KHERA	S-NPP	30.65878	76.48444	10/20/2021	13:35	D	2.90
182	FATEHGARH SAHIB	KHERA	S-NPP	30.66703	76.47030	10/20/2021	13:35	D	3.87
183	FATEHGARH SAHIB	KHERA	S-NPP	30.68437	76.56770	10/20/2021	13:35	D	5.59
184	FATEHGARH SAHIB	KHERA	TERRA	30.56283	76.53496	10/20/2021	10:48	D	19.05
185	FATEHGARH SAHIB	SIRHIND	S-NPP	30.48236	76.47491	10/20/2021	13:35	D	4.50
186	FATEHGARH SAHIB	SIRHIND	S-NPP	30.48451	76.46616	10/20/2021	13:35	D	1.25
187	FATEHGARH SAHIB	SIRHIND	S-NPP	30.52645	76.49574	10/20/2021	13:35	D	10.84
188	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55203	76.49204	10/20/2021	13:35	D	4.34
189	FATEHGARH SAHIB	SIRHIND	S-NPP	30.57620	76.37464	10/20/2021	13:35	D	6.65
190	FATEHGARH SAHIB	SIRHIND	S-NPP	30.58401	76.45246	10/20/2021	13:35	D	8.98
191	FAZILKA	ABOHAR	S-NPP	30.10860	74.23560	10/20/2021	13:35	D	2.95
192	FAZILKA	FAZILKA	S-NPP	30.36757	74.08888	10/20/2021	13:35	D	2.82
193	FAZILKA	FAZILKA	S-NPP	30.36823	74.09296	10/20/2021	13:35	D	2.82
194	FAZILKA	FAZILKA	S-NPP	30.37756	74.08673	10/20/2021	13:35	D	4.31

195	FAZILKA	FAZILKA	S-NPP	30.41819	74.09103	10/20/2021	13:35	D	6.25
196	FAZILKA	FAZILKA	S-NPP	30.44676	74.13962	10/20/2021	13:35	D	2.93
197	FAZILKA	JALALABAD	S-NPP	30.55410	74.19668	10/20/2021	13:35	D	11.07
198	FAZILKA	JALALABAD	S-NPP	30.60726	74.18523	10/20/2021	13:35	D	6.36
199	FAZILKA	KHUIAN SARWAR	S-NPP	30.25353	73.99069	10/20/2021	13:35	D	6.58
200	FAZILKA	KHUIAN SARWAR	S-NPP	30.26957	74.01715	10/20/2021	13:35	D	2.60
201	FAZILKA	KHUIAN SARWAR	S-NPP	30.30491	73.95867	10/20/2021	13:35	D	5.36
202	FIROZPUR	FIROZPUR	S-NPP	30.80448	74.55399	10/20/2021	13:35	D	2.21
203	FIROZPUR	FIROZPUR	S-NPP	30.86258	74.55416	10/20/2021	13:35	D	2.24
204	FIROZPUR	FIROZPUR	S-NPP	30.86737	74.62793	10/20/2021	13:35	D	3.33
205	FIROZPUR	FIROZPUR	S-NPP	30.86801	74.63195	10/20/2021	13:35	D	3.33
206	FIROZPUR	FIROZPUR	S-NPP	30.87068	74.62724	10/20/2021	13:35	D	3.33
207	FIROZPUR	FIROZPUR	S-NPP	30.87131	74.63125	10/20/2021	13:35	D	3.33
208	FIROZPUR	FIROZPUR	S-NPP	31.04485	74.72387	10/20/2021	13:35	D	5.84
209	FIROZPUR	FIROZPUR	S-NPP	31.04922	74.66484	10/20/2021	13:35	D	2.76
210	FIROZPUR	FIROZPUR	S-NPP	31.05192	74.74727	10/20/2021	13:35	D	4.13
211	FIROZPUR	FIROZPUR	S-NPP	31.10374	74.77363	10/20/2021	13:35	D	2.72
212	FIROZPUR	FIROZPUR	AQUA	30.86521	74.64763	10/20/2021	14:07	D	14.38
213	FIROZPUR	FIROZPUR	AQUA	30.96931	74.65763	10/20/2021	14:07	D	14.96
214	FIROZPUR	FIROZPUR	AQUA	30.97103	74.67333	10/20/2021	14:07	D	13.24
215	FIROZPUR	GHALL KHURD	S-NPP	30.81491	74.77159	10/20/2021	13:35	D	4.88
216	FIROZPUR	GHALL KHURD	S-NPP	30.85012	74.73523	10/20/2021	13:35	D	5.63
217	FIROZPUR	GHALL KHURD	S-NPP	30.97097	74.74755	10/20/2021	13:35	D	1.73
218	FIROZPUR	GHALL KHURD	S-NPP	30.98746	74.74409	10/20/2021	13:35	D	1.92
219	FIROZPUR	GHALL KHURD	S-NPP	30.99895	74.70850	10/20/2021	13:35	D	2.58
220	FIROZPUR	GURUHAR SAHAI	S-NPP	30.59690	74.31322	10/20/2021	13:35	D	3.90
221	FIROZPUR	GURUHAR SAHAI	S-NPP	30.62352	74.28659	10/20/2021	13:35	D	6.88
222	FIROZPUR	GURUHAR SAHAI	S-NPP	30.62980	74.36887	10/20/2021	13:35	D	3.27
223	FIROZPUR	GURUHAR SAHAI	S-NPP	30.63862	74.30135	10/20/2021	13:35	D	4.99
224	FIROZPUR	GURUHAR SAHAI	S-NPP	30.63921	74.32632	10/20/2021	13:35	D	8.01
225	FIROZPUR	GURUHAR SAHAI	S-NPP	30.65436	74.35651	10/20/2021	13:35	D	3.92
226	FIROZPUR	GURUHAR SAHAI	S-NPP	30.69791	74.39314	10/20/2021	13:35	D	5.38
227	FIROZPUR	GURUHAR SAHAI	S-NPP	30.70083	74.32568	10/20/2021	13:35	D	1.89

228	FIROZPUR	GURUHAR SAHAI	S-NPP	30.70794	74.37013	10/20/2021	13:35	D	2.88
229	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72155	74.43398	10/20/2021	13:35	D	5.37
230	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72293	74.42117	10/20/2021	13:35	D	9.34
231	FIROZPUR	MAKHU	S-NPP	31.02431	74.82743	10/20/2021	13:35	D	2.15
232	FIROZPUR	MAKHU	S-NPP	31.04168	74.87349	10/20/2021	13:35	D	2.36
233	FIROZPUR	MAKHU	S-NPP	31.04564	75.00922	10/20/2021	13:35	D	7.29
234	FIROZPUR	MAKHU	S-NPP	31.10353	75.01392	10/20/2021	13:35	D	4.72
235	FIROZPUR	MAKHU	S-NPP	31.10683	75.01324	10/20/2021	13:35	D	4.72
236	FIROZPUR	MAMDOT	S-NPP	30.79020	74.50710	10/20/2021	13:35	D	3.66
237	FIROZPUR	MAMDOT	S-NPP	30.79350	74.50640	10/20/2021	13:35	D	2.18
238	FIROZPUR	MAMDOT	S-NPP	30.79958	74.48014	10/20/2021	13:35	D	5.63
239	FIROZPUR	MAMDOT	S-NPP	30.80482	74.34135	10/20/2021	13:35	D	2.09
240	FIROZPUR	MAMDOT	S-NPP	30.81274	74.34801	10/20/2021	13:35	D	7.25
241	FIROZPUR	MAMDOT	S-NPP	30.82732	74.48257	10/20/2021	13:35	D	1.59
242	FIROZPUR	MAMDOT	S-NPP	30.84502	74.50795	10/20/2021	13:35	D	6.62
243	FIROZPUR	MAMDOT	S-NPP	30.84749	74.41575	10/20/2021	13:35	D	30.35
244	FIROZPUR	MAMDOT	S-NPP	30.85111	74.48167	10/20/2021	13:35	D	1.87
245	FIROZPUR	MAMDOT	S-NPP	30.87663	74.40998	10/20/2021	13:35	D	4.18
246	FIROZPUR	MAMDOT	S-NPP	30.91027	74.42784	10/20/2021	13:35	D	5.10
247	FIROZPUR	MAMDOT	S-NPP	30.91605	74.46413	10/20/2021	13:35	D	7.59
248	FIROZPUR	MAMDOT	S-NPP	30.92105	74.51722	10/20/2021	13:35	D	2.22
249	FIROZPUR	MAMDOT	S-NPP	30.92394	74.47079	10/20/2021	13:35	D	3.28
250	FIROZPUR	MAMDOT	S-NPP	30.93407	74.42694	10/20/2021	13:35	D	2.95
251	FIROZPUR	MAMDOT	S-NPP	30.94325	74.44166	10/20/2021	13:35	D	3.57
252	FIROZPUR	ZIRA	S-NPP	30.91517	75.04412	10/20/2021	13:35	D	4.49
253	FIROZPUR	ZIRA	S-NPP	31.00727	74.89309	10/20/2021	13:35	D	8.16
254	FIROZPUR	ZIRA	S-NPP	31.01056	74.89240	10/20/2021	13:35	D	4.38
255	FIROZPUR	ZIRA	S-NPP	31.02003	74.86559	10/20/2021	13:35	D	27.10
256	FIROZPUR	ZIRA	S-NPP	31.02332	74.86491	10/20/2021	13:35	D	27.10
257	GANDIWIND TATLA	TARN TARAN	AQUA	31.51013	74.70478	10/20/2021	14:07	D	12.67
258	GANDIWIND TATLA	TARN TARAN	AQUA	31.51062	74.69904	10/20/2021	14:07	D	14.77
259	GANDIWIND TATLA	TARN TARAN	AQUA	31.55024	74.75932	10/20/2021	14:07	D	18.12
260	GHALL KHURD	FIROZPUR	AQUA	30.95025	74.78890	10/20/2021	14:07	D	29.22

261	GHALL KHURD	FIROZPUR	AQUA	30.96145	74.66900	10/20/2021	14:07	D	18.07
262	GURDASPUR	BATALA	S-NPP	31.71954	75.20838	10/20/2021	13:35	D	6.08
263	GURDASPUR	BATALA	S-NPP	31.72564	75.24876	10/20/2021	13:35	D	6.86
264	GURDASPUR	BATALA	S-NPP	31.72797	75.21914	10/20/2021	13:35	D	3.02
265	GURDASPUR	BATALA	S-NPP	31.75564	75.22686	10/20/2021	13:35	D	1.60
266	GURDASPUR	BATALA	S-NPP	31.78143	75.21738	10/20/2021	13:35	D	3.92
267	GURDASPUR	BATALA	S-NPP	31.84214	75.14648	10/20/2021	13:35	D	3.08
268	GURDASPUR	BATALA	S-NPP	31.87496	75.14019	10/20/2021	13:35	D	3.74
269	GURDASPUR	BATALA	S-NPP	31.90478	75.17992	10/20/2021	13:35	D	7.83
270	GURDASPUR	BATALA	S-NPP	31.90808	75.17924	10/20/2021	13:35	D	5.04
271	GURDASPUR	DERA BABA NANAK	S-NPP	31.90970	75.03286	10/20/2021	13:35	D	2.31
272	GURDASPUR	DERA BABA NANAK	S-NPP	31.91445	75.01936	10/20/2021	13:35	D	4.28
273	GURDASPUR	DERA BABA NANAK	S-NPP	31.92628	75.14208	10/20/2021	13:35	D	2.16
274	GURDASPUR	DERA BABA NANAK	S-NPP	32.01406	75.12000	10/20/2021	13:35	D	3.19
275	GURDASPUR	DERA BABA NANAK	S-NPP	32.01765	75.03152	10/20/2021	13:35	D	2.04
276	GURDASPUR	DERA BABA NANAK	S-NPP	32.01827	75.03558	10/20/2021	13:35	D	2.04
277	GURDASPUR	DERA BABA NANAK	S-NPP	32.05318	74.95360	10/20/2021	13:35	D	2.89
278	GURDASPUR	DERA BABA NANAK	S-NPP	32.05648	74.95291	10/20/2021	13:35	D	3.82
279	GURDASPUR	DHARIWAL	S-NPP	31.84945	75.30766	10/20/2021	13:35	D	2.50
280	GURDASPUR	DHARIWAL	S-NPP	31.91773	75.19811	10/20/2021	13:35	D	2.15
281	GURDASPUR	DHARIWAL	S-NPP	31.92345	75.37227	10/20/2021	13:35	D	2.02
282	GURDASPUR	DHARIWAL	S-NPP	31.93470	75.26562	10/20/2021	13:35	D	2.53
283	GURDASPUR	DHARIWAL	S-NPP	31.95141	75.40001	10/20/2021	13:35	D	2.44
284	GURDASPUR	DHARIWAL	S-NPP	31.95620	75.38647	10/20/2021	13:35	D	1.65
285	GURDASPUR	DHARIWAL	S-NPP	31.95927	75.24802	10/20/2021	13:35	D	2.45
286	GURDASPUR	DORANGALA	S-NPP	32.08538	75.32269	10/20/2021	13:35	D	1.46
287	GURDASPUR	DORANGALA	S-NPP	32.08564	75.30170	10/20/2021	13:35	D	1.43
288	GURDASPUR	DORANGALA	S-NPP	32.08809	75.29754	10/20/2021	13:35	D	2.67
289	GURDASPUR	DORANGALA	S-NPP	32.08870	75.30160	10/20/2021	13:35	D	3.92
290	GURDASPUR	DORANGALA	S-NPP	32.10042	75.31175	10/20/2021	13:35	D	2.70
291	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.79276	75.09002	10/20/2021	13:35	D	3.54
292	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.79605	75.08934	10/20/2021	13:35	D	3.54
293	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.85296	75.10722	10/20/2021	13:35	D	1.86

294	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.86231	75.03439	10/20/2021	13:35	D	5.33
295	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.86728	75.00000	10/20/2021	13:35	D	3.05
296	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.86745	75.04583	10/20/2021	13:35	D	5.95
297	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.90350	75.05918	10/20/2021	13:35	D	4.35
298	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.90389	75.08413	10/20/2021	13:35	D	2.80
299	GURDASPUR	GURDASPUR	S-NPP	31.99233	75.33759	10/20/2021	13:35	D	2.17
300	GURDASPUR	GURDASPUR	S-NPP	32.07112	75.25027	10/20/2021	13:35	D	7.60
301	GURDASPUR	KAHNUWAN	S-NPP	31.82377	75.40884	10/20/2021	13:35	D	13.08
302	GURDASPUR	KAHNUWAN	S-NPP	31.83585	75.48995	10/20/2021	13:35	D	2.17
303	GURDASPUR	KAHNUWAN	S-NPP	31.85133	75.36563	10/20/2021	13:35	D	1.84
304	GURDASPUR	KAHNUWAN	S-NPP	31.90198	75.52253	10/20/2021	13:35	D	3.53
305	GURDASPUR	KAHNUWAN	S-NPP	31.90368	75.42229	10/20/2021	13:35	D	3.16
306	GURDASPUR	KALANAUR	S-NPP	31.94827	75.17509	10/20/2021	13:35	D	1.60
307	GURDASPUR	KALANAUR	S-NPP	31.96001	75.18520	10/20/2021	13:35	D	1.38
308	GURDASPUR	KALANAUR	S-NPP	31.97155	75.15389	10/20/2021	13:35	D	2.13
309	GURDASPUR	KALANAUR	S-NPP	31.98817	75.19640	10/20/2021	13:35	D	1.34
310	GURDASPUR	KALANAUR	S-NPP	31.98888	75.24641	10/20/2021	13:35	D	3.39
311	GURDASPUR	KALANAUR	S-NPP	32.00771	75.21326	10/20/2021	13:35	D	2.38
312	GURDASPUR	KALANAUR	S-NPP	32.04963	75.17533	10/20/2021	13:35	D	6.29
313	GURDASPUR	KALANAUR	S-NPP	32.05489	75.23280	10/20/2021	13:35	D	1.76
314	GURDASPUR	KALANAUR	S-NPP	32.06027	75.22332	10/20/2021	13:35	D	3.67
315	GURDASPUR	KALANAUR	S-NPP	32.06931	75.23819	10/20/2021	13:35	D	1.90
316	GURDASPUR	QADIAN	S-NPP	31.75080	75.39356	10/20/2021	13:35	D	4.49
317	GURDASPUR	QADIAN	S-NPP	31.76118	75.30398	10/20/2021	13:35	D	2.12
318	GURDASPUR	QADIAN	S-NPP	31.76329	75.30032	10/20/2021	13:35	D	4.14
319	GURDASPUR	QADIAN	S-NPP	31.77331	75.38480	10/20/2021	13:35	D	3.18
320	GURDASPUR	QADIAN	S-NPP	31.77705	75.50090	10/20/2021	13:35	D	4.66
321	GURDASPUR	QADIAN	S-NPP	31.78249	75.29221	10/20/2021	13:35	D	2.97
322	GURDASPUR	QADIAN	S-NPP	31.78525	75.33334	10/20/2021	13:35	D	2.12
323	GURDASPUR	QADIAN	S-NPP	31.79884	75.40141	10/20/2021	13:35	D	2.10
324	GURDASPUR	QADIAN	S-NPP	31.82608	75.33333	10/20/2021	13:35	D	1.59
325	GURDASPUR	QADIAN	S-NPP	31.82904	75.30769	10/20/2021	13:35	D	2.14
326	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70046	75.26227	10/20/2021	13:35	D	5.89

327	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70974	75.46033	10/20/2021	13:35	D	2.18
328	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.71996	75.48328	10/20/2021	13:35	D	1.73
329	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72721	75.28178	10/20/2021	13:35	D	3.47
330	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72869	75.26897	10/20/2021	13:35	D	5.89
331	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.73039	75.39356	10/20/2021	13:35	D	3.46
332	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.74398	75.46170	10/20/2021	13:35	D	6.06
333	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.74656	75.36525	10/20/2021	13:35	D	3.59
334	HOSHIARPUR	DASUYA	S-NPP	31.76567	75.60771	10/20/2021	13:35	D	5.19
335	HOSHIARPUR	GARH SHANKAR	S-NPP	31.19802	76.09406	10/20/2021	13:35	D	2.24
336	HOSHIARPUR	GARH SHANKAR	S-NPP	31.20135	76.09341	10/20/2021	13:35	D	2.24
337	HOSHIARPUR	GARH SHANKAR	S-NPP	31.25455	76.04556	10/20/2021	13:35	D	5.70
338	HOSHIARPUR	TANDA	S-NPP	31.67169	75.56773	10/20/2021	13:35	D	2.41
339	HOSHIARPUR	TANDA	S-NPP	31.68252	75.59476	10/20/2021	13:35	D	4.54
340	HOSHIARPUR	TANDA	S-NPP	31.74313	75.57047	10/20/2021	13:35	D	2.58
341	JALANDHAR	ADAMPUR	S-NPP	31.40483	75.68748	10/20/2021	13:35	D	2.30
342	JALANDHAR	ADAMPUR	S-NPP	31.42738	75.67879	10/20/2021	13:35	D	5.34
343	JALANDHAR	BHOGPUR	S-NPP	31.56375	75.61433	10/20/2021	13:35	D	13.28
344	JALANDHAR	JALANDHAR EAST	S-NPP	31.35180	75.71385	10/20/2021	13:35	D	2.59
345	JALANDHAR	JALANDHAR WEST	S-NPP	31.48082	75.51447	10/20/2021	13:35	D	4.00
346	JALANDHAR	LOHIAN	S-NPP	31.08466	75.17481	10/20/2021	13:35	D	7.25
347	JALANDHAR	LOHIAN	S-NPP	31.08796	75.17413	10/20/2021	13:35	D	5.58
348	JALANDHAR	LOHIAN	S-NPP	31.09209	75.16103	10/20/2021	13:35	D	6.69
349	JALANDHAR	LOHIAN	S-NPP	31.09285	75.20619	10/20/2021	13:35	D	2.23
350	JALANDHAR	LOHIAN	S-NPP	31.11397	75.25990	10/20/2021	13:35	D	8.92
351	JALANDHAR	LOHIAN	S-NPP	31.11885	75.18033	10/20/2021	13:35	D	8.15
352	JALANDHAR	LOHIAN	S-NPP	31.12203	75.24584	10/20/2021	13:35	D	2.19
353	JALANDHAR	LOHIAN	S-NPP	31.13131	75.23981	10/20/2021	13:35	D	4.42
354	JALANDHAR	LOHIAN	S-NPP	31.16242	75.33273	10/20/2021	13:35	D	6.14
355	JALANDHAR	LOHIAN	S-NPP	31.16511	75.32804	10/20/2021	13:35	D	4.16
356	JALANDHAR	LOHIAN	S-NPP	31.16572	75.33205	10/20/2021	13:35	D	4.16
357	JALANDHAR	LOHIAN	S-NPP	31.19054	75.29388	10/20/2021	13:35	D	14.94
358	JALANDHAR	MEHATPUR	S-NPP	31.01709	75.48991	10/20/2021	13:35	D	1.28
359	JALANDHAR	MEHATPUR	S-NPP	31.02039	75.48924	10/20/2021	13:35	D	1.90

360	JALANDHAR	MEHATPUR	S-NPP	31.02821	75.43018	10/20/2021	13:35	D	6.52
361	JALANDHAR	NAKODAR	S-NPP	31.11825	75.44088	10/20/2021	13:35	D	10.32
362	JALANDHAR	NAKODAR	S-NPP	31.18499	75.36952	10/20/2021	13:35	D	1.18
363	JALANDHAR	NAKODAR	S-NPP	31.18936	75.53431	10/20/2021	13:35	D	3.15
364	JALANDHAR	NAKODAR	S-NPP	31.20491	75.45658	10/20/2021	13:35	D	4.55
365	JALANDHAR	NAKODAR	S-NPP	31.20552	75.46061	10/20/2021	13:35	D	10.48
366	JALANDHAR	NUR MAHAL	S-NPP	31.01771	75.72141	10/20/2021	13:35	D	3.13
367	JALANDHAR	PHILLAUR	S-NPP	31.02130	75.74554	10/20/2021	13:35	D	2.17
368	JALANDHAR	PHILLAUR	S-NPP	31.02780	75.83549	10/20/2021	13:35	D	2.22
369	JALANDHAR	PHILLAUR	S-NPP	31.04725	75.89807	10/20/2021	13:35	D	4.61
370	JALANDHAR	PHILLAUR	S-NPP	31.05778	75.90014	10/20/2021	13:35	D	3.91
371	JALANDHAR	RURKA KALAN	S-NPP	31.10389	75.70876	10/20/2021	13:35	D	3.25
372	JALANDHAR	RURKA KALAN	S-NPP	31.10449	75.71278	10/20/2021	13:35	D	6.61
373	JALANDHAR	RURKA KALAN	S-NPP	31.17102	75.66229	10/20/2021	13:35	D	2.34
374	JALANDHAR	RURKA KALAN	S-NPP	31.19055	75.63349	10/20/2021	13:35	D	2.38
375	JALANDHAR	SHAHKOT	S-NPP	31.02955	75.32660	10/20/2021	13:35	D	14.86
376	JALANDHAR	SHAHKOT	S-NPP	31.03285	75.32593	10/20/2021	13:35	D	14.86
377	JALANDHAR	SHAHKOT	S-NPP	31.05071	75.26443	10/20/2021	13:35	D	3.90
378	JALANDHAR	SHAHKOT	S-NPP	31.05143	75.31387	10/20/2021	13:35	D	16.15
379	JALANDHAR	SHAHKOT	S-NPP	31.05299	75.34662	10/20/2021	13:35	D	2.76
380	JALANDHAR	SHAHKOT	S-NPP	31.05533	75.31721	10/20/2021	13:35	D	4.89
381	JALANDHAR	SHAHKOT	S-NPP	31.05620	75.30051	10/20/2021	13:35	D	3.45
382	JALANDHAR	SHAHKOT	S-NPP	31.09656	75.38737	10/20/2021	13:35	D	2.06
383	JALANDHAR	SHAHKOT	S-NPP	31.10369	75.34456	10/20/2021	13:35	D	15.78
384	JANDIALA GURU	AMRITSAR	AQUA	31.53856	74.97956	10/20/2021	14:07	D	9.88
385	JANDIALA GURU	AMRITSAR	AQUA	31.53982	74.98508	10/20/2021	14:07	D	13.14
386	KALANAUR	GURDASPUR	AQUA	32.05106	75.21077	10/20/2021	14:07	D	15.91
387	KAPURTHALA	DHILWAN	S-NPP	31.48077	75.42309	10/20/2021	13:35	D	4.12
388	KAPURTHALA	DHILWAN	S-NPP	31.48137	75.42712	10/20/2021	13:35	D	4.12
389	KAPURTHALA	DHILWAN	S-NPP	31.50601	75.45529	10/20/2021	13:35	D	2.96
390	KAPURTHALA	DHILWAN	S-NPP	31.54134	75.37332	10/20/2021	13:35	D	6.21
391	KAPURTHALA	KAPURTHALA	S-NPP	31.34235	75.40010	10/20/2021	13:35	D	19.07
392	KAPURTHALA	KAPURTHALA	S-NPP	31.35202	75.26629	10/20/2021	13:35	D	5.13

393	KAPURTHALA	KAPURTHALA	AQUA	31.30054	75.32677	10/20/2021	14:07	D	9.93
394	KAPURTHALA	KAPURTHALA	AQUA	31.43007	75.37535	10/20/2021	14:07	D	13.16
395	KAPURTHALA	NADALA	S-NPP	31.48502	75.49698	10/20/2021	13:35	D	3.04
396	KAPURTHALA	NADALA	S-NPP	31.53067	75.52934	10/20/2021	13:35	D	4.23
397	KAPURTHALA	NADALA	S-NPP	31.53512	75.44522	10/20/2021	13:35	D	15.45
398	KAPURTHALA	NADALA	S-NPP	31.53842	75.44456	10/20/2021	13:35	D	15.45
399	KAPURTHALA	NADALA	S-NPP	31.54354	75.45599	10/20/2021	13:35	D	7.85
400	KAPURTHALA	NADALA	S-NPP	31.57124	75.55030	10/20/2021	13:35	D	5.84
401	KAPURTHALA	NADALA	S-NPP	31.57454	75.54964	10/20/2021	13:35	D	5.84
402	KAPURTHALA	NADALA	S-NPP	31.58425	75.55203	10/20/2021	13:35	D	10.90
403	KAPURTHALA	NADALA	S-NPP	31.58665	75.56822	10/20/2021	13:35	D	11.56
404	KAPURTHALA	NADALA	S-NPP	31.58725	75.57227	10/20/2021	13:35	D	11.56
405	KAPURTHALA	NADALA	S-NPP	31.58755	75.55137	10/20/2021	13:35	D	10.90
406	KAPURTHALA	NADALA	S-NPP	31.59143	75.46308	10/20/2021	13:35	D	2.73
407	KAPURTHALA	NADALA	S-NPP	31.59626	75.58713	10/20/2021	13:35	D	5.59
408	KAPURTHALA	NADALA	S-NPP	31.59896	75.58241	10/20/2021	13:35	D	5.59
409	KAPURTHALA	NADALA	S-NPP	31.59957	75.58646	10/20/2021	13:35	D	5.59
410	KAPURTHALA	NADALA	S-NPP	31.60190	75.41931	10/20/2021	13:35	D	1.39
411	KAPURTHALA	NADALA	S-NPP	31.60979	75.56355	10/20/2021	13:35	D	14.59
412	KAPURTHALA	NADALA	S-NPP	31.61039	75.56760	10/20/2021	13:35	D	14.59
413	KAPURTHALA	NADALA	S-NPP	31.61309	75.56287	10/20/2021	13:35	D	6.21
414	KAPURTHALA	NADALA	S-NPP	31.61850	75.55344	10/20/2021	13:35	D	6.65
415	KAPURTHALA	NADALA	S-NPP	31.62659	75.49343	10/20/2021	13:35	D	24.77
416	KAPURTHALA	PHAGWARA	S-NPP	31.23543	75.84480	10/20/2021	13:35	D	4.92
417	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.17586	75.01962	10/20/2021	13:35	D	4.15
418	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.19162	75.14467	10/20/2021	13:35	D	4.34
419	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.20447	75.09690	10/20/2021	13:35	D	5.81
420	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.22896	75.25748	10/20/2021	13:35	D	1.80
421	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.24029	75.13091	10/20/2021	13:35	D	13.81
422	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.26780	75.19980	10/20/2021	13:35	D	3.55
423	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.27110	75.19913	10/20/2021	13:35	D	3.55
424	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.32430	75.21809	10/20/2021	13:35	D	6.89
425	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.33674	75.27772	10/20/2021	13:35	D	5.30

426	KHADUR SAHIB	TARN TARAN	AQUA	31.41714	75.12930	10/20/2021	14:07	D	10.15
427	KHADUR SAHIB	TARN TARAN	AQUA	31.42923	75.02422	10/20/2021	14:07	D	11.23
428	KHADUR SAHIB	TARN TARAN	AQUA	31.46052	75.10602	10/20/2021	14:07	D	13.44
429	KHADUR SAHIB	TARN TARAN	AQUA	31.46191	75.11639	10/20/2021	14:07	D	23.35
430	KHADUR SAHIB	TARN TARAN	AQUA	31.48894	75.04352	10/20/2021	14:07	D	12.66
431	KHADUR SAHIB	TARN TARAN	AQUA	31.50707	75.11019	10/20/2021	14:07	D	25.16
432	KHADUR SAHIB	TARN TARAN	AQUA	31.52535	75.17757	10/20/2021	14:07	D	21.45
433	KHARAR	SAS NAGAR (MOHALI)	AQUA	30.61895	76.67918	10/20/2021	14:07	D	15.61
434	KHERA	FATEHGARH SAHIB	AQUA	30.59862	76.59737	10/20/2021	14:07	D	14.12
435	KOT BHAI AT GIDDERBAHA	MUKTSAR	AQUA	30.38288	74.69962	10/20/2021	14:07	D	12.65
436	KOT ISE KHAN AT DHARAMKOT	MOGA	AQUA	30.95511	75.27532	10/20/2021	14:07	D	10.52
437	KOT KAPURA	FARIDKOT	AQUA	30.52156	74.80990	10/20/2021	14:07	D	25.09
438	LUDHIANA	DORAHA	S-NPP	30.72429	76.04712	10/20/2021	13:35	D	2.95
439	LUDHIANA	JAGRAON	S-NPP	30.63228	75.43016	10/20/2021	13:35	D	2.86
440	LUDHIANA	JAGRAON	S-NPP	30.65119	75.44280	10/20/2021	13:35	D	2.87
441	LUDHIANA	JAGRAON	S-NPP	30.65449	75.44213	10/20/2021	13:35	D	5.34
442	LUDHIANA	JAGRAON	S-NPP	30.68963	75.47208	10/20/2021	13:35	D	2.00
443	LUDHIANA	JAGRAON	S-NPP	30.69627	75.51603	10/20/2021	13:35	D	1.91
444	LUDHIANA	JAGRAON	S-NPP	30.72941	75.40240	10/20/2021	13:35	D	2.45
445	LUDHIANA	JAGRAON	S-NPP	30.73128	75.45968	10/20/2021	13:35	D	6.65
446	LUDHIANA	JAGRAON	S-NPP	30.73458	75.45901	10/20/2021	13:35	D	6.65
447	LUDHIANA	JAGRAON	S-NPP	30.78082	75.49500	10/20/2021	13:35	D	8.15
448	LUDHIANA	JAGRAON	S-NPP	30.79437	75.56236	10/20/2021	13:35	D	9.01
449	LUDHIANA	KHANNA	S-NPP	30.61071	76.08144	10/20/2021	13:35	D	25.98
450	LUDHIANA	KHANNA	S-NPP	30.67462	76.05238	10/20/2021	13:35	D	2.06
451	LUDHIANA	LUDHIANA-1	S-NPP	30.83302	75.79816	10/20/2021	13:35	D	2.91
452	LUDHIANA	LUDHIANA-2	S-NPP	31.01046	75.76428	10/20/2021	13:35	D	3.60
453	LUDHIANA	MACHHIWARA	S-NPP	30.93559	76.22388	10/20/2021	13:35	D	2.08
454	LUDHIANA	MACHHIWARA	S-NPP	31.00031	76.19877	10/20/2021	13:35	D	4.11
455	LUDHIANA	MALOUD	S-NPP	30.60374	75.98764	10/20/2021	13:35	D	6.02
456	LUDHIANA	MALOUD	S-NPP	30.65272	76.01939	10/20/2021	13:35	D	2.90
457	LUDHIANA	MALOUD	S-NPP	30.65603	76.01875	10/20/2021	13:35	D	2.90

458	LUDHIANA	PAKHOWAL	S-NPP	30.71671	75.69727	10/20/2021	13:35	D	3.74
459	LUDHIANA	PAKHOWAL	S-NPP	30.71731	75.70127	10/20/2021	13:35	D	3.74
460	LUDHIANA	RAIKOT	S-NPP	30.67952	75.63059	10/20/2021	13:35	D	2.57
461	LUDHIANA	RAIKOT	S-NPP	30.68462	75.64194	10/20/2021	13:35	D	3.36
462	LUDHIANA	RAIKOT	S-NPP	30.69271	75.67320	10/20/2021	13:35	D	23.93
463	LUDHIANA	SAMRALA	S-NPP	30.76274	76.26418	10/20/2021	13:35	D	8.77
464	LUDHIANA	SAMRALA	S-NPP	30.79391	76.14983	10/20/2021	13:35	D	6.72
465	LUDHIANA	SAMRALA	S-NPP	30.79627	76.16601	10/20/2021	13:35	D	6.30
466	LUDHIANA	SIDHWAN BET	S-NPP	30.84194	75.54156	10/20/2021	13:35	D	8.02
467	LUDHIANA	SIDHWAN BET	S-NPP	30.84524	75.54089	10/20/2021	13:35	D	17.85
468	LUDHIANA	SIDHWAN BET	S-NPP	30.87101	75.48619	10/20/2021	13:35	D	2.06
469	LUDHIANA	SIDHWAN BET	S-NPP	30.88968	75.61041	10/20/2021	13:35	D	3.97
470	LUDHIANA	SIDHWAN BET	S-NPP	30.90228	75.55832	10/20/2021	13:35	D	11.45
471	LUDHIANA	SIDHWAN BET	S-NPP	30.91800	75.41908	10/20/2021	13:35	D	1.63
472	LUDHIANA	SIDHWAN BET	S-NPP	30.92119	75.57104	10/20/2021	13:35	D	2.12
473	LUDHIANA	SIDHWAN BET	S-NPP	30.94284	75.38103	10/20/2021	13:35	D	2.72
474	LUDHIANA	SIDHWAN BET	S-NPP	30.97792	75.36564	10/20/2021	13:35	D	2.17
475	LUDHIANA	SIDHWAN BET	TERRA	30.92138	75.57011	10/20/2021	10:48	D	13.03
476	LUDHIANA	SUDHAR	S-NPP	30.73134	75.64097	10/20/2021	13:35	D	8.46
477	LUDHIANA	SUDHAR	S-NPP	30.76613	75.69168	10/20/2021	13:35	D	9.70
478	LUDHIANA	SUDHAR	S-NPP	30.76975	75.67032	10/20/2021	13:35	D	10.66
479	LUDHIANA	SUDHAR	S-NPP	30.77304	75.66966	10/20/2021	13:35	D	10.66
480	MAKHU	FIROZPUR	AQUA	31.09769	75.01049	10/20/2021	14:07	D	14.78
481	MAKHU	FIROZPUR	AQUA	31.10008	75.02021	10/20/2021	14:07	D	9.06
482	MAMDOT	FIROZPUR	AQUA	30.80867	74.53015	10/20/2021	14:07	D	25.78
483	MAMDOT	FIROZPUR	AQUA	30.81031	74.54549	10/20/2021	14:07	D	15.31
484	MANSA	BHIKHI	S-NPP	30.08164	75.59648	10/20/2021	13:35	D	2.19
485	MANSA	SARDULGARH	S-NPP	29.68022	75.34117	10/20/2021	13:35	D	4.45
486	MANSA	SARDULGARH	S-NPP	29.80182	75.29237	10/20/2021	13:35	D	19.34
487	MANSA	SARDULGARH	S-NPP	29.80512	75.29169	10/20/2021	13:35	D	2.85
488	MOGA	BAGHA PURANA	S-NPP	30.61888	75.12021	10/20/2021	13:35	D	8.76
489	MOGA	BAGHA PURANA	S-NPP	30.75155	75.01582	10/20/2021	13:35	D	4.72
490	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.86639	75.38812	10/20/2021	13:35	D	5.33

491	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.95464	75.27956	10/20/2021	13:35	D	3.69
492	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99067	75.29285	10/20/2021	13:35	D	4.99
493	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99396	75.29218	10/20/2021	13:35	D	4.99
494	MOGA	MOGA-1	S-NPP	30.72516	75.37444	10/20/2021	13:35	D	7.17
495	MOGA	MOGA-1	S-NPP	30.73827	75.32648	10/20/2021	13:35	D	12.41
496	MOGA	MOGA-1	S-NPP	30.74549	75.21793	10/20/2021	13:35	D	8.37
497	MOGA	MOGA-2	S-NPP	30.75485	75.01514	10/20/2021	13:35	D	4.72
498	MOGA	NIHAL SINGH	S-NPP	30.52165	75.34954	10/20/2021	13:35	D	4.64
499	MOGA	NIHAL SINGH	S-NPP	30.55025	75.26975	10/20/2021	13:35	D	2.74
500	MOGA	NIHAL SINGH	S-NPP	30.59671	75.33044	10/20/2021	13:35	D	2.06
501	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.35894	74.77820	10/20/2021	13:35	D	6.73
502	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.36176	74.66599	10/20/2021	13:35	D	4.81
503	MUKTSAR	LAMBI	S-NPP	29.98930	74.52306	10/20/2021	13:35	D	4.08
504	MUKTSAR	LAMBI	S-NPP	30.04385	74.42046	10/20/2021	13:35	D	7.46
505	MUKTSAR	MALOUT	S-NPP	30.09687	74.43005	10/20/2021	13:35	D	1.83
506	MUKTSAR	MALOUT	S-NPP	30.16974	74.44399	10/20/2021	13:35	D	1.62
507	MUKTSAR	MALOUT	S-NPP	30.26163	74.48802	10/20/2021	13:35	D	4.33
508	MUKTSAR	MUKTSAR	S-NPP	30.55349	74.50572	10/20/2021	13:35	D	2.18
509	MUKTSAR	MUKTSAR	S-NPP	30.62094	74.54984	10/20/2021	13:35	D	2.89
510	NABHA	PATIALA	AQUA	30.44220	76.17924	10/20/2021	14:07	D	14.54
511	NADALA	KAPURTHALA	AQUA	31.57430	75.55051	10/20/2021	14:07	D	20.42
512	NADALA	KAPURTHALA	AQUA	31.58595	75.54898	10/20/2021	14:07	D	18.39
513	NADALA	KAPURTHALA	AQUA	31.58961	75.58575	10/20/2021	14:07	D	42.18
514	NADALA	KAPURTHALA	AQUA	31.59614	75.57933	10/20/2021	14:07	D	37.66
515	NAUSHERA PANNUAN	TARN TARAN	AQUA	31.33745	75.00855	10/20/2021	14:07	D	11.81
516	NAUSHERA PANNUAN	TARN TARAN	AQUA	31.42402	74.97382	10/20/2021	14:07	D	14.82
517	NAWAN SHAHR	SBS NAGAR	AQUA	31.03002	76.24641	10/20/2021	14:07	D	20.76
518	PATIALA	BHUNARHERI	S-NPP	30.18868	76.49681	10/20/2021	13:35	D	2.68
519	PATIALA	BHUNARHERI	S-NPP	30.19199	76.56689	10/20/2021	13:35	D	3.21
520	PATIALA	BHUNARHERI	S-NPP	30.22420	76.54008	10/20/2021	13:35	D	20.85

521	PATIALA	BHUNARHERI	S-NPP	30.22429	76.46936	10/20/2021	13:35	D	7.78
522	PATIALA	BHUNARHERI	S-NPP	30.26400	76.50752	10/20/2021	13:35	D	1.66
523	PATIALA	GHANAUR	S-NPP	30.38146	76.61929	10/20/2021	13:35	D	1.57
524	PATIALA	NABHA	S-NPP	30.35858	76.17878	10/20/2021	13:35	D	2.34
525	PATIALA	NABHA	S-NPP	30.41491	76.22182	10/20/2021	13:35	D	0.78
526	PATIALA	NABHA	S-NPP	30.43828	76.17176	10/20/2021	13:35	D	5.49
527	PATIALA	NABHA	S-NPP	30.47190	76.21493	10/20/2021	13:35	D	4.82
528	PATIALA	PATIALA	S-NPP	30.38317	76.39371	10/20/2021	13:35	D	2.92
529	PATIALA	PATIALA	S-NPP	30.41057	76.38034	10/20/2021	13:35	D	4.48
530	PATIALA	PATIALA	S-NPP	30.41116	76.38439	10/20/2021	13:35	D	3.57
531	PATIALA	PATIALA	S-NPP	30.41390	76.37971	10/20/2021	13:35	D	3.19
532	PATIALA	PATIALA	S-NPP	30.44032	76.34968	10/20/2021	13:35	D	1.81
533	PATIALA	PATRAN	S-NPP	29.83559	76.12245	10/20/2021	13:35	D	2.95
534	PATIALA	PATRAN	S-NPP	29.85124	76.20550	10/20/2021	13:35	D	2.61
535	PATIALA	PATRAN	S-NPP	29.86021	76.22018	10/20/2021	13:35	D	3.54
536	PATIALA	PATRAN	S-NPP	29.86314	76.05569	10/20/2021	13:35	D	3.35
537	PATIALA	PATRAN	S-NPP	29.89905	76.11423	10/20/2021	13:35	D	4.14
538	PATIALA	PATRAN	S-NPP	29.95486	76.19859	10/20/2021	13:35	D	6.90
539	PATIALA	PATRAN	S-NPP	29.96215	76.08635	10/20/2021	13:35	D	7.86
540	PATIALA	PATRAN	S-NPP	29.96672	76.16342	10/20/2021	13:35	D	14.88
541	PATIALA	RAJPURA	S-NPP	30.48496	76.61251	10/20/2021	13:35	D	2.68
542	PATIALA	RAJPURA	S-NPP	30.50290	76.54624	10/20/2021	13:35	D	3.70
543	PATIALA	RAJPURA	S-NPP	30.51174	76.53619	10/20/2021	13:35	D	7.15
544	PATIALA	RAJPURA	S-NPP	30.52038	76.50108	10/20/2021	13:35	D	4.53
545	PATIALA	RAJPURA	S-NPP	30.55015	76.68420	10/20/2021	13:35	D	5.43
546	PATIALA	RAJPURA	S-NPP	30.56019	76.64568	10/20/2021	13:35	D	6.42
547	PATIALA	RAJPURA	S-NPP	30.58445	76.59904	10/20/2021	13:35	D	2.42
548	PATIALA	SAMANA	S-NPP	30.02833	76.18847	10/20/2021	13:35	D	24.18
549	PATIALA	SAMANA	S-NPP	30.09485	76.20468	10/20/2021	13:35	D	3.60
550	PATIALA	SAMANA	S-NPP	30.09544	76.20869	10/20/2021	13:35	D	3.60
551	PATIALA	SAMANA	S-NPP	30.09574	76.11811	10/20/2021	13:35	D	2.59
552	PATIALA	SAMANA	S-NPP	30.09586	76.25806	10/20/2021	13:35	D	8.22
553	PATIALA	SAMANA	S-NPP	30.15400	76.25921	10/20/2021	13:35	D	7.06

554	PATIALA	SAMANA	S-NPP	30.17381	76.23895	10/20/2021	13:35	D	3.22
555	PATIALA	SANAUR	S-NPP	30.12964	76.32584	10/20/2021	13:35	D	3.02
556	PATIALA	SANAUR	S-NPP	30.13120	76.31313	10/20/2021	13:35	D	5.38
557	PATIALA	SANAUR	S-NPP	30.20406	76.28265	10/20/2021	13:35	D	3.01
558	PATIALA	SANAUR	S-NPP	30.32282	76.49680	10/20/2021	13:35	D	17.04
559	PATIALA	SHAMBU KALAN	S-NPP	30.46361	76.67953	10/20/2021	13:35	D	3.60
560	PATIALA	SHAMBU KALAN	S-NPP	30.49704	76.50553	10/20/2021	13:35	D	5.23
561	PATRALAN	PATIALA	AQUA	29.86195	76.06161	10/20/2021	14:07	D	15.65
562	PATRALAN	PATIALA	AQUA	29.92535	76.14079	10/20/2021	14:07	D	15.50
563	PATRALAN	PATIALA	AQUA	29.92844	76.12849	10/20/2021	14:07	D	26.95
564	PATRALAN	PATIALA	AQUA	29.94190	76.06300	10/20/2021	14:07	D	18.59
565	PATRALAN	PATIALA	AQUA	29.96276	76.15504	10/20/2021	14:07	D	16.82
566	PATTI	TARN TARAN	AQUA	31.16302	74.76270	10/20/2021	14:07	D	12.78
567	PATTI	TARN TARAN	AQUA	31.17055	74.93738	10/20/2021	14:07	D	21.34
568	PATTI	TARN TARAN	AQUA	31.19276	74.93427	10/20/2021	14:07	D	16.89
569	PATTI	TARN TARAN	AQUA	31.19379	74.83447	10/20/2021	14:07	D	16.18
570	PATTI	TARN TARAN	AQUA	31.31254	74.87733	10/20/2021	14:07	D	21.74
571	RAIKOT	LUDHIANA	AQUA	30.62171	75.70175	10/20/2021	14:07	D	15.31
572	RAJPURA	PATIALA	AQUA	30.51709	76.57299	10/20/2021	14:07	D	14.85
573	RAYYA	AMRITSAR	AQUA	31.52710	75.19492	10/20/2021	14:07	D	17.24
574	RAYYA	AMRITSAR	AQUA	31.53493	75.15873	10/20/2021	14:07	D	23.21
575	RUPNAGAR	ANANDPUR SAHIB	S-NPP	31.28469	76.42250	10/20/2021	13:35	D	2.22
576	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.87710	76.45181	10/20/2021	13:35	D	2.75
577	RUPNAGAR	MORINDA	S-NPP	30.75813	76.47007	10/20/2021	13:35	D	3.54
578	RUPNAGAR	MORINDA	S-NPP	30.76538	76.47288	10/20/2021	13:35	D	2.22
579	RUPNAGAR	MORINDA	S-NPP	30.80658	76.47340	10/20/2021	13:35	D	0.94
580	RUPNAGAR	MORINDA	S-NPP	30.82308	76.44504	10/20/2021	13:35	D	7.07
581	SAMANA	PATIALA	AQUA	30.08588	76.24953	10/20/2021	14:07	D	30.12
582	SAMRALA	LUDHIANA	AQUA	30.80973	76.22626	10/20/2021	14:07	D	11.60
583	SANGRUR	ANDANA	S-NPP	29.77457	76.00724	10/20/2021	13:35	D	2.27
584	SANGRUR	ANDANA	S-NPP	29.78557	75.89901	10/20/2021	13:35	D	3.01
585	SANGRUR	ANDANA	S-NPP	29.80601	76.05833	10/20/2021	13:35	D	5.81
586	SANGRUR	ANDANA	S-NPP	29.81756	76.02366	10/20/2021	13:35	D	2.67

587	SANGRUR	ANDANA	S-NPP	29.85357	76.03709	10/20/2021	13:35	D	4.86
588	SANGRUR	DHURI	S-NPP	30.29982	75.73770	10/20/2021	13:35	D	3.18
589	SANGRUR	DHURI	S-NPP	30.40125	75.94373	10/20/2021	13:35	D	5.32
590	SANGRUR	DHURI	S-NPP	30.40166	75.87779	10/20/2021	13:35	D	3.33
591	SANGRUR	MALERKOTLA-1	S-NPP	30.43331	75.99925	10/20/2021	13:35	D	8.36
592	SANGRUR	MALERKOTLA-2	S-NPP	30.53248	75.79946	10/20/2021	13:35	D	1.90
593	SANGRUR	SANGRUR	S-NPP	30.22211	75.65065	10/20/2021	13:35	D	2.32
594	SANGRUR	SHER PUR	S-NPP	30.48896	75.75870	10/20/2021	13:35	D	14.97
595	SANGRUR	SUNAM	S-NPP	30.01078	75.79868	10/20/2021	13:35	D	11.43
596	SANGRUR	SUNAM	S-NPP	30.13441	75.76606	10/20/2021	13:35	D	5.83
597	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.46615	76.85161	10/20/2021	13:35	D	2.23
598	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.51671	76.78751	10/20/2021	13:35	D	2.65
599	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.54279	76.75304	10/20/2021	13:35	D	5.38
600	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.59101	76.66931	10/20/2021	13:35	D	3.40
601	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.72463	76.58528	10/20/2021	13:35	D	3.80
602	SAS NAGAR (MOHALI)	MAJRI	S-NPP	30.81428	76.62351	10/20/2021	13:35	D	1.45
603	SAS NAGAR (MOHALI)	MAJRI	S-NPP	30.82069	76.66879	10/20/2021	13:35	D	1.27
604	SAS NAGAR (MOHALI)	MAJRI	S-NPP	30.82506	76.65105	10/20/2021	13:35	D	2.15
605	SBS NAGAR	AUR	S-NPP	31.10055	75.91712	10/20/2021	13:35	D	4.58
606	SBS NAGAR	BANGA	S-NPP	31.24650	76.01369	10/20/2021	13:35	D	1.75
607	SBS NAGAR	NAWAN SHAHR	S-NPP	31.02298	76.19018	10/20/2021	13:35	D	5.14
608	SHAHKOT	JALANDHAR	AQUA	30.99965	75.37463	10/20/2021	14:07	D	28.89
609	SHAHKOT	JALANDHAR	AQUA	31.03713	75.31104	10/20/2021	14:07	D	11.60
610	SHAHKOT	JALANDHAR	AQUA	31.03986	75.31633	10/20/2021	14:07	D	11.04
611	SHAHKOT	JALANDHAR	AQUA	31.05470	75.25617	10/20/2021	14:07	D	15.87
612	SHAHKOT	JALANDHAR	AQUA	31.09754	75.33810	10/20/2021	14:07	D	10.66
613	SRI HARGOBINDPUR	GURDASPUR	AQUA	31.72205	75.44405	10/20/2021	14:07	D	17.71
614	SUDHAR	LUDHIANA	AQUA	30.71809	75.64716	10/20/2021	14:07	D	69.25
615	SUDHAR	LUDHIANA	AQUA	30.76988	75.69524	10/20/2021	14:07	D	8.77
616	SULTANPUR LODHI	KAPURTHALA	AQUA	31.16282	75.07943	10/20/2021	14:07	D	10.89
617	SULTANPUR LODHI	KAPURTHALA	AQUA	31.25286	75.30459	10/20/2021	14:07	D	9.63
618	SULTANPUR LODHI	KAPURTHALA	AQUA	31.33232	75.18157	10/20/2021	14:07	D	14.00
619	SULTANPUR LODHI	KAPURTHALA	AQUA	31.34101	75.26814	10/20/2021	14:07	D	14.50

620	TANDA	HOSHIARPUR	AQUA	31.73635	75.59138	10/20/2021	14:07	D	15.14
621	TARN TARAN	BHIKHIWIND	S-NPP	31.27659	74.70962	10/20/2021	13:35	D	7.91
622	TARN TARAN	BHIKHIWIND	S-NPP	31.30377	74.68725	10/20/2021	13:35	D	4.98
623	TARN TARAN	BHIKHIWIND	S-NPP	31.30704	74.59917	10/20/2021	13:35	D	3.98
624	TARN TARAN	BHIKHIWIND	S-NPP	31.30830	74.60724	10/20/2021	13:35	D	3.88
625	TARN TARAN	BHIKHIWIND	S-NPP	31.30956	74.61530	10/20/2021	13:35	D	11.43
626	TARN TARAN	BHIKHIWIND	S-NPP	31.32465	74.62458	10/20/2021	13:35	D	2.14
627	TARN TARAN	BHIKHIWIND	S-NPP	31.32591	74.63265	10/20/2021	13:35	D	2.69
628	TARN TARAN	BHIKHIWIND	S-NPP	31.33262	74.78498	10/20/2021	13:35	D	7.03
629	TARN TARAN	BHIKHIWIND	S-NPP	31.33857	74.56380	10/20/2021	13:35	D	11.11
630	TARN TARAN	BHIKHIWIND	S-NPP	31.34667	74.63702	10/20/2021	13:35	D	5.84
631	TARN TARAN	BHIKHIWIND	S-NPP	31.36365	74.65840	10/20/2021	13:35	D	2.14
632	TARN TARAN	BHIKHIWIND	S-NPP	31.36941	74.58640	10/20/2021	13:35	D	2.98
633	TARN TARAN	BHIKHIWIND	S-NPP	31.36962	74.65298	10/20/2021	13:35	D	7.26
634	TARN TARAN	BHIKHIWIND	S-NPP	31.38501	74.70786	10/20/2021	13:35	D	3.82
635	TARN TARAN	BHIKHIWIND	S-NPP	31.38626	74.71593	10/20/2021	13:35	D	3.32
636	TARN TARAN	BHIKHIWIND	S-NPP	31.38644	74.69519	10/20/2021	13:35	D	3.00
637	TARN TARAN	BHIKHIWIND	S-NPP	31.38785	74.68240	10/20/2021	13:35	D	6.73
638	TARN TARAN	BHIKHIWIND	S-NPP	31.38831	74.70717	10/20/2021	13:35	D	6.84
639	TARN TARAN	BHIKHIWIND	S-NPP	31.41235	74.66475	10/20/2021	13:35	D	2.28
640	TARN TARAN	BHIKHIWIND	S-NPP	31.41675	74.69294	10/20/2021	13:35	D	1.13
641	TARN TARAN	BHIKHIWIND	S-NPP	31.43040	74.71493	10/20/2021	13:35	D	4.06
642	TARN TARAN	CHOHLA SAHIB	S-NPP	31.19648	74.97847	10/20/2021	13:35	D	2.63
643	TARN TARAN	CHOHLA SAHIB	S-NPP	31.22265	74.99374	10/20/2021	13:35	D	3.63
644	TARN TARAN	CHOHLA SAHIB	S-NPP	31.22346	75.04327	10/20/2021	13:35	D	7.02
645	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23213	74.96691	10/20/2021	13:35	D	10.21
646	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24324	75.03918	10/20/2021	13:35	D	3.15
647	TARN TARAN	CHOHLA SAHIB	S-NPP	31.25107	74.91323	10/20/2021	13:35	D	4.24
648	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26015	74.92792	10/20/2021	13:35	D	10.29
649	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26344	74.92723	10/20/2021	13:35	D	10.29
650	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26570	74.89774	10/20/2021	13:35	D	6.20
651	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26694	75.03841	10/20/2021	13:35	D	3.68
652	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27685	74.97004	10/20/2021	13:35	D	2.12

653	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27937	74.92480	10/20/2021	13:35	D	32.36
654	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29729	74.90862	10/20/2021	13:35	D	1.90
655	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29771	75.06608	10/20/2021	13:35	D	3.34
656	TARN TARAN	CHOHLA SAHIB	S-NPP	31.30021	75.01582	10/20/2021	13:35	D	6.94
657	TARN TARAN	CHOHLA SAHIB	S-NPP	31.30431	74.93204	10/20/2021	13:35	D	4.90
658	TARN TARAN	CHOHLA SAHIB	S-NPP	31.31173	75.04659	10/20/2021	13:35	D	3.81
659	TARN TARAN	CHOHLA SAHIB	S-NPP	31.31358	75.05865	10/20/2021	13:35	D	3.39
660	TARN TARAN	CHOHLA SAHIB	S-NPP	31.31360	74.99231	10/20/2021	13:35	D	2.98
661	TARN TARAN	CHOHLA SAHIB	S-NPP	31.31648	75.03317	10/20/2021	13:35	D	1.69
662	TARN TARAN	CHOHLA SAHIB	S-NPP	31.34017	75.03241	10/20/2021	13:35	D	4.39
663	TARN TARAN	CHOHLA SAHIB	S-NPP	31.35438	75.05849	10/20/2021	13:35	D	1.27
664	TARN TARAN	CHOHLA SAHIB	S-NPP	31.35539	75.08731	10/20/2021	13:35	D	2.11
665	TARN TARAN	CHOHLA SAHIB	S-NPP	31.35583	75.04575	10/20/2021	13:35	D	2.43
666	TARN TARAN	CHOHLA SAHIB	S-NPP	31.35912	75.04507	10/20/2021	13:35	D	7.08
667	TARN TARAN	CHOHLA SAHIB	S-NPP	31.37517	75.08321	10/20/2021	13:35	D	2.11
668	TARN TARAN	CHOHLA SAHIB	S-NPP	31.37662	75.07047	10/20/2021	13:35	D	3.89
669	TARN TARAN	CHOHLA SAHIB	S-NPP	31.37724	75.07449	10/20/2021	13:35	D	3.89
670	TARN TARAN	GANDIWIND TATLA	S-NPP	31.43010	74.66931	10/20/2021	13:35	D	5.65
671	TARN TARAN	GANDIWIND TATLA	S-NPP	31.43370	74.71423	10/20/2021	13:35	D	4.06
672	TARN TARAN	GANDIWIND TATLA	S-NPP	31.45765	74.67612	10/20/2021	13:35	D	5.02
673	TARN TARAN	GANDIWIND TATLA	S-NPP	31.45937	74.70895	10/20/2021	13:35	D	2.34
674	TARN TARAN	GANDIWIND TATLA	S-NPP	31.46062	74.71702	10/20/2021	13:35	D	1.61
675	TARN TARAN	GANDIWIND TATLA	S-NPP	31.46188	74.72507	10/20/2021	13:35	D	2.12
676	TARN TARAN	GANDIWIND TATLA	S-NPP	31.46225	74.76646	10/20/2021	13:35	D	2.69
677	TARN TARAN	GANDIWIND TATLA	S-NPP	31.46392	74.71632	10/20/2021	13:35	D	3.03
678	TARN TARAN	GANDIWIND TATLA	S-NPP	31.46518	74.72438	10/20/2021	13:35	D	5.16
679	TARN TARAN	GANDIWIND TATLA	S-NPP	31.47444	74.71827	10/20/2021	13:35	D	9.22
680	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49156	74.71881	10/20/2021	13:35	D	3.75
681	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49486	74.71812	10/20/2021	13:35	D	3.75
682	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49627	74.61795	10/20/2021	13:35	D	9.89
683	TARN TARAN	GANDIWIND TATLA	S-NPP	31.50334	74.72881	10/20/2021	13:35	D	4.29
684	TARN TARAN	GANDIWIND TATLA	S-NPP	31.50461	74.64951	10/20/2021	13:35	D	1.89
685	TARN TARAN	GANDIWIND TATLA	S-NPP	31.50868	74.71936	10/20/2021	13:35	D	4.99

686	TARN TARAN	GANDIWIND TATLA	S-NPP	31.51119	74.73549	10/20/2021	13:35	D	8.55
687	TARN TARAN	GANDIWIND TATLA	S-NPP	31.51210	74.78522	10/20/2021	13:35	D	2.41
688	TARN TARAN	GANDIWIND TATLA	S-NPP	31.51325	74.63936	10/20/2021	13:35	D	3.20
689	TARN TARAN	GANDIWIND TATLA	S-NPP	31.51857	74.71727	10/20/2021	13:35	D	7.05
690	TARN TARAN	GANDIWIND TATLA	S-NPP	31.53046	74.79385	10/20/2021	13:35	D	4.87
691	TARN TARAN	KHADUR SAHIB	S-NPP	31.36360	75.11877	10/20/2021	13:35	D	2.70
692	TARN TARAN	KHADUR SAHIB	S-NPP	31.41142	75.12175	10/20/2021	13:35	D	4.12
693	TARN TARAN	KHADUR SAHIB	S-NPP	31.42767	75.13914	10/20/2021	13:35	D	6.94
694	TARN TARAN	KHADUR SAHIB	S-NPP	31.43097	75.13845	10/20/2021	13:35	D	6.94
695	TARN TARAN	KHADUR SAHIB	S-NPP	31.43219	75.14650	10/20/2021	13:35	D	1.58
696	TARN TARAN	KHADUR SAHIB	S-NPP	31.45551	75.12093	10/20/2021	13:35	D	4.10
697	TARN TARAN	KHADUR SAHIB	S-NPP	31.46690	75.21822	10/20/2021	13:35	D	5.93
698	TARN TARAN	KHADUR SAHIB	S-NPP	31.47183	75.07188	10/20/2021	13:35	D	8.33
699	TARN TARAN	KHADUR SAHIB	S-NPP	31.47328	75.05913	10/20/2021	13:35	D	7.83
700	TARN TARAN	KHADUR SAHIB	S-NPP	31.49070	75.15103	10/20/2021	13:35	D	2.06
701	TARN TARAN	KHADUR SAHIB	S-NPP	31.49239	75.11746	10/20/2021	13:35	D	3.45
702	TARN TARAN	KHADUR SAHIB	S-NPP	31.49569	75.11678	10/20/2021	13:35	D	3.45
703	TARN TARAN	KHADUR SAHIB	S-NPP	31.51591	75.07537	10/20/2021	13:35	D	4.14
704	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.29628	74.94616	10/20/2021	13:35	D	2.90
705	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.30494	74.93606	10/20/2021	13:35	D	6.03
706	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.30885	74.93938	10/20/2021	13:35	D	5.49
707	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.32823	74.97683	10/20/2021	13:35	D	3.15
708	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.34636	74.93987	10/20/2021	13:35	D	4.50
709	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.34794	74.83992	10/20/2021	13:35	D	25.74
710	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.36326	74.96124	10/20/2021	13:35	D	1.54
711	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.36614	75.00212	10/20/2021	13:35	D	4.25
712	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.36676	75.00615	10/20/2021	13:35	D	7.63
713	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.37769	74.96653	10/20/2021	13:35	D	5.47
714	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.39727	75.02924	10/20/2021	13:35	D	3.04
715	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.41479	74.98826	10/20/2021	13:35	D	5.74
716	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.42880	74.96873	10/20/2021	13:35	D	1.84
717	TARN TARAN	PATTI	S-NPP	31.15181	74.82205	10/20/2021	13:35	D	7.16
718	TARN TARAN	PATTI	S-NPP	31.16376	74.81126	10/20/2021	13:35	D	1.36

719	TARN TARAN	PATTI	S-NPP	31.16801	74.92641	10/20/2021	13:35	D	2.63
720	TARN TARAN	PATTI	S-NPP	31.16928	74.78106	10/20/2021	13:35	D	6.44
721	TARN TARAN	PATTI	S-NPP	31.17000	74.85140	10/20/2021	13:35	D	5.68
722	TARN TARAN	PATTI	S-NPP	31.18101	74.94440	10/20/2021	13:35	D	1.86
723	TARN TARAN	PATTI	S-NPP	31.18132	74.83660	10/20/2021	13:35	D	2.88
724	TARN TARAN	PATTI	S-NPP	31.18239	74.86539	10/20/2021	13:35	D	12.96
725	TARN TARAN	PATTI	S-NPP	31.18593	74.91024	10/20/2021	13:35	D	6.67
726	TARN TARAN	PATTI	S-NPP	31.20753	74.85184	10/20/2021	13:35	D	4.26
727	TARN TARAN	PATTI	S-NPP	31.20921	74.88467	10/20/2021	13:35	D	3.71
728	TARN TARAN	PATTI	S-NPP	31.21953	74.90737	10/20/2021	13:35	D	13.32
729	TARN TARAN	PATTI	S-NPP	31.22507	74.72375	10/20/2021	13:35	D	3.08
730	TARN TARAN	PATTI	S-NPP	31.23329	74.84230	10/20/2021	13:35	D	3.81
731	TARN TARAN	PATTI	S-NPP	31.28492	74.89461	10/20/2021	13:35	D	2.66
732	TARN TARAN	PATTI	S-NPP	31.28991	74.77319	10/20/2021	13:35	D	2.30
733	TARN TARAN	PATTI	S-NPP	31.29767	74.86705	10/20/2021	13:35	D	4.97
734	TARN TARAN	PATTI	S-NPP	31.30133	74.82478	10/20/2021	13:35	D	2.07
735	TARN TARAN	PATTI	S-NPP	31.30656	74.90253	10/20/2021	13:35	D	3.95
736	TARN TARAN	PATTI	S-NPP	31.30719	74.90656	10/20/2021	13:35	D	3.95
737	TARN TARAN	PATTI	S-NPP	31.31764	74.84212	10/20/2021	13:35	D	1.94
738	TARN TARAN	PATTI	S-NPP	31.33438	74.88428	10/20/2021	13:35	D	9.38
739	TARN TARAN	PATTI	S-NPP	31.33768	74.88358	10/20/2021	13:35	D	9.38
740	TARN TARAN	TARN TARAN	S-NPP	31.41994	74.99963	10/20/2021	13:35	D	3.34
741	TARN TARAN	TARN TARAN	S-NPP	31.42262	74.99493	10/20/2021	13:35	D	3.34
742	TARN TARAN	TARN TARAN	S-NPP	31.42811	74.83183	10/20/2021	13:35	D	3.74
743	TARN TARAN	TARN TARAN	S-NPP	31.44403	74.89081	10/20/2021	13:35	D	7.62
744	TARN TARAN	TARN TARAN	S-NPP	31.44589	74.90289	10/20/2021	13:35	D	17.19
745	TARN TARAN	TARN TARAN	S-NPP	31.47645	74.79688	10/20/2021	13:35	D	2.57
746	TARN TARAN	TARN TARAN	S-NPP	31.47867	74.98326	10/20/2021	13:35	D	2.55
747	TARN TARAN	TARN TARAN	S-NPP	31.48134	74.91209	10/20/2021	13:35	D	5.97
748	TARN TARAN	TARN TARAN	S-NPP	31.49763	74.99593	10/20/2021	13:35	D	2.81
749	TARN TARAN	TARN TARAN	S-NPP	31.50008	74.94988	10/20/2021	13:35	D	5.19
750	TARN TARAN	TARN TARAN	S-NPP	31.51262	74.87660	10/20/2021	13:35	D	1.57
751	TARN TARAN	TARN TARAN	S-NPP	31.51379	74.81815	10/20/2021	13:35	D	4.53

752	TARN TARAN	TARN TARAN	S-NPP	31.52972	74.87718	10/20/2021	13:35	D	3.21
753	TARN TARAN	TARN TARAN	AQUA	31.42302	74.85612	10/20/2021	14:07	D	28.65
754	TARN TARAN	TARN TARAN	AQUA	31.46525	74.81013	10/20/2021	14:07	D	20.30
755	TARN TARAN	TARN TARAN	AQUA	31.48309	74.87444	10/20/2021	14:07	D	28.21
756	TARN TARAN	TARN TARAN	AQUA	31.51815	74.88637	10/20/2021	14:07	D	9.28
757	TARN TARAN	VALTOHA	S-NPP	31.13945	74.72102	10/20/2021	13:35	D	2.18
758	TARN TARAN	VALTOHA	S-NPP	31.14524	74.64919	10/20/2021	13:35	D	7.12
759	TARN TARAN	VALTOHA	S-NPP	31.15721	74.72559	10/20/2021	13:35	D	3.54
760	TARN TARAN	VALTOHA	S-NPP	31.16165	74.55837	10/20/2021	13:35	D	2.66
761	TARN TARAN	VALTOHA	S-NPP	31.17323	74.69729	10/20/2021	13:35	D	2.92
762	TARN TARAN	VALTOHA	S-NPP	31.19770	74.59235	10/20/2021	13:35	D	5.17
763	TARN TARAN	VALTOHA	S-NPP	31.19896	74.60040	10/20/2021	13:35	D	2.64
764	TARN TARAN	VALTOHA	S-NPP	31.19930	74.64609	10/20/2021	13:35	D	9.96
765	TARN TARAN	VALTOHA	S-NPP	31.20100	74.59164	10/20/2021	13:35	D	4.56
766	TARN TARAN	VALTOHA	S-NPP	31.20182	74.66218	10/20/2021	13:35	D	2.35
767	TARN TARAN	VALTOHA	S-NPP	31.20605	74.62386	10/20/2021	13:35	D	1.31
768	TARN TARAN	VALTOHA	S-NPP	31.20795	74.72321	10/20/2021	13:35	D	3.03
769	TARN TARAN	VALTOHA	S-NPP	31.23325	74.68879	10/20/2021	13:35	D	2.86
770	TARN TARAN	VALTOHA	S-NPP	31.23764	74.71696	10/20/2021	13:35	D	2.38
771	TARN TARAN	VALTOHA	S-NPP	31.24622	74.62456	10/20/2021	13:35	D	3.68
772	TARN TARAN	VALTOHA	S-NPP	31.26262	74.53363	10/20/2021	13:35	D	2.27
773	TARN TARAN	VALTOHA	S-NPP	31.26592	74.53293	10/20/2021	13:35	D	3.58
774	TARN TARAN	VALTOHA	S-NPP	31.28091	74.56307	10/20/2021	13:35	D	1.30
775	TARN TARAN	VALTOHA	S-NPP	31.28307	74.53345	10/20/2021	13:35	D	4.48
776	TARSIKKA	AMRITSAR	AQUA	31.72802	75.15488	10/20/2021	14:07	D	22.12
777	VALTOHA	TARN TARAN	AQUA	31.18396	74.52937	10/20/2021	14:07	D	18.58
778	VALTOHA	TARN TARAN	AQUA	31.19979	74.57461	10/20/2021	14:07	D	22.87
779	VALTOHA	TARN TARAN	AQUA	31.20820	74.65334	10/20/2021	14:07	D	27.97
780	VALTOHA	TARN TARAN	AQUA	31.22658	74.61863	10/20/2021	14:07	D	12.13
781	VALTOHA	TARN TARAN	AQUA	31.23104	74.62718	10/20/2021	14:07	D	12.84
782	VALTOHA	TARN TARAN	AQUA	31.23232	74.56996	10/20/2021	14:07	D	11.12
783	VALTOHA	TARN TARAN	AQUA	31.23343	74.68198	10/20/2021	14:07	D	9.56
784	VALTOHA	TARN TARAN	AQUA	31.23543	74.56266	10/20/2021	14:07	D	13.57

785	VALTOHA	TARN TARAN	AQUA	31.25118	74.60827	10/20/2021	14:07	D	21.18
786	VERKA	AMRITSAR	AQUA	31.72293	74.89029	10/20/2021	14:07	D	9.68
787	VERKA	AMRITSAR	AQUA	31.72460	74.90707	10/20/2021	14:07	D	10.04
788	VERKA	AMRITSAR	AQUA	31.73242	74.87199	10/20/2021	14:07	D	10.01

Details of residue burning events in Haryana on 20-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBALA	SHAHZADPUR	S-NPP	30.46266	76.92429	10/20/2021	13:35	D	2.68
2	FATEHABAD	BHUNA	S-NPP	29.47359	75.74032	10/20/2021	13:35	D	1.57
3	FATEHABAD	BHUNA	S-NPP	29.57210	75.69666	10/20/2021	13:35	D	2.88
4	FATEHABAD	BHUNA	S-NPP	29.62460	75.70660	10/20/2021	13:35	D	9.88
5	FATEHABAD	FATEHABAD	S-NPP	29.56185	75.58479	10/20/2021	13:35	D	1.30
6	FATEHABAD	JAKHAL	S-NPP	29.72026	75.78135	10/20/2021	13:35	D	7.70
7	FATEHABAD	JAKHAL	S-NPP	29.74965	75.79594	10/20/2021	13:35	D	1.18
8	FATEHABAD	TOHANA	S-NPP	29.58037	75.88627	10/20/2021	13:35	D	3.35
9	FATEHABAD	TOHANA	S-NPP	29.63233	75.84756	10/20/2021	13:35	D	3.36
10	FATEHABAD	TOHANA	S-NPP	29.64370	75.87791	10/20/2021	13:35	D	18.61
11	FATEHABAD	TOHANA	S-NPP	29.64429	75.88187	10/20/2021	13:35	D	12.59
12	FATEHABAD	TOHANA	S-NPP	29.68563	75.89008	10/20/2021	13:35	D	2.82
13	FATEHABAD	TOHANA	S-NPP	29.68623	75.89404	10/20/2021	13:35	D	2.82
14	FATEHABAD	TOHANA	S-NPP	29.70463	75.81297	10/20/2021	13:35	D	9.61
15	FATEHABAD	TOHANA	S-NPP	29.74599	75.86190	10/20/2021	13:35	D	3.15
16	HISAR	NARNAUND	S-NPP	29.22401	76.08051	10/20/2021	13:35	D	2.60
17	JIND	ALEWA	S-NPP	29.48937	76.36378	10/20/2021	13:35	D	1.97
18	JIND	JIND	S-NPP	29.34859	76.32912	10/20/2021	13:35	D	2.28
19	JIND	NARWANA	S-NPP	29.51822	76.03664	10/20/2021	13:35	D	3.60
20	JIND	NARWANA	S-NPP	29.55339	76.02164	10/20/2021	13:35	D	6.13
21	JIND	NARWANA	S-NPP	29.65999	76.00916	10/20/2021	13:35	D	1.67
22	JIND	NARWANA	S-NPP	29.67311	76.16586	10/20/2021	13:35	D	1.59
23	JIND	NARWANA	AQUA	29.62456	76.16670	10/20/2021	14:07	D	17.65
24	JIND	SAFIDON	S-NPP	29.38147	76.67113	10/20/2021	13:35	D	2.86
25	JIND	SAFIDON	S-NPP	29.38333	76.61320	10/20/2021	13:35	D	1.60
26	JIND	SAFIDON	S-NPP	29.45157	76.61264	10/20/2021	13:35	D	5.18
27	JIND	SAFIDON	S-NPP	29.45256	76.59600	10/20/2021	13:35	D	6.48
28	JIND	SAFIDON	S-NPP	29.45391	76.62866	10/20/2021	13:35	D	2.38
29	JIND	SAFIDON	S-NPP	29.45525	76.66135	10/20/2021	13:35	D	3.70
30	JIND	SAFIDON	S-NPP	29.46231	76.63943	10/20/2021	13:35	D	2.71

31	JIND	SAFIDON	S-NPP	29.47642	76.64951	10/20/2021	13:35	D	4.13
32	JIND	SAFIDON	AQUA	29.45116	76.62937	10/20/2021	14:07	D	15.39
33	JIND	UCHANA	S-NPP	29.55115	76.07496	10/20/2021	13:35	D	2.00
34	JIND	UCHANA	S-NPP	29.56367	76.11330	10/20/2021	13:35	D	9.04
35	KAITHAL	GUHLA	S-NPP	29.95327	76.29677	10/20/2021	13:35	D	5.85
36	KAITHAL	GUHLA	S-NPP	29.95717	76.30013	10/20/2021	13:35	D	32.28
37	KAITHAL	GUHLA	S-NPP	29.97106	76.28593	10/20/2021	13:35	D	2.25
38	KAITHAL	GUHLA	S-NPP	30.01906	76.40455	10/20/2021	13:35	D	11.23
39	KAITHAL	GUHLA	S-NPP	30.04954	76.40285	10/20/2021	13:35	D	16.30
40	KAITHAL	GUHLA	S-NPP	30.07244	76.30794	10/20/2021	13:35	D	3.19
41	KAITHAL	GUHLA	S-NPP	30.12785	76.45448	10/20/2021	13:35	D	3.27
42	KAITHAL	GUHLA	S-NPP	30.13117	76.45384	10/20/2021	13:35	D	3.27
43	KAITHAL	KAITHAL	S-NPP	29.81882	76.30584	10/20/2021	13:35	D	16.64
44	KAITHAL	KAITHAL	S-NPP	29.86876	76.39535	10/20/2021	13:35	D	4.36
45	KAITHAL	KAITHAL	S-NPP	29.87041	76.44827	10/20/2021	13:35	D	17.22
46	KAITHAL	KAITHAL	S-NPP	29.87790	76.43482	10/20/2021	13:35	D	6.02
47	KAITHAL	KAITHAL	S-NPP	29.88372	76.47500	10/20/2021	13:35	D	2.19
48	KAITHAL	KAITHAL	S-NPP	29.89585	76.46442	10/20/2021	13:35	D	4.98
49	KAITHAL	KAITHAL	S-NPP	29.91637	76.46464	10/20/2021	13:35	D	5.93
50	KAITHAL	KAITHAL	S-NPP	29.91970	76.46400	10/20/2021	13:35	D	4.18
51	KAITHAL	KAITHAL	AQUA	29.77397	76.46424	10/20/2021	14:07	D	15.80
52	KAITHAL	KAITHAL	AQUA	29.77900	76.45081	10/20/2021	14:07	D	14.95
53	KAITHAL	KAITHAL	AQUA	29.78094	76.47041	10/20/2021	14:07	D	13.17
54	KAITHAL	KALAYAT	S-NPP	29.69291	76.34636	10/20/2021	13:35	D	2.37
55	KAITHAL	KALAYAT	S-NPP	29.73211	76.33473	10/20/2021	13:35	D	4.25
56	KAITHAL	PUNDRI	S-NPP	29.63718	76.56638	10/20/2021	13:35	D	5.23
57	KAITHAL	PUNDRI	S-NPP	29.67034	76.70058	10/20/2021	13:35	D	5.23
58	KAITHAL	PUNDRI	S-NPP	29.67367	76.69996	10/20/2021	13:35	D	5.23
59	KAITHAL	PUNDRI	S-NPP	29.71003	76.65212	10/20/2021	13:35	D	3.84
60	KAITHAL	PUNDRI	S-NPP	29.74365	76.53007	10/20/2021	13:35	D	2.07
61	KAITHAL	PUNDRI	S-NPP	29.77565	76.65630	10/20/2021	13:35	D	4.34
62	KAITHAL	PUNDRI	S-NPP	29.77899	76.65568	10/20/2021	13:35	D	4.93
63	KAITHAL	PUNDRI	S-NPP	29.77903	76.58531	10/20/2021	13:35	D	1.86

64	KAITHAL	PUNDRI	S-NPP	29.81479	76.58279	10/20/2021	13:35	D	1.50
65	KAITHAL	PUNDRI	S-NPP	29.82814	76.67557	10/20/2021	13:35	D	1.85
66	KAITHAL	PUNDRI	S-NPP	29.85873	76.67395	10/20/2021	13:35	D	3.05
67	KAITHAL	PUNDRI	S-NPP	29.86512	76.55256	10/20/2021	13:35	D	4.26
68	KAITHAL	PUNDRI	S-NPP	29.90658	76.67323	10/20/2021	13:35	D	2.95
69	KAITHAL	PUNDRI	S-NPP	29.90880	76.67325	10/20/2021	13:35	D	1.54
70	KAITHAL	RAJOUND	S-NPP	29.55762	76.37197	10/20/2021	13:35	D	8.67
71	KAITHAL	RAJOUND	S-NPP	29.63663	76.49238	10/20/2021	13:35	D	0.90
72	KAITHAL	SIWAN	S-NPP	29.87056	76.26746	10/20/2021	13:35	D	3.52
73	KAITHAL	SIWAN	S-NPP	29.88987	76.32954	10/20/2021	13:35	D	13.43
74	KAITHAL	SIWAN	S-NPP	29.89299	76.30425	10/20/2021	13:35	D	1.61
75	KAITHAL	SIWAN	S-NPP	29.90041	76.33163	10/20/2021	13:35	D	1.81
76	KAITHAL	SIWAN	S-NPP	29.90371	76.40102	10/20/2021	13:35	D	8.67
77	KAITHAL	SIWAN	S-NPP	29.90528	76.38835	10/20/2021	13:35	D	3.39
78	KAITHAL	SIWAN	S-NPP	29.90626	76.37169	10/20/2021	13:35	D	2.01
79	KAITHAL	SIWAN	S-NPP	29.91011	76.23518	10/20/2021	13:35	D	5.03
80	KAITHAL	SIWAN	S-NPP	29.91983	76.20866	10/20/2021	13:35	D	3.54
81	KAITHAL	SIWAN	S-NPP	29.92401	76.30651	10/20/2021	13:35	D	17.42
82	KAITHAL	SIWAN	S-NPP	29.93574	76.38664	10/20/2021	13:35	D	27.60
83	KAITHAL	SIWAN	S-NPP	29.93786	76.30797	10/20/2021	13:35	D	2.83
84	KAITHAL	SIWAN	S-NPP	29.94336	76.36869	10/20/2021	13:35	D	5.05
85	KAITHAL	SIWAN	S-NPP	29.94961	76.38811	10/20/2021	13:35	D	6.78
86	KAITHAL	SIWAN	S-NPP	29.97844	76.38342	10/20/2021	13:35	D	3.78
87	KAITHAL	SIWAN	AQUA	29.84962	76.31149	10/20/2021	14:07	D	17.33
88	KAITHAL	SIWAN	AQUA	29.85160	76.25867	10/20/2021	14:07	D	15.32
89	KAITHAL	SIWAN	AQUA	29.92791	76.24339	10/20/2021	14:07	D	12.84
90	KARNAL	ASSANDH	S-NPP	29.47944	76.59953	10/20/2021	13:35	D	4.77
91	KARNAL	ASSANDH	S-NPP	29.48286	76.52900	10/20/2021	13:35	D	3.55
92	KARNAL	ASSANDH	S-NPP	29.49399	76.53510	10/20/2021	13:35	D	2.13
93	KARNAL	ASSANDH	S-NPP	29.54099	76.86078	10/20/2021	13:35	D	2.16
94	KARNAL	ASSANDH	S-NPP	29.56432	76.59584	10/20/2021	13:35	D	40.95
95	KARNAL	ASSANDH	S-NPP	29.56953	76.70214	10/20/2021	13:35	D	2.32
96	KARNAL	ASSANDH	S-NPP	29.57285	76.57034	10/20/2021	13:35	D	3.62

97	KARNAL	ASSANDH	S-NPP	29.58443	76.68694	10/20/2021	13:35	D	16.20
98	KARNAL	ASSANDH	S-NPP	29.58502	76.69096	10/20/2021	13:35	D	16.20
99	KARNAL	ASSANDH	S-NPP	29.58515	76.58449	10/20/2021	13:35	D	1.89
100	KARNAL	ASSANDH	S-NPP	29.58631	76.68744	10/20/2021	13:35	D	4.07
101	KARNAL	ASSANDH	S-NPP	29.59036	76.71563	10/20/2021	13:35	D	2.02
102	KARNAL	ASSANDH	S-NPP	29.59045	76.75201	10/20/2021	13:35	D	3.84
103	KARNAL	ASSANDH	S-NPP	29.59919	76.61069	10/20/2021	13:35	D	3.86
104	KARNAL	ASSANDH	S-NPP	29.60181	76.67625	10/20/2021	13:35	D	2.06
105	KARNAL	ASSANDH	S-NPP	29.60890	76.65426	10/20/2021	13:35	D	8.06
106	KARNAL	ASSANDH	S-NPP	29.60959	76.58810	10/20/2021	13:35	D	3.15
107	KARNAL	ASSANDH	S-NPP	29.61566	76.58283	10/20/2021	13:35	D	3.29
108	KARNAL	ASSANDH	S-NPP	29.61889	76.65238	10/20/2021	13:35	D	2.96
109	KARNAL	CHIRAO	S-NPP	29.61215	76.84428	10/20/2021	13:35	D	3.63
110	KARNAL	CHIRAO	S-NPP	29.61883	76.84303	10/20/2021	13:35	D	7.18
111	KARNAL	CHIRAO	S-NPP	29.61941	76.84707	10/20/2021	13:35	D	8.46
112	KARNAL	CHIRAO	S-NPP	29.62217	76.84240	10/20/2021	13:35	D	2.46
113	KARNAL	CHIRAO	S-NPP	29.62690	76.89979	10/20/2021	13:35	D	1.75
114	KARNAL	CHIRAO	S-NPP	29.63339	76.75311	10/20/2021	13:35	D	2.15
115	KARNAL	CHIRAO	S-NPP	29.65018	76.67954	10/20/2021	13:35	D	2.16
116	KARNAL	CHIRAO	S-NPP	29.65584	76.69504	10/20/2021	13:35	D	3.22
117	KARNAL	CHIRAO	S-NPP	29.66938	76.81278	10/20/2021	13:35	D	3.16
118	KARNAL	CHIRAO	S-NPP	29.67301	76.86203	10/20/2021	13:35	D	10.66
119	KARNAL	CHIRAO	S-NPP	29.67817	76.70740	10/20/2021	13:35	D	2.34
120	KARNAL	CHIRAO	S-NPP	29.70469	76.84363	10/20/2021	13:35	D	3.69
121	KARNAL	CHIRAO	S-NPP	29.71655	76.72133	10/20/2021	13:35	D	5.67
122	KARNAL	CHIRAO	S-NPP	29.71937	76.83719	10/20/2021	13:35	D	3.45
123	KARNAL	CHIRAO	S-NPP	29.71988	76.72070	10/20/2021	13:35	D	2.69
124	KARNAL	CHIRAO	AQUA	29.62200	76.82864	10/20/2021	14:07	D	14.01
125	KARNAL	CHIRAO	AQUA	29.62398	76.84933	10/20/2021	14:07	D	28.11
126	KARNAL	CHIRAO	AQUA	29.75713	76.73712	10/20/2021	14:07	D	20.78
127	KARNAL	GHARAUNDA	S-NPP	29.58699	77.01478	10/20/2021	13:35	D	1.59
128	KARNAL	GHARAUNDA	S-NPP	29.59677	76.96284	10/20/2021	13:35	D	2.73
129	KARNAL	INDRI	S-NPP	29.87885	77.13102	10/20/2021	13:35	D	1.48

130	KARNAL	KARNAL	S-NPP	29.63377	77.07738	10/20/2021	13:35	D	1.94
131	KARNAL	KARNAL	S-NPP	29.63746	77.02319	10/20/2021	13:35	D	3.50
132	KARNAL	KARNAL	S-NPP	29.73355	76.88874	10/20/2021	13:35	D	21.29
133	KARNAL	KARNAL	S-NPP	29.74756	77.03690	10/20/2021	13:35	D	13.57
134	KARNAL	NILOKHERI	S-NPP	29.84308	76.75588	10/20/2021	13:35	D	1.90
135	KARNAL	NILOKHERI	S-NPP	29.88181	76.90733	10/20/2021	13:35	D	2.62
136	KARNAL	NILOKHERI	S-NPP	29.88399	76.70658	10/20/2021	13:35	D	1.26
137	KURUKSHETRA	LADWA	S-NPP	30.05110	77.07022	10/20/2021	13:35	D	4.74
138	KURUKSHETRA	PEHOWA	S-NPP	29.96639	76.71651	10/20/2021	13:35	D	1.86
139	KURUKSHETRA	PEHOWA	S-NPP	29.96782	76.67876	10/20/2021	13:35	D	3.91
140	KURUKSHETRA	PEHOWA	S-NPP	29.97288	76.45386	10/20/2021	13:35	D	4.35
141	KURUKSHETRA	PEHOWA	S-NPP	29.98350	76.69246	10/20/2021	13:35	D	2.37
142	KURUKSHETRA	PEHOWA	S-NPP	30.04426	76.43695	10/20/2021	13:35	D	9.31
143	KURUKSHETRA	PEHOWA	AQUA	29.97040	76.67777	10/20/2021	14:07	D	19.69
144	KURUKSHETRA	THANESAR	S-NPP	29.90376	76.74865	10/20/2021	13:35	D	1.49
145	KURUKSHETRA	THANESAR	S-NPP	29.91411	76.79675	10/20/2021	13:35	D	1.74
146	KURUKSHETRA	THANESAR	S-NPP	29.93794	76.70937	10/20/2021	13:35	D	5.19
147	KURUKSHETRA	THANESAR	S-NPP	29.94476	76.73309	10/20/2021	13:35	D	10.93
148	PANIPAT	PANIPAT	S-NPP	29.45704	77.08008	10/20/2021	13:35	D	1.90
149	SIRSA	BARAGUNDA	S-NPP	29.81875	75.20795	10/20/2021	13:35	D	5.05
150	SIRSA	DABWALI	S-NPP	29.98747	74.81276	10/20/2021	13:35	D	1.49
151	SIRSA	RANIA	S-NPP	29.57760	74.66571	10/20/2021	13:35	D	8.72
152	SIRSA	SIRSA	S-NPP	29.50515	75.02168	10/20/2021	13:35	D	2.78
153	SIRSA	SIRSA	S-NPP	29.58166	75.14500	10/20/2021	13:35	D	2.70
154	SIRSA	SIRSA	S-NPP	29.58496	75.14433	10/20/2021	13:35	D	3.44
155	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.18700	77.11473	10/20/2021	13:35	D	2.47

Details of residue burning events in Uttar Pradesh on 20-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	CHITRAKOOT	MAU	TERRA	25.30696	81.21902	10/20/2021	10:48	D	5.25

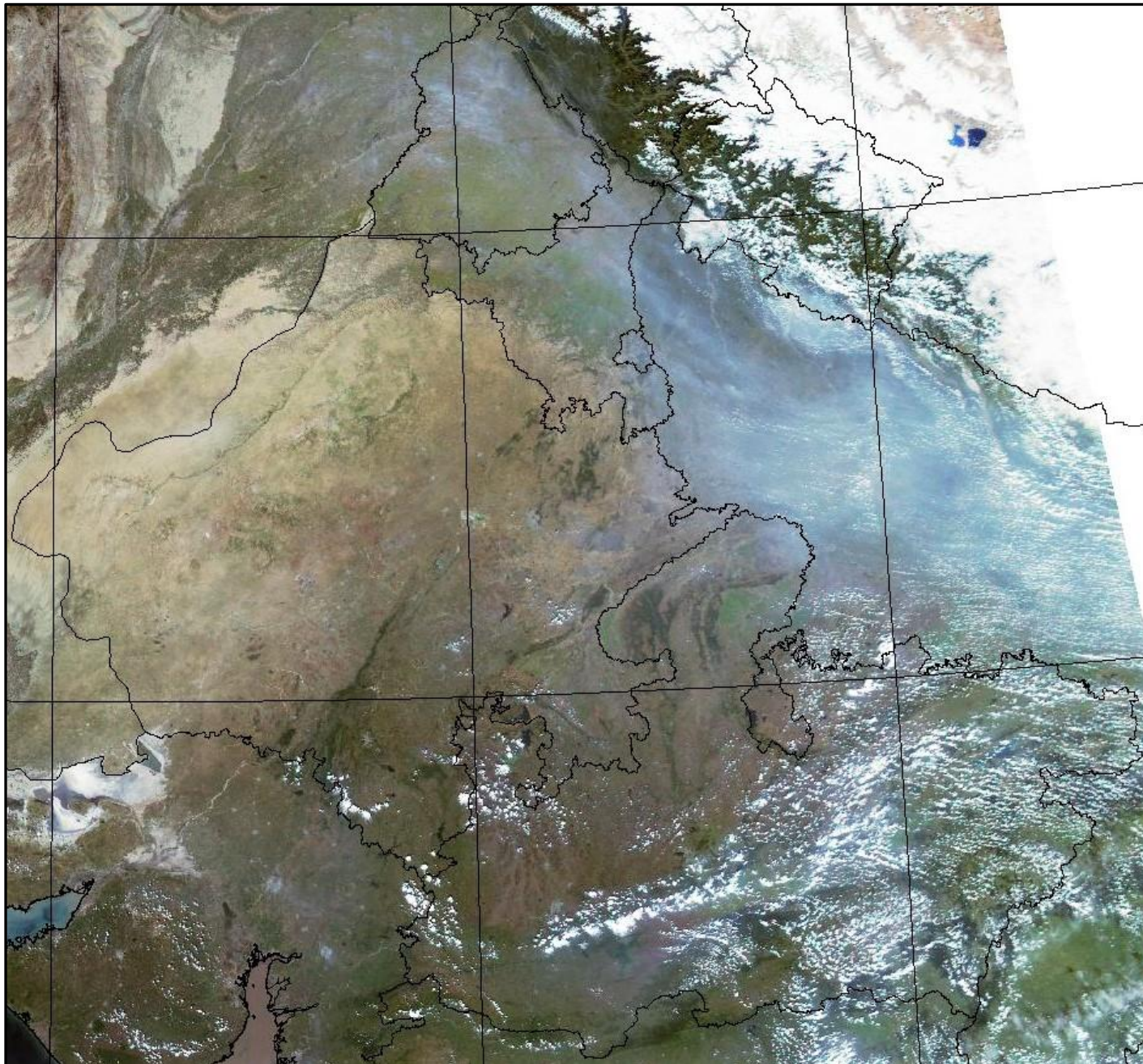
Details of residue burning events in Rajasthan on 20-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	HANUMANGARH	HANUMANGARH	S-NPP	29.49963	74.14015	10/20/2021	13:35	D	3.40
2	HANUMANGARH	SANGHRIYA	AQUA	29.84718	74.50855	10/20/2021	14:07	D	12.88
3	HANUMANGARH	TIBI	S-NPP	29.54381	74.54037	10/20/2021	13:35	D	4.91
4	HANUMANGARH	TIBI	S-NPP	29.63059	74.53080	10/20/2021	13:35	D	12.08

Details of residue burning events in Madhya Pradesh on 20-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	CHHINDWARA	CHAURAI	S-NPP	22.06840	79.29748	10/20/2021	13:35	D	5.23
2	CHHINDWARA	CHAURAI	S-NPP	22.08578	79.36707	10/20/2021	13:35	D	2.81
3	GUNA	RAGHOGARH	S-NPP	24.48429	77.14787	10/20/2021	02:19	N	2.41
4	HARDA	TIMURNI	S-NPP	22.49865	77.16414	10/20/2021	13:35	D	1.66
5	NARSHIMAPURA	NARSIMHAPUR	S-NPP	23.00623	79.25316	10/20/2021	13:35	D	1.32
6	NARSHIMAPURA	NARSIMHAPUR	S-NPP	23.03771	79.25626	10/20/2021	13:35	D	3.57
7	NARSHIMAPURA	NARSIMHAPUR	S-NPP	23.03803	79.25615	10/20/2021	13:35	D	3.01
8	NARSHIMAPURA	NARSIMHAPUR	S-NPP	23.04985	79.19326	10/20/2021	13:35	D	3.04
9	RAISEN	GAIRATGANJ	S-NPP	23.49266	78.26829	10/20/2021	13:35	D	2.47
10	SAGAR	DEVRI	S-NPP	23.41867	78.96783	10/20/2021	13:35	D	4.82
11	SAGAR	DEVRI	S-NPP	23.50863	79.03803	10/20/2021	13:35	D	1.70
12	SEONI	KEWLARI	S-NPP	22.34315	79.83770	10/20/2021	13:35	D	7.63
13	SEONI	KURAI	S-NPP	21.95995	79.46361	10/20/2021	13:35	D	2.14
14	SEONI	LAKHNADOU	S-NPP	22.49938	79.51228	10/20/2021	13:35	D	3.17
15	SEONI	LAKHNADOU	S-NPP	22.52330	79.53301	10/20/2021	13:35	D	2.76
16	SEONI	LAKHNADOU	S-NPP	22.52672	79.53246	10/20/2021	13:35	D	2.94
17	SEONI	LAKHNADOU	S-NPP	22.55109	79.68077	10/20/2021	13:35	D	3.09
18	SEONI	SEONI	S-NPP	22.04031	79.46672	10/20/2021	13:35	D	2.20
19	SEONI	SEONI	S-NPP	22.21874	79.37359	10/20/2021	13:35	D	9.91
20	SEONI	SEONI	S-NPP	22.24469	79.82801	10/20/2021	13:35	D	3.28
21	SEONI	SEONI	S-NPP	22.27697	79.66572	10/20/2021	13:35	D	2.92

[AQUA \(MODIS\) Satellite image \(TCC\) of North and Central India Acquired on 20-Oct-2021 at 14:02:12 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)
