



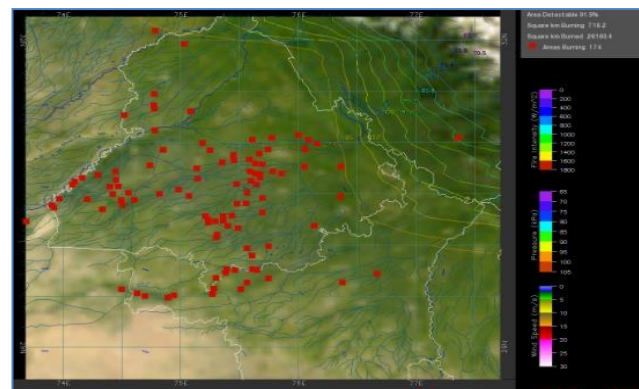
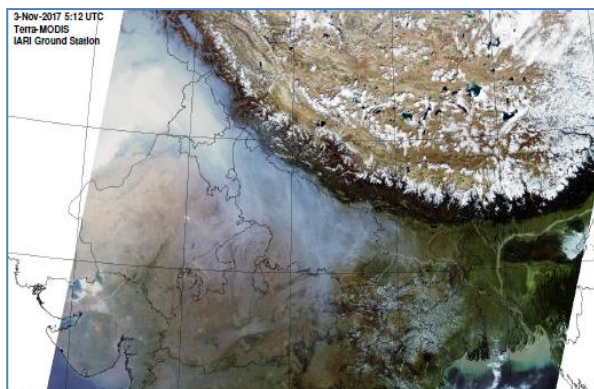
**Bulletin
No. 31**

**Events Date:
15-Oct-2021**

**Issued on:
15-Oct-2021**



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



Prepared by:

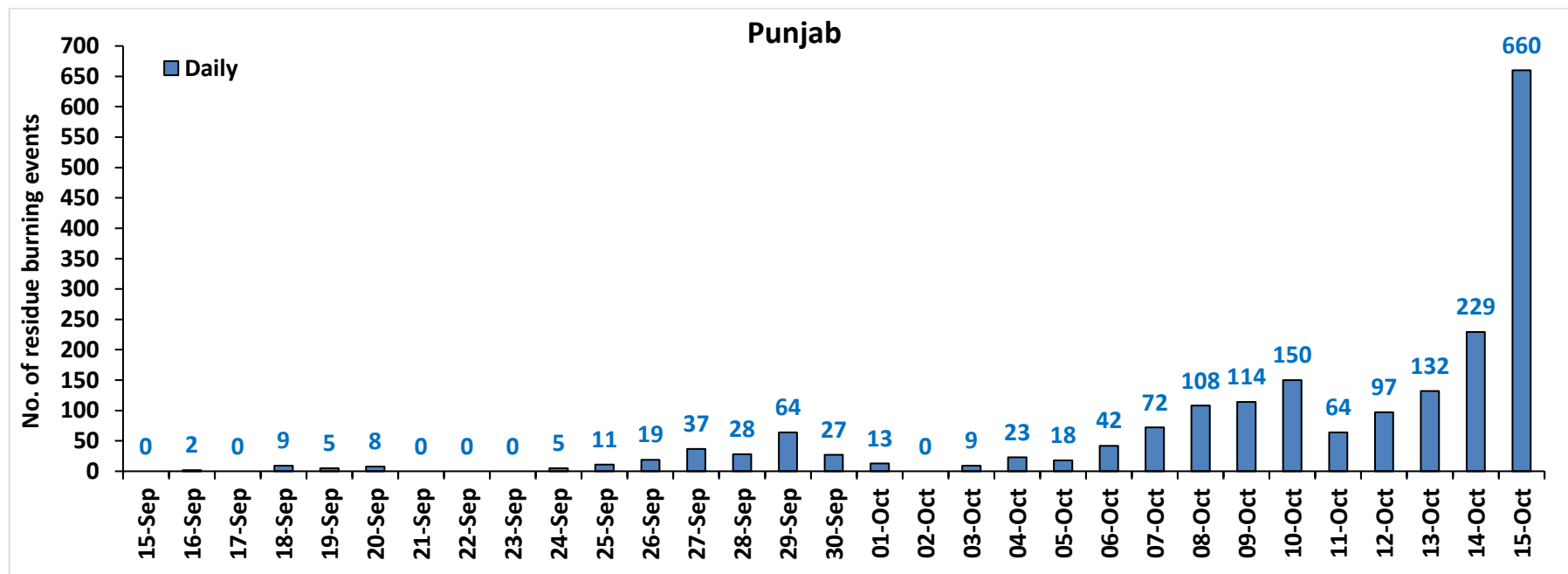
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

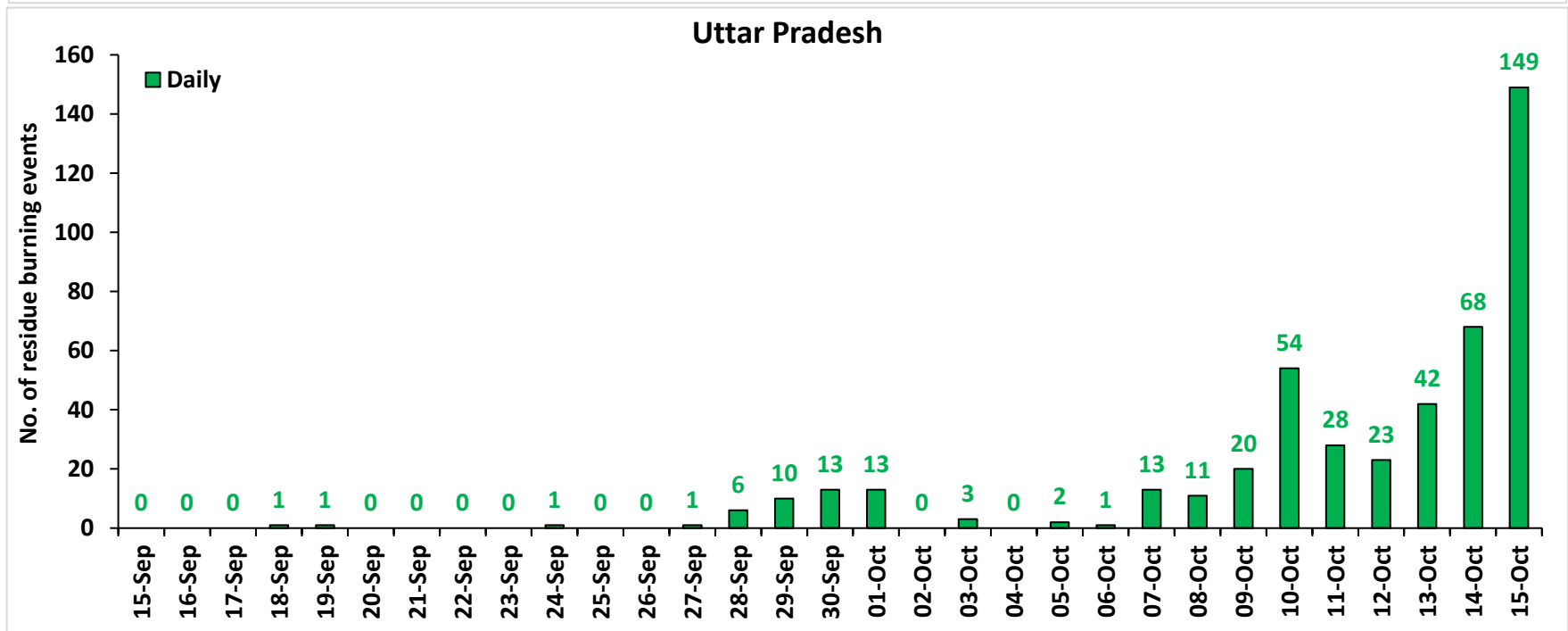
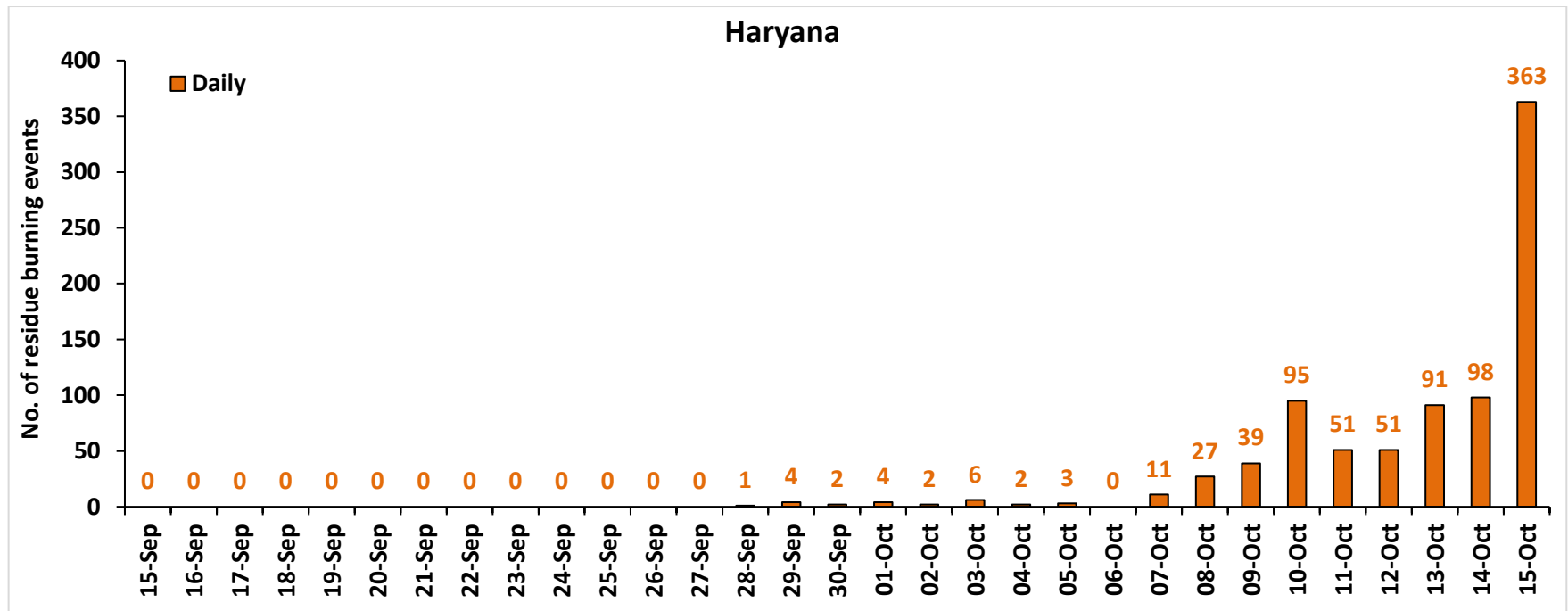
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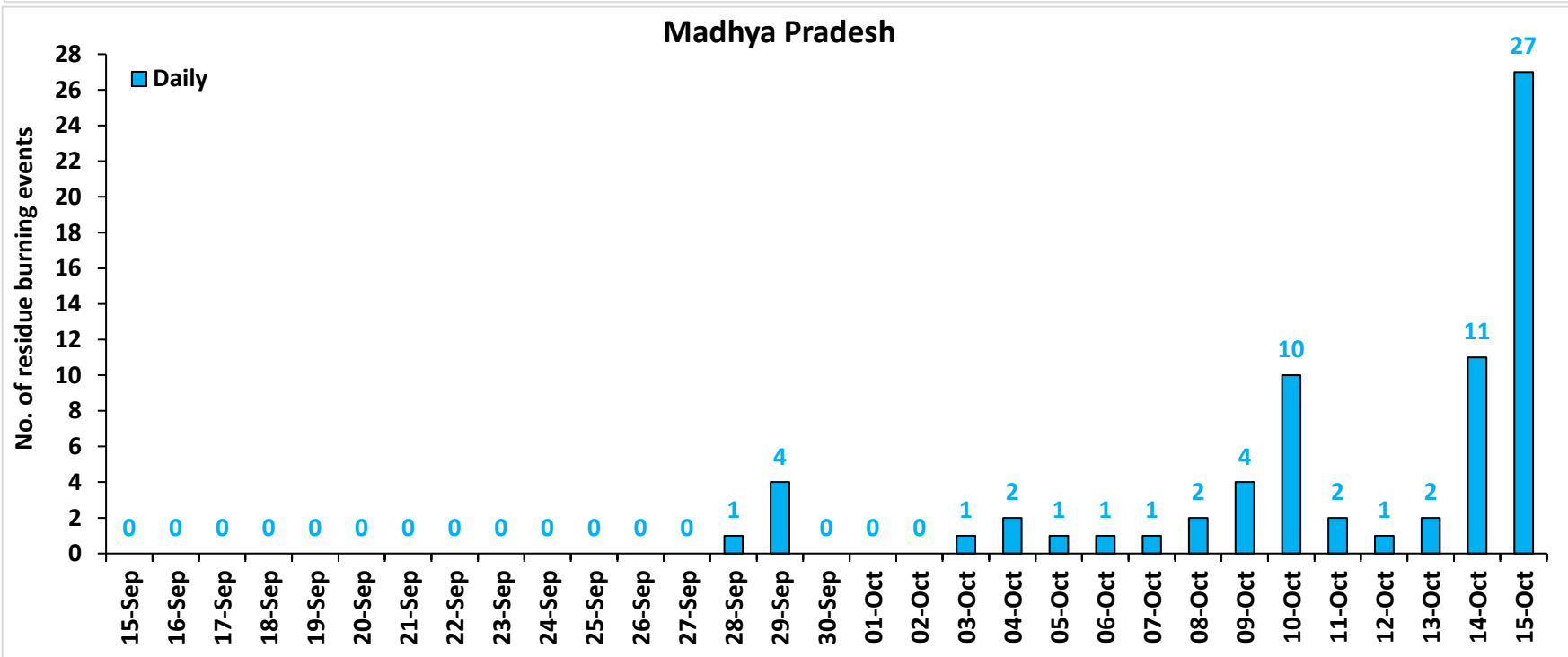
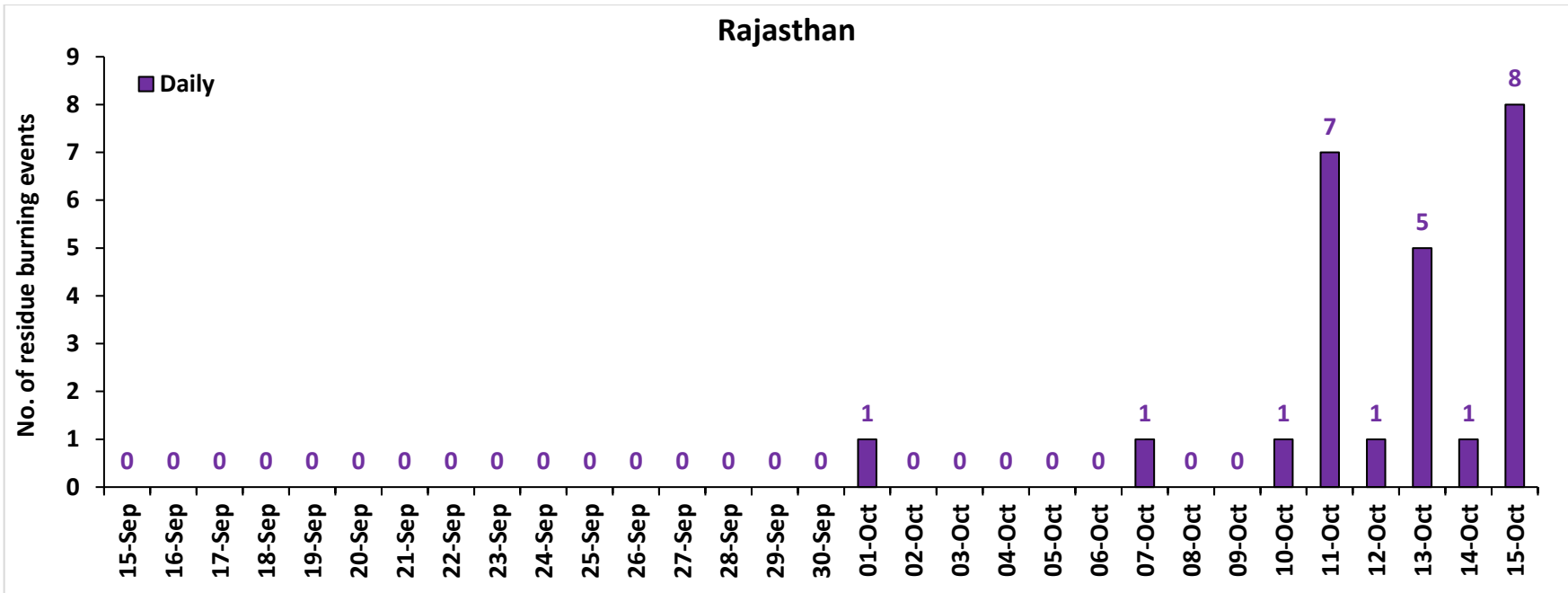
Highlights for 15-October-2021

- 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 **1207** residue burning events in the six study States on 15-Oct-2021.
- The state wise events detected on 15-Oct-2021 were **660** in Punjab, **363** in Haryana, **149** in UP, **0** in Delhi, **8** in Rajasthan and **27** in MP.
- The number of events has increased from **407** on 14-Oct-2021 to **1207** on 15-Oct-2021 in the six study states.
- Total **3342** burning events were detected in the six states between 15-Sept-2021 and 15-Oct-2021, which are distributed as **1946**, **850**, **460**, **0**, **25** and **61** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.
- Overall, the total burning events recorded in the six states are **46.0%** less than in 2020 till date. Punjab recorded **58.3%** reduction, Haryana recorded **21.1%** increase, UP recorded **43.7%** increase, Delhi recorded **100%** reduction, Rajasthan recorded **87.6%** reduction and MP recorded **79.5%** reduction, in the current season than in 2020.

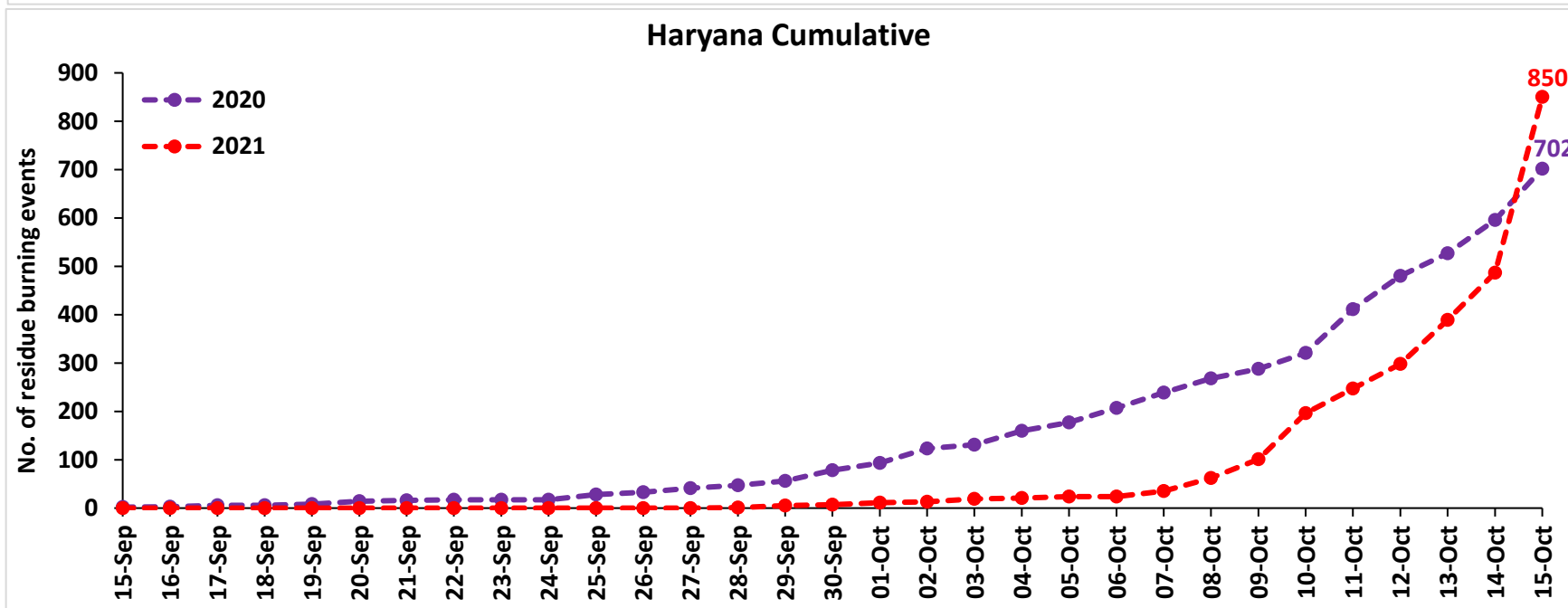
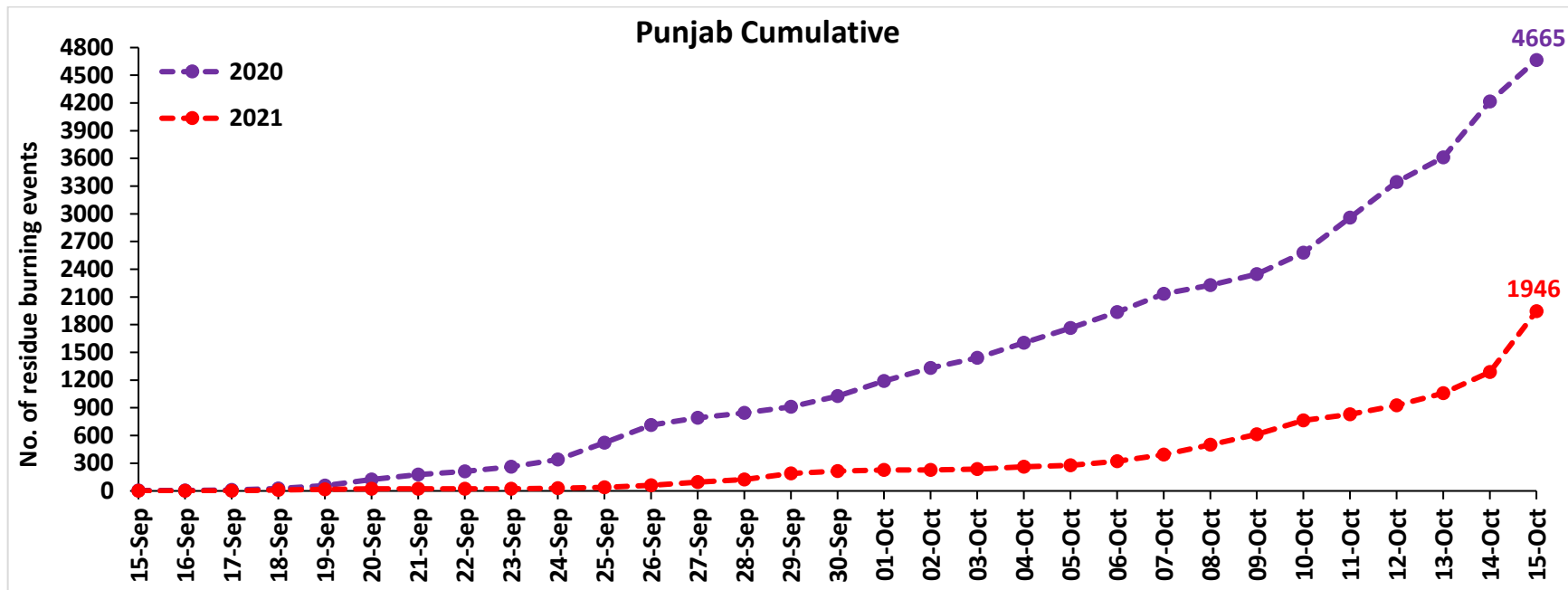
Temporal distribution of rice residue burning events for the study States in 2021

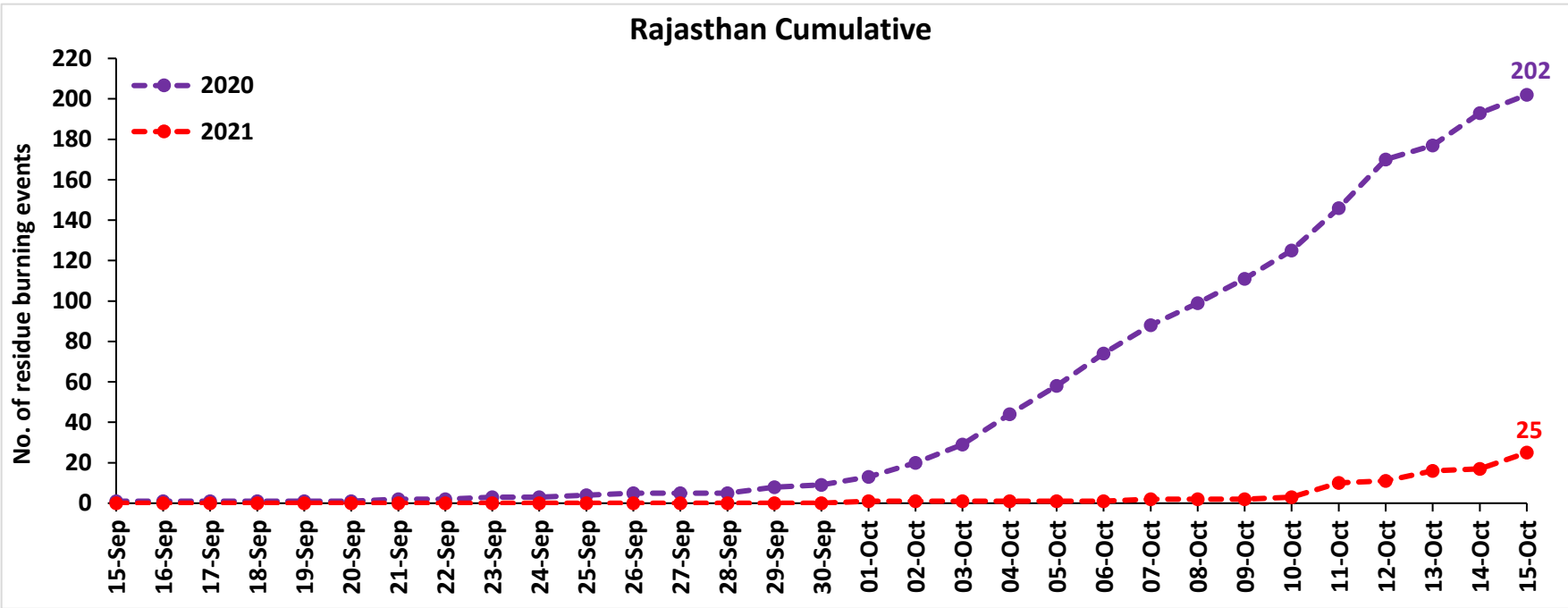
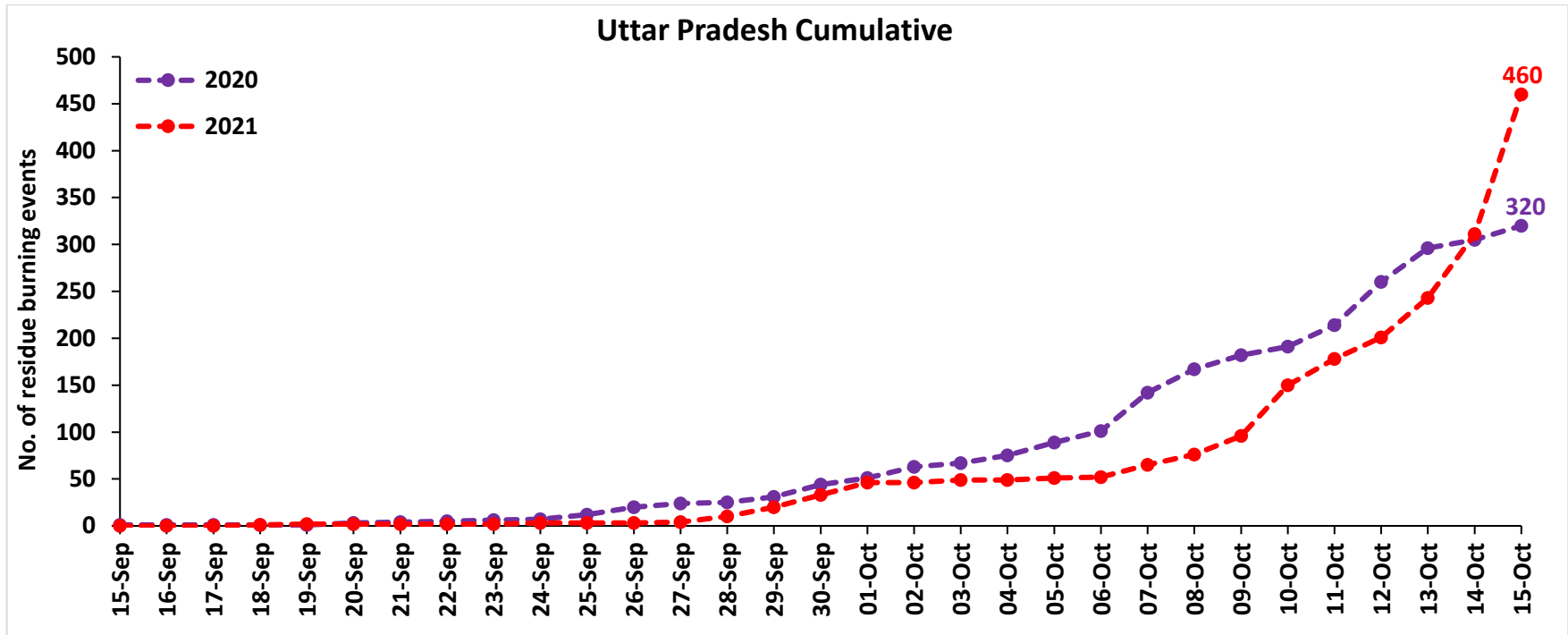


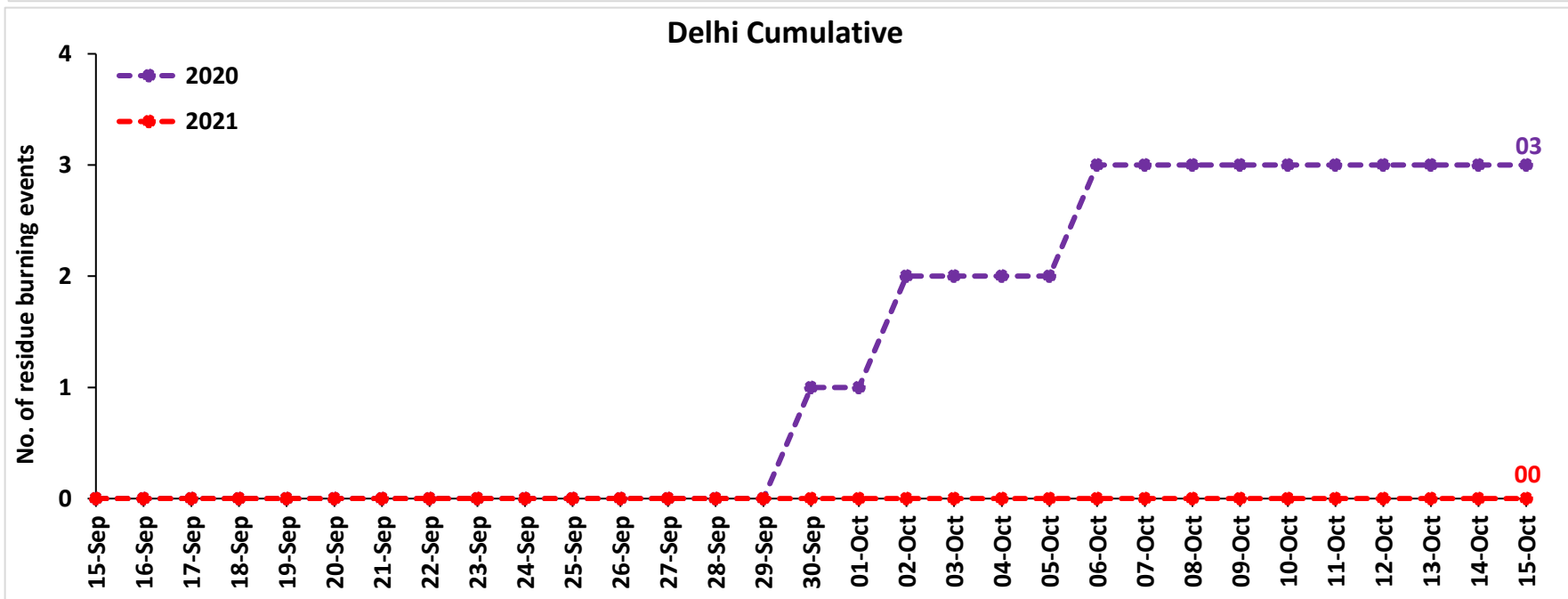
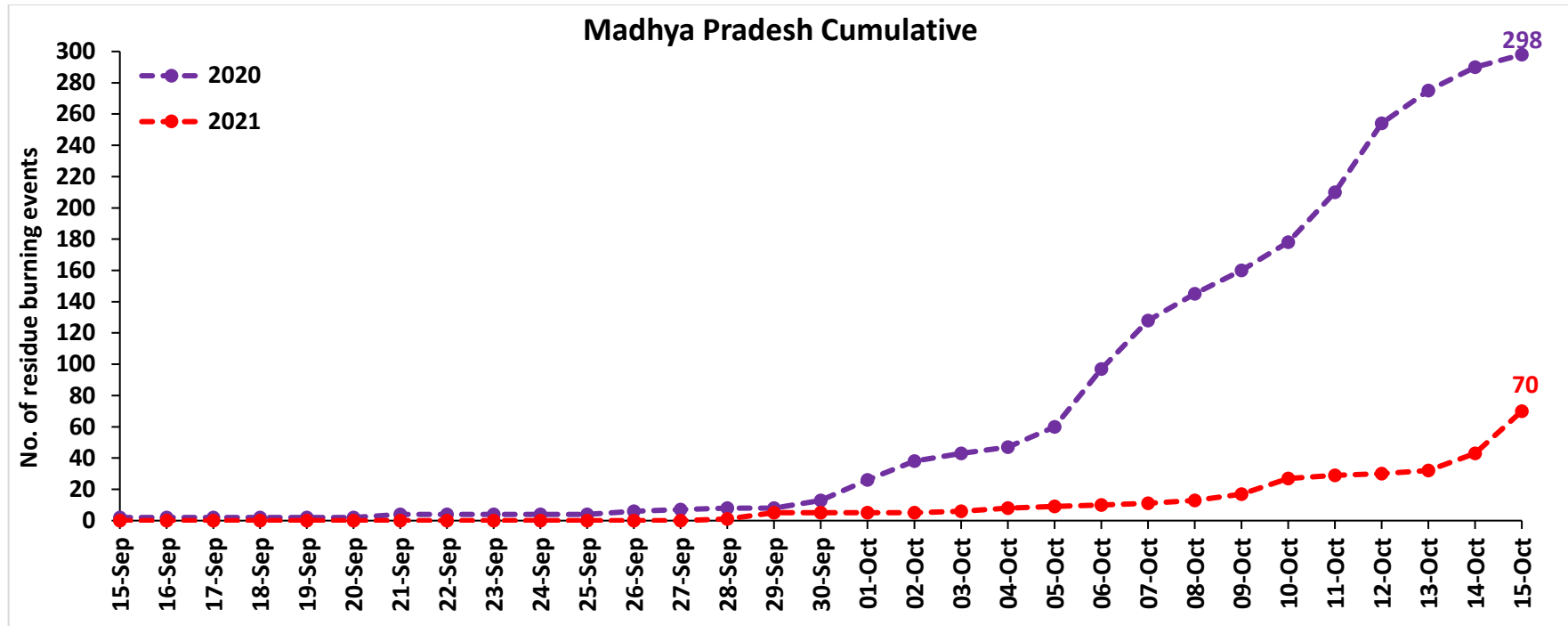




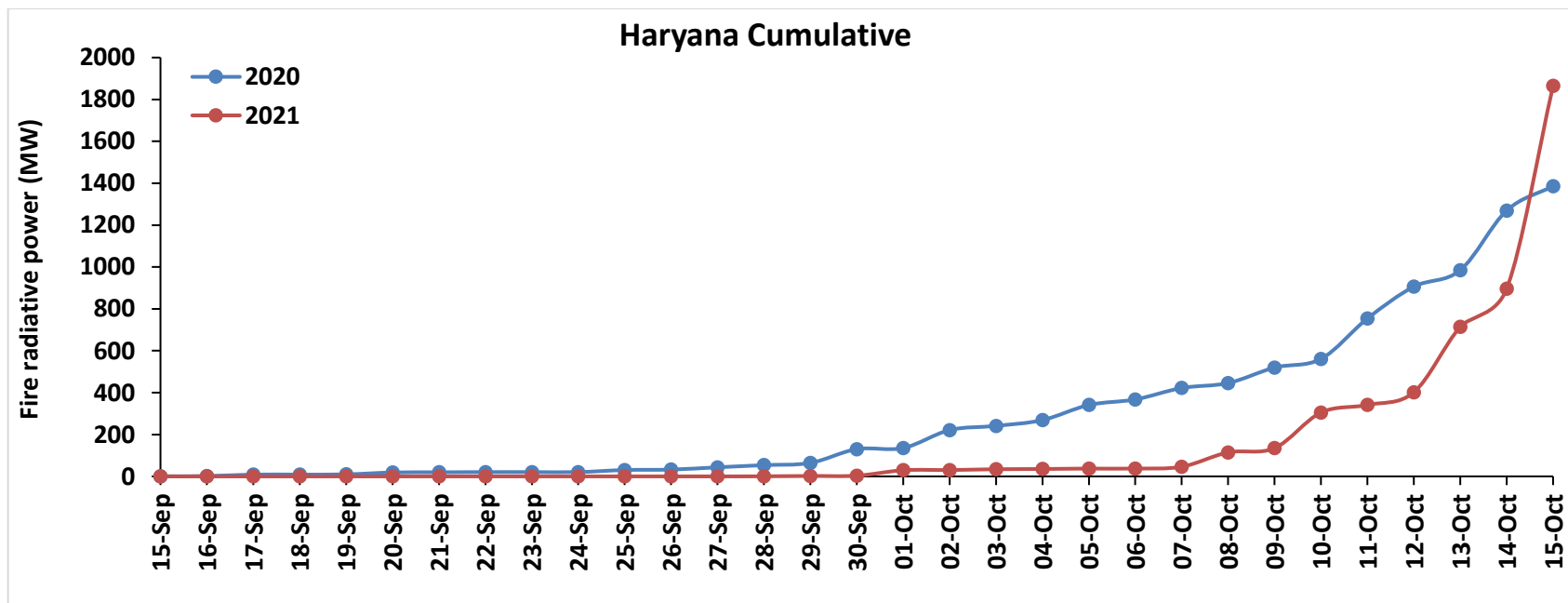
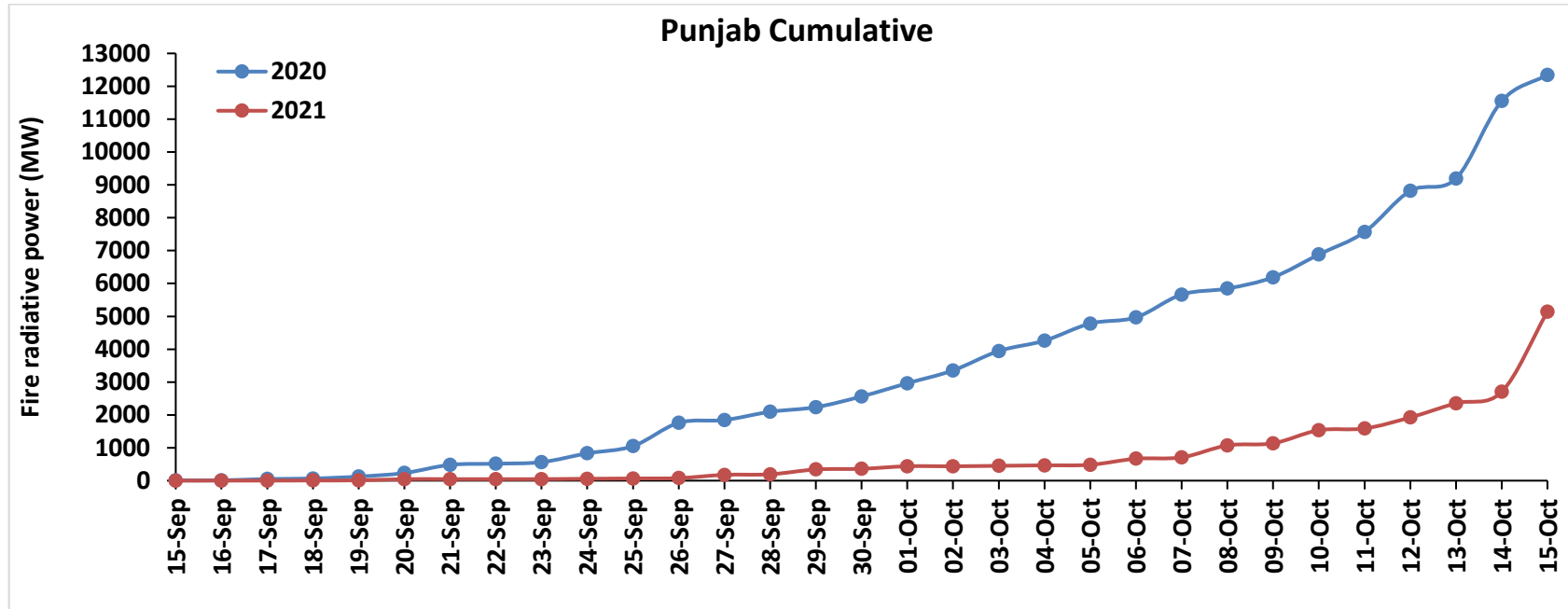
Comparison of residue burning events in current year (2021) with previous year (2020) for the study States

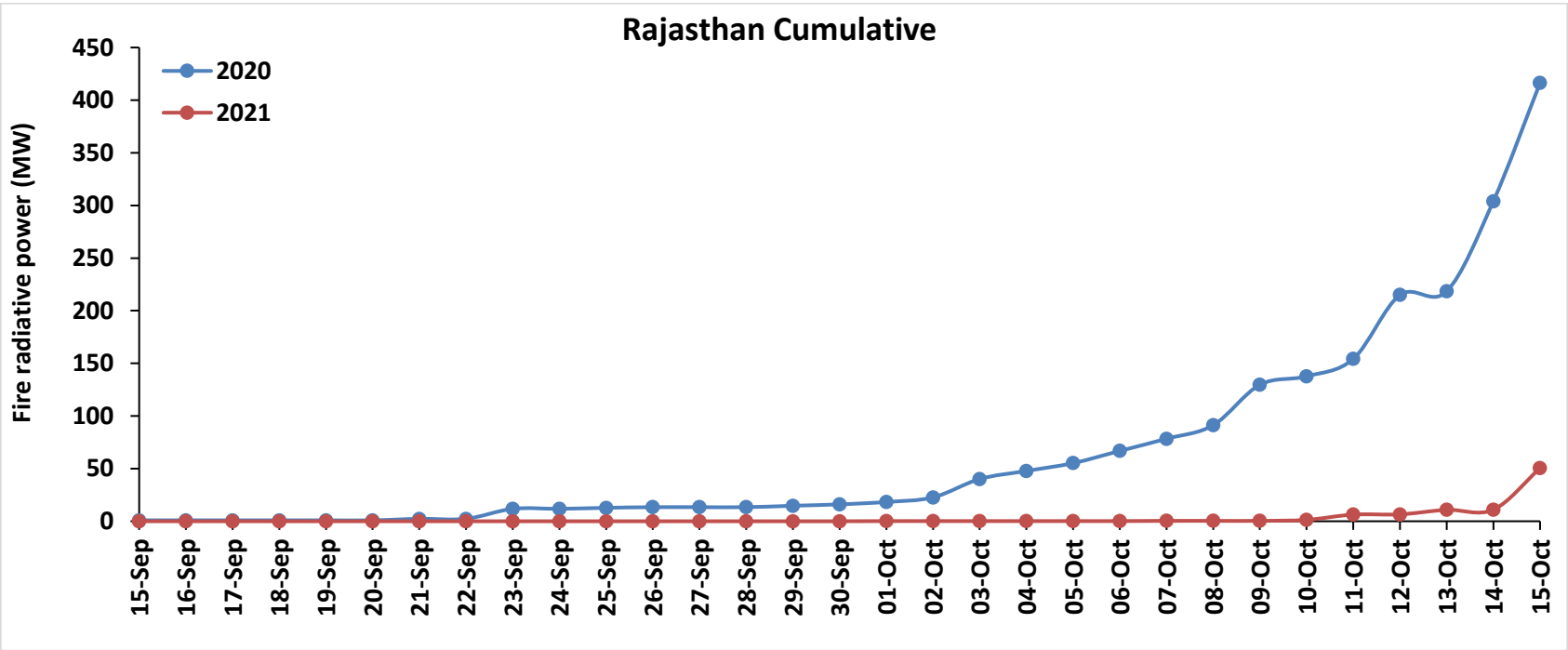
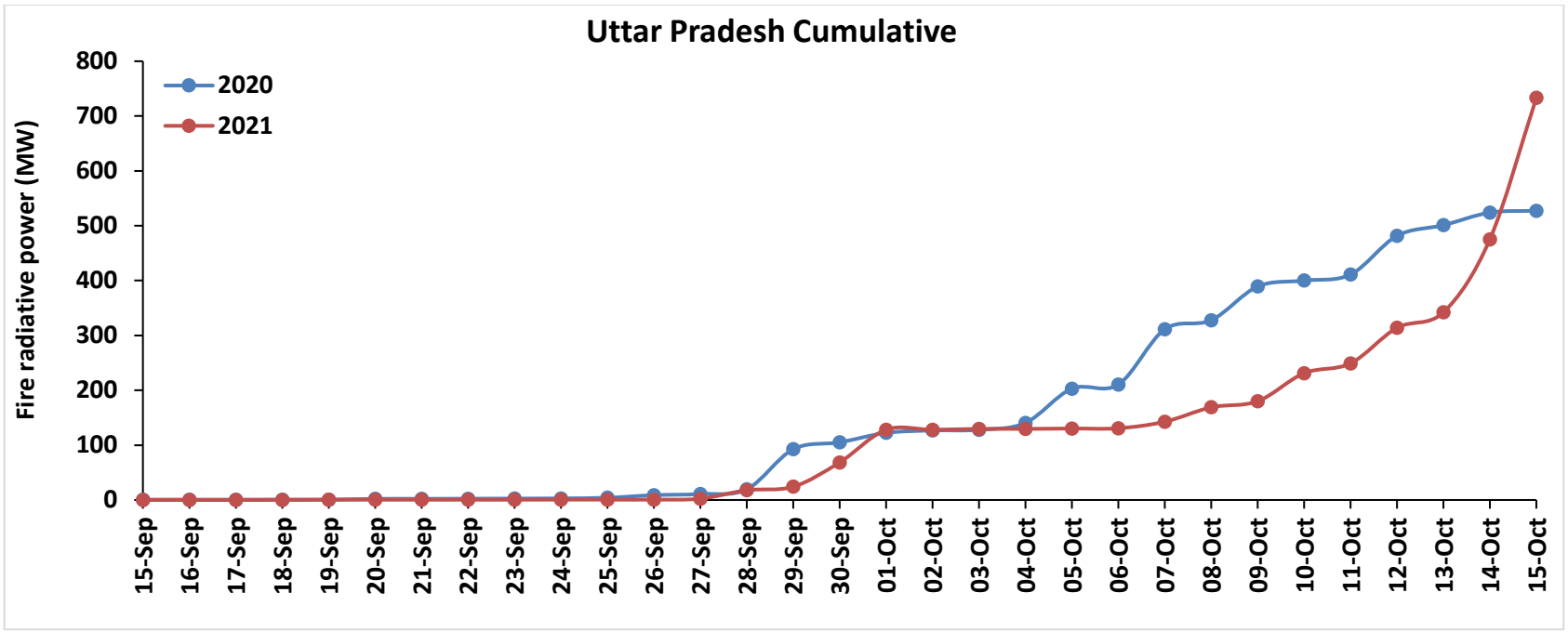


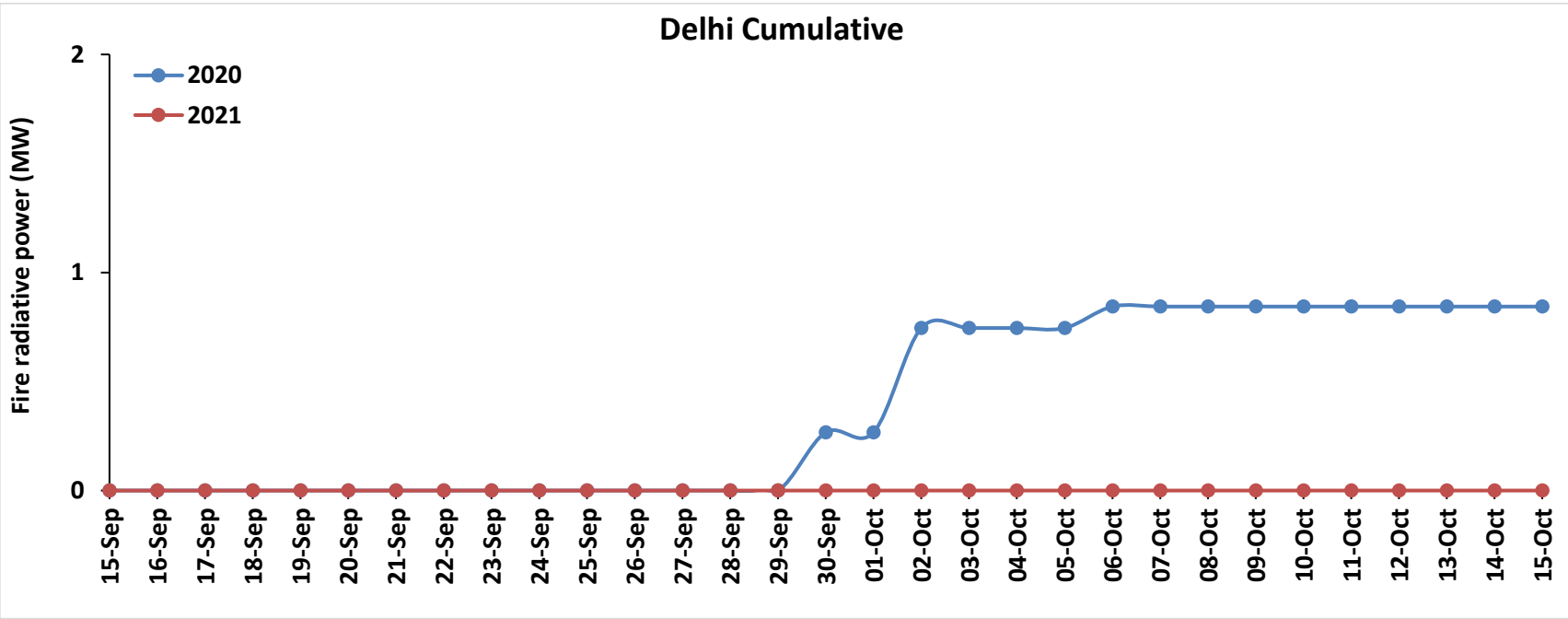
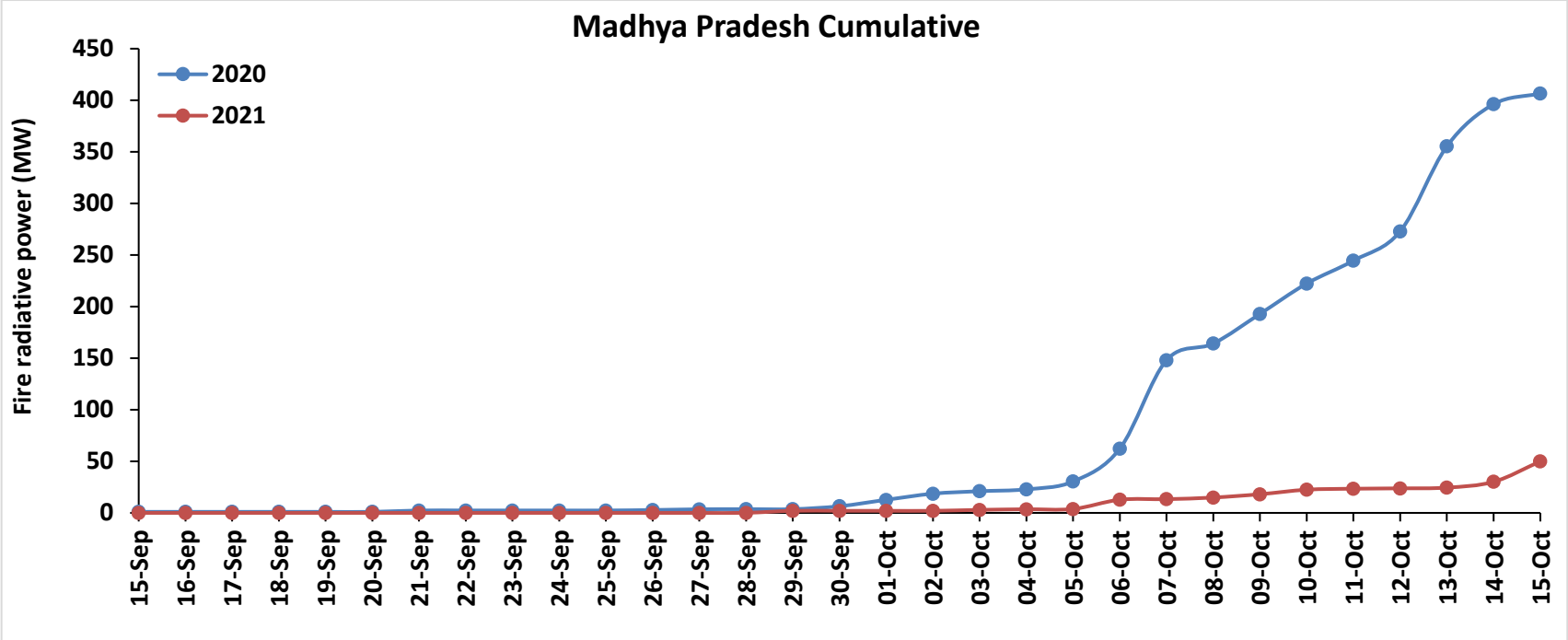




Comparison of residue burning fire power in current year (2021) with previous year (2020) for the study States

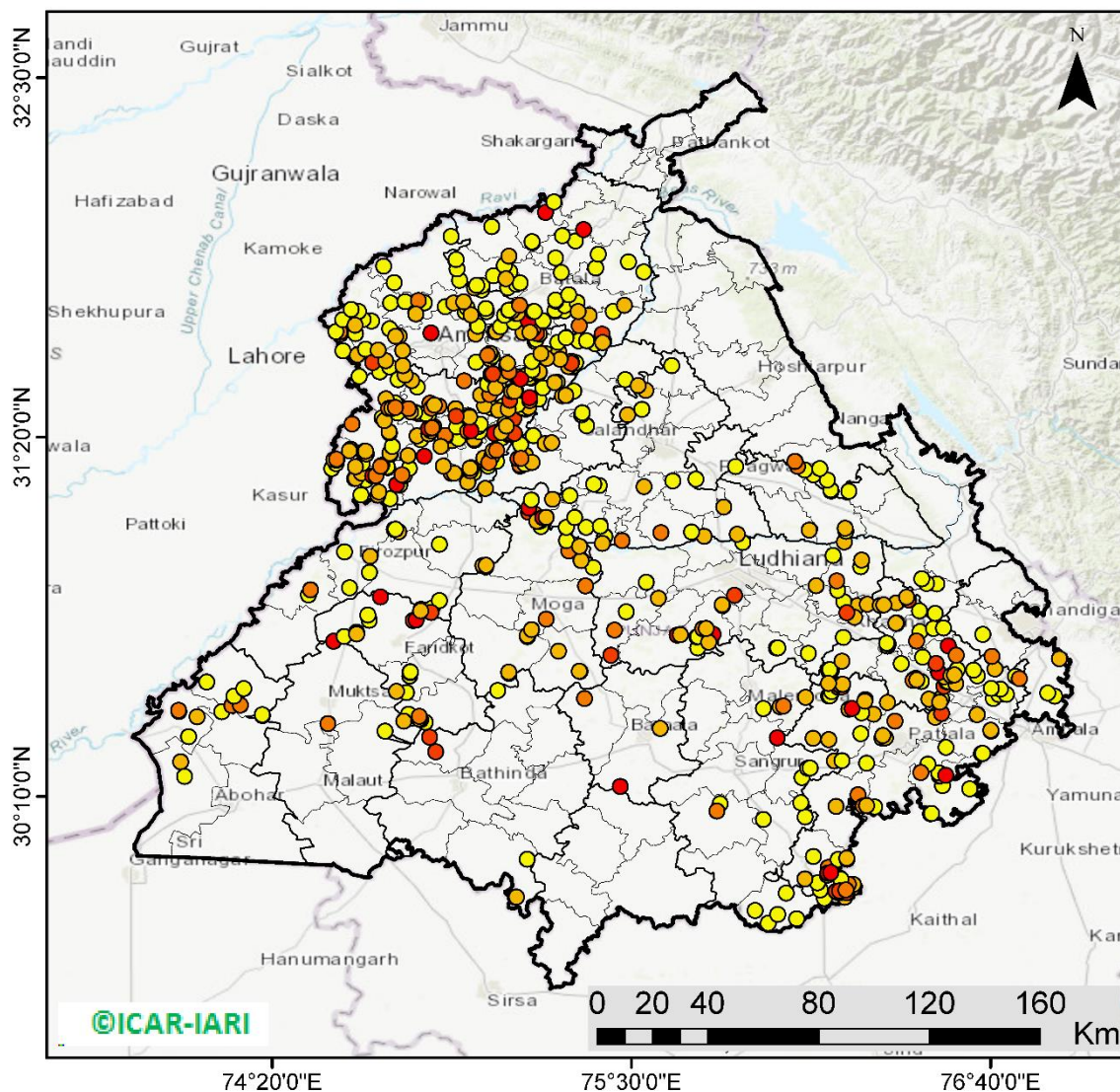






Punjab

RICE RESIDUE BURNING IN PUNJAB



660 burning events detected in Punjab on 15th October 2021

Fire Intensity (W/m²)

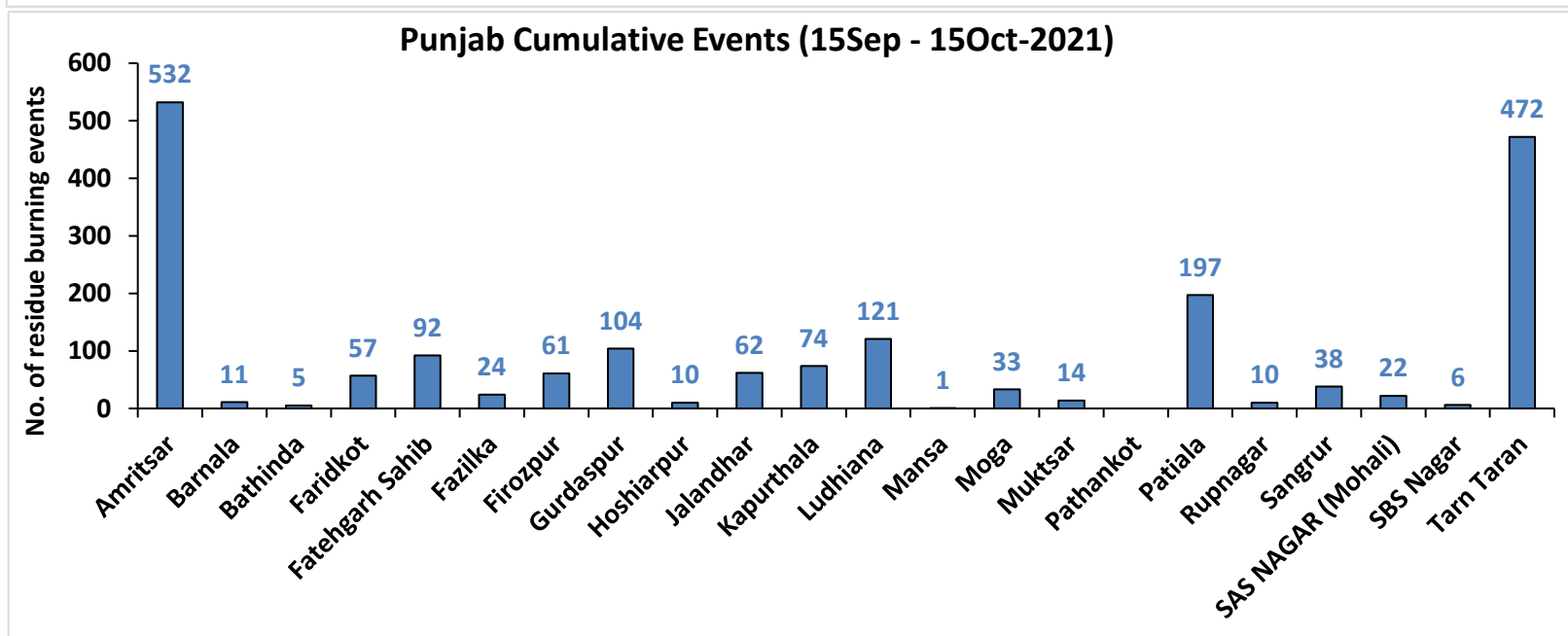
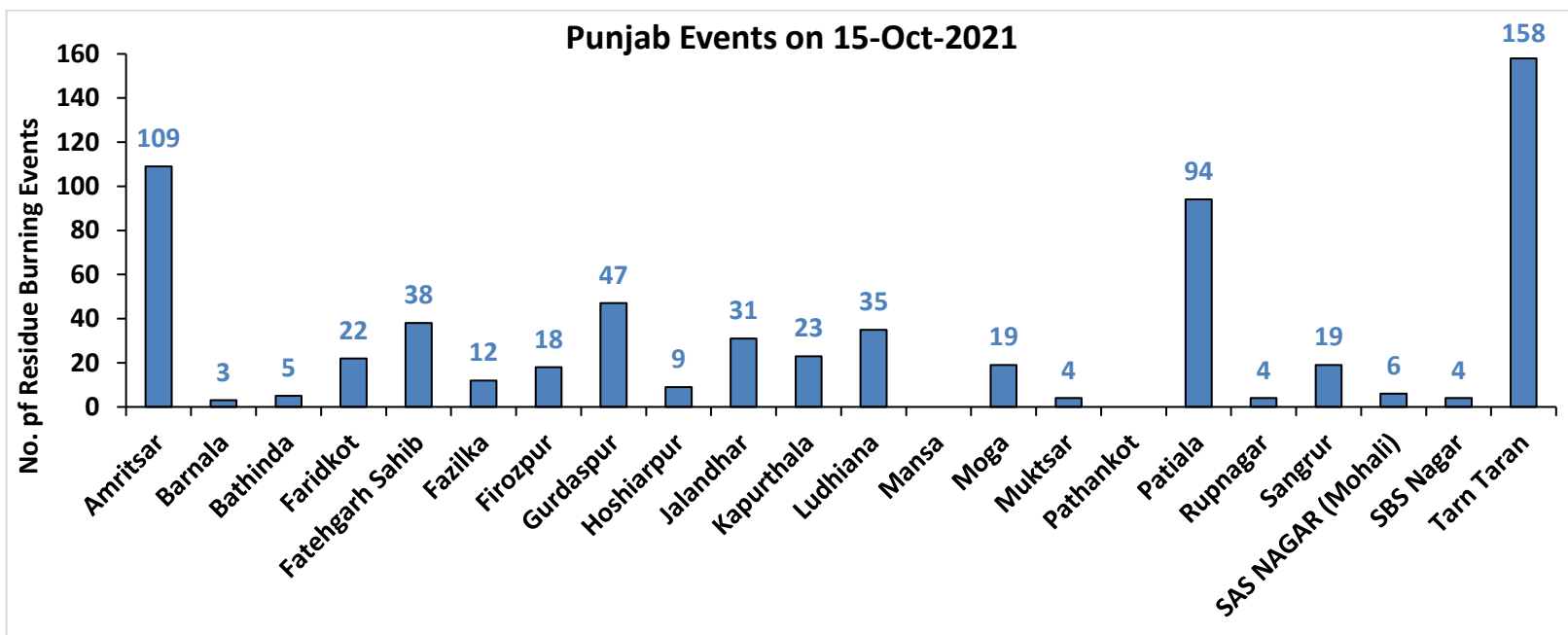
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

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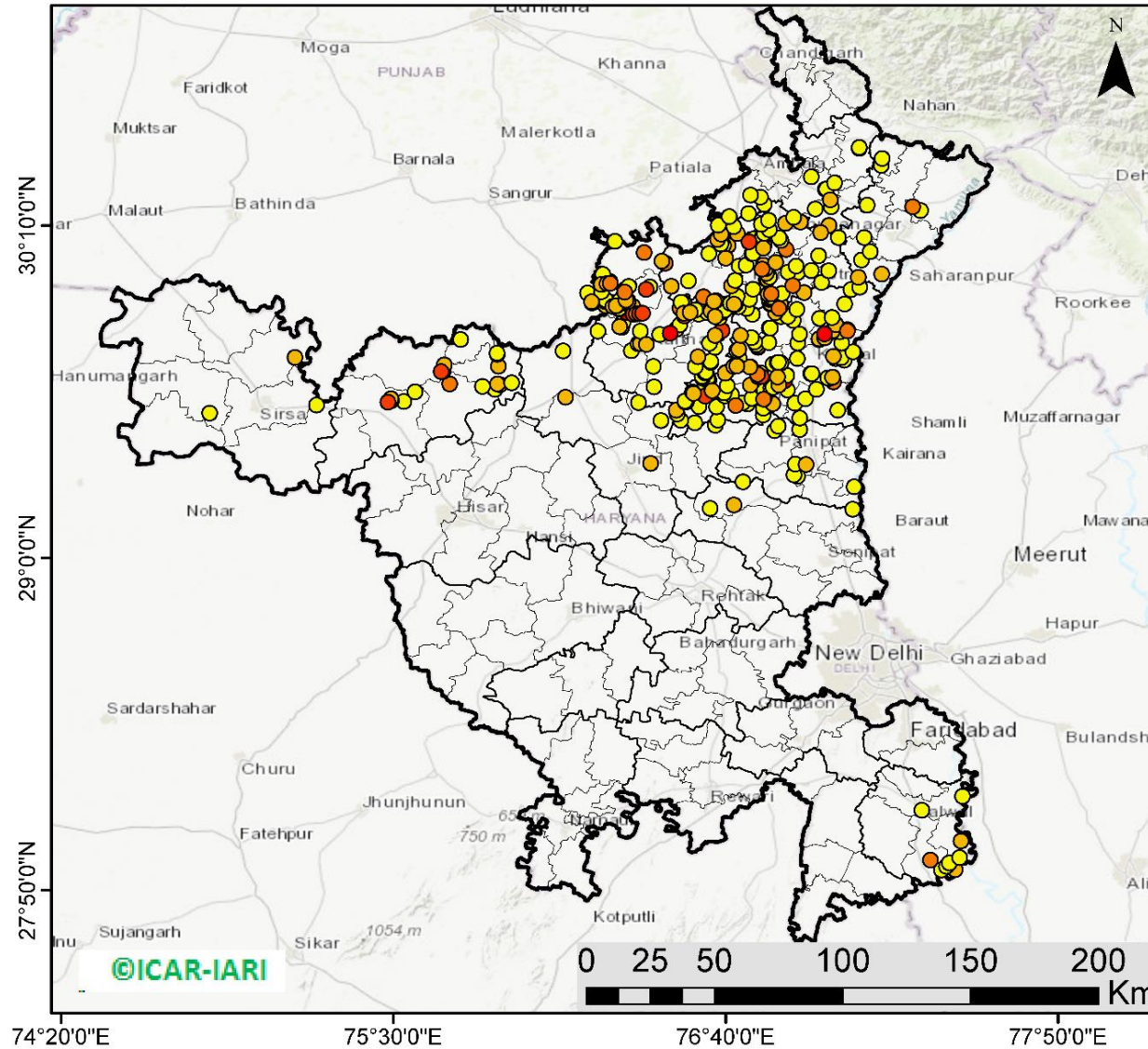
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

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



Haryana

RICE RESIDUE BURNING IN HARYANA



363 burning events detected in Haryana on 15th October 2021

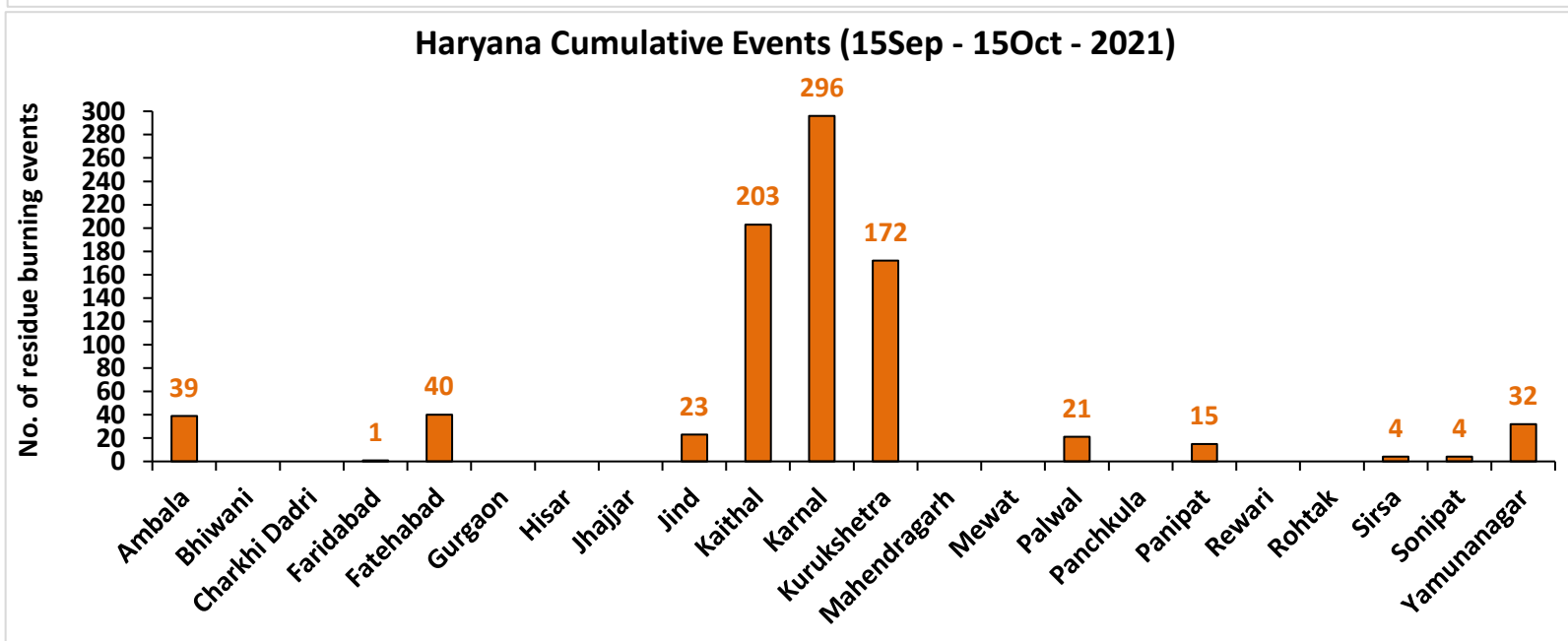
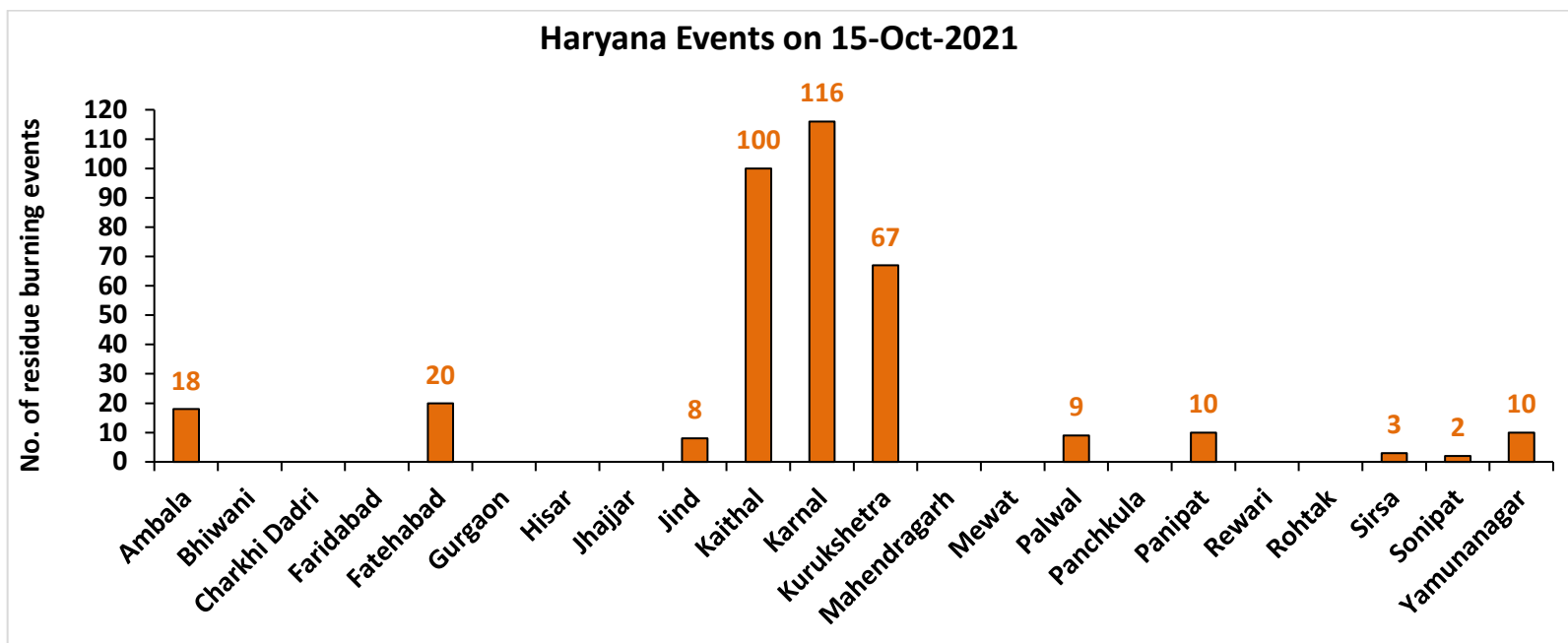
Fire Intensity (W/m²)

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



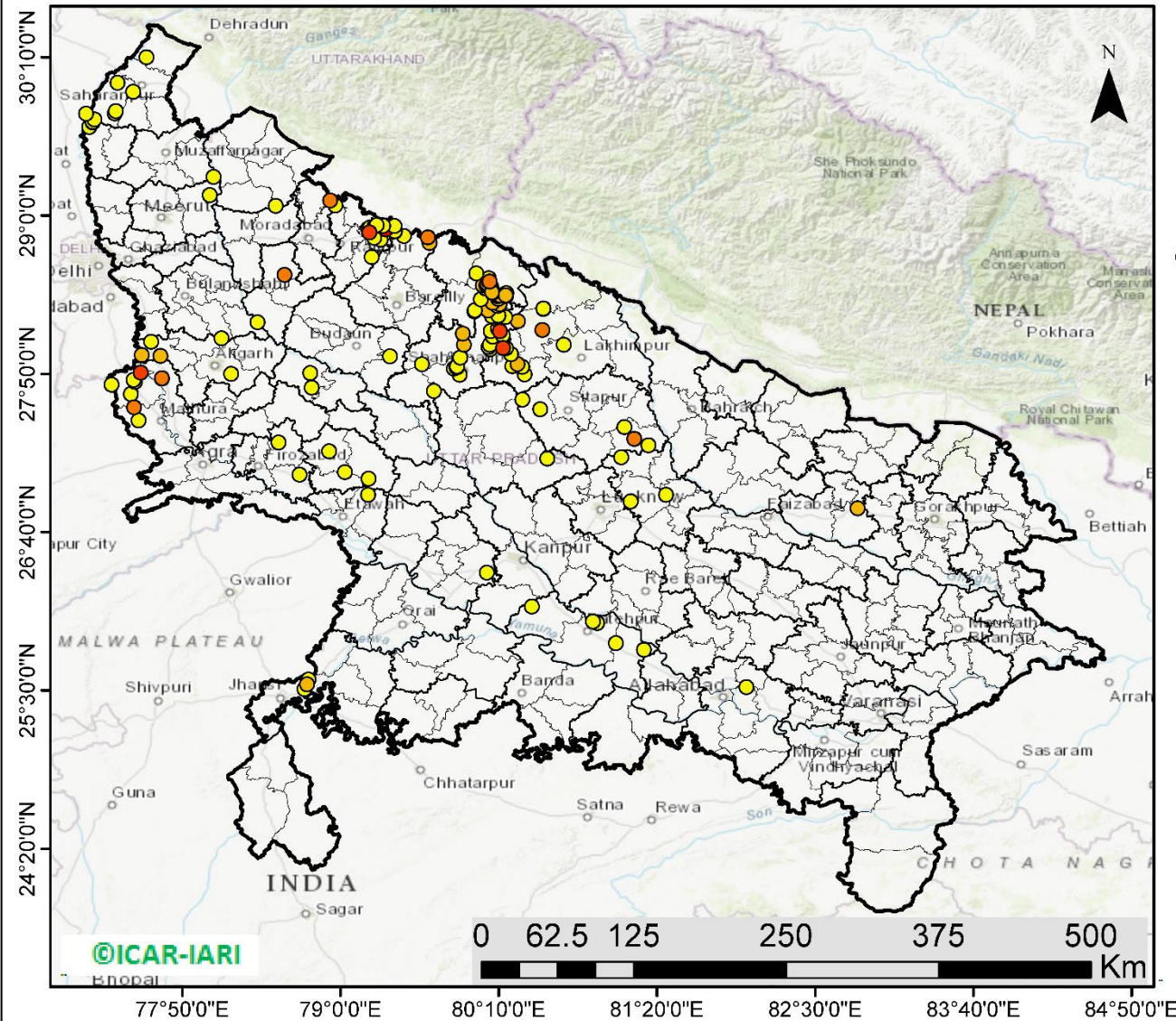
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

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



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



149 burning events detected in Uttar Pradesh on **15th October 2021**

Fire Intensity (W/m²)

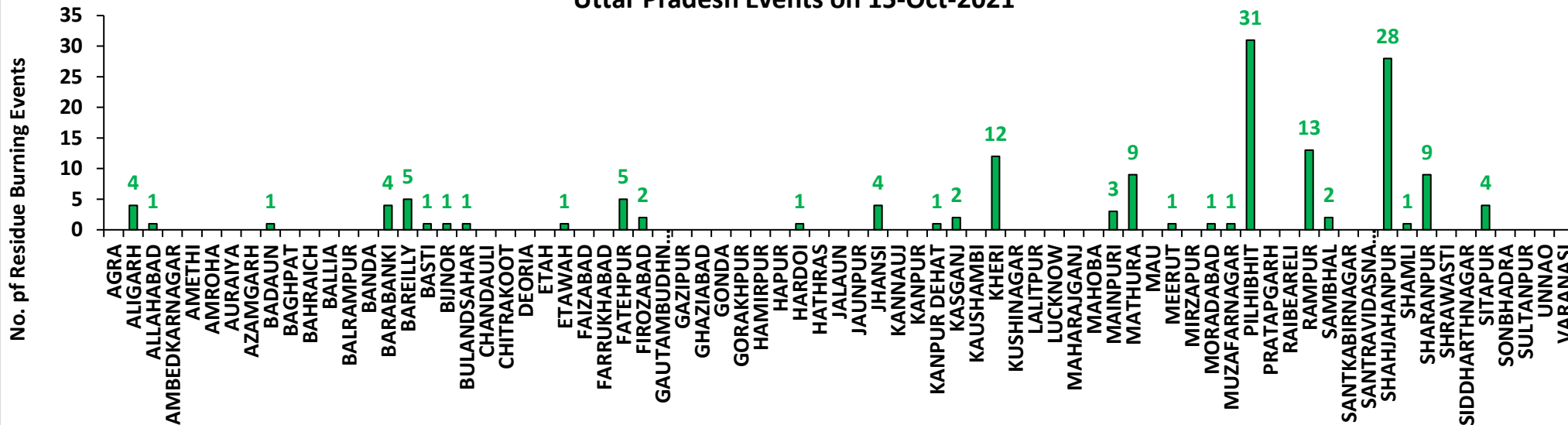
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



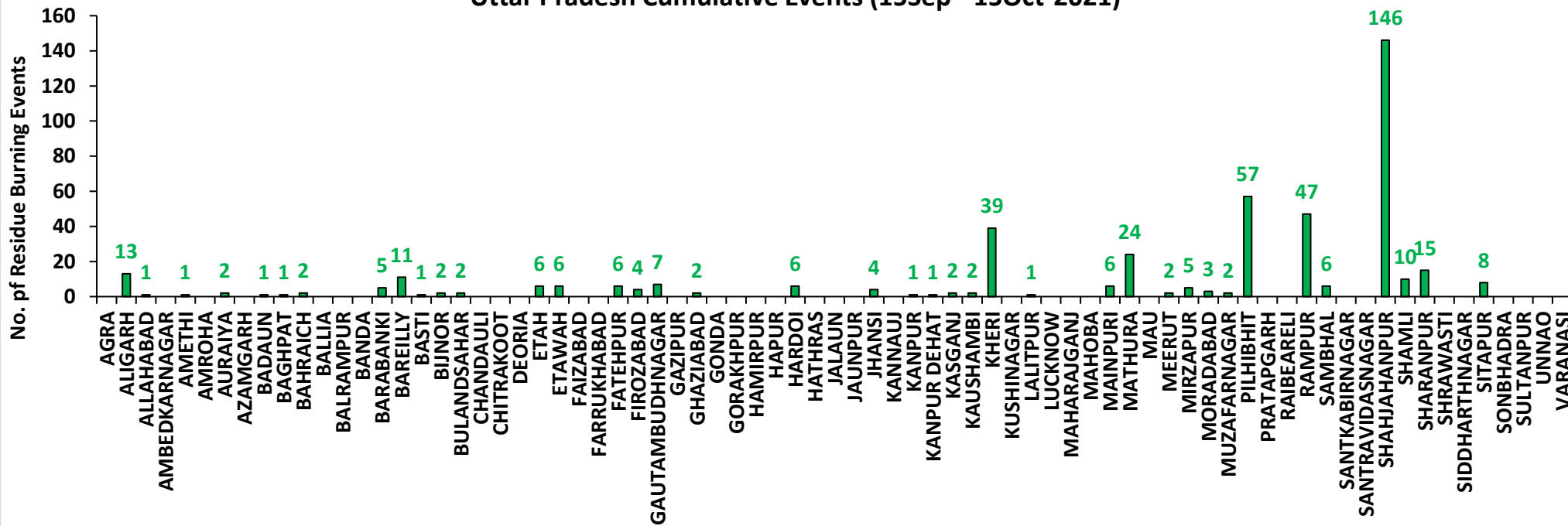
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

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

Uttar Pradesh Events on 15-Oct-2021

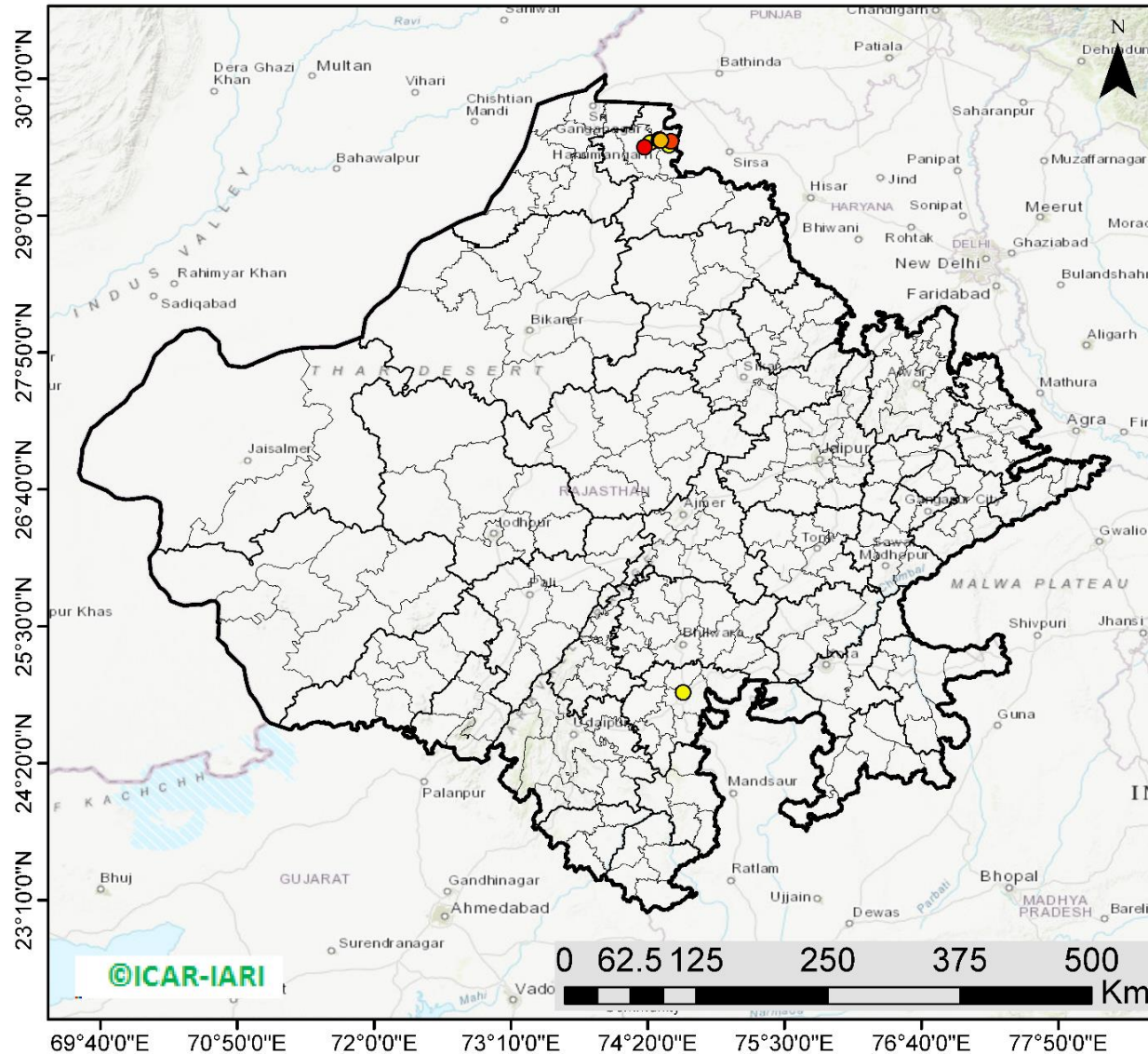


Uttar Pradesh Cumulative Events (15Sep - 15Oct-2021)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



08 burning events detected in Rajasthan on **15th October 2021**

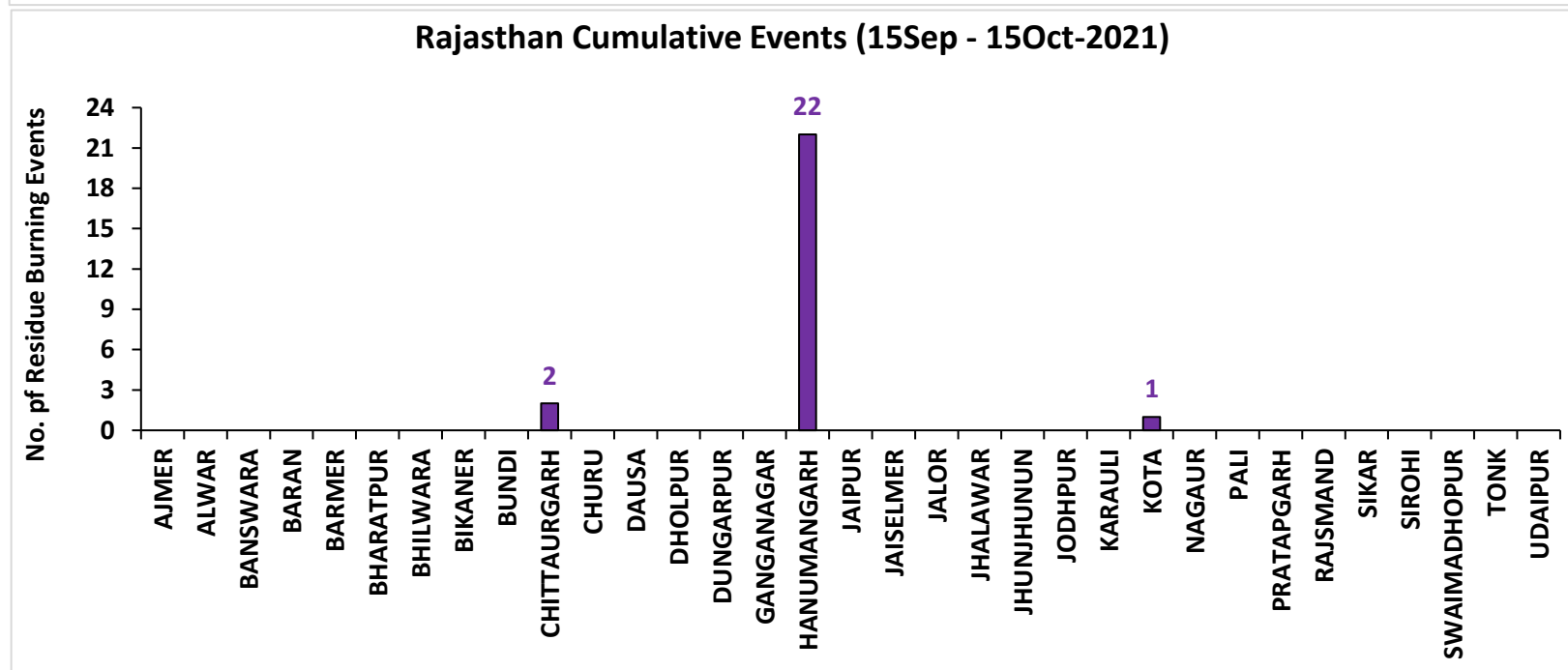
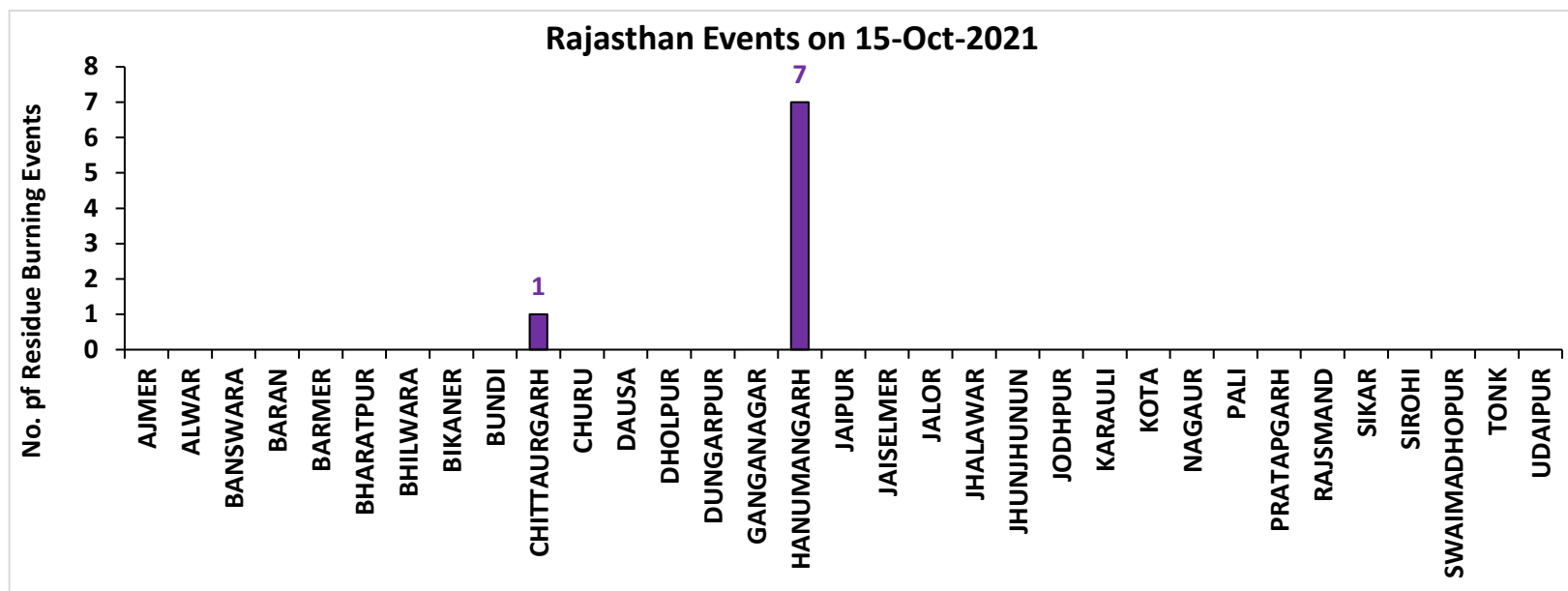
Fire Intensity (W/m²)

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



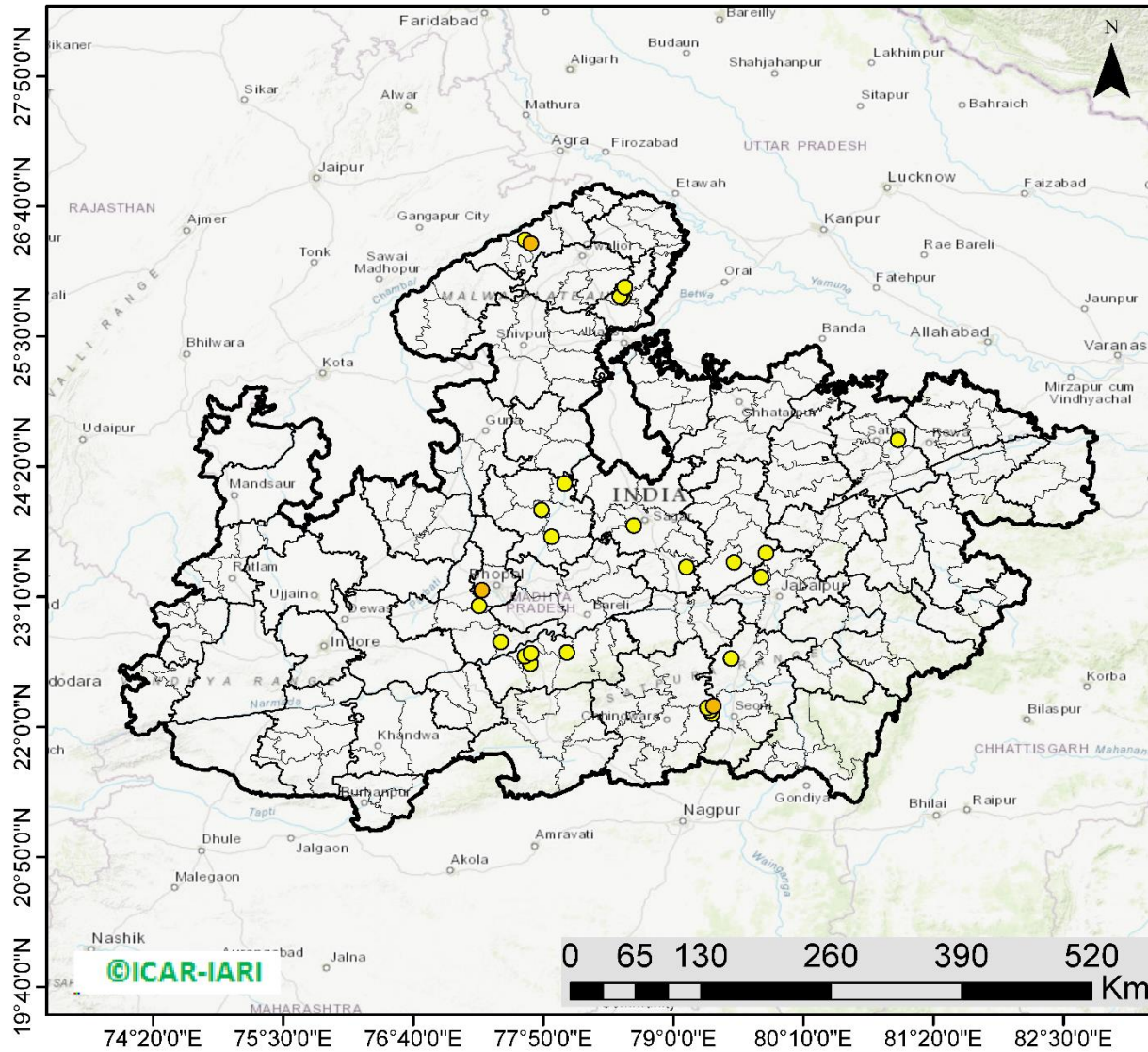
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

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



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



27 burning events detected in MP on 15th October 2021

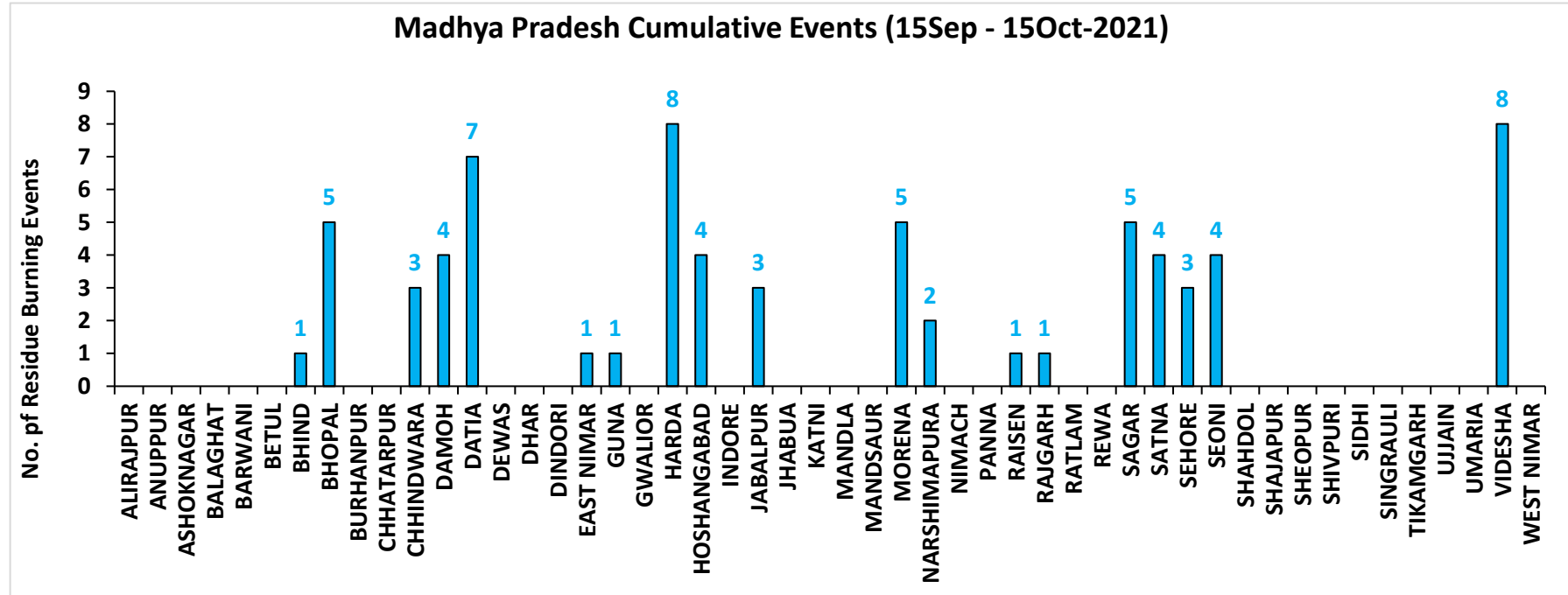
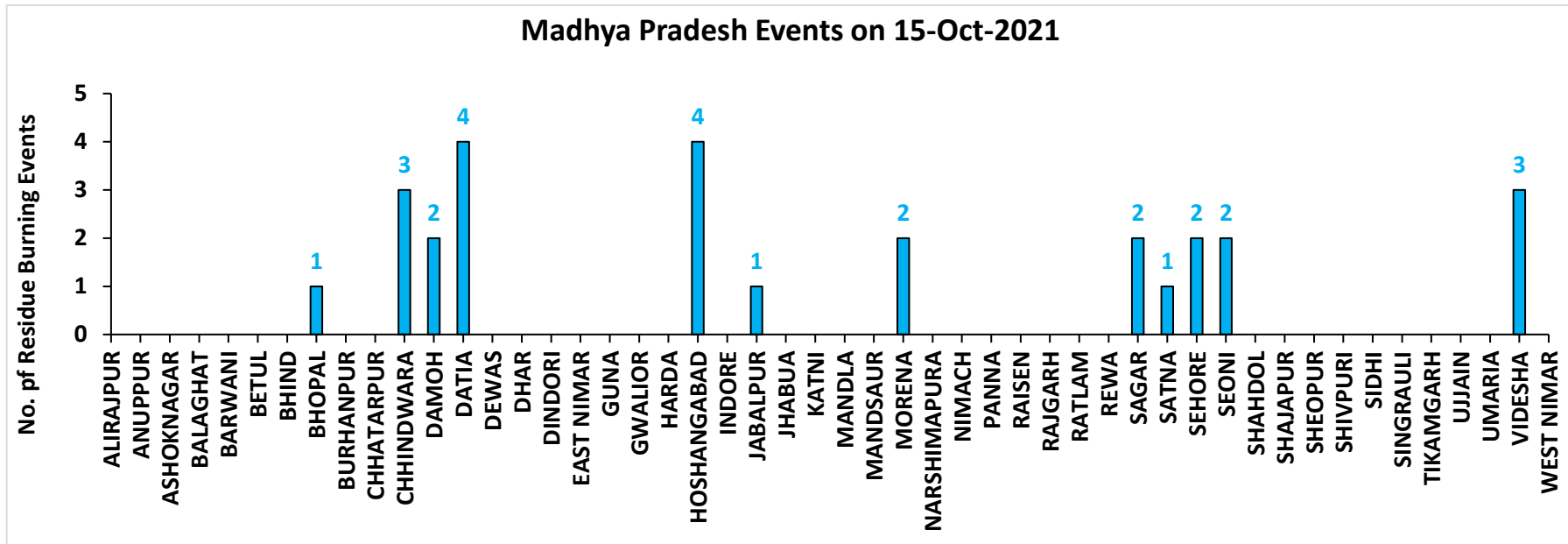
Fire Intensity (W/m²)

- 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 - 15 Oct-2021)



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

(a) Punjab

District	15 Sep – 15 Oct	
	2020	2021
AMRITSAR	1699	532
BARNALA	18	11
BATHINDA	33	5
FARIDKOT	107	57
FATEHGARH SAHIB	84	92
FAZILKA	21	24
FIROZPUR	270	61
GURDASPUR	276	104
HOSHIARPUR	28	10
JALANDHAR	80	62
KAPURTHALA	145	74
LUDHIANA	118	121
MANSA	33	1
MOGA	37	33
MUKTSAR	16	14
PATHANKOT	0	0
PATIALA	412	197
RUPNAGAR	12	10
SANGRUR	107	38
SAS NAGAR (MOHALI)	29	22
SBS NAGAR	11	6
TARN TARAN	1129	472
Total	4665	1946

(b) Haryana

District	15 Sep – 15 Oct	
	2020	2021
AMBALA	86	39
BHIWANI	0	0
CHARKHI DADRI	0	0
FARIDABAD	0	1
FATEHABAD	41	40
GURGAON	0	0
HISAR	6	0
JHAJJAR	1	0
JIND	20	23
KAITHAL	115	203
KARNAL	214	296
KURUKSHETRA	151	172
MAHENDRAGARH	0	0
MEWAT	0	0
PALWAL	6	21
PANCHKULA	0	0
PANIPAT	7	15
REWARI	0	0
ROHTAK	0	0
SIRSA	7	4
SONIPAT	9	4
YAMUNANAGAR	39	32
Total	702	850

(c) Uttar Pradesh

District	15 Sep – 15 Oct							
	2020	2021	GAUTAMBUDHNAGAR	1	7	MUZAFARNAGAR	2	2
AGRA	1	0	GAZIPUR	0	0	PILHIBHIT	5	57
ALIGARH	24	13	GHAZIABAD	1	2	PRATAPGARH	0	0
ALLAHABAD	0	1	GONDA	0	0	RAIBEARELI	1	0
AMBEDKARNAGAR	0	0	GORAKHPUR	0	0	RAMPUR	17	47
AMETHI	0	1	HAMIRPUR	1	0	SAMBHAL	6	6
AMROHA	1	0	HAPUR	3	0	SANTKABIRNAGAR	0	0
AURAIYA	16	2	HARDOI	6	6	SANTRAVIDASNAGAR	0	0
AZAMGARH	0	0	HATHRAS	0	0	SHAHJAHANPUR	36	146
BADAUN	0	1	JALAUN	0	0	SHAMLI	18	10
BAGHPAT	2	1	JAUNPUR	0	0	SHARANPUR	18	15
BAHRAICH	2	2	JHANSI	6	4	SHRAWASTI	2	0
BALLIA	0	0	KANNAUJ	3	0	SIDDHARTHANAGAR	0	0
BALRAMPUR	0	0	KANPUR	0	1	SITAPUR	9	8
BANDA	0	0	KANPUR DEHAT	3	1	SONBHADRA	0	0
BARABANKI	10	5	KASGANJ	1	2	SULTANPUR	0	0
BAREILLY	10	11	KAUSHAMBI	7	2	UNNAO	4	0
BASTI	2	1	KHERI	30	39	VARANASI	0	0
BIJNOR	4	2	KUSHINAGAR	0	0	Total	320	460
BULANDSAHAR	6	2	LALITPUR	0	1			
CHANDAULI	0	0	LUCKNOW	2	0			
CHITRAKOOT	0	0	MAHARAJGANJ	0	0			
DEORIA	0	0	MAHOPA	1	0			
ETAH	4	6	MAINPURI	4	6			
ETAWAH	2	6	MATHURA	14	24			
FAIZABAD	1	0	MAU	0	0			
FARRUKHABAD	0	0	MEERUT	9	2			
FATEHPUR	14	6	MIRZAPUR	5	5			
FIROZABAD	4	4	MORADABAD	2	3			

(d) Delhi

District	15 Sep – 15 Oct	
	2020	2021
CENTRAL	0	0
EAST	0	0
NEW DELHI	0	0
NORTH	2	0
NORTH EAST	0	0
NORTH WEST DELHI	0	0
SHAHADRA	0	0
SOUTH	1	0
SOUTH EAST	0	0
SOUTH WEST DELHI	0	0
WEST DELHI	0	0
Total	3	0

(e) Rajasthan

District	15 Sep – 15 Oct	
	2020	2021
AJMER	0	0
ALWAR	1	0
BANSWARA	0	0
BARAN	81	0
BARMER	2	0
BHARATPUR	0	0
BHILWARA	2	0
BIKANER	1	0
BUNDI	4	0
CHITTAURGARH	0	2
CHURU	0	0
DAUSA	0	0
DHOLPUR	0	0
DUNGARPUR	0	0
GANGANAGAR	2	0
HANUMANGARH	74	22
JAIPUR	0	0
JAISELMER	2	0
JALOR	0	0
JHALAWAR	1	0
JHUNJHUNUN	1	0
JODHPUR	1	0
KARALI	1	0
KOTA	23	1
NAGAUR	0	0
PALI	1	0
PRATAPGARH	0	0
RAJSMAND	0	0
SIKAR	0	0
SIROHI	1	0
SWAIMADHOPUR	3	0
TONK	1	0
UDAIPUR	0	0
Total	202	25

(f) Madhya Pradesh

District	15 Sep – 15 Oct				
	2020	2021			
			PANNA	2	0
ALIRAJPUR	0	0	RAISEN	10	1
ANUPPUR	0	0	RAJGARH	7	1
ASHOKNAGAR	9	0	RATLAM	0	0
BALAGHAT	0	0	REWA	3	0
BARWANI	0	0	SAGAR	13	5
BETUL	0	0	SATNA	3	4
BHIND	2	1	SEHORE	5	3
BHOPAL	6	5	SEONI	9	4
BURHANPUR	0	0	SHAHDOL	0	0
CHHATARPUR	4	0	SHAJAPUR	5	0
CHHINDWARA	0	3	SHEOPUR	6	0
DAMOH	15	4	SHIVPURI	5	0
DATIA	31	7	SIDHI	0	0
DEWAS	3	0	SINGRAULI	0	0
DHAR	19	0	TIKAMGARH	1	0
DINDORI	0	0	UJJAIN	5	0
EAST NIMAR	2	1	UMARIA	0	0
GUNA	15	1	VIDESHA	51	8
GWALIOR	21	0	WEST NIMAR	2	0
HARDA	8	8	Total	298	70
HOSHANGABAD	9	4			
INDORE	2	0			
JABALPUR	6	3			
JHABUA	0	0			
KATNI	0	0			
MANDLA	0	0			
MANDSAUR	3	0			
MORENA	14	5			
NARSHIMAPURA	2	2			
NIMACH	0	0			

State-wise and date-wise number of paddy residue burning events detected in 2020 and 2021
(Period: 15 September – 15 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	1
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
Total	4665	1946	702	850	320	460	3	0	202	25	298	61

Details of residue burning events in Punjab on 15-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	AMRITSAR	AJNALA	S-NPP	31.83430	74.72980	10/15/2021	13:23:10	D	2.40
2	AMRITSAR	AJNALA	S-NPP	31.84200	74.94220	10/15/2021	13:23:10	D	4.00
3	AMRITSAR	AJNALA	S-NPP	31.88800	74.69550	10/15/2021	13:23:10	D	3.30
4	AMRITSAR	AJNALA	S-NPP	31.98430	74.91480	10/15/2021	13:23:10	D	2.00
5	AMRITSAR	ATTARI	S-NPP	31.53020	74.61590	10/15/2021	13:23:10	D	3.70
6	AMRITSAR	ATTARI	S-NPP	31.56090	74.71490	10/15/2021	13:23:10	D	3.20
7	AMRITSAR	ATTARI	S-NPP	31.56460	74.75800	10/15/2021	13:23:10	D	5.20
8	AMRITSAR	ATTARI	S-NPP	31.59970	74.61040	10/15/2021	13:23:10	D	5.60
9	AMRITSAR	ATTARI	S-NPP	31.60360	74.65370	10/15/2021	13:23:10	D	9.20
10	AMRITSAR	ATTARI	S-NPP	31.61280	74.56300	10/15/2021	13:23:10	D	1.50
11	AMRITSAR	ATTARI	S-NPP	31.61830	74.63710	10/15/2021	13:23:10	D	2.40
12	AMRITSAR	ATTARI	AQUA	31.57500	74.66000	10/15/2021	13:44:26	D	15.60
13	AMRITSAR	ATTARI	AQUA	31.58100	74.70200	10/15/2021	13:44:26	D	5.70
14	AMRITSAR	ATTARI	AQUA	31.61500	74.67800	10/15/2021	13:44:26	D	5.30
15	AMRITSAR	CHOGAWAN	S-NPP	31.66120	74.74630	10/15/2021	13:23:10	D	5.40
16	AMRITSAR	CHOGAWAN	S-NPP	31.66750	74.55540	10/15/2021	13:23:10	D	2.90
17	AMRITSAR	CHOGAWAN	S-NPP	31.66880	74.60390	10/15/2021	13:23:10	D	2.40
18	AMRITSAR	CHOGAWAN	S-NPP	31.67430	74.55380	10/15/2021	13:23:10	D	12.50
19	AMRITSAR	CHOGAWAN	S-NPP	31.67550	74.54020	10/15/2021	13:23:10	D	2.30
20	AMRITSAR	CHOGAWAN	S-NPP	31.68420	74.71510	10/15/2021	13:23:10	D	3.40
21	AMRITSAR	CHOGAWAN	S-NPP	31.70930	74.65650	10/15/2021	13:23:10	D	3.30
22	AMRITSAR	CHOGAWAN	S-NPP	31.71440	74.56230	10/15/2021	13:23:10	D	2.10
23	AMRITSAR	CHOGAWAN	S-NPP	31.71510	74.62860	10/15/2021	13:23:10	D	3.70
24	AMRITSAR	CHOGAWAN	S-NPP	31.74070	74.61390	10/15/2021	13:23:10	D	3.20
25	AMRITSAR	CHOGAWAN	S-NPP	31.74720	74.59020	10/15/2021	13:23:10	D	2.60
26	AMRITSAR	CHOGAWAN	AQUA	31.66000	74.73400	10/15/2021	13:44:26	D	6.40
27	AMRITSAR	CHOGAWAN	AQUA	31.69600	74.60300	10/15/2021	13:44:26	D	5.70
28	AMRITSAR	HARSHA CHHINA	S-NPP	31.73690	74.79970	10/15/2021	13:23:10	D	4.50
29	AMRITSAR	HARSHA CHHINA	S-NPP	31.76860	74.71780	10/15/2021	13:23:10	D	1.50

30	AMRITSAR	HARSHA CHHINA	S-NPP	31.76940	74.82730	10/15/2021	13:23:10	D	2.80
31	AMRITSAR	HARSHA CHHINA	S-NPP	31.77300	74.76510	10/15/2021	13:23:10	D	3.10
32	AMRITSAR	HARSHA CHHINA	S-NPP	31.77670	74.80810	10/15/2021	13:23:10	D	13.00
33	AMRITSAR	HARSHA CHHINA	AQUA	31.73300	74.80000	10/15/2021	13:44:26	D	8.50
34	AMRITSAR	JANDIALA GURU	S-NPP	31.53560	75.04370	10/15/2021	13:23:10	D	3.90
35	AMRITSAR	JANDIALA GURU	S-NPP	31.53630	75.04790	10/15/2021	13:23:10	D	3.90
36	AMRITSAR	JANDIALA GURU	S-NPP	31.56130	75.09420	10/15/2021	13:23:10	D	4.50
37	AMRITSAR	JANDIALA GURU	S-NPP	31.57620	74.99560	10/15/2021	13:23:10	D	2.40
38	AMRITSAR	JANDIALA GURU	S-NPP	31.58720	75.04080	10/15/2021	13:23:10	D	7.00
39	AMRITSAR	JANDIALA GURU	S-NPP	31.59530	75.04760	10/15/2021	13:23:10	D	2.20
40	AMRITSAR	JANDIALA GURU	S-NPP	31.60460	75.04120	10/15/2021	13:23:10	D	6.50
41	AMRITSAR	JANDIALA GURU	AQUA	31.51600	74.95700	10/15/2021	13:44:26	D	14.80
42	AMRITSAR	JANDIALA GURU	AQUA	31.53300	75.08300	10/15/2021	13:44:26	D	5.30
43	AMRITSAR	JANDIALA GURU	AQUA	31.53800	75.05000	10/15/2021	13:44:26	D	17.20
44	AMRITSAR	JANDIALA GURU	AQUA	31.54500	75.10300	10/15/2021	13:44:26	D	13.80
45	AMRITSAR	JANDIALA GURU	AQUA	31.57200	75.09800	10/15/2021	13:44:26	D	7.00
46	AMRITSAR	JANDIALA GURU	AQUA	31.59900	75.03300	10/15/2021	13:44:26	D	11.20
47	AMRITSAR	MAJITHA	S-NPP	31.69140	75.07490	10/15/2021	13:23:10	D	3.80
48	AMRITSAR	MAJITHA	S-NPP	31.69310	75.00100	10/15/2021	13:23:10	D	3.30
49	AMRITSAR	MAJITHA	S-NPP	31.70560	75.11920	10/15/2021	13:23:10	D	2.60
50	AMRITSAR	MAJITHA	S-NPP	31.72830	75.08820	10/15/2021	13:23:10	D	1.50
51	AMRITSAR	MAJITHA	S-NPP	31.73480	74.97460	10/15/2021	13:23:10	D	4.40
52	AMRITSAR	MAJITHA	S-NPP	31.73940	74.96050	10/15/2021	13:23:10	D	2.30
53	AMRITSAR	MAJITHA	S-NPP	31.74050	75.02960	10/15/2021	13:23:10	D	3.10
54	AMRITSAR	MAJITHA	S-NPP	31.74240	75.11090	10/15/2021	13:23:10	D	5.20
55	AMRITSAR	MAJITHA	S-NPP	31.74440	75.10190	10/15/2021	13:23:10	D	1.90
56	AMRITSAR	MAJITHA	S-NPP	31.74560	75.10200	10/15/2021	13:23:10	D	2.40
57	AMRITSAR	MAJITHA	S-NPP	31.75050	75.02740	10/15/2021	13:23:10	D	2.00
58	AMRITSAR	MAJITHA	S-NPP	31.75420	74.96580	10/15/2021	13:23:10	D	3.50
59	AMRITSAR	MAJITHA	S-NPP	31.75640	74.89570	10/15/2021	13:23:10	D	2.80
60	AMRITSAR	MAJITHA	S-NPP	31.81070	75.01380	10/15/2021	13:23:10	D	3.70
61	AMRITSAR	MAJITHA	S-NPP	31.81730	74.99060	10/15/2021	13:23:10	D	9.20
62	AMRITSAR	MAJITHA	S-NPP	31.82540	74.99740	10/15/2021	13:23:10	D	3.70

63	AMRITSAR	MAJITHA	AQUA	31.73000	74.97900	10/15/2021	13:44:26	D	7.50
64	AMRITSAR	MAJITHA	AQUA	31.76800	74.92300	10/15/2021	13:44:26	D	8.20
65	AMRITSAR	MAJITHA	AQUA	31.77200	74.95500	10/15/2021	13:44:26	D	5.70
66	AMRITSAR	RAYYA	S-NPP	31.51130	75.25980	10/15/2021	13:23:10	D	4.00
67	AMRITSAR	RAYYA	S-NPP	31.52760	75.12710	10/15/2021	13:23:10	D	2.00
68	AMRITSAR	RAYYA	S-NPP	31.52770	75.17020	10/15/2021	13:23:10	D	2.20
69	AMRITSAR	RAYYA	S-NPP	31.52830	75.13130	10/15/2021	13:23:10	D	2.70
70	AMRITSAR	RAYYA	S-NPP	31.53710	75.16380	10/15/2021	13:23:10	D	2.90
71	AMRITSAR	RAYYA	S-NPP	31.53920	75.19770	10/15/2021	13:23:10	D	3.70
72	AMRITSAR	RAYYA	S-NPP	31.54320	75.20110	10/15/2021	13:23:10	D	3.70
73	AMRITSAR	RAYYA	S-NPP	31.54450	75.20140	10/15/2021	13:23:10	D	8.90
74	AMRITSAR	RAYYA	S-NPP	31.55100	75.17840	10/15/2021	13:23:10	D	2.80
75	AMRITSAR	RAYYA	S-NPP	31.56070	75.30870	10/15/2021	13:23:10	D	2.00
76	AMRITSAR	RAYYA	S-NPP	31.56220	75.30890	10/15/2021	13:23:10	D	3.00
77	AMRITSAR	RAYYA	S-NPP	31.57420	75.31910	10/15/2021	13:23:10	D	3.90
78	AMRITSAR	RAYYA	S-NPP	31.57680	75.29280	10/15/2021	13:23:10	D	4.60
79	AMRITSAR	RAYYA	S-NPP	31.57890	75.30520	10/15/2021	13:23:10	D	5.50
80	AMRITSAR	RAYYA	S-NPP	31.58680	75.26920	10/15/2021	13:23:10	D	1.60
81	AMRITSAR	RAYYA	S-NPP	31.60330	75.22260	10/15/2021	13:23:10	D	2.60
82	AMRITSAR	RAYYA	S-NPP	31.61010	75.26400	10/15/2021	13:23:10	D	7.30
83	AMRITSAR	RAYYA	S-NPP	31.64080	75.26140	10/15/2021	13:23:10	D	1.50
84	AMRITSAR	RAYYA	S-NPP	31.65550	75.28810	10/15/2021	13:23:10	D	3.00
85	AMRITSAR	RAYYA	S-NPP	31.66720	75.20100	10/15/2021	13:23:10	D	5.70
86	AMRITSAR	RAYYA	AQUA	31.51000	75.25100	10/15/2021	13:44:26	D	5.80
87	AMRITSAR	RAYYA	AQUA	31.52200	75.14000	10/15/2021	13:44:26	D	23.10
88	AMRITSAR	RAYYA	AQUA	31.56200	75.29600	10/15/2021	13:44:26	D	8.30
89	AMRITSAR	RAYYA	AQUA	31.57200	75.30500	10/15/2021	13:44:26	D	17.00
90	AMRITSAR	RAYYA	AQUA	31.58600	75.26900	10/15/2021	13:44:26	D	8.70
91	AMRITSAR	RAYYA	AQUA	31.58900	75.22500	10/15/2021	13:44:26	D	5.90
92	AMRITSAR	RAYYA	AQUA	31.60400	75.20600	10/15/2021	13:44:26	D	7.00
93	AMRITSAR	TARSIKKA	S-NPP	31.57840	75.17660	10/15/2021	13:23:10	D	3.30
94	AMRITSAR	TARSIKKA	S-NPP	31.64260	75.18800	10/15/2021	13:23:10	D	5.70
95	AMRITSAR	TARSIKKA	S-NPP	31.64990	75.19070	10/15/2021	13:23:10	D	2.40

96	AMRITSAR	TARSIKKA	S-NPP	31.66920	75.19200	10/15/2021	13:23:10	D	15.10
97	AMRITSAR	TARSIKKA	S-NPP	31.67230	75.14820	10/15/2021	13:23:10	D	8.50
98	AMRITSAR	TARSIKKA	S-NPP	31.67460	75.05710	10/15/2021	13:23:10	D	6.30
99	AMRITSAR	TARSIKKA	S-NPP	31.67530	75.06130	10/15/2021	13:23:10	D	6.30
100	AMRITSAR	TARSIKKA	S-NPP	31.68450	75.18000	10/15/2021	13:23:10	D	14.00
101	AMRITSAR	TARSIKKA	S-NPP	31.70980	75.16570	10/15/2021	13:23:10	D	29.30
102	AMRITSAR	TARSIKKA	S-NPP	31.73440	75.12570	10/15/2021	13:23:10	D	5.70
103	AMRITSAR	TARSIKKA	S-NPP	31.73510	75.12980	10/15/2021	13:23:10	D	7.20
104	AMRITSAR	TARSIKKA	S-NPP	31.73990	75.18040	10/15/2021	13:23:10	D	2.20
105	AMRITSAR	TARSIKKA	S-NPP	31.74060	75.18460	10/15/2021	13:23:10	D	2.20
106	AMRITSAR	TARSIKKA	AQUA	31.67300	75.17100	10/15/2021	13:44:26	D	6.60
107	AMRITSAR	VERKA	S-NPP	31.61400	74.75710	10/15/2021	13:23:10	D	5.80
108	AMRITSAR	VERKA	S-NPP	31.66750	74.99370	10/15/2021	13:23:10	D	5.90
109	AMRITSAR	VERKA	S-NPP	31.67130	74.84910	10/15/2021	13:23:10	D	31.90
110	BARNALA	BARNALA	S-NPP	30.19880	75.46380	10/15/2021	13:23:10	D	31.90
111	BARNALA	BARNALA	S-NPP	30.38740	75.59380	10/15/2021	13:23:10	D	6.10
112	BARNALA	SEHNA	S-NPP	30.48450	75.34800	10/15/2021	13:23:10	D	14.50
113	BATHINDA	GONIANA MANDI	S-NPP	30.31200	74.86500	10/15/2021	13:23:10	D	18.60
114	BATHINDA	GONIANA MANDI	AQUA	30.35900	74.84500	10/15/2021	13:44:26	D	18.00
115	BATHINDA	TALWANDI SABO	S-NPP	29.83980	75.12300	10/15/2021	13:23:10	D	5.40
116	BATHINDA	TALWANDI SABO	S-NPP	29.84050	75.12720	10/15/2021	13:23:10	D	5.40
117	BATHINDA	TALWANDI SABO	S-NPP	29.96240	75.16190	10/15/2021	13:23:10	D	3.00
118	FARIDKOT	FARIDKOT	S-NPP	30.67010	74.53270	10/15/2021	13:23:10	D	23.50
119	FARIDKOT	FARIDKOT	S-NPP	30.68580	74.56670	10/15/2021	13:23:10	D	4.20
120	FARIDKOT	FARIDKOT	S-NPP	30.70000	74.60820	10/15/2021	13:23:10	D	3.40
121	FARIDKOT	FARIDKOT	S-NPP	30.73880	74.64840	10/15/2021	13:23:10	D	2.40
122	FARIDKOT	FARIDKOT	S-NPP	30.75580	74.64450	10/15/2021	13:23:10	D	3.90
123	FARIDKOT	FARIDKOT	AQUA	30.69400	74.60800	10/15/2021	13:44:26	D	8.20
124	FARIDKOT	FARIDKOT	AQUA	30.73800	74.79100	10/15/2021	13:44:26	D	19.30
125	FARIDKOT	FARIDKOT	AQUA	30.73900	74.80100	10/15/2021	13:44:26	D	44.60
126	FARIDKOT	FARIDKOT	AQUA	30.76300	74.83900	10/15/2021	13:44:26	D	52.60
127	FARIDKOT	FARIDKOT	AQUA	30.81400	74.68500	10/15/2021	13:44:26	D	23.90
128	FARIDKOT	JAITON	S-NPP	30.40770	74.83090	10/15/2021	13:23:10	D	4.20

129	FARIDKOT	JAITON	S-NPP	30.41570	74.81590	10/15/2021	13:23:10	D	20.90
130	FARIDKOT	JAITON	S-NPP	30.41840	74.81090	10/15/2021	13:23:10	D	7.80
131	FARIDKOT	JAITON	S-NPP	30.43370	74.77650	10/15/2021	13:23:10	D	3.80
132	FARIDKOT	JAITON	AQUA	30.41100	74.76100	10/15/2021	13:44:26	D	7.70
133	FARIDKOT	JAITON	AQUA	30.42700	74.81100	10/15/2021	13:44:26	D	11.40
134	FARIDKOT	KOT KAPURA	S-NPP	30.55750	74.78040	10/15/2021	13:23:10	D	1.80
135	FARIDKOT	KOT KAPURA	S-NPP	30.56840	74.78240	10/15/2021	13:23:10	D	5.50
136	FARIDKOT	KOT KAPURA	S-NPP	30.57180	74.78160	10/15/2021	13:23:10	D	1.80
137	FARIDKOT	KOT KAPURA	AQUA	30.50400	74.77000	10/15/2021	13:44:26	D	4.20
138	FARIDKOT	KOT KAPURA	AQUA	30.50800	74.73700	10/15/2021	13:44:26	D	5.10
139	FARIDKOT	KOT KAPURA	AQUA	30.57100	74.78200	10/15/2021	13:44:26	D	3.40
140	FATEHGARH SAHIB	AMLOH	S-NPP	30.57390	76.14110	10/15/2021	13:23:10	D	8.30
141	FATEHGARH SAHIB	AMLOH	S-NPP	30.57460	76.14510	10/15/2021	13:23:10	D	5.40
142	FATEHGARH SAHIB	AMLOH	S-NPP	30.57520	76.14910	10/15/2021	13:23:10	D	5.40
143	FATEHGARH SAHIB	AMLOH	S-NPP	30.57730	76.14040	10/15/2021	13:23:10	D	4.30
144	FATEHGARH SAHIB	AMLOH	S-NPP	30.57790	76.14440	10/15/2021	13:23:10	D	3.60
145	FATEHGARH SAHIB	AMLOH	AQUA	30.53400	76.14000	10/15/2021	13:44:26	D	5.50
146	FATEHGARH SAHIB	AMLOH	AQUA	30.60600	76.18400	10/15/2021	13:44:26	D	5.80
147	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.65440	76.33160	10/15/2021	13:23:10	D	2.70
148	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.66160	76.33420	10/15/2021	13:23:10	D	5.30
149	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.66430	76.32950	10/15/2021	13:23:10	D	1.90
150	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70170	76.43750	10/15/2021	13:23:10	D	4.90
151	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71180	76.48080	10/15/2021	13:23:10	D	3.10
152	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71350	76.51350	10/15/2021	13:23:10	D	4.00
153	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.67100	76.42600	10/15/2021	13:44:26	D	15.00
154	FATEHGARH SAHIB	KHAMANON	S-NPP	30.72730	76.36180	10/15/2021	13:23:10	D	6.00
155	FATEHGARH SAHIB	KHAMANON	S-NPP	30.73060	76.36120	10/15/2021	13:23:10	D	6.00
156	FATEHGARH SAHIB	KHAMANON	S-NPP	30.76930	76.43610	10/15/2021	13:23:10	D	4.40
157	FATEHGARH SAHIB	KHAMANON	S-NPP	30.79030	76.26620	10/15/2021	13:23:10	D	6.70
158	FATEHGARH SAHIB	KHAMANON	S-NPP	30.79490	76.36050	10/15/2021	13:23:10	D	5.30
159	FATEHGARH SAHIB	KHAMANON	S-NPP	30.80450	76.39990	10/15/2021	13:23:10	D	18.70
160	FATEHGARH SAHIB	KHAMANON	S-NPP	30.81370	76.39380	10/15/2021	13:23:10	D	5.30
161	FATEHGARH SAHIB	KHAMANON	AQUA	30.72900	76.35900	10/15/2021	13:44:26	D	8.00

162	FATEHGARH SAHIB	KHAMANON	AQUA	30.78700	76.30900	10/15/2021	13:44:26	D	6.70
163	FATEHGARH SAHIB	KHAMANON	AQUA	30.78800	76.32000	10/15/2021	13:44:26	D	7.80
164	FATEHGARH SAHIB	KHERA	S-NPP	30.56880	76.49800	10/15/2021	13:23:10	D	35.50
165	FATEHGARH SAHIB	KHERA	S-NPP	30.57820	76.55790	10/15/2021	13:23:10	D	2.20
166	FATEHGARH SAHIB	KHERA	S-NPP	30.61870	76.44640	10/15/2021	13:23:10	D	2.90
167	FATEHGARH SAHIB	KHERA	S-NPP	30.65550	76.52950	10/15/2021	13:23:10	D	46.50
168	FATEHGARH SAHIB	KHERA	AQUA	30.55900	76.53800	10/15/2021	13:44:26	D	7.50
169	FATEHGARH SAHIB	KHERA	AQUA	30.59800	76.49000	10/15/2021	13:44:26	D	16.20
170	FATEHGARH SAHIB	KHERA	AQUA	30.62500	76.55500	10/15/2021	13:44:26	D	11.50
171	FATEHGARH SAHIB	SIRHIND	S-NPP	30.48240	76.46610	10/15/2021	13:23:10	D	5.10
172	FATEHGARH SAHIB	SIRHIND	S-NPP	30.53990	76.44170	10/15/2021	13:23:10	D	3.40
173	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54580	76.41620	10/15/2021	13:23:10	D	1.90
174	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55030	76.42340	10/15/2021	13:23:10	D	3.90
175	FATEHGARH SAHIB	SIRHIND	S-NPP	30.59750	76.37640	10/15/2021	13:23:10	D	3.30
176	FATEHGARH SAHIB	SIRHIND	AQUA	30.54300	76.41500	10/15/2021	13:44:26	D	13.80
177	FATEHGARH SAHIB	SIRHIND	AQUA	30.54500	76.42700	10/15/2021	13:44:26	D	6.90
178	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.44170	74.17020	10/15/2021	13:23:10	D	2.80
179	FAZILKA	FAZILKA	S-NPP	30.36050	74.06220	10/15/2021	13:23:10	D	3.80
180	FAZILKA	FAZILKA	S-NPP	30.44250	74.03050	10/15/2021	13:23:10	D	11.30
181	FAZILKA	FAZILKA	S-NPP	30.44590	74.02960	10/15/2021	13:23:10	D	11.30
182	FAZILKA	FAZILKA	AQUA	30.42500	74.09000	10/15/2021	13:44:26	D	9.00
183	FAZILKA	JALALABAD	S-NPP	30.46170	74.20240	10/15/2021	13:23:10	D	12.10
184	FAZILKA	JALALABAD	S-NPP	30.46290	74.22980	10/15/2021	13:23:10	D	11.50
185	FAZILKA	JALALABAD	S-NPP	30.49170	74.20930	10/15/2021	13:23:10	D	4.50
186	FAZILKA	JALALABAD	S-NPP	30.51620	74.24130	10/15/2021	13:23:10	D	2.90
187	FAZILKA	JALALABAD	S-NPP	30.53820	74.12090	10/15/2021	13:23:10	D	3.00
188	FAZILKA	KHUIAN SARWAR	S-NPP	30.23140	74.04900	10/15/2021	13:23:10	D	2.60
189	FAZILKA	KHUIAN SARWAR	AQUA	30.27900	74.03600	10/15/2021	13:44:26	D	10.00
190	FIROZPUR	FIROZPUR	S-NPP	30.84370	74.58510	10/15/2021	13:23:10	D	3.30
191	FIROZPUR	FIROZPUR	S-NPP	30.89350	74.64940	10/15/2021	13:23:10	D	3.00
192	FIROZPUR	FIROZPUR	S-NPP	30.94650	74.65160	10/15/2021	13:23:10	D	6.20
193	FIROZPUR	FIROZPUR	S-NPP	30.96060	74.56830	10/15/2021	13:23:10	D	2.80
194	FIROZPUR	FIROZPUR	S-NPP	31.02560	74.74430	10/15/2021	13:23:10	D	7.70

195	FIROZPUR	FIROZPUR	S-NPP	31.03340	74.72990	10/15/2021	13:23:10	D	2.40
196	FIROZPUR	FIROZPUR	S-NPP	31.03410	74.73420	10/15/2021	13:23:10	D	3.80
197	FIROZPUR	GHALL KHURD	S-NPP	30.77450	74.81730	10/15/2021	13:23:10	D	3.70
198	FIROZPUR	GHALL KHURD	S-NPP	30.77680	74.85190	10/15/2021	13:23:10	D	2.40
199	FIROZPUR	GHALL KHURD	S-NPP	30.80210	74.87700	10/15/2021	13:23:10	D	4.30
200	FIROZPUR	GHALL KHURD	AQUA	30.76400	74.84900	10/15/2021	13:44:26	D	15.30
201	FIROZPUR	GHALL KHURD	AQUA	30.76900	74.81600	10/15/2021	13:44:26	D	8.30
202	FIROZPUR	MAMDOT	S-NPP	30.82080	74.45130	10/15/2021	13:23:10	D	3.30
203	FIROZPUR	MAMDOT	AQUA	30.83700	74.45800	10/15/2021	13:44:26	D	11.80
204	FIROZPUR	ZIRA	S-NPP	30.91150	75.02760	10/15/2021	13:23:10	D	2.90
205	FIROZPUR	ZIRA	S-NPP	30.98470	74.87670	10/15/2021	13:23:10	D	3.00
206	FIROZPUR	ZIRA	AQUA	30.91600	75.01800	10/15/2021	13:44:26	D	7.10
207	FIROZPUR	ZIRA	AQUA	30.91700	75.02800	10/15/2021	13:44:26	D	6.10
208	GURDASPUR	BATALA	S-NPP	31.71060	75.21280	10/15/2021	13:23:10	D	2.00
209	GURDASPUR	BATALA	S-NPP	31.74140	75.25310	10/15/2021	13:23:10	D	2.60
210	GURDASPUR	BATALA	S-NPP	31.74470	75.25240	10/15/2021	13:23:10	D	3.30
211	GURDASPUR	BATALA	S-NPP	31.77430	75.25460	10/15/2021	13:23:10	D	4.10
212	GURDASPUR	BATALA	S-NPP	31.77760	75.25390	10/15/2021	13:23:10	D	3.80
213	GURDASPUR	BATALA	AQUA	31.76100	75.13700	10/15/2021	13:44:26	D	10.80
214	GURDASPUR	DERA BABA NANAK	S-NPP	31.92050	75.10200	10/15/2021	13:23:10	D	6.40
215	GURDASPUR	DERA BABA NANAK	S-NPP	32.01640	75.04630	10/15/2021	13:23:10	D	2.30
216	GURDASPUR	DHARIWAL	S-NPP	31.86690	75.27250	10/15/2021	13:23:10	D	2.60
217	GURDASPUR	DHARIWAL	S-NPP	31.91430	75.25400	10/15/2021	13:23:10	D	2.60
218	GURDASPUR	DHARIWAL	S-NPP	31.92650	75.39230	10/15/2021	13:23:10	D	3.50
219	GURDASPUR	DHARIWAL	S-NPP	31.96960	75.31870	10/15/2021	13:23:10	D	0.90
220	GURDASPUR	DHARIWAL	S-NPP	31.98690	75.27630	10/15/2021	13:23:10	D	3.30
221	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.81780	75.09870	10/15/2021	13:23:10	D	2.80
222	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.82480	75.01490	10/15/2021	13:23:10	D	1.50
223	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.82920	75.12630	10/15/2021	13:23:10	D	1.60
224	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.85680	75.05160	10/15/2021	13:23:10	D	2.60
225	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.86910	75.10500	10/15/2021	13:23:10	D	3.00
226	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.87890	74.93390	10/15/2021	13:23:10	D	2.90
227	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.89040	75.08720	10/15/2021	13:23:10	D	3.00

228	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.90970	74.93120	10/15/2021	13:23:10	D	2.20
229	GURDASPUR	FATEHGARH CHURIAN	AQUA	31.83400	75.13900	10/15/2021	13:44:26	D	4.80
230	GURDASPUR	FATEHGARH CHURIAN	AQUA	31.84700	75.09300	10/15/2021	13:44:26	D	5.20
231	GURDASPUR	GURDASPUR	S-NPP	32.00670	75.34500	10/15/2021	13:23:10	D	23.70
232	GURDASPUR	GURDASPUR	S-NPP	32.09640	75.24860	10/15/2021	13:23:10	D	3.70
233	GURDASPUR	KAHNUWAN	S-NPP	31.86900	75.54060	10/15/2021	13:23:10	D	3.00
234	GURDASPUR	KAHNUWAN	S-NPP	31.88170	75.38470	10/15/2021	13:23:10	D	1.40
235	GURDASPUR	KAHNUWAN	S-NPP	31.90220	75.49080	10/15/2021	13:23:10	D	1.30
236	GURDASPUR	KALANAUR	S-NPP	31.96410	75.17840	10/15/2021	13:23:10	D	4.20
237	GURDASPUR	KALANAUR	S-NPP	31.96740	75.17760	10/15/2021	13:23:10	D	4.20
238	GURDASPUR	KALANAUR	S-NPP	32.06230	75.22120	10/15/2021	13:23:10	D	25.60
239	GURDASPUR	QADIAN	S-NPP	31.74280	75.28280	10/15/2021	13:23:10	D	2.80
240	GURDASPUR	QADIAN	S-NPP	31.76010	75.28320	10/15/2021	13:23:10	D	3.30
241	GURDASPUR	QADIAN	S-NPP	31.77020	75.32380	10/15/2021	13:23:10	D	4.60
242	GURDASPUR	QADIAN	S-NPP	31.79510	75.29710	10/15/2021	13:23:10	D	1.90
243	GURDASPUR	QADIAN	AQUA	31.74100	75.32700	10/15/2021	13:44:26	D	5.80
244	GURDASPUR	QADIAN	AQUA	31.76100	75.47700	10/15/2021	13:44:26	D	6.10
245	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.63630	75.38220	10/15/2021	13:23:10	D	2.70
246	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.64360	75.40610	10/15/2021	13:23:10	D	6.70
247	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.64430	75.41020	10/15/2021	13:23:10	D	6.70
248	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.64490	75.32900	10/15/2021	13:23:10	D	1.60
249	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.64560	75.35450	10/15/2021	13:23:10	D	5.00
250	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.66750	75.40510	10/15/2021	13:23:10	D	17.40
251	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72830	75.36300	10/15/2021	13:23:10	D	7.90
252	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.74100	75.44120	10/15/2021	13:23:10	D	3.90
253	GURDASPUR	SRI HARGOBINDPUR	AQUA	31.64000	75.40700	10/15/2021	13:44:26	D	8.30
254	GURDASPUR	SRI HARGOBINDPUR	AQUA	31.69500	75.33100	10/15/2021	13:44:26	D	13.80
255	HOSHIARPUR	GARH SHANKAR	S-NPP	31.15820	76.14860	10/15/2021	13:23:10	D	4.00
256	HOSHIARPUR	GARH SHANKAR	S-NPP	31.16150	76.14790	10/15/2021	13:23:10	D	4.00
257	HOSHIARPUR	GARH SHANKAR	S-NPP	31.19390	76.13680	10/15/2021	13:23:10	D	5.00
258	HOSHIARPUR	GARH SHANKAR	S-NPP	31.21060	76.09160	10/15/2021	13:23:10	D	1.70
259	HOSHIARPUR	GARH SHANKAR	S-NPP	31.22660	76.06320	10/15/2021	13:23:10	D	1.20
260	HOSHIARPUR	GARH SHANKAR	S-NPP	31.23100	76.11230	10/15/2021	13:23:10	D	2.00

261	HOSHIARPUR	GARH SHANKAR	S-NPP	31.25490	76.03220	10/15/2021	13:23:10	D	21.80
262	HOSHIARPUR	GARH SHANKAR	AQUA	31.23800	76.04000	10/15/2021	13:44:26	D	11.40
263	HOSHIARPUR	GARH SHANKAR	AQUA	31.25400	76.03100	10/15/2021	13:44:26	D	10.90
264	JALANDHAR	BHOGPUR	S-NPP	31.56470	75.63110	10/15/2021	13:23:10	D	3.20
265	JALANDHAR	JALANDHAR WEST	S-NPP	31.40510	75.48750	10/15/2021	13:23:10	D	5.10
266	JALANDHAR	JALANDHAR WEST	S-NPP	31.42310	75.53450	10/15/2021	13:23:10	D	2.10
267	JALANDHAR	JALANDHAR WEST	AQUA	31.48500	75.54700	10/15/2021	13:44:26	D	5.80
268	JALANDHAR	JALANDHAR WEST	AQUA	31.50000	75.52200	10/15/2021	13:44:26	D	6.70
269	JALANDHAR	LOHIAN	S-NPP	31.06010	75.20270	10/15/2021	13:23:10	D	2.50
270	JALANDHAR	LOHIAN	S-NPP	31.06270	75.19780	10/15/2021	13:23:10	D	4.00
271	JALANDHAR	LOHIAN	S-NPP	31.08480	75.18420	10/15/2021	13:23:10	D	11.50
272	JALANDHAR	LOHIAN	S-NPP	31.08880	75.16610	10/15/2021	13:23:10	D	15.80
273	JALANDHAR	LOHIAN	S-NPP	31.10280	75.16730	10/15/2021	13:23:10	D	29.20
274	JALANDHAR	LOHIAN	S-NPP	31.12930	75.17480	10/15/2021	13:23:10	D	4.20
275	JALANDHAR	LOHIAN	S-NPP	31.14320	75.30060	10/15/2021	13:23:10	D	1.70
276	JALANDHAR	LOHIAN	AQUA	31.13100	75.24400	10/15/2021	13:44:26	D	8.30
277	JALANDHAR	MEHATPUR	S-NPP	31.01020	75.41440	10/15/2021	13:23:10	D	4.50
278	JALANDHAR	MEHATPUR	S-NPP	31.04400	75.39900	10/15/2021	13:23:10	D	4.50
279	JALANDHAR	MEHATPUR	AQUA	30.98800	75.40600	10/15/2021	13:44:26	D	6.00
280	JALANDHAR	MEHATPUR	AQUA	30.99700	75.47000	10/15/2021	13:44:26	D	11.60
281	JALANDHAR	NAKODAR	S-NPP	31.17620	75.39590	10/15/2021	13:23:10	D	2.50
282	JALANDHAR	NAKODAR	S-NPP	31.18010	75.37790	10/15/2021	13:23:10	D	4.80
283	JALANDHAR	NAKODAR	AQUA	31.17200	75.54100	10/15/2021	13:44:26	D	5.50
284	JALANDHAR	NUR MAHAL	S-NPP	31.01080	75.73610	10/15/2021	13:23:10	D	6.80
285	JALANDHAR	NUR MAHAL	S-NPP	31.02480	75.69520	10/15/2021	13:23:10	D	2.80
286	JALANDHAR	NUR MAHAL	AQUA	31.02300	75.59600	10/15/2021	13:44:26	D	11.60
287	JALANDHAR	PHILLAUR	S-NPP	31.01790	75.84390	10/15/2021	13:23:10	D	7.70
288	JALANDHAR	PHILLAUR	S-NPP	31.10600	75.80020	10/15/2021	13:23:10	D	5.40
289	JALANDHAR	RURKA KALAN	S-NPP	31.19100	75.63450	10/15/2021	13:23:10	D	1.60
290	JALANDHAR	SHAHKOT	S-NPP	31.03960	75.28880	10/15/2021	13:23:10	D	4.00
291	JALANDHAR	SHAHKOT	S-NPP	31.03990	75.35300	10/15/2021	13:23:10	D	5.00
292	JALANDHAR	SHAHKOT	S-NPP	31.07180	75.31590	10/15/2021	13:23:10	D	2.10
293	JALANDHAR	SHAHKOT	AQUA	31.07200	75.21200	10/15/2021	13:44:26	D	31.10

294	JALANDHAR	SHAHKOT	AQUA	31.07300	75.22300	10/15/2021	13:44:26	D	8.40
295	KAPURTHALA	DHILWAN	S-NPP	31.41220	75.34100	10/15/2021	13:23:10	D	2.10
296	KAPURTHALA	DHILWAN	S-NPP	31.46800	75.29080	10/15/2021	13:23:10	D	2.20
297	KAPURTHALA	DHILWAN	S-NPP	31.47060	75.28600	10/15/2021	13:23:10	D	2.50
298	KAPURTHALA	DHILWAN	S-NPP	31.48210	75.31340	10/15/2021	13:23:10	D	1.80
299	KAPURTHALA	DHILWAN	AQUA	31.46700	75.27600	10/15/2021	13:44:26	D	6.80
300	KAPURTHALA	DHILWAN	AQUA	31.46800	75.28700	10/15/2021	13:44:26	D	9.60
301	KAPURTHALA	KAPURTHALA	S-NPP	31.36960	75.35470	10/15/2021	13:23:10	D	2.80
302	KAPURTHALA	KAPURTHALA	S-NPP	31.40490	75.33840	10/15/2021	13:23:10	D	3.30
303	KAPURTHALA	NADALA	S-NPP	31.51960	75.47990	10/15/2021	13:23:10	D	3.60
304	KAPURTHALA	PHAGWARA	S-NPP	31.19630	75.70930	10/15/2021	13:23:10	D	4.80
305	KAPURTHALA	PHAGWARA	S-NPP	31.23780	75.83910	10/15/2021	13:23:10	D	2.90
306	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.23920	75.13870	10/15/2021	13:23:10	D	4.40
307	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.24260	75.13790	10/15/2021	13:23:10	D	12.80
308	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.24530	75.15460	10/15/2021	13:23:10	D	3.60
309	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.27350	75.15690	10/15/2021	13:23:10	D	6.90
310	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.30890	75.14040	10/15/2021	13:23:10	D	2.20
311	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.33760	75.18180	10/15/2021	13:23:10	D	2.30
312	KAPURTHALA	SULTANPUR LODHI	AQUA	31.16600	75.02600	10/15/2021	13:44:26	D	6.90
313	KAPURTHALA	SULTANPUR LODHI	AQUA	31.25100	75.17700	10/15/2021	13:44:26	D	8.80
314	KAPURTHALA	SULTANPUR LODHI	AQUA	31.26300	75.13200	10/15/2021	13:44:26	D	20.00
315	KAPURTHALA	SULTANPUR LODHI	AQUA	31.26400	75.14200	10/15/2021	13:44:26	D	14.50
316	KAPURTHALA	SULTANPUR LODHI	AQUA	31.31200	75.22000	10/15/2021	13:44:26	D	7.70
317	KAPURTHALA	SULTANPUR LODHI	AQUA	31.31500	75.24100	10/15/2021	13:44:26	D	6.80
318	LUDHIANA	JAGRAON	S-NPP	30.62500	75.43310	10/15/2021	13:23:10	D	17.00
319	LUDHIANA	JAGRAON	S-NPP	30.70650	75.44500	10/15/2021	13:23:10	D	13.90
320	LUDHIANA	JAGRAON	S-NPP	30.76600	75.48340	10/15/2021	13:23:10	D	4.30
321	LUDHIANA	JAGRAON	AQUA	30.81000	75.58800	10/15/2021	13:44:26	D	5.20
322	LUDHIANA	KHANNA	S-NPP	30.63070	76.07520	10/15/2021	13:23:10	D	1.70
323	LUDHIANA	KHANNA	S-NPP	30.68300	76.18880	10/15/2021	13:23:10	D	2.50
324	LUDHIANA	LUDHIANA-1	S-NPP	30.81970	75.83480	10/15/2021	13:23:10	D	15.60
325	LUDHIANA	LUDHIANA-2	S-NPP	30.99120	75.86190	10/15/2021	13:23:10	D	2.20
326	LUDHIANA	MACHHIWARA	S-NPP	30.86590	76.16730	10/15/2021	13:23:10	D	11.70

327	LUDHIANA	MACHHIWARA	S-NPP	30.91230	76.24470	10/15/2021	13:23:10	D	2.90
328	LUDHIANA	MACHHIWARA	S-NPP	30.94890	76.15490	10/15/2021	13:23:10	D	4.30
329	LUDHIANA	MACHHIWARA	S-NPP	30.99220	76.19150	10/15/2021	13:23:10	D	9.00
330	LUDHIANA	MACHHIWARA	AQUA	30.93400	76.24800	10/15/2021	13:44:26	D	8.00
331	LUDHIANA	MALOD	S-NPP	30.64840	75.97130	10/15/2021	13:23:10	D	2.70
332	LUDHIANA	MALOD	S-NPP	30.64900	75.97540	10/15/2021	13:23:10	D	2.70
333	LUDHIANA	PAKHOWAL	S-NPP	30.64850	75.71550	10/15/2021	13:23:10	D	1.80
334	LUDHIANA	PAKHOWAL	S-NPP	30.68460	75.71240	10/15/2021	13:23:10	D	4.50
335	LUDHIANA	PAKHOWAL	S-NPP	30.68520	75.71650	10/15/2021	13:23:10	D	4.50
336	LUDHIANA	PAKHOWAL	S-NPP	30.69310	75.76530	10/15/2021	13:23:10	D	22.70
337	LUDHIANA	PAKHOWAL	S-NPP	30.70650	75.74140	10/15/2021	13:23:10	D	5.70
338	LUDHIANA	PAKHOWAL	S-NPP	30.78590	75.79590	10/15/2021	13:23:10	D	5.20
339	LUDHIANA	PAKHOWAL	S-NPP	30.78920	75.79520	10/15/2021	13:23:10	D	5.20
340	LUDHIANA	PAKHOWAL	AQUA	30.66700	75.75100	10/15/2021	13:44:26	D	5.60
341	LUDHIANA	PAKHOWAL	AQUA	30.69000	75.64900	10/15/2021	13:44:26	D	40.40
342	LUDHIANA	PAKHOWAL	AQUA	30.69200	75.65900	10/15/2021	13:44:26	D	7.70
343	LUDHIANA	PAKHOWAL	AQUA	30.71100	75.73200	10/15/2021	13:44:26	D	11.40
344	LUDHIANA	PAKHOWAL	AQUA	30.71200	75.74300	10/15/2021	13:44:26	D	8.50
345	LUDHIANA	SAMRALA	S-NPP	30.78210	76.21400	10/15/2021	13:23:10	D	3.80
346	LUDHIANA	SAMRALA	S-NPP	30.78520	76.23400	10/15/2021	13:23:10	D	5.20
347	LUDHIANA	SAMRALA	S-NPP	30.79870	76.18970	10/15/2021	13:23:10	D	2.80
348	LUDHIANA	SAMRALA	S-NPP	30.83560	76.16960	10/15/2021	13:23:10	D	3.40
349	LUDHIANA	SAMRALA	AQUA	30.74800	76.22500	10/15/2021	13:44:26	D	7.60
350	LUDHIANA	SAMRALA	AQUA	30.76300	76.20000	10/15/2021	13:44:26	D	18.30
351	LUDHIANA	SAMRALA	AQUA	30.85100	76.10000	10/15/2021	13:44:26	D	6.90
352	LUDHIANA	SIDHWAN BET	S-NPP	30.86150	75.54870	10/15/2021	13:23:10	D	3.60
353	MOGA	BAGHA PURANA	S-NPP	30.51070	75.06610	10/15/2021	13:23:10	D	2.50
354	MOGA	BAGHA PURANA	S-NPP	30.56630	75.10230	10/15/2021	13:23:10	D	6.20
355	MOGA	BAGHA PURANA	S-NPP	30.56970	75.10150	10/15/2021	13:23:10	D	6.10
356	MOGA	BAGHA PURANA	S-NPP	30.68510	75.16280	10/15/2021	13:23:10	D	9.90
357	MOGA	BAGHA PURANA	S-NPP	30.68850	75.16210	10/15/2021	13:23:10	D	6.60
358	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.90930	75.37650	10/15/2021	13:23:10	D	3.60

359	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.93520	75.33700	10/15/2021	13:23:10	D	2.40
360	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.96320	75.29650	10/15/2021	13:23:10	D	10.80
361	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99660	75.28910	10/15/2021	13:23:10	D	4.50
362	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.04330	75.20640	10/15/2021	13:23:10	D	2.30
363	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.93200	75.33700	10/15/2021	13:44:26	D	7.00
364	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.97800	75.33200	10/15/2021	13:44:26	D	5.70
365	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	31.06000	75.19300	10/15/2021	13:44:26	D	6.50
366	MOGA	MOGA-1	S-NPP	30.84970	75.35110	10/15/2021	13:23:10	D	12.10
367	MOGA	MOGA-1	AQUA	30.70800	75.17600	10/15/2021	13:44:26	D	6.00
368	MOGA	MOGA-1	AQUA	30.74200	75.22300	10/15/2021	13:44:26	D	10.30
369	MOGA	NIHAL SINGH	S-NPP	30.57230	75.33290	10/15/2021	13:23:10	D	2.30
370	MOGA	NIHAL SINGH	S-NPP	30.63850	75.26320	10/15/2021	13:23:10	D	5.70
371	MOGA	NIHAL SINGH	AQUA	30.57300	75.33100	10/15/2021	13:44:26	D	9.10
372	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.37820	74.70030	10/15/2021	13:23:10	D	2.30
373	MUKTSAR	MUKTSAR	S-NPP	30.42880	74.30190	10/15/2021	13:23:10	D	6.60
374	MUKTSAR	MUKTSAR	S-NPP	30.43220	74.30110	10/15/2021	13:23:10	D	2.20
375	MUKTSAR	MUKTSAR	AQUA	30.40300	74.51400	10/15/2021	13:44:26	D	10.70
376	PATIALA	BHUNARHERI	S-NPP	30.11080	76.47140	10/15/2021	13:23:10	D	3.00
377	PATIALA	BHUNARHERI	S-NPP	30.11140	76.47540	10/15/2021	13:23:10	D	3.00
378	PATIALA	BHUNARHERI	S-NPP	30.19170	76.59890	10/15/2021	13:23:10	D	3.70
379	PATIALA	BHUNARHERI	S-NPP	30.20170	76.51050	10/15/2021	13:23:10	D	2.40
380	PATIALA	BHUNARHERI	S-NPP	30.23330	76.50000	10/15/2021	13:23:10	D	3.50
381	PATIALA	BHUNARHERI	S-NPP	30.23400	76.50400	10/15/2021	13:23:10	D	5.70
382	PATIALA	BHUNARHERI	S-NPP	30.24320	76.49800	10/15/2021	13:23:10	D	1.80
383	PATIALA	BHUNARHERI	AQUA	30.23500	76.52100	10/15/2021	13:44:26	D	24.30
384	PATIALA	GHANAUR	S-NPP	30.30590	76.63720	10/15/2021	13:23:10	D	3.30
385	PATIALA	GHANAUR	S-NPP	30.30650	76.64120	10/15/2021	13:23:10	D	3.30
386	PATIALA	GHANAUR	S-NPP	30.32540	76.52210	10/15/2021	13:23:10	D	1.40
387	PATIALA	GHANAUR	S-NPP	30.37840	76.66790	10/15/2021	13:23:10	D	4.30

388	PATIALA	GHANAUR	S-NPP	30.38170	76.66720	10/15/2021	13:23:10	D	9.40
389	PATIALA	NABHA	S-NPP	30.35570	76.09030	10/15/2021	13:23:10	D	5.10
390	PATIALA	NABHA	S-NPP	30.43360	76.28630	10/15/2021	13:23:10	D	5.80
391	PATIALA	NABHA	S-NPP	30.43780	76.24820	10/15/2021	13:23:10	D	1.60
392	PATIALA	NABHA	S-NPP	30.48060	76.25990	10/15/2021	13:23:10	D	1.90
393	PATIALA	NABHA	S-NPP	30.49260	76.14120	10/15/2021	13:23:10	D	3.60
394	PATIALA	NABHA	S-NPP	30.49320	76.14520	10/15/2021	13:23:10	D	4.00
395	PATIALA	NABHA	S-NPP	30.50720	76.15100	10/15/2021	13:23:10	D	4.50
396	PATIALA	NABHA	AQUA	30.35100	76.14100	10/15/2021	13:44:26	D	6.20
397	PATIALA	NABHA	AQUA	30.45000	76.20600	10/15/2021	13:44:26	D	7.50
398	PATIALA	NABHA	AQUA	30.45200	76.21700	10/15/2021	13:44:26	D	26.90
399	PATIALA	NABHA	AQUA	30.47600	76.25800	10/15/2021	13:44:26	D	6.30
400	PATIALA	NABHA	AQUA	30.48800	76.06600	10/15/2021	13:44:26	D	9.40
401	PATIALA	NABHA	AQUA	30.52100	76.17200	10/15/2021	13:44:26	D	12.30
402	PATIALA	NABHA	AQUA	30.52200	76.18300	10/15/2021	13:44:26	D	11.80
403	PATIALA	NABHA	AQUA	30.52900	76.17500	10/15/2021	13:44:26	D	19.50
404	PATIALA	NABHA	AQUA	30.53100	76.18600	10/15/2021	13:44:26	D	7.50
405	PATIALA	PATIALA	S-NPP	30.27470	76.26450	10/15/2021	13:23:10	D	3.70
406	PATIALA	PATIALA	S-NPP	30.37000	76.24500	10/15/2021	13:23:10	D	3.10
407	PATIALA	PATIALA	S-NPP	30.41150	76.35620	10/15/2021	13:23:10	D	10.90
408	PATIALA	PATIALA	S-NPP	30.43280	76.49210	10/15/2021	13:23:10	D	4.30
409	PATIALA	PATIALA	S-NPP	30.47160	76.33210	10/15/2021	13:23:10	D	5.40
410	PATIALA	PATIALA	AQUA	30.35600	76.31400	10/15/2021	13:44:26	D	6.40
411	PATIALA	PATIALA	AQUA	30.35700	76.32500	10/15/2021	13:44:26	D	7.10
412	PATIALA	PATIALA	AQUA	30.36400	76.31700	10/15/2021	13:44:26	D	8.40
413	PATIALA	PATIALA	AQUA	30.42400	76.48700	10/15/2021	13:44:26	D	8.70
414	PATIALA	PATRAN	S-NPP	29.83580	76.12700	10/15/2021	13:23:10	D	3.60
415	PATIALA	PATRAN	S-NPP	29.83940	76.19260	10/15/2021	13:23:10	D	6.10
416	PATIALA	PATRAN	S-NPP	29.85400	76.17710	10/15/2021	13:23:10	D	1.60
417	PATIALA	PATRAN	S-NPP	29.85450	76.20180	10/15/2021	13:23:10	D	7.80
418	PATIALA	PATRAN	S-NPP	29.85530	76.16890	10/15/2021	13:23:10	D	1.40
419	PATIALA	PATRAN	S-NPP	29.85660	76.17690	10/15/2021	13:23:10	D	3.00
420	PATIALA	PATRAN	S-NPP	29.86340	76.11320	10/15/2021	13:23:10	D	3.80

421	PATIALA	PATRAN	S-NPP	29.87030	76.21960	10/15/2021	13:23:10	D	8.40
422	PATIALA	PATRAN	S-NPP	29.87100	76.20290	10/15/2021	13:23:10	D	7.60
423	PATIALA	PATRAN	S-NPP	29.88080	76.22150	10/15/2021	13:23:10	D	8.60
424	PATIALA	PATRAN	S-NPP	29.88160	76.20480	10/15/2021	13:23:10	D	11.50
425	PATIALA	PATRAN	S-NPP	29.88600	76.10430	10/15/2021	13:23:10	D	2.00
426	PATIALA	PATRAN	S-NPP	29.89830	76.18060	10/15/2021	13:23:10	D	4.90
427	PATIALA	PATRAN	S-NPP	29.91170	76.13630	10/15/2021	13:23:10	D	2.10
428	PATIALA	PATRAN	S-NPP	29.92360	76.14620	10/15/2021	13:23:10	D	3.50
429	PATIALA	PATRAN	S-NPP	29.93620	76.13940	10/15/2021	13:23:10	D	11.10
430	PATIALA	PATRAN	S-NPP	29.96190	76.17130	10/15/2021	13:23:10	D	3.60
431	PATIALA	PATRAN	S-NPP	29.96300	76.20010	10/15/2021	13:23:10	D	5.40
432	PATIALA	PATRAN	S-NPP	29.96630	76.19940	10/15/2021	13:23:10	D	5.40
433	PATIALA	PATRAN	S-NPP	29.97170	76.09130	10/15/2021	13:23:10	D	1.60
434	PATIALA	PATRAN	AQUA	29.85400	76.19900	10/15/2021	13:44:26	D	17.40
435	PATIALA	PATRAN	AQUA	29.85900	76.16500	10/15/2021	13:44:26	D	15.40
436	PATIALA	PATRAN	AQUA	29.86000	76.17600	10/15/2021	13:44:26	D	19.90
437	PATIALA	PATRAN	AQUA	29.86300	76.19700	10/15/2021	13:44:26	D	12.80
438	PATIALA	PATRAN	AQUA	29.89900	76.06400	10/15/2021	13:44:26	D	9.80
439	PATIALA	PATRAN	AQUA	29.91800	76.13800	10/15/2021	13:44:26	D	26.10
440	PATIALA	PATRAN	AQUA	29.92000	76.14800	10/15/2021	13:44:26	D	32.70
441	PATIALA	RAJPURA	S-NPP	30.49780	76.71810	10/15/2021	13:23:10	D	2.40
442	PATIALA	RAJPURA	S-NPP	30.51520	76.69820	10/15/2021	13:23:10	D	2.60
443	PATIALA	RAJPURA	S-NPP	30.51740	76.66890	10/15/2021	13:23:10	D	1.40
444	PATIALA	RAJPURA	S-NPP	30.52420	76.51520	10/15/2021	13:23:10	D	15.20
445	PATIALA	RAJPURA	S-NPP	30.53310	76.55040	10/15/2021	13:23:10	D	4.10
446	PATIALA	RAJPURA	S-NPP	30.53920	76.52440	10/15/2021	13:23:10	D	2.70
447	PATIALA	RAJPURA	S-NPP	30.53980	76.52840	10/15/2021	13:23:10	D	2.70
448	PATIALA	RAJPURA	S-NPP	30.55510	76.51700	10/15/2021	13:23:10	D	6.30
449	PATIALA	RAJPURA	S-NPP	30.55670	76.74720	10/15/2021	13:23:10	D	0.70
450	PATIALA	RAJPURA	S-NPP	30.55800	76.62350	10/15/2021	13:23:10	D	3.50
451	PATIALA	RAJPURA	S-NPP	30.57640	76.61180	10/15/2021	13:23:10	D	3.30
452	PATIALA	RAJPURA	S-NPP	30.58050	76.68060	10/15/2021	13:23:10	D	9.10
453	PATIALA	RAJPURA	AQUA	30.53300	76.55400	10/15/2021	13:44:26	D	8.70

454	PATIALA	RAJPURA	AQUA	30.56100	76.54900	10/15/2021	13:44:26	D	9.20
455	PATIALA	SAMANA	S-NPP	30.17210	76.23610	10/15/2021	13:23:10	D	10.40
456	PATIALA	SAMANA	AQUA	30.13400	76.16500	10/15/2021	13:44:26	D	7.10
457	PATIALA	SAMANA	AQUA	30.13600	76.25300	10/15/2021	13:44:26	D	10.10
458	PATIALA	SAMANA	AQUA	30.13700	76.26400	10/15/2021	13:44:26	D	7.60
459	PATIALA	SANAUR	S-NPP	30.13280	76.28990	10/15/2021	13:23:10	D	1.80
460	PATIALA	SANAUR	S-NPP	30.27190	76.46320	10/15/2021	13:23:10	D	4.10
461	PATIALA	SANAUR	AQUA	30.24400	76.44000	10/15/2021	13:44:26	D	14.10
462	PATIALA	SHAMBU KALAN	S-NPP	30.43280	76.62380	10/15/2021	13:23:10	D	3.20
463	PATIALA	SHAMBU KALAN	S-NPP	30.48210	76.50740	10/15/2021	13:23:10	D	3.90
464	PATIALA	SHAMBU KALAN	S-NPP	30.48440	76.67570	10/15/2021	13:23:10	D	2.50
465	PATIALA	SHAMBU KALAN	S-NPP	30.48540	76.50670	10/15/2021	13:23:10	D	2.70
466	PATIALA	SHAMBU KALAN	S-NPP	30.49740	76.69360	10/15/2021	13:23:10	D	2.50
467	PATIALA	SHAMBU KALAN	AQUA	30.43200	76.62300	10/15/2021	13:44:26	D	9.00
468	PATIALA	SHAMBU KALAN	AQUA	30.43600	76.50800	10/15/2021	13:44:26	D	16.30
469	PATIALA	SHAMBU KALAN	AQUA	30.47300	76.50200	10/15/2021	13:44:26	D	9.50
470	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.85800	76.45900	10/15/2021	13:23:10	D	1.70
471	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.87260	76.44350	10/15/2021	13:23:10	D	1.60
472	RUPNAGAR	MORINDA	S-NPP	30.76050	76.48720	10/15/2021	13:23:10	D	4.00
473	RUPNAGAR	MORINDA	S-NPP	30.85640	76.49240	10/15/2021	13:23:10	D	2.70
474	SANGRUR	ANDANA	S-NPP	29.75480	75.94430	10/15/2021	13:23:10	D	2.00
475	SANGRUR	ANDANA	S-NPP	29.76980	76.03700	10/15/2021	13:23:10	D	5.00
476	SANGRUR	ANDANA	S-NPP	29.78400	75.97570	10/15/2021	13:23:10	D	2.80
477	SANGRUR	ANDANA	S-NPP	29.79620	75.90200	10/15/2021	13:23:10	D	2.20
478	SANGRUR	ANDANA	S-NPP	29.85260	76.00320	10/15/2021	13:23:10	D	1.70
479	SANGRUR	BHAWANIGARH	S-NPP	30.14600	76.05070	10/15/2021	13:23:10	D	4.50
480	SANGRUR	BHAWANIGARH	S-NPP	30.22750	76.05450	10/15/2021	13:23:10	D	4.30
481	SANGRUR	BHAWANIGARH	S-NPP	30.25790	76.07300	10/15/2021	13:23:10	D	2.30
482	SANGRUR	BHAWANIGARH	S-NPP	30.25920	76.08110	10/15/2021	13:23:10	D	2.60
483	SANGRUR	BHAWANIGARH	S-NPP	30.28190	76.15930	10/15/2021	13:23:10	D	8.40
484	SANGRUR	BHAWANIGARH	S-NPP	30.28240	76.18410	10/15/2021	13:23:10	D	1.40
485	SANGRUR	BHAWANIGARH	AQUA	30.35700	75.97400	10/15/2021	13:44:26	D	21.80
486	SANGRUR	DIRBA	S-NPP	30.09210	75.92870	10/15/2021	13:23:10	D	4.60

487	SANGRUR	DIRBA	S-NPP	30.10030	76.06460	10/15/2021	13:23:10	D	1.90
488	SANGRUR	MALERKOTLA-1	S-NPP	30.45190	75.92900	10/15/2021	13:23:10	D	2.50
489	SANGRUR	MALERKOTLA-1	AQUA	30.45800	75.98300	10/15/2021	13:44:26	D	5.70
490	SANGRUR	MALERKOTLA-1	AQUA	30.46000	75.99400	10/15/2021	13:44:26	D	11.20
491	SANGRUR	SUNAM	S-NPP	30.14330	75.78820	10/15/2021	13:23:10	D	3.60
492	SANGRUR	SUNAM	AQUA	30.11900	75.77800	10/15/2021	13:44:26	D	13.20
493	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.49200	76.87460	10/15/2021	13:23:10	D	2.10
494	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.50210	76.85200	10/15/2021	13:23:10	D	2.90
495	SAS NAGAR (MOHALI)	DERABASSI	AQUA	30.54900	76.76000	10/15/2021	13:44:26	D	14.60
496	SAS NAGAR (MOHALI)	DERABASSI	AQUA	30.61400	76.89000	10/15/2021	13:44:26	D	6.40
497	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.69260	76.64150	10/15/2021	13:23:10	D	2.00
498	SAS NAGAR (MOHALI)	KHARAR	AQUA	30.62100	76.67100	10/15/2021	13:44:26	D	10.50
499	SBS NAGAR	AUR	AQUA	31.03100	76.07800	10/15/2021	13:44:26	D	7.90
500	SBS NAGAR	NAWAN SHAHR	S-NPP	31.02710	76.19650	10/15/2021	13:23:10	D	4.70
501	SBS NAGAR	NAWAN SHAHR	S-NPP	31.03700	76.19440	10/15/2021	13:23:10	D	6.00
502	SBS NAGAR	SAROYA	S-NPP	31.15750	76.20660	10/15/2021	13:23:10	D	2.00
503	TARN TARAN	BHIKHIWIND	S-NPP	31.24090	74.68860	10/15/2021	13:23:10	D	3.10
504	TARN TARAN	BHIKHIWIND	S-NPP	31.27690	74.71640	10/15/2021	13:23:10	D	9.40
505	TARN TARAN	BHIKHIWIND	S-NPP	31.28030	74.71570	10/15/2021	13:23:10	D	7.50
506	TARN TARAN	BHIKHIWIND	S-NPP	31.28350	74.63090	10/15/2021	13:23:10	D	2.60
507	TARN TARAN	BHIKHIWIND	S-NPP	31.28420	74.63510	10/15/2021	13:23:10	D	5.70
508	TARN TARAN	BHIKHIWIND	S-NPP	31.28760	74.63440	10/15/2021	13:23:10	D	3.30
509	TARN TARAN	BHIKHIWIND	S-NPP	31.30270	74.72380	10/15/2021	13:23:10	D	3.00
510	TARN TARAN	BHIKHIWIND	S-NPP	31.34660	74.71380	10/15/2021	13:23:10	D	13.10
511	TARN TARAN	BHIKHIWIND	S-NPP	31.35000	74.71300	10/15/2021	13:23:10	D	9.00
512	TARN TARAN	BHIKHIWIND	S-NPP	31.37550	74.59300	10/15/2021	13:23:10	D	10.40
513	TARN TARAN	BHIKHIWIND	S-NPP	31.39560	74.69030	10/15/2021	13:23:10	D	2.60
514	TARN TARAN	BHIKHIWIND	S-NPP	31.42490	74.71880	10/15/2021	13:23:10	D	4.80
515	TARN TARAN	BHIKHIWIND	AQUA	31.27800	74.63900	10/15/2021	13:44:26	D	9.00
516	TARN TARAN	BHIKHIWIND	AQUA	31.28700	74.63700	10/15/2021	13:44:26	D	6.40
517	TARN TARAN	BHIKHIWIND	AQUA	31.38700	74.69800	10/15/2021	13:44:26	D	5.40
518	TARN TARAN	BHIKHIWIND	AQUA	31.42600	74.71200	10/15/2021	13:44:26	D	14.10
519	TARN TARAN	CHOHLA SAHIB	S-NPP	31.20870	74.97660	10/15/2021	13:23:10	D	8.60

520	TARN TARAN	CHOHLA SAHIB	S-NPP	31.21750	74.98770	10/15/2021	13:23:10	D	3.80
521	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23020	74.98050	10/15/2021	13:23:10	D	7.40
522	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23360	74.97970	10/15/2021	13:23:10	D	7.40
523	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23930	75.03490	10/15/2021	13:23:10	D	4.30
524	TARN TARAN	CHOHLA SAHIB	S-NPP	31.25420	75.06190	10/15/2021	13:23:10	D	3.90
525	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26480	75.02050	10/15/2021	13:23:10	D	5.10
526	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26890	75.04560	10/15/2021	13:23:10	D	4.30
527	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29180	75.05770	10/15/2021	13:23:10	D	17.30
528	TARN TARAN	CHOHLA SAHIB	S-NPP	31.33100	75.07980	10/15/2021	13:23:10	D	2.40
529	TARN TARAN	CHOHLA SAHIB	S-NPP	31.34500	75.05930	10/15/2021	13:23:10	D	12.70
530	TARN TARAN	CHOHLA SAHIB	S-NPP	31.34730	75.11500	10/15/2021	13:23:10	D	10.50
531	TARN TARAN	CHOHLA SAHIB	S-NPP	31.34830	75.05860	10/15/2021	13:23:10	D	12.70
532	TARN TARAN	CHOHLA SAHIB	S-NPP	31.35180	75.07940	10/15/2021	13:23:10	D	1.80
533	TARN TARAN	CHOHLA SAHIB	S-NPP	31.37800	75.09080	10/15/2021	13:23:10	D	2.00
534	TARN TARAN	CHOHLA SAHIB	AQUA	31.18600	74.96900	10/15/2021	13:44:26	D	9.60
535	TARN TARAN	CHOHLA SAHIB	AQUA	31.22300	74.97700	10/15/2021	13:44:26	D	13.90
536	TARN TARAN	CHOHLA SAHIB	AQUA	31.23200	74.97600	10/15/2021	13:44:26	D	6.50
537	TARN TARAN	CHOHLA SAHIB	AQUA	31.25000	75.03700	10/15/2021	13:44:26	D	10.10
538	TARN TARAN	CHOHLA SAHIB	AQUA	31.28900	75.05100	10/15/2021	13:44:26	D	7.10
539	TARN TARAN	CHOHLA SAHIB	AQUA	31.29000	75.06200	10/15/2021	13:44:26	D	14.70
540	TARN TARAN	CHOHLA SAHIB	AQUA	31.34200	75.09900	10/15/2021	13:44:26	D	7.10
541	TARN TARAN	CHOHLA SAHIB	AQUA	31.34300	75.11000	10/15/2021	13:44:26	D	29.80
542	TARN TARAN	CHOHLA SAHIB	AQUA	31.34500	75.05500	10/15/2021	13:44:26	D	20.40
543	TARN TARAN	CHOHLA SAHIB	AQUA	31.34500	75.12000	10/15/2021	13:44:26	D	17.80
544	TARN TARAN	CHOHLA SAHIB	AQUA	31.34800	75.07700	10/15/2021	13:44:26	D	7.80
545	TARN TARAN	CHOHLA SAHIB	AQUA	31.36900	75.09400	10/15/2021	13:44:26	D	5.50
546	TARN TARAN	GANDIWIND TATLA	S-NPP	31.41090	74.73970	10/15/2021	13:23:10	D	2.30
547	TARN TARAN	GANDIWIND TATLA	S-NPP	31.43590	74.74280	10/15/2021	13:23:10	D	9.00
548	TARN TARAN	GANDIWIND TATLA	S-NPP	31.43720	74.72930	10/15/2021	13:23:10	D	1.40
549	TARN TARAN	GANDIWIND TATLA	S-NPP	31.44470	74.73200	10/15/2021	13:23:10	D	2.90
550	TARN TARAN	GANDIWIND TATLA	S-NPP	31.45730	74.70260	10/15/2021	13:23:10	D	5.80
551	TARN TARAN	GANDIWIND TATLA	S-NPP	31.51690	74.78650	10/15/2021	13:23:10	D	5.10
552	TARN TARAN	GANDIWIND TATLA	S-NPP	31.51990	74.74190	10/15/2021	13:23:10	D	3.80

553	TARN TARAN	GANDIWIND TATLA	S-NPP	31.53430	74.76500	10/15/2021	13:23:10	D	6.20
554	TARN TARAN	GANDIWIND TATLA	S-NPP	31.54510	74.68320	10/15/2021	13:23:10	D	4.30
555	TARN TARAN	GANDIWIND TATLA	AQUA	31.42700	74.72200	10/15/2021	13:44:26	D	9.40
556	TARN TARAN	GANDIWIND TATLA	AQUA	31.42900	74.73300	10/15/2021	13:44:26	D	14.30
557	TARN TARAN	KHADUR SAHIB	S-NPP	31.39290	75.11770	10/15/2021	13:23:10	D	19.90
558	TARN TARAN	KHADUR SAHIB	S-NPP	31.42080	75.06900	10/15/2021	13:23:10	D	5.00
559	TARN TARAN	KHADUR SAHIB	S-NPP	31.42380	75.15830	10/15/2021	13:23:10	D	3.40
560	TARN TARAN	KHADUR SAHIB	S-NPP	31.42580	75.14920	10/15/2021	13:23:10	D	8.60
561	TARN TARAN	KHADUR SAHIB	S-NPP	31.42730	75.14960	10/15/2021	13:23:10	D	2.80
562	TARN TARAN	KHADUR SAHIB	S-NPP	31.42740	75.04590	10/15/2021	13:23:10	D	1.80
563	TARN TARAN	KHADUR SAHIB	S-NPP	31.43010	75.16620	10/15/2021	13:23:10	D	8.60
564	TARN TARAN	KHADUR SAHIB	S-NPP	31.43360	75.08340	10/15/2021	13:23:10	D	1.60
565	TARN TARAN	KHADUR SAHIB	S-NPP	31.43790	75.13000	10/15/2021	13:23:10	D	3.70
566	TARN TARAN	KHADUR SAHIB	S-NPP	31.45630	75.19910	10/15/2021	13:23:10	D	4.30
567	TARN TARAN	KHADUR SAHIB	S-NPP	31.47160	75.04030	10/15/2021	13:23:10	D	13.00
568	TARN TARAN	KHADUR SAHIB	S-NPP	31.48470	75.11950	10/15/2021	13:23:10	D	3.50
569	TARN TARAN	KHADUR SAHIB	S-NPP	31.48540	75.12360	10/15/2021	13:23:10	D	9.90
570	TARN TARAN	KHADUR SAHIB	S-NPP	31.49310	75.21230	10/15/2021	13:23:10	D	3.40
571	TARN TARAN	KHADUR SAHIB	S-NPP	31.50060	75.06840	10/15/2021	13:23:10	D	8.70
572	TARN TARAN	KHADUR SAHIB	S-NPP	31.50510	75.03270	10/15/2021	13:23:10	D	3.20
573	TARN TARAN	KHADUR SAHIB	S-NPP	31.52510	75.17510	10/15/2021	13:23:10	D	8.30
574	TARN TARAN	KHADUR SAHIB	AQUA	31.42000	75.06800	10/15/2021	13:44:26	D	8.70
575	TARN TARAN	KHADUR SAHIB	AQUA	31.42400	75.10000	10/15/2021	13:44:26	D	6.90
576	TARN TARAN	KHADUR SAHIB	AQUA	31.45200	75.17000	10/15/2021	13:44:26	D	13.50
577	TARN TARAN	KHADUR SAHIB	AQUA	31.45300	75.10500	10/15/2021	13:44:26	D	19.20
578	TARN TARAN	KHADUR SAHIB	AQUA	31.46100	75.16900	10/15/2021	13:44:26	D	22.70
579	TARN TARAN	KHADUR SAHIB	AQUA	31.48100	75.11100	10/15/2021	13:44:26	D	9.50
580	TARN TARAN	KHADUR SAHIB	AQUA	31.48200	75.12100	10/15/2021	13:44:26	D	7.90
581	TARN TARAN	KHADUR SAHIB	AQUA	31.49300	75.05900	10/15/2021	13:44:26	D	8.60
582	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.32120	74.91690	10/15/2021	13:23:10	D	8.90
583	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.32310	74.99050	10/15/2021	13:23:10	D	7.80
584	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.32640	74.98980	10/15/2021	13:23:10	D	5.30
585	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.32810	74.93720	10/15/2021	13:23:10	D	2.40

586	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.34360	74.84190	10/15/2021	13:23:10	D	5.60
587	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.35000	75.00610	10/15/2021	13:23:10	D	4.40
588	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.35590	74.97880	10/15/2021	13:23:10	D	2.90
589	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.35930	74.97800	10/15/2021	13:23:10	D	3.80
590	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.36180	74.84650	10/15/2021	13:23:10	D	5.50
591	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.36570	74.93300	10/15/2021	13:23:10	D	4.40
592	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.36680	75.00240	10/15/2021	13:23:10	D	2.30
593	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.36730	74.85840	10/15/2021	13:23:10	D	2.10
594	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.37490	75.00920	10/15/2021	13:23:10	D	3.50
595	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.39620	74.96970	10/15/2021	13:23:10	D	2.70
596	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.39690	74.97380	10/15/2021	13:23:10	D	2.70
597	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.39730	74.97020	10/15/2021	13:23:10	D	6.10
598	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.40140	74.97370	10/15/2021	13:23:10	D	6.10
599	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.35200	74.96800	10/15/2021	13:44:26	D	11.70
600	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.35300	74.84900	10/15/2021	13:44:26	D	6.80
601	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.35300	74.97900	10/15/2021	13:44:26	D	24.50
602	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.36100	74.84200	10/15/2021	13:44:26	D	21.70
603	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.36300	74.85300	10/15/2021	13:44:26	D	11.20
604	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.39800	74.97500	10/15/2021	13:44:26	D	9.10
605	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.40100	74.93100	10/15/2021	13:44:26	D	18.20
606	TARN TARAN	PATTI	S-NPP	31.17700	74.74730	10/15/2021	13:23:10	D	1.30
607	TARN TARAN	PATTI	S-NPP	31.17900	74.73810	10/15/2021	13:23:10	D	25.80
608	TARN TARAN	PATTI	S-NPP	31.20760	74.76240	10/15/2021	13:23:10	D	8.80
609	TARN TARAN	PATTI	S-NPP	31.23150	74.77900	10/15/2021	13:23:10	D	2.80
610	TARN TARAN	PATTI	S-NPP	31.27120	74.82770	10/15/2021	13:23:10	D	29.20
611	TARN TARAN	PATTI	S-NPP	31.27280	74.77460	10/15/2021	13:23:10	D	6.00
612	TARN TARAN	PATTI	S-NPP	31.32510	74.81540	10/15/2021	13:23:10	D	3.40
613	TARN TARAN	PATTI	S-NPP	31.33520	74.89630	10/15/2021	13:23:10	D	14.70
614	TARN TARAN	PATTI	S-NPP	31.33860	74.89550	10/15/2021	13:23:10	D	14.10
615	TARN TARAN	PATTI	AQUA	31.21100	74.75500	10/15/2021	13:44:26	D	10.90
616	TARN TARAN	PATTI	AQUA	31.21500	74.91500	10/15/2021	13:44:26	D	12.20
617	TARN TARAN	PATTI	AQUA	31.21600	74.92500	10/15/2021	13:44:26	D	7.20
618	TARN TARAN	PATTI	AQUA	31.23900	74.88900	10/15/2021	13:44:26	D	5.80

619	TARN TARAN	PATTI	AQUA	31.30300	74.88100	10/15/2021	13:44:26	D	9.70
620	TARN TARAN	TARN TARAN	S-NPP	31.33720	74.80390	10/15/2021	13:23:10	D	6.70
621	TARN TARAN	TARN TARAN	S-NPP	31.40710	74.84150	10/15/2021	13:23:10	D	3.60
622	TARN TARAN	TARN TARAN	S-NPP	31.40880	74.81040	10/15/2021	13:23:10	D	13.70
623	TARN TARAN	TARN TARAN	S-NPP	31.40900	74.83230	10/15/2021	13:23:10	D	3.80
624	TARN TARAN	TARN TARAN	S-NPP	31.41340	74.79620	10/15/2021	13:23:10	D	1.70
625	TARN TARAN	TARN TARAN	S-NPP	31.41470	74.78280	10/15/2021	13:23:10	D	9.80
626	TARN TARAN	TARN TARAN	S-NPP	31.42530	74.92910	10/15/2021	13:23:10	D	6.60
627	TARN TARAN	TARN TARAN	S-NPP	31.43010	74.85380	10/15/2021	13:23:10	D	4.00
628	TARN TARAN	TARN TARAN	S-NPP	31.43080	74.85800	10/15/2021	13:23:10	D	5.10
629	TARN TARAN	TARN TARAN	S-NPP	31.43350	74.85300	10/15/2021	13:23:10	D	3.60
630	TARN TARAN	TARN TARAN	S-NPP	31.43360	74.87480	10/15/2021	13:23:10	D	14.80
631	TARN TARAN	TARN TARAN	S-NPP	31.43400	75.02280	10/15/2021	13:23:10	D	5.20
632	TARN TARAN	TARN TARAN	S-NPP	31.43950	74.84730	10/15/2021	13:23:10	D	10.50
633	TARN TARAN	TARN TARAN	S-NPP	31.44290	74.84650	10/15/2021	13:23:10	D	10.50
634	TARN TARAN	TARN TARAN	S-NPP	31.47010	75.01030	10/15/2021	13:23:10	D	5.20
635	TARN TARAN	TARN TARAN	S-NPP	31.49550	74.80450	10/15/2021	13:23:10	D	3.60
636	TARN TARAN	TARN TARAN	AQUA	31.42500	74.77600	10/15/2021	13:44:26	D	14.50
637	TARN TARAN	TARN TARAN	AQUA	31.42700	74.85100	10/15/2021	13:44:26	D	12.50
638	TARN TARAN	TARN TARAN	AQUA	31.43700	74.86000	10/15/2021	13:44:26	D	9.90
639	TARN TARAN	VALTOHA	S-NPP	31.13290	74.71610	10/15/2021	13:23:10	D	2.70
640	TARN TARAN	VALTOHA	S-NPP	31.14510	74.62190	10/15/2021	13:23:10	D	4.50
641	TARN TARAN	VALTOHA	S-NPP	31.19360	74.63750	10/15/2021	13:23:10	D	2.00
642	TARN TARAN	VALTOHA	S-NPP	31.19790	74.60090	10/15/2021	13:23:10	D	9.30
643	TARN TARAN	VALTOHA	S-NPP	31.19870	74.60520	10/15/2021	13:23:10	D	9.30
644	TARN TARAN	VALTOHA	S-NPP	31.21580	74.62350	10/15/2021	13:23:10	D	7.30
645	TARN TARAN	VALTOHA	S-NPP	31.23050	74.52730	10/15/2021	13:23:10	D	3.90
646	TARN TARAN	VALTOHA	S-NPP	31.23360	74.70800	10/15/2021	13:23:10	D	4.50
647	TARN TARAN	VALTOHA	S-NPP	31.23700	74.70720	10/15/2021	13:23:10	D	4.50
648	TARN TARAN	VALTOHA	S-NPP	31.24710	74.54140	10/15/2021	13:23:10	D	1.90
649	TARN TARAN	VALTOHA	S-NPP	31.24740	74.62580	10/15/2021	13:23:10	D	1.90
650	TARN TARAN	VALTOHA	S-NPP	31.25800	74.54330	10/15/2021	13:23:10	D	14.20
651	TARN TARAN	VALTOHA	S-NPP	31.25990	74.53400	10/15/2021	13:23:10	D	7.30

652	TARN TARAN	VALTOHA	S-NPP	31.26140	74.54250	10/15/2021	13:23:10	D	14.20
653	TARN TARAN	VALTOHA	S-NPP	31.29390	74.58850	10/15/2021	13:23:10	D	8.00
654	TARN TARAN	VALTOHA	AQUA	31.14500	74.67700	10/15/2021	13:44:26	D	6.10
655	TARN TARAN	VALTOHA	AQUA	31.15500	74.68000	10/15/2021	13:44:26	D	6.50
656	TARN TARAN	VALTOHA	AQUA	31.20700	74.66000	10/15/2021	13:44:26	D	20.20
657	TARN TARAN	VALTOHA	AQUA	31.20800	74.67000	10/15/2021	13:44:26	D	12.70
658	TARN TARAN	VALTOHA	AQUA	31.23700	74.60400	10/15/2021	13:44:26	D	6.50
659	TARN TARAN	VALTOHA	AQUA	31.23800	74.68600	10/15/2021	13:44:26	D	12.60
660	TARN TARAN	VALTOHA	AQUA	31.28900	74.58400	10/15/2021	13:44:26	D	9.10

Details of residue burning events in Haryana on 15-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	AMBALA	AMBALA-II	S-NPP	30.11650	76.63870	10/15/2021	13:23:10	D	8.40
2	AMBALA	AMBALA-II	S-NPP	30.16760	76.64080	10/15/2021	13:23:10	D	2.60
3	AMBALA	AMBALA-II	S-NPP	30.19750	76.67980	10/15/2021	13:23:10	D	1.90
4	AMBALA	AMBALA-II	S-NPP	30.20800	76.74730	10/15/2021	13:23:10	D	4.30
5	AMBALA	AMBALA-II	S-NPP	30.24030	76.80230	10/15/2021	13:23:10	D	3.60
6	AMBALA	AMBALA-II	S-NPP	30.26550	76.78890	10/15/2021	13:23:10	D	1.60
7	AMBALA	AMBALA-II	S-NPP	30.27310	76.75470	10/15/2021	13:23:10	D	2.30
8	AMBALA	BARARA	S-NPP	30.16670	77.02990	10/15/2021	13:23:10	D	8.20
9	AMBALA	BARARA	S-NPP	30.22370	76.98180	10/15/2021	13:23:10	D	2.30
10	AMBALA	BARARA	S-NPP	30.23220	77.03750	10/15/2021	13:23:10	D	3.10
11	AMBALA	BARARA	AQUA	30.25600	77.03400	10/15/2021	13:44:26	D	8.70
12	AMBALA	NARAINGARH	S-NPP	30.43680	77.13570	10/15/2021	13:23:10	D	1.90
13	AMBALA	NARAINGARH	S-NPP	30.44000	77.13560	10/15/2021	13:23:10	D	3.60
14	AMBALA	SAHA	S-NPP	30.19500	76.90570	10/15/2021	13:23:10	D	2.60
15	AMBALA	SAHA	S-NPP	30.29360	77.01690	10/15/2021	13:23:10	D	2.60
16	AMBALA	SAHA	S-NPP	30.29430	77.02080	10/15/2021	13:23:10	D	2.60
17	AMBALA	SAHA	S-NPP	30.31560	77.04930	10/15/2021	13:23:10	D	5.00
18	AMBALA	SAHA	S-NPP	30.33640	76.96730	10/15/2021	13:23:10	D	1.40
19	FATEHABAD	BHUNA	S-NPP	29.60090	75.81340	10/15/2021	13:23:10	D	1.90

20	FATEHABAD	BHUNA	S-NPP	29.60960	75.69780	10/15/2021	13:23:10	D	10.10
21	FATEHABAD	FATEHABAD	S-NPP	29.54830	75.53720	10/15/2021	13:23:10	D	2.60
22	FATEHABAD	FATEHABAD	S-NPP	29.55150	75.49390	10/15/2021	13:23:10	D	7.30
23	FATEHABAD	FATEHABAD	S-NPP	29.55820	75.49240	10/15/2021	13:23:10	D	8.30
24	FATEHABAD	FATEHABAD	S-NPP	29.58260	75.57660	10/15/2021	13:23:10	D	2.20
25	FATEHABAD	FATEHABAD	AQUA	29.54600	75.48100	10/15/2021	13:44:26	D	18.20
26	FATEHABAD	JAKHAL	S-NPP	29.76580	75.73630	10/15/2021	13:23:10	D	2.50
27	FATEHABAD	RATIA	S-NPP	29.65440	75.67550	10/15/2021	13:23:10	D	5.00
28	FATEHABAD	RATIA	S-NPP	29.67690	75.67950	10/15/2021	13:23:10	D	9.00
29	FATEHABAD	RATIA	AQUA	29.65300	75.66800	10/15/2021	13:44:26	D	16.10
30	FATEHABAD	RATIA	AQUA	29.65500	75.67900	10/15/2021	13:44:26	D	55.60
31	FATEHABAD	TOHANA	S-NPP	29.59090	75.85750	10/15/2021	13:23:10	D	2.90
32	FATEHABAD	TOHANA	S-NPP	29.60750	75.87490	10/15/2021	13:23:10	D	8.10
33	FATEHABAD	TOHANA	S-NPP	29.60960	75.86610	10/15/2021	13:23:10	D	7.80
34	FATEHABAD	TOHANA	S-NPP	29.61410	75.91540	10/15/2021	13:23:10	D	2.70
35	FATEHABAD	TOHANA	S-NPP	29.66110	75.67410	10/15/2021	13:23:10	D	13.80
36	FATEHABAD	TOHANA	S-NPP	29.67220	75.86950	10/15/2021	13:23:10	D	8.30
37	FATEHABAD	TOHANA	S-NPP	29.71430	75.86500	10/15/2021	13:23:10	D	5.20
38	FATEHABAD	TOHANA	S-NPP	29.71770	75.86430	10/15/2021	13:23:10	D	2.30
39	JIND	ALEWA	S-NPP	29.48160	76.43960	10/15/2021	13:23:10	D	3.80
40	JIND	ALEWA	S-NPP	29.50430	76.49650	10/15/2021	13:23:10	D	3.10
41	JIND	ALEWA	S-NPP	29.51750	76.49380	10/15/2021	13:23:10	D	5.10
42	JIND	ALEWA	S-NPP	29.54430	76.36080	10/15/2021	13:23:10	D	2.60
43	JIND	JIND	S-NPP	29.33070	76.40400	10/15/2021	13:23:10	D	5.60
44	JIND	NARWANA	S-NPP	29.72590	76.09590	10/15/2021	13:23:10	D	1.90
45	JIND	SAFIDON	S-NPP	29.46460	76.63070	10/15/2021	13:23:10	D	2.40
46	JIND	UCHANA	S-NPP	29.56360	76.10480	10/15/2021	13:23:10	D	8.70
47	KAITHAL	GUHLA	S-NPP	29.95230	76.32640	10/15/2021	13:23:10	D	3.60
48	KAITHAL	GUHLA	S-NPP	29.96860	76.25690	10/15/2021	13:23:10	D	1.70
49	KAITHAL	GUHLA	S-NPP	29.96930	76.26090	10/15/2021	13:23:10	D	4.10
50	KAITHAL	GUHLA	S-NPP	29.99490	76.23570	10/15/2021	13:23:10	D	0.60
51	KAITHAL	GUHLA	S-NPP	30.11040	76.27800	10/15/2021	13:23:10	D	3.00
52	KAITHAL	GUHLA	AQUA	29.96200	76.25100	10/15/2021	13:44:26	D	8.40

53	KAITHAL	GUHLA	AQUA	29.96300	76.26200	10/15/2021	13:44:26	D	13.20
54	KAITHAL	GUHLA	AQUA	30.07100	76.38100	10/15/2021	13:44:26	D	12.10
55	KAITHAL	KAITHAL	S-NPP	29.67100	76.41290	10/15/2021	13:23:10	D	2.50
56	KAITHAL	KAITHAL	S-NPP	29.75080	76.35960	10/15/2021	13:23:10	D	2.10
57	KAITHAL	KAITHAL	S-NPP	29.75210	76.36760	10/15/2021	13:23:10	D	5.70
58	KAITHAL	KAITHAL	S-NPP	29.78330	76.43520	10/15/2021	13:23:10	D	4.90
59	KAITHAL	KAITHAL	S-NPP	29.79530	76.36700	10/15/2021	13:23:10	D	2.40
60	KAITHAL	KAITHAL	S-NPP	29.79550	76.21830	10/15/2021	13:23:10	D	3.20
61	KAITHAL	KAITHAL	S-NPP	29.80170	76.49320	10/15/2021	13:23:10	D	3.60
62	KAITHAL	KAITHAL	S-NPP	29.80890	76.30230	10/15/2021	13:23:10	D	3.40
63	KAITHAL	KAITHAL	S-NPP	29.81740	76.50630	10/15/2021	13:23:10	D	4.90
64	KAITHAL	KAITHAL	S-NPP	29.82680	76.30680	10/15/2021	13:23:10	D	2.50
65	KAITHAL	KAITHAL	S-NPP	29.85090	76.52410	10/15/2021	13:23:10	D	21.10
66	KAITHAL	KAITHAL	S-NPP	29.85420	76.52340	10/15/2021	13:23:10	D	21.10
67	KAITHAL	KAITHAL	S-NPP	29.86080	76.52200	10/15/2021	13:23:10	D	6.50
68	KAITHAL	KAITHAL	S-NPP	29.87550	76.50670	10/15/2021	13:23:10	D	12.40
69	KAITHAL	KAITHAL	S-NPP	29.89450	76.51920	10/15/2021	13:23:10	D	3.60
70	KAITHAL	KAITHAL	S-NPP	29.89650	76.51060	10/15/2021	13:23:10	D	2.10
71	KAITHAL	KAITHAL	AQUA	29.74900	76.38900	10/15/2021	13:44:26	D	8.90
72	KAITHAL	KAITHAL	AQUA	29.78800	76.47200	10/15/2021	13:44:26	D	20.70
73	KAITHAL	KAITHAL	AQUA	29.81100	76.29500	10/15/2021	13:44:26	D	6.80
74	KAITHAL	KAITHAL	AQUA	29.84900	76.52200	10/15/2021	13:44:26	D	16.80
75	KAITHAL	KAITHAL	AQUA	29.85400	76.34200	10/15/2021	13:44:26	D	15.40
76	KAITHAL	KAITHAL	AQUA	29.85600	76.35300	10/15/2021	13:44:26	D	12.00
77	KAITHAL	KAITHAL	AQUA	29.85800	76.52000	10/15/2021	13:44:26	D	6.60
78	KAITHAL	KAITHAL	AQUA	29.86100	76.54200	10/15/2021	13:44:26	D	8.90
79	KAITHAL	KAITHAL	AQUA	29.95300	76.47600	10/15/2021	13:44:26	D	6.90
80	KAITHAL	KALAYAT	S-NPP	29.72650	76.33580	10/15/2021	13:23:10	D	2.70
81	KAITHAL	PUNDRI	S-NPP	29.62920	76.60210	10/15/2021	13:23:10	D	3.70
82	KAITHAL	PUNDRI	S-NPP	29.63000	76.58560	10/15/2021	13:23:10	D	5.70
83	KAITHAL	PUNDRI	S-NPP	29.63660	76.58420	10/15/2021	13:23:10	D	4.00
84	KAITHAL	PUNDRI	S-NPP	29.64840	76.59410	10/15/2021	13:23:10	D	2.80
85	KAITHAL	PUNDRI	S-NPP	29.64900	76.59800	10/15/2021	13:23:10	D	3.10

86	KAITHAL	PUNDRI	S-NPP	29.65230	76.59740	10/15/2021	13:23:10	D	2.70
87	KAITHAL	PUNDRI	S-NPP	29.68580	76.61510	10/15/2021	13:23:10	D	2.50
88	KAITHAL	PUNDRI	S-NPP	29.68910	76.61440	10/15/2021	13:23:10	D	1.50
89	KAITHAL	PUNDRI	S-NPP	29.70560	76.57030	10/15/2021	13:23:10	D	5.90
90	KAITHAL	PUNDRI	S-NPP	29.73870	76.62910	10/15/2021	13:23:10	D	2.40
91	KAITHAL	PUNDRI	S-NPP	29.75270	76.60980	10/15/2021	13:23:10	D	4.40
92	KAITHAL	PUNDRI	S-NPP	29.78470	76.64010	10/15/2021	13:23:10	D	14.80
93	KAITHAL	PUNDRI	S-NPP	29.79710	76.65400	10/15/2021	13:23:10	D	18.70
94	KAITHAL	PUNDRI	S-NPP	29.84200	76.64070	10/15/2021	13:23:10	D	3.90
95	KAITHAL	PUNDRI	S-NPP	29.84260	76.64470	10/15/2021	13:23:10	D	3.90
96	KAITHAL	PUNDRI	S-NPP	29.85510	76.57240	10/15/2021	13:23:10	D	1.60
97	KAITHAL	PUNDRI	S-NPP	29.86010	76.60420	10/15/2021	13:23:10	D	2.00
98	KAITHAL	PUNDRI	S-NPP	29.86100	76.65320	10/15/2021	13:23:10	D	1.70
99	KAITHAL	PUNDRI	S-NPP	29.86530	76.61550	10/15/2021	13:23:10	D	6.20
100	KAITHAL	PUNDRI	S-NPP	29.86940	76.66380	10/15/2021	13:23:10	D	2.10
101	KAITHAL	PUNDRI	S-NPP	29.87040	76.56110	10/15/2021	13:23:10	D	1.10
102	KAITHAL	PUNDRI	S-NPP	29.89290	76.68350	10/15/2021	13:23:10	D	1.20
103	KAITHAL	PUNDRI	S-NPP	29.90200	76.63250	10/15/2021	13:23:10	D	3.00
104	KAITHAL	PUNDRI	S-NPP	29.91560	76.58870	10/15/2021	13:23:10	D	10.30
105	KAITHAL	PUNDRI	AQUA	29.67100	76.69500	10/15/2021	13:44:26	D	7.00
106	KAITHAL	PUNDRI	AQUA	29.78000	76.63000	10/15/2021	13:44:26	D	9.60
107	KAITHAL	PUNDRI	AQUA	29.84600	76.63000	10/15/2021	13:44:26	D	6.90
108	KAITHAL	PUNDRI	AQUA	29.90000	76.62600	10/15/2021	13:44:26	D	6.90
109	KAITHAL	RAJOUND	S-NPP	29.59970	76.41530	10/15/2021	13:23:10	D	2.60
110	KAITHAL	RAJOUND	S-NPP	29.67050	76.56080	10/15/2021	13:23:10	D	2.80
111	KAITHAL	SIWAN	S-NPP	29.85970	76.32060	10/15/2021	13:23:10	D	34.30
112	KAITHAL	SIWAN	S-NPP	29.86480	76.35250	10/15/2021	13:23:10	D	23.30
113	KAITHAL	SIWAN	S-NPP	29.87250	76.29320	10/15/2021	13:23:10	D	2.30
114	KAITHAL	SIWAN	S-NPP	29.87520	76.29290	10/15/2021	13:23:10	D	4.00
115	KAITHAL	SIWAN	S-NPP	29.88280	76.34090	10/15/2021	13:23:10	D	8.40
116	KAITHAL	SIWAN	S-NPP	29.88380	76.28290	10/15/2021	13:23:10	D	2.10
117	KAITHAL	SIWAN	S-NPP	29.88470	76.24550	10/15/2021	13:23:10	D	6.10
118	KAITHAL	SIWAN	S-NPP	29.88980	76.27750	10/15/2021	13:23:10	D	6.30

119	KAITHAL	SIWAN	S-NPP	29.89020	76.32280	10/15/2021	13:23:10	D	4.20
120	KAITHAL	SIWAN	S-NPP	29.89350	76.32210	10/15/2021	13:23:10	D	4.30
121	KAITHAL	SIWAN	S-NPP	29.89420	76.19800	10/15/2021	13:23:10	D	2.10
122	KAITHAL	SIWAN	S-NPP	29.89450	76.26410	10/15/2021	13:23:10	D	4.20
123	KAITHAL	SIWAN	S-NPP	29.89510	76.26810	10/15/2021	13:23:10	D	9.80
124	KAITHAL	SIWAN	S-NPP	29.89860	76.24670	10/15/2021	13:23:10	D	3.60
125	KAITHAL	SIWAN	S-NPP	29.90070	76.32480	10/15/2021	13:23:10	D	4.30
126	KAITHAL	SIWAN	S-NPP	29.90290	76.29540	10/15/2021	13:23:10	D	1.80
127	KAITHAL	SIWAN	S-NPP	29.90410	76.19590	10/15/2021	13:23:10	D	3.30
128	KAITHAL	SIWAN	S-NPP	29.90520	76.24540	10/15/2021	13:23:10	D	3.10
129	KAITHAL	SIWAN	S-NPP	29.92940	76.18230	10/15/2021	13:23:10	D	2.20
130	KAITHAL	SIWAN	S-NPP	29.93370	76.23110	10/15/2021	13:23:10	D	3.90
131	KAITHAL	SIWAN	S-NPP	29.93980	76.31250	10/15/2021	13:23:10	D	2.70
132	KAITHAL	SIWAN	S-NPP	29.95040	76.40100	10/15/2021	13:23:10	D	2.10
133	KAITHAL	SIWAN	S-NPP	29.96150	76.23350	10/15/2021	13:23:10	D	5.20
134	KAITHAL	SIWAN	S-NPP	29.96210	76.23750	10/15/2021	13:23:10	D	12.50
135	KAITHAL	SIWAN	S-NPP	29.96480	76.23280	10/15/2021	13:23:10	D	5.20
136	KAITHAL	SIWAN	S-NPP	29.96540	76.23680	10/15/2021	13:23:10	D	12.50
137	KAITHAL	SIWAN	AQUA	29.85700	76.36400	10/15/2021	13:44:26	D	16.90
138	KAITHAL	SIWAN	AQUA	29.85800	76.37500	10/15/2021	13:44:26	D	16.10
139	KAITHAL	SIWAN	AQUA	29.88200	76.27100	10/15/2021	13:44:26	D	9.30
140	KAITHAL	SIWAN	AQUA	29.88400	76.28200	10/15/2021	13:44:26	D	6.60
141	KAITHAL	SIWAN	AQUA	29.89800	76.19600	10/15/2021	13:44:26	D	6.70
142	KAITHAL	SIWAN	AQUA	29.89900	76.32400	10/15/2021	13:44:26	D	10.30
143	KAITHAL	SIWAN	AQUA	29.90400	76.31700	10/15/2021	13:44:26	D	7.10
144	KAITHAL	SIWAN	AQUA	29.93200	76.31200	10/15/2021	13:44:26	D	10.10
145	KAITHAL	SIWAN	AQUA	29.94200	76.38800	10/15/2021	13:44:26	D	16.10
146	KAITHAL	SIWAN	AQUA	29.95900	76.23000	10/15/2021	13:44:26	D	7.90
147	KARNAL	ASSANDH	S-NPP	29.47380	76.55920	10/15/2021	13:23:10	D	2.10
148	KARNAL	ASSANDH	S-NPP	29.48240	76.50920	10/15/2021	13:23:10	D	4.30
149	KARNAL	ASSANDH	S-NPP	29.48290	76.63920	10/15/2021	13:23:10	D	1.60
150	KARNAL	ASSANDH	S-NPP	29.50110	76.79890	10/15/2021	13:23:10	D	2.50
151	KARNAL	ASSANDH	S-NPP	29.52460	76.79910	10/15/2021	13:23:10	D	1.80

152	KARNAL	ASSANDH	S-NPP	29.52950	76.63470	10/15/2021	13:23:10	D	3.60
153	KARNAL	ASSANDH	S-NPP	29.53010	76.57320	10/15/2021	13:23:10	D	2.90
154	KARNAL	ASSANDH	S-NPP	29.53970	76.74300	10/15/2021	13:23:10	D	2.30
155	KARNAL	ASSANDH	S-NPP	29.54010	76.83260	10/15/2021	13:23:10	D	7.10
156	KARNAL	ASSANDH	S-NPP	29.54380	76.72580	10/15/2021	13:23:10	D	1.60
157	KARNAL	ASSANDH	S-NPP	29.54630	76.52480	10/15/2021	13:23:10	D	1.90
158	KARNAL	ASSANDH	S-NPP	29.54690	76.52880	10/15/2021	13:23:10	D	3.70
159	KARNAL	ASSANDH	S-NPP	29.54960	76.52410	10/15/2021	13:23:10	D	1.90
160	KARNAL	ASSANDH	S-NPP	29.55930	76.75940	10/15/2021	13:23:10	D	4.20
161	KARNAL	ASSANDH	S-NPP	29.56280	76.80360	10/15/2021	13:23:10	D	9.40
162	KARNAL	ASSANDH	S-NPP	29.56810	76.66360	10/15/2021	13:23:10	D	2.10
163	KARNAL	ASSANDH	S-NPP	29.57190	76.68740	10/15/2021	13:23:10	D	2.60
164	KARNAL	ASSANDH	S-NPP	29.57810	76.66160	10/15/2021	13:23:10	D	1.90
165	KARNAL	ASSANDH	S-NPP	29.58110	76.55040	10/15/2021	13:23:10	D	3.80
166	KARNAL	ASSANDH	S-NPP	29.58650	76.80280	10/15/2021	13:23:10	D	2.10
167	KARNAL	ASSANDH	S-NPP	29.58770	76.61460	10/15/2021	13:23:10	D	6.40
168	KARNAL	ASSANDH	S-NPP	29.59950	76.60820	10/15/2021	13:23:10	D	1.70
169	KARNAL	ASSANDH	S-NPP	29.60360	76.67270	10/15/2021	13:23:10	D	2.10
170	KARNAL	ASSANDH	S-NPP	29.60610	76.75390	10/15/2021	13:23:10	D	8.60
171	KARNAL	ASSANDH	S-NPP	29.61080	76.59360	10/15/2021	13:23:10	D	1.70
172	KARNAL	ASSANDH	S-NPP	29.62260	76.60350	10/15/2021	13:23:10	D	3.20
173	KARNAL	ASSANDH	S-NPP	29.62320	76.60740	10/15/2021	13:23:10	D	3.20
174	KARNAL	ASSANDH	S-NPP	29.62650	76.60680	10/15/2021	13:23:10	D	3.70
175	KARNAL	ASSANDH	S-NPP	29.64970	76.66750	10/15/2021	13:23:10	D	9.10
176	KARNAL	ASSANDH	AQUA	29.53400	76.70200	10/15/2021	13:44:26	D	12.30
177	KARNAL	ASSANDH	AQUA	29.55600	76.80000	10/15/2021	13:44:26	D	13.90
178	KARNAL	ASSANDH	AQUA	29.56700	76.59500	10/15/2021	13:44:26	D	16.40
179	KARNAL	ASSANDH	AQUA	29.57700	76.55400	10/15/2021	13:44:26	D	8.10
180	KARNAL	ASSANDH	AQUA	29.58600	76.62000	10/15/2021	13:44:26	D	9.80
181	KARNAL	ASSANDH	AQUA	29.64800	76.66500	10/15/2021	13:44:26	D	8.80
182	KARNAL	CHIRAO	S-NPP	29.59680	76.82520	10/15/2021	13:23:10	D	6.00
183	KARNAL	CHIRAO	S-NPP	29.59800	76.83310	10/15/2021	13:23:10	D	4.60
184	KARNAL	CHIRAO	S-NPP	29.60830	76.85540	10/15/2021	13:23:10	D	1.60

185	KARNAL	CHIRAO	S-NPP	29.62120	76.87320	10/15/2021	13:23:10	D	21.50
186	KARNAL	CHIRAO	S-NPP	29.63960	76.88170	10/15/2021	13:23:10	D	3.70
187	KARNAL	CHIRAO	S-NPP	29.64390	76.78310	10/15/2021	13:23:10	D	1.60
188	KARNAL	CHIRAO	S-NPP	29.64460	76.78700	10/15/2021	13:23:10	D	3.20
189	KARNAL	CHIRAO	S-NPP	29.64790	76.78630	10/15/2021	13:23:10	D	2.60
190	KARNAL	CHIRAO	S-NPP	29.64850	76.79030	10/15/2021	13:23:10	D	2.60
191	KARNAL	CHIRAO	S-NPP	29.66990	76.75330	10/15/2021	13:23:10	D	11.00
192	KARNAL	CHIRAO	S-NPP	29.67890	76.83310	10/15/2021	13:23:10	D	2.50
193	KARNAL	CHIRAO	S-NPP	29.68320	76.86070	10/15/2021	13:23:10	D	2.10
194	KARNAL	CHIRAO	S-NPP	29.68470	76.84810	10/15/2021	13:23:10	D	1.90
195	KARNAL	CHIRAO	S-NPP	29.68530	76.85210	10/15/2021	13:23:10	D	3.00
196	KARNAL	CHIRAO	S-NPP	29.69800	76.71480	10/15/2021	13:23:10	D	2.40
197	KARNAL	CHIRAO	S-NPP	29.69900	76.91870	10/15/2021	13:23:10	D	1.20
198	KARNAL	CHIRAO	S-NPP	29.72680	76.70520	10/15/2021	13:23:10	D	2.90
199	KARNAL	CHIRAO	S-NPP	29.73130	76.71240	10/15/2021	13:23:10	D	9.10
200	KARNAL	CHIRAO	S-NPP	29.73860	76.78040	10/15/2021	13:23:10	D	4.90
201	KARNAL	CHIRAO	S-NPP	29.74180	76.77980	10/15/2021	13:23:10	D	7.00
202	KARNAL	CHIRAO	S-NPP	29.74780	76.77450	10/15/2021	13:23:10	D	3.80
203	KARNAL	CHIRAO	S-NPP	29.75460	76.81790	10/15/2021	13:23:10	D	4.40
204	KARNAL	CHIRAO	S-NPP	29.75710	76.76850	10/15/2021	13:23:10	D	3.20
205	KARNAL	CHIRAO	S-NPP	29.77240	76.75720	10/15/2021	13:23:10	D	1.50
206	KARNAL	CHIRAO	S-NPP	29.78000	76.71880	10/15/2021	13:23:10	D	5.30
207	KARNAL	CHIRAO	AQUA	29.60600	76.85400	10/15/2021	13:44:26	D	6.20
208	KARNAL	CHIRAO	AQUA	29.63400	76.84900	10/15/2021	13:44:26	D	8.40
209	KARNAL	CHIRAO	AQUA	29.63500	76.78100	10/15/2021	13:44:26	D	10.00
210	KARNAL	CHIRAO	AQUA	29.63600	76.79200	10/15/2021	13:44:26	D	15.80
211	KARNAL	CHIRAO	AQUA	29.64400	76.77900	10/15/2021	13:44:26	D	13.70
212	KARNAL	CHIRAO	AQUA	29.66900	76.75200	10/15/2021	13:44:26	D	7.40
213	KARNAL	CHIRAO	AQUA	29.67300	76.70600	10/15/2021	13:44:26	D	7.70
214	KARNAL	GHARAUNDA	S-NPP	29.49040	76.92720	10/15/2021	13:23:10	D	4.70
215	KARNAL	GHARAUNDA	S-NPP	29.51770	77.06010	10/15/2021	13:23:10	D	2.40
216	KARNAL	GHARAUNDA	S-NPP	29.54180	76.90960	10/15/2021	13:23:10	D	2.90
217	KARNAL	GHARAUNDA	S-NPP	29.55780	76.94710	10/15/2021	13:23:10	D	2.50

218	KARNAL	GHARAUNDA	S-NPP	29.58890	76.88380	10/15/2021	13:23:10	D	1.00
219	KARNAL	GHARAUNDA	S-NPP	29.59090	76.98520	10/15/2021	13:23:10	D	2.00
220	KARNAL	GHARAUNDA	S-NPP	29.61720	77.04510	10/15/2021	13:23:10	D	10.90
221	KARNAL	GHARAUNDA	S-NPP	29.62850	77.03060	10/15/2021	13:23:10	D	4.10
222	KARNAL	INDRI	S-NPP	29.81830	77.05400	10/15/2021	13:23:10	D	6.50
223	KARNAL	INDRI	S-NPP	29.84340	77.04080	10/15/2021	13:23:10	D	1.90
224	KARNAL	INDRI	S-NPP	29.89030	77.08450	10/15/2021	13:23:10	D	3.10
225	KARNAL	INDRI	S-NPP	29.94130	77.10690	10/15/2021	13:23:10	D	3.10
226	KARNAL	INDRI	S-NPP	29.94940	77.13790	10/15/2021	13:23:10	D	3.30
227	KARNAL	KARNAL	S-NPP	29.63120	77.02600	10/15/2021	13:23:10	D	5.00
228	KARNAL	KARNAL	S-NPP	29.63370	77.04180	10/15/2021	13:23:10	D	7.50
229	KARNAL	KARNAL	S-NPP	29.64580	76.96600	10/15/2021	13:23:10	D	2.90
230	KARNAL	KARNAL	S-NPP	29.64640	76.97000	10/15/2021	13:23:10	D	2.90
231	KARNAL	KARNAL	S-NPP	29.69370	77.08280	10/15/2021	13:23:10	D	4.20
232	KARNAL	KARNAL	S-NPP	29.69930	77.05310	10/15/2021	13:23:10	D	2.60
233	KARNAL	KARNAL	S-NPP	29.70240	77.07290	10/15/2021	13:23:10	D	1.00
234	KARNAL	KARNAL	S-NPP	29.72220	77.11370	10/15/2021	13:23:10	D	2.40
235	KARNAL	KARNAL	S-NPP	29.75370	77.07480	10/15/2021	13:23:10	D	2.00
236	KARNAL	KARNAL	S-NPP	29.76520	76.99500	10/15/2021	13:23:10	D	2.30
237	KARNAL	KARNAL	S-NPP	29.76830	76.99470	10/15/2021	13:23:10	D	6.40
238	KARNAL	KARNAL	S-NPP	29.77140	77.01450	10/15/2021	13:23:10	D	8.60
239	KARNAL	KARNAL	S-NPP	29.79270	77.04280	10/15/2021	13:23:10	D	3.70
240	KARNAL	KARNAL	S-NPP	29.79310	77.06720	10/15/2021	13:23:10	D	2.60
241	KARNAL	KARNAL	S-NPP	29.79600	77.04220	10/15/2021	13:23:10	D	5.30
242	KARNAL	KARNAL	S-NPP	29.80060	77.09430	10/15/2021	13:23:10	D	5.70
243	KARNAL	KARNAL	AQUA	29.70700	77.04500	10/15/2021	13:44:26	D	6.70
244	KARNAL	KARNAL	AQUA	29.78600	77.01400	10/15/2021	13:44:26	D	35.10
245	KARNAL	KARNAL	AQUA	29.79600	77.09400	10/15/2021	13:44:26	D	13.50
246	KARNAL	NILOKHERI	S-NPP	29.75360	76.91990	10/15/2021	13:23:10	D	2.10
247	KARNAL	NILOKHERI	S-NPP	29.78500	76.92610	10/15/2021	13:23:10	D	3.40
248	KARNAL	NILOKHERI	S-NPP	29.80590	76.81970	10/15/2021	13:23:10	D	3.50
249	KARNAL	NILOKHERI	S-NPP	29.80650	76.82370	10/15/2021	13:23:10	D	3.50
250	KARNAL	NILOKHERI	S-NPP	29.83260	76.90420	10/15/2021	13:23:10	D	2.40

251	KARNAL	NILOKHERI	S-NPP	29.84000	76.99660	10/15/2021	13:23:10	D	4.00
252	KARNAL	NILOKHERI	S-NPP	29.84630	76.86060	10/15/2021	13:23:10	D	3.90
253	KARNAL	NILOKHERI	S-NPP	29.84660	76.88500	10/15/2021	13:23:10	D	3.10
254	KARNAL	NILOKHERI	S-NPP	29.85400	76.76110	10/15/2021	13:23:10	D	2.40
255	KARNAL	NILOKHERI	S-NPP	29.85970	76.84160	10/15/2021	13:23:10	D	6.90
256	KARNAL	NILOKHERI	S-NPP	29.87130	76.91680	10/15/2021	13:23:10	D	2.70
257	KARNAL	NILOKHERI	S-NPP	29.88020	76.71070	10/15/2021	13:23:10	D	4.00
258	KARNAL	NILOKHERI	S-NPP	29.88670	76.84020	10/15/2021	13:23:10	D	1.30
259	KARNAL	NILOKHERI	S-NPP	29.88820	76.69680	10/15/2021	13:23:10	D	1.90
260	KARNAL	NILOKHERI	S-NPP	29.88880	76.70080	10/15/2021	13:23:10	D	1.90
261	KARNAL	NILOKHERI	AQUA	29.87500	76.85400	10/15/2021	13:44:26	D	14.50
262	KARNAL	NILOKHERI	AQUA	29.89000	76.69600	10/15/2021	13:44:26	D	5.90
263	KURUKSHETRA	BABAIN	S-NPP	30.00810	76.96710	10/15/2021	13:23:10	D	1.80
264	KURUKSHETRA	BABAIN	S-NPP	30.05970	76.99340	10/15/2021	13:23:10	D	3.20
265	KURUKSHETRA	BABAIN	S-NPP	30.12410	77.06300	10/15/2021	13:23:10	D	3.40
266	KURUKSHETRA	BABAIN	AQUA	30.14100	77.00000	10/15/2021	13:44:26	D	6.00
267	KURUKSHETRA	ISMAILABAD	S-NPP	30.06720	76.75940	10/15/2021	13:23:10	D	3.20
268	KURUKSHETRA	ISMAILABAD	S-NPP	30.06780	76.76340	10/15/2021	13:23:10	D	3.20
269	KURUKSHETRA	ISMAILABAD	S-NPP	30.09510	76.67590	10/15/2021	13:23:10	D	5.40
270	KURUKSHETRA	ISMAILABAD	S-NPP	30.09590	76.65940	10/15/2021	13:23:10	D	2.00
271	KURUKSHETRA	ISMAILABAD	S-NPP	30.10120	76.65000	10/15/2021	13:23:10	D	2.00
272	KURUKSHETRA	ISMAILABAD	S-NPP	30.11790	76.75730	10/15/2021	13:23:10	D	2.30
273	KURUKSHETRA	ISMAILABAD	S-NPP	30.13550	76.65120	10/15/2021	13:23:10	D	8.40
274	KURUKSHETRA	ISMAILABAD	S-NPP	30.13750	76.70820	10/15/2021	13:23:10	D	6.40
275	KURUKSHETRA	ISMAILABAD	S-NPP	30.16250	76.69520	10/15/2021	13:23:10	D	1.60
276	KURUKSHETRA	ISMAILABAD	S-NPP	30.17070	76.79190	10/15/2021	13:23:10	D	3.00
277	KURUKSHETRA	ISMAILABAD	AQUA	30.05100	76.66700	10/15/2021	13:44:26	D	7.70
278	KURUKSHETRA	ISMAILABAD	AQUA	30.10900	76.74900	10/15/2021	13:44:26	D	16.80
279	KURUKSHETRA	LADWA	S-NPP	29.96630	77.00380	10/15/2021	13:23:10	D	3.00
280	KURUKSHETRA	LADWA	S-NPP	30.00730	77.02850	10/15/2021	13:23:10	D	1.70
281	KURUKSHETRA	PEHOWA	S-NPP	29.95460	76.68760	10/15/2021	13:23:10	D	8.60
282	KURUKSHETRA	PEHOWA	S-NPP	29.97180	76.53640	10/15/2021	13:23:10	D	3.90
283	KURUKSHETRA	PEHOWA	S-NPP	29.97350	76.70010	10/15/2021	13:23:10	D	2.30

284	KURUKSHETRA	PEHOWA	S-NPP	30.06740	76.60780	10/15/2021	13:23:10	D	2.30
285	KURUKSHETRA	PEHOWA	AQUA	30.03200	76.44400	10/15/2021	13:44:26	D	53.90
286	KURUKSHETRA	PEHOWA	AQUA	30.03400	76.45500	10/15/2021	13:44:26	D	13.40
287	KURUKSHETRA	PEHOWA	AQUA	30.04100	76.44300	10/15/2021	13:44:26	D	8.70
288	KURUKSHETRA	SHAHBAD	S-NPP	30.08230	76.87920	10/15/2021	13:23:10	D	10.10
289	KURUKSHETRA	SHAHBAD	S-NPP	30.11350	76.86060	10/15/2021	13:23:10	D	1.80
290	KURUKSHETRA	SHAHBAD	S-NPP	30.12270	76.85460	10/15/2021	13:23:10	D	4.10
291	KURUKSHETRA	SHAHBAD	S-NPP	30.12730	76.79630	10/15/2021	13:23:10	D	3.80
292	KURUKSHETRA	SHAHBAD	S-NPP	30.13850	76.80220	10/15/2021	13:23:10	D	2.80
293	KURUKSHETRA	SHAHBAD	S-NPP	30.15140	76.82010	10/15/2021	13:23:10	D	2.40
294	KURUKSHETRA	SHAHBAD	S-NPP	30.17380	76.87700	10/15/2021	13:23:10	D	6.20
295	KURUKSHETRA	SHAHBAD	S-NPP	30.17840	76.92930	10/15/2021	13:23:10	D	7.60
296	KURUKSHETRA	SHAHBAD	S-NPP	30.18480	76.81770	10/15/2021	13:23:10	D	2.30
297	KURUKSHETRA	THANESAR	S-NPP	29.87460	76.74050	10/15/2021	13:23:10	D	3.30
298	KURUKSHETRA	THANESAR	S-NPP	29.87920	76.85800	10/15/2021	13:23:10	D	16.00
299	KURUKSHETRA	THANESAR	S-NPP	29.88970	76.86000	10/15/2021	13:23:10	D	5.30
300	KURUKSHETRA	THANESAR	S-NPP	29.89080	76.82300	10/15/2021	13:23:10	D	5.20
301	KURUKSHETRA	THANESAR	S-NPP	29.89410	76.82230	10/15/2021	13:23:10	D	5.20
302	KURUKSHETRA	THANESAR	S-NPP	29.90670	76.75030	10/15/2021	13:23:10	D	3.30
303	KURUKSHETRA	THANESAR	S-NPP	29.90730	76.81960	10/15/2021	13:23:10	D	2.40
304	KURUKSHETRA	THANESAR	S-NPP	29.91060	76.81890	10/15/2021	13:23:10	D	2.60
305	KURUKSHETRA	THANESAR	S-NPP	29.91180	76.82690	10/15/2021	13:23:10	D	5.00
306	KURUKSHETRA	THANESAR	S-NPP	29.91510	76.82620	10/15/2021	13:23:10	D	5.00
307	KURUKSHETRA	THANESAR	S-NPP	29.91710	76.70730	10/15/2021	13:23:10	D	1.80
308	KURUKSHETRA	THANESAR	S-NPP	29.92790	76.86450	10/15/2021	13:23:10	D	3.30
309	KURUKSHETRA	THANESAR	S-NPP	29.94280	76.76340	10/15/2021	13:23:10	D	1.70
310	KURUKSHETRA	THANESAR	S-NPP	29.97700	76.80980	10/15/2021	13:23:10	D	7.10
311	KURUKSHETRA	THANESAR	S-NPP	29.97760	76.81380	10/15/2021	13:23:10	D	7.10
312	KURUKSHETRA	THANESAR	S-NPP	29.98540	76.82040	10/15/2021	13:23:10	D	2.60
313	KURUKSHETRA	THANESAR	S-NPP	29.99740	76.80970	10/15/2021	13:23:10	D	5.60
314	KURUKSHETRA	THANESAR	S-NPP	30.00070	76.91950	10/15/2021	13:23:10	D	2.50
315	KURUKSHETRA	THANESAR	S-NPP	30.00240	76.88640	10/15/2021	13:23:10	D	2.10
316	KURUKSHETRA	THANESAR	S-NPP	30.01390	76.80640	10/15/2021	13:23:10	D	2.10

317	KURUKSHETRA	THANESAR	S-NPP	30.02340	76.71440	10/15/2021	13:23:10	D	4.90
318	KURUKSHETRA	THANESAR	S-NPP	30.02380	76.91480	10/15/2021	13:23:10	D	3.60
319	KURUKSHETRA	THANESAR	S-NPP	30.02650	76.79970	10/15/2021	13:23:10	D	8.20
320	KURUKSHETRA	THANESAR	S-NPP	30.02710	76.73830	10/15/2021	13:23:10	D	2.70
321	KURUKSHETRA	THANESAR	S-NPP	30.03650	76.84270	10/15/2021	13:23:10	D	5.90
322	KURUKSHETRA	THANESAR	S-NPP	30.09770	76.80240	10/15/2021	13:23:10	D	2.30
323	KURUKSHETRA	THANESAR	S-NPP	30.11910	76.76520	10/15/2021	13:23:10	D	3.90
324	KURUKSHETRA	THANESAR	AQUA	29.92500	76.81600	10/15/2021	13:44:26	D	8.70
325	KURUKSHETRA	THANESAR	AQUA	29.92600	76.82700	10/15/2021	13:44:26	D	11.30
326	KURUKSHETRA	THANESAR	AQUA	29.93100	76.94200	10/15/2021	13:44:26	D	7.20
327	KURUKSHETRA	THANESAR	AQUA	29.95500	76.90300	10/15/2021	13:44:26	D	11.20
328	KURUKSHETRA	THANESAR	AQUA	30.01300	76.79500	10/15/2021	13:44:26	D	14.30
329	KURUKSHETRA	THANESAR	AQUA	30.08700	76.79900	10/15/2021	13:44:26	D	7.00
330	PALWAL	HASSANPUR	S-NPP	27.94760	77.48810	10/15/2021	13:23:10	D	2.40
331	PALWAL	HASSANPUR	S-NPP	28.00560	77.49280	10/15/2021	13:23:10	D	8.10
332	PALWAL	HODAL	S-NPP	27.90390	77.42460	10/15/2021	13:23:10	D	4.30
333	PALWAL	HODAL	S-NPP	27.90450	77.47250	10/15/2021	13:23:10	D	8.20
334	PALWAL	HODAL	S-NPP	27.91680	77.44200	10/15/2021	13:23:10	D	3.10
335	PALWAL	HODAL	S-NPP	27.92850	77.45180	10/15/2021	13:23:10	D	3.60
336	PALWAL	HODAL	S-NPP	27.93870	77.38570	10/15/2021	13:23:10	D	10.50
337	PALWAL	PALWAL	S-NPP	28.11340	77.35560	10/15/2021	13:23:10	D	1.80
338	PALWAL	PALWAL	S-NPP	28.16260	77.49840	10/15/2021	13:23:10	D	3.00
339	PANIPAT	BAPPAULI	S-NPP	29.24860	77.11770	10/15/2021	13:23:10	D	3.20
340	PANIPAT	ISRANA	S-NPP	29.26630	76.72800	10/15/2021	13:23:10	D	4.40
341	PANIPAT	ISRANA	S-NPP	29.28590	76.91930	10/15/2021	13:23:10	D	3.70
342	PANIPAT	ISRANA	S-NPP	29.29070	76.90620	10/15/2021	13:23:10	D	1.10
343	PANIPAT	ISRANA	S-NPP	29.32860	76.91100	10/15/2021	13:23:10	D	3.00
344	PANIPAT	ISRANA	AQUA	29.32700	76.94900	10/15/2021	13:44:26	D	5.30
345	PANIPAT	MADLAUDA	S-NPP	29.44600	76.83850	10/15/2021	13:23:10	D	1.50
346	PANIPAT	MADLAUDA	S-NPP	29.46160	76.85170	10/15/2021	13:23:10	D	2.40
347	PANIPAT	PANIPAT	S-NPP	29.44960	76.92730	10/15/2021	13:23:10	D	2.30
348	PANIPAT	SAMALKHA	S-NPP	29.17020	77.11300	10/15/2021	13:23:10	D	4.20
349	SIRSA	BARAGUNDA	AQUA	29.70300	75.15500	10/15/2021	13:44:26	D	8.80

350	SIRSA	RANIA	S-NPP	29.50720	74.85560	10/15/2021	13:23:10	D	1.80
351	SIRSA	SIRSA	S-NPP	29.53540	75.23090	10/15/2021	13:23:10	D	1.60
352	SONIPAT	MUNDLANA	S-NPP	29.17300	76.61230	10/15/2021	13:23:10	D	2.30
353	SONIPAT	MUNDLANA	AQUA	29.18500	76.69600	10/15/2021	13:44:26	D	9.60
354	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.21870	77.35100	10/15/2021	13:23:10	D	2.90
355	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.23160	77.32390	10/15/2021	13:23:10	D	11.50
356	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.23770	77.16330	10/15/2021	13:23:10	D	1.00
357	YAMUNANAGAR	RADAUR	S-NPP	29.99510	77.21460	10/15/2021	13:23:10	D	6.10
358	YAMUNANAGAR	RADAUR	S-NPP	30.04520	77.14350	10/15/2021	13:23:10	D	2.50
359	YAMUNANAGAR	RADAUR	S-NPP	30.07380	77.17460	10/15/2021	13:23:10	D	2.40
360	YAMUNANAGAR	RADAUR	S-NPP	30.12420	77.15300	10/15/2021	13:23:10	D	4.60
361	YAMUNANAGAR	RADAUR	AQUA	29.98400	77.13300	10/15/2021	13:44:26	D	6.60
362	YAMUNANAGAR	SADHAURA	S-NPP	30.37720	77.21330	10/15/2021	13:23:10	D	3.40
363	YAMUNANAGAR	SADHAURA	S-NPP	30.40150	77.21670	10/15/2021	13:23:10	D	3.00

Details of residue burning events in Uttar Pradesh on 15-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ALIGARH	KHAIR	S-NPP	27.96570	77.67270	10/15/2021	13:23:10	D	8.30
2	ALIGARH	KHAIR	S-NPP	27.97190	77.53550	10/15/2021	13:23:10	D	5.90
3	ALIGARH	KHAIR	S-NPP	28.07020	77.60440	10/15/2021	13:23:10	D	1.80
4	ALIGARH	KOL	S-NPP	27.83350	78.19400	10/15/2021	02:13:10	N	1.00
5	ALLAHABAD	PHULPUR	S-NPP	25.52370	81.99340	10/15/2021	13:23:10	D	3.60
6	BADAUN	DATAGANJ	S-NPP	27.96210	79.36500	10/15/2021	13:23:10	D	1.70
7	BARABANKI	FATEHPUR	S-NPP	27.21930	81.07030	10/15/2021	13:23:10	D	3.10
8	BARABANKI	FATEHPUR	S-NPP	27.30730	81.27160	10/15/2021	13:23:10	D	4.60
9	BARABANKI	NAWABGANJ	S-NPP	26.89240	81.14070	10/15/2021	13:23:10	D	3.80
10	BARABANKI	SIRAULI GAUSPUR	S-NPP	26.94240	81.40070	10/15/2021	13:23:10	D	3.60
11	BAREILLY	BAHERI	S-NPP	28.79900	79.65710	10/15/2021	13:23:10	D	9.70
12	BAREILLY	BAHERI	S-NPP	28.83950	79.64570	10/15/2021	13:23:10	D	10.40
13	BAREILLY	BAHERI	S-NPP	28.84970	79.46770	10/15/2021	13:23:10	D	3.10

14	BAREILLY	BAHERI	S-NPP	28.88260	79.40190	10/15/2021	13:23:10	D	2.60
15	BAREILLY	BAHERI	S-NPP	28.88600	79.40130	10/15/2021	13:23:10	D	2.60
16	BASTI	BASTI	S-NPP	26.84240	82.81340	10/15/2021	13:23:10	D	8.50
17	BIJNOR	DHAMPUR	S-NPP	29.07210	78.52240	10/15/2021	13:23:10	D	1.90
18	BULANDSAHAR	SHIKARPUR	S-NPP	28.09540	78.12310	10/15/2021	02:13:10	N	0.50
19	ETAWAH	BHARTHNA	S-NPP	26.94170	79.20400	10/15/2021	13:23:10	D	3.80
20	FATEHPUR	BINKI	S-NPP	26.11900	80.41120	10/15/2021	13:23:10	D	1.10
21	FATEHPUR	FATEHPUR	S-NPP	25.99750	80.89280	10/15/2021	13:23:10	D	2.50
22	FATEHPUR	FATEHPUR	S-NPP	26.00830	80.86120	10/15/2021	13:23:10	D	3.50
23	FATEHPUR	KHAGA	S-NPP	25.79970	81.23800	10/15/2021	13:23:10	D	1.90
24	FATEHPUR	KHAGA	S-NPP	25.84770	81.03110	10/15/2021	13:23:10	D	2.80
25	FIROZABAD	JASRANA	S-NPP	27.32790	78.54280	10/15/2021	13:23:10	D	2.20
26	FIROZABAD	SIKOHABAD	S-NPP	27.09120	78.69830	10/15/2021	13:23:10	D	2.00
27	HARDOI	SANDILA	S-NPP	27.20900	80.52470	10/15/2021	13:23:10	D	2.10
28	JHANSI	JHANSI	S-NPP	25.51040	78.73420	10/15/2021	13:23:10	D	3.70
29	JHANSI	TAHRAULI	S-NPP	25.57890	78.76110	10/15/2021	13:23:10	D	4.80
30	JHANSI	TAHRAULI	S-NPP	25.57950	78.76490	10/15/2021	13:23:10	D	4.40
31	JHANSI	TAHRAULI	AQUA	25.54500	78.75400	10/15/2021	13:44:26	D	8.00
32	KANPUR DEHAT	AKBARPUR	S-NPP	26.36900	80.07970	10/15/2021	13:23:10	D	1.40
33	KASGANJ	KASGANJ	S-NPP	27.73280	78.78830	10/15/2021	13:23:10	D	4.60
34	KASGANJ	KASGANJ	S-NPP	27.83910	78.77720	10/15/2021	13:23:10	D	4.60
35	KHERI	GOLA	S-NPP	27.88550	80.34000	10/15/2021	13:23:10	D	3.10
36	KHERI	GOLA	S-NPP	27.90580	80.30550	10/15/2021	13:23:10	D	10.00
37	KHERI	GOLA	S-NPP	28.22220	80.30930	10/15/2021	13:23:10	D	6.60
38	KHERI	GOLA	AQUA	28.15800	80.48900	10/15/2021	13:44:26	D	12.80
39	KHERI	LAKHIMPUR	S-NPP	28.04760	80.64760	10/15/2021	13:23:10	D	1.80
40	KHERI	MOHMADI	S-NPP	27.82960	80.35710	10/15/2021	13:23:10	D	1.70
41	KHERI	MOHMADI	S-NPP	27.89020	80.26830	10/15/2021	13:23:10	D	2.30
42	KHERI	MOHMADI	S-NPP	27.97870	80.25860	10/15/2021	13:23:10	D	3.50
43	KHERI	MOHMADI	S-NPP	28.02330	80.22010	10/15/2021	13:23:10	D	4.60
44	KHERI	MOHMADI	AQUA	28.02400	80.19900	10/15/2021	13:44:26	D	15.50
45	KHERI	PALIA KALAN	S-NPP	28.31160	80.49750	10/15/2021	13:23:10	D	3.80
46	KHERI	PALIA KALAN	S-NPP	28.31510	80.49690	10/15/2021	13:23:10	D	3.80

47	MAINPURI	BHOGAON	S-NPP	27.06040	79.20740	10/15/2021	13:23:10	D	3.00
48	MAINPURI	KARHAL	S-NPP	27.10930	79.03320	10/15/2021	13:23:10	D	3.00
49	MAINPURI	MAINPURI	S-NPP	27.26220	78.91640	10/15/2021	02:13:10	N	1.30
50	MATHURA	CHHATA	S-NPP	27.68490	77.45440	10/15/2021	13:23:10	D	2.60
51	MATHURA	CHHATA	S-NPP	27.75470	77.31280	10/15/2021	13:23:10	D	3.30
52	MATHURA	CHHATA	S-NPP	27.77460	77.48500	10/15/2021	13:23:10	D	3.10
53	MATHURA	CHHATA	S-NPP	27.78940	77.47470	10/15/2021	13:23:10	D	3.40
54	MATHURA	CHHATA	S-NPP	27.79830	77.68430	10/15/2021	13:23:10	D	9.10
55	MATHURA	CHHATA	S-NPP	27.80160	77.68360	10/15/2021	13:23:10	D	10.60
56	MATHURA	CHHATA	AQUA	27.58600	77.47800	10/15/2021	13:44:26	D	11.00
57	MATHURA	CHHATA	AQUA	27.84300	77.52700	10/15/2021	13:44:26	D	15.50
58	MATHURA	MATHURA	S-NPP	27.49060	77.51200	10/15/2021	13:23:10	D	2.20
59	MEERUT	MAWANA	S-NPP	29.15060	78.03680	10/15/2021	13:23:10	D	2.30
60	MORADABAD	MORADABAD	AQUA	29.11200	78.92400	10/15/2021	13:44:26	D	12.10
61	MUZAFARNAGAR	JANSATH	S-NPP	29.28600	78.06500	10/15/2021	13:23:10	D	3.10
62	PILHIBHIT	BISALPUR	AQUA	28.13000	79.90300	10/15/2021	13:44:26	D	9.10
63	PILHIBHIT	PURANPUR	S-NPP	28.33490	80.15780	10/15/2021	13:23:10	D	4.50
64	PILHIBHIT	PURANPUR	S-NPP	28.34760	80.17330	10/15/2021	13:23:10	D	7.50
65	PILHIBHIT	PURANPUR	S-NPP	28.35860	80.12270	10/15/2021	13:23:10	D	6.30
66	PILHIBHIT	PURANPUR	S-NPP	28.38350	80.03520	10/15/2021	13:23:10	D	3.70
67	PILHIBHIT	PURANPUR	S-NPP	28.38620	80.16310	10/15/2021	13:23:10	D	5.50
68	PILHIBHIT	PURANPUR	S-NPP	28.40710	80.15950	10/15/2021	13:23:10	D	4.70
69	PILHIBHIT	PURANPUR	S-NPP	28.40810	80.22170	10/15/2021	13:23:10	D	2.60
70	PILHIBHIT	PURANPUR	S-NPP	28.41050	80.15890	10/15/2021	13:23:10	D	9.90
71	PILHIBHIT	PURANPUR	S-NPP	28.41160	80.22120	10/15/2021	13:23:10	D	3.00
72	PILHIBHIT	PURANPUR	S-NPP	28.41280	80.17630	10/15/2021	13:23:10	D	6.00
73	PILHIBHIT	PURANPUR	S-NPP	28.42960	80.22260	10/15/2021	13:23:10	D	1.40
74	PILHIBHIT	PURANPUR	S-NPP	28.43020	80.12010	10/15/2021	13:23:10	D	2.10
75	PILHIBHIT	PURANPUR	S-NPP	28.46260	80.07030	10/15/2021	13:23:10	D	3.10
76	PILHIBHIT	PURANPUR	S-NPP	28.46600	80.06970	10/15/2021	13:23:10	D	3.10
77	PILHIBHIT	PURANPUR	S-NPP	28.47190	80.11300	10/15/2021	13:23:10	D	6.60
78	PILHIBHIT	PURANPUR	S-NPP	28.48280	80.08900	10/15/2021	13:23:10	D	2.80
79	PILHIBHIT	PURANPUR	S-NPP	28.48440	80.08970	10/15/2021	13:23:10	D	4.70

80	PILHIBHIT	PURANPUR	S-NPP	28.48520	80.10630	10/15/2021	13:23:10	D	3.00
81	PILHIBHIT	PURANPUR	S-NPP	28.48620	80.04960	10/15/2021	13:23:10	D	5.20
82	PILHIBHIT	PURANPUR	S-NPP	28.48620	80.07610	10/15/2021	13:23:10	D	7.00
83	PILHIBHIT	PURANPUR	S-NPP	28.48790	80.08910	10/15/2021	13:23:10	D	4.00
84	PILHIBHIT	PURANPUR	S-NPP	28.49140	80.08850	10/15/2021	13:23:10	D	4.00
85	PILHIBHIT	PURANPUR	S-NPP	28.50120	80.08240	10/15/2021	13:23:10	D	5.70
86	PILHIBHIT	PURANPUR	S-NPP	28.51680	80.09310	10/15/2021	13:23:10	D	5.50
87	PILHIBHIT	PURANPUR	S-NPP	28.53470	80.09450	10/15/2021	13:23:10	D	11.50
88	PILHIBHIT	PURANPUR	S-NPP	28.53820	80.09390	10/15/2021	13:23:10	D	4.60
89	PILHIBHIT	PURANPUR	S-NPP	28.57470	80.00260	10/15/2021	02:13:10	N	1.10
90	PILHIBHIT	PURANPUR	AQUA	28.41300	80.21900	10/15/2021	13:44:26	D	8.70
91	PILHIBHIT	PURANPUR	AQUA	28.43600	80.11800	10/15/2021	13:44:26	D	9.10
92	PILHIBHIT	PURANPUR	AQUA	28.51500	80.10000	10/15/2021	13:44:26	D	13.00
93	RAMPUR	BILASPUR	S-NPP	28.82290	79.29740	10/15/2021	13:23:10	D	1.70
94	RAMPUR	BILASPUR	S-NPP	28.83700	79.24820	10/15/2021	13:23:10	D	2.90
95	RAMPUR	BILASPUR	S-NPP	28.89770	79.33520	10/15/2021	13:23:10	D	22.60
96	RAMPUR	BILASPUR	S-NPP	28.90380	79.20350	10/15/2021	13:23:10	D	6.10
97	RAMPUR	BILASPUR	S-NPP	28.90610	79.22000	10/15/2021	13:23:10	D	3.90
98	RAMPUR	BILASPUR	S-NPP	28.91290	79.21880	10/15/2021	13:23:10	D	4.70
99	RAMPUR	BILASPUR	S-NPP	28.92080	79.25130	10/15/2021	13:23:10	D	7.70
100	RAMPUR	BILASPUR	S-NPP	28.92400	79.39890	10/15/2021	13:23:10	D	4.40
101	RAMPUR	BILASPUR	S-NPP	28.92600	79.31420	10/15/2021	13:23:10	D	3.50
102	RAMPUR	BILASPUR	S-NPP	28.92990	79.26670	10/15/2021	13:23:10	D	3.00
103	RAMPUR	BILASPUR	AQUA	28.87700	79.21400	10/15/2021	13:44:26	D	16.10
104	RAMPUR	MILAK	S-NPP	28.69520	79.23060	10/15/2021	13:23:10	D	4.80
105	RAMPUR	TANDA	S-NPP	29.07520	78.96240	10/15/2021	13:23:10	D	1.40
106	SAMBHAL	GUNNAUR	S-NPP	28.21490	78.38880	10/15/2021	13:23:10	D	2.80
107	SAMBHAL	SAMBHAL	AQUA	28.56300	78.58700	10/15/2021	13:44:26	D	11.30
108	SHAHJAHANPUR	JALALABAD	S-NPP	27.70730	79.68970	10/15/2021	13:23:10	D	2.80
109	SHAHJAHANPUR	PUWANYA	S-NPP	28.01460	80.10280	10/15/2021	13:23:10	D	4.50
110	SHAHJAHANPUR	PUWANYA	S-NPP	28.03120	80.09230	10/15/2021	02:13:10	N	0.40
111	SHAHJAHANPUR	PUWANYA	S-NPP	28.04860	80.10170	10/15/2021	02:13:10	N	0.60
112	SHAHJAHANPUR	PUWANYA	S-NPP	28.10770	80.12320	10/15/2021	13:23:10	D	4.90

113	SHAHJAHANPUR	PUWANYA	S-NPP	28.11750	80.19650	10/15/2021	13:23:10	D	4.00
114	SHAHJAHANPUR	PUWANYA	S-NPP	28.14880	80.10760	10/15/2021	02:13:10	N	0.90
115	SHAHJAHANPUR	PUWANYA	S-NPP	28.16600	80.16170	10/15/2021	13:23:10	D	4.00
116	SHAHJAHANPUR	PUWANYA	S-NPP	28.22460	80.16660	10/15/2021	13:23:10	D	3.80
117	SHAHJAHANPUR	PUWANYA	S-NPP	28.22800	80.16600	10/15/2021	13:23:10	D	3.80
118	SHAHJAHANPUR	PUWANYA	S-NPP	28.24370	80.17660	10/15/2021	13:23:10	D	2.30
119	SHAHJAHANPUR	PUWANYA	S-NPP	28.24940	80.16680	10/15/2021	13:23:10	D	7.80
120	SHAHJAHANPUR	PUWANYA	S-NPP	28.25240	80.21510	10/15/2021	13:23:10	D	3.50
121	SHAHJAHANPUR	PUWANYA	S-NPP	28.26040	80.11630	10/15/2021	13:23:10	D	3.70
122	SHAHJAHANPUR	PUWANYA	S-NPP	28.26330	80.16440	10/15/2021	13:23:10	D	3.40
123	SHAHJAHANPUR	PUWANYA	S-NPP	28.29440	79.98840	10/15/2021	13:23:10	D	4.60
124	SHAHJAHANPUR	PUWANYA	S-NPP	28.30080	80.08830	10/15/2021	13:23:10	D	5.20
125	SHAHJAHANPUR	PUWANYA	S-NPP	28.30190	79.99150	10/15/2021	13:23:10	D	2.20
126	SHAHJAHANPUR	PUWANYA	AQUA	28.14700	80.17600	10/15/2021	13:44:26	D	16.00
127	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.82720	79.87850	10/15/2021	13:23:10	D	3.00
128	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.87220	79.83620	10/15/2021	02:13:10	N	0.40
129	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.88030	79.85650	10/15/2021	13:23:10	D	9.30
130	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.88380	79.85590	10/15/2021	13:23:10	D	9.30
131	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.88430	79.86000	10/15/2021	13:23:10	D	9.30
132	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.88780	79.85950	10/15/2021	13:23:10	D	3.00
133	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.95310	79.88320	10/15/2021	13:23:10	D	2.40
134	SHAHJAHANPUR	TILHAR	S-NPP	27.90410	79.60150	10/15/2021	13:23:10	D	4.50
135	SHAHJAHANPUR	TILHAR	AQUA	28.04800	79.91100	10/15/2021	13:44:26	D	9.50
136	SHAMLI	KAIRANA	S-NPP	29.65330	77.14780	10/15/2021	13:23:10	D	2.00
137	SHARANPUR	BEHAT	S-NPP	30.16720	77.56960	10/15/2021	13:23:10	D	3.50
138	SHARANPUR	NAKUR	S-NPP	29.68720	77.17370	10/15/2021	13:23:10	D	1.30
139	SHARANPUR	NAKUR	S-NPP	29.69050	77.17300	10/15/2021	13:23:10	D	1.30
140	SHARANPUR	NAKUR	S-NPP	29.70940	77.18550	10/15/2021	13:23:10	D	3.00
141	SHARANPUR	NAKUR	S-NPP	29.75100	77.12430	10/15/2021	13:23:10	D	2.10
142	SHARANPUR	NAKUR	S-NPP	29.75260	77.33580	10/15/2021	13:23:10	D	2.40
143	SHARANPUR	NAKUR	S-NPP	29.77090	77.34440	10/15/2021	13:23:10	D	2.20
144	SHARANPUR	NAKUR	S-NPP	29.97920	77.35670	10/15/2021	13:23:10	D	2.40
145	SHARANPUR	SHARANPUR	S-NPP	29.91220	77.47190	10/15/2021	13:23:10	D	2.50

146	SITAPUR	MAHMUDABAD	S-NPP	27.44100	81.09390	10/15/2021	13:23:10	D	4.60
147	SITAPUR	MAHMUDABAD	AQUA	27.35400	81.16700	10/15/2021	13:44:26	D	13.50
148	SITAPUR	MISRIK	S-NPP	27.57240	80.47310	10/15/2021	13:23:10	D	1.80
149	SITAPUR	MISRIK	S-NPP	27.64390	80.34150	10/15/2021	13:23:10	D	2.50

Details of residue burning events in Rajasthan on 15-Oct-2021

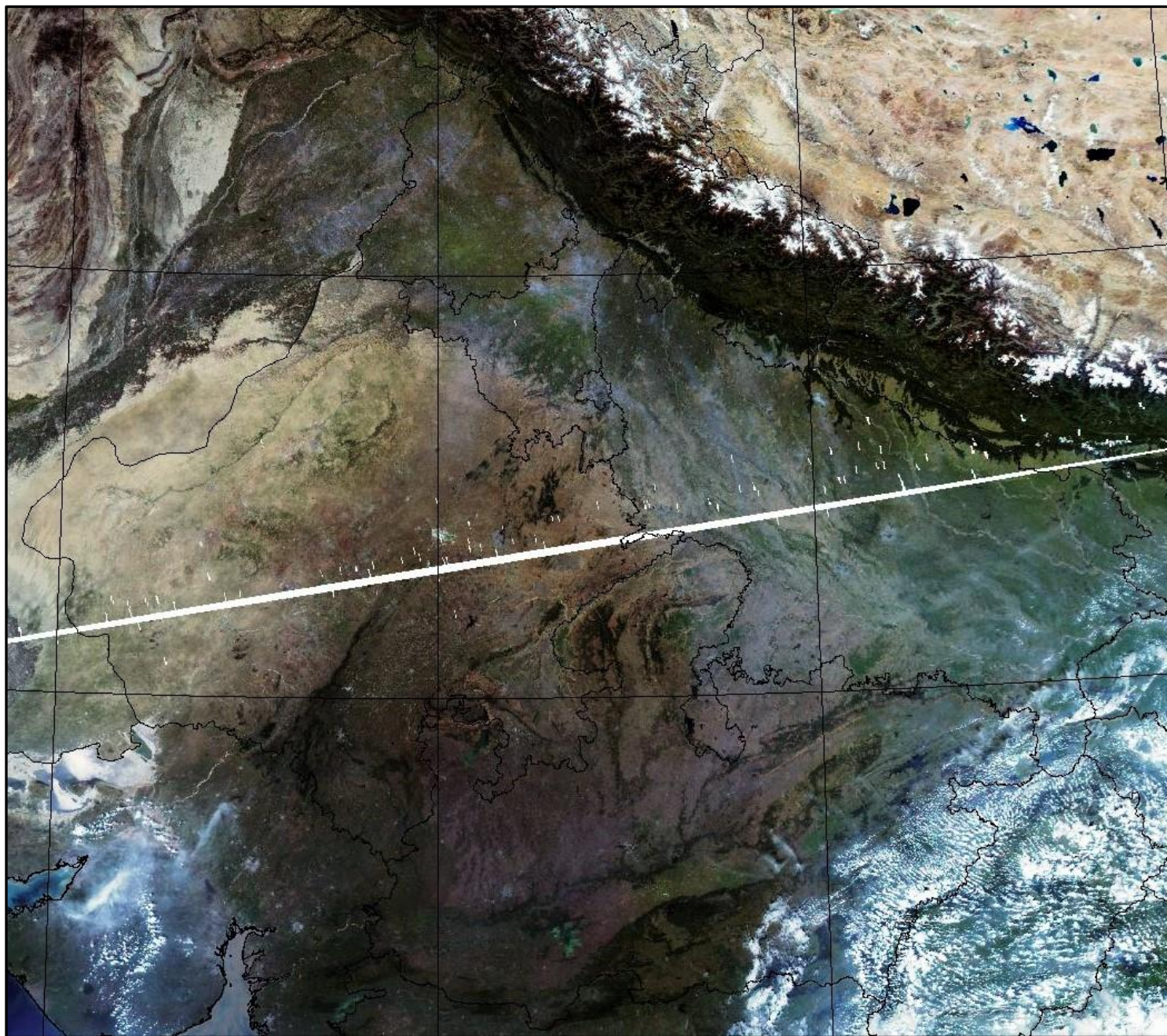
S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	CHITTAURGARH	GANGRAR	S-NPP	24.93470	74.63570	10/15/2021	02:13:10	N	1.60
2	HANUMANGARH	HANUMANGARH	S-NPP	29.62120	74.35710	10/15/2021	13:23:10	D	1.70
3	HANUMANGARH	HANUMANGARH	AQUA	29.58100	74.30700	10/15/2021	13:44:26	D	27.00
4	HANUMANGARH	SANGHRIYA	S-NPP	29.64460	74.42980	10/15/2021	13:23:10	D	2.80
5	HANUMANGARH	SANGHRIYA	S-NPP	29.64540	74.43420	10/15/2021	13:23:10	D	4.30
6	HANUMANGARH	SANGHRIYA	AQUA	29.63800	74.44400	10/15/2021	13:44:26	D	8.00
7	HANUMANGARH	TIBI	S-NPP	29.59810	74.51340	10/15/2021	13:23:10	D	4.40
8	HANUMANGARH	TIBI	S-NPP	29.63030	74.53340	10/15/2021	13:23:10	D	16.60

Details of residue burning events in Madhya Pradesh on 15-Oct-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	BHOPAL	HUZUR	S-NPP	23.22360	77.28260	10/15/2021	13:23:10	D	5.90
2	CHHINDWARA	CHAURAI	S-NPP	22.11510	79.34510	10/15/2021	13:23:10	D	2.40
3	CHHINDWARA	CHAURAI	S-NPP	22.14650	79.32820	10/15/2021	13:23:10	D	3.50
4	CHHINDWARA	CHAURAI	S-NPP	22.17010	79.30510	10/15/2021	13:23:10	D	1.70
5	DAMOH	JABERA	S-NPP	23.55680	79.83170	10/15/2021	13:23:10	D	1.90
6	DAMOH	TENDUKHERA	S-NPP	23.47400	79.54610	10/15/2021	13:23:10	D	4.00
7	DATIA	SEONDHA	S-NPP	25.84420	78.54760	10/15/2021	13:23:10	D	1.50
8	DATIA	SEONDHA	S-NPP	25.85390	78.52230	10/15/2021	13:23:10	D	6.20
9	DATIA	SEONDHA	S-NPP	25.85720	78.52160	10/15/2021	13:23:10	D	1.50
10	DATIA	SEONDHA	S-NPP	25.94170	78.56510	10/15/2021	13:23:10	D	2.70

11	HOSHANGABAD	BABAI	S-NPP	22.66610	78.04620	10/15/2021	13:23:10	D	1.50
12	HOSHANGABAD	HOSHANGABAD	S-NPP	22.63160	77.66790	10/15/2021	13:23:10	D	3.80
13	HOSHANGABAD	ITARSI	S-NPP	22.56550	77.71600	10/15/2021	13:23:10	D	2.00
14	HOSHANGABAD	ITARSI	S-NPP	22.65760	77.72230	10/15/2021	13:23:10	D	2.90
15	JABALPUR	PATAN	S-NPP	23.34080	79.78690	10/15/2021	13:23:10	D	4.40
16	MORENA	JORA	S-NPP	26.36710	77.67110	10/15/2021	13:23:10	D	1.60
17	MORENA	JORA	AQUA	26.33300	77.72100	10/15/2021	13:44:26	D	8.40
18	SAGAR	DEVRI	S-NPP	23.43050	79.11730	10/15/2021	13:23:10	D	3.40
19	SAGAR	SAGAR	S-NPP	23.80220	78.64640	10/15/2021	13:23:10	D	1.90
20	SATNA	RAMPURBAGHLEAN	S-NPP	24.57060	81.01670	10/15/2021	13:23:10	D	5.00
21	SEHORE	BUDHNI	S-NPP	22.76090	77.45300	10/15/2021	13:23:10	D	1.70
22	SEHORE	SEHORE	S-NPP	23.08330	77.25690	10/15/2021	13:23:10	D	4.00
23	SEONI	LAKHNADOU	S-NPP	22.61130	79.51830	10/15/2021	13:23:10	D	2.40
24	SEONI	SEONI	S-NPP	22.18510	79.35960	10/15/2021	13:23:10	D	5.50
25	VIDESHA	GYARASPUR	S-NPP	23.70130	77.90930	10/15/2021	13:23:10	D	3.00
26	VIDESHA	KORWAI	S-NPP	24.18260	78.02240	10/15/2021	13:23:10	D	3.30
27	VIDESHA	NATERAN	S-NPP	23.94360	77.81730	10/15/2021	13:23:10	D	3.50

AQUA (MODIS) Satellite image (TCC) of North and Central India Acquired on 15-Oct-2021 at 13:41:43 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)
