



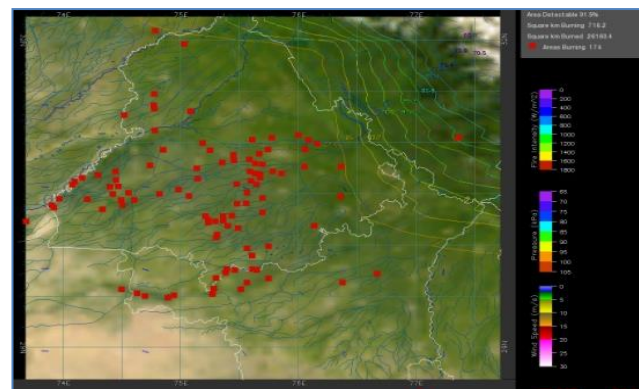
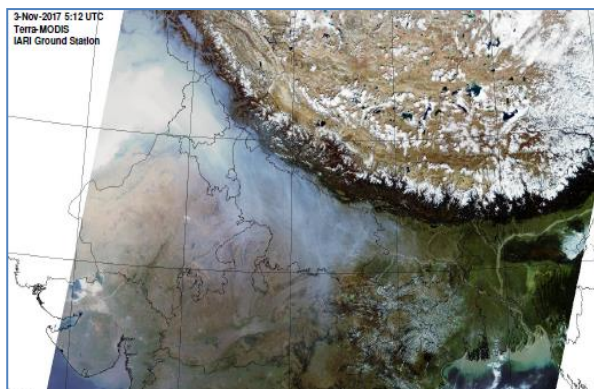
**Bulletin
No. 39**

**Events Date:
23-Oct-2022**

**Issued on:
23-Oct-2022**



MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2022



Prepared by:

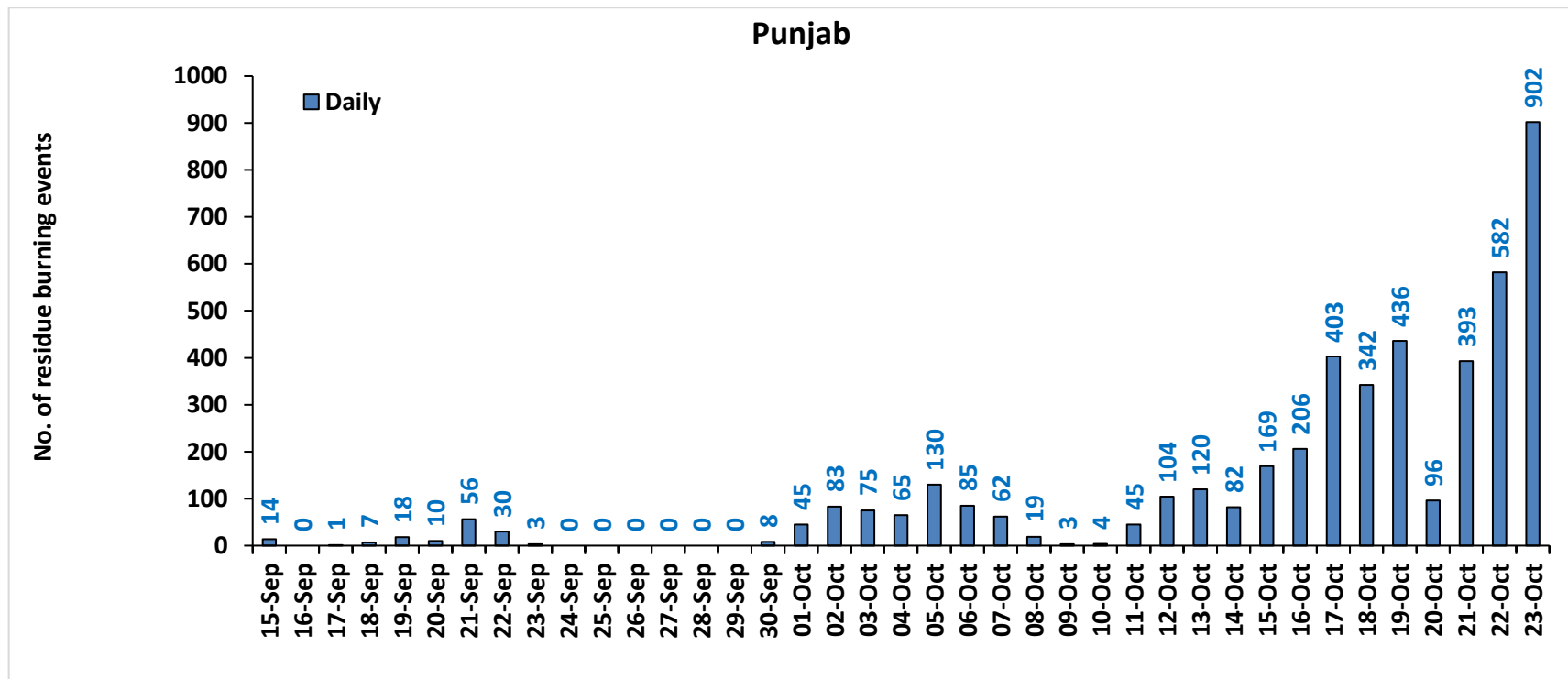
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

Highlights for 23-Oct-2022

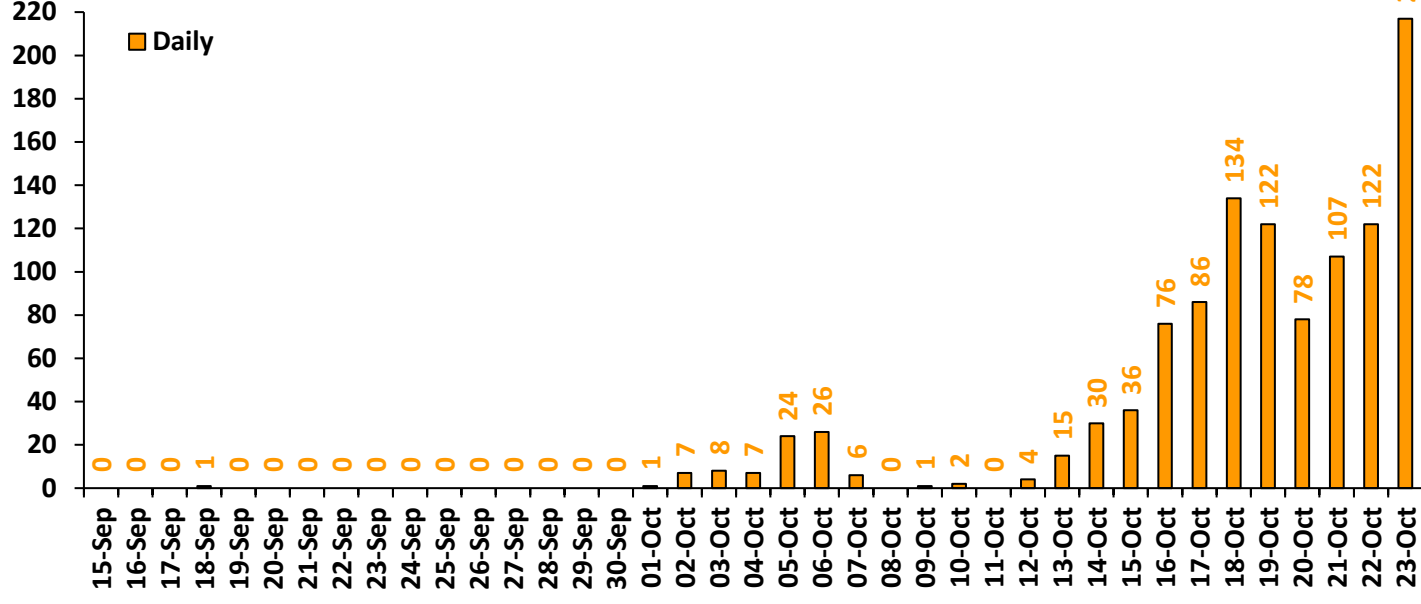
- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol for Estimation of Crop Residue Burning Fire Events using Satellite Data".
- Satellites detected **1318** residue burning events in the six study States on 23-Oct-2022.
- The state wise events detected on 23-Oct-2022 were **902** in Punjab, **217** in Haryana, **109** in UP, **0** in Delhi, **20** in Rajasthan and **70** in MP.
- Total **6323** burning events were detected in the six states between 15-Sept-2022 and 23-Oct-2022, which are distributed as **4598**, **1110**, **337**, **3**, **91** and **184** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

Temporal distribution of rice residue burning events for the study States in 2022



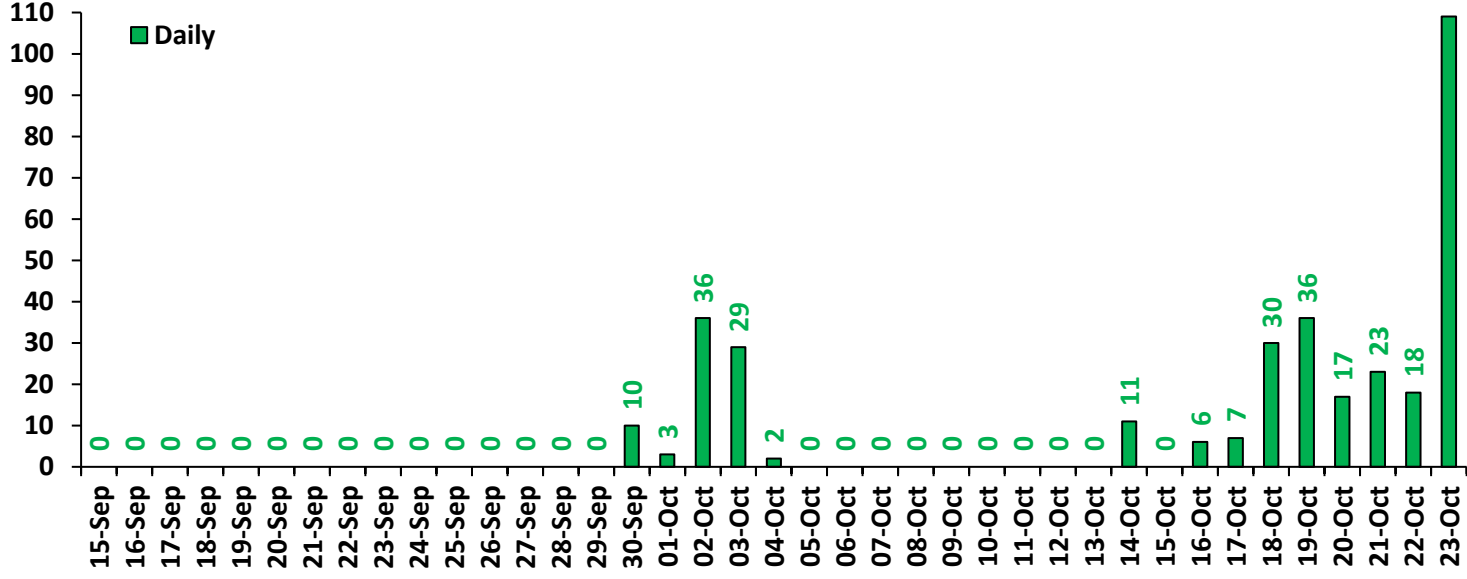
Haryana

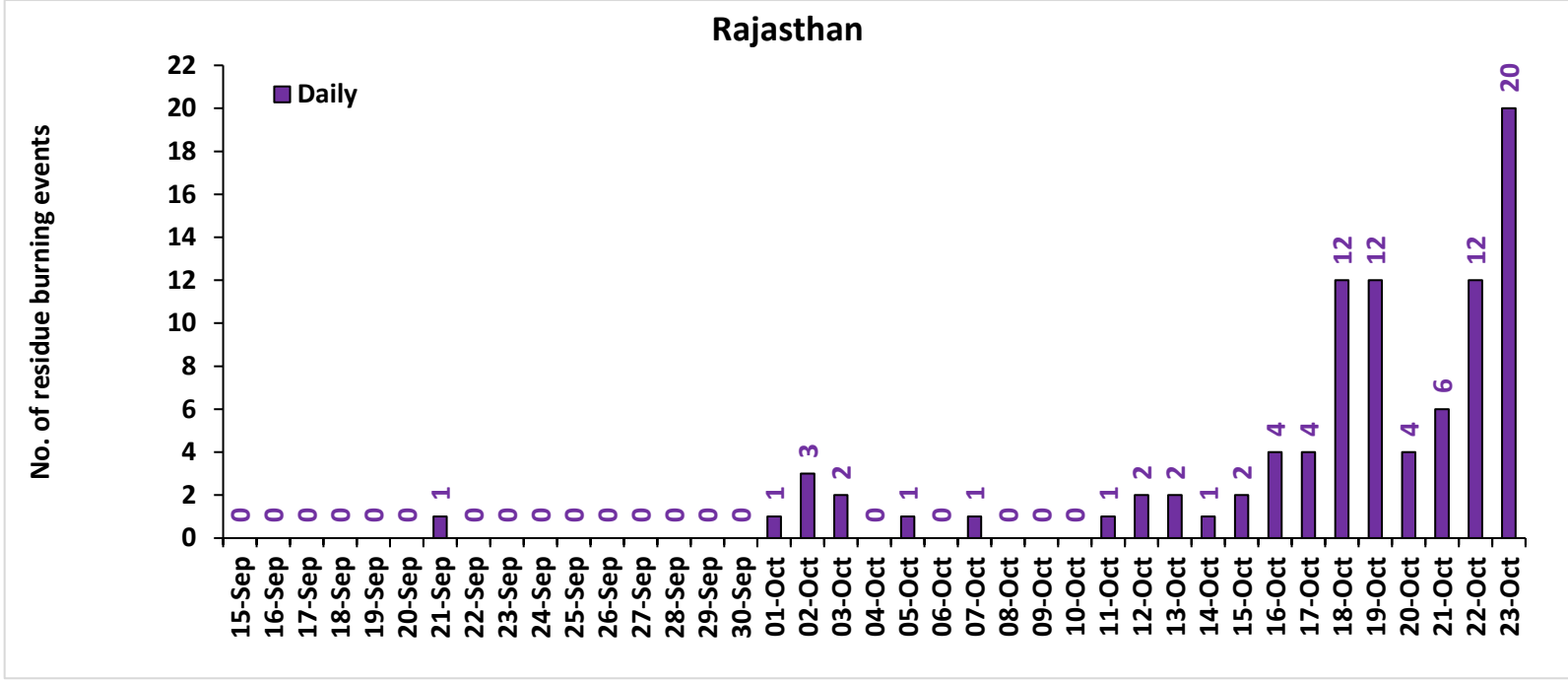
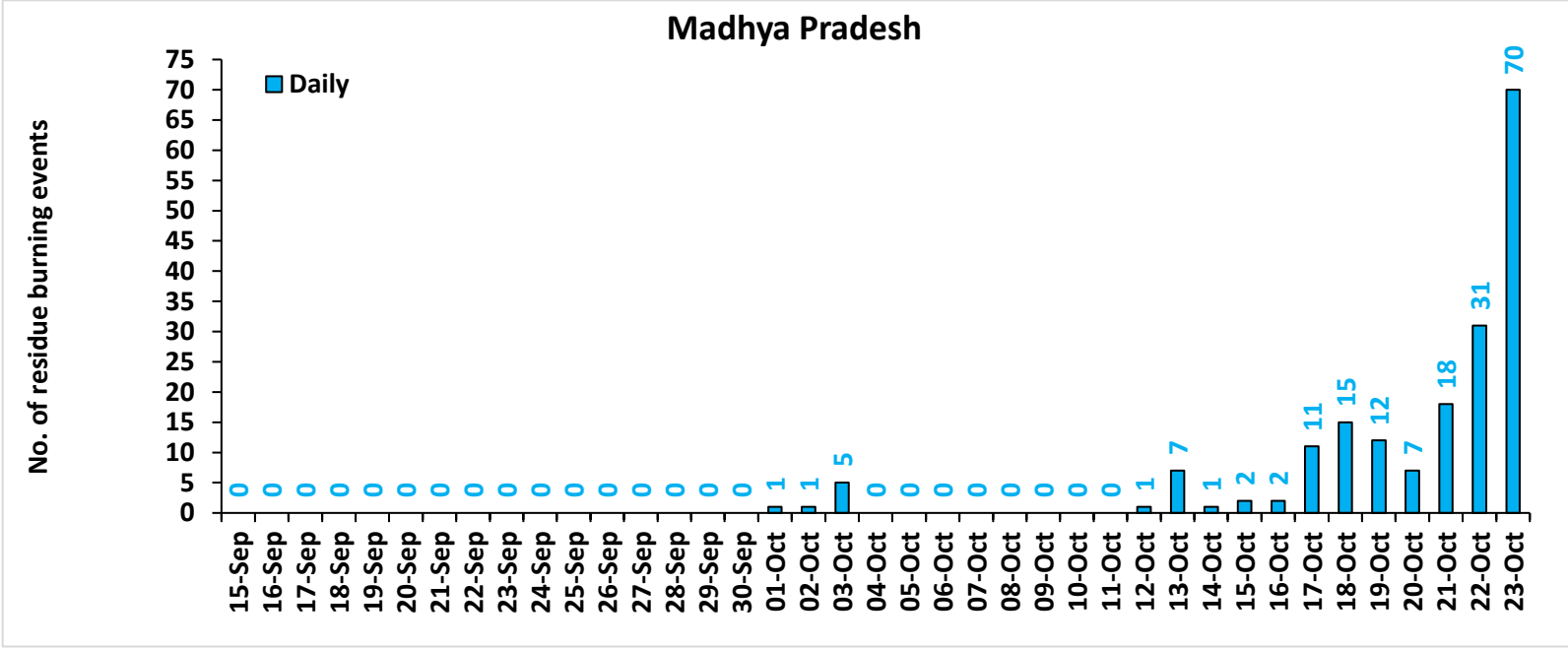
No. of residue burning events

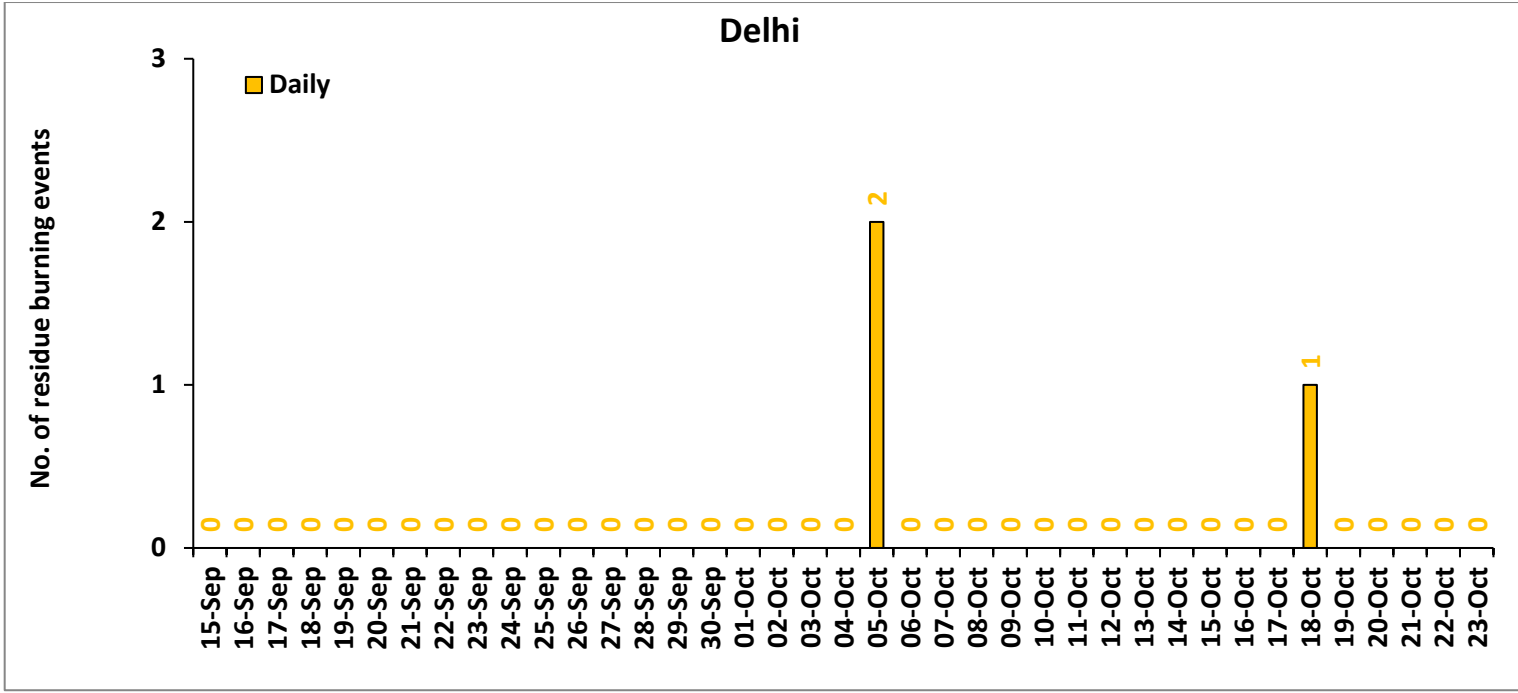


Uttar Pradesh

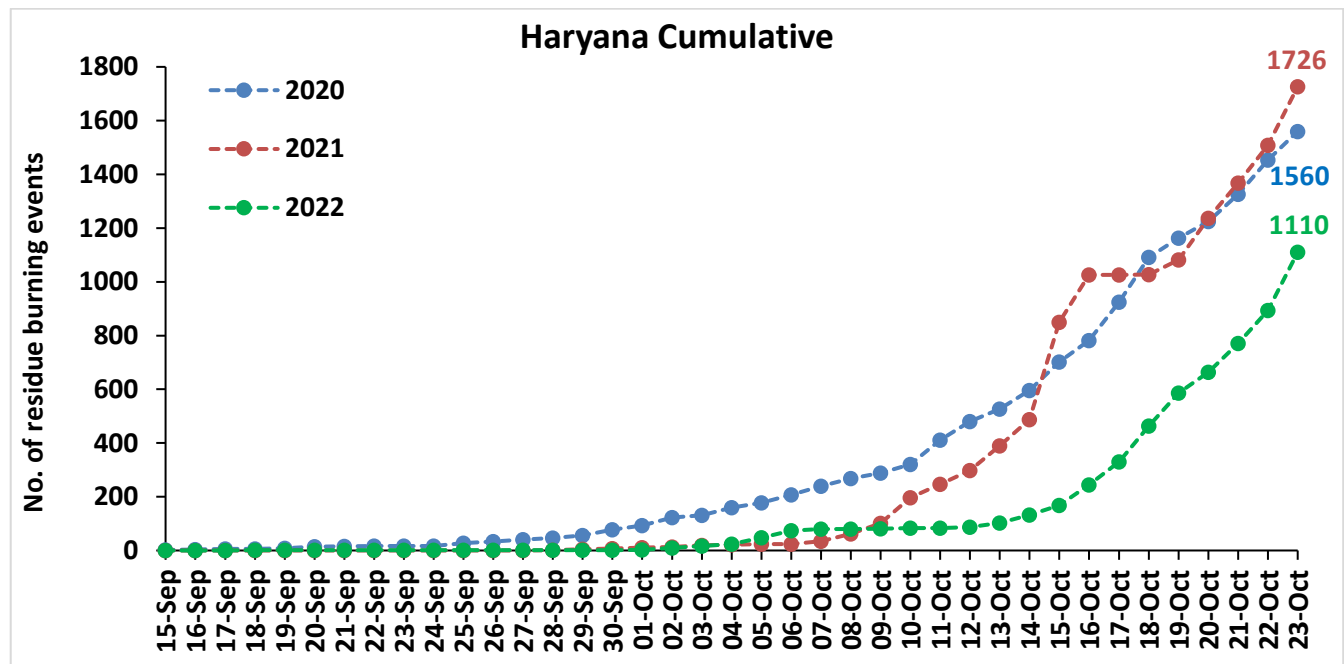
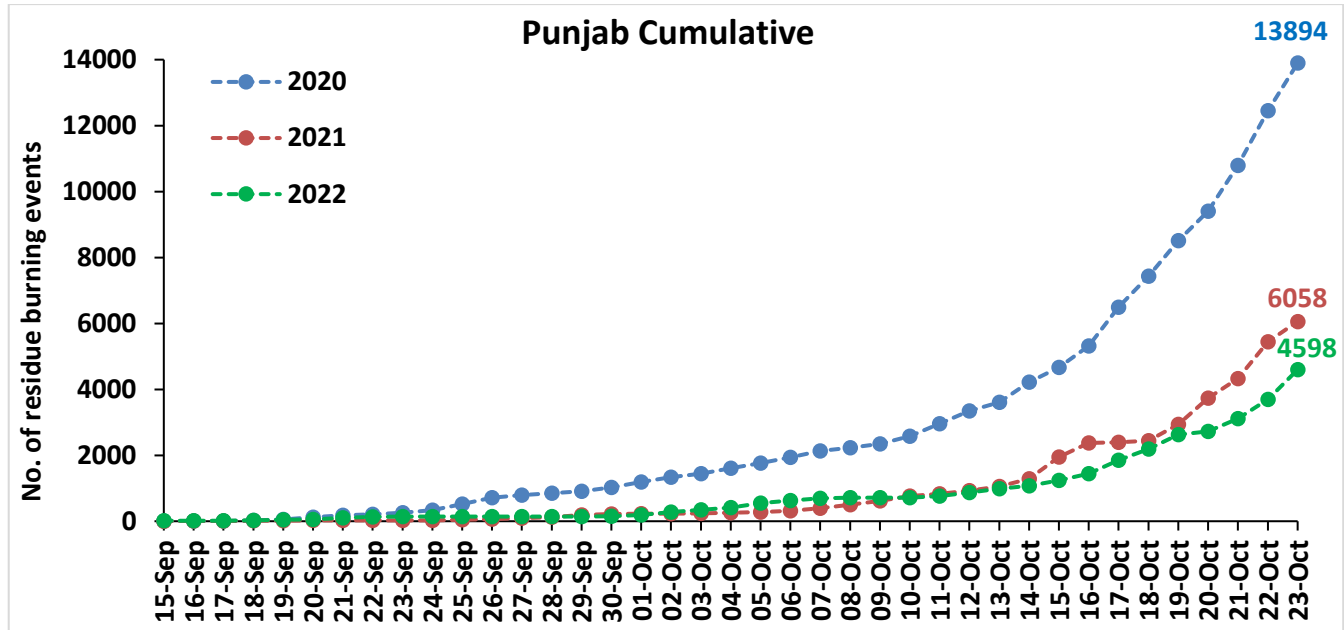
No. of residue burning events

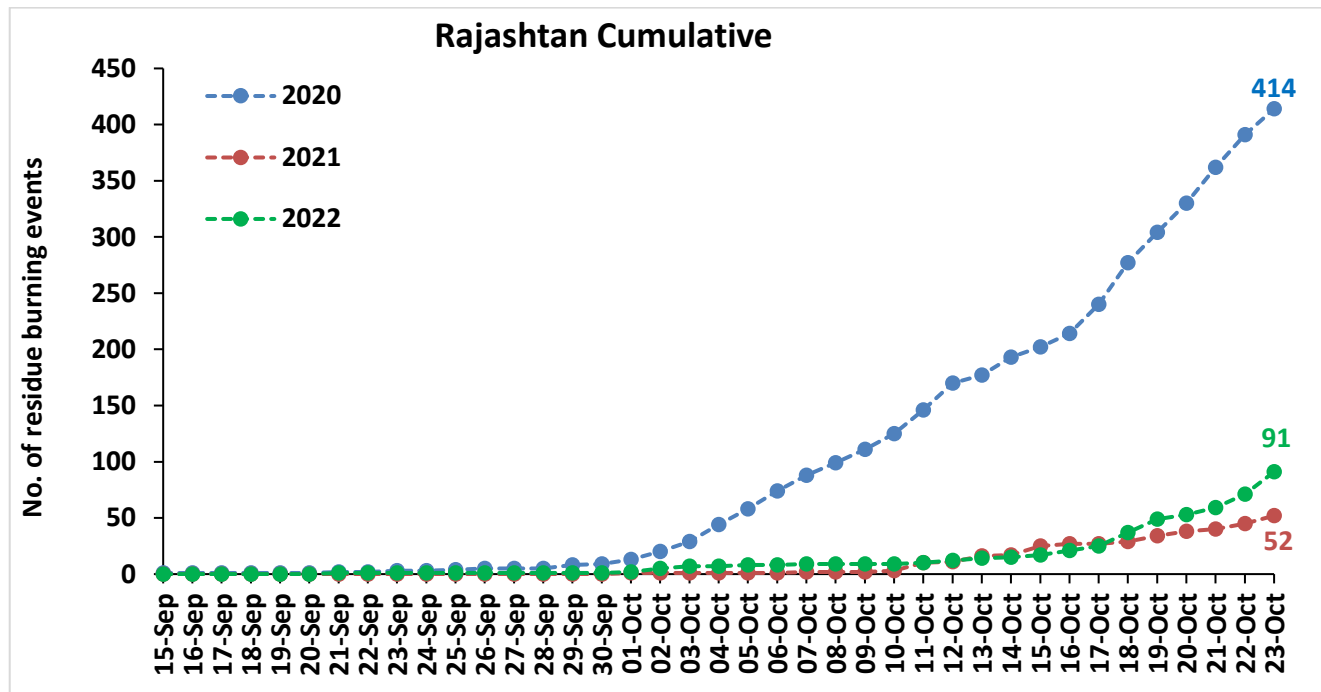
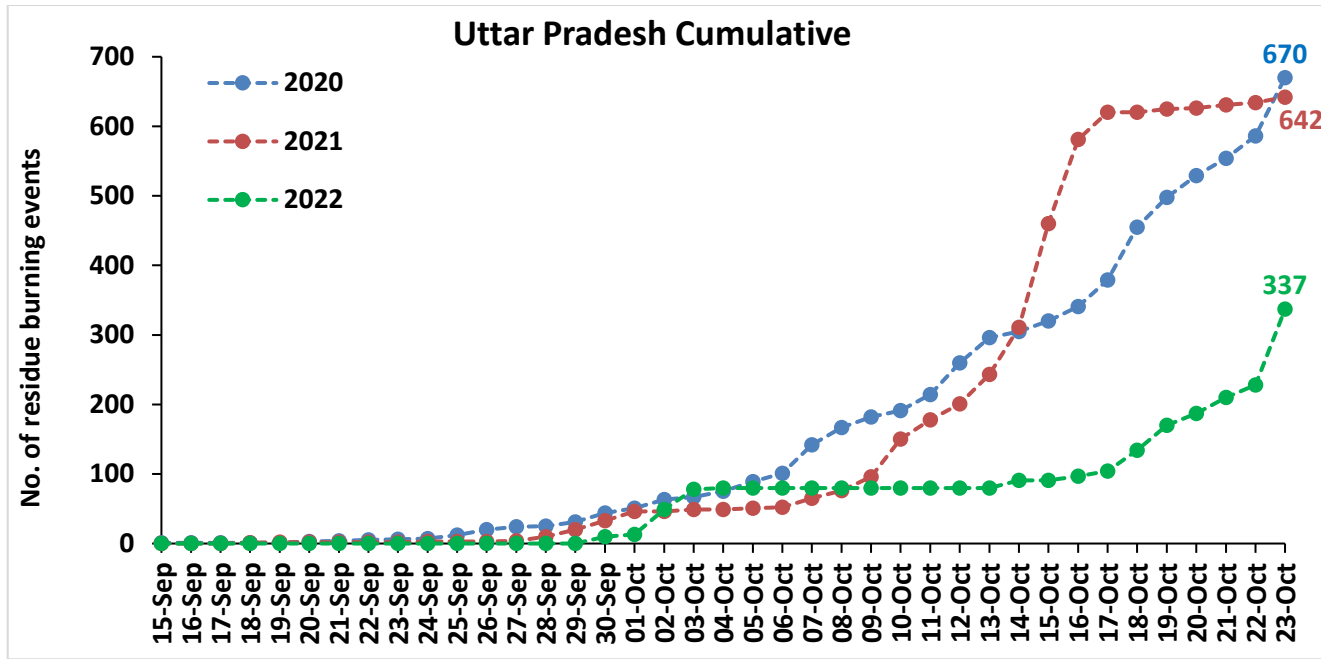


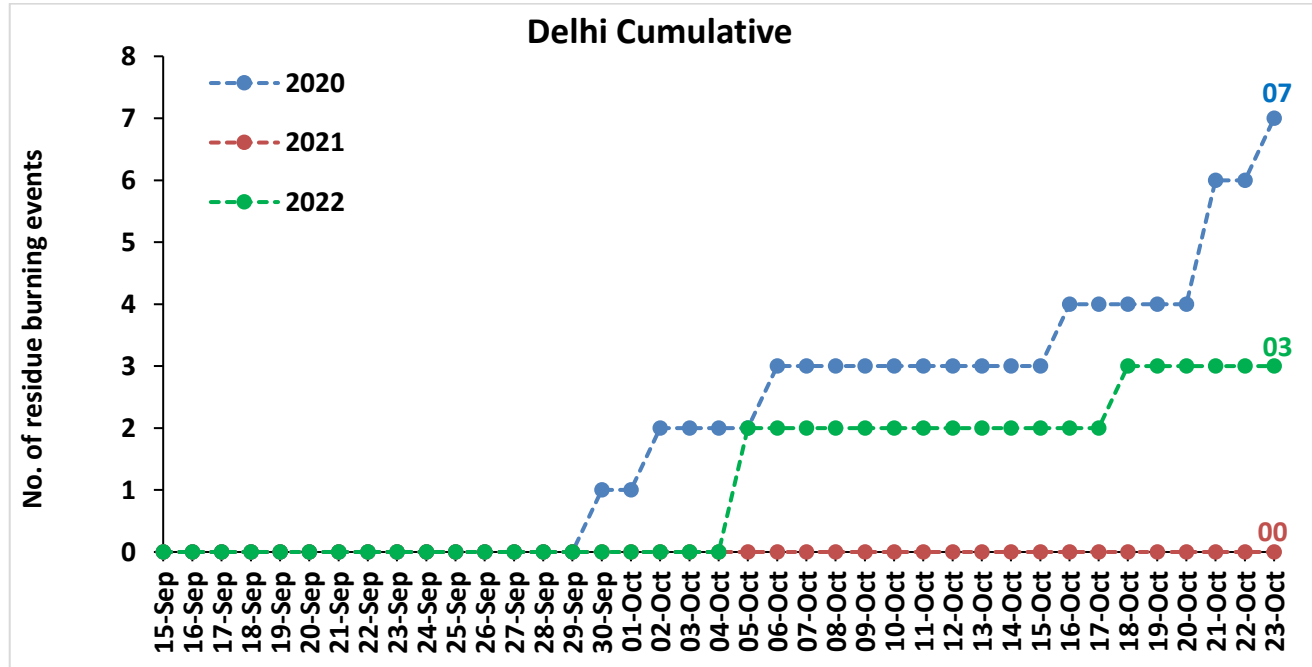
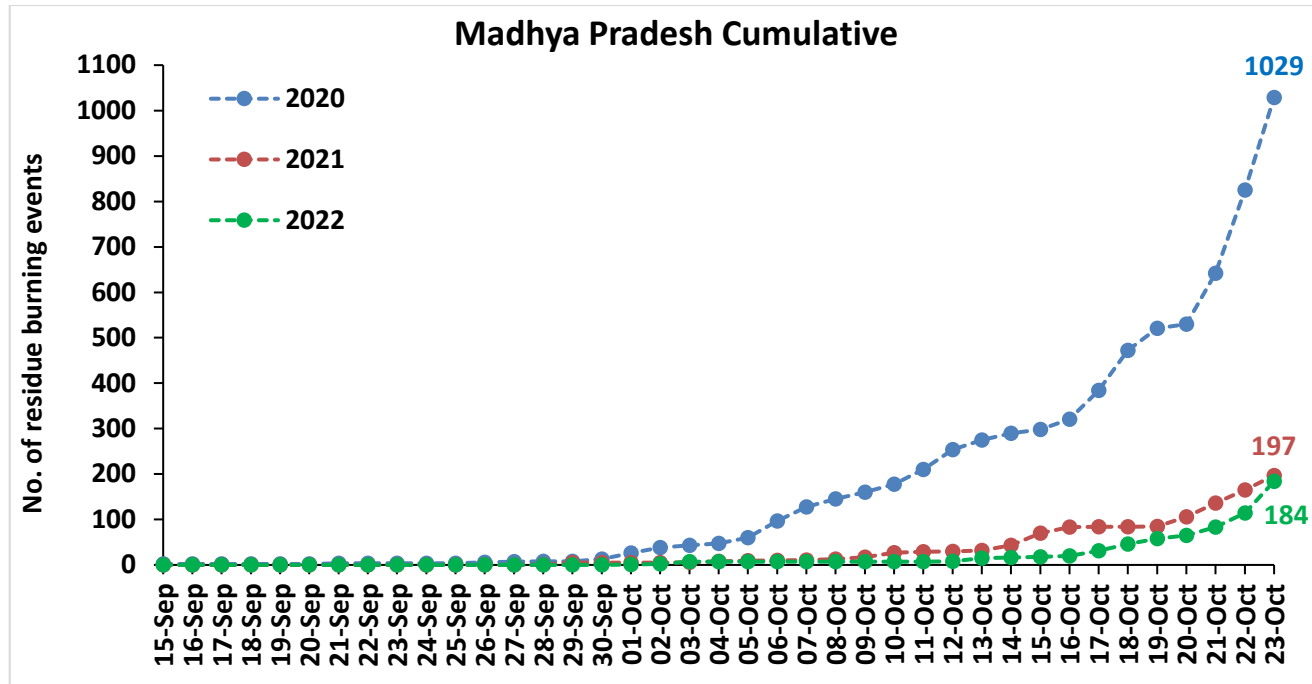




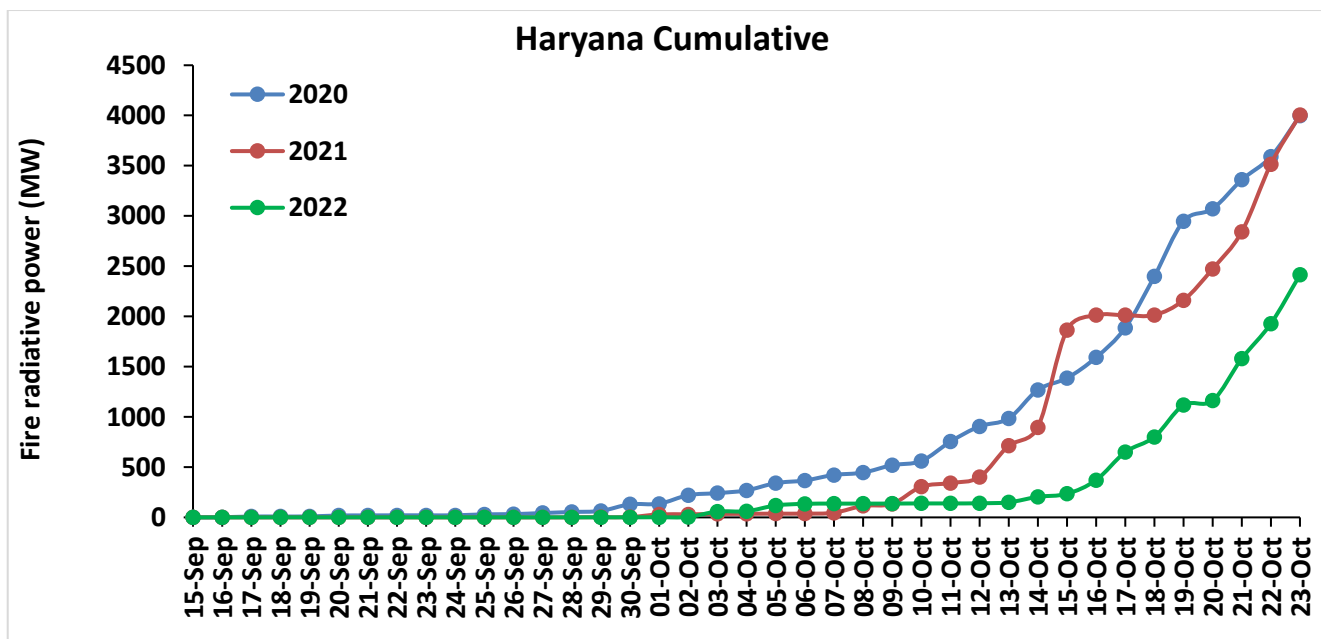
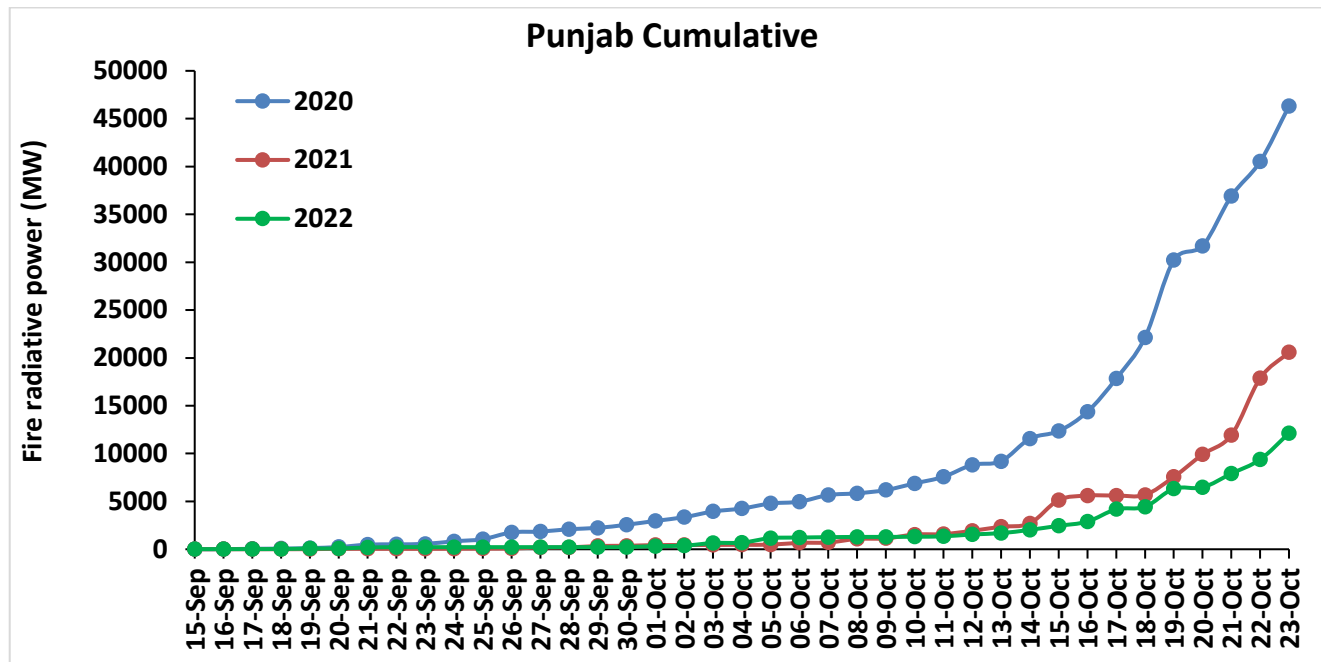
Comparison of residue burning events in current year (2022) with previous years (2020 and 2021) for the study States

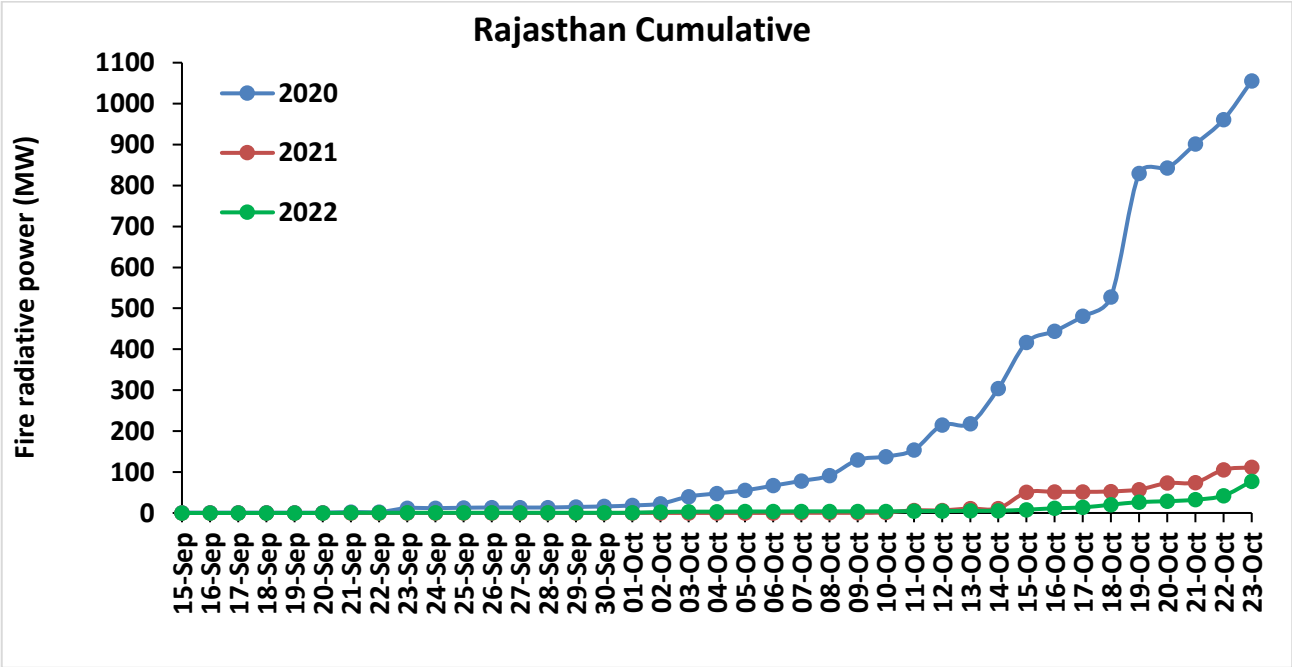
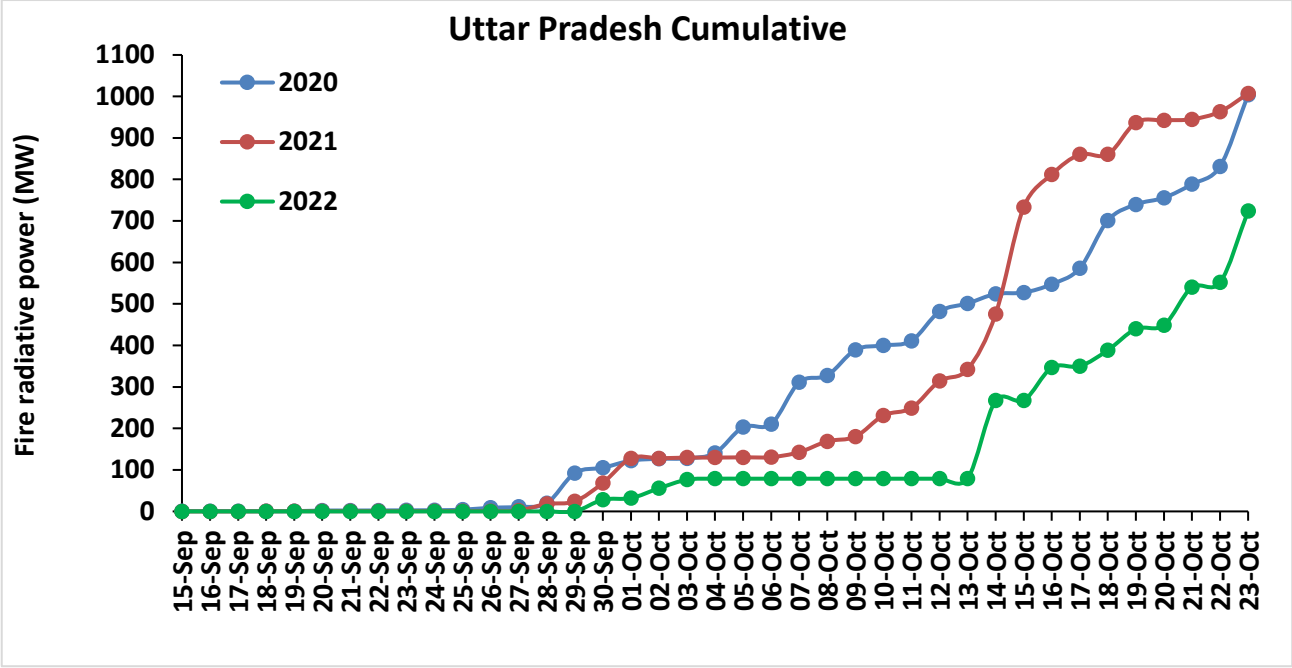


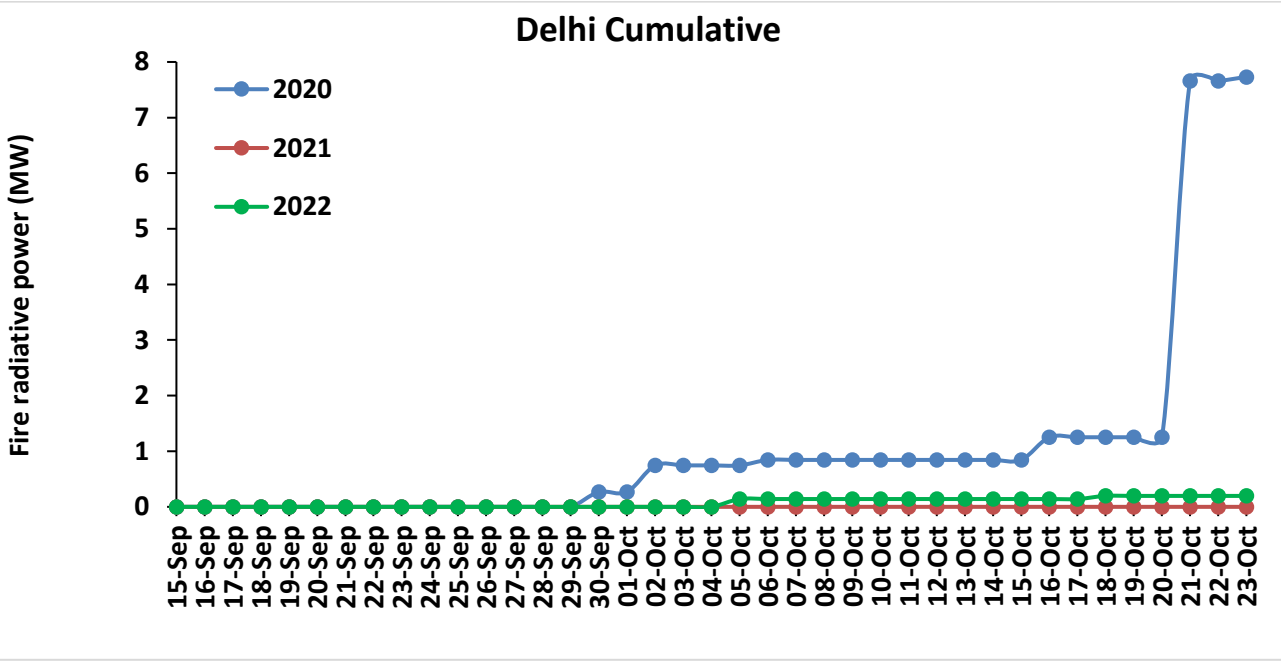
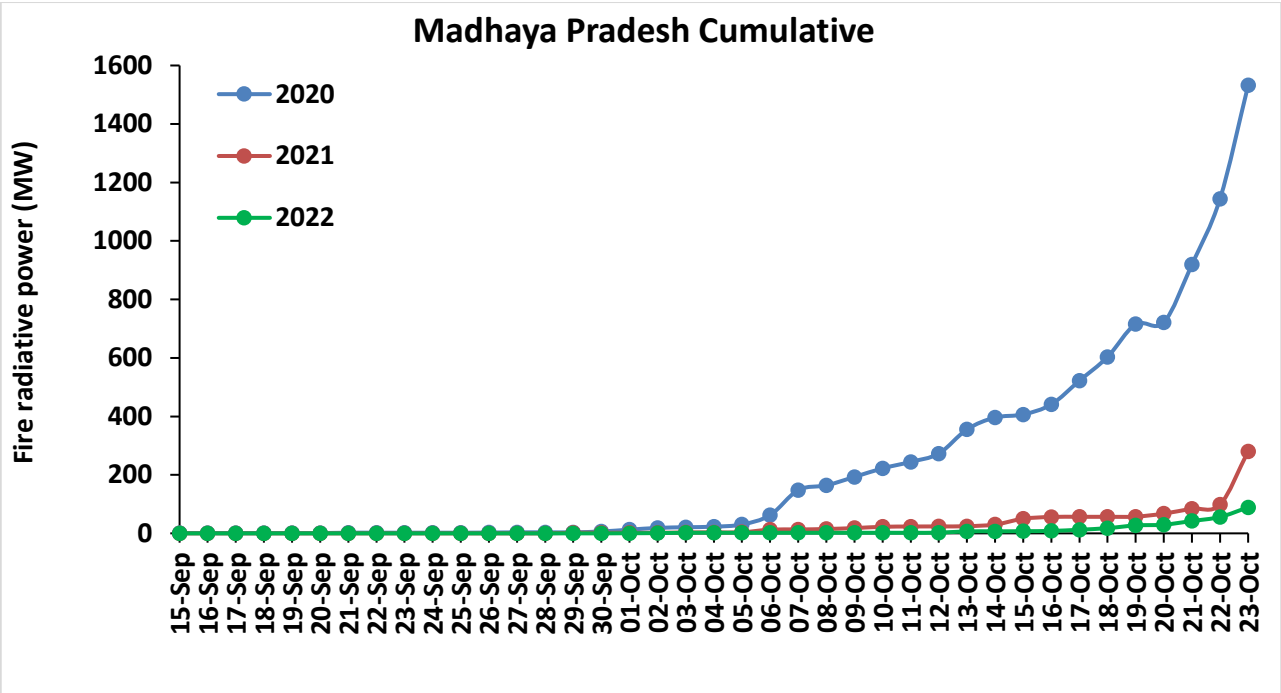




Comparison of residue burning fire power in current year (2022) with previous years (2021 and 2020) for the study States

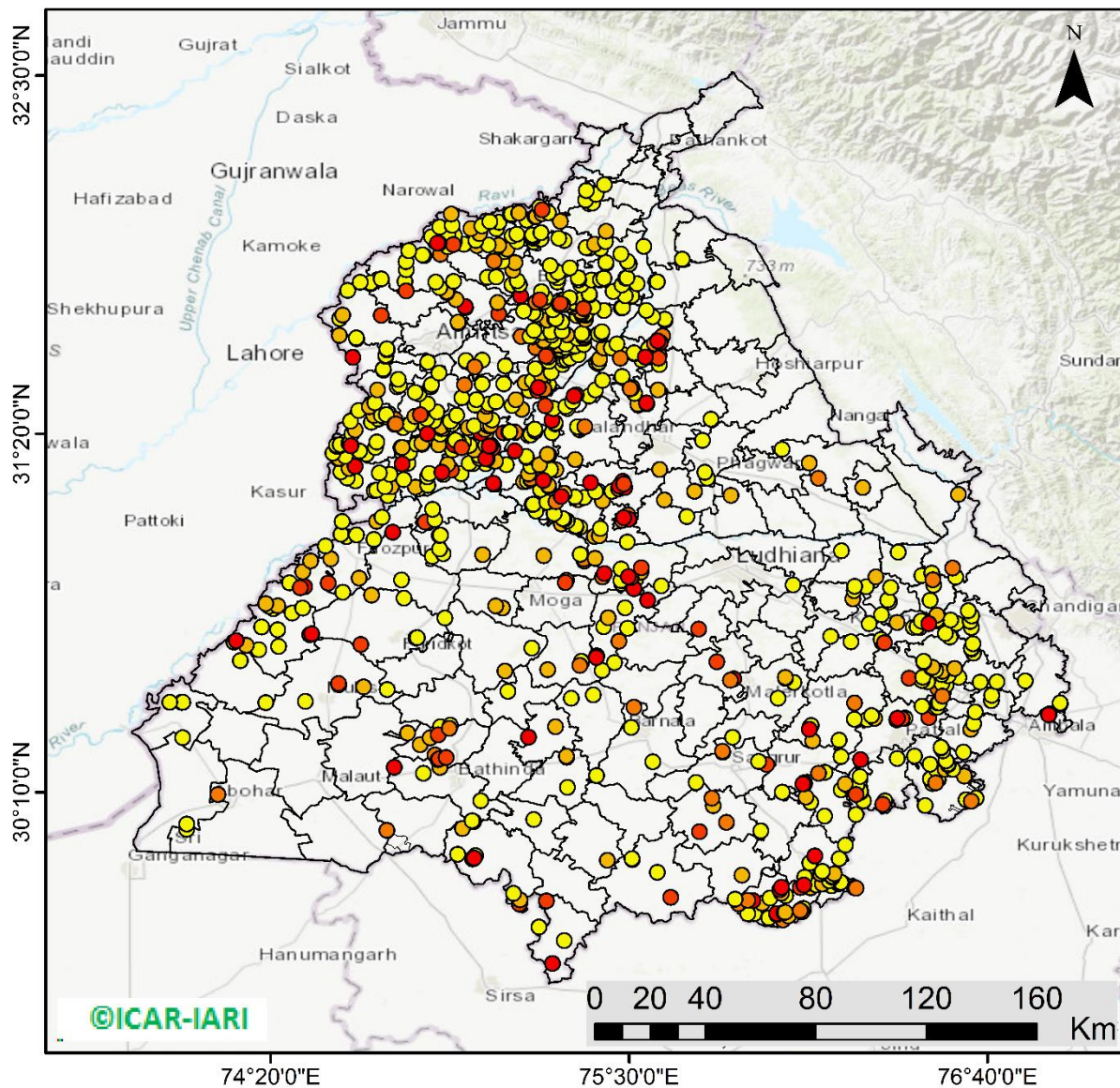






Punjab

RICE RESIDUE BURNING IN PUNJAB



902 burning events detected in Punjab during (23rd Oct 2022)

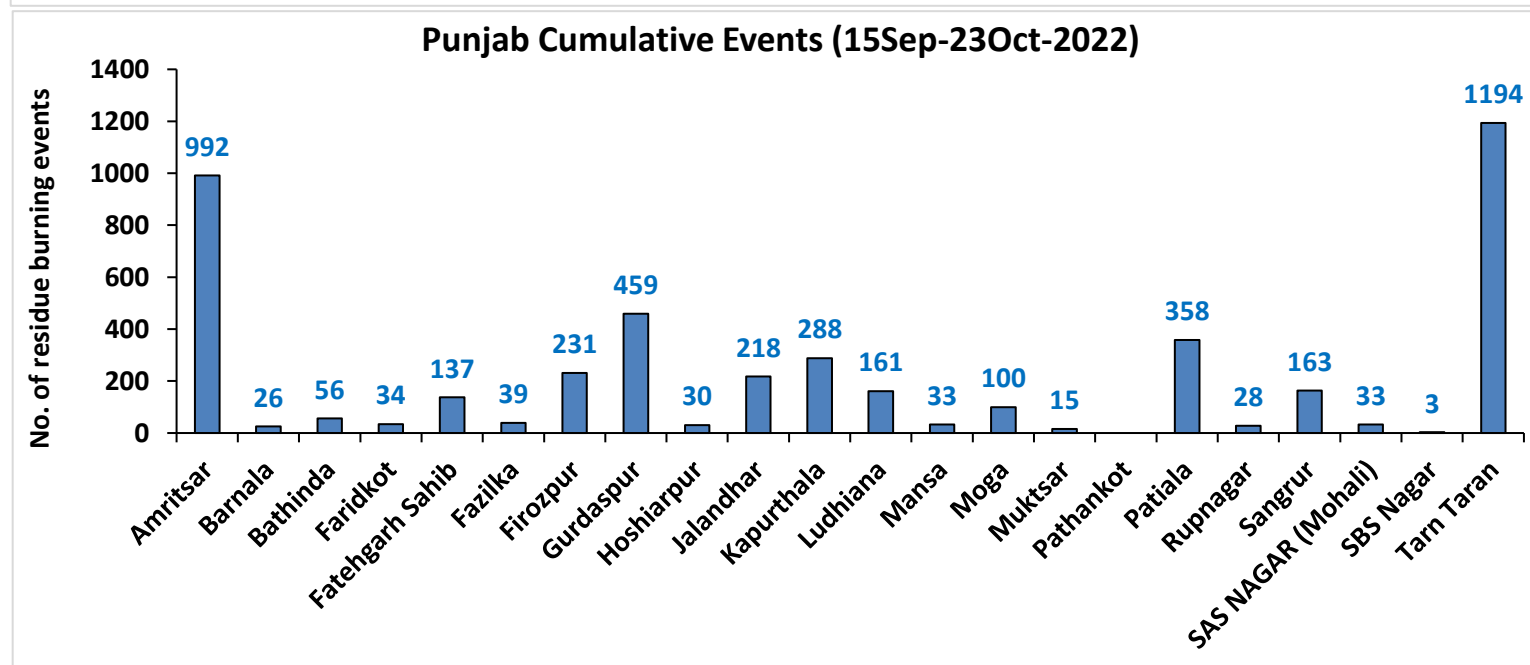
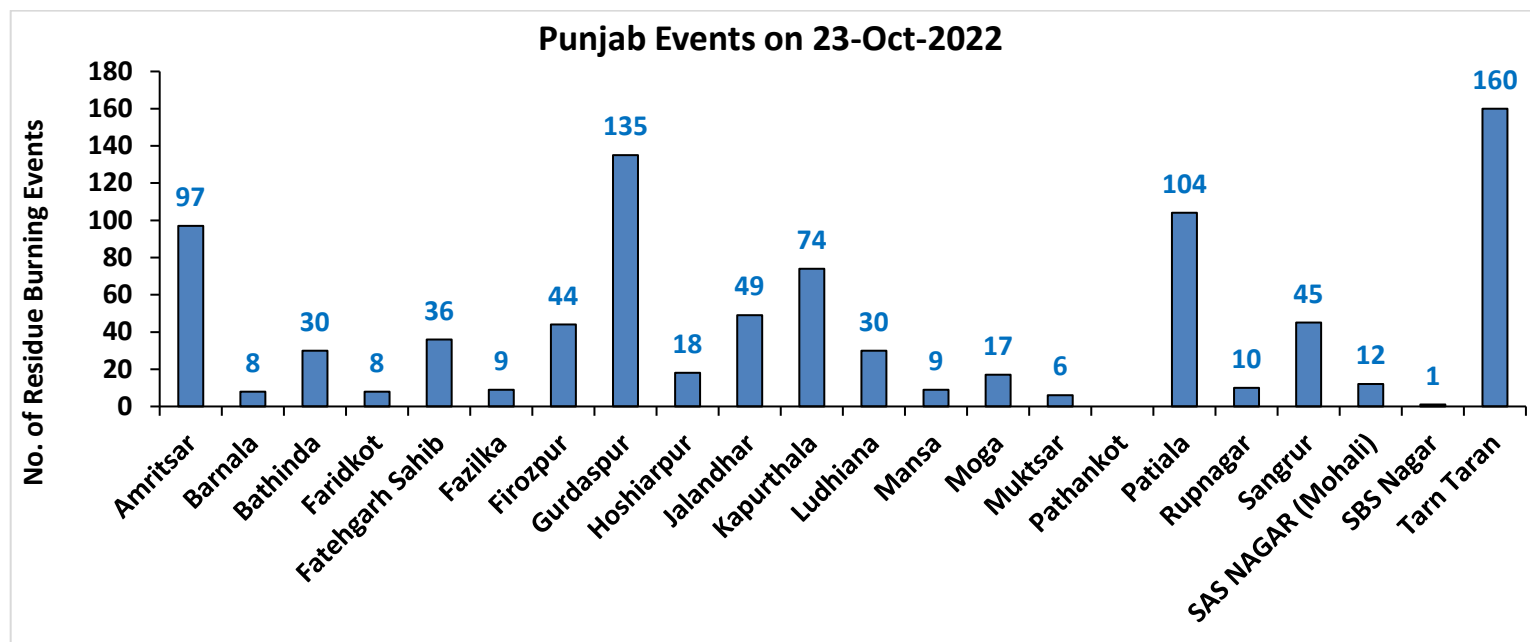
Fire Intensity (W/m²)

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



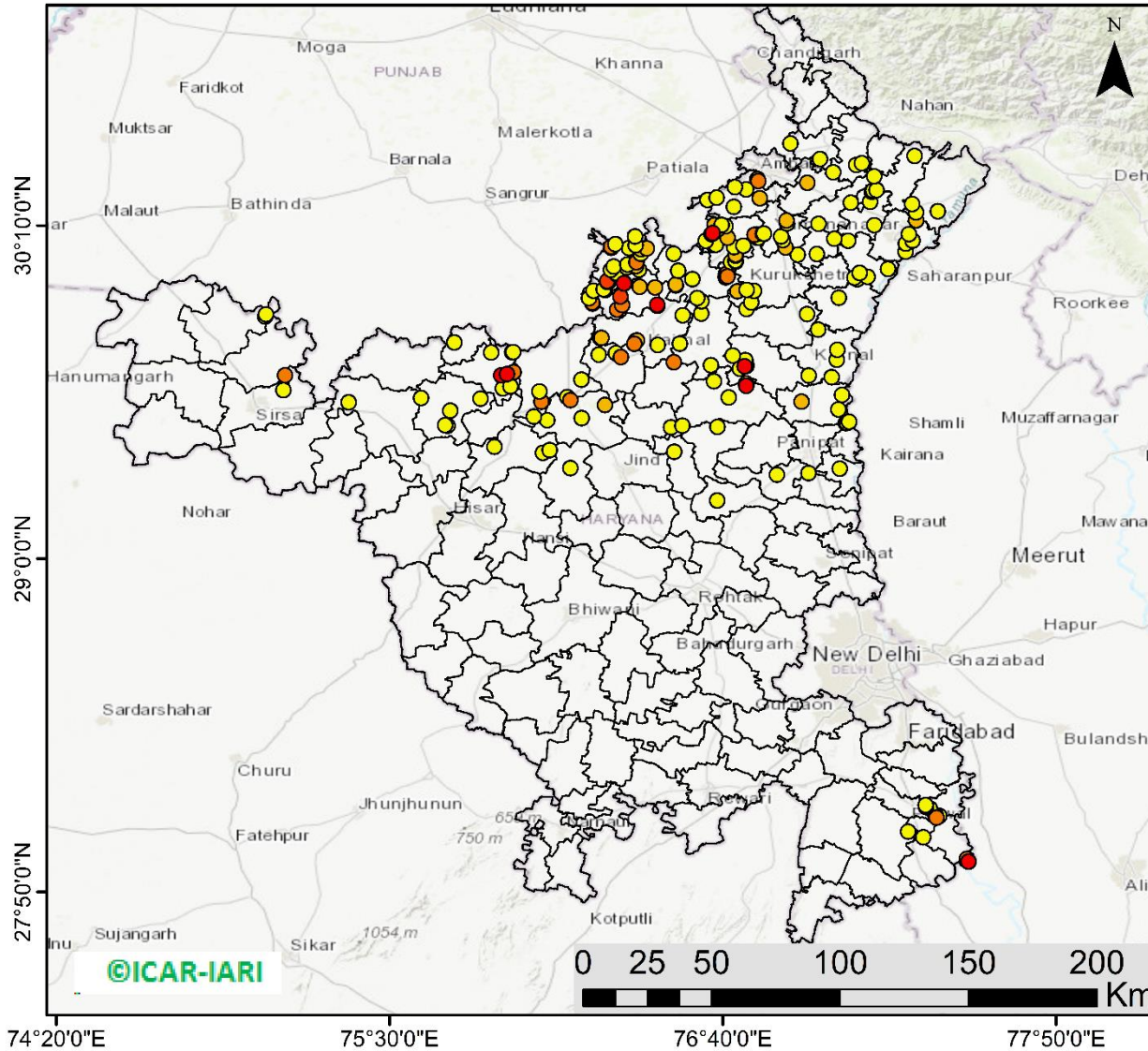
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Punjab (15Sep- 23Oct-2022)



Haryana

RICE RESIDUE BURNING IN HARYANA



217 burning events
detected in Haryana on
(23rd Oct 2022)

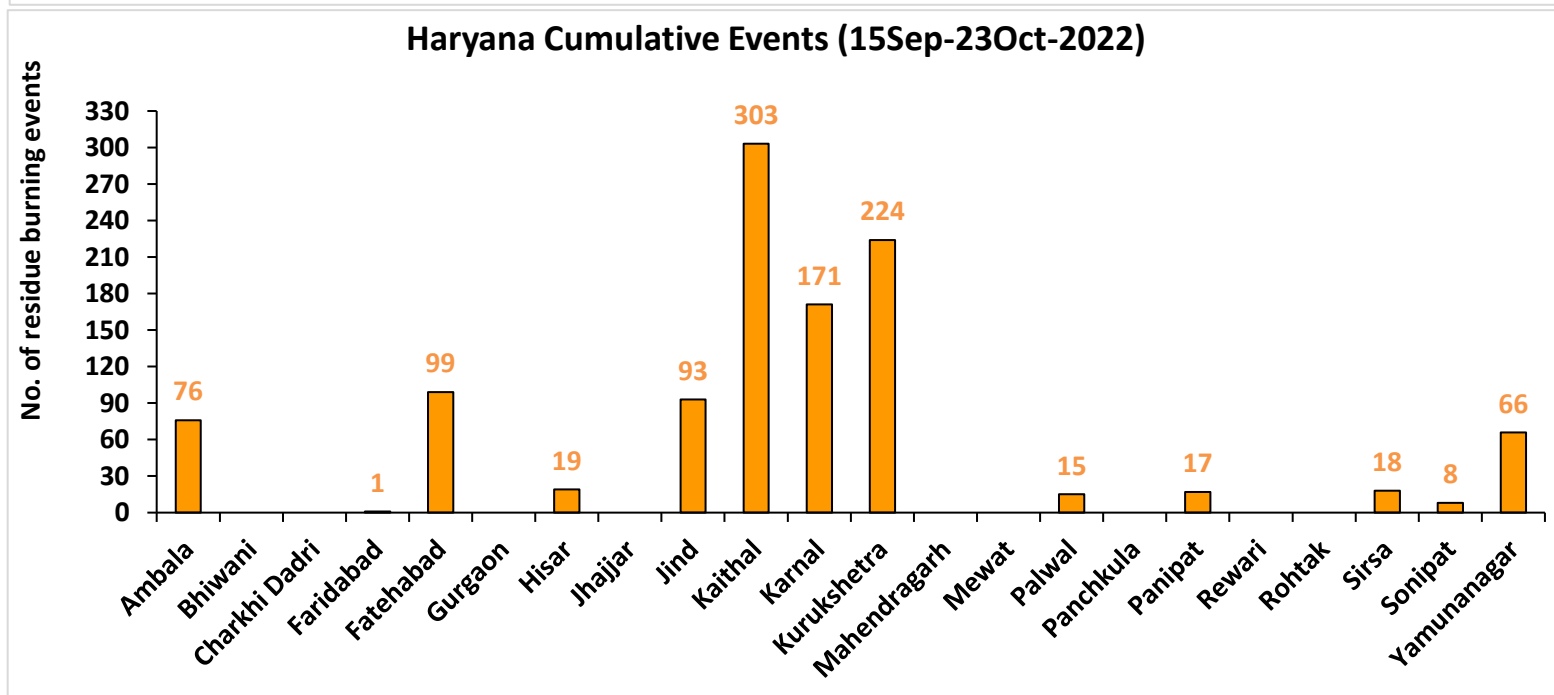
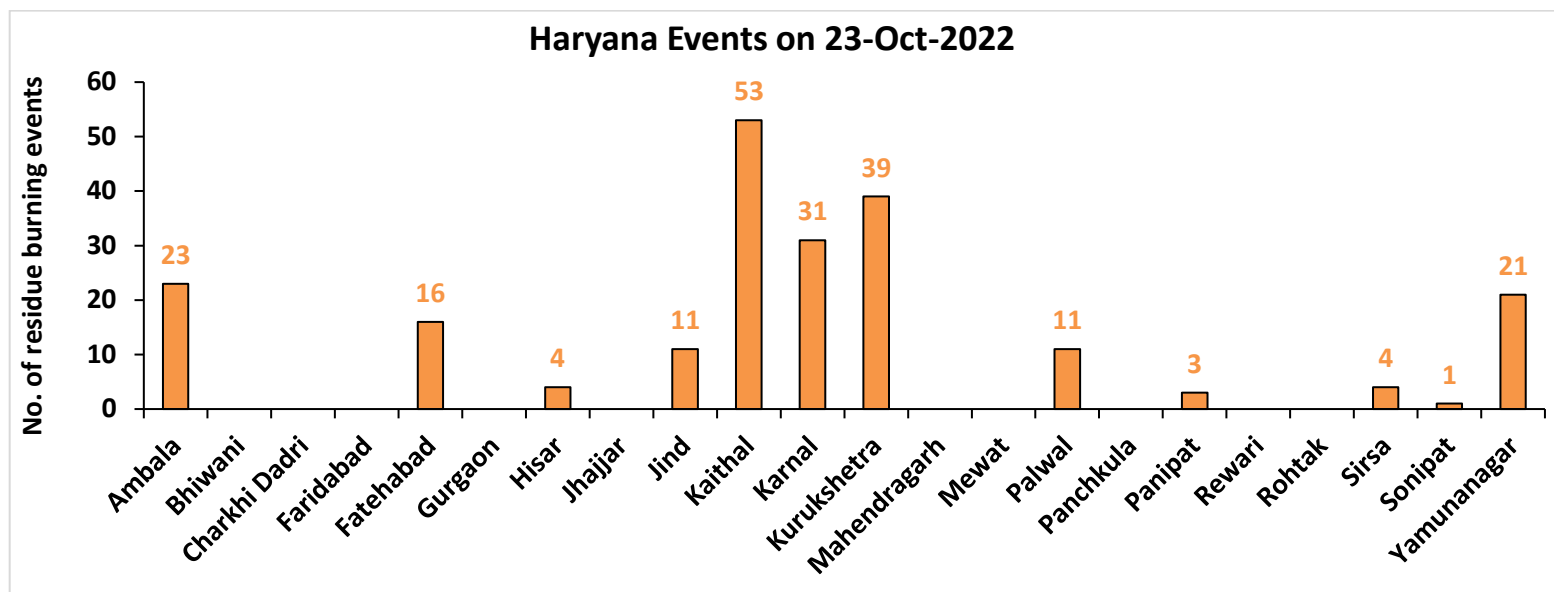
Fire Intensity (W/m²)

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



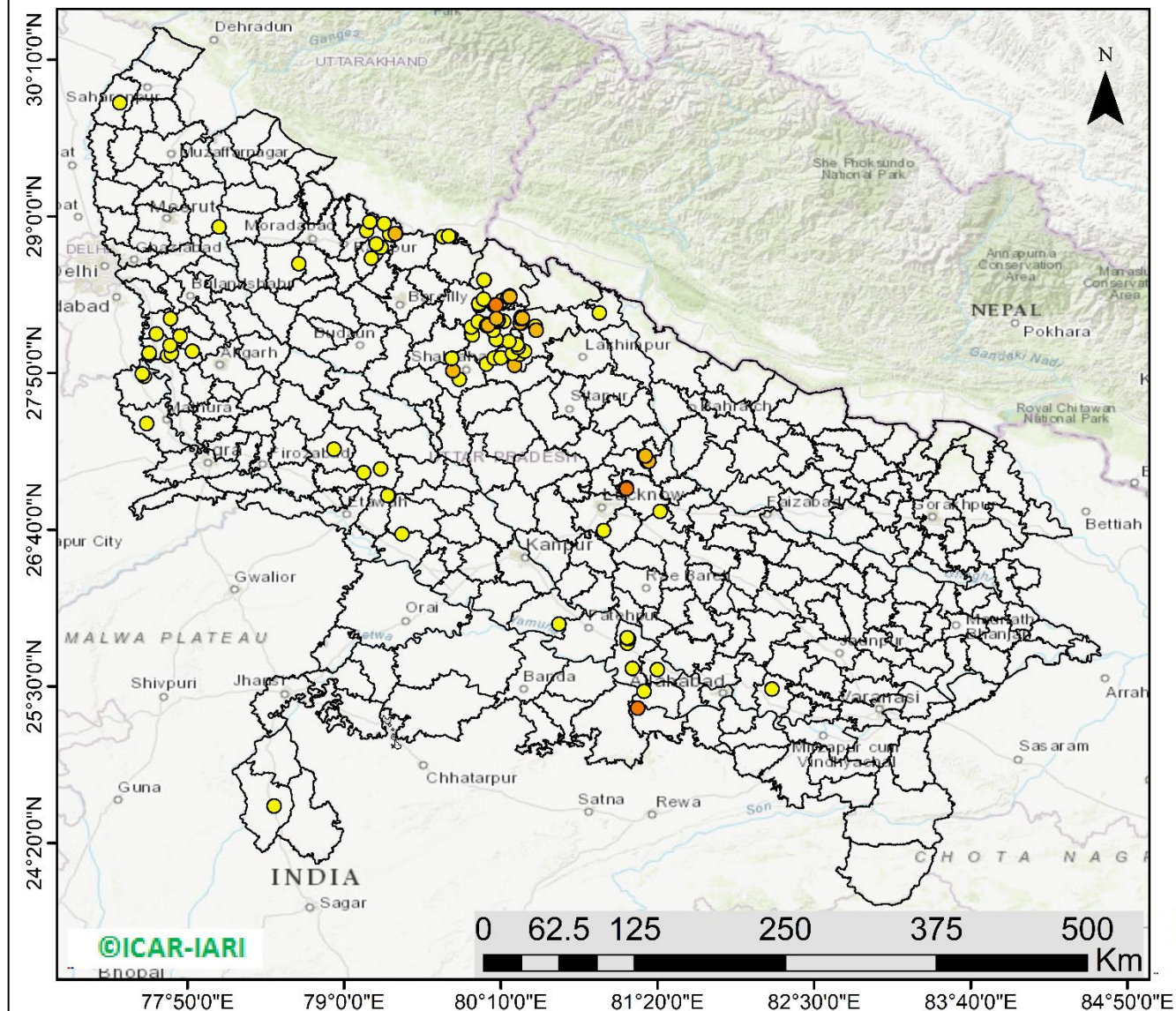
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Haryana (15Sep- 23Oct-2022)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



109 burning events
detected in Uttar Pradesh on
(23rd Oct 2022)

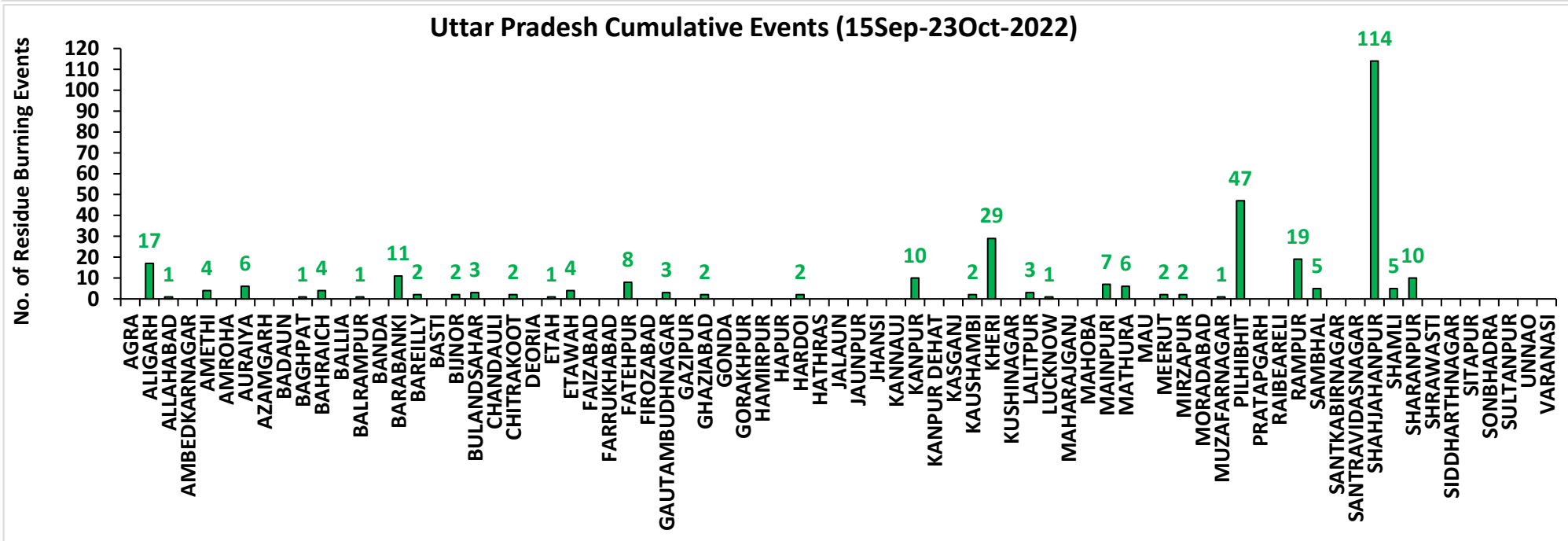
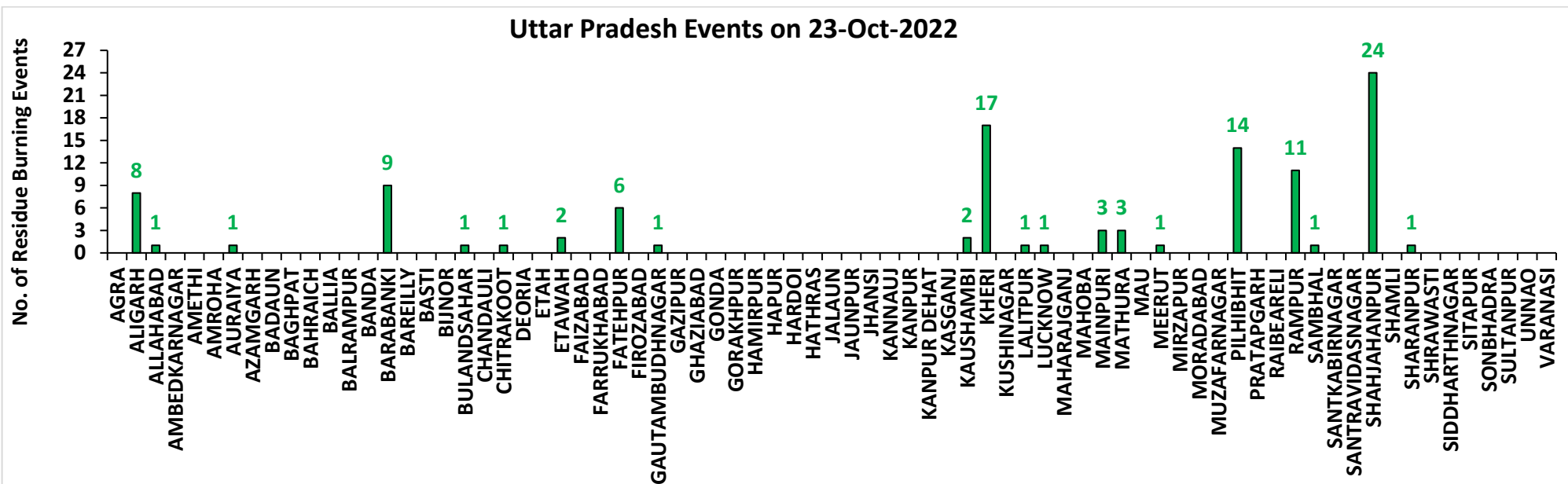
Fire Intensity (W/m²)

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



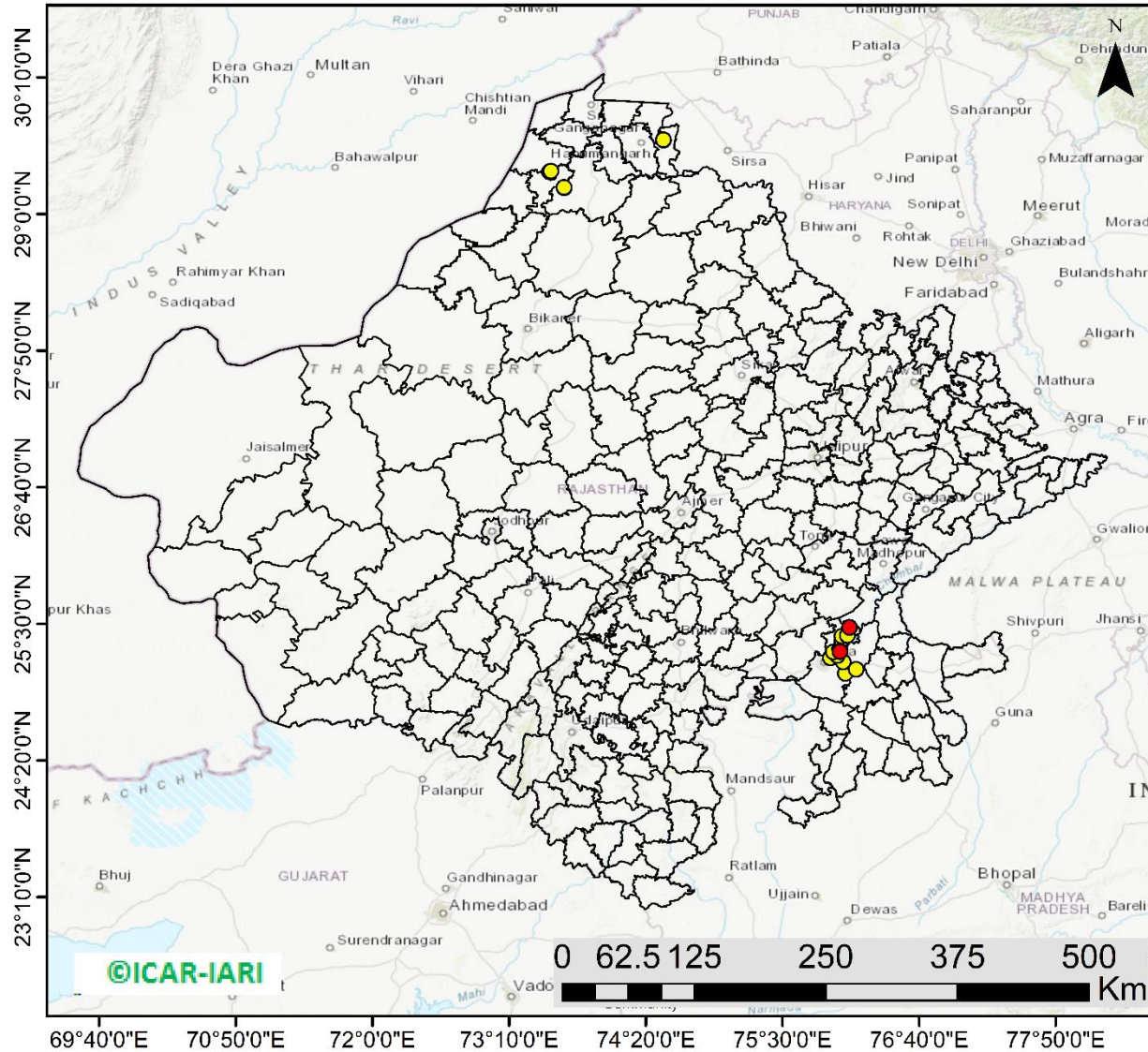
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep- 23Oct -2022)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



20 burning events
detected in Rajasthan on
(23rd Oct 2022)

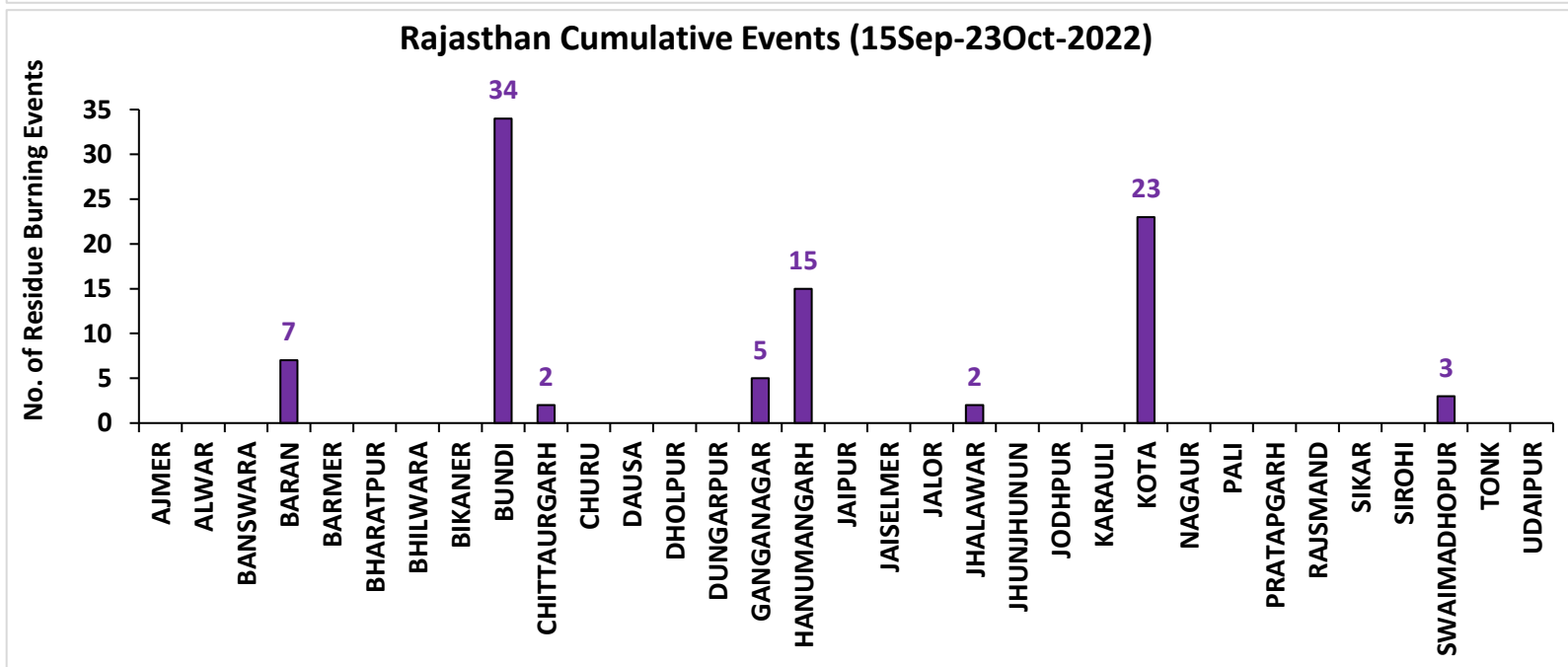
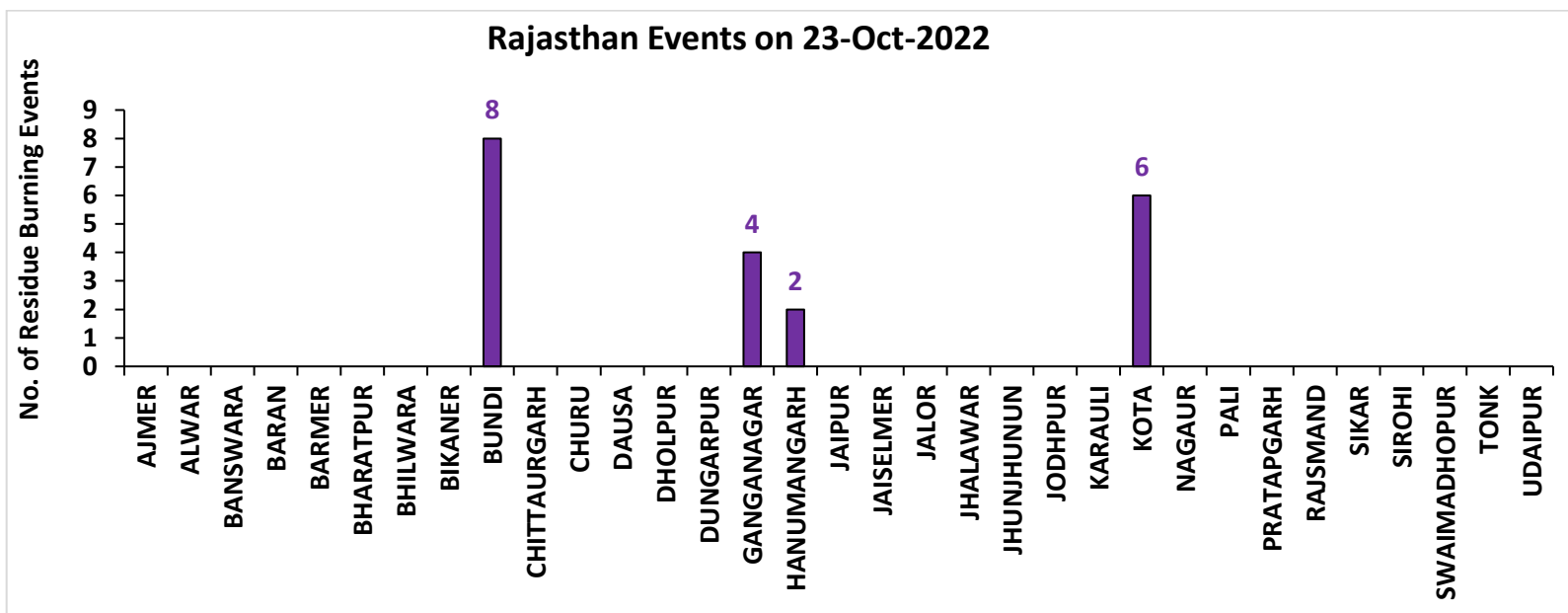
Fire Intensity (W/m²)

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



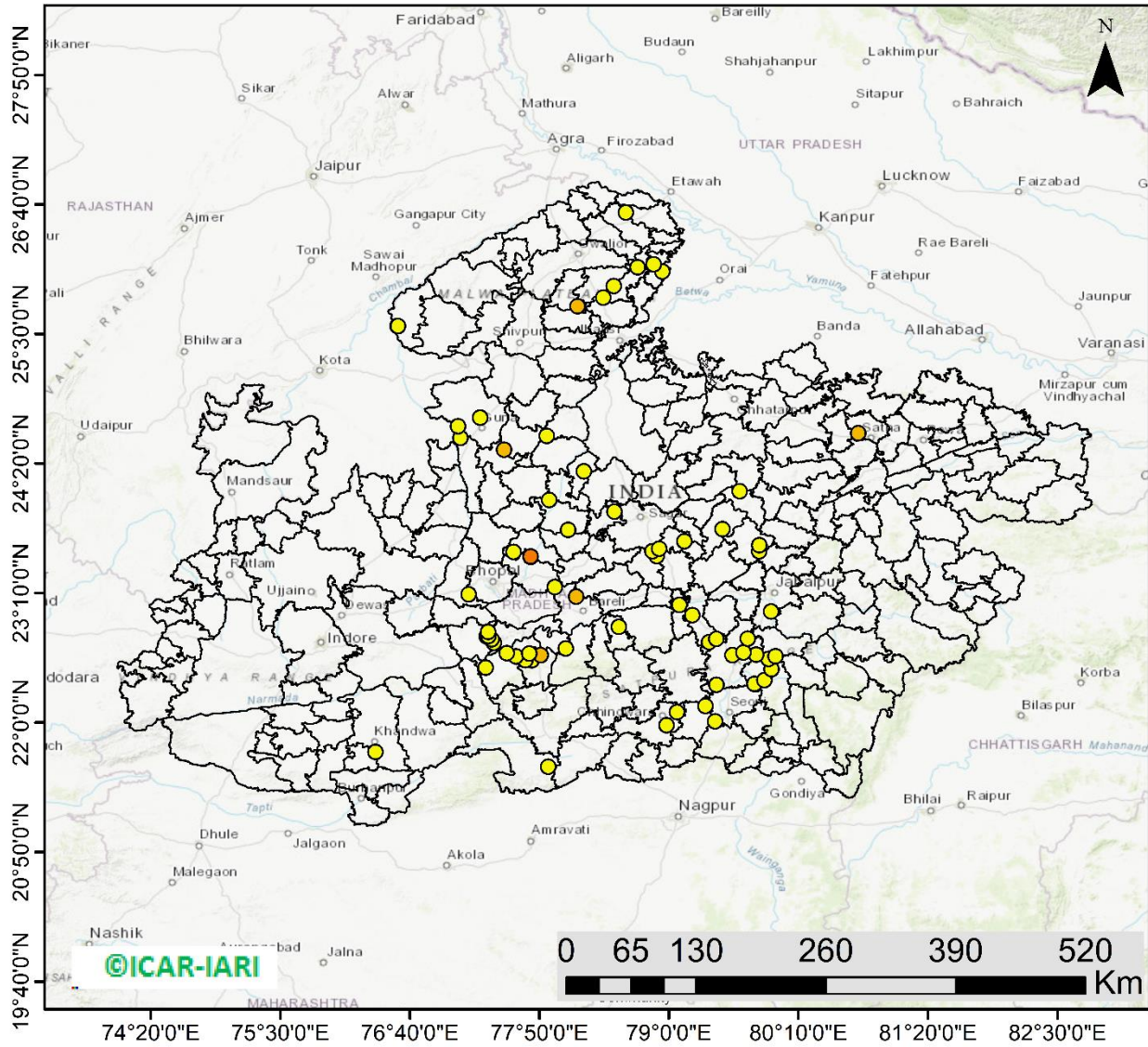
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Rajasthan (15Sep- 23Oct -2022)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



70 burning events detected in MP on (23rd Oct 2022)

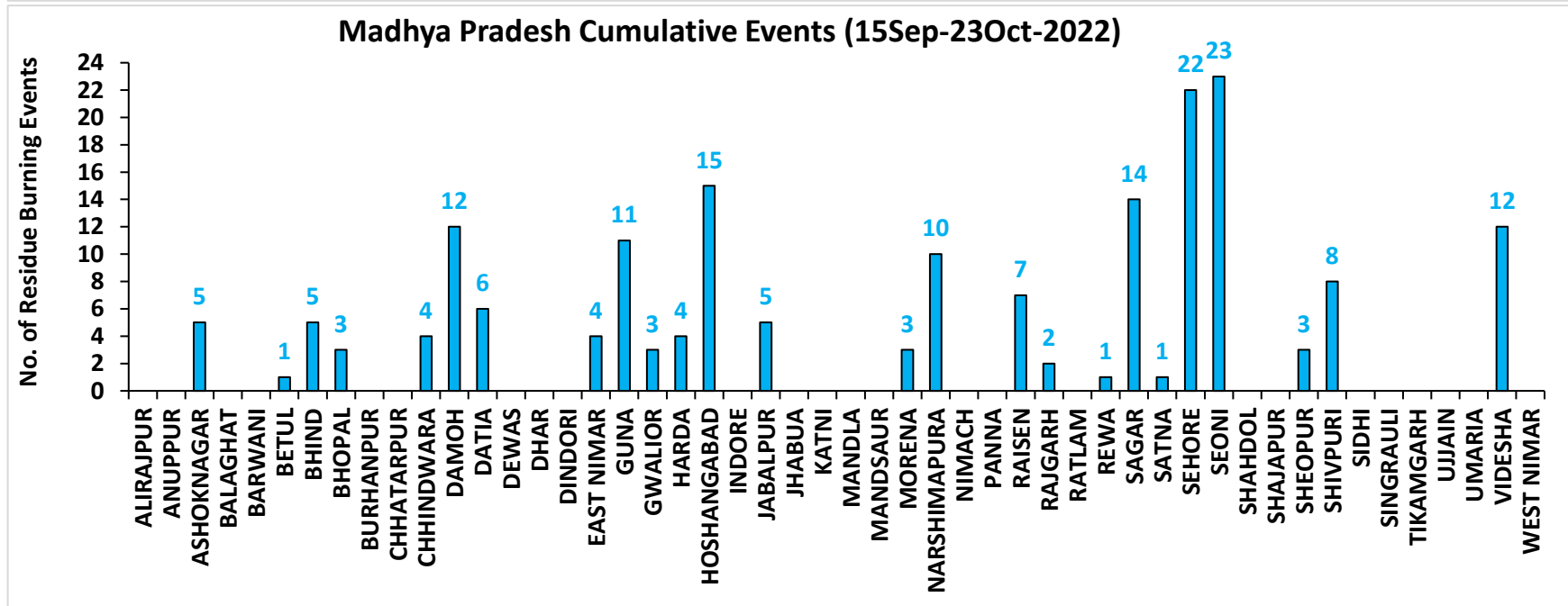
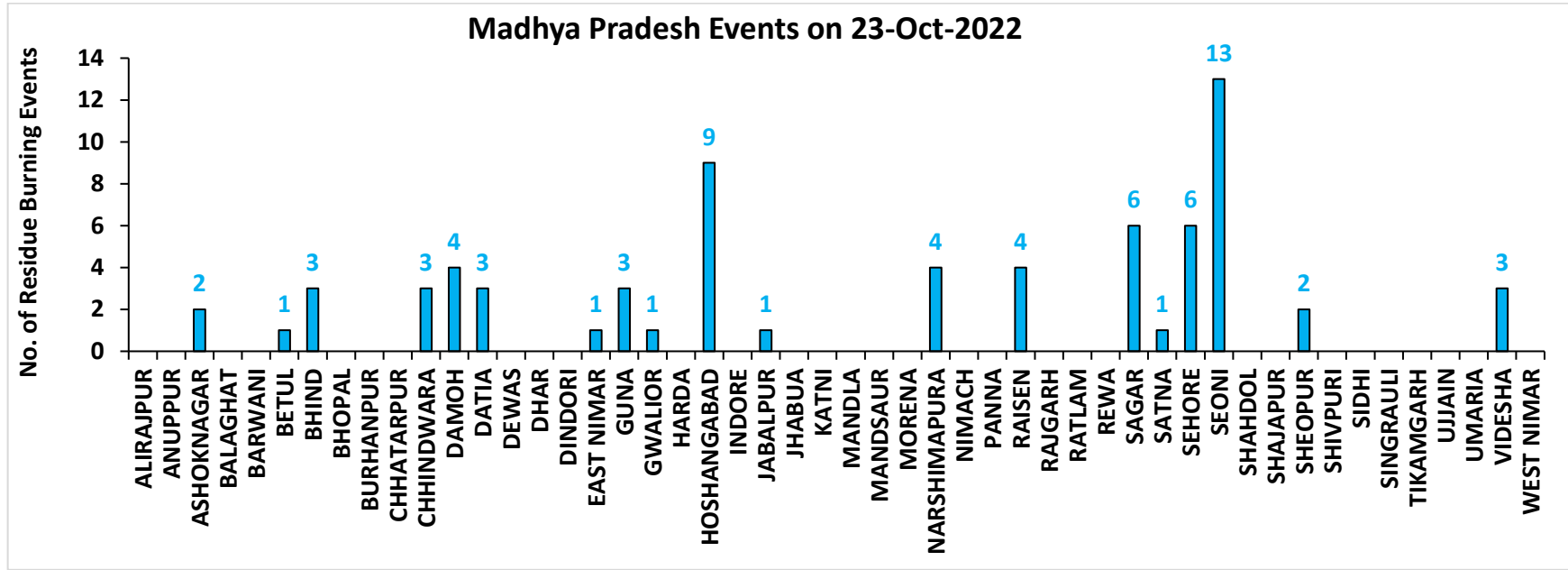
Fire Intensity (W/m²)

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



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

District-wise cumulative number of residues burning events in Madhya Pradesh (15Sep- 23Oct -2022)



District-wise cumulative number of residues burning events detected in 2020 ,2021 and 2022

(Period: 15 September-23 October)

(a) Punjab

District	15 Sep-23 Oct 2022		
	2020	2021	2022
Amritsar	2311	945	992
Barnala	66	47	26
Bathinda	185	71	56
Faridkot	738	285	34
Fatehgarh Sahib	390	286	137
Fazilka	218	82	39
Firozpur	1738	394	231
Gurdaspur	1145	394	459
Hoshiarpur	177	58	30
Jalandhar	326	273	218
Kapurthala	728	391	288
Ludhiana	350	389	161
Mansa	122	32	33
Moga	251	131	100
Muktsar	218	85	15
Pathankot	7	0	0
Patiala	1220	500	358
Rupnagar	60	46	28
Sangrur	393	146	163
SAS NAGAR (Mohali)	70	54	33
SBS Nagar	26	34	3
Tarn Taran	3155	1415	1194
Total	13894	6058	4598

(b) Haryana

District	15 Sep-23 Oct 2022		
	2020	2021	2022
AMBALA	182	85	76
BHIWANI	0	0	0
CHARKHI DADRI	0	0	0
FARIDABAD	1	1	1
FATEHABAD	94	109	99
GURGAON	0	0	0
HISAR	10	8	19
JHAJJAR	1	0	0
JIND	51	71	93
KAITHAL	317	476	303
KARNAL	409	531	171
KURUKSHETRA	332	316	224
MAHENDRAGARH	0	0	0
MEWAT	0	0	0
PALWAL	24	25	15
PANCHKULA	0	0	0
PANIPAT	12	20	17
REWARI	0	0	0
ROHTAK	2	0	0
SIRSA	27	17	18
SONIPAT	15	7	8
YAMUNANAGAR	83	60	66
Total	1560	1726	1110

(c) Uttar Pradesh

District	15 Sep-23 Oct 2022										
	2020	2021	2022	GAUTAMBUDHNAGAR	5	7	3	MUZAFARNAGAR	3	2	1
AGRA	2	0	0	GAZIPUR	0	0	0	PILHIBHIT	9	108	47
ALIGARH	48	21	17	GHAZIABAD	3	2	2	PRATAPGARH	3	0	0
ALLAHABAD	0	1	1	GONDA	0	0	0	RAIBEARELI	1	0	0
AMBEDKARNAGAR	0	0	0	GORAKHPUR	1	0	0	RAMPUR	48	50	19
AMETHI	0	1	4	HAMIRPUR	1	0	0	SAMBHAL	7	7	5
AMROHA	2	0	0	HAPUR	7	1	0	SANTKABIRNAGAR	0	0	0
AURAIYA	19	6	6	HARDOI	16	6	2	SANTRAVIDASNAGAR	0	0	0
AZAMGARH	0	0	0	HATHRAS	0	0	0	SHAHJAHANPUR	50	181	114
BADAUN	1	6	0	JALAUN	0	0	0	SHAMLI	20	15	5
BAGHPAT	4	1	1	JAUNPUR	0	0	0	SHARANPUR	44	20	10
BAHRAICH	14	2	4	JHANSI	21	6	0	SHRAWASTI	7	0	0
BALLIA	0	0	0	KANNAUJ	5	1	0	SIDDHARTHANAGAR	0	0	0
BALRAMPUR	2	1	1	KANPUR	5	7	10	SITAPUR	17	9	0
BANDA	0	0	0	KANPUR DEHAT	14	1	0	SONBHADRA	0	0	0
BARABANKI	19	20	11	KASGANJ	2	2	0	SULTANPUR	0	0	0
BAREILLY	24	15	2	KAUSHAMBI	14	3	2	UNNAO	6	1	0
BASTI	3	1	0	KHERI	48	54	29	VARANASI	1	0	0
BIJNOR	6	4	2	KUSHINAGAR	0	0	0	Total	670	642	337
BULANDSAHAR	16	2	3	LALITPUR	0	1	3				
CHANDAULI	0	0	0	LUCKNOW	2	0	1				
CHITRAKOOT	0	1	2	MAHARAJGANJ	0	0	0				
DEORIA	0	0	0	MAHOBA	11	0	0				
ETAH	12	6	1	MAINPURI	14	7	7				
ETAWAH	6	7	4	MATHURA	41	34	6				
FAIZABAD	1	0	0	MAU	0	0	0				
FARRUKHABAD	1	0	0	MEERUT	15	4	2				
FATEHPUR	23	6	8	MIRZAPUR	6	5	2				
FIROZABAD	12	4	0	MORADABAD	8	3	0				

(d) Delhi

District	15 Sep-23 Oct 2022		
	2020	2021	2022
CENTRAL	0	0	0
EAST	0	0	0
NEW DELHI	0	0	0
NORTH	2	0	3
NORTH EAST	0	0	0
NORTH WEST DELHI	3	0	0
SHAHADRA	0	0	0
SOUTH	1	0	0
SOUTH EAST	0	0	0
SOUTH WEST DELHI	0	0	0
WEST DELHI	1	0	0
Total	7	0	3

(e) Rajasthan

District	15 Sep-23 Oct 2022		
	2020	2021	2022
AJMER	2	0	0
ALWAR	1	0	0
BANSWARA	0	0	0
BARAN	103	0	7
BARMER	2	0	0
BHARATPUR	2	0	0
BHILWARA	3	0	0
BIKANER	1	0	0
BUNDI	23	2	34
CHITTAURGARH	0	2	2
CHURU	0	0	0
DAUSA	0	0	0
DHOLPUR	0	0	0
DUNGARPUR	0	0	0
GANGANAGAR	3	0	5
HANUMANGARH	210	47	15
JAIPUR	2	0	0
JAISELMER	2	0	0
JALOR	0	0	0
JHALAWAR	1	0	2
JHUNJHUNUN	1	0	0
JODHPUR	1	0	0
KARAULI	1	0	0
KOTA	37	1	23
NAGAUR	0	0	0
PALI	2	0	0
PRATAPGARH	4	0	0
RAJSMAND	0	0	0
SIKAR	0	0	0
SIROHI	1	0	0
SWAIMADHOPUR	10	0	3
TONK	2	0	0
UDAIPUR	0	0	0
Total	414	52	91

(f) Madhya Pradesh

District	15 Sep-23 Oct 2022						
	2020	2021	2022				
				PANNA	6	1	0
ALIRAJPUR	0	0	0	RAISEN	68	2	7
ANUPPUR	0	0	0	RAJGARH	7	1	3
ASHOKNAGAR	35	1	5	RATLAM	0	0	0
BALAGHAT	0	0	0	REWA	11	0	1
BARWANI	0	0	0	SAGAR	18	13	14
BETUL	4	1	1	SATNA	33	8	1
BHIND	11	1	5	SEHORE	15	7	22
BHOPAL	12	5	3	SEONI	106	56	23
BURHANPUR	0	0	0	SHAHDOL	0	0	0
CHHATARPUR	4	0	0	SHAJAPUR	5	0	0
CHHINDWARA	12	9	4	SHEOPUR	33	0	3
DAMOH	35	13	12	SHIVPURI	17	0	8
DATIA	116	8	6	SIDHI	0	0	0
DEWAS	3	0	0	SINGRAULI	0	0	0
DHAR	22	0	0	TIKAMGARH	1	0	0
DINDORI	0	0	0	UJJAIN	5	0	0
EAST NIMAR	3	5	4	UMARIA	0	0	0
GUNA	24	2	11	VIDESHA	71	9	12
GWALIOR	97	0	3	WEST NIMAR	15	1	0
HARDA	10	13	4	Total	1029	197	184
HOSHANGABAD	129	21	15				
INDORE	2	0	0				
JABALPUR	29	6	4				
JHABUA	0	0	0				
KATNI	19	0	0				
MANDLA	4	1	0				
MANDSAUR	3	0	0				
MORENA	23	5	3				
NARSHIMAPURA	21	8	10				
NIMACH	0	0	0				

State-wise and date-wise number of paddy residue burning events detected in 2020, 2021 and 2022
(Period: 15 September - 23 October 2022)

Number of Paddy Residue Burning Events Detected

	Punjab			Haryana			Uttar Pradesh			Delhi			Rajasthan			Madhya Pradesh		
	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022
15-Sep	5	0	14	2	0	0	1	0	0	0	0	0	1	0	0	2	0	0
16-Sep	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Sep	5	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Sep	17	9	7	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
19-Sep	30	5	18	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0
20-Sep	67	8	10	6	0	0	2	0	0	0	0	0	0	0	0	0	0	0
21-Sep	54	0	56	2	0	0	1	0	0	0	0	0	1	0	1	2	0	0
22-Sep	34	0	30	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
23-Sep	49	0	3	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
24-Sep	78	5	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
25-Sep	184	11	0	11	0	0	5	0	0	0	0	0	1	0	0	0	0	0
26-Sep	190	19	0	5	0	0	8	0	0	0	0	0	1	0	0	2	0	0
27-Sep	78	37	0	8	0	0	4	1	0	0	0	0	0	0	0	1	0	0
28-Sep	55	28	0	6	1	0	1	6	0	0	0	0	0	0	0	1	1	0
29-Sep	63	64	0	9	4	0	6	10	0	0	0	0	3	0	0	0	4	0
30-Sep	116	27	8	22	2	0	13	13	10	1	0	0	1	0	0	5	0	0
01-Oct	165	13	45	15	4	1	7	13	3	0	0	0	4	1	1	13	0	1
02-Oct	141	0	83	30	2	7	12	0	36	1	0	0	7	0	3	12	0	1
03-Oct	110	9	75	8	6	8	4	3	29	0	0	0	9	0	2	5	1	5
04-Oct	162	23	65	29	2	7	8	0	2	0	0	0	15	0	0	4	2	0
05-Oct	161	18	130	17	3	24	14	2	0	0	0	2	14	0	1	13	1	0
06-Oct	171	42	85	30	0	26	12	1	0	1	0	0	16	0	0	37	1	0
07-Oct	197	72	62	32	11	6	41	13	0	0	0	0	14	1	1	31	1	0
08-Oct	95	108	19	29	27	0	25	11	0	0	0	0	11	0	0	17	2	0

09-Oct	121	114	3	20	39	1	15	20	0	0	0	0	12	0	0	15	4	0
10-Oct	232	150	4	33	95	2	9	54	0	0	0	0	14	1	0	18	10	0
11-Oct	377	64	45	90	51	0	23	28	0	0	0	0	21	7	1	32	2	0
12-Oct	388	97	104	69	51	4	46	23	0	0	0	0	24	1	2	44	1	1
13-Oct	266	132	120	47	91	15	36	42	0	0	0	0	7	5	2	21	2	7
14-Oct	605	229	82	69	98	30	9	68	11	0	0	0	16	1	1	15	11	1
15-Oct	449	660	169	106	363	36	15	149	0	0	0	0	9	8	2	8	27	2
16-Oct	654	429	206	80	176	76	21	121	6	1	0	0	12	2	4	23	13	2
17-Oct	1172	14	403	143	0	86	38	39	7	0	0	0	26	0	4	63	1	11
18-Oct	938	57	342	166	1	134	76	0	30	0	0	1	37	2	12	88	0	15
19-Oct	1080	496	436	72	55	122	43	5	36	0	0	0	27	5	12	49	1	12
20-Oct	890	788	96	62	155	78	31	1	17	0	0	0	26	4	4	9	21	7
21-Oct	597	393	101	131	107	25	5	23	2	0	0	32	2	6	112	30	18	597
22-Oct	1665	1111	582	128	140	122	32	3	18	0	0	0	29	5	12	183	29	31
23-Oct	1438	620	902	106	218	217	84	8	109	1	0	0	23	7	20	204	32	70
Total	13894	6058	4598	1560	1726	1110	670	642	337	7	0	3	414	52	91	1029	197	184

Details of residue burning events in Punjab on 23-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	AMRITSAR	AJNALA	S-NPP	31.82870	74.77070	13:29:13	D	1.00
2	AMRITSAR	AJNALA	S-NPP	31.82930	74.92910	13:29:13	D	1.60
3	AMRITSAR	AJNALA	S-NPP	31.86690	74.77510	13:29:13	D	3.50
4	AMRITSAR	AJNALA	S-NPP	31.89360	74.77420	13:29:13	D	2.10
5	AMRITSAR	AJNALA	S-NPP	31.91280	74.83270	13:29:13	D	3.60
6	AMRITSAR	AJNALA	S-NPP	31.91550	74.82800	13:29:13	D	4.10
7	AMRITSAR	AJNALA	S-NPP	31.91760	74.88600	13:29:13	D	10.40
8	AMRITSAR	AJNALA	S-NPP	31.92910	74.78330	13:29:13	D	1.40
9	AMRITSAR	AJNALA	S-NPP	31.94180	74.91010	13:29:13	D	2.50
10	AMRITSAR	AJNALA	S-NPP	31.95870	74.93150	13:29:13	D	7.90
11	AMRITSAR	AJNALA	S-NPP	31.95930	74.86880	13:29:13	D	3.00
12	AMRITSAR	AJNALA	S-NPP	31.96180	74.88500	13:29:13	D	5.20
13	AMRITSAR	AJNALA	S-NPP	31.96900	74.88760	13:29:13	D	47.40
14	AMRITSAR	AJNALA	S-NPP	31.97310	74.87010	13:29:13	D	3.90
15	AMRITSAR	AJNALA	S-NPP	31.97450	74.85720	13:29:13	D	2.80
16	AMRITSAR	AJNALA	S-NPP	31.97600	74.91120	13:29:13	D	2.20
17	AMRITSAR	AJNALA	S-NPP	31.97930	74.91050	13:29:13	D	2.20
18	AMRITSAR	AJNALA	S-NPP	32.00590	74.88400	13:29:13	D	2.40
19	AMRITSAR	AJNALA	S-NPP	32.01210	74.92450	13:29:13	D	2.10
20	AMRITSAR	AJNALA	AQUA	31.94900	74.92800	13:18:58	D	19.70
21	AMRITSAR	AJNALA	AQUA	31.95300	74.88200	13:18:58	D	19.00
22	AMRITSAR	AJNALA	AQUA	31.95400	74.87700	13:18:58	D	22.30
23	AMRITSAR	ATTARI	S-NPP	31.54370	74.70020	13:29:13	D	3.80
24	AMRITSAR	ATTARI	S-NPP	31.56630	74.84530	13:29:13	D	4.70
25	AMRITSAR	ATTARI	S-NPP	31.58200	74.60130	13:29:13	D	22.90
26	AMRITSAR	ATTARI	S-NPP	31.58520	74.70910	13:29:13	D	4.80
27	AMRITSAR	ATTARI	S-NPP	31.58850	74.70840	13:29:13	D	4.80
28	AMRITSAR	ATTARI	S-NPP	31.60630	74.71290	13:29:13	D	2.80
29	AMRITSAR	ATTARI	S-NPP	31.60960	74.71220	13:29:13	D	2.80
30	AMRITSAR	CHOGAWAN	S-NPP	31.64200	74.61360	13:29:13	D	2.20

31	AMRITSAR	CHOGAWAN	S-NPP	31.64530	74.61290	13:29:13	D	2.60
32	AMRITSAR	CHOGAWAN	S-NPP	31.65310	74.55740	13:29:13	D	5.50
33	AMRITSAR	CHOGAWAN	S-NPP	31.70790	74.55820	13:29:13	D	3.30
34	AMRITSAR	CHOGAWAN	S-NPP	31.71880	74.69360	13:29:13	D	15.40
35	AMRITSAR	CHOGAWAN	S-NPP	31.71970	74.56820	13:29:13	D	6.60
36	AMRITSAR	CHOGAWAN	S-NPP	31.79980	74.58480	13:29:13	D	1.50
37	AMRITSAR	CHOGAWAN	S-NPP	31.82170	74.65940	13:29:13	D	2.10
38	AMRITSAR	CHOGAWAN	S-NPP	31.82500	74.65880	13:29:13	D	2.10
39	AMRITSAR	CHOGAWAN	S-NPP	31.82660	74.62510	13:29:13	D	4.60
40	AMRITSAR	CHOGAWAN	S-NPP	31.83730	74.69370	13:29:13	D	4.20
41	AMRITSAR	HARSHA CHHINA	S-NPP	31.79280	74.90730	13:29:13	D	6.00
42	AMRITSAR	HARSHA CHHINA	S-NPP	31.79610	74.90660	13:29:13	D	6.00
43	AMRITSAR	HARSHA CHHINA	S-NPP	31.80870	74.88340	13:29:13	D	2.00
44	AMRITSAR	HARSHA CHHINA	S-NPP	31.82720	74.87110	13:29:13	D	3.70
45	AMRITSAR	HARSHA CHHINA	AQUA	31.79800	74.77500	13:18:58	D	17.20
46	AMRITSAR	JANDIALA GURU	S-NPP	31.55390	75.09730	13:29:13	D	1.70
47	AMRITSAR	JANDIALA GURU	S-NPP	31.56840	74.96960	13:29:13	D	2.70
48	AMRITSAR	JANDIALA GURU	S-NPP	31.57170	74.96890	13:29:13	D	3.80
49	AMRITSAR	JANDIALA GURU	S-NPP	31.57310	75.02260	13:29:13	D	3.30
50	AMRITSAR	JANDIALA GURU	AQUA	31.55100	74.99800	13:18:58	D	14.10
51	AMRITSAR	MAJITHA	S-NPP	31.72320	75.07600	13:29:13	D	17.00
52	AMRITSAR	MAJITHA	S-NPP	31.74410	74.96760	13:29:13	D	6.40
53	AMRITSAR	MAJITHA	S-NPP	31.74740	74.96690	13:29:13	D	24.60
54	AMRITSAR	MAJITHA	S-NPP	31.76020	75.07250	13:29:13	D	5.90
55	AMRITSAR	MAJITHA	S-NPP	31.77010	74.93710	13:29:13	D	5.40
56	AMRITSAR	RAYYA	S-NPP	31.50100	75.19500	13:29:13	D	2.00
57	AMRITSAR	RAYYA	S-NPP	31.50430	75.19430	13:29:13	D	14.30
58	AMRITSAR	RAYYA	S-NPP	31.50470	75.21910	13:29:13	D	2.90
59	AMRITSAR	RAYYA	S-NPP	31.52120	75.21570	13:29:13	D	7.00
60	AMRITSAR	RAYYA	S-NPP	31.53240	75.24710	13:29:13	D	2.10
61	AMRITSAR	RAYYA	S-NPP	31.54490	75.19470	13:29:13	D	1.40
62	AMRITSAR	RAYYA	S-NPP	31.55830	75.28330	13:29:13	D	2.40
63	AMRITSAR	RAYYA	S-NPP	31.56880	75.23960	13:29:13	D	2.20

64	AMRITSAR	RAYYA	S-NPP	31.57280	75.28860	13:29:13	D	3.10
65	AMRITSAR	RAYYA	S-NPP	31.57400	75.29670	13:29:13	D	3.80
66	AMRITSAR	RAYYA	S-NPP	31.57910	75.30810	13:29:13	D	2.40
67	AMRITSAR	RAYYA	S-NPP	31.59000	75.33500	13:29:13	D	4.70
68	AMRITSAR	RAYYA	S-NPP	31.60250	75.28250	13:29:13	D	2.20
69	AMRITSAR	RAYYA	S-NPP	31.60850	75.27710	13:29:13	D	2.70
70	AMRITSAR	RAYYA	S-NPP	31.61270	75.30530	13:29:13	D	12.40
71	AMRITSAR	RAYYA	S-NPP	31.61420	75.29250	13:29:13	D	1.80
72	AMRITSAR	RAYYA	S-NPP	31.61910	75.32480	13:29:13	D	4.80
73	AMRITSAR	RAYYA	S-NPP	31.62110	75.27030	13:29:13	D	9.10
74	AMRITSAR	RAYYA	S-NPP	31.62340	75.35300	13:29:13	D	1.60
75	AMRITSAR	RAYYA	S-NPP	31.62480	75.29450	13:29:13	D	3.00
76	AMRITSAR	RAYYA	S-NPP	31.63120	75.24750	13:29:13	D	4.90
77	AMRITSAR	RAYYA	S-NPP	31.63420	75.22190	13:29:13	D	1.90
78	AMRITSAR	RAYYA	S-NPP	31.63580	75.25480	13:29:13	D	2.70
79	AMRITSAR	RAYYA	S-NPP	31.63690	75.22240	13:29:13	D	6.30
80	AMRITSAR	RAYYA	S-NPP	31.65440	75.24790	13:29:13	D	3.50
81	AMRITSAR	RAYYA	S-NPP	31.65510	75.29770	13:29:13	D	8.70
82	AMRITSAR	RAYYA	S-NPP	31.66330	75.21690	13:29:13	D	3.00
83	AMRITSAR	RAYYA	S-NPP	31.66430	75.24580	13:29:13	D	2.40
84	AMRITSAR	RAYYA	S-NPP	31.66650	75.28280	13:29:13	D	2.10
85	AMRITSAR	RAYYA	S-NPP	31.69680	75.28070	13:29:13	D	1.80
86	AMRITSAR	RAYYA	AQUA	31.58300	75.23700	13:18:58	D	14.90
87	AMRITSAR	RAYYA	AQUA	31.58600	75.23000	13:18:58	D	16.70
88	AMRITSAR	TARSIKKA	S-NPP	31.61340	75.19710	13:29:13	D	12.10
89	AMRITSAR	TARSIKKA	S-NPP	31.64850	75.18670	13:29:13	D	3.60
90	AMRITSAR	TARSIKKA	S-NPP	31.64960	75.14910	13:29:13	D	11.10
91	AMRITSAR	TARSIKKA	S-NPP	31.65060	75.17800	13:29:13	D	2.80
92	AMRITSAR	TARSIKKA	S-NPP	31.66950	75.19070	13:29:13	D	4.00
93	AMRITSAR	TARSIKKA	S-NPP	31.72150	75.19650	13:29:13	D	2.10
94	AMRITSAR	TARSIKKA	S-NPP	31.72690	75.18710	13:29:13	D	1.80
95	AMRITSAR	TARSIKKA	S-NPP	31.73250	75.15680	13:29:13	D	3.90
96	AMRITSAR	VERKA	S-NPP	31.69320	74.94440	13:29:13	D	9.70

97	AMRITSAR	VERKA	S-NPP	31.69650	74.94370	13:29:13	D	8.10
98	BARNALA	BARNALA	S-NPP	30.22060	75.39430	13:29:13	D	4.30
99	BARNALA	BARNALA	S-NPP	30.26560	75.57760	13:29:13	D	3.50
100	BARNALA	BARNALA	S-NPP	30.37710	75.50700	13:29:13	D	4.60
101	BARNALA	BARNALA	AQUA	30.44300	75.51600	13:18:58	D	12.20
102	BARNALA	MAHAL KALAN	S-NPP	30.56240	75.41250	13:29:13	D	4.00
103	BARNALA	MAHAL KALAN	S-NPP	30.58820	75.45260	13:29:13	D	2.30
104	BARNALA	SEHNA	S-NPP	30.47210	75.31180	13:29:13	D	2.80
105	BARNALA	SEHNA	S-NPP	30.48300	75.38350	13:29:13	D	5.00
106	BATHINDA	BATHINDA	S-NPP	30.13840	75.01750	13:29:13	D	2.80
107	BATHINDA	BATHINDA	S-NPP	30.22810	74.83110	13:29:13	D	3.30
108	BATHINDA	BATHINDA	S-NPP	30.24690	74.88490	13:29:13	D	5.80
109	BATHINDA	BATHINDA	S-NPP	30.24740	74.73620	13:29:13	D	23.50
110	BATHINDA	BHAGTA BHAI KA	S-NPP	30.49480	75.10570	13:29:13	D	1.70
111	BATHINDA	GONIANA MANDI	S-NPP	30.28760	74.86840	13:29:13	D	11.70
112	BATHINDA	GONIANA MANDI	S-NPP	30.32100	74.82020	13:29:13	D	9.10
113	BATHINDA	GONIANA MANDI	S-NPP	30.34320	74.85270	13:29:13	D	7.40
114	BATHINDA	GONIANA MANDI	S-NPP	30.37920	74.88640	13:29:13	D	3.10
115	BATHINDA	GONIANA MANDI	AQUA	30.27200	74.87800	13:18:58	D	17.10
116	BATHINDA	GONIANA MANDI	AQUA	30.27500	74.88200	13:18:58	D	17.40
117	BATHINDA	GONIANA MANDI	AQUA	30.27900	74.90500	13:18:58	D	17.50
118	BATHINDA	GONIANA MANDI	AQUA	30.35300	74.87900	13:18:58	D	15.60
119	BATHINDA	MAUR	S-NPP	30.07740	75.18990	13:29:13	D	3.10
120	BATHINDA	PHUL	S-NPP	30.34550	75.17310	13:29:13	D	33.80
121	BATHINDA	PHUL	S-NPP	30.37940	75.26060	13:29:13	D	5.10
122	BATHINDA	RAMPURA	S-NPP	30.18220	75.29970	13:29:13	D	1.70
123	BATHINDA	RAMPURA	S-NPP	30.28030	75.29710	13:29:13	D	5.80
124	BATHINDA	RAMPURA	S-NPP	30.28360	75.29640	13:29:13	D	5.80
125	BATHINDA	SANGAT	S-NPP	30.04230	74.71200	13:29:13	D	13.60
126	BATHINDA	TALWANDI SABO	S-NPP	29.80220	75.14360	13:29:13	D	17.90
127	BATHINDA	TALWANDI SABO	S-NPP	29.81610	75.14480	13:29:13	D	6.10
128	BATHINDA	TALWANDI SABO	S-NPP	29.83670	75.12420	13:29:13	D	2.30
129	BATHINDA	TALWANDI SABO	S-NPP	29.95970	75.00060	13:29:13	D	3.30

130	BATHINDA	TALWANDI SABO	S-NPP	29.96420	74.94210	13:29:13	D	3.70
131	BATHINDA	TALWANDI SABO	S-NPP	30.04810	74.95800	13:29:13	D	9.90
132	BATHINDA	TALWANDI SABO	S-NPP	30.07080	74.99440	13:29:13	D	4.00
133	BATHINDA	TALWANDI SABO	S-NPP	30.07350	74.98970	13:29:13	D	2.50
134	BATHINDA	TALWANDI SABO	AQUA	29.94900	74.99100	13:18:58	D	21.90
135	BATHINDA	TALWANDI SABO	AQUA	29.95200	74.99600	13:18:58	D	27.80
136	FARIDKOT	FARIDKOT	S-NPP	30.66850	74.80690	13:29:13	D	3.60
137	FARIDKOT	FARIDKOT	S-NPP	30.66920	74.81090	13:29:13	D	3.60
138	FARIDKOT	FARIDKOT	S-NPP	30.73350	74.90110	13:29:13	D	1.70
139	FARIDKOT	FARIDKOT	S-NPP	30.79800	74.76760	13:29:13	D	2.60
140	FARIDKOT	FARIDKOT	S-NPP	30.80800	74.66220	13:29:13	D	5.60
141	FARIDKOT	FARIDKOT	AQUA	30.64700	74.62700	13:18:58	D	16.90
142	FARIDKOT	JAITON	S-NPP	30.38430	74.91830	13:29:13	D	2.90
143	FARIDKOT	JAITON	AQUA	30.37400	74.91500	13:18:58	D	14.40
144	FATEHGARH SAHIB	AMLOH	S-NPP	30.65600	76.22230	13:29:13	D	2.90
145	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.65470	76.33060	13:29:13	D	2.00
146	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.66350	76.32060	13:29:13	D	2.30
147	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.68340	76.52970	13:29:13	D	2.90
148	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70230	76.44660	13:29:13	D	6.10
149	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70270	76.42560	13:29:13	D	3.80
150	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70450	76.43780	13:29:13	D	4.90
151	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71860	76.46430	13:29:13	D	7.90
152	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71890	76.37240	13:29:13	D	9.10
153	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72130	76.45960	13:29:13	D	8.50
154	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72190	76.46370	13:29:13	D	7.90
155	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72330	76.49690	13:29:13	D	2.90
156	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72350	76.45090	13:29:13	D	4.50
157	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72720	76.50030	13:29:13	D	2.90
158	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.74280	76.50180	13:29:13	D	5.40
159	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.65300	76.33100	13:18:58	D	17.00
160	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.71500	76.47600	13:18:58	D	20.50
161	FATEHGARH SAHIB	KHAMANON	S-NPP	30.74430	76.32180	13:29:13	D	4.10
162	FATEHGARH SAHIB	KHAMANON	S-NPP	30.78560	76.34720	13:29:13	D	2.00

163	FATEHGARH SAHIB	KHAMANON	S-NPP	30.79170	76.34180	13:29:13	D	2.50
164	FATEHGARH SAHIB	KHAMANON	S-NPP	30.83300	76.35180	13:29:13	D	1.40
165	FATEHGARH SAHIB	KHERA	S-NPP	30.56370	76.49780	13:29:13	D	2.40
166	FATEHGARH SAHIB	KHERA	S-NPP	30.56910	76.55950	13:29:13	D	5.10
167	FATEHGARH SAHIB	KHERA	S-NPP	30.57190	76.48370	13:29:13	D	5.90
168	FATEHGARH SAHIB	KHERA	S-NPP	30.57250	76.48780	13:29:13	D	5.90
169	FATEHGARH SAHIB	KHERA	S-NPP	30.61910	76.62110	13:29:13	D	4.30
170	FATEHGARH SAHIB	KHERA	S-NPP	30.63190	76.61450	13:29:13	D	1.40
171	FATEHGARH SAHIB	KHERA	S-NPP	30.63530	76.61390	13:29:13	D	1.40
172	FATEHGARH SAHIB	KHERA	S-NPP	30.67180	76.54450	13:29:13	D	1.40
173	FATEHGARH SAHIB	SIRHIND	S-NPP	30.44600	76.45350	13:29:13	D	1.90
174	FATEHGARH SAHIB	SIRHIND	S-NPP	30.52570	76.47170	13:29:13	D	2.50
175	FATEHGARH SAHIB	SIRHIND	S-NPP	30.53000	76.45420	13:29:13	D	3.90
176	FATEHGARH SAHIB	SIRHIND	S-NPP	30.53750	76.41110	13:29:13	D	16.60
177	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54060	76.45640	13:29:13	D	3.20
178	FATEHGARH SAHIB	SIRHIND	S-NPP	30.58900	76.45950	13:29:13	D	4.20
179	FATEHGARH SAHIB	SIRHIND	S-NPP	30.59230	76.45890	13:29:13	D	4.20
180	FAZILKA	ABOHAR	S-NPP	30.15900	74.16250	13:29:13	D	12.70
181	FAZILKA	FAZILKA	S-NPP	30.34370	74.04740	13:29:13	D	3.20
182	FAZILKA	FAZILKA	S-NPP	30.45850	74.04390	13:29:13	D	2.20
183	FAZILKA	FAZILKA	S-NPP	30.45910	74.04800	13:29:13	D	2.40
184	FAZILKA	FAZILKA	S-NPP	30.45920	74.00560	13:29:13	D	2.30
185	FAZILKA	JALALABAD	S-NPP	30.45800	74.31780	13:29:13	D	5.00
186	FAZILKA	JALALABAD	S-NPP	30.59470	74.23510	13:29:13	D	3.10
187	FAZILKA	KHUIAN SARWAR	S-NPP	30.04530	74.06030	13:29:13	D	2.00
188	FAZILKA	KHUIAN SARWAR	S-NPP	30.06280	74.06080	13:29:13	D	2.80
189	FIROZPUR	FIROZPUR	S-NPP	30.81720	74.56880	13:29:13	D	1.90
190	FIROZPUR	FIROZPUR	S-NPP	30.86310	74.62140	13:29:13	D	6.10
191	FIROZPUR	FIROZPUR	S-NPP	30.92610	74.52920	13:29:13	D	5.30
192	FIROZPUR	FIROZPUR	S-NPP	30.96790	74.51190	13:29:13	D	1.90
193	FIROZPUR	FIROZPUR	S-NPP	30.98930	74.66970	13:29:13	D	2.40
194	FIROZPUR	FIROZPUR	S-NPP	30.99860	74.58080	13:29:13	D	3.70
195	FIROZPUR	FIROZPUR	S-NPP	31.00370	74.61300	13:29:13	D	2.60

196	FIROZPUR	FIROZPUR	S-NPP	31.00600	74.56260	13:29:13	D	3.20
197	FIROZPUR	FIROZPUR	S-NPP	31.01260	74.73120	13:29:13	D	22.90
198	FIROZPUR	FIROZPUR	S-NPP	31.04760	74.56620	13:29:13	D	2.00
199	FIROZPUR	FIROZPUR	S-NPP	31.04820	74.67840	13:29:13	D	6.40
200	FIROZPUR	FIROZPUR	S-NPP	31.06130	74.69640	13:29:13	D	4.20
201	FIROZPUR	GHALL KHURD	S-NPP	30.85750	74.75960	13:29:13	D	4.90
202	FIROZPUR	GURUHAR SAHAI	S-NPP	30.63020	74.29510	13:29:13	D	0.80
203	FIROZPUR	GURUHAR SAHAI	S-NPP	30.64070	74.35980	13:29:13	D	3.40
204	FIROZPUR	GURUHAR SAHAI	S-NPP	30.64430	74.25430	13:29:13	D	8.20
205	FIROZPUR	GURUHAR SAHAI	S-NPP	30.65500	74.21410	13:29:13	D	2.40
206	FIROZPUR	GURUHAR SAHAI	S-NPP	30.65960	74.22150	13:29:13	D	28.00
207	FIROZPUR	GURUHAR SAHAI	S-NPP	30.69510	74.35650	13:29:13	D	3.60
208	FIROZPUR	GURUHAR SAHAI	S-NPP	30.70390	74.30430	13:29:13	D	2.10
209	FIROZPUR	GURUHAR SAHAI	S-NPP	30.74970	74.40390	13:29:13	D	2.70
210	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76380	74.34230	13:29:13	D	2.60
211	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76550	74.43810	13:29:13	D	4.30
212	FIROZPUR	GURUHAR SAHAI	S-NPP	30.77180	74.32800	13:29:13	D	3.90
213	FIROZPUR	GURUHAR SAHAI	S-NPP	30.77310	74.35710	13:29:13	D	5.20
214	FIROZPUR	GURUHAR SAHAI	S-NPP	30.78050	74.31780	13:29:13	D	5.70
215	FIROZPUR	GURUHAR SAHAI	AQUA	30.67900	74.46100	13:18:58	D	18.70
216	FIROZPUR	GURUHAR SAHAI	AQUA	30.68200	74.46700	13:18:58	D	25.60
217	FIROZPUR	MAKHU	S-NPP	31.04360	74.84530	13:29:13	D	3.60
218	FIROZPUR	MAKHU	S-NPP	31.04570	74.83660	13:29:13	D	15.20
219	FIROZPUR	MAKHU	S-NPP	31.05400	74.86800	13:29:13	D	4.00
220	FIROZPUR	MAKHU	S-NPP	31.08700	74.86100	13:29:13	D	2.90
221	FIROZPUR	MAMDOT	S-NPP	30.83500	74.44410	13:29:13	D	22.90
222	FIROZPUR	MAMDOT	S-NPP	30.84720	74.52080	13:29:13	D	17.70
223	FIROZPUR	MAMDOT	S-NPP	30.84780	74.39540	13:29:13	D	2.60
224	FIROZPUR	MAMDOT	S-NPP	30.88420	74.43800	13:29:13	D	8.70
225	FIROZPUR	MAMDOT	S-NPP	30.91910	74.46390	13:29:13	D	6.20
226	FIROZPUR	MAMDOT	AQUA	30.83200	74.43000	13:18:58	D	16.00
227	FIROZPUR	ZIRA	S-NPP	30.93380	74.85980	13:29:13	D	2.70
228	FIROZPUR	ZIRA	S-NPP	30.93960	75.02370	13:29:13	D	6.20

229	FIROZPUR	ZIRA	S-NPP	30.94270	74.89510	13:29:13	D	2.10
230	FIROZPUR	ZIRA	S-NPP	30.95800	74.88360	13:29:13	D	2.30
231	FIROZPUR	ZIRA	S-NPP	31.00220	74.88260	13:29:13	D	3.50
232	FIROZPUR	ZIRA	S-NPP	31.00280	74.88660	13:29:13	D	4.40
233	GURDASPUR	BATALA	S-NPP	31.70330	75.23360	13:29:13	D	8.20
234	GURDASPUR	BATALA	S-NPP	31.73670	75.25170	13:29:13	D	2.00
235	GURDASPUR	BATALA	S-NPP	31.75320	75.27370	13:29:13	D	3.40
236	GURDASPUR	BATALA	S-NPP	31.76240	75.22190	13:29:13	D	5.40
237	GURDASPUR	BATALA	S-NPP	31.77050	75.20770	13:29:13	D	4.70
238	GURDASPUR	BATALA	S-NPP	31.77690	75.22720	13:29:13	D	3.70
239	GURDASPUR	BATALA	S-NPP	31.78170	75.14710	13:29:13	D	21.20
240	GURDASPUR	BATALA	S-NPP	31.79550	75.21500	13:29:13	D	1.80
241	GURDASPUR	BATALA	S-NPP	31.82710	75.26680	13:29:13	D	2.40
242	GURDASPUR	BATALA	S-NPP	31.83120	75.13670	13:29:13	D	1.70
243	GURDASPUR	BATALA	S-NPP	31.84090	75.26810	13:29:13	D	2.60
244	GURDASPUR	BATALA	S-NPP	31.84900	75.25390	13:29:13	D	2.30
245	GURDASPUR	BATALA	S-NPP	31.85810	75.26870	13:29:13	D	2.60
246	GURDASPUR	BATALA	S-NPP	31.86550	75.12160	13:29:13	D	9.90
247	GURDASPUR	BATALA	S-NPP	31.89050	75.12890	13:29:13	D	8.30
248	GURDASPUR	BATALA	AQUA	31.75700	75.27700	13:18:58	D	17.50
249	GURDASPUR	BATALA	AQUA	31.76100	75.19700	13:18:58	D	12.30
250	GURDASPUR	BATALA	AQUA	31.76900	75.21000	13:18:58	D	16.70
251	GURDASPUR	DERA BABA NANAK	S-NPP	31.92580	75.09230	13:29:13	D	1.10
252	GURDASPUR	DERA BABA NANAK	S-NPP	31.93420	75.10310	13:29:13	D	5.50
253	GURDASPUR	DERA BABA NANAK	S-NPP	31.93890	75.06920	13:29:13	D	6.20
254	GURDASPUR	DERA BABA NANAK	S-NPP	31.94090	75.06050	13:29:13	D	4.70
255	GURDASPUR	DERA BABA NANAK	S-NPP	31.94610	75.00510	13:29:13	D	5.60
256	GURDASPUR	DERA BABA NANAK	S-NPP	31.94670	75.07600	13:29:13	D	5.40
257	GURDASPUR	DERA BABA NANAK	S-NPP	31.94840	75.04220	13:29:13	D	1.60
258	GURDASPUR	DERA BABA NANAK	S-NPP	31.95920	75.13590	13:29:13	D	3.20
259	GURDASPUR	DERA BABA NANAK	S-NPP	31.96260	75.00170	13:29:13	D	2.80
260	GURDASPUR	DERA BABA NANAK	S-NPP	31.97190	74.92880	13:29:13	D	9.30
261	GURDASPUR	DERA BABA NANAK	S-NPP	31.97720	75.11970	13:29:13	D	2.80

262	GURDASPUR	DERA BABA NANAK	S-NPP	31.97910	74.93140	13:29:13	D	3.60
263	GURDASPUR	DERA BABA NANAK	S-NPP	31.98490	75.01370	13:29:13	D	8.30
264	GURDASPUR	DERA BABA NANAK	S-NPP	32.00010	75.06890	13:29:13	D	2.80
265	GURDASPUR	DERA BABA NANAK	S-NPP	32.00100	74.98530	13:29:13	D	5.90
266	GURDASPUR	DERA BABA NANAK	S-NPP	32.00980	75.02100	13:29:13	D	2.50
267	GURDASPUR	DERA BABA NANAK	S-NPP	32.02180	75.07690	13:29:13	D	2.50
268	GURDASPUR	DERA BABA NANAK	S-NPP	32.02410	75.04720	13:29:13	D	3.80
269	GURDASPUR	DERA BABA NANAK	S-NPP	32.04830	74.92130	13:29:13	D	5.90
270	GURDASPUR	DHARIWAL	S-NPP	31.87320	75.30760	13:29:13	D	2.30
271	GURDASPUR	DHARIWAL	S-NPP	31.88060	75.24350	13:29:13	D	3.20
272	GURDASPUR	DHARIWAL	S-NPP	31.93580	75.40730	13:29:13	D	2.80
273	GURDASPUR	DHARIWAL	S-NPP	31.93700	75.36950	13:29:13	D	2.20
274	GURDASPUR	DHARIWAL	S-NPP	31.93910	75.36070	13:29:13	D	2.20
275	GURDASPUR	DHARIWAL	S-NPP	31.94990	75.38770	13:29:13	D	6.20
276	GURDASPUR	DHARIWAL	S-NPP	31.96240	75.28920	13:29:13	D	1.70
277	GURDASPUR	DHARIWAL	S-NPP	31.96940	75.27160	13:29:13	D	3.10
278	GURDASPUR	DINA NAGAR	S-NPP	32.14400	75.41980	13:29:13	D	1.80
279	GURDASPUR	DORANGALA	S-NPP	32.11270	75.39270	13:29:13	D	2.50
280	GURDASPUR	DORANGALA	S-NPP	32.12500	75.36090	13:29:13	D	3.70
281	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.81830	75.11860	13:29:13	D	2.60
282	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.81870	75.14350	13:29:13	D	1.50
283	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.84270	75.03880	13:29:13	D	2.50
284	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.84370	75.06780	13:29:13	D	2.10
285	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.89420	75.08640	13:29:13	D	1.90
286	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.94980	74.96260	13:29:13	D	2.50
287	GURDASPUR	FATEHGARH CHURIAN	AQUA	31.89500	75.06100	13:18:58	D	13.50
288	GURDASPUR	GURDASPUR	S-NPP	31.95870	75.42350	13:29:13	D	2.40
289	GURDASPUR	GURDASPUR	S-NPP	31.99250	75.42550	13:29:13	D	5.50
290	GURDASPUR	GURDASPUR	S-NPP	32.08290	75.36930	13:29:13	D	3.70
291	GURDASPUR	GURDASPUR	S-NPP	32.08470	75.38140	13:29:13	D	2.20
292	GURDASPUR	GURDASPUR	S-NPP	32.09400	75.35890	13:29:13	D	1.80
293	GURDASPUR	KAHNUWAN	S-NPP	31.81780	75.47710	13:29:13	D	3.60
294	GURDASPUR	KAHNUWAN	S-NPP	31.83420	75.33620	13:29:13	D	1.80

295	GURDASPUR	KAHNUWAN	S-NPP	31.83460	75.40700	13:29:13	D	1.40
296	GURDASPUR	KAHNUWAN	S-NPP	31.83970	75.41840	13:29:13	D	1.10
297	GURDASPUR	KAHNUWAN	S-NPP	31.84000	75.48930	13:29:13	D	2.60
298	GURDASPUR	KAHNUWAN	S-NPP	31.84070	75.49330	13:29:13	D	2.60
299	GURDASPUR	KAHNUWAN	S-NPP	31.88600	75.50080	13:29:13	D	4.00
300	GURDASPUR	KAHNUWAN	S-NPP	31.88750	75.42560	13:29:13	D	2.20
301	GURDASPUR	KAHNUWAN	S-NPP	31.89080	75.42490	13:29:13	D	2.90
302	GURDASPUR	KAHNUWAN	S-NPP	31.89440	75.49520	13:29:13	D	4.60
303	GURDASPUR	KAHNUWAN	S-NPP	31.91840	75.47350	13:29:13	D	4.10
304	GURDASPUR	KALANAUR	S-NPP	31.95720	75.19060	13:29:13	D	2.20
305	GURDASPUR	KALANAUR	S-NPP	31.96690	75.20940	13:29:13	D	1.40
306	GURDASPUR	KALANAUR	S-NPP	31.96750	75.21350	13:29:13	D	1.80
307	GURDASPUR	KALANAUR	S-NPP	31.97040	75.18780	13:29:13	D	2.70
308	GURDASPUR	KALANAUR	S-NPP	31.97370	75.18710	13:29:13	D	2.70
309	GURDASPUR	KALANAUR	S-NPP	31.98040	75.18580	13:29:13	D	1.70
310	GURDASPUR	KALANAUR	S-NPP	31.98290	75.13510	13:29:13	D	1.90
311	GURDASPUR	KALANAUR	S-NPP	31.98790	75.21340	13:29:13	D	1.80
312	GURDASPUR	KALANAUR	S-NPP	32.02470	75.27680	13:29:13	D	8.50
313	GURDASPUR	KALANAUR	S-NPP	32.02870	75.16740	13:29:13	D	1.50
314	GURDASPUR	KALANAUR	S-NPP	32.03960	75.19430	13:29:13	D	3.50
315	GURDASPUR	KALANAUR	S-NPP	32.04020	75.19840	13:29:13	D	5.90
316	GURDASPUR	KALANAUR	S-NPP	32.04500	75.11800	13:29:13	D	1.30
317	GURDASPUR	KALANAUR	S-NPP	32.04770	75.11330	13:29:13	D	2.00
318	GURDASPUR	KALANAUR	S-NPP	32.04830	75.11730	13:29:13	D	2.00
319	GURDASPUR	KALANAUR	S-NPP	32.04980	75.21730	13:29:13	D	7.20
320	GURDASPUR	KALANAUR	S-NPP	32.05200	75.14160	13:29:13	D	6.40
321	GURDASPUR	KALANAUR	S-NPP	32.05290	75.23750	13:29:13	D	3.90
322	GURDASPUR	KALANAUR	S-NPP	32.07150	75.20890	13:29:13	D	3.90
323	GURDASPUR	KALANAUR	AQUA	32.06200	75.21700	13:18:58	D	19.70
324	GURDASPUR	QADIAN	S-NPP	31.74630	75.38290	13:29:13	D	2.20
325	GURDASPUR	QADIAN	S-NPP	31.74640	75.31630	13:29:13	D	6.60
326	GURDASPUR	QADIAN	S-NPP	31.75180	75.30680	13:29:13	D	3.00
327	GURDASPUR	QADIAN	S-NPP	31.75760	75.32230	13:29:13	D	1.20

328	GURDASPUR	QADIAN	S-NPP	31.76050	75.32220	13:29:13	D	2.80
329	GURDASPUR	QADIAN	S-NPP	31.76710	75.27500	13:29:13	D	1.40
330	GURDASPUR	QADIAN	S-NPP	31.76890	75.28720	13:29:13	D	5.50
331	GURDASPUR	QADIAN	S-NPP	31.77080	75.34510	13:29:13	D	1.90
332	GURDASPUR	QADIAN	S-NPP	31.77520	75.30670	13:29:13	D	3.30
333	GURDASPUR	QADIAN	S-NPP	31.78220	75.50890	13:29:13	D	2.50
334	GURDASPUR	QADIAN	S-NPP	31.78240	75.48800	13:29:13	D	4.20
335	GURDASPUR	QADIAN	S-NPP	31.78490	75.37140	13:29:13	D	7.80
336	GURDASPUR	QADIAN	S-NPP	31.78820	75.37070	13:29:13	D	4.90
337	GURDASPUR	QADIAN	S-NPP	31.79640	75.44810	13:29:13	D	2.20
338	GURDASPUR	QADIAN	S-NPP	31.81830	75.34370	13:29:13	D	2.10
339	GURDASPUR	QADIAN	S-NPP	31.82170	75.52640	13:29:13	D	3.50
340	GURDASPUR	QADIAN	S-NPP	31.83360	75.37800	13:29:13	D	2.90
341	GURDASPUR	QADIAN	S-NPP	31.84080	75.33480	13:29:13	D	1.70
342	GURDASPUR	QADIAN	AQUA	31.75300	75.28500	13:18:58	D	14.80
343	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.61260	75.41760	13:29:13	D	7.40
344	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.64380	75.35300	13:29:13	D	12.70
345	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.64410	75.33210	13:29:13	D	4.00
346	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.64710	75.35230	13:29:13	D	12.70
347	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.65370	75.35100	13:29:13	D	4.10
348	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.65430	75.35500	13:29:13	D	4.10
349	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.65560	75.40880	13:29:13	D	3.70
350	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.65770	75.40010	13:29:13	D	3.00
351	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.65910	75.34670	13:29:13	D	4.00
352	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.66280	75.41150	13:29:13	D	3.10
353	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.66550	75.41200	13:29:13	D	4.70
354	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70510	75.35810	13:29:13	D	7.20
355	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70700	75.25780	13:29:13	D	3.40
356	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70760	75.26180	13:29:13	D	3.40
357	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.71790	75.33050	13:29:13	D	2.10
358	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.71890	75.35940	13:29:13	D	3.20
359	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72040	75.34660	13:29:13	D	2.00
360	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72220	75.35870	13:29:13	D	3.20

361	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72370	75.34590	13:29:13	D	8.50
362	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.73030	75.34460	13:29:13	D	6.00
363	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.73460	75.41860	13:29:13	D	1.70
364	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.74300	75.47520	13:29:13	D	3.10
365	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.74370	75.47920	13:29:13	D	3.10
366	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.75070	75.34450	13:29:13	D	4.80
367	GURDASPUR	SRI HARGOBINDPUR	AQUA	31.74100	75.35200	13:18:58	D	17.70
368	HOSHIARPUR	DASUYA	S-NPP	31.82800	75.59200	13:29:13	D	3.50
369	HOSHIARPUR	GARH SHANKAR	S-NPP	31.18820	76.11650	13:29:13	D	12.00
370	HOSHIARPUR	GARH SHANKAR	S-NPP	31.23760	76.08640	13:29:13	D	8.20
371	HOSHIARPUR	GARH SHANKAR	S-NPP	31.28270	75.99810	13:29:13	D	2.30
372	HOSHIARPUR	HAJIPUR	S-NPP	31.90140	75.67330	13:29:13	D	3.40
373	HOSHIARPUR	MUKERIAN	S-NPP	31.94310	75.54800	13:29:13	D	2.80
374	HOSHIARPUR	TANDA	S-NPP	31.63590	75.59600	13:29:13	D	15.60
375	HOSHIARPUR	TANDA	S-NPP	31.63650	75.60000	13:29:13	D	15.60
376	HOSHIARPUR	TANDA	S-NPP	31.63920	75.59530	13:29:13	D	7.70
377	HOSHIARPUR	TANDA	S-NPP	31.63980	75.59940	13:29:13	D	7.70
378	HOSHIARPUR	TANDA	S-NPP	31.65150	75.60950	13:29:13	D	13.80
379	HOSHIARPUR	TANDA	S-NPP	31.70280	75.61690	13:29:13	D	3.00
380	HOSHIARPUR	TANDA	S-NPP	31.70610	75.61620	13:29:13	D	3.00
381	HOSHIARPUR	TANDA	S-NPP	31.71390	75.57710	13:29:13	D	2.00
382	HOSHIARPUR	TANDA	S-NPP	31.73470	75.55620	13:29:13	D	1.50
383	HOSHIARPUR	TANDA	AQUA	31.62600	75.58300	13:18:58	D	12.60
384	HOSHIARPUR	TANDA	AQUA	31.63000	75.60200	13:18:58	D	22.20
385	HOSHIARPUR	TANDA	AQUA	31.63500	75.59400	13:18:58	D	29.00
386	JALANDHAR	ADAMPUR	S-NPP	31.38060	75.76700	13:29:13	D	2.20
387	JALANDHAR	BHOGPUR	AQUA	31.57900	75.59600	13:18:58	D	17.20
388	JALANDHAR	JALANDHAR EAST	S-NPP	31.21690	75.59990	13:29:13	D	6.80
389	JALANDHAR	JALANDHAR WEST	S-NPP	31.42640	75.52960	13:29:13	D	8.70
390	JALANDHAR	JALANDHAR WEST	S-NPP	31.42970	75.52890	13:29:13	D	8.70
391	JALANDHAR	JALANDHAR WEST	S-NPP	31.43060	75.55780	13:29:13	D	22.10
392	JALANDHAR	JALANDHAR WEST	S-NPP	31.43390	75.55710	13:29:13	D	22.10
393	JALANDHAR	JALANDHAR WEST	S-NPP	31.47600	75.59460	13:29:13	D	7.00

394	JALANDHAR	LOHIAN	S-NPP	31.08140	75.19700	13:29:13	D	2.50
395	JALANDHAR	LOHIAN	S-NPP	31.10300	75.18460	13:29:13	D	2.40
396	JALANDHAR	LOHIAN	S-NPP	31.10360	75.18860	13:29:13	D	4.50
397	JALANDHAR	LOHIAN	S-NPP	31.11030	75.23270	13:29:13	D	3.20
398	JALANDHAR	LOHIAN	S-NPP	31.13930	75.28880	13:29:13	D	5.50
399	JALANDHAR	LOHIAN	S-NPP	31.15140	75.21190	13:29:13	D	3.50
400	JALANDHAR	LOHIAN	AQUA	31.11200	75.26200	13:18:58	D	14.20
401	JALANDHAR	LOHIAN	AQUA	31.12900	75.28000	13:18:58	D	21.20
402	JALANDHAR	MEHATPUR	S-NPP	30.98090	75.49410	13:29:13	D	2.90
403	JALANDHAR	MEHATPUR	S-NPP	30.99880	75.38730	13:29:13	D	5.20
404	JALANDHAR	MEHATPUR	S-NPP	31.00120	75.40330	13:29:13	D	7.80
405	JALANDHAR	MEHATPUR	AQUA	31.05100	75.47800	13:18:58	D	13.70
406	JALANDHAR	MEHATPUR	AQUA	31.05500	75.49900	13:18:58	D	20.70
407	JALANDHAR	MEHATPUR	AQUA	31.06000	75.48300	13:18:58	D	26.90
408	JALANDHAR	NAKODAR	S-NPP	31.06520	75.49370	13:29:13	D	6.60
409	JALANDHAR	NAKODAR	S-NPP	31.06910	75.49700	13:29:13	D	10.50
410	JALANDHAR	NAKODAR	S-NPP	31.14590	75.44460	13:29:13	D	1.60
411	JALANDHAR	NAKODAR	S-NPP	31.17840	75.47930	13:29:13	D	39.20
412	JALANDHAR	NAKODAR	AQUA	31.15400	75.46600	13:18:58	D	13.90
413	JALANDHAR	NAKODAR	AQUA	31.15800	75.48600	13:18:58	D	21.80
414	JALANDHAR	NAKODAR	AQUA	31.16300	75.46900	13:18:58	D	33.80
415	JALANDHAR	NAKODAR	AQUA	31.17000	75.48300	13:18:58	D	15.80
416	JALANDHAR	NAKODAR	AQUA	31.17400	75.37500	13:18:58	D	21.30
417	JALANDHAR	NUR MAHAL	S-NPP	31.06370	75.68830	13:29:13	D	1.90
418	JALANDHAR	NUR MAHAL	S-NPP	31.11750	75.61540	13:29:13	D	7.10
419	JALANDHAR	PHILLAUR	S-NPP	31.13280	75.83190	13:29:13	D	9.50
420	JALANDHAR	RURKA KALAN	S-NPP	31.14580	75.71320	13:29:13	D	5.50
421	JALANDHAR	SHAHKOT	S-NPP	31.02490	75.40690	13:29:13	D	2.50
422	JALANDHAR	SHAHKOT	S-NPP	31.02830	75.34010	13:29:13	D	3.30
423	JALANDHAR	SHAHKOT	S-NPP	31.02980	75.32740	13:29:13	D	3.30
424	JALANDHAR	SHAHKOT	S-NPP	31.03310	75.32670	13:29:13	D	3.30
425	JALANDHAR	SHAHKOT	S-NPP	31.04920	75.29860	13:29:13	D	4.60
426	JALANDHAR	SHAHKOT	S-NPP	31.05460	75.28930	13:29:13	D	3.90

427	JALANDHAR	SHAHKOT	S-NPP	31.05730	75.28460	13:29:13	D	2.70
428	JALANDHAR	SHAHKOT	S-NPP	31.07350	75.25650	13:29:13	D	3.00
429	JALANDHAR	SHAHKOT	S-NPP	31.11430	75.41340	13:29:13	D	5.40
430	JALANDHAR	SHAHKOT	S-NPP	31.11900	75.33430	13:29:13	D	6.00
431	JALANDHAR	SHAHKOT	S-NPP	31.12530	75.35370	13:29:13	D	2.60
432	JALANDHAR	SHAHKOT	S-NPP	31.12770	75.32420	13:29:13	D	4.80
433	JALANDHAR	SHAHKOT	S-NPP	31.14460	75.39110	13:29:13	D	3.50
434	JALANDHAR	SHAHKOT	AQUA	31.05000	75.28500	13:18:58	D	61.30
435	KAPURTHALA	DHILWAN	S-NPP	31.36530	75.26010	13:29:13	D	3.60
436	KAPURTHALA	DHILWAN	S-NPP	31.36860	75.25940	13:29:13	D	3.60
437	KAPURTHALA	DHILWAN	S-NPP	31.37730	75.24930	13:29:13	D	45.00
438	KAPURTHALA	DHILWAN	S-NPP	31.41540	75.25390	13:29:13	D	1.90
439	KAPURTHALA	DHILWAN	S-NPP	31.42160	75.29410	13:29:13	D	3.70
440	KAPURTHALA	DHILWAN	S-NPP	31.42420	75.22750	13:29:13	D	19.80
441	KAPURTHALA	DHILWAN	S-NPP	31.43770	75.31600	13:29:13	D	3.00
442	KAPURTHALA	DHILWAN	S-NPP	31.45610	75.37030	13:29:13	D	3.30
443	KAPURTHALA	DHILWAN	S-NPP	31.45990	75.32800	13:29:13	D	20.20
444	KAPURTHALA	DHILWAN	S-NPP	31.47620	75.39100	13:29:13	D	2.20
445	KAPURTHALA	DHILWAN	S-NPP	31.50690	75.41380	13:29:13	D	1.70
446	KAPURTHALA	DHILWAN	AQUA	31.45600	75.32100	13:18:58	D	32.90
447	KAPURTHALA	KAPURTHALA	S-NPP	31.24950	75.32490	13:29:13	D	7.00
448	KAPURTHALA	KAPURTHALA	S-NPP	31.34660	75.33860	13:29:13	D	5.30
449	KAPURTHALA	KAPURTHALA	S-NPP	31.35380	75.34120	13:29:13	D	5.70
450	KAPURTHALA	KAPURTHALA	S-NPP	31.35590	75.33250	13:29:13	D	3.40
451	KAPURTHALA	KAPURTHALA	S-NPP	31.41560	75.29950	13:29:13	D	3.20
452	KAPURTHALA	KAPURTHALA	AQUA	31.35600	75.35600	13:18:58	D	13.60
453	KAPURTHALA	NADALA	S-NPP	31.46460	75.51790	13:29:13	D	2.40
454	KAPURTHALA	NADALA	S-NPP	31.47990	75.50650	13:29:13	D	2.50
455	KAPURTHALA	NADALA	S-NPP	31.48390	75.50990	13:29:13	D	2.50
456	KAPURTHALA	NADALA	S-NPP	31.51660	75.47830	13:29:13	D	2.20
457	KAPURTHALA	NADALA	S-NPP	31.51990	75.47770	13:29:13	D	4.30
458	KAPURTHALA	NADALA	S-NPP	31.55840	75.59870	13:29:13	D	3.40
459	KAPURTHALA	NADALA	S-NPP	31.56210	75.39890	13:29:13	D	7.90

460	KAPURTHALA	NADALA	S-NPP	31.56480	75.39420	13:29:13	D	7.90
461	KAPURTHALA	NADALA	S-NPP	31.56610	75.40220	13:29:13	D	1.60
462	KAPURTHALA	NADALA	S-NPP	31.57370	75.54150	13:29:13	D	2.50
463	KAPURTHALA	NADALA	S-NPP	31.57660	75.40420	13:29:13	D	5.40
464	KAPURTHALA	NADALA	S-NPP	31.58360	75.56500	13:29:13	D	5.70
465	KAPURTHALA	NADALA	S-NPP	31.58750	75.56830	13:29:13	D	7.70
466	KAPURTHALA	NADALA	S-NPP	31.58840	75.59730	13:29:13	D	5.90
467	KAPURTHALA	NADALA	S-NPP	31.59140	75.48010	13:29:13	D	2.20
468	KAPURTHALA	NADALA	S-NPP	31.59170	75.59660	13:29:13	D	8.00
469	KAPURTHALA	NADALA	S-NPP	31.59290	75.55890	13:29:13	D	3.20
470	KAPURTHALA	NADALA	S-NPP	31.59350	75.51720	13:29:13	D	2.40
471	KAPURTHALA	NADALA	S-NPP	31.59680	75.51650	13:29:13	D	2.40
472	KAPURTHALA	NADALA	S-NPP	31.61060	75.56360	13:29:13	D	3.60
473	KAPURTHALA	NADALA	S-NPP	31.61300	75.44250	13:29:13	D	1.00
474	KAPURTHALA	NADALA	S-NPP	31.62590	75.46060	13:29:13	D	2.00
475	KAPURTHALA	NADALA	AQUA	31.48000	75.50400	13:18:58	D	14.30
476	KAPURTHALA	NADALA	AQUA	31.57900	75.47200	13:18:58	D	13.90
477	KAPURTHALA	NADALA	AQUA	31.58300	75.55300	13:18:58	D	20.30
478	KAPURTHALA	PHAGWARA	S-NPP	31.18890	75.75470	13:29:13	D	4.30
479	KAPURTHALA	PHAGWARA	S-NPP	31.20810	75.74670	13:29:13	D	2.80
480	KAPURTHALA	PHAGWARA	S-NPP	31.31170	75.73930	13:29:13	D	3.00
481	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.16230	75.23850	13:29:13	D	11.50
482	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.16560	75.23780	13:29:13	D	5.70
483	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.16890	75.05930	13:29:13	D	4.10
484	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.17220	75.05860	13:29:13	D	42.70
485	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.17700	75.15690	13:29:13	D	7.70
486	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.17890	75.16890	13:29:13	D	3.20
487	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.18400	75.18030	13:29:13	D	10.70
488	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.18730	75.17960	13:29:13	D	10.70
489	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.20260	75.17320	13:29:13	D	5.30
490	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.21610	75.26150	13:29:13	D	5.40
491	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.21690	75.24470	13:29:13	D	4.20
492	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.22750	75.18050	13:29:13	D	1.90

493	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.23180	75.20850	13:29:13	D	9.90
494	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.23240	75.10080	13:29:13	D	3.90
495	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.25600	75.16630	13:29:13	D	3.80
496	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.25930	75.16560	13:29:13	D	3.80
497	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.26380	75.23920	13:29:13	D	8.80
498	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.26640	75.23450	13:29:13	D	5.30
499	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.27750	75.12870	13:29:13	D	24.60
500	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.32810	75.17250	13:29:13	D	9.00
501	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.32940	75.18050	13:29:13	D	2.80
502	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.33650	75.24950	13:29:13	D	2.50
503	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.34170	75.19450	13:29:13	D	14.10
504	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.34830	75.19320	13:29:13	D	1.70
505	KAPURTHALA	SULTANPUR LODHI	AQUA	31.16000	75.04900	13:18:58	D	85.90
506	KAPURTHALA	SULTANPUR LODHI	AQUA	31.16400	75.07000	13:18:58	D	53.00
507	KAPURTHALA	SULTANPUR LODHI	AQUA	31.16500	75.06300	13:18:58	D	105.60
508	KAPURTHALA	SULTANPUR LODHI	AQUA	31.18100	75.22100	13:18:58	D	26.60
509	LUDHIANA	JAGRAON	S-NPP	30.70020	75.49560	13:29:13	D	4.10
510	LUDHIANA	JAGRAON	S-NPP	30.70500	75.41760	13:29:13	D	4.10
511	LUDHIANA	JAGRAON	S-NPP	30.73440	75.43220	13:29:13	D	5.50
512	LUDHIANA	JAGRAON	S-NPP	30.76660	75.48740	13:29:13	D	4.40
513	LUDHIANA	JAGRAON	S-NPP	30.79130	75.56070	13:29:13	D	40.80
514	LUDHIANA	KHANNA	S-NPP	30.67370	76.15660	13:29:13	D	4.80
515	LUDHIANA	KHANNA	S-NPP	30.71460	76.28180	13:29:13	D	3.70
516	LUDHIANA	LUDHIANA-1	S-NPP	30.84140	76.03390	13:29:13	D	3.40
517	LUDHIANA	MACHHIWARA	S-NPP	30.83520	76.27210	13:29:13	D	2.30
518	LUDHIANA	MACHHIWARA	S-NPP	30.83660	76.23430	13:29:13	D	2.30
519	LUDHIANA	MACHHIWARA	S-NPP	30.86710	76.30340	13:29:13	D	7.00
520	LUDHIANA	MACHHIWARA	S-NPP	30.95200	76.19130	13:29:13	D	2.50
521	LUDHIANA	PAKHOWAL	S-NPP	30.69760	75.72660	13:29:13	D	15.50
522	LUDHIANA	RAIKOT	AQUA	30.65800	75.46700	13:18:58	D	14.70
523	LUDHIANA	SAMRALA	S-NPP	30.79570	76.22850	13:29:13	D	5.60
524	LUDHIANA	SAMRALA	S-NPP	30.82270	76.23290	13:29:13	D	4.30
525	LUDHIANA	SIDHWAN BET	S-NPP	30.83810	75.60510	13:29:13	D	2.20

526	LUDHIANA	SIDHWAN BET	S-NPP	30.84580	75.47580	13:29:13	D	2.40
527	LUDHIANA	SIDHWAN BET	S-NPP	30.85360	75.48240	13:29:13	D	2.00
528	LUDHIANA	SIDHWAN BET	S-NPP	30.85570	75.47370	13:29:13	D	2.80
529	LUDHIANA	SIDHWAN BET	S-NPP	30.85970	75.52240	13:29:13	D	2.80
530	LUDHIANA	SIDHWAN BET	S-NPP	30.86700	75.41370	13:29:13	D	11.90
531	LUDHIANA	SIDHWAN BET	S-NPP	30.87820	75.41970	13:29:13	D	28.20
532	LUDHIANA	SIDHWAN BET	S-NPP	30.88250	75.53840	13:29:13	D	7.90
533	LUDHIANA	SIDHWAN BET	S-NPP	30.89320	75.47430	13:29:13	D	1.20
534	LUDHIANA	SIDHWAN BET	S-NPP	30.92760	75.38940	13:29:13	D	5.30
535	LUDHIANA	SIDHWAN BET	AQUA	30.82900	75.51600	13:18:58	D	24.80
536	LUDHIANA	SIDHWAN BET	AQUA	30.86500	75.50600	13:18:58	D	16.90
537	LUDHIANA	SIDHWAN BET	AQUA	30.86800	75.49800	13:18:58	D	34.20
538	LUDHIANA	SIDHWAN BET	AQUA	30.89700	75.54000	13:18:58	D	16.50
539	MANSA	BUDHLADA	S-NPP	29.82410	75.63600	13:29:13	D	17.70
540	MANSA	BUDHLADA	S-NPP	29.90550	75.59220	13:29:13	D	2.40
541	MANSA	BUDHLADA	S-NPP	29.94680	75.51060	13:29:13	D	3.80
542	MANSA	BUDHLADA	S-NPP	29.95010	75.50990	13:29:13	D	3.80
543	MANSA	MANSA	S-NPP	29.94450	75.42940	13:29:13	D	8.10
544	MANSA	SARDULGARH	S-NPP	29.60890	75.25110	13:29:13	D	23.60
545	MANSA	SARDULGARH	S-NPP	29.68300	75.28910	13:29:13	D	3.00
546	MANSA	SARDULGARH	S-NPP	29.72730	75.20680	13:29:13	D	1.20
547	MANSA	SARDULGARH	S-NPP	29.81250	75.23140	13:29:13	D	17.10
548	MOGA	BAGHA PURANA	S-NPP	30.56070	75.09630	13:29:13	D	7.90
549	MOGA	BAGHA PURANA	S-NPP	30.63550	75.18380	13:29:13	D	3.70
550	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.91880	75.35410	13:29:13	D	4.20
551	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.92540	75.35280	13:29:13	D	11.60
552	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.93620	75.22260	13:29:13	D	8.20
553	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.94070	75.34140	13:29:13	D	2.80
554	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.03960	75.28000	13:29:13	D	5.30
555	MOGA	MOGA-1	S-NPP	30.85600	75.29640	13:29:13	D	10.40
556	MOGA	MOGA-1	AQUA	30.84900	75.29300	13:18:58	D	17.00
557	MOGA	MOGA-2	S-NPP	30.76610	75.08820	13:29:13	D	9.40
558	MOGA	MOGA-2	S-NPP	30.77290	75.06620	13:29:13	D	6.00

559	MOGA	NIHAL SINGH	S-NPP	30.56510	75.23530	13:29:13	D	5.70
560	MOGA	NIHAL SINGH	S-NPP	30.58890	75.34550	13:29:13	D	4.00
561	MOGA	NIHAL SINGH	S-NPP	30.59220	75.34490	13:29:13	D	2.90
562	MOGA	NIHAL SINGH	S-NPP	30.61000	75.39470	13:29:13	D	4.70
563	MOGA	NIHAL SINGH	AQUA	30.57900	75.34000	13:18:58	D	14.50
564	MOGA	NIHAL SINGH	AQUA	30.60500	75.39400	13:18:58	D	31.20
565	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.35900	74.77910	13:29:13	D	7.40
566	MUKTSAR	MUKTSAR	S-NPP	30.46160	74.44670	13:29:13	D	3.50
567	MUKTSAR	MUKTSAR	S-NPP	30.50060	74.71270	13:29:13	D	3.40
568	MUKTSAR	MUKTSAR	S-NPP	30.50900	74.63630	13:29:13	D	8.30
569	MUKTSAR	MUKTSAR	S-NPP	30.51680	74.55570	13:29:13	D	16.40
570	MUKTSAR	MUKTSAR	S-NPP	30.52010	74.55500	13:29:13	D	16.40
571	PATIALA	BHUNARHERI	S-NPP	30.12280	76.46390	13:29:13	D	1.90
572	PATIALA	BHUNARHERI	S-NPP	30.14200	76.59710	13:29:13	D	2.90
573	PATIALA	BHUNARHERI	S-NPP	30.14670	76.62950	13:29:13	D	4.00
574	PATIALA	BHUNARHERI	S-NPP	30.19460	76.48740	13:29:13	D	3.00
575	PATIALA	BHUNARHERI	S-NPP	30.20590	76.50230	13:29:13	D	2.20
576	PATIALA	BHUNARHERI	S-NPP	30.20650	76.50630	13:29:13	D	2.20
577	PATIALA	BHUNARHERI	S-NPP	30.20960	76.48080	13:29:13	D	2.90
578	PATIALA	BHUNARHERI	S-NPP	30.21870	76.59130	13:29:13	D	9.10
579	PATIALA	BHUNARHERI	S-NPP	30.23980	76.49990	13:29:13	D	3.50
580	PATIALA	BHUNARHERI	S-NPP	30.24050	76.52890	13:29:13	D	5.50
581	PATIALA	BHUNARHERI	S-NPP	30.24070	76.55380	13:29:13	D	4.70
582	PATIALA	BHUNARHERI	S-NPP	30.25560	76.53850	13:29:13	D	3.90
583	PATIALA	BHUNARHERI	S-NPP	30.25890	76.53780	13:29:13	D	3.90
584	PATIALA	BHUNARHERI	S-NPP	30.26830	76.53190	13:29:13	D	1.50
585	PATIALA	BHUNARHERI	AQUA	30.13700	76.61400	13:18:58	D	11.40
586	PATIALA	BHUNARHERI	AQUA	30.19700	76.49800	13:18:58	D	12.40
587	PATIALA	GHANAUR	S-NPP	30.29710	76.58880	13:29:13	D	3.50
588	PATIALA	GHANAUR	S-NPP	30.37080	76.61250	13:29:13	D	9.20
589	PATIALA	GHANAUR	S-NPP	30.38920	76.62150	13:29:13	D	2.10
590	PATIALA	NABHA	S-NPP	30.33330	76.09760	13:29:13	D	5.30
591	PATIALA	NABHA	S-NPP	30.33580	76.18370	13:29:13	D	2.40

592	PATIALA	NABHA	S-NPP	30.37930	76.08970	13:29:13	D	2.70
593	PATIALA	NABHA	S-NPP	30.38320	76.09300	13:29:13	D	2.70
594	PATIALA	NABHA	S-NPP	30.40380	76.23350	13:29:13	D	3.00
595	PATIALA	NABHA	S-NPP	30.41530	76.28920	13:29:13	D	1.70
596	PATIALA	NABHA	AQUA	30.37100	76.08700	13:18:58	D	22.00
597	PATIALA	NABHA	AQUA	30.45700	76.23400	13:18:58	D	12.90
598	PATIALA	PATIALA	S-NPP	30.27220	76.25360	13:29:13	D	26.40
599	PATIALA	PATIALA	S-NPP	30.37840	76.43000	02:19:55	N	0.30
600	PATIALA	PATIALA	S-NPP	30.40300	76.27500	13:29:13	D	4.30
601	PATIALA	PATIALA	S-NPP	30.40650	76.29920	13:29:13	D	5.30
602	PATIALA	PATIALA	S-NPP	30.40730	76.39860	13:29:13	D	4.00
603	PATIALA	PATIALA	S-NPP	30.40930	76.47590	13:29:13	D	16.70
604	PATIALA	PATIALA	AQUA	30.40200	76.37100	13:18:58	D	12.20
605	PATIALA	PATIALA	AQUA	30.40600	76.38900	13:18:58	D	17.90
606	PATIALA	PATIALA	AQUA	30.40700	76.37400	13:18:58	D	20.60
607	PATIALA	PATRAN	S-NPP	29.85500	76.09090	13:29:13	D	5.20
608	PATIALA	PATRAN	S-NPP	29.85580	76.23400	13:29:13	D	1.90
609	PATIALA	PATRAN	S-NPP	29.86180	76.15910	13:29:13	D	2.90
610	PATIALA	PATRAN	S-NPP	29.86460	76.10950	13:29:13	D	1.50
611	PATIALA	PATRAN	S-NPP	29.86760	76.12940	13:29:13	D	5.50
612	PATIALA	PATRAN	S-NPP	29.86860	76.18240	13:29:13	D	5.10
613	PATIALA	PATRAN	S-NPP	29.87190	76.18170	13:29:13	D	4.90
614	PATIALA	PATRAN	S-NPP	29.87310	76.18970	13:29:13	D	1.70
615	PATIALA	PATRAN	S-NPP	29.87770	76.15190	13:29:13	D	3.20
616	PATIALA	PATRAN	S-NPP	29.88940	76.16190	13:29:13	D	3.40
617	PATIALA	PATRAN	S-NPP	29.88970	76.07190	13:29:13	D	4.40
618	PATIALA	PATRAN	S-NPP	29.89270	76.16130	13:29:13	D	3.40
619	PATIALA	PATRAN	S-NPP	29.90060	76.16800	13:29:13	D	5.40
620	PATIALA	PATRAN	S-NPP	29.90070	76.12290	13:29:13	D	8.60
621	PATIALA	PATRAN	S-NPP	29.90850	76.12950	13:29:13	D	4.60
622	PATIALA	PATRAN	S-NPP	29.93590	76.08850	13:29:13	D	2.90
623	PATIALA	PATRAN	S-NPP	29.95000	76.18410	13:29:13	D	4.20
624	PATIALA	PATRAN	S-NPP	29.95870	76.10450	13:29:13	D	4.10

625	PATIALA	PATRAN	AQUA	29.85400	76.23900	13:18:58	D	11.50
626	PATIALA	PATRAN	AQUA	29.85600	76.05700	13:18:58	D	15.90
627	PATIALA	PATRAN	AQUA	29.86400	76.06900	13:18:58	D	22.20
628	PATIALA	PATRAN	AQUA	29.95900	76.10500	13:18:58	D	20.20
629	PATIALA	RAJPURA	S-NPP	30.51550	76.53180	13:29:13	D	3.10
630	PATIALA	RAJPURA	S-NPP	30.52050	76.51830	13:29:13	D	2.10
631	PATIALA	RAJPURA	S-NPP	30.52560	76.69740	13:29:13	D	1.80
632	PATIALA	RAJPURA	S-NPP	30.54020	76.57340	13:29:13	D	3.50
633	PATIALA	RAJPURA	S-NPP	30.54560	76.53890	13:29:13	D	2.80
634	PATIALA	RAJPURA	S-NPP	30.54940	76.51730	13:29:13	D	4.40
635	PATIALA	RAJPURA	S-NPP	30.55990	76.51940	13:29:13	D	6.10
636	PATIALA	SAMANA	S-NPP	29.99390	76.20430	13:29:13	D	2.60
637	PATIALA	SAMANA	S-NPP	30.08850	76.13670	13:29:13	D	2.20
638	PATIALA	SAMANA	S-NPP	30.09330	76.23860	13:29:13	D	2.90
639	PATIALA	SAMANA	S-NPP	30.13290	76.09110	13:29:13	D	4.70
640	PATIALA	SAMANA	S-NPP	30.13780	76.26290	13:29:13	D	2.50
641	PATIALA	SAMANA	S-NPP	30.15050	76.07570	13:29:13	D	5.50
642	PATIALA	SAMANA	S-NPP	30.16640	76.25360	13:29:13	D	4.30
643	PATIALA	SAMANA	S-NPP	30.16850	76.24490	13:29:13	D	3.90
644	PATIALA	SAMANA	S-NPP	30.16970	76.25300	13:29:13	D	4.30
645	PATIALA	SAMANA	S-NPP	30.17420	76.19030	13:29:13	D	1.80
646	PATIALA	SAMANA	S-NPP	30.17890	76.22230	13:29:13	D	1.70
647	PATIALA	SAMANA	S-NPP	30.18000	76.23030	13:29:13	D	11.80
648	PATIALA	SAMANA	S-NPP	30.18840	76.24110	13:29:13	D	2.80
649	PATIALA	SAMANA	S-NPP	30.19310	76.20310	13:29:13	D	7.80
650	PATIALA	SAMANA	S-NPP	30.19410	76.07130	13:29:13	D	10.30
651	PATIALA	SAMANA	S-NPP	30.19740	76.07060	13:29:13	D	10.30
652	PATIALA	SAMANA	S-NPP	30.21730	76.25190	13:29:13	D	1.80
653	PATIALA	SAMANA	S-NPP	30.23120	76.13800	13:29:13	D	2.80
654	PATIALA	SAMANA	AQUA	30.15900	76.23900	13:18:58	D	17.60
655	PATIALA	SAMANA	AQUA	30.19300	76.06600	13:18:58	D	24.80
656	PATIALA	SAMANA	AQUA	30.22800	76.11700	13:18:58	D	10.40
657	PATIALA	SANAUR	S-NPP	30.13790	76.33290	13:29:13	D	4.30

658	PATIALA	SANAUR	S-NPP	30.25740	76.48000	13:29:13	D	3.00
659	PATIALA	SANAUR	S-NPP	30.27600	76.37280	13:29:13	D	2.50
660	PATIALA	SANAUR	S-NPP	30.28420	76.42920	13:29:13	D	1.80
661	PATIALA	SANAUR	S-NPP	30.30110	76.52140	13:29:13	D	2.40
662	PATIALA	SANAUR	S-NPP	30.31050	76.51550	13:29:13	D	14.60
663	PATIALA	SANAUR	S-NPP	30.31230	76.51540	13:29:13	D	3.30
664	PATIALA	SANAUR	AQUA	30.12700	76.32600	13:18:58	D	16.30
665	PATIALA	SHAMBU KALAN	S-NPP	30.42770	76.62670	13:29:13	D	2.30
666	PATIALA	SHAMBU KALAN	S-NPP	30.44180	76.49590	13:29:13	D	6.20
667	PATIALA	SHAMBU KALAN	S-NPP	30.44300	76.50400	13:29:13	D	2.60
668	PATIALA	SHAMBU KALAN	S-NPP	30.45690	76.50550	13:29:13	D	3.20
669	PATIALA	SHAMBU KALAN	S-NPP	30.45750	76.50950	13:29:13	D	3.20
670	PATIALA	SHAMBU KALAN	S-NPP	30.46470	76.67960	13:29:13	D	4.00
671	PATIALA	SHAMBU KALAN	S-NPP	30.48200	76.68050	13:29:13	D	1.50
672	PATIALA	SHAMBU KALAN	S-NPP	30.50480	76.50460	13:29:13	D	10.60
673	PATIALA	SHAMBU KALAN	S-NPP	30.52470	76.64300	13:29:13	D	3.00
674	PATIALA	SHAMBU KALAN	AQUA	30.47900	76.52000	13:18:58	D	13.90
675	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.87150	76.45320	13:29:13	D	2.10
676	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.87960	76.48530	13:29:13	D	1.60
677	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.94790	76.37610	13:29:13	D	2.00
678	RUPNAGAR	MORINDA	S-NPP	30.79110	76.47990	13:29:13	D	4.60
679	RUPNAGAR	MORINDA	S-NPP	30.84070	76.49140	13:29:13	D	2.10
680	RUPNAGAR	MORINDA	S-NPP	30.86290	76.48850	13:29:13	D	6.10
681	RUPNAGAR	MORINDA	AQUA	30.85800	76.48900	13:18:58	D	13.20
682	RUPNAGAR	RUPNAGAR	S-NPP	30.86670	76.56340	13:29:13	D	4.60
683	RUPNAGAR	RUPNAGAR	S-NPP	30.89620	76.55360	13:29:13	D	10.30
684	RUPNAGAR	RUPNAGAR	S-NPP	31.13560	76.57220	13:29:13	D	8.70
685	SANGRUR	ANDANA	S-NPP	29.75060	76.00100	13:29:13	D	10.20
686	SANGRUR	ANDANA	S-NPP	29.75730	75.95480	13:29:13	D	2.20
687	SANGRUR	ANDANA	S-NPP	29.76350	76.01880	13:29:13	D	7.70
688	SANGRUR	ANDANA	S-NPP	29.76810	75.98120	13:29:13	D	20.70
689	SANGRUR	ANDANA	S-NPP	29.77060	75.90730	13:29:13	D	2.60
690	SANGRUR	ANDANA	S-NPP	29.77090	75.88680	13:29:13	D	1.50

691	SANGRUR	ANDANA	S-NPP	29.77140	75.98060	13:29:13	D	20.70
692	SANGRUR	ANDANA	S-NPP	29.77500	76.00440	13:29:13	D	10.20
693	SANGRUR	ANDANA	S-NPP	29.77560	76.00830	13:29:13	D	9.30
694	SANGRUR	ANDANA	S-NPP	29.78440	76.06770	13:29:13	D	1.90
695	SANGRUR	ANDANA	S-NPP	29.78770	76.06710	13:29:13	D	3.10
696	SANGRUR	ANDANA	S-NPP	29.80290	75.85620	13:29:13	D	11.70
697	SANGRUR	ANDANA	S-NPP	29.80430	75.93350	13:29:13	D	6.20
698	SANGRUR	ANDANA	S-NPP	29.81340	75.90310	13:29:13	D	20.50
699	SANGRUR	ANDANA	S-NPP	29.81430	75.88660	13:29:13	D	12.50
700	SANGRUR	ANDANA	S-NPP	29.82170	75.95860	13:29:13	D	2.40
701	SANGRUR	ANDANA	S-NPP	29.82940	76.01010	13:29:13	D	5.00
702	SANGRUR	ANDANA	S-NPP	29.83750	75.99630	13:29:13	D	5.50
703	SANGRUR	ANDANA	AQUA	29.77700	76.06300	13:18:58	D	16.50
704	SANGRUR	ANDANA	AQUA	29.78100	76.05700	13:18:58	D	13.00
705	SANGRUR	ANDANA	AQUA	29.84900	75.99100	13:18:58	D	48.70
706	SANGRUR	ANDANA	AQUA	29.85300	75.97600	13:18:58	D	52.60
707	SANGRUR	ANDANA	AQUA	29.85700	75.99600	13:18:58	D	23.40
708	SANGRUR	BHAWANIGARH	S-NPP	30.16630	75.99880	13:29:13	D	2.20
709	SANGRUR	BHAWANIGARH	S-NPP	30.28210	76.19000	13:29:13	D	4.20
710	SANGRUR	DHURI	S-NPP	30.34530	75.83730	13:29:13	D	1.30
711	SANGRUR	LEHRA GAGA	S-NPP	29.81830	75.84500	13:29:13	D	3.20
712	SANGRUR	LEHRA GAGA	S-NPP	29.89610	75.86750	13:29:13	D	6.40
713	SANGRUR	MALERKOTLA-1	S-NPP	30.47190	75.98520	13:29:13	D	4.20
714	SANGRUR	MALERKOTLA-1	S-NPP	30.52380	76.03680	13:29:13	D	3.50
715	SANGRUR	MALERKOTLA-1	S-NPP	30.53680	76.00950	13:29:13	D	6.20
716	SANGRUR	MALERKOTLA-1	S-NPP	30.54010	76.00880	13:29:13	D	6.20
717	SANGRUR	MALERKOTLA-2	S-NPP	30.53550	75.84080	13:29:13	D	34.00
718	SANGRUR	MALERKOTLA-2	AQUA	30.53100	75.83000	13:18:58	D	12.40
719	SANGRUR	MALERKOTLA-2	AQUA	30.59100	75.78600	13:18:58	D	17.10
720	SANGRUR	SANGRUR	S-NPP	30.19830	75.71810	13:29:13	D	2.30
721	SANGRUR	SANGRUR	S-NPP	30.25660	75.94820	13:29:13	D	15.40
722	SANGRUR	SANGRUR	S-NPP	30.26630	75.92170	13:29:13	D	4.20
723	SANGRUR	SANGRUR	S-NPP	30.29650	75.80500	13:29:13	D	11.20

724	SANGRUR	SANGRUR	S-NPP	30.29980	75.80440	13:29:13	D	11.20
725	SANGRUR	SUNAM	S-NPP	30.03780	75.72920	13:29:13	D	16.70
726	SANGRUR	SUNAM	S-NPP	30.04060	75.92900	13:29:13	D	4.20
727	SANGRUR	SUNAM	S-NPP	30.06810	75.81720	13:29:13	D	13.00
728	SANGRUR	SUNAM	S-NPP	30.12250	75.77400	13:29:13	D	5.20
729	SANGRUR	SUNAM	AQUA	30.14700	75.77000	13:18:58	D	13.70
730	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.42090	76.86740	13:29:13	D	8.90
731	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.45350	76.90360	13:29:13	D	2.50
732	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.45690	76.90290	13:29:13	D	3.60
733	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.52850	76.78940	13:29:13	D	1.80
734	SAS NAGAR (MOHALI)	DERABASSI	AQUA	30.41800	76.86600	13:18:58	D	20.70
735	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.64980	76.61950	13:29:13	D	2.70
736	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.70240	76.61420	13:29:13	D	5.00
737	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.71600	76.56540	13:29:13	D	2.10
738	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.72240	76.61040	13:29:13	D	4.40
739	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.72700	76.54650	13:29:13	D	4.50
740	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.74030	76.61530	13:29:13	D	2.60
741	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.75730	76.60400	13:29:13	D	2.20
742	SBS NAGAR	SAROYA	S-NPP	31.15780	76.26060	13:29:13	D	5.60
743	TARN TARAN	BHIKHIWIND	S-NPP	31.26700	74.64580	13:29:13	D	1.20
744	TARN TARAN	BHIKHIWIND	S-NPP	31.27700	74.62280	13:29:13	D	2.50
745	TARN TARAN	BHIKHIWIND	S-NPP	31.28850	74.67450	13:29:13	D	3.10
746	TARN TARAN	BHIKHIWIND	S-NPP	31.30630	74.67900	13:29:13	D	3.00
747	TARN TARAN	BHIKHIWIND	S-NPP	31.33370	74.59850	13:29:13	D	2.60
748	TARN TARAN	BHIKHIWIND	S-NPP	31.34550	74.60850	13:29:13	D	6.30
749	TARN TARAN	BHIKHIWIND	S-NPP	31.35300	74.76510	13:29:13	D	2.90
750	TARN TARAN	BHIKHIWIND	S-NPP	31.36340	74.78780	13:29:13	D	4.00
751	TARN TARAN	BHIKHIWIND	S-NPP	31.36570	74.73750	13:29:13	D	7.00
752	TARN TARAN	BHIKHIWIND	S-NPP	31.37090	74.66150	13:29:13	D	3.60
753	TARN TARAN	BHIKHIWIND	S-NPP	31.37400	74.59410	13:29:13	D	3.40
754	TARN TARAN	BHIKHIWIND	S-NPP	31.37960	74.73870	13:29:13	D	11.60
755	TARN TARAN	BHIKHIWIND	S-NPP	31.38130	74.68420	13:29:13	D	2.20
756	TARN TARAN	BHIKHIWIND	S-NPP	31.38780	74.70370	13:29:13	D	2.10

757	TARN TARAN	BHIKHIWIND	S-NPP	31.39260	74.66930	13:29:13	D	5.70
758	TARN TARAN	BHIKHIWIND	S-NPP	31.39310	74.69420	13:29:13	D	3.40
759	TARN TARAN	BHIKHIWIND	S-NPP	31.39560	74.71030	13:29:13	D	3.40
760	TARN TARAN	BHIKHIWIND	S-NPP	31.40880	74.62000	13:29:13	D	3.70
761	TARN TARAN	BHIKHIWIND	S-NPP	31.42110	74.65490	13:29:13	D	8.60
762	TARN TARAN	BHIKHIWIND	AQUA	31.36400	74.73700	13:18:58	D	17.10
763	TARN TARAN	BHIKHIWIND	AQUA	31.36500	74.74100	13:18:58	D	13.40
764	TARN TARAN	CHOHLA SAHIB	S-NPP	31.20290	74.95370	13:29:13	D	4.10
765	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23570	75.03380	13:29:13	D	1.70
766	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23610	74.99230	13:29:13	D	3.90
767	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23750	74.97960	13:29:13	D	3.60
768	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24330	75.06120	13:29:13	D	5.60
769	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24390	75.06520	13:29:13	D	5.60
770	TARN TARAN	CHOHLA SAHIB	S-NPP	31.25300	75.01360	13:29:13	D	4.70
771	TARN TARAN	CHOHLA SAHIB	S-NPP	31.25610	75.03370	13:29:13	D	13.30
772	TARN TARAN	CHOHLA SAHIB	S-NPP	31.25940	75.03300	13:29:13	D	13.30
773	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26290	75.01160	13:29:13	D	1.60
774	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26990	75.03500	13:29:13	D	5.20
775	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27990	74.92550	13:29:13	D	1.30
776	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28050	75.03690	13:29:13	D	4.60
777	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28060	74.99590	13:29:13	D	7.90
778	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28660	75.05680	13:29:13	D	18.80
779	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29190	75.04740	13:29:13	D	5.90
780	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29290	74.94350	13:29:13	D	3.80
781	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29520	74.98040	13:29:13	D	3.40
782	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29590	75.05070	13:29:13	D	8.70
783	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29670	75.03400	13:29:13	D	3.40
784	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29770	74.93010	13:29:13	D	29.20
785	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29850	75.04600	13:29:13	D	3.70
786	TARN TARAN	CHOHLA SAHIB	S-NPP	31.30590	74.96150	13:29:13	D	2.40
787	TARN TARAN	CHOHLA SAHIB	S-NPP	31.33420	75.03440	13:29:13	D	5.70
788	TARN TARAN	CHOHLA SAHIB	S-NPP	31.33630	75.09200	13:29:13	D	15.40
789	TARN TARAN	CHOHLA SAHIB	S-NPP	31.33850	75.12890	13:29:13	D	10.10

790	TARN TARAN	CHOHLA SAHIB	S-NPP	31.33870	75.10810	13:29:13	D	4.50
791	TARN TARAN	CHOHLA SAHIB	S-NPP	31.33930	75.11210	13:29:13	D	4.50
792	TARN TARAN	CHOHLA SAHIB	S-NPP	31.34740	75.03160	13:29:13	D	7.40
793	TARN TARAN	CHOHLA SAHIB	S-NPP	31.35920	75.04160	13:29:13	D	3.30
794	TARN TARAN	CHOHLA SAHIB	S-NPP	31.36040	75.04970	13:29:13	D	6.40
795	TARN TARAN	CHOHLA SAHIB	S-NPP	31.37810	75.05430	13:29:13	D	1.70
796	TARN TARAN	CHOHLA SAHIB	AQUA	31.25100	75.03800	13:18:58	D	18.40
797	TARN TARAN	CHOHLA SAHIB	AQUA	31.25200	75.03400	13:18:58	D	20.40
798	TARN TARAN	CHOHLA SAHIB	AQUA	31.28800	74.95500	13:18:58	D	18.60
799	TARN TARAN	CHOHLA SAHIB	AQUA	31.29300	75.04500	13:18:58	D	20.80
800	TARN TARAN	GANDIWIND TATLA	S-NPP	31.43420	74.67300	13:29:13	D	4.50
801	TARN TARAN	GANDIWIND TATLA	S-NPP	31.47600	74.68130	13:29:13	D	6.10
802	TARN TARAN	GANDIWIND TATLA	S-NPP	31.48600	74.74570	13:29:13	D	4.40
803	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49060	74.75310	13:29:13	D	1.90
804	TARN TARAN	GANDIWIND TATLA	S-NPP	31.51040	74.74890	13:29:13	D	1.50
805	TARN TARAN	GANDIWIND TATLA	S-NPP	31.54040	74.70090	13:29:13	D	3.20
806	TARN TARAN	KHADUR SAHIB	S-NPP	31.41260	75.15110	13:29:13	D	5.90
807	TARN TARAN	KHADUR SAHIB	S-NPP	31.42240	75.03700	13:29:13	D	12.60
808	TARN TARAN	KHADUR SAHIB	S-NPP	31.42480	75.11950	13:29:13	D	3.00
809	TARN TARAN	KHADUR SAHIB	S-NPP	31.43020	75.04370	13:29:13	D	2.70
810	TARN TARAN	KHADUR SAHIB	S-NPP	31.43720	75.06710	13:29:13	D	2.00
811	TARN TARAN	KHADUR SAHIB	S-NPP	31.44380	75.13220	13:29:13	D	5.70
812	TARN TARAN	KHADUR SAHIB	S-NPP	31.47420	75.17560	13:29:13	D	3.20
813	TARN TARAN	KHADUR SAHIB	S-NPP	31.48100	75.21990	13:29:13	D	3.10
814	TARN TARAN	KHADUR SAHIB	S-NPP	31.49060	75.23860	13:29:13	D	2.90
815	TARN TARAN	KHADUR SAHIB	S-NPP	31.49390	75.23800	13:29:13	D	2.90
816	TARN TARAN	KHADUR SAHIB	S-NPP	31.49500	75.02190	13:29:13	D	4.90
817	TARN TARAN	KHADUR SAHIB	S-NPP	31.49560	75.09230	13:29:13	D	3.60
818	TARN TARAN	KHADUR SAHIB	S-NPP	31.49940	75.16210	13:29:13	D	5.50
819	TARN TARAN	KHADUR SAHIB	S-NPP	31.50370	75.19030	13:29:13	D	14.30
820	TARN TARAN	KHADUR SAHIB	S-NPP	31.50640	75.18560	13:29:13	D	1.40
821	TARN TARAN	KHADUR SAHIB	AQUA	31.47400	75.20300	13:18:58	D	18.80
822	TARN TARAN	KHADUR SAHIB	AQUA	31.47800	75.22400	13:18:58	D	14.60

823	TARN TARAN	KHADUR SAHIB	AQUA	31.48400	75.20500	13:18:58	D	21.10
824	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.29620	74.94280	13:29:13	D	13.00
825	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.29810	74.95490	13:29:13	D	8.60
826	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.30680	74.94480	13:29:13	D	4.70
827	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.31210	74.93530	13:29:13	D	1.80
828	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.33500	75.01760	13:29:13	D	30.00
829	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.35260	74.97660	13:29:13	D	6.30
830	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.35850	74.83840	13:29:13	D	1.00
831	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.35900	74.99610	13:29:13	D	3.40
832	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.36490	74.92430	13:29:13	D	2.30
833	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.37350	74.91860	13:29:13	D	3.80
834	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.37530	74.86420	13:29:13	D	3.30
835	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.39080	75.03120	13:29:13	D	5.10
836	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.39370	74.93930	13:29:13	D	2.70
837	TARN TARAN	PATTI	S-NPP	31.15400	74.81470	13:29:13	D	5.00
838	TARN TARAN	PATTI	S-NPP	31.15930	74.80530	13:29:13	D	9.40
839	TARN TARAN	PATTI	S-NPP	31.16560	74.84540	13:29:13	D	3.90
840	TARN TARAN	PATTI	S-NPP	31.18400	74.76690	13:29:13	D	1.60
841	TARN TARAN	PATTI	S-NPP	31.19260	74.84390	13:29:13	D	3.00
842	TARN TARAN	PATTI	S-NPP	31.20080	74.89610	13:29:13	D	2.20
843	TARN TARAN	PATTI	S-NPP	31.20380	74.84980	13:29:13	D	4.10
844	TARN TARAN	PATTI	S-NPP	31.21500	74.92210	13:29:13	D	17.80
845	TARN TARAN	PATTI	S-NPP	31.23360	74.90990	13:29:13	D	5.20
846	TARN TARAN	PATTI	S-NPP	31.23730	74.78050	13:29:13	D	1.90
847	TARN TARAN	PATTI	S-NPP	31.27140	74.76130	13:29:13	D	2.40
848	TARN TARAN	PATTI	S-NPP	31.27190	74.78610	13:29:13	D	2.00
849	TARN TARAN	PATTI	S-NPP	31.28790	74.75780	13:29:13	D	2.20
850	TARN TARAN	PATTI	S-NPP	31.28860	74.76180	13:29:13	D	6.40
851	TARN TARAN	PATTI	S-NPP	31.29680	74.88050	13:29:13	D	5.60
852	TARN TARAN	PATTI	S-NPP	31.29860	74.82610	13:29:13	D	7.50
853	TARN TARAN	PATTI	S-NPP	31.29940	74.80930	13:29:13	D	1.70
854	TARN TARAN	PATTI	S-NPP	31.30190	74.82540	13:29:13	D	7.50
855	TARN TARAN	PATTI	S-NPP	31.33170	74.88560	13:29:13	D	1.80

856	TARN TARAN	PATTI	S-NPP	31.34260	74.84590	13:29:13	D	6.20
857	TARN TARAN	PATTI	S-NPP	31.34940	74.89020	13:29:13	D	5.10
858	TARN TARAN	PATTI	S-NPP	31.35010	74.89420	13:29:13	D	5.10
859	TARN TARAN	PATTI	S-NPP	31.35540	74.88470	13:29:13	D	3.10
860	TARN TARAN	PATTI	S-NPP	31.35600	74.88880	13:29:13	D	6.30
861	TARN TARAN	PATTI	AQUA	31.20800	74.89100	13:18:58	D	22.20
862	TARN TARAN	PATTI	AQUA	31.23500	74.76200	13:18:58	D	23.40
863	TARN TARAN	PATTI	AQUA	31.33300	74.84400	13:18:58	D	22.10
864	TARN TARAN	TARN TARAN	S-NPP	31.38200	74.84200	13:29:13	D	2.00
865	TARN TARAN	TARN TARAN	S-NPP	31.38960	74.80300	13:29:13	D	8.40
866	TARN TARAN	TARN TARAN	S-NPP	31.39600	74.82240	13:29:13	D	2.30
867	TARN TARAN	TARN TARAN	S-NPP	31.40420	74.87480	13:29:13	D	1.90
868	TARN TARAN	TARN TARAN	S-NPP	31.42670	74.99880	13:29:13	D	2.10
869	TARN TARAN	TARN TARAN	S-NPP	31.43010	74.84440	13:29:13	D	2.20
870	TARN TARAN	TARN TARAN	S-NPP	31.44450	75.00340	13:29:13	D	3.80
871	TARN TARAN	TARN TARAN	S-NPP	31.45080	74.95630	13:29:13	D	2.50
872	TARN TARAN	TARN TARAN	S-NPP	31.46330	74.81660	13:29:13	D	2.90
873	TARN TARAN	TARN TARAN	S-NPP	31.46780	74.80370	13:29:13	D	1.80
874	TARN TARAN	TARN TARAN	S-NPP	31.48580	74.85390	13:29:13	D	2.60
875	TARN TARAN	TARN TARAN	S-NPP	31.49270	74.96470	13:29:13	D	10.20
876	TARN TARAN	TARN TARAN	S-NPP	31.49300	74.85660	13:29:13	D	1.80
877	TARN TARAN	TARN TARAN	S-NPP	31.53100	74.88180	13:29:13	D	2.00
878	TARN TARAN	TARN TARAN	AQUA	31.39500	74.82100	13:18:58	D	18.40
879	TARN TARAN	VALTOHA	S-NPP	31.13160	74.71570	13:29:13	D	2.80
880	TARN TARAN	VALTOHA	S-NPP	31.14840	74.67050	13:29:13	D	3.50
881	TARN TARAN	VALTOHA	S-NPP	31.14970	74.67860	13:29:13	D	3.80
882	TARN TARAN	VALTOHA	S-NPP	31.16060	74.72620	13:29:13	D	7.20
883	TARN TARAN	VALTOHA	S-NPP	31.16070	74.70530	13:29:13	D	4.00
884	TARN TARAN	VALTOHA	S-NPP	31.17990	74.60970	13:29:13	D	2.20
885	TARN TARAN	VALTOHA	S-NPP	31.18930	74.58270	13:29:13	D	3.30
886	TARN TARAN	VALTOHA	S-NPP	31.20090	74.72180	13:29:13	D	2.40
887	TARN TARAN	VALTOHA	S-NPP	31.20570	74.68750	13:29:13	D	3.70
888	TARN TARAN	VALTOHA	S-NPP	31.20940	74.56220	13:29:13	D	2.40

889	TARN TARAN	VALTOHA	S-NPP	31.22050	74.58910	13:29:13	D	9.90
890	TARN TARAN	VALTOHA	S-NPP	31.22690	74.60850	13:29:13	D	25.90
891	TARN TARAN	VALTOHA	S-NPP	31.25240	74.55300	13:29:13	D	5.70
892	TARN TARAN	VALTOHA	S-NPP	31.25300	74.55710	13:29:13	D	5.70
893	TARN TARAN	VALTOHA	S-NPP	31.25950	74.57660	13:29:13	D	4.50
894	TARN TARAN	VALTOHA	S-NPP	31.27030	74.53670	13:29:13	D	3.10
895	TARN TARAN	VALTOHA	S-NPP	31.29270	74.54860	13:29:13	D	4.20
896	TARN TARAN	VALTOHA	S-NPP	31.29330	74.55260	13:29:13	D	2.60
897	TARN TARAN	VALTOHA	S-NPP	31.29460	74.56070	13:29:13	D	7.00
898	TARN TARAN	VALTOHA	S-NPP	31.29600	74.54790	13:29:13	D	3.10
899	TARN TARAN	VALTOHA	S-NPP	31.29790	74.56000	13:29:13	D	2.50
900	TARN TARAN	VALTOHA	S-NPP	31.30230	74.58820	13:29:13	D	2.20
901	TARN TARAN	VALTOHA	S-NPP	31.30300	74.59230	13:29:13	D	3.30
902	TARN TARAN	VALTOHA	AQUA	31.29400	74.59500	13:18:58	D	22.70

Details of residue burning events in Haryana on 23-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBALA	AMBALA-I	S-NPP	30.32910	76.78760	13:29:13	D	5.00
2	AMBALA	AMBALA-I	AQUA	30.32200	76.79100	13:18:58	D	12.10
3	AMBALA	AMBALA-II	S-NPP	30.09770	76.63430	13:29:13	D	9.10
4	AMBALA	AMBALA-II	S-NPP	30.11260	76.60690	13:29:13	D	2.50
5	AMBALA	AMBALA-II	S-NPP	30.13610	76.62730	13:29:13	D	2.30
6	AMBALA	AMBALA-II	S-NPP	30.15290	76.64910	13:29:13	D	2.60
7	AMBALA	AMBALA-II	S-NPP	30.16840	76.63780	13:29:13	D	5.40
8	AMBALA	AMBALA-II	S-NPP	30.16860	76.66280	13:29:13	D	2.70
9	AMBALA	AMBALA-II	S-NPP	30.23160	76.70560	13:29:13	D	2.00
10	AMBALA	AMBALA-II	S-NPP	30.25610	76.61330	13:29:13	D	1.90
11	AMBALA	AMBALA-II	S-NPP	30.26160	76.79620	13:29:13	D	8.10
12	AMBALA	AMBALA-II	S-NPP	30.26410	76.64510	13:29:13	D	3.50
13	AMBALA	AMBALA-II	S-NPP	30.29260	76.74840	13:29:13	D	2.20
14	AMBALA	AMBALA-II	S-NPP	30.30070	76.70920	13:29:13	D	2.00
15	AMBALA	AMBALA-II	AQUA	30.14000	76.63100	13:18:58	D	23.30
16	AMBALA	BARARA	S-NPP	30.17200	77.00180	13:29:13	D	2.30
17	AMBALA	BARARA	S-NPP	30.24660	77.11500	13:29:13	D	4.00
18	AMBALA	NARAINGARH	S-NPP	30.35300	77.05340	13:29:13	D	1.40
19	AMBALA	NARAINGARH	S-NPP	30.37820	77.13380	13:29:13	D	2.10
20	AMBALA	NARAINGARH	S-NPP	30.38450	77.15400	13:29:13	D	3.10
21	AMBALA	SAHA	S-NPP	30.31610	76.96280	13:29:13	D	5.10
22	AMBALA	SHAHZADPUR	S-NPP	30.39910	77.00700	13:29:13	D	1.60
23	AMBALA	SHAHZADPUR	S-NPP	30.45350	76.90360	13:29:13	D	2.50
24	FATEHABAD	BHUNA	S-NPP	29.46530	75.70290	13:29:13	D	1.90
25	FATEHABAD	BHUNA	S-NPP	29.46740	75.69440	13:29:13	D	3.50
26	FATEHABAD	BHUNA	S-NPP	29.51780	75.71280	13:29:13	D	2.00
27	FATEHABAD	BHUNA	S-NPP	29.56020	75.81830	13:29:13	D	2.00
28	FATEHABAD	FATEHABAD	S-NPP	29.54750	75.35710	13:29:13	D	3.60
29	FATEHABAD	FATEHABAD	S-NPP	29.56270	75.61050	13:29:13	D	2.00
30	FATEHABAD	JAKHAL	S-NPP	29.75690	75.72660	13:29:13	D	2.80

31	FATEHABAD	TOHANA	S-NPP	29.59590	75.89670	13:29:13	D	2.50
32	FATEHABAD	TOHANA	S-NPP	29.60330	75.92370	13:29:13	D	2.80
33	FATEHABAD	TOHANA	S-NPP	29.65260	75.93430	13:29:13	D	13.50
34	FATEHABAD	TOHANA	S-NPP	29.72200	75.85580	13:29:13	D	1.90
35	FATEHABAD	TOHANA	S-NPP	29.72280	75.92900	13:29:13	D	2.80
36	FATEHABAD	TOHANA	S-NPP	29.72340	75.93290	13:29:13	D	2.80
37	FATEHABAD	TOHANA	AQUA	29.63900	75.89900	13:18:58	D	55.80
38	FATEHABAD	TOHANA	AQUA	29.64200	75.89100	13:18:58	D	41.10
39	FATEHABAD	TOHANA	AQUA	29.64600	75.91100	13:18:58	D	22.70
40	HISAR	BARWALA	S-NPP	29.37060	76.03720	13:29:13	D	1.60
41	HISAR	BARWALA	S-NPP	29.38010	76.06050	13:29:13	D	4.30
42	HISAR	BARWALA	S-NPP	29.39180	75.86740	13:29:13	D	1.80
43	HISAR	NARNAUND	S-NPP	29.31680	76.13300	13:29:13	D	2.60
44	JIND	NARWANA	S-NPP	29.49740	76.00540	13:29:13	D	2.90
45	JIND	NARWANA	S-NPP	29.54900	76.03190	13:29:13	D	11.80
46	JIND	NARWANA	S-NPP	29.58540	76.02480	13:29:13	D	2.90
47	JIND	NARWANA	S-NPP	29.62680	76.17170	13:29:13	D	0.90
48	JIND	PILLUKHERA	S-NPP	29.37410	76.49670	13:29:13	D	1.40
49	JIND	SAFIDON	S-NPP	29.46110	76.64820	13:29:13	D	3.00
50	JIND	UCHANA	S-NPP	29.48440	76.05240	13:29:13	D	2.10
51	JIND	UCHANA	S-NPP	29.49210	76.17280	13:29:13	D	3.10
52	JIND	UCHANA	S-NPP	29.53780	76.25400	13:29:13	D	9.30
53	JIND	UCHANA	S-NPP	29.56590	76.12210	13:29:13	D	3.20
54	JIND	UCHANA	AQUA	29.55500	76.13300	13:18:58	D	13.20
55	KAITHAL	GUHLA	S-NPP	29.96330	76.32120	13:29:13	D	2.40
56	KAITHAL	GUHLA	S-NPP	29.96670	76.32050	13:29:13	D	8.40
57	KAITHAL	GUHLA	S-NPP	29.96840	76.26260	13:29:13	D	4.70
58	KAITHAL	GUHLA	S-NPP	29.96900	76.26660	13:29:13	D	11.80
59	KAITHAL	GUHLA	S-NPP	29.97170	76.26200	13:29:13	D	17.40
60	KAITHAL	GUHLA	S-NPP	29.99690	76.29410	13:29:13	D	3.80
61	KAITHAL	GUHLA	S-NPP	30.00020	76.29340	13:29:13	D	3.80
62	KAITHAL	GUHLA	S-NPP	30.01110	76.27490	13:29:13	D	2.60
63	KAITHAL	GUHLA	S-NPP	30.01190	76.37350	13:29:13	D	2.40

64	KAITHAL	GUHLA	S-NPP	30.01940	76.33090	13:29:13	D	2.80
65	KAITHAL	GUHLA	S-NPP	30.02290	76.28500	13:29:13	D	2.00
66	KAITHAL	GUHLA	S-NPP	30.02400	76.36290	13:29:13	D	6.50
67	KAITHAL	GUHLA	S-NPP	30.02990	76.33300	13:29:13	D	2.60
68	KAITHAL	GUHLA	S-NPP	30.03790	76.36440	13:29:13	D	10.10
69	KAITHAL	GUHLA	S-NPP	30.06740	76.37930	13:29:13	D	1.70
70	KAITHAL	GUHLA	S-NPP	30.08340	76.38060	13:29:13	D	5.20
71	KAITHAL	GUHLA	S-NPP	30.08630	76.40070	13:29:13	D	7.40
72	KAITHAL	GUHLA	S-NPP	30.08750	76.33850	13:29:13	D	3.00
73	KAITHAL	GUHLA	S-NPP	30.08860	76.27650	13:29:13	D	11.80
74	KAITHAL	GUHLA	S-NPP	30.09200	76.27590	13:29:13	D	11.80
75	KAITHAL	GUHLA	S-NPP	30.09760	76.36130	13:29:13	D	3.60
76	KAITHAL	GUHLA	S-NPP	30.10100	76.29060	13:29:13	D	3.10
77	KAITHAL	GUHLA	S-NPP	30.12810	76.35960	13:29:13	D	3.00
78	KAITHAL	GUHLA	AQUA	29.96400	76.32100	13:18:58	D	25.70
79	KAITHAL	KAITHAL	S-NPP	29.74800	76.43890	13:29:13	D	2.20
80	KAITHAL	KAITHAL	S-NPP	29.75250	76.51620	13:29:13	D	2.30
81	KAITHAL	KAITHAL	S-NPP	29.76320	76.36240	13:29:13	D	9.10
82	KAITHAL	KAITHAL	S-NPP	29.76380	76.36640	13:29:13	D	9.10
83	KAITHAL	KAITHAL	S-NPP	29.77220	76.23770	13:29:13	D	5.80
84	KAITHAL	KAITHAL	S-NPP	29.77280	76.24170	13:29:13	D	5.80
85	KAITHAL	KAITHAL	S-NPP	29.85210	76.52640	13:29:13	D	2.50
86	KAITHAL	KAITHAL	S-NPP	29.88560	76.43780	13:29:13	D	2.40
87	KAITHAL	KAITHAL	S-NPP	29.88890	76.43710	13:29:13	D	36.60
88	KAITHAL	KAITHAL	AQUA	29.75200	76.35700	13:18:58	D	13.10
89	KAITHAL	KALAYAT	S-NPP	29.71410	76.23230	13:29:13	D	1.70
90	KAITHAL	KALAYAT	S-NPP	29.71960	76.29260	13:29:13	D	2.60
91	KAITHAL	KALAYAT	AQUA	29.70600	76.31000	13:18:58	D	12.00
92	KAITHAL	PUNDRI	S-NPP	29.67750	76.62490	13:29:13	D	2.00
93	KAITHAL	PUNDRI	S-NPP	29.68800	76.49560	13:29:13	D	11.80
94	KAITHAL	PUNDRI	S-NPP	29.85810	76.59130	13:29:13	D	2.10
95	KAITHAL	PUNDRI	S-NPP	29.90110	76.59170	13:29:13	D	1.40
96	KAITHAL	PUNDRI	S-NPP	29.91260	76.57710	13:29:13	D	1.80

97	KAITHAL	SIWAN	S-NPP	29.87180	76.29660	13:29:13	D	13.50
98	KAITHAL	SIWAN	S-NPP	29.88800	76.31400	13:29:13	D	11.00
99	KAITHAL	SIWAN	S-NPP	29.89320	76.21040	13:29:13	D	3.90
100	KAITHAL	SIWAN	S-NPP	29.89650	76.20970	13:29:13	D	12.20
101	KAITHAL	SIWAN	S-NPP	29.91190	76.19850	13:29:13	D	3.50
102	KAITHAL	SIWAN	S-NPP	29.91780	76.30820	13:29:13	D	15.30
103	KAITHAL	SIWAN	S-NPP	29.93800	76.21400	13:29:13	D	4.70
104	KAITHAL	SIWAN	S-NPP	29.94060	76.25450	13:29:13	D	7.70
105	KAITHAL	SIWAN	S-NPP	29.94330	76.24980	13:29:13	D	4.00
106	KAITHAL	SIWAN	S-NPP	29.94930	76.42970	13:29:13	D	8.40
107	KAITHAL	SIWAN	S-NPP	29.95170	76.37570	13:29:13	D	5.50
108	KARNAL	ASSANDH	S-NPP	29.45990	76.48530	13:29:13	D	3.40
109	KARNAL	ASSANDH	S-NPP	29.46570	76.52510	13:29:13	D	4.90
110	KARNAL	ASSANDH	S-NPP	29.56450	76.68720	13:29:13	D	3.50
111	KARNAL	ASSANDH	S-NPP	29.61330	76.74860	13:29:13	D	4.00
112	KARNAL	ASSANDH	S-NPP	29.62090	76.63570	13:29:13	D	1.90
113	KARNAL	ASSANDH	AQUA	29.60500	76.74900	13:18:58	D	23.60
114	KARNAL	CHIRAO	S-NPP	29.66490	76.72640	13:29:13	D	1.70
115	KARNAL	CHIRAO	S-NPP	29.67450	76.74530	13:29:13	D	7.40
116	KARNAL	CHIRAO	S-NPP	29.67510	76.74940	13:29:13	D	17.60
117	KARNAL	CHIRAO	S-NPP	29.67780	76.74470	13:29:13	D	10.20
118	KARNAL	CHIRAO	S-NPP	29.67840	76.74870	13:29:13	D	12.90
119	KARNAL	CHIRAO	S-NPP	29.68110	76.74410	13:29:13	D	10.20
120	KARNAL	CHIRAO	S-NPP	29.68170	76.74810	13:29:13	D	12.90
121	KARNAL	CHIRAO	S-NPP	29.69170	76.74620	13:29:13	D	3.50
122	KARNAL	CHIRAO	S-NPP	29.69510	76.74560	13:29:13	D	3.50
123	KARNAL	CHIRAO	S-NPP	29.71090	76.70150	13:29:13	D	4.50
124	KARNAL	CHIRAO	AQUA	29.67300	76.74300	13:18:58	D	31.00
125	KARNAL	GHARAUNDA	S-NPP	29.47430	77.09720	13:29:13	D	3.80
126	KARNAL	GHARAUNDA	S-NPP	29.47490	77.10120	13:29:13	D	4.00
127	KARNAL	GHARAUNDA	S-NPP	29.47940	77.10870	13:29:13	D	5.00
128	KARNAL	GHARAUNDA	S-NPP	29.52230	77.07160	13:29:13	D	2.10
129	KARNAL	GHARAUNDA	S-NPP	29.54980	76.94250	13:29:13	D	6.10

130	KARNAL	GHARAUNDA	S-NPP	29.57340	77.08400	13:29:13	D	2.40
131	KARNAL	INDRI	S-NPP	29.91330	77.07290	13:29:13	D	1.50
132	KARNAL	INDRI	S-NPP	29.98400	77.12780	13:29:13	D	3.90
133	KARNAL	KARNAL	S-NPP	29.63530	77.04800	13:29:13	D	4.60
134	KARNAL	KARNAL	S-NPP	29.64110	76.96760	13:29:13	D	1.70
135	KARNAL	KARNAL	S-NPP	29.69640	77.06600	13:29:13	D	2.00
136	KARNAL	KARNAL	S-NPP	29.73110	77.06790	13:29:13	D	3.20
137	KARNAL	KARNAL	S-NPP	29.80180	77.00070	13:29:13	D	3.00
138	KARNAL	NILOKHERI	S-NPP	29.85630	76.96170	13:29:13	D	2.70
139	KURUKSHETRA	BABAIN	S-NPP	30.06680	76.99570	13:29:13	D	2.00
140	KURUKSHETRA	BABAIN	S-NPP	30.12030	77.05750	13:29:13	D	1.80
141	KURUKSHETRA	ISMAILABAD	S-NPP	30.06090	76.71210	13:29:13	D	2.40
142	KURUKSHETRA	ISMAILABAD	S-NPP	30.06430	76.71140	13:29:13	D	7.60
143	KURUKSHETRA	ISMAILABAD	S-NPP	30.09100	76.70640	13:29:13	D	1.70
144	KURUKSHETRA	ISMAILABAD	S-NPP	30.09560	76.73880	13:29:13	D	1.50
145	KURUKSHETRA	ISMAILABAD	S-NPP	30.09890	76.64240	13:29:13	D	1.90
146	KURUKSHETRA	ISMAILABAD	S-NPP	30.12360	76.68380	13:29:13	D	7.80
147	KURUKSHETRA	ISMAILABAD	S-NPP	30.16370	76.67620	13:29:13	D	1.60
148	KURUKSHETRA	PEHOWA	S-NPP	29.95650	76.50250	13:29:13	D	4.50
149	KURUKSHETRA	PEHOWA	S-NPP	29.95990	76.50190	13:29:13	D	5.70
150	KURUKSHETRA	PEHOWA	S-NPP	29.97860	76.56030	13:29:13	D	2.10
151	KURUKSHETRA	PEHOWA	S-NPP	29.98890	76.67860	13:29:13	D	4.00
152	KURUKSHETRA	PEHOWA	S-NPP	29.99230	76.67800	13:29:13	D	11.30
153	KURUKSHETRA	PEHOWA	S-NPP	29.99560	76.67740	13:29:13	D	11.30
154	KURUKSHETRA	PEHOWA	S-NPP	30.00790	76.51050	13:29:13	D	1.60
155	KURUKSHETRA	PEHOWA	S-NPP	30.06720	76.49500	13:29:13	D	3.00
156	KURUKSHETRA	PEHOWA	AQUA	29.98500	76.67700	13:18:58	D	26.60
157	KURUKSHETRA	PEHOWA	AQUA	29.98800	76.68300	13:18:58	D	12.20
158	KURUKSHETRA	SHAHBAD	S-NPP	30.08930	76.88640	13:29:13	D	7.60
159	KURUKSHETRA	SHAHBAD	S-NPP	30.11550	76.87730	13:29:13	D	2.00
160	KURUKSHETRA	SHAHBAD	S-NPP	30.12330	76.78790	13:29:13	D	2.50
161	KURUKSHETRA	SHAHBAD	S-NPP	30.12390	76.79200	13:29:13	D	3.00
162	KURUKSHETRA	SHAHBAD	S-NPP	30.12830	76.87070	13:29:13	D	2.70

163	KURUKSHETRA	SHAHBAD	S-NPP	30.13360	76.77790	13:29:13	D	13.60
164	KURUKSHETRA	SHAHBAD	S-NPP	30.13690	76.81040	13:29:13	D	1.20
165	KURUKSHETRA	SHAHBAD	S-NPP	30.13760	76.80640	13:29:13	D	3.20
166	KURUKSHETRA	SHAHBAD	S-NPP	30.13820	76.81050	13:29:13	D	3.20
167	KURUKSHETRA	SHAHBAD	S-NPP	30.17380	76.89190	13:29:13	D	4.00
168	KURUKSHETRA	SHAHBAD	S-NPP	30.18380	76.89000	13:29:13	D	5.40
169	KURUKSHETRA	THANESAR	S-NPP	29.87410	76.74990	13:29:13	D	2.90
170	KURUKSHETRA	THANESAR	S-NPP	29.89710	76.76630	13:29:13	D	3.80
171	KURUKSHETRA	THANESAR	S-NPP	29.93630	76.71770	13:29:13	D	8.40
172	KURUKSHETRA	THANESAR	S-NPP	29.93770	76.77570	13:29:13	D	4.10
173	KURUKSHETRA	THANESAR	S-NPP	29.94090	76.75010	13:29:13	D	3.30
174	KURUKSHETRA	THANESAR	S-NPP	30.03800	76.69560	13:29:13	D	2.80
175	KURUKSHETRA	THANESAR	S-NPP	30.04030	76.71180	13:29:13	D	2.70
176	KURUKSHETRA	THANESAR	S-NPP	30.04370	76.71120	13:29:13	D	3.50
177	KURUKSHETRA	THANESAR	S-NPP	30.06430	76.92890	13:29:13	D	1.60
178	PALWAL	HASSANPUR	S-NPP	27.94500	77.52200	13:29:13	D	13.40
179	PALWAL	HASSANPUR	S-NPP	27.94840	77.52140	13:29:13	D	13.40
180	PALWAL	HASSANPUR	AQUA	27.93900	77.52700	13:18:58	D	27.50
181	PALWAL	HATHIN	S-NPP	28.04430	77.31560	13:29:13	D	2.90
182	PALWAL	HODAL	S-NPP	28.02450	77.36840	13:29:13	D	3.60
183	PALWAL	PALWAL	S-NPP	28.09910	77.42490	13:29:13	D	4.20
184	PALWAL	PALWAL	S-NPP	28.10080	77.41230	13:29:13	D	3.80
185	PALWAL	PALWAL	S-NPP	28.12530	77.39140	13:29:13	D	1.80
186	PALWAL	PALWAL	S-NPP	28.13030	77.37820	13:29:13	D	2.30
187	PALWAL	PALWAL	S-NPP	28.13700	77.37690	13:29:13	D	2.90
188	PALWAL	PALWAL	AQUA	28.09300	77.41500	13:18:58	D	14.50
189	PANIPAT	BAPPAULI	S-NPP	29.31490	77.07620	13:29:13	D	2.30
190	PANIPAT	ISRANA	S-NPP	29.29390	76.85640	13:29:13	D	3.30
191	PANIPAT	ISRANA	S-NPP	29.29940	76.96700	13:29:13	D	3.20
192	SIRSA	ODHAN	S-NPP	29.84790	75.06460	13:29:13	D	3.20
193	SIRSA	ODHAN	S-NPP	29.85510	75.06720	13:29:13	D	4.70
194	SIRSA	SIRSA	S-NPP	29.58980	75.12850	13:29:13	D	4.80
195	SIRSA	SIRSA	S-NPP	29.64190	75.13420	13:29:13	D	12.80

196	SONIPAT	MUNDLANA	S-NPP	29.20360	76.64730	13:29:13	D	2.80
197	YAMUNANAGAR	BILASPUR	S-NPP	30.41020	77.33810	13:29:13	D	2.10
198	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.18460	77.34370	13:29:13	D	5.30
199	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.21230	77.34290	13:29:13	D	2.60
200	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.21240	77.34350	13:29:13	D	2.90
201	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.21610	77.41970	13:29:13	D	2.20
202	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.24180	77.32950	13:29:13	D	2.00
203	YAMUNANAGAR	JAGADHRI	S-NPP	30.07470	77.30660	13:29:13	D	4.50
204	YAMUNANAGAR	JAGADHRI	S-NPP	30.10320	77.30730	13:29:13	D	3.30
205	YAMUNANAGAR	JAGADHRI	S-NPP	30.11340	77.33110	13:29:13	D	1.50
206	YAMUNANAGAR	JAGADHRI	S-NPP	30.13600	77.31840	13:29:13	D	2.10
207	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.16760	77.19720	13:29:13	D	2.10
208	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.24910	77.18260	13:29:13	D	2.20
209	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.28470	77.18890	13:29:13	D	3.70
210	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.28860	77.19240	13:29:13	D	1.60
211	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.29040	77.20490	13:29:13	D	1.40
212	YAMUNANAGAR	RADAUR	S-NPP	29.97840	77.13730	13:29:13	D	2.20
213	YAMUNANAGAR	RADAUR	S-NPP	29.98690	77.17380	13:29:13	D	4.20
214	YAMUNANAGAR	RADAUR	S-NPP	30.00030	77.14590	13:29:13	D	3.50
215	YAMUNANAGAR	RADAUR	S-NPP	30.01420	77.24520	13:29:13	D	4.10
216	YAMUNANAGAR	RADAUR	S-NPP	30.11320	77.10530	13:29:13	D	4.70
217	YAMUNANAGAR	SADHAURA	S-NPP	30.33850	77.19670	13:29:13	D	2.20

Details of residue burning events in Uttar Pradesh on 23-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	ALIGARH	GABHANA	S-NPP	28.10720	77.78000	13:29:13	D	1.10
2	ALIGARH	KHAIR	S-NPP	27.96120	77.68450	13:29:13	D	2.80
3	ALIGARH	KHAIR	S-NPP	27.97250	77.54590	13:29:13	D	2.40
4	ALIGARH	KHAIR	S-NPP	27.97460	77.55020	13:29:13	D	3.60
5	ALIGARH	KHAIR	S-NPP	27.97930	77.71450	13:29:13	D	3.10
6	ALIGARH	KHAIR	S-NPP	27.98130	77.54900	13:29:13	D	1.60
7	ALIGARH	KHAIR	S-NPP	27.99440	77.87050	13:29:13	D	1.40
8	ALIGARH	KHAIR	S-NPP	28.03780	77.70470	13:29:13	D	1.80
9	ALLAHABAD	HADIYA	S-NPP	25.47860	82.18720	13:29:13	D	2.10
10	AURAIYA	AURAIYA	S-NPP	26.63270	79.43260	13:29:13	D	3.60
11	BARABANKI	FATEHPUR	AQUA	27.17300	81.25800	13:18:58	D	7.60
12	BARABANKI	FATEHPUR	AQUA	27.17500	81.26900	13:18:58	D	5.90
13	BARABANKI	FATEHPUR	AQUA	27.21400	81.23400	13:18:58	D	5.40
14	BARABANKI	FATEHPUR	AQUA	27.21500	81.24400	13:18:58	D	6.20
15	BARABANKI	H Aidargarh	S-NPP	26.80180	81.35440	13:29:13	D	3.00
16	BARABANKI	NAWABGANJ	S-NPP	26.97380	81.09890	13:29:13	D	5.50
17	BARABANKI	NAWABGANJ	S-NPP	26.97440	81.10420	13:29:13	D	12.10
18	BARABANKI	NAWABGANJ	S-NPP	26.97830	81.10370	13:29:13	D	3.90
19	BARABANKI	NAWABGANJ	AQUA	26.97000	81.10400	13:18:58	D	10.40
20	BULANDSAHAR	KHURJA	S-NPP	28.23710	77.70780	02:19:55	N	0.40
21	CHITRAKOOT	MAU	AQUA	25.33700	81.18700	13:18:58	D	14.30
22	ETAWAH	BHARTHNA	S-NPP	26.91790	79.33410	13:29:13	D	2.80
23	ETAWAH	BHARTHNA	S-NPP	26.92020	79.32600	13:29:13	D	2.40
24	FATEHPUR	BINKI	S-NPP	25.96250	80.60030	13:29:13	D	3.40
25	FATEHPUR	KHAGA	S-NPP	25.63230	81.14800	13:29:13	D	2.10
26	FATEHPUR	KHAGA	S-NPP	25.81900	81.11050	13:29:13	D	1.90
27	FATEHPUR	KHAGA	S-NPP	25.85380	81.11840	13:29:13	D	2.50
28	FATEHPUR	KHAGA	S-NPP	25.86010	81.10700	13:29:13	D	2.50
29	FATEHPUR	KHAGA	S-NPP	25.86150	81.10950	13:29:13	D	2.30

30	GAUTAMBUDHNAGAR	JEVAR	S-NPP	28.12420	77.60230	13:29:13	D	1.50
31	KAUSHAMBI	MANJHANPUR	S-NPP	25.46200	81.23340	13:29:13	D	3.40
32	KAUSHAMBI	SIRATHU	S-NPP	25.62410	81.33340	13:29:13	D	2.50
33	KHERI	GOLA	S-NPP	27.97060	80.30670	13:29:13	D	2.30
34	KHERI	GOLA	S-NPP	27.99420	80.34420	13:29:13	D	3.00
35	KHERI	GOLA	S-NPP	28.18050	80.42540	13:29:13	D	3.40
36	KHERI	GOLA	S-NPP	28.20190	80.31800	13:29:13	D	3.50
37	KHERI	GOLA	S-NPP	28.20510	80.31230	13:29:13	D	9.50
38	KHERI	GOLA	S-NPP	28.23630	80.31790	13:29:13	D	3.10
39	KHERI	GOLA	S-NPP	28.24800	80.31840	13:29:13	D	13.80
40	KHERI	GOLA	AQUA	28.15100	80.43100	13:18:58	D	6.00
41	KHERI	GOLA	AQUA	28.24100	80.32800	13:18:58	D	7.20
42	KHERI	MOHMADI	S-NPP	27.88890	80.27080	13:29:13	D	5.70
43	KHERI	MOHMADI	S-NPP	27.89860	80.05980	13:29:13	D	2.00
44	KHERI	MOHMADI	S-NPP	27.94350	80.11790	13:29:13	D	1.90
45	KHERI	MOHMADI	S-NPP	27.94590	80.16790	13:29:13	D	3.80
46	KHERI	MOHMADI	S-NPP	27.97930	80.25420	13:29:13	D	1.20
47	KHERI	MOHMADI	S-NPP	28.02310	80.29650	13:29:13	D	2.60
48	KHERI	MOHMADI	S-NPP	28.04500	80.28800	13:29:13	D	4.40
49	KHERI	NIGHASAN	S-NPP	28.28030	80.90090	13:29:13	D	3.90
50	LALITPUR	LALITPUR	S-NPP	24.60740	78.47940	13:29:13	D	1.80
51	LUCKNOW	MOHANLAL GANJ	S-NPP	26.65950	80.93330	13:29:13	D	2.80
52	MAINPURI	BHOGAON	S-NPP	27.09050	79.14710	13:29:13	D	2.60
53	MAINPURI	BHOGAON	S-NPP	27.11800	79.27280	13:29:13	D	1.80
54	MAINPURI	MAINPURI	S-NPP	27.26550	78.92470	13:29:13	D	3.20
55	MATHURA	CHHATA	S-NPP	27.80840	77.51340	13:29:13	D	2.10
56	MATHURA	CHHATA	S-NPP	27.82690	77.49780	13:29:13	D	2.90
57	MATHURA	MATHURA	S-NPP	27.45550	77.53020	13:29:13	D	2.50
58	MEERUT	MAWANA	S-NPP	28.91940	78.06870	13:29:13	D	3.70
59	PILHIBHIT	BISALPUR	S-NPP	28.11570	79.95600	13:29:13	D	3.10
60	PILHIBHIT	BISALPUR	S-NPP	28.17460	79.94670	13:29:13	D	4.30
61	PILHIBHIT	PILHIBHIT	S-NPP	28.84760	79.73560	13:29:13	D	2.80
62	PILHIBHIT	PILHIBHIT	S-NPP	28.85300	79.77970	13:29:13	D	2.70

63	PILHIBHIT	PURANPUR	S-NPP	28.35440	80.18070	13:29:13	D	29.10
64	PILHIBHIT	PURANPUR	S-NPP	28.36860	80.20410	13:29:13	D	3.20
65	PILHIBHIT	PURANPUR	S-NPP	28.37300	80.17780	13:29:13	D	1.80
66	PILHIBHIT	PURANPUR	S-NPP	28.38240	80.03880	13:29:13	D	4.50
67	PILHIBHIT	PURANPUR	S-NPP	28.39730	80.22030	13:29:13	D	3.90
68	PILHIBHIT	PURANPUR	S-NPP	28.40660	80.23440	13:29:13	D	3.00
69	PILHIBHIT	PURANPUR	S-NPP	28.52440	80.04400	13:29:13	D	2.80
70	PILHIBHIT	PURANPUR	S-NPP	28.52570	80.04210	13:29:13	D	3.10
71	PILHIBHIT	PURANPUR	AQUA	28.34000	80.13200	13:18:58	D	12.30
72	PILHIBHIT	PURANPUR	AQUA	28.40000	80.23400	13:18:58	D	6.60
73	RAMPUR	BILASPUR	S-NPP	28.76810	79.27680	13:29:13	D	2.70
74	RAMPUR	BILASPUR	S-NPP	28.79260	79.23950	13:29:13	D	2.20
75	RAMPUR	BILASPUR	S-NPP	28.86040	79.35990	13:29:13	D	1.40
76	RAMPUR	BILASPUR	S-NPP	28.86450	79.34220	13:29:13	D	3.20
77	RAMPUR	BILASPUR	S-NPP	28.86530	79.33990	13:29:13	D	2.90
78	RAMPUR	BILASPUR	S-NPP	28.87000	79.38450	13:29:13	D	5.80
79	RAMPUR	BILASPUR	S-NPP	28.87060	79.38230	13:29:13	D	6.90
80	RAMPUR	BILASPUR	S-NPP	28.89130	79.16900	13:29:13	D	4.50
81	RAMPUR	BILASPUR	S-NPP	28.94450	79.29820	13:29:13	D	1.70
82	RAMPUR	MILAK	S-NPP	28.68800	79.20350	13:29:13	D	2.40
83	RAMPUR	SUAR	S-NPP	28.95780	79.19260	13:29:13	D	5.00
84	SAMBHAL	SAMBHAL	S-NPP	28.64600	78.66340	13:29:13	D	3.00
85	SHAHJAHANPUR	PUWANYA	S-NPP	28.06810	80.22810	13:29:13	D	3.70
86	SHAHJAHANPUR	PUWANYA	S-NPP	28.08300	80.13430	13:29:13	D	3.70
87	SHAHJAHANPUR	PUWANYA	S-NPP	28.14990	80.11110	13:29:13	D	3.50
88	SHAHJAHANPUR	PUWANYA	S-NPP	28.18940	80.06460	13:29:13	D	3.70
89	SHAHJAHANPUR	PUWANYA	S-NPP	28.19310	80.06400	13:29:13	D	7.40
90	SHAHJAHANPUR	PUWANYA	S-NPP	28.19430	80.06080	13:29:13	D	5.80
91	SHAHJAHANPUR	PUWANYA	S-NPP	28.19680	80.06340	13:29:13	D	7.40
92	SHAHJAHANPUR	PUWANYA	S-NPP	28.21420	80.14160	13:29:13	D	2.60
93	SHAHJAHANPUR	PUWANYA	S-NPP	28.21470	79.99840	02:19:55	N	0.50
94	SHAHJAHANPUR	PUWANYA	S-NPP	28.21500	80.13850	13:29:13	D	4.90
95	SHAHJAHANPUR	PUWANYA	S-NPP	28.21730	80.18920	13:29:13	D	2.00

96	SHAHJAHANPUR	PUWANYA	S-NPP	28.22370	80.14740	13:29:13	D	3.60
97	SHAHJAHANPUR	PUWANYA	S-NPP	28.22740	80.14680	13:29:13	D	4.20
98	SHAHJAHANPUR	PUWANYA	S-NPP	28.33680	80.00550	13:29:13	D	3.80
99	SHAHJAHANPUR	PUWANYA	S-NPP	28.33900	80.11660	13:29:13	D	3.90
100	SHAHJAHANPUR	PUWANYA	S-NPP	28.34950	80.00320	02:19:55	N	2.40
101	SHAHJAHANPUR	PUWANYA	AQUA	28.18400	80.06800	13:18:58	D	8.80
102	SHAHJAHANPUR	PUWANYA	AQUA	28.18600	80.06100	13:18:58	D	16.00
103	SHAHJAHANPUR	PUWANYA	AQUA	28.18800	80.07300	13:18:58	D	6.80
104	SHAHJAHANPUR	PUWANYA	AQUA	28.23800	80.13500	13:18:58	D	9.20
105	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.78480	79.85880	13:29:13	D	3.00
106	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.84920	79.80970	13:29:13	D	4.80
107	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.84940	79.81160	13:29:13	D	6.30
108	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.94110	79.80190	13:29:13	D	2.90
109	SHARANPUR	NAKUR	S-NPP	29.84480	77.33040	13:29:13	D	1.80

Details of residue burning events in Rajasthan on 23-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BUNDI	KESHORAIPATAN	S-NPP	25.28170	75.99030	13:29:13	D	4.30
2	BUNDI	KESHORAIPATAN	S-NPP	25.28500	75.98970	13:29:13	D	7.80
3	BUNDI	KESHORAIPATAN	S-NPP	25.35290	76.00830	13:29:13	D	4.70
4	BUNDI	KESHORAIPATAN	S-NPP	25.37510	76.02390	13:29:13	D	2.50
5	BUNDI	KESHORAIPATAN	S-NPP	25.39320	76.00860	13:29:13	D	1.70
6	BUNDI	KESHORAIPATAN	S-NPP	25.40050	76.05460	13:29:13	D	2.50
7	BUNDI	KESHORAIPATAN	S-NPP	25.46830	76.07330	13:29:13	D	22.50
8	BUNDI	KESHORAIPATAN	AQUA	25.26200	75.99200	13:18:58	D	23.10
9	GANGANAGAR	RAISINGHNAGAR	S-NPP	29.36050	73.51160	13:29:13	D	3.40
10	GANGANAGAR	RAISINGHNAGAR	S-NPP	29.36610	73.52350	13:29:13	D	5.00
11	GANGANAGAR	SURATGARH	S-NPP	29.22340	73.63710	13:29:13	D	4.20
12	GANGANAGAR	SURATGARH	S-NPP	29.22680	73.63640	13:29:13	D	4.20
13	HANUMANGARH	TIBI	S-NPP	29.63000	74.48560	13:29:13	D	3.30
14	HANUMANGARH	TIBI	S-NPP	29.63330	74.48490	13:29:13	D	3.30
15	KOTA	DIGOD	S-NPP	25.11070	76.12960	13:29:13	D	2.60
16	KOTA	LADPURA	S-NPP	25.07570	76.03780	13:29:13	D	2.30
17	KOTA	LADPURA	S-NPP	25.17450	76.01890	13:29:13	D	3.90
18	KOTA	LADPURA	S-NPP	25.20850	75.90950	13:29:13	D	4.10
19	KOTA	LADPURA	S-NPP	25.22820	75.96910	13:29:13	D	2.30
20	KOTA	LADPURA	S-NPP	25.25920	75.93530	13:29:13	D	1.70

Details of residue burning events in Madhya Pradesh on 23-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.45660	77.51570	13:29:13	D	6.80
2	ASHOKNAGAR	CHANDERI	S-NPP	24.58080	77.90020	13:29:13	D	3.20
3	BETUL	BHAINSDEHI	S-NPP	21.60150	77.91460	13:29:13	D	4.40
4	BHIND	BHIND	S-NPP	26.59370	78.61360	13:29:13	D	2.10
5	BHIND	LAHAR	S-NPP	26.06110	78.94190	13:29:13	D	3.80
6	BHIND	LAHAR	S-NPP	26.12640	78.86320	13:29:13	D	3.10
7	CHHINDWARA	CHAURAI	S-NPP	22.14720	79.33060	13:29:13	D	2.80
8	CHHINDWARA	CHHINDWARA	S-NPP	21.97520	78.97920	13:29:13	D	2.80
9	CHHINDWARA	CHHINDWARA	S-NPP	22.09320	79.07360	13:29:13	D	2.60
10	DAMOH	DAMOH	S-NPP	23.74180	79.48400	13:29:13	D	3.80
11	DAMOH	HATTA	S-NPP	24.08250	79.63820	13:29:13	D	1.20
12	DAMOH	JABERA	S-NPP	23.54160	79.81410	13:29:13	D	4.50
13	DAMOH	JABERA	S-NPP	23.59620	79.81470	13:29:13	D	3.80
14	DATIA	SEONDHA	S-NPP	25.82720	78.40990	13:29:13	D	1.80
15	DATIA	SEONDHA	S-NPP	25.93090	78.50390	13:29:13	D	1.80
16	DATIA	SEONDHA	S-NPP	26.09980	78.71930	13:29:13	D	1.90
17	EAST NIMAR	PANDHANA	S-NPP	21.73350	76.35760	13:29:13	D	1.90
18	GUNA	GUNA	S-NPP	24.56320	77.12370	13:29:13	D	1.90
19	GUNA	GUNA	S-NPP	24.66820	77.10080	13:29:13	D	1.90
20	GUNA	GUNA	S-NPP	24.74590	77.30050	13:29:13	D	1.70
21	GWALIOR	BHITARWAR	S-NPP	25.74930	78.17820	13:29:13	D	5.30
22	HOSHANGABAD	BABAI	S-NPP	22.66640	78.07290	13:29:13	D	4.10
23	HOSHANGABAD	BANKHERI	S-NPP	22.86140	78.55040	13:29:13	D	2.60
24	HOSHANGABAD	HOSHANGABAD	S-NPP	22.59550	77.62200	13:29:13	D	2.00
25	HOSHANGABAD	HOSHANGABAD	S-NPP	22.62390	77.54060	13:29:13	D	1.50
26	HOSHANGABAD	ITARSI	S-NPP	22.55970	77.76590	13:29:13	D	4.00
27	HOSHANGABAD	ITARSI	S-NPP	22.56120	77.70840	13:29:13	D	1.70
28	HOSHANGABAD	ITARSI	S-NPP	22.60570	77.84590	13:29:13	D	8.20
29	HOSHANGABAD	ITARSI	S-NPP	22.62060	77.74370	13:29:13	D	4.50

30	HOSHANGABAD	SEONI MALWA	S-NPP	22.49310	77.35000	13:29:13	D	2.10
31	JABALPUR	JABALPUR	S-NPP	22.99960	79.92210	13:29:13	D	1.10
32	NARSHIMAPURA	KARELI	S-NPP	23.05800	79.09610	13:29:13	D	2.40
33	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.72320	79.36340	13:29:13	D	4.80
34	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.75280	79.42850	13:29:13	D	2.50
35	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.96620	79.21170	13:29:13	D	4.10
36	RAISEN	BARELI	S-NPP	23.13330	78.16620	13:29:13	D	5.40
37	RAISEN	RAISEN	S-NPP	23.21960	77.97310	13:29:13	D	2.00
38	RAISEN	RAISEN	S-NPP	23.49160	77.75590	13:29:13	D	13.30
39	RAISEN	RAISEN	S-NPP	23.49490	77.75530	13:29:13	D	13.30
40	SAGAR	BINA	S-NPP	24.26200	78.23480	13:29:13	D	3.00
41	SAGAR	DEVRI	S-NPP	23.49910	78.89150	13:29:13	D	2.30
42	SAGAR	DEVRI	S-NPP	23.56480	78.91270	13:29:13	D	3.50
43	SAGAR	KESALI	S-NPP	23.54230	78.85200	13:29:13	D	2.10
44	SAGAR	RAHAT GARH	S-NPP	23.89830	78.50980	13:29:13	D	2.50
45	SAGAR	REHLI	S-NPP	23.63170	79.14090	13:29:13	D	0.90
46	SATNA	NAGOD	S-NPP	24.60520	80.70700	13:29:13	D	7.10
47	SEHORE	NASRULLAHGANJ	S-NPP	22.71760	77.42420	13:29:13	D	0.90
48	SEHORE	NASRULLAHGANJ	S-NPP	22.74840	77.40350	13:29:13	D	3.50
49	SEHORE	NASRULLAHGANJ	S-NPP	22.77560	77.36030	13:29:13	D	3.10
50	SEHORE	NASRULLAHGANJ	S-NPP	22.77790	77.37520	13:29:13	D	2.90
51	SEHORE	NASRULLAHGANJ	S-NPP	22.81480	77.37250	13:29:13	D	3.30
52	SEHORE	SEHORE	S-NPP	23.15350	77.19700	13:29:13	D	2.40
53	SEONI	GHANSAUR	S-NPP	22.38120	79.86140	13:29:13	D	3.70
54	SEONI	GHANSAUR	S-NPP	22.47850	79.92510	13:29:13	D	2.60
55	SEONI	GHANSAUR	S-NPP	22.48020	79.92540	13:29:13	D	4.50
56	SEONI	GHANSAUR	S-NPP	22.57210	79.89820	13:29:13	D	2.80
57	SEONI	GHANSAUR	S-NPP	22.59620	79.96210	13:29:13	D	4.80
58	SEONI	KEWLARI	S-NPP	22.34570	79.77130	13:29:13	D	5.50
59	SEONI	KEWLARI	S-NPP	22.34770	79.77120	13:29:13	D	3.60
60	SEONI	LAKHNADOU	S-NPP	22.33880	79.42910	13:29:13	D	1.50
61	SEONI	LAKHNADOU	S-NPP	22.60620	79.57340	13:29:13	D	3.10
62	SEONI	LAKHNADOU	S-NPP	22.61130	79.78760	13:29:13	D	3.20
63	SEONI	LAKHNADOU	S-NPP	22.63060	79.67240	13:29:13	D	1.90

64	SEONI	LAKHNADOU	S-NPP	22.75460	79.71110	13:29:13	D	2.00
65	SEONI	SEONI	S-NPP	22.01000	79.41700	13:29:13	D	2.10
66	SHEOPUR	SHEOPUR	S-NPP	25.56990	76.55680	13:29:13	D	2.90
67	SHEOPUR	SHEOPUR	S-NPP	25.57040	76.56060	13:29:13	D	2.90
68	VIDESHA	BASODA	S-NPP	23.73390	78.09360	13:29:13	D	2.40
69	VIDESHA	BASODA	S-NPP	24.00350	77.92260	13:29:13	D	3.20
70	VIDESHA	VIDESHA	S-NPP	23.53650	77.60150	13:29:13	D	1.80

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)

and on IARI CREAMS website (<http://creams.iari.res.in/cms2/index.php>)
