

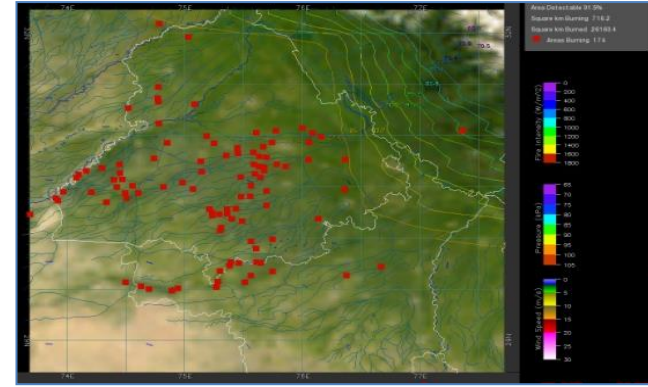
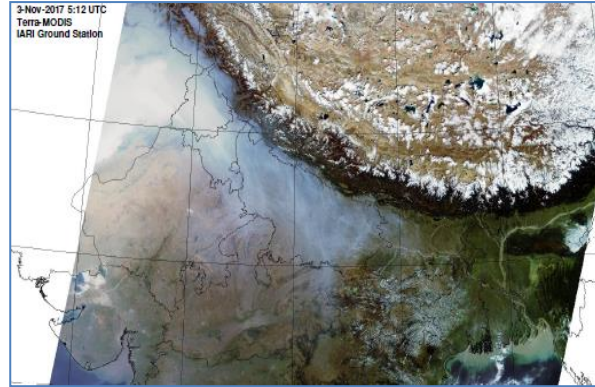


MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2022

**Bulletin
No. 40**

**Events Date:
24-Oct-2022**

**Issued on:
24-Oct-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**

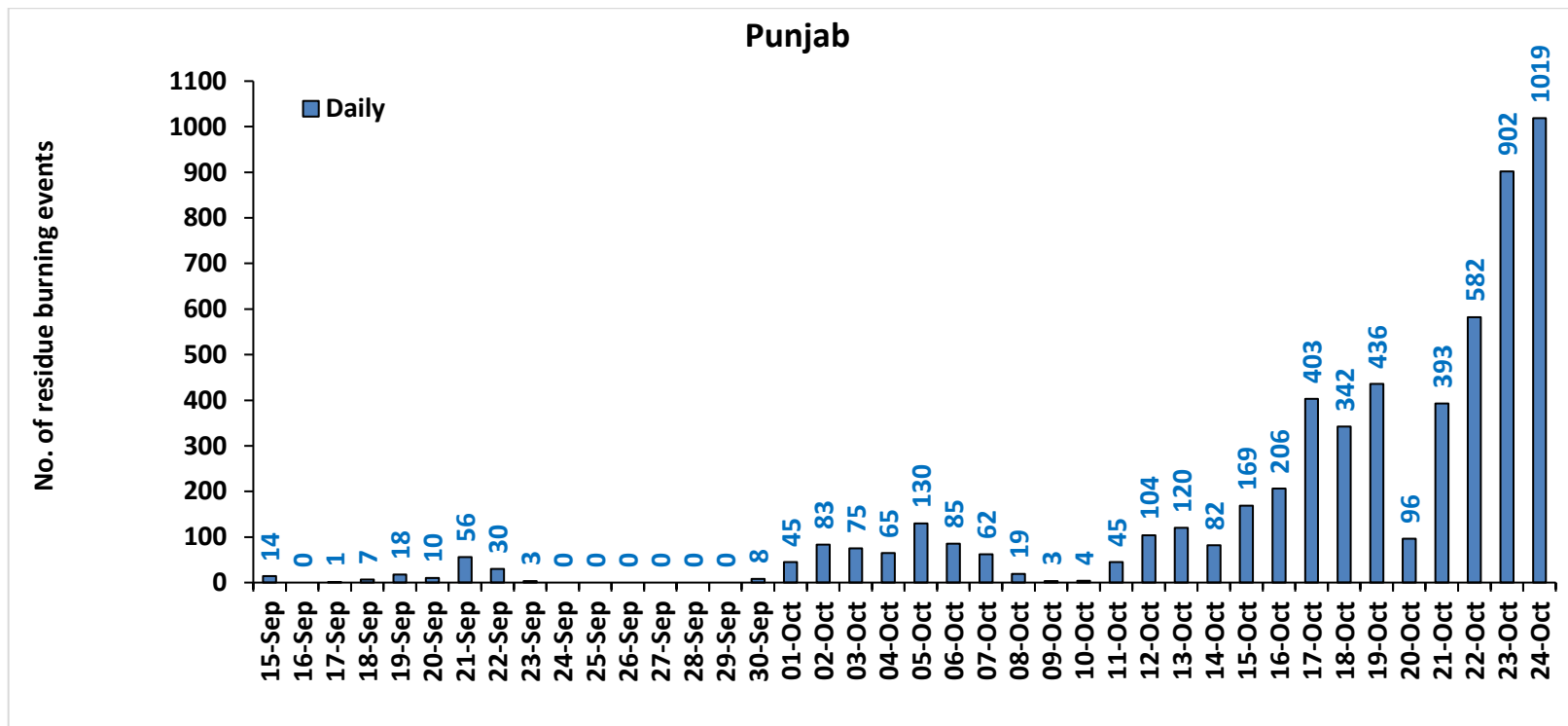
<http://creams.iari.res.in>



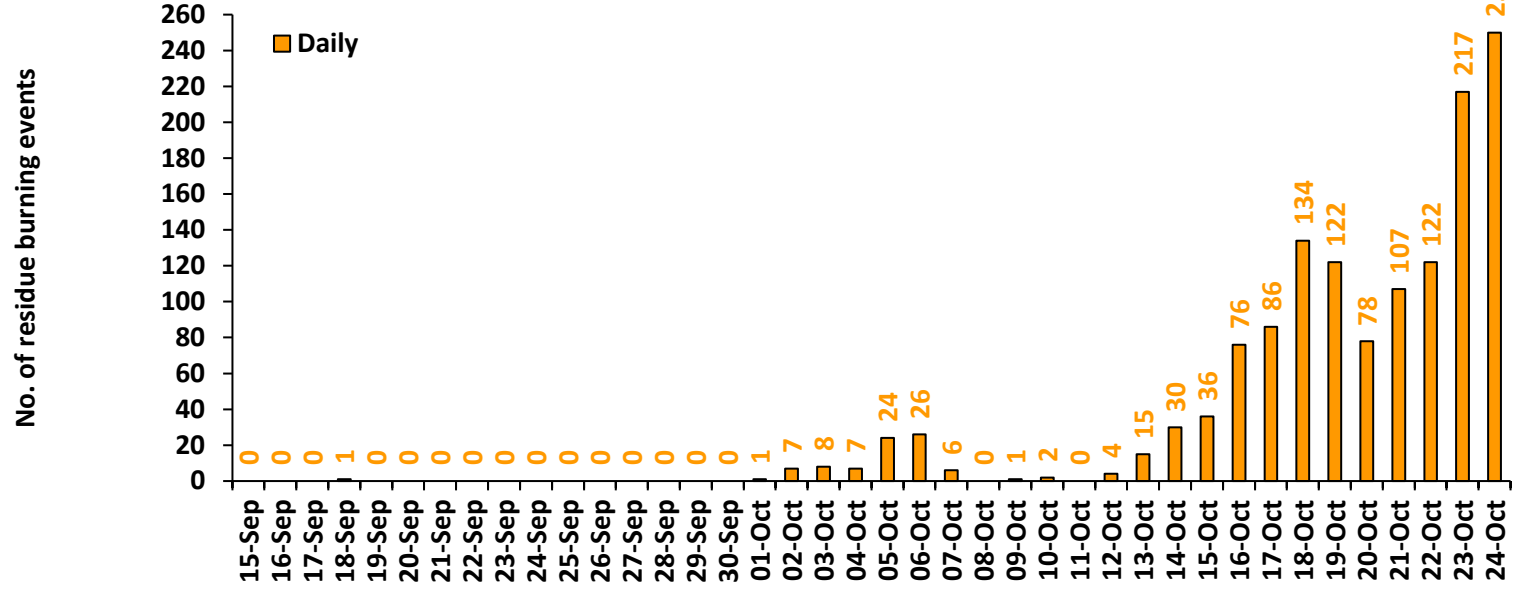
Highlights for 24-Oct-2022

- 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 **1519** residue burning events in the six study States on 24-Oct-2022.
- The state wise events detected on 24-Oct-2022 were **1019** in Punjab, **250** in Haryana, **215** in UP, **2** in Delhi, **7** in Rajasthan and **26** in MP.
- Total **7842** burning events were detected in the six states between 15-Sept-2022 and 24-Oct-2022, which are distributed as **5617**, **1360**, **552**, **5**, **98** and **210** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

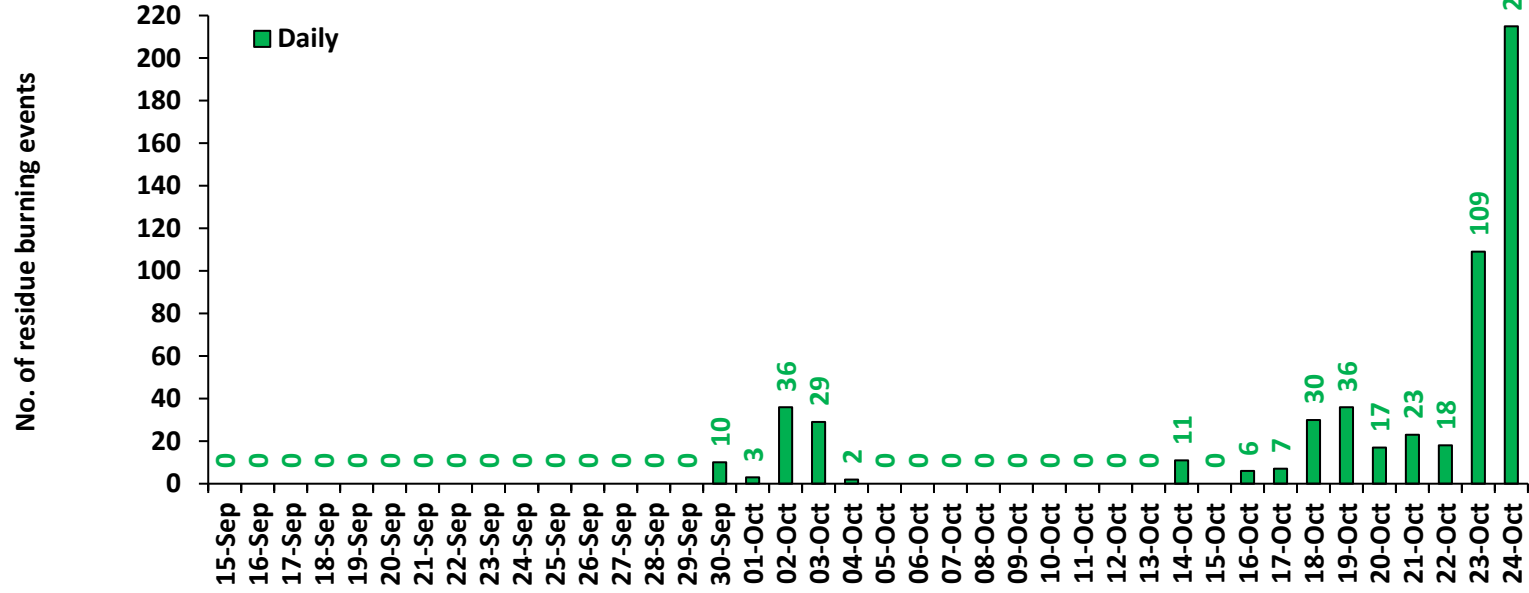
Temporal distribution of rice residue burning events for the study States in 2022



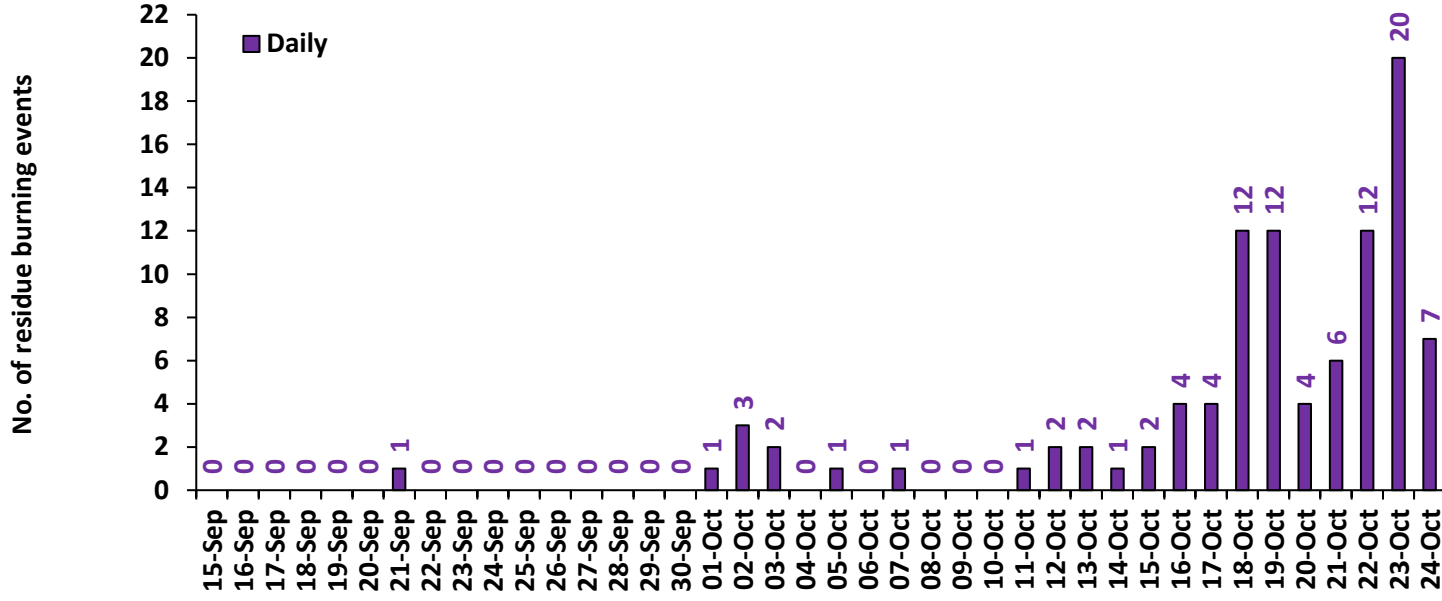
Haryana



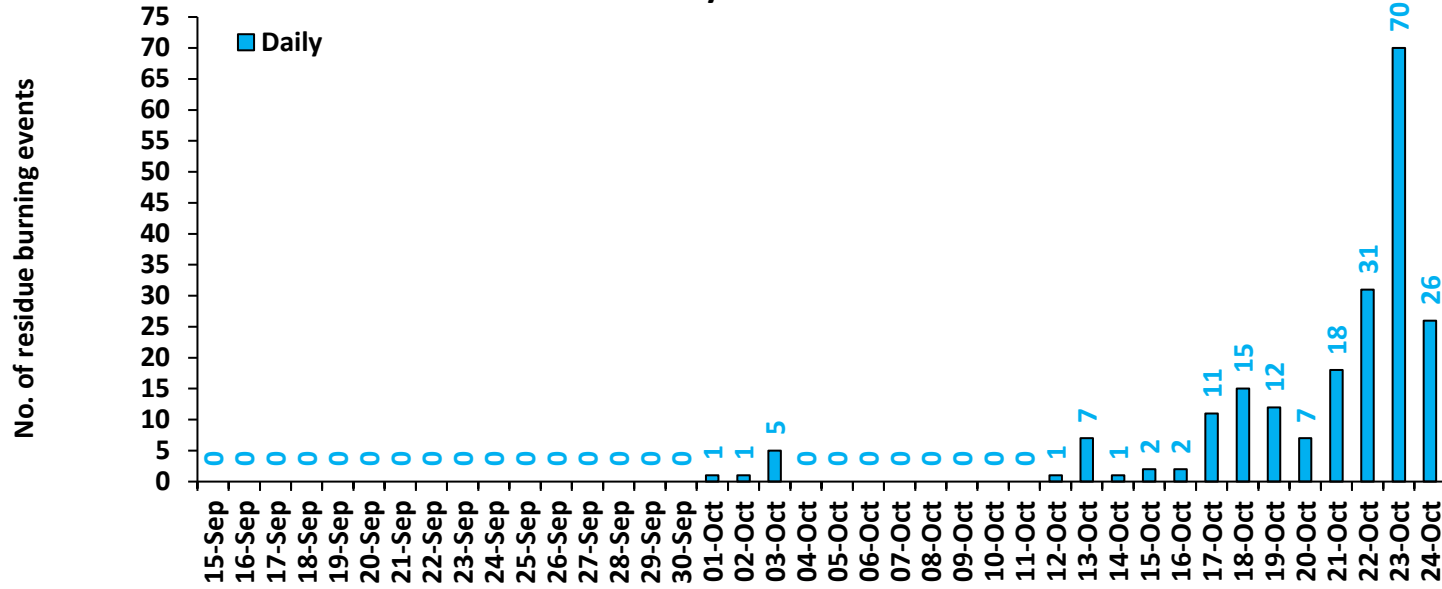
Uttar Pradesh

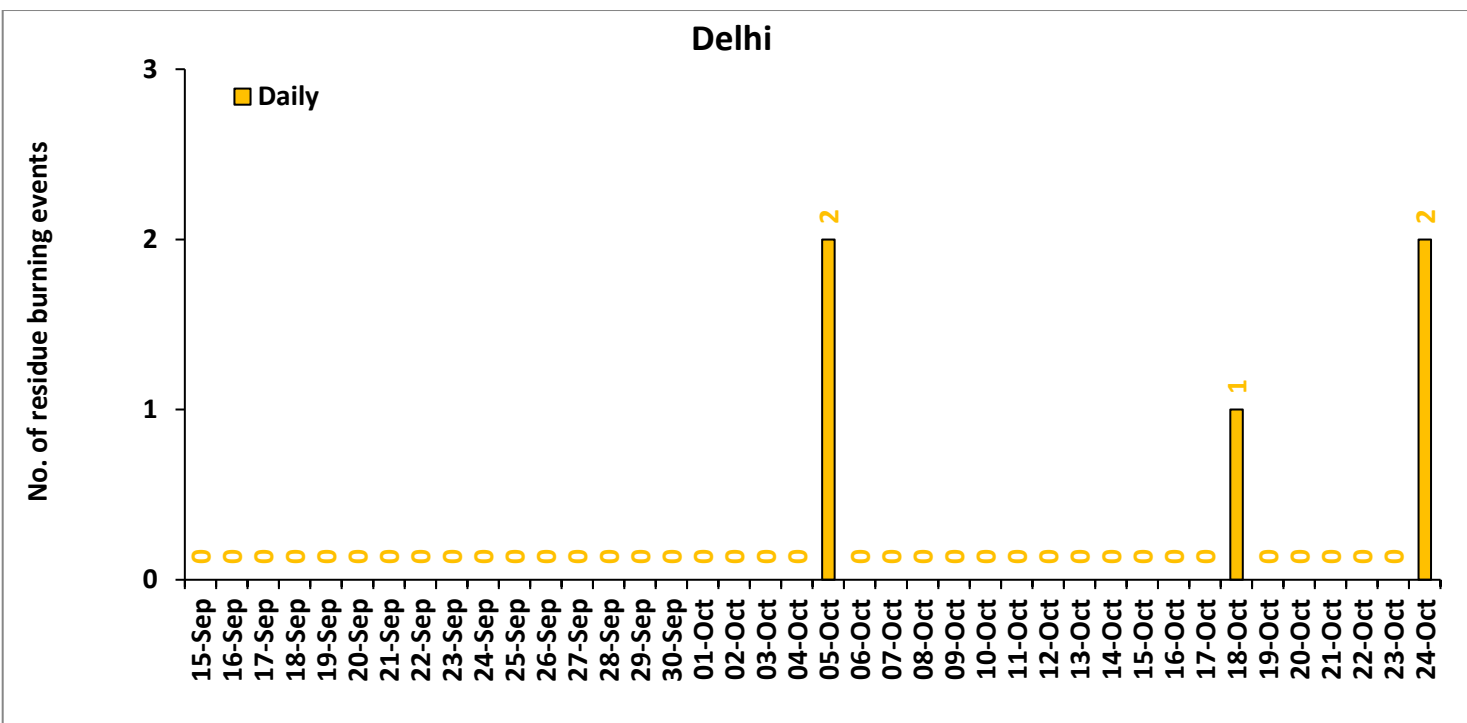


Rajasthan

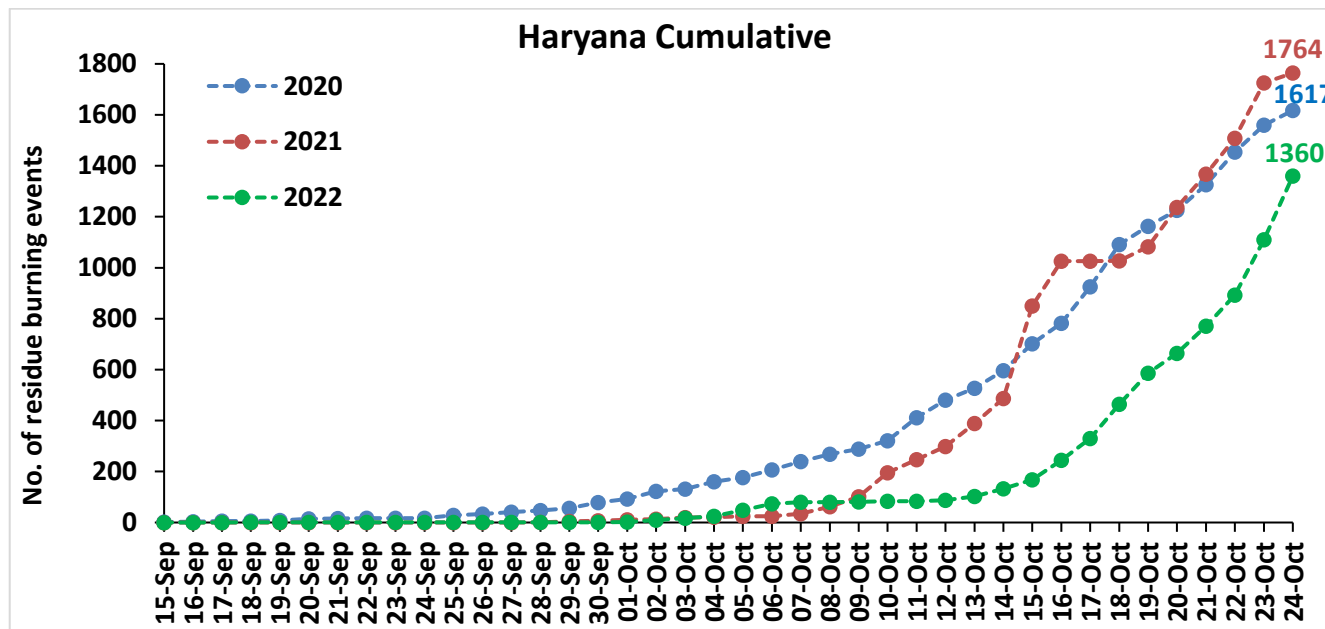
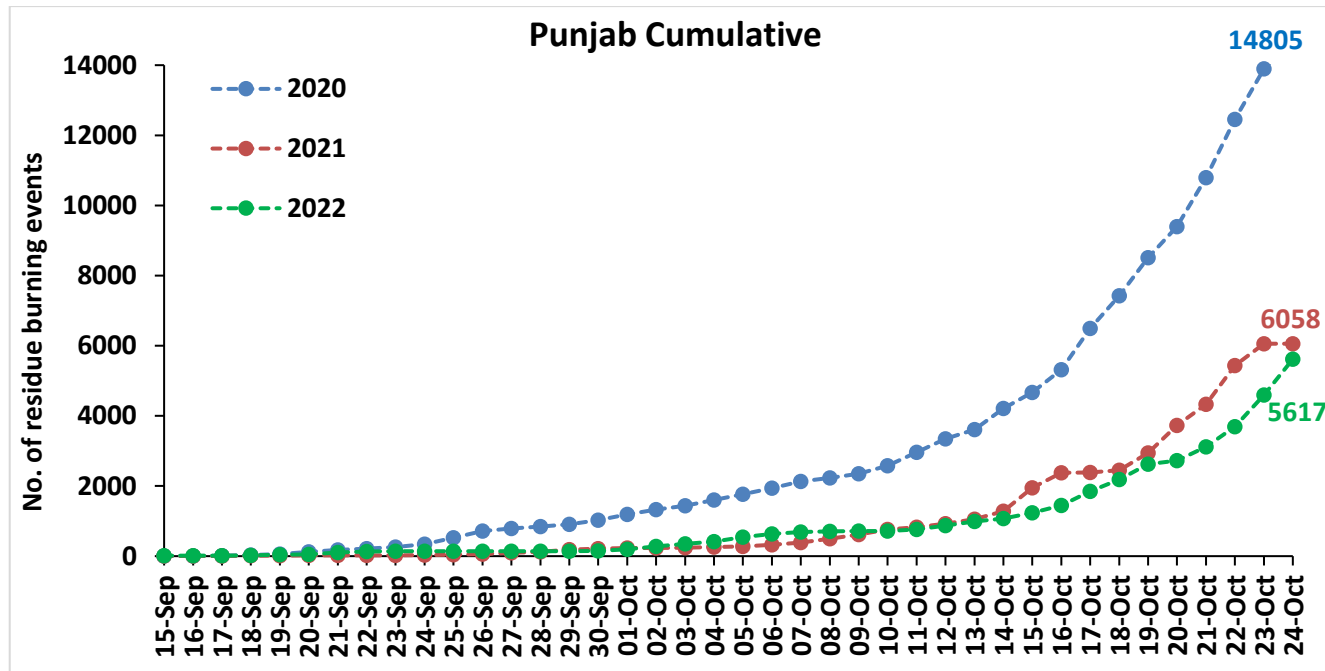


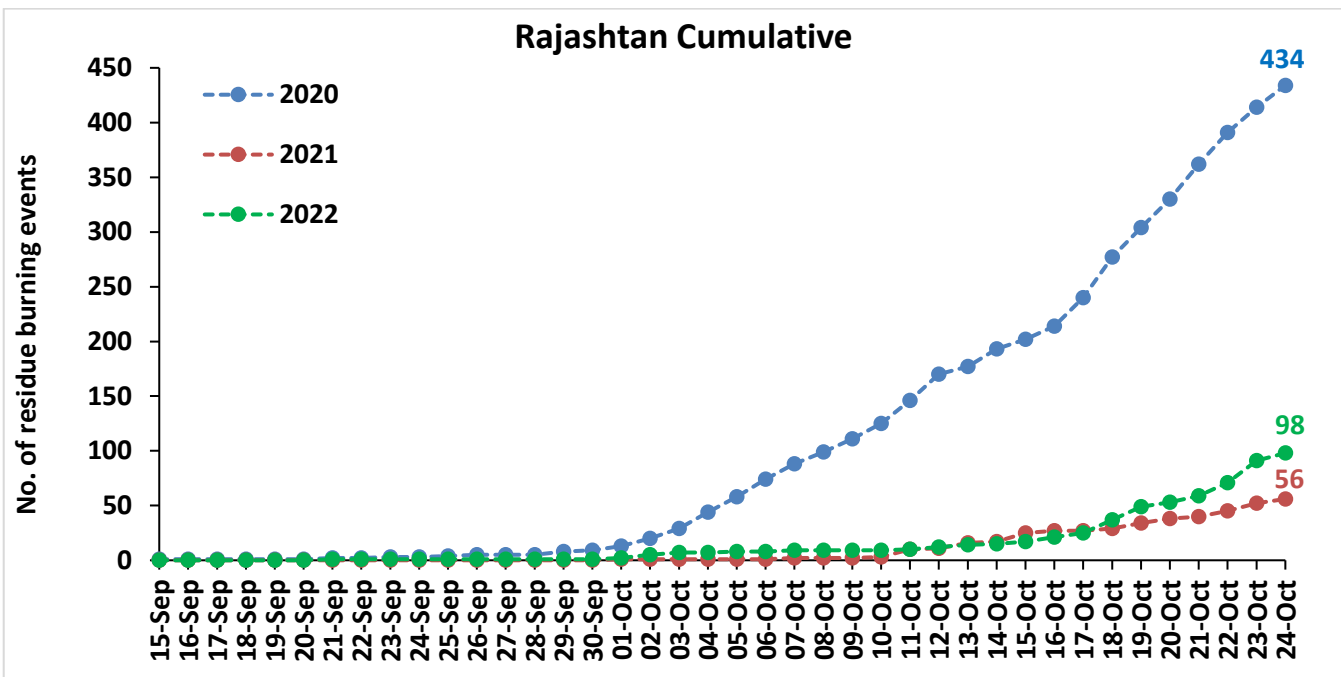
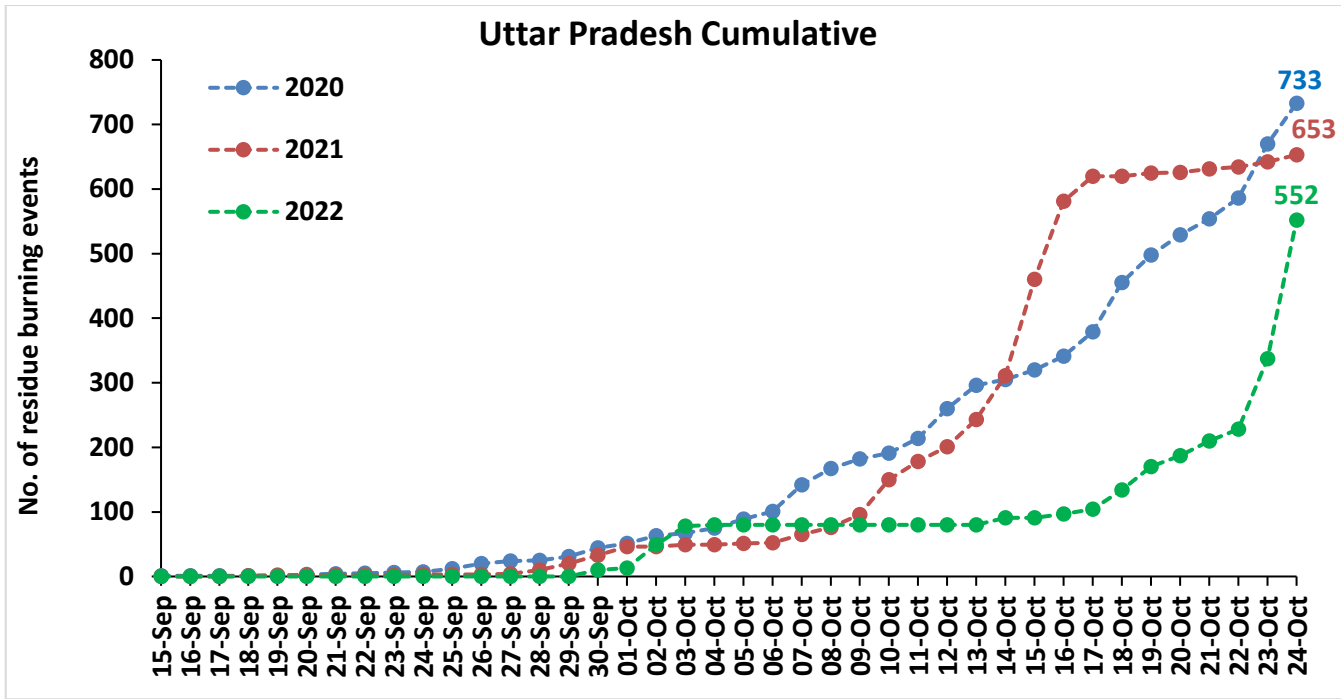
Madhya Pradesh

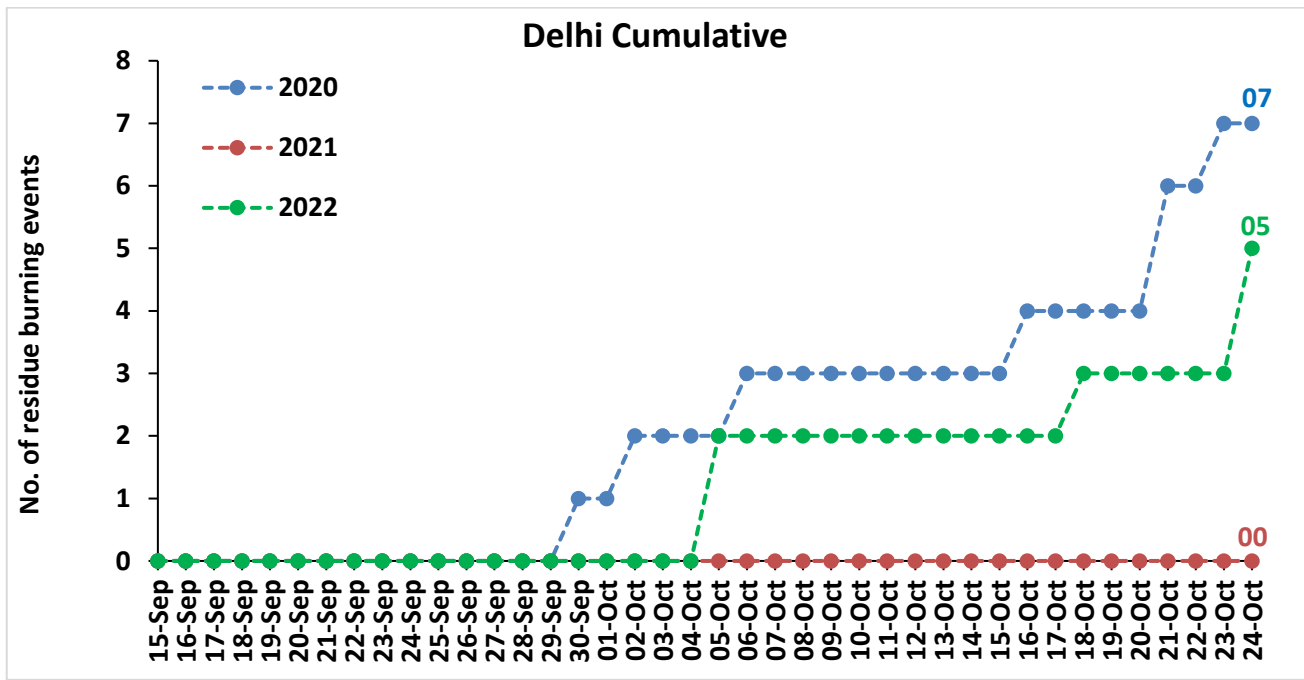
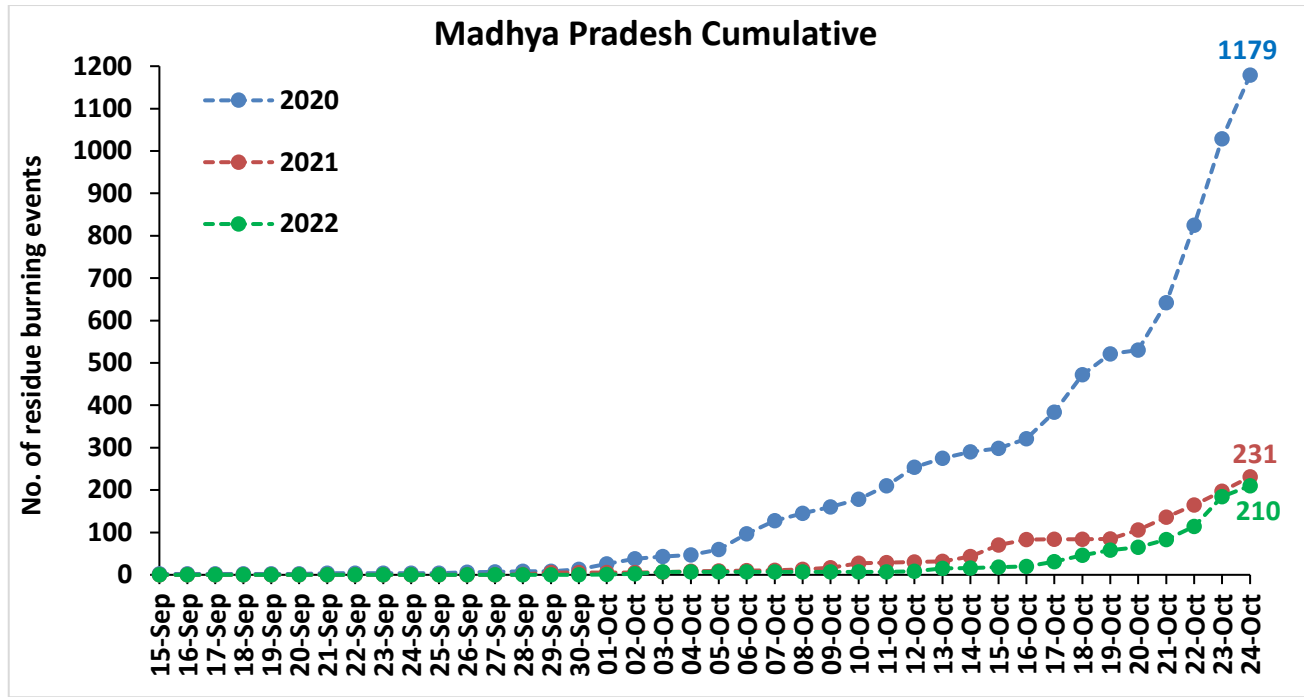




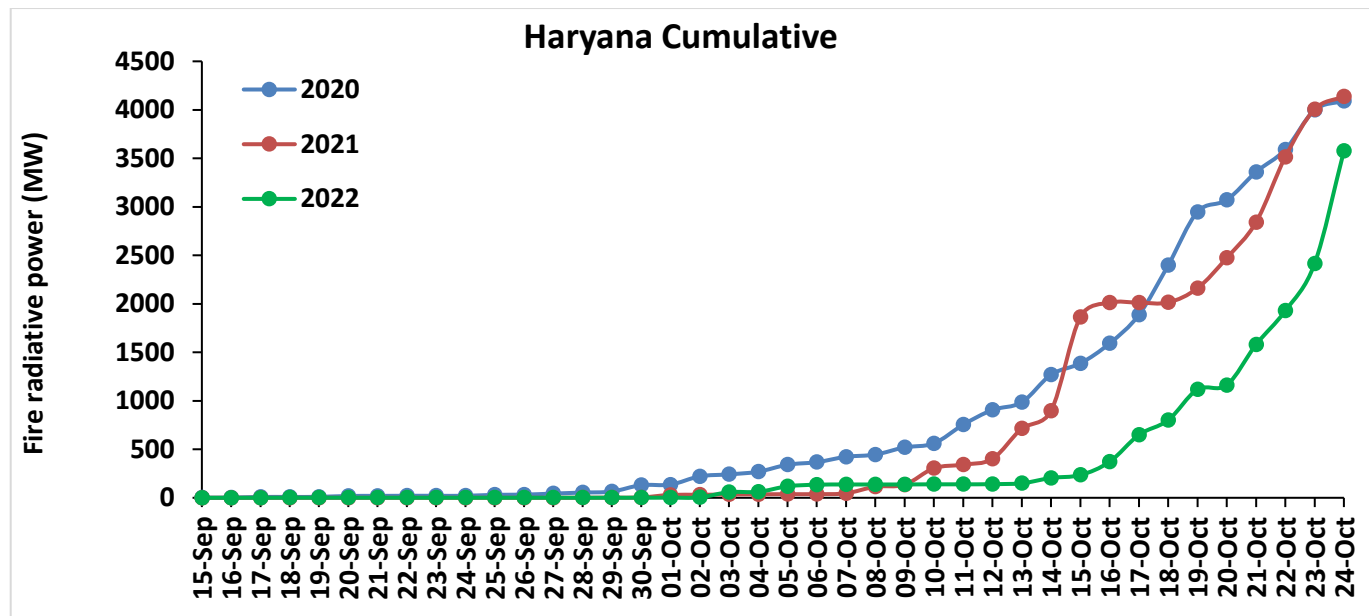
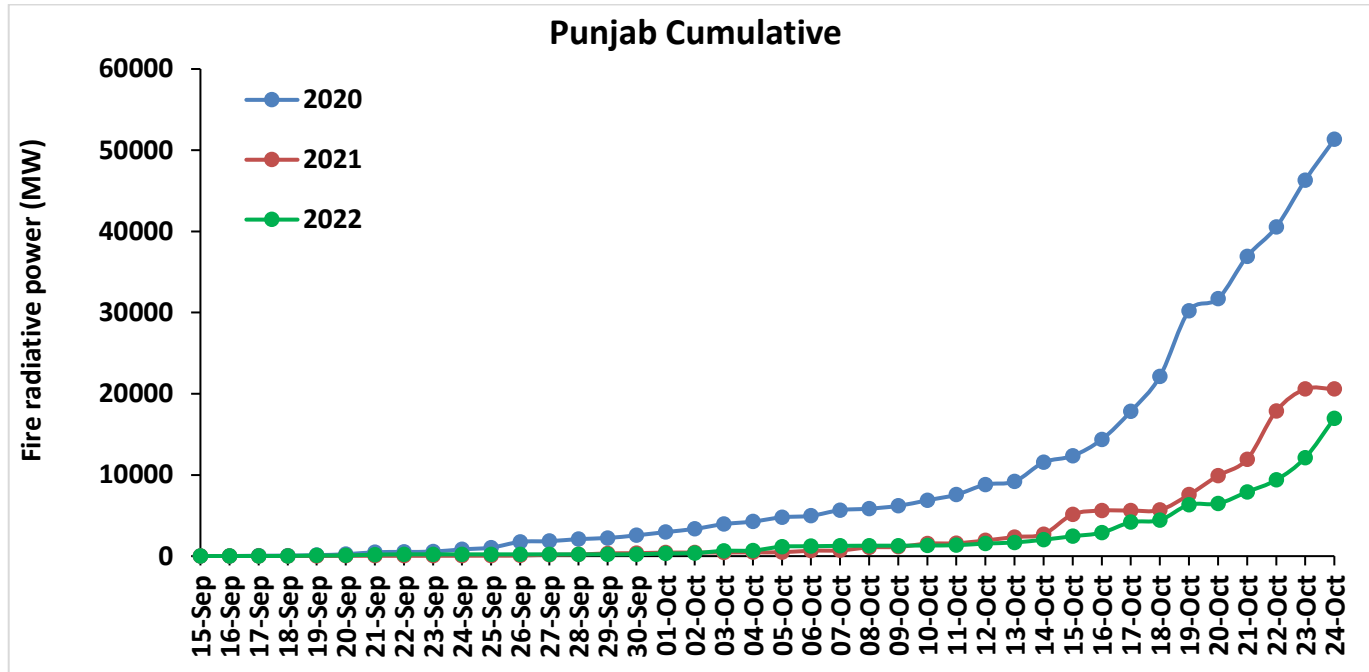
Comparison of residue burning events in current year (2022) with previous years (2020 and 2021) for the study States

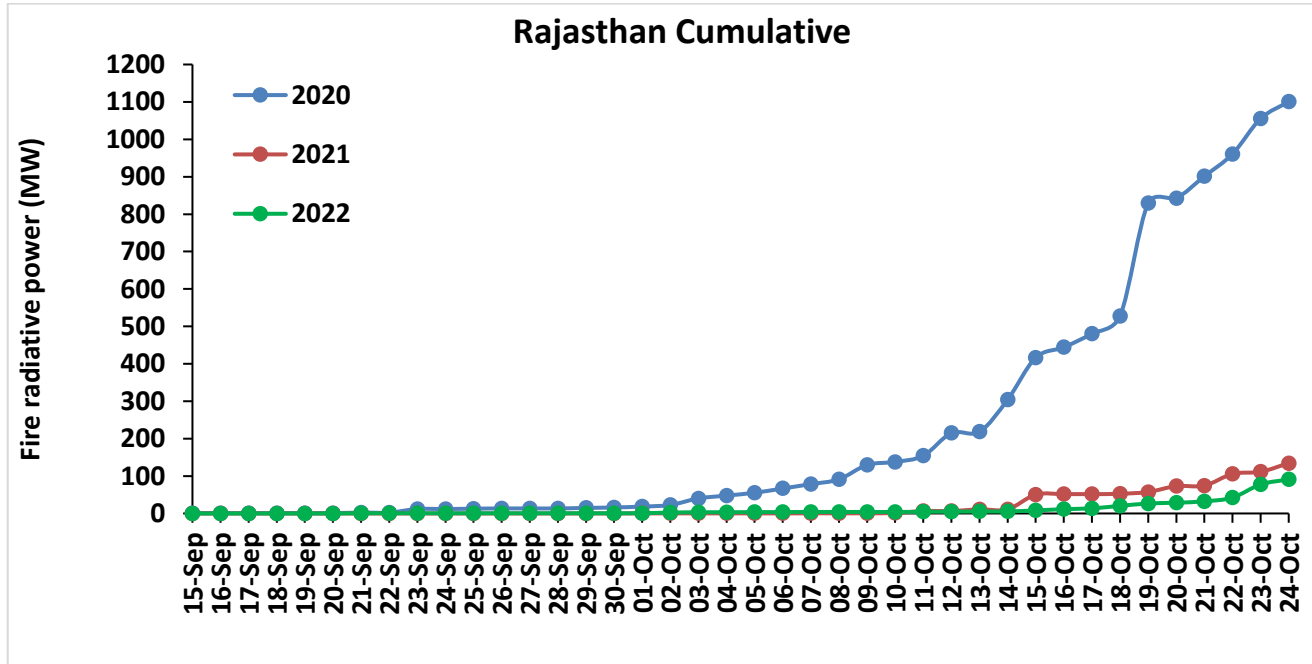
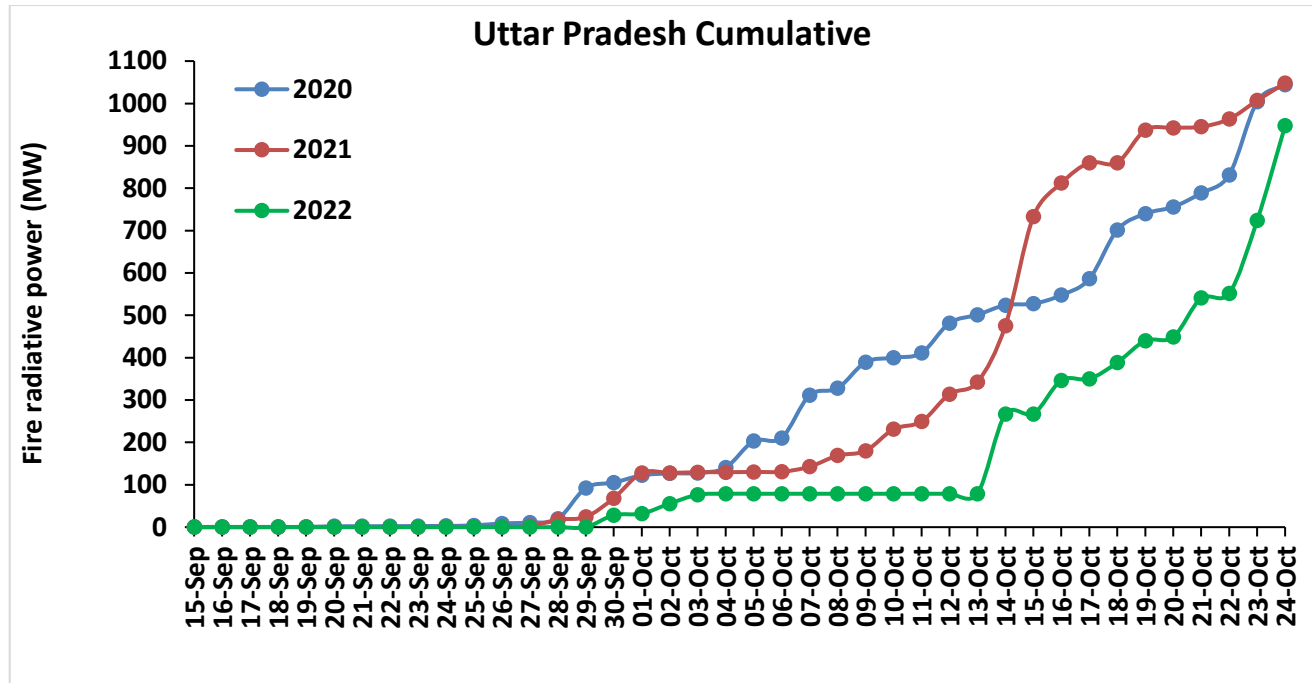


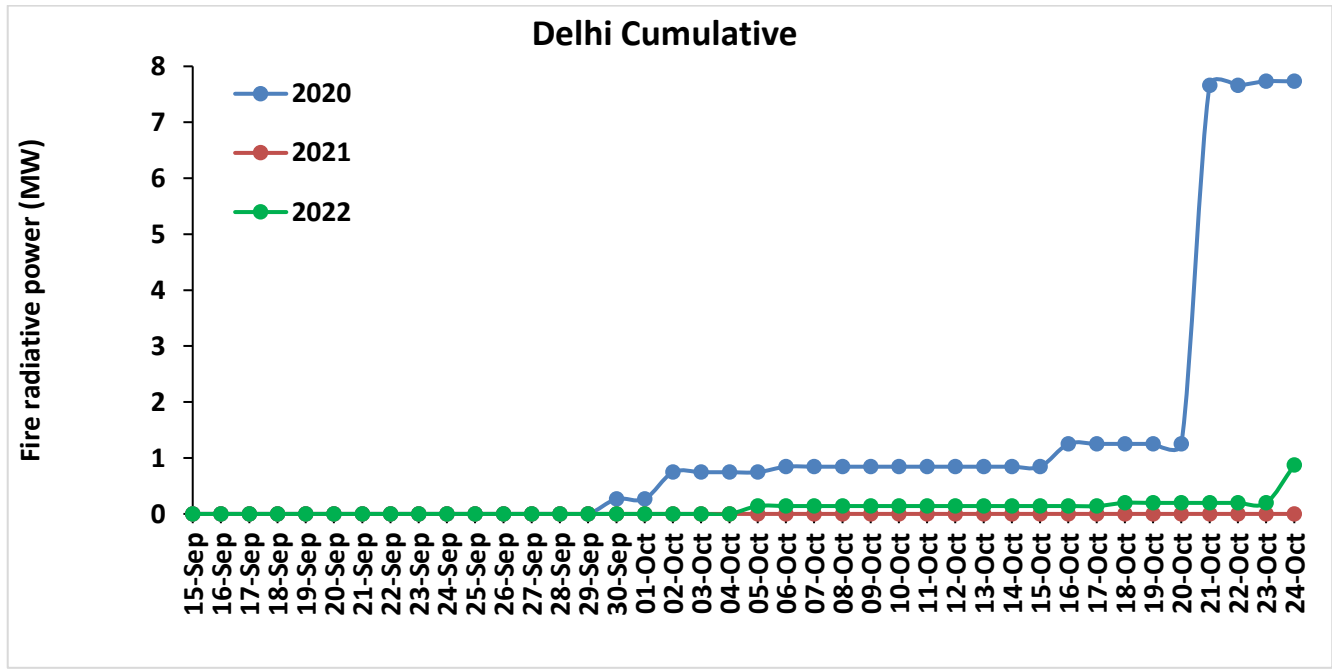
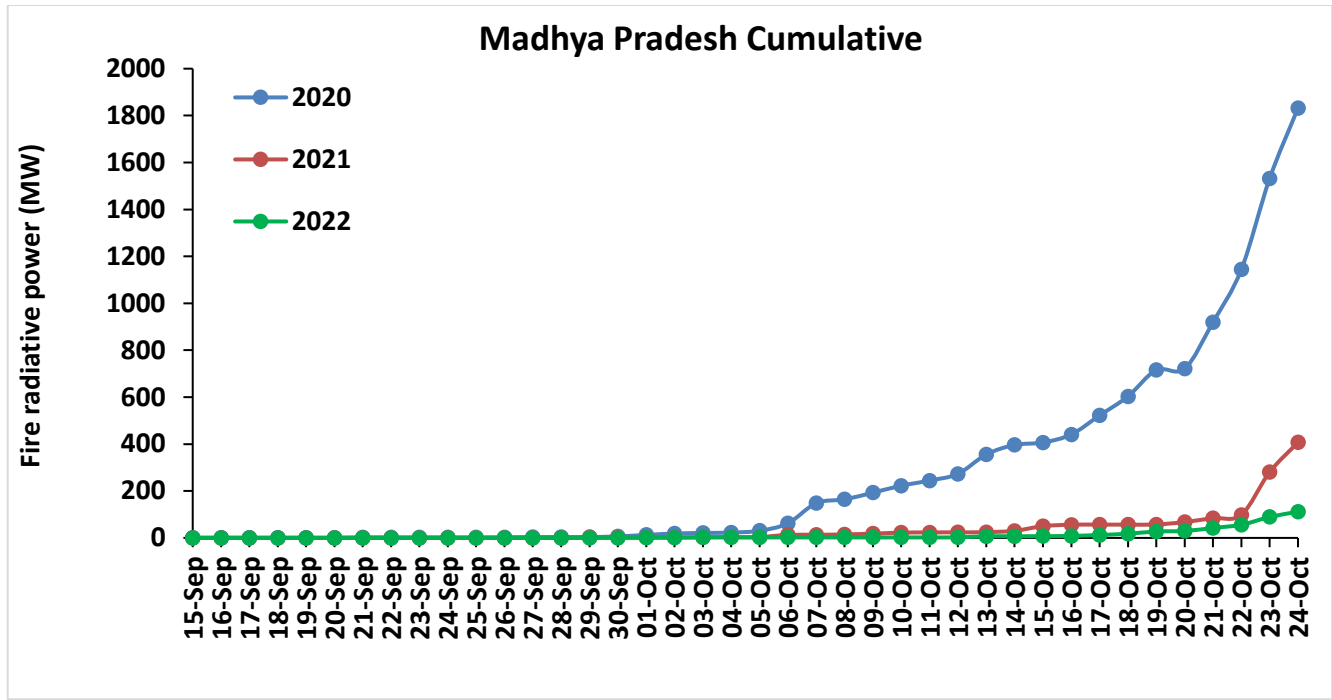




Comparison of residue burning fire power in current year (2022) with previous years (2021 and 2020) for the study States

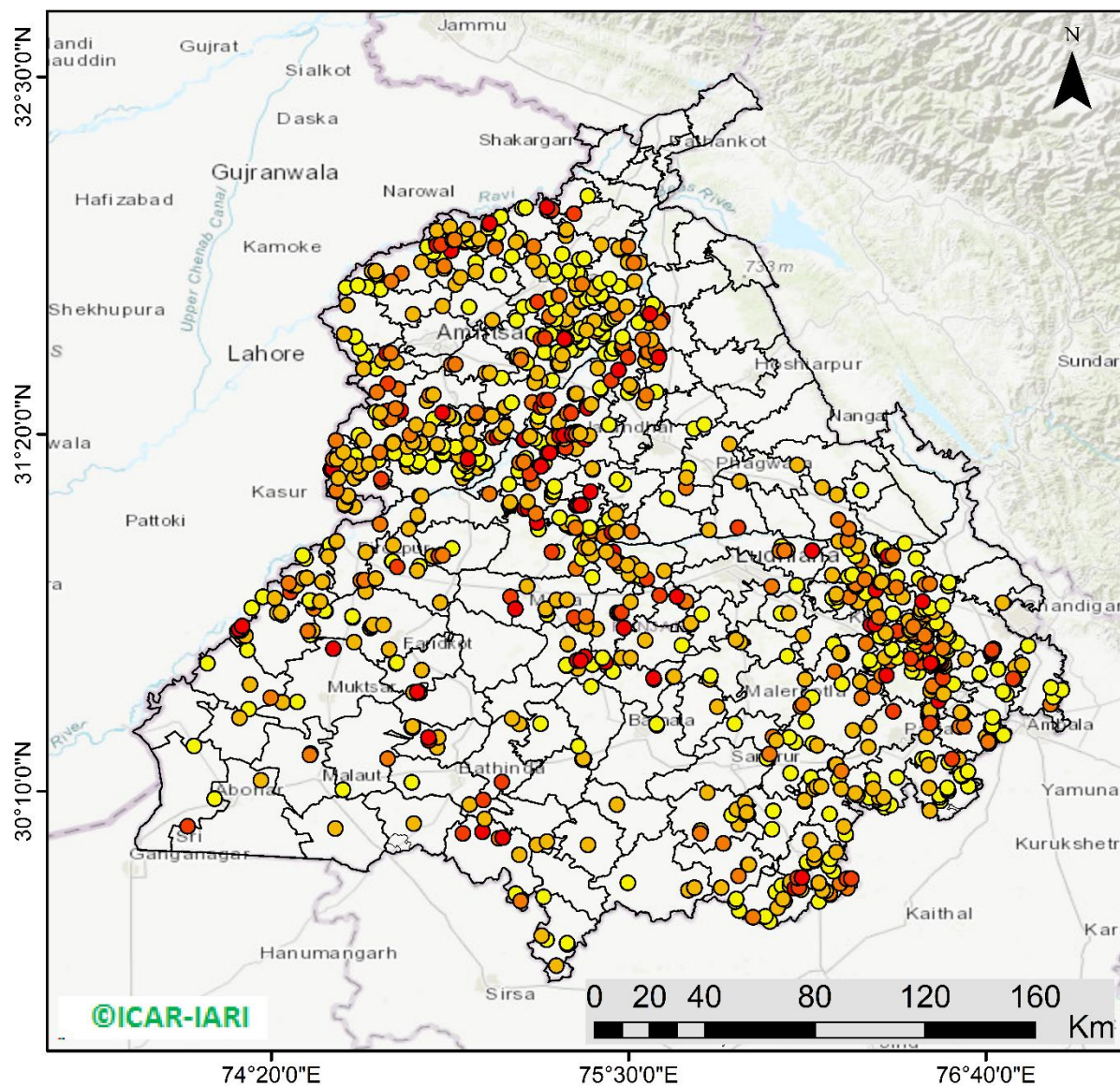






Punjab

RICE RESIDUE BURNING IN PUNJAB



1019 burning events
detected in Punjab during
(24th Oct 2022)

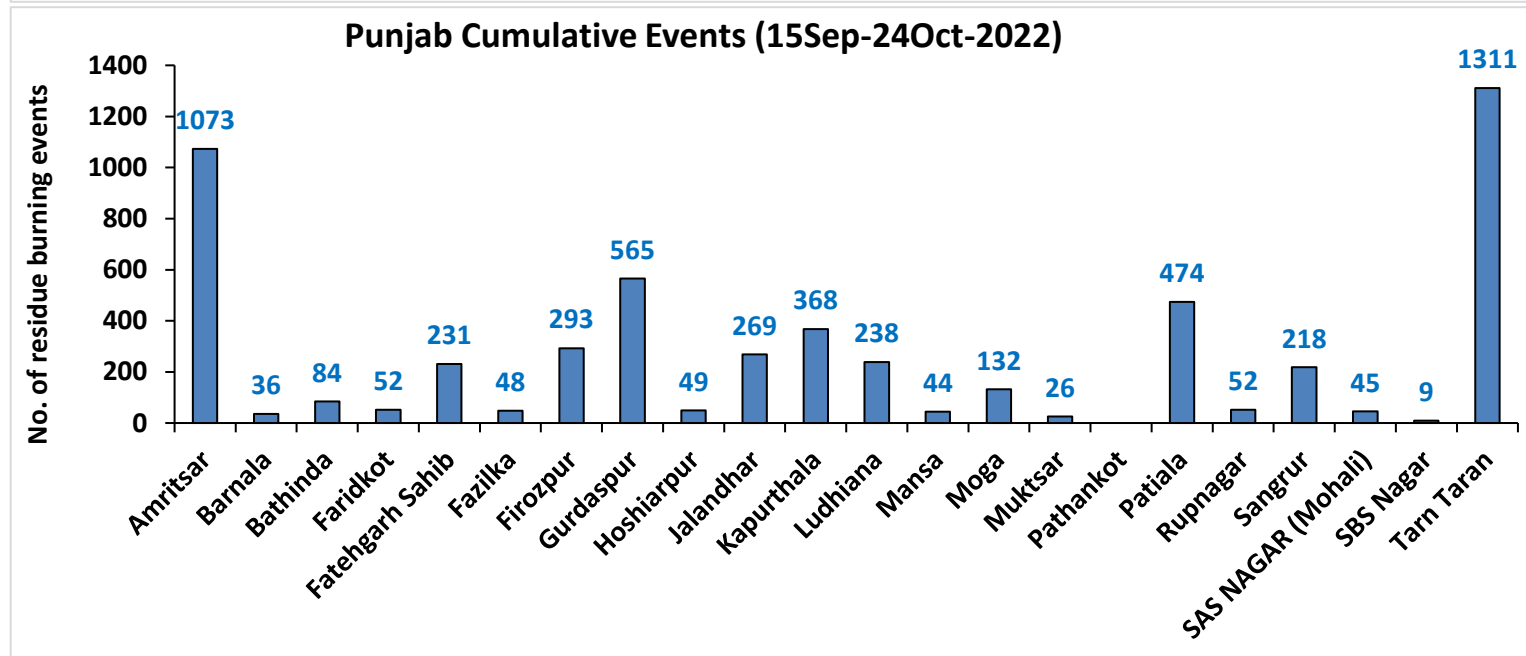
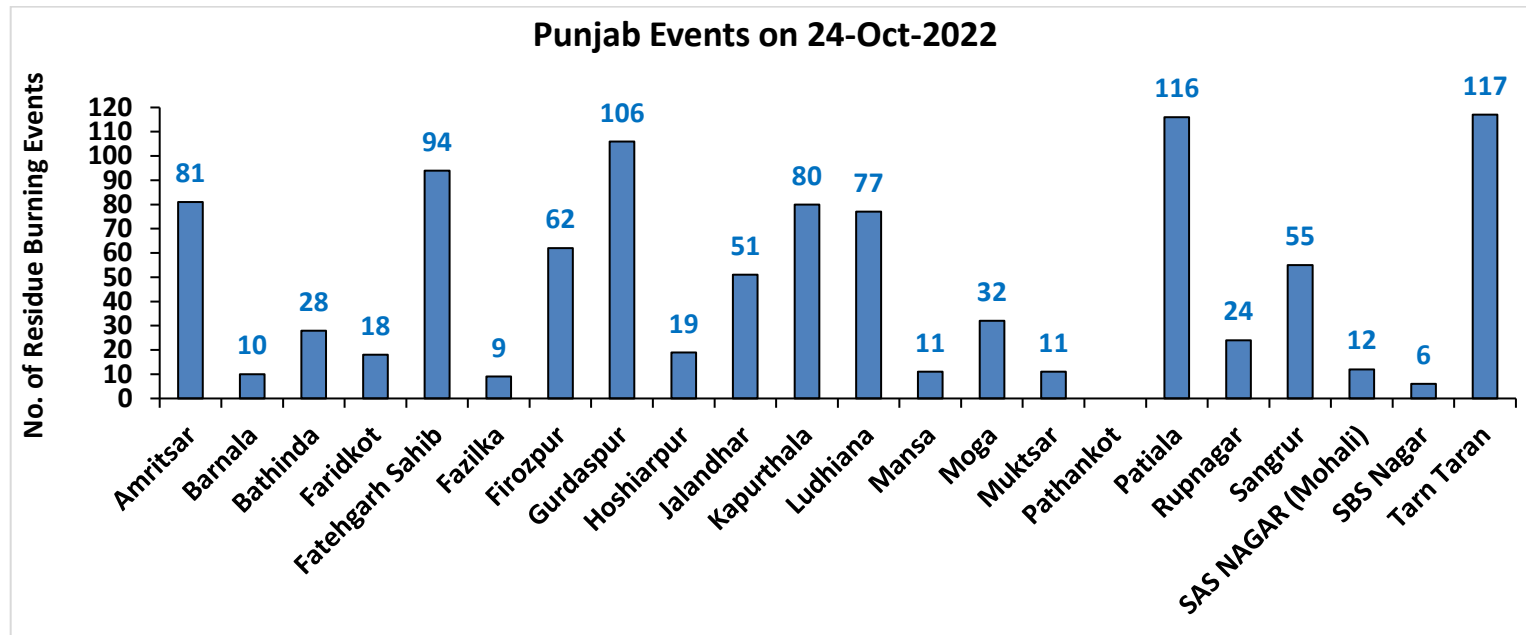
Fire Intensity (W/m²)

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



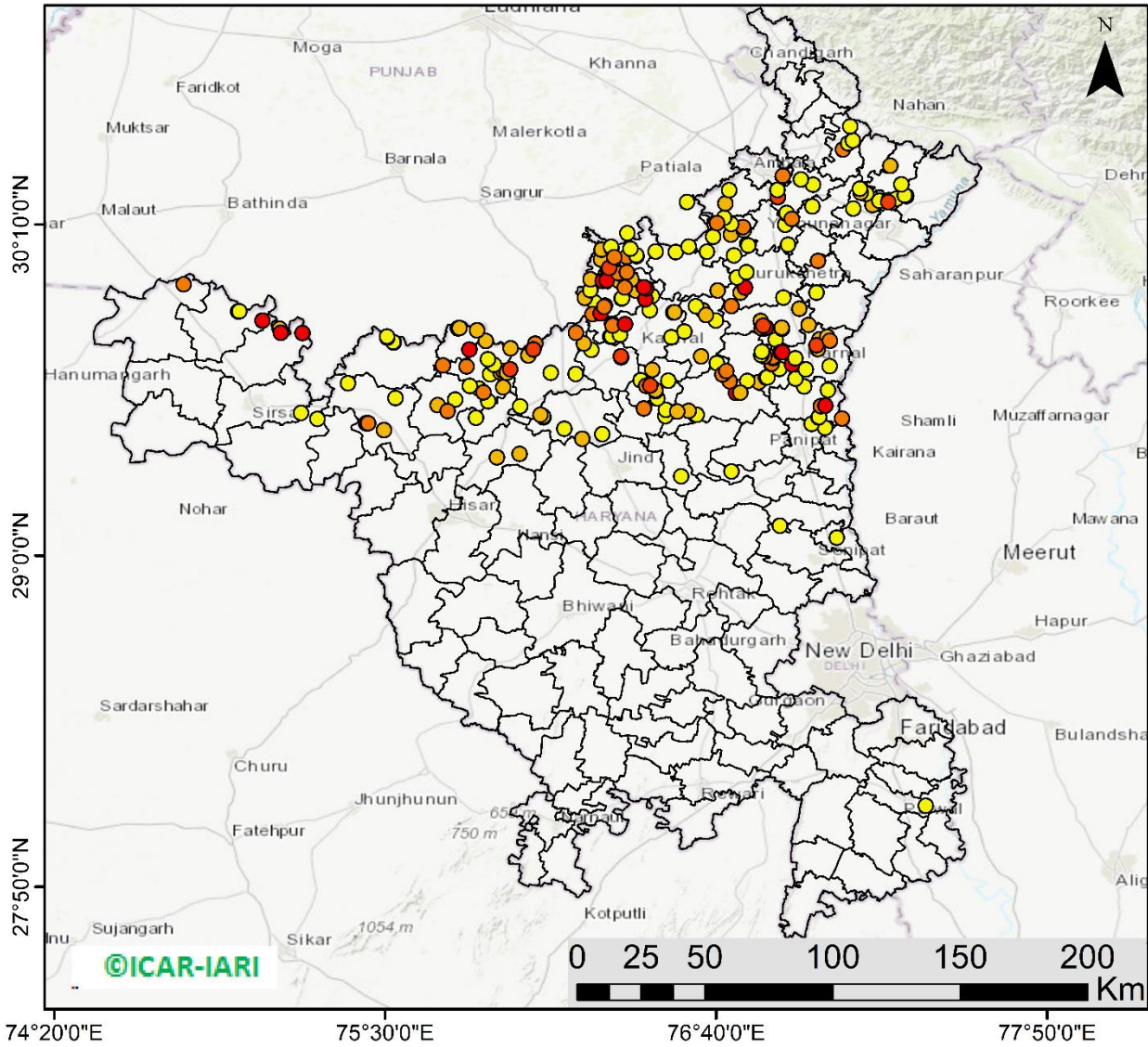
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Punjab (15Sep- 24Oct-2022)



Haryana

RICE RESIDUE BURNING IN HARYANA



250 burning events detected in Haryana on (24th Oct 2022)

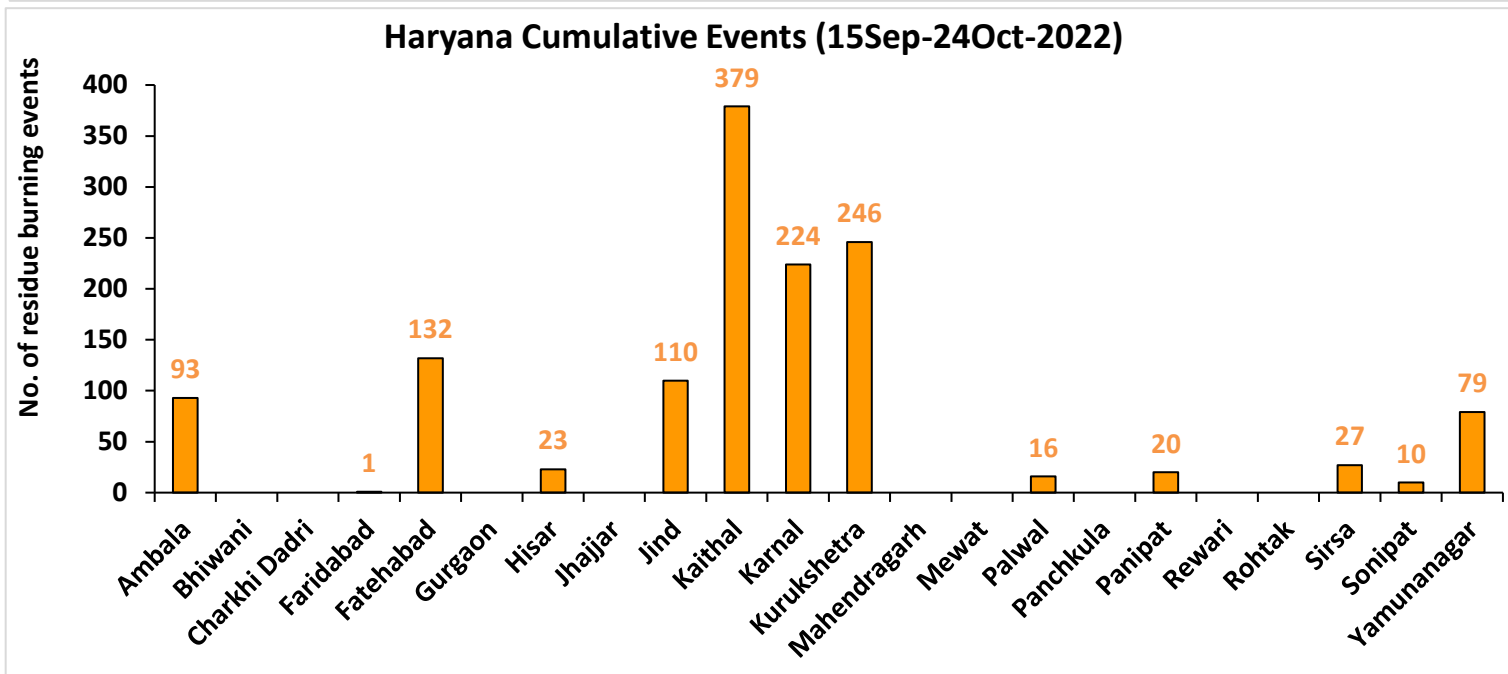
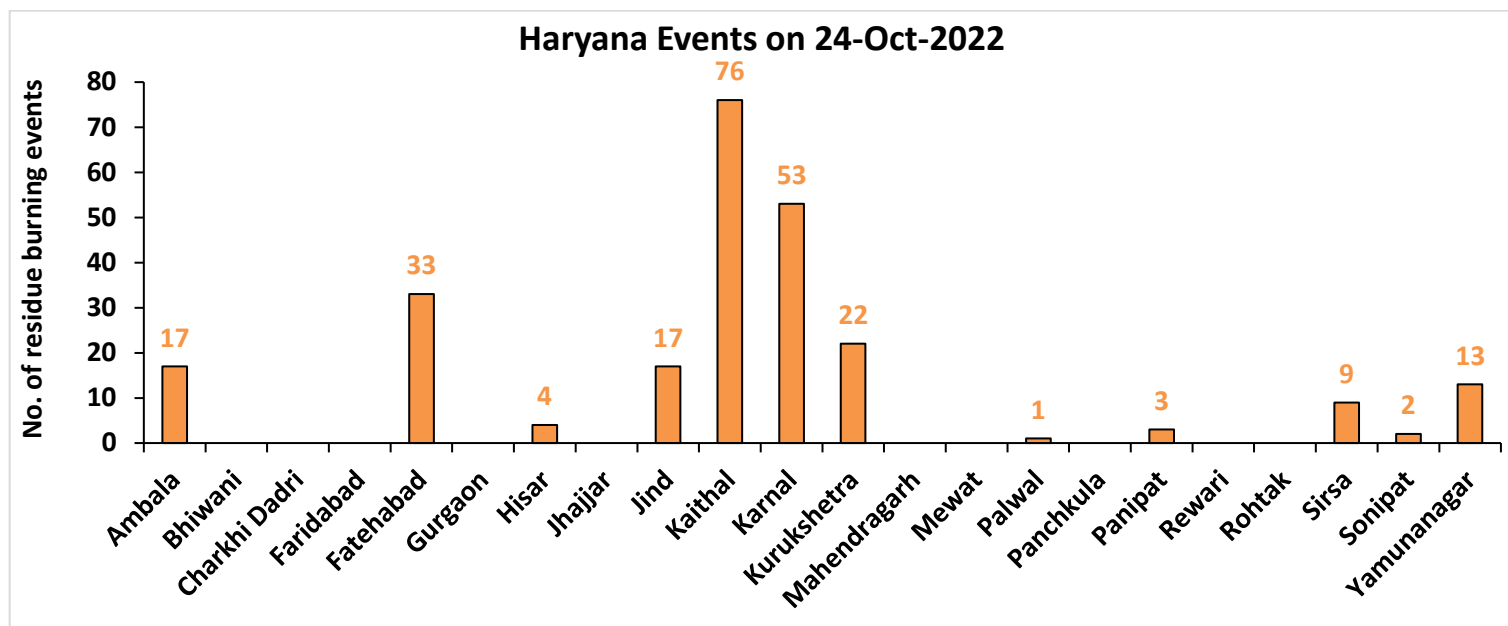
Fire Intensity (W/m²)

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



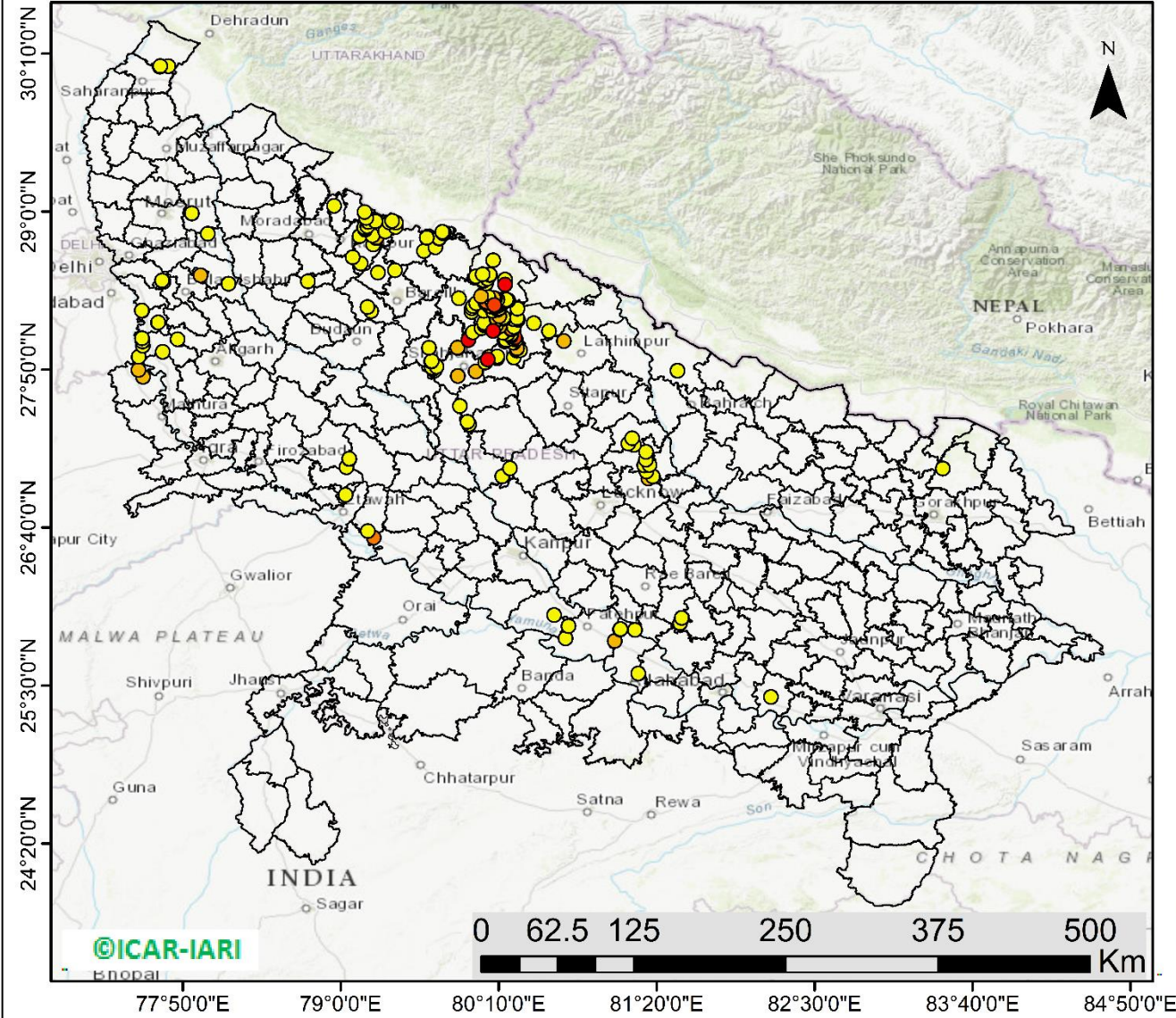
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Haryana (15Sep- 24Oct-2022)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



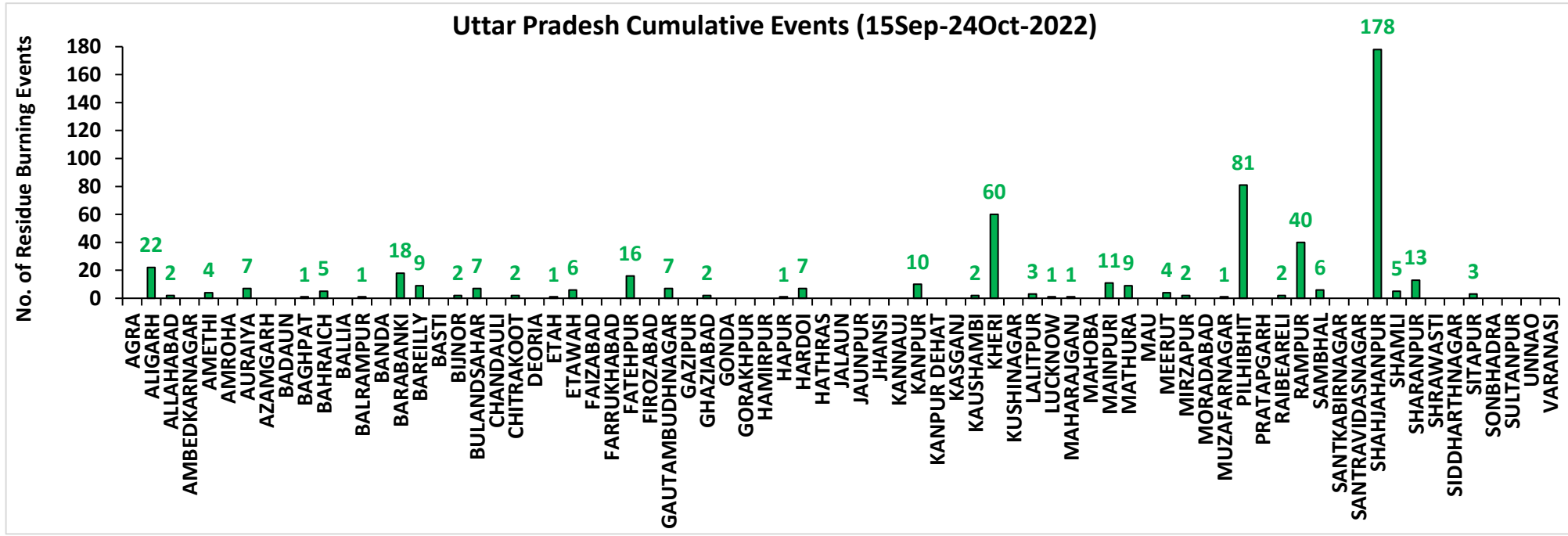
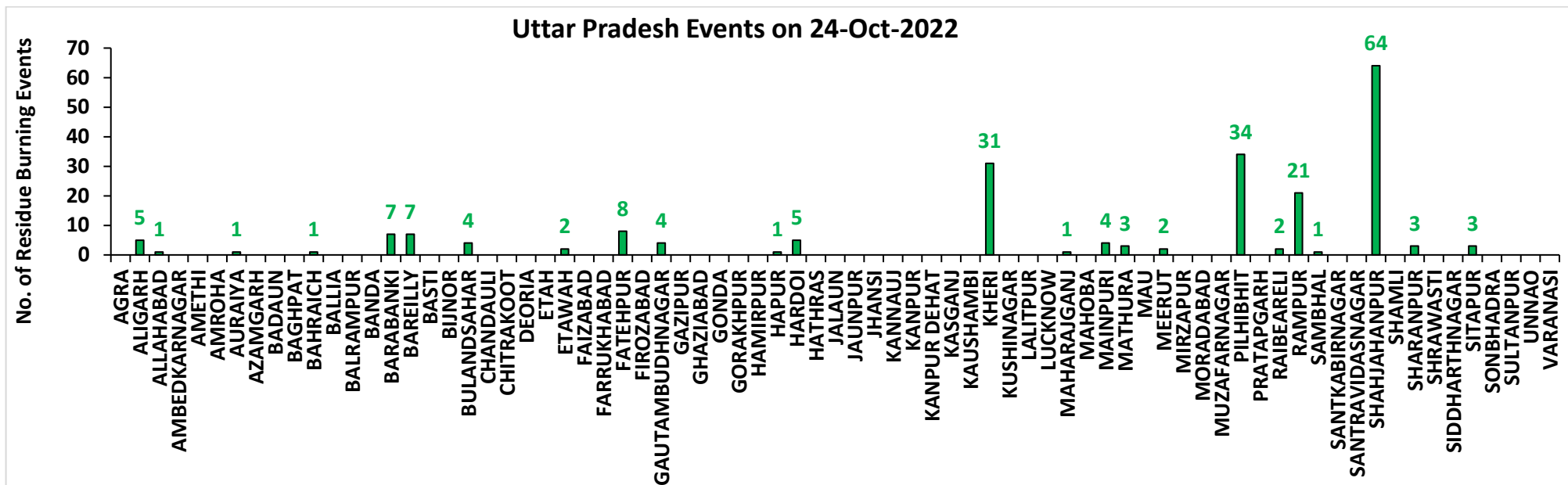
215 burning events detected in Uttar Pradesh on (24th Oct 2022)

Fire Intensity (W/m2)

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

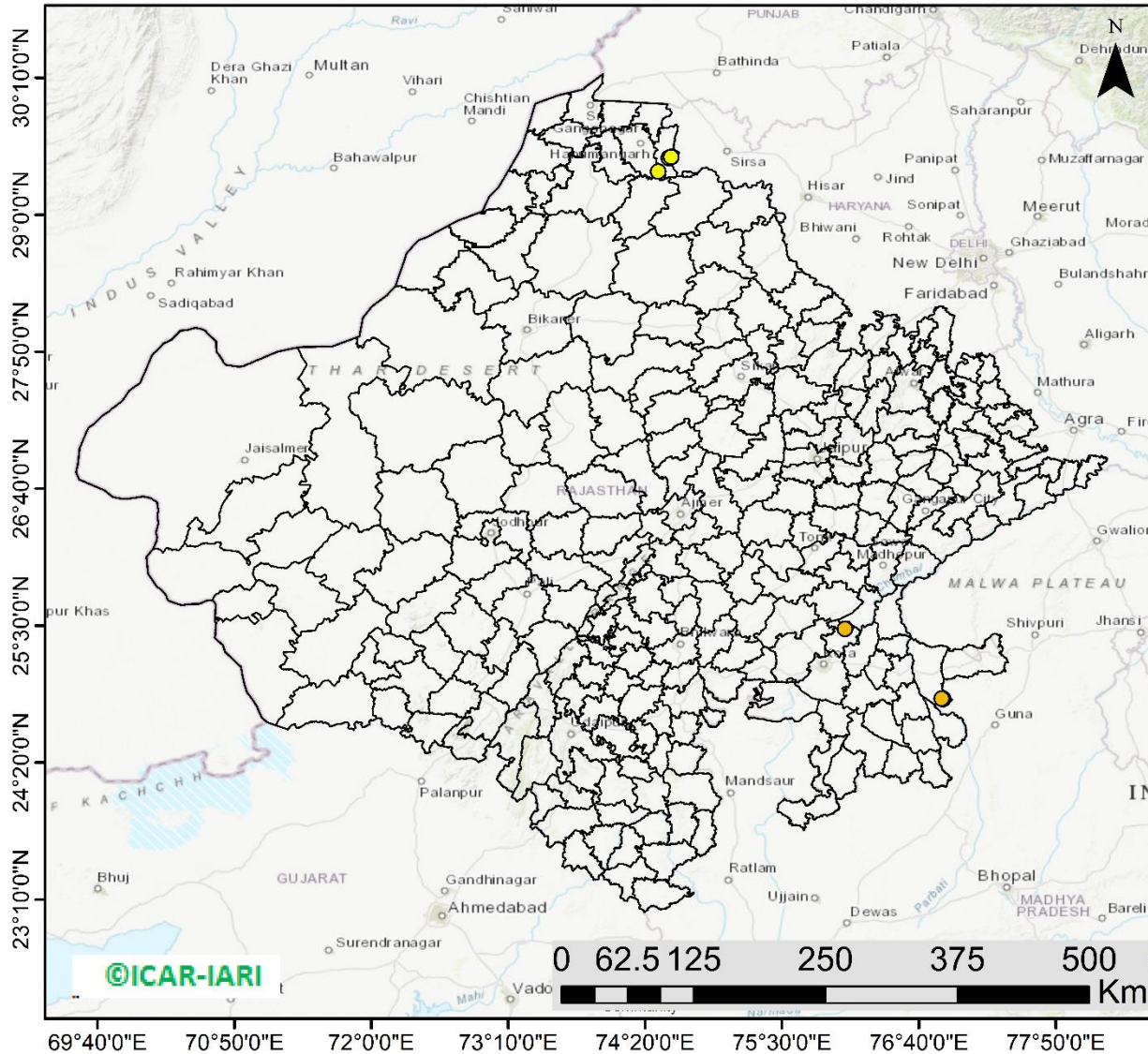
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep- 24Oct -2022)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



07 burning events
detected in Rajasthan on
(24th Oct 2022)

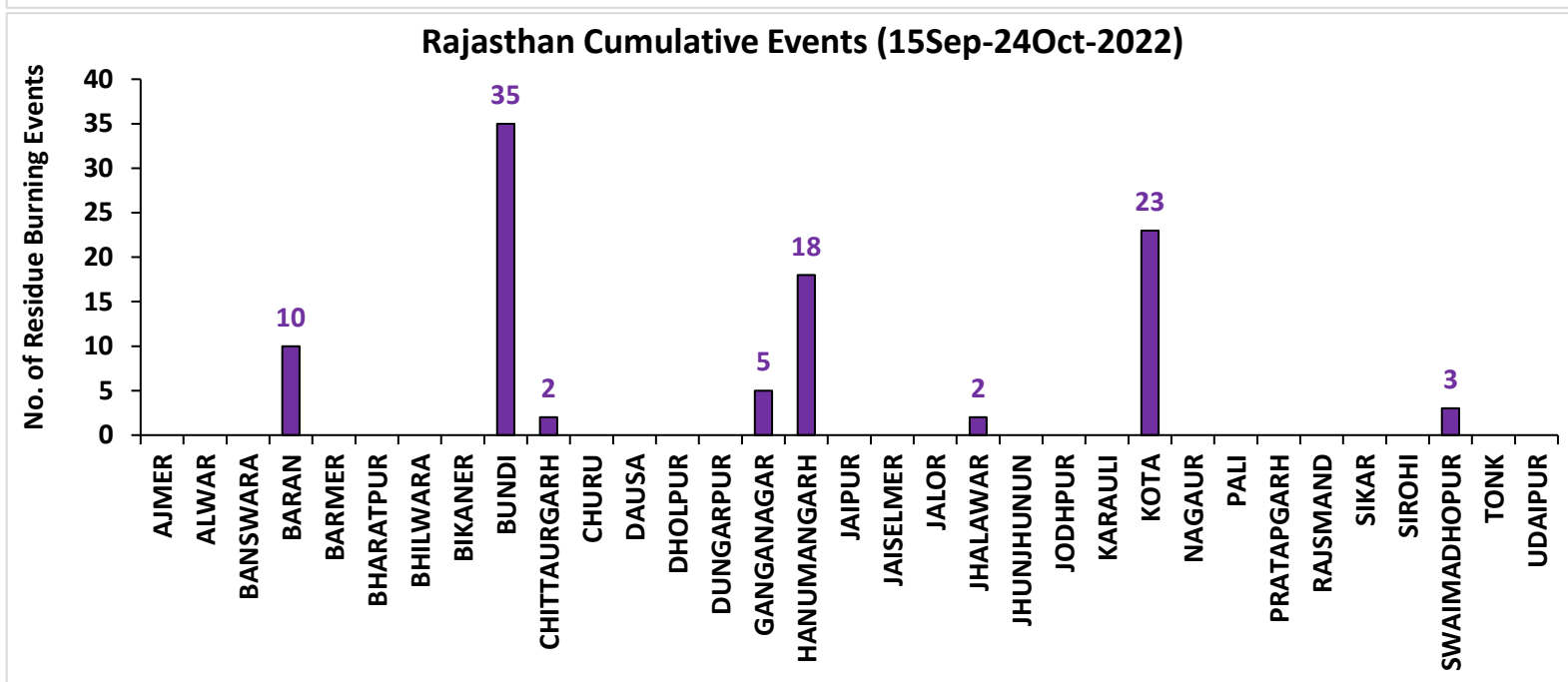
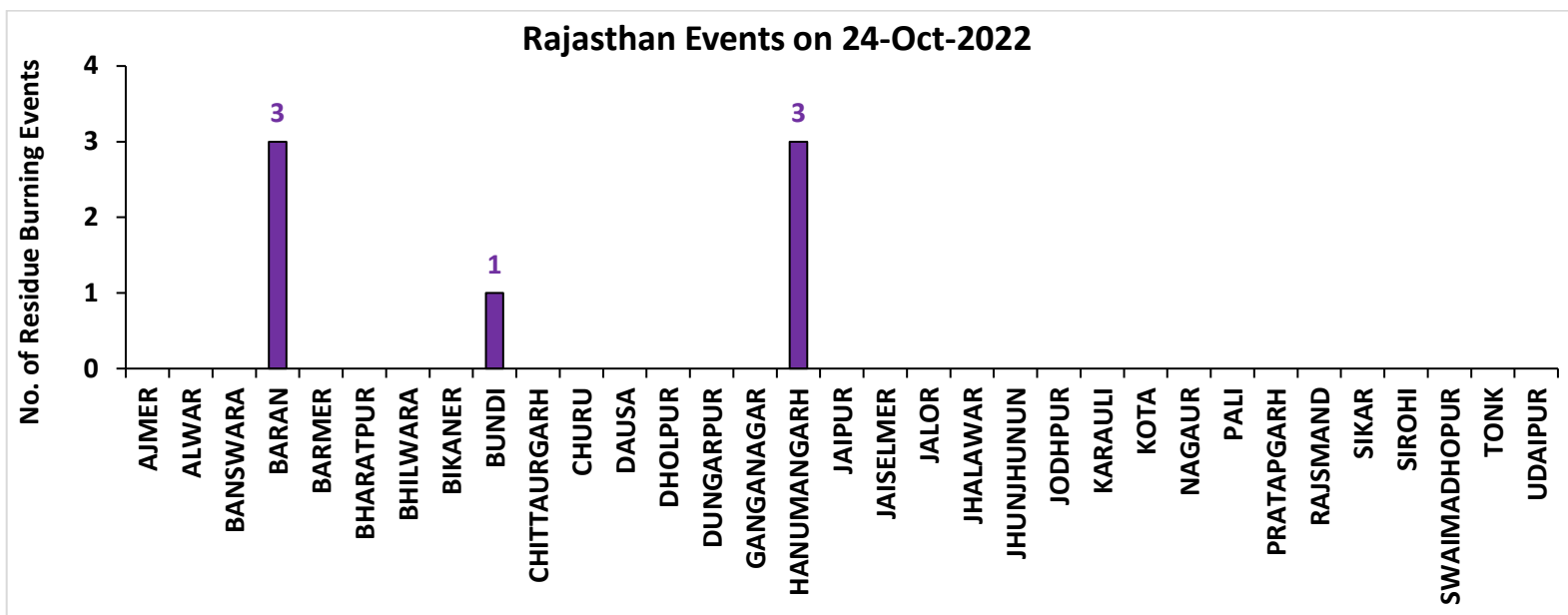
Fire Intensity (W/m²)

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



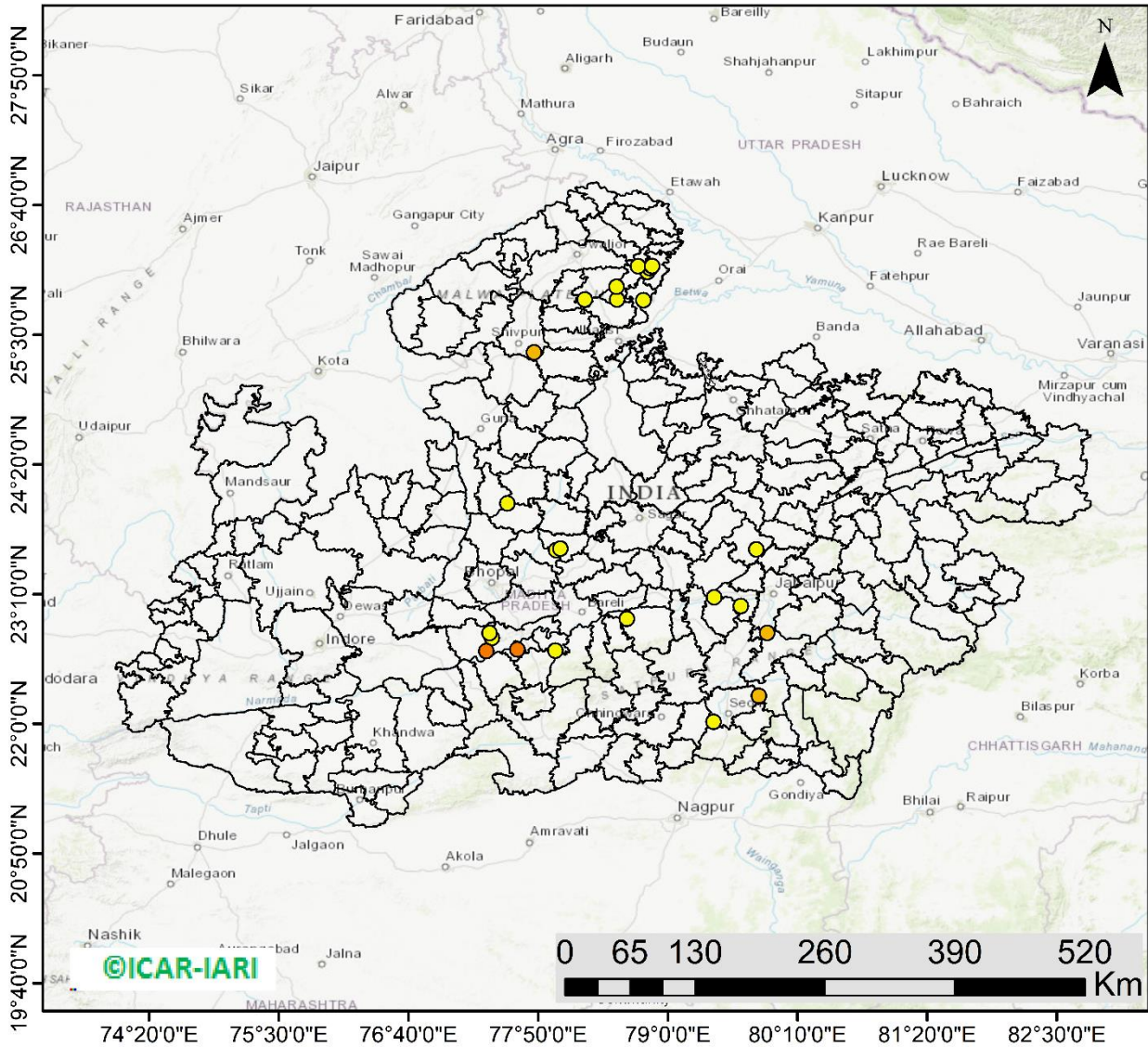
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Rajasthan (15Sep- 24Oct -2022)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



26 burning events detected in MP on (24th Oct 2022)

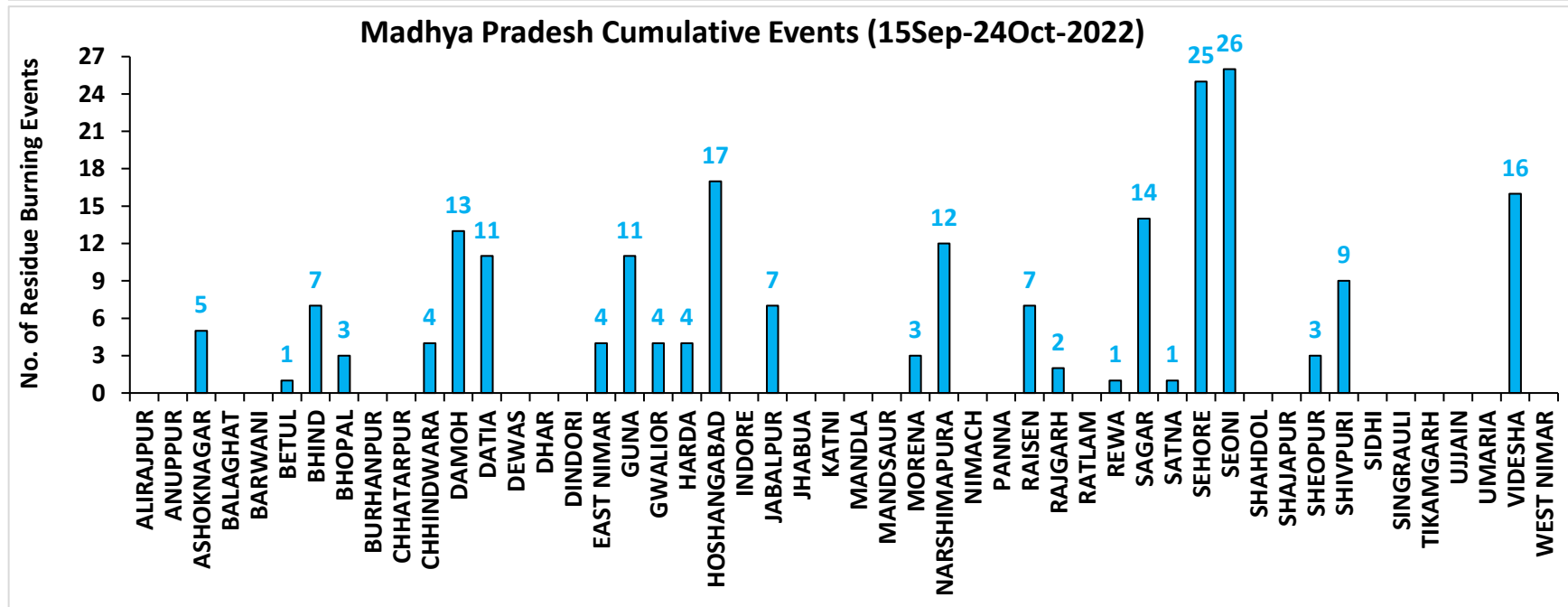
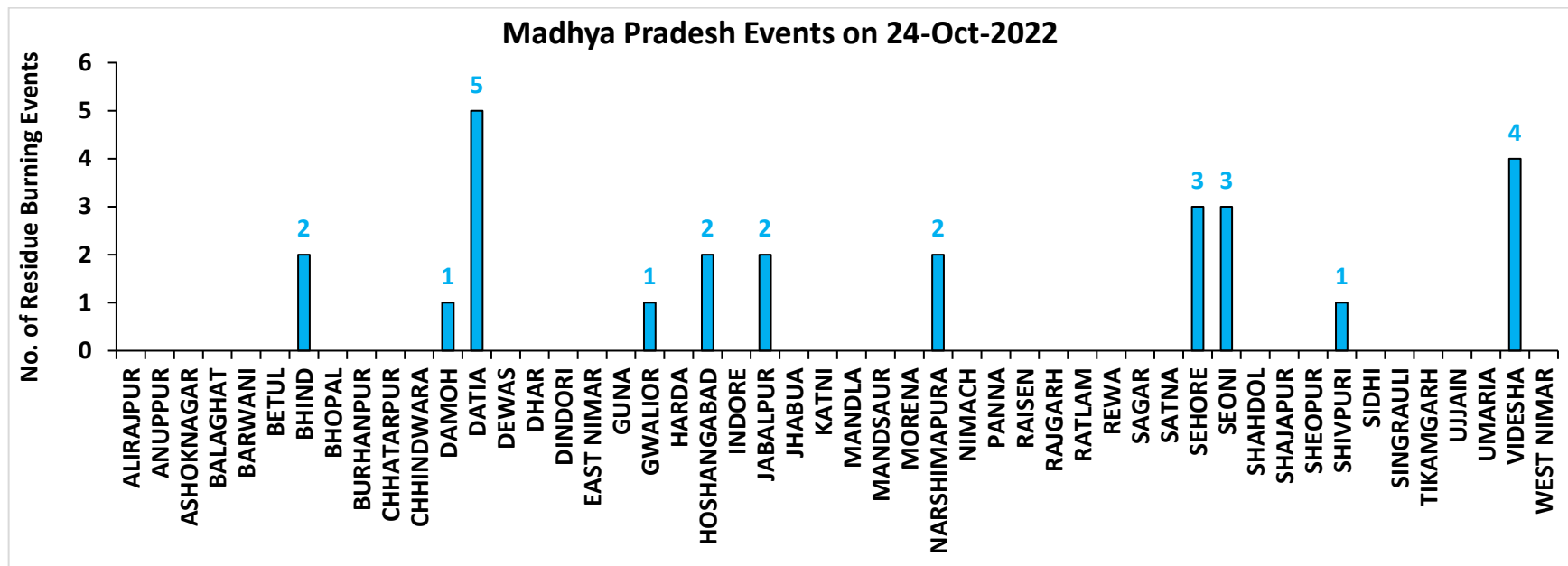
Fire Intensity (W/m²)

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



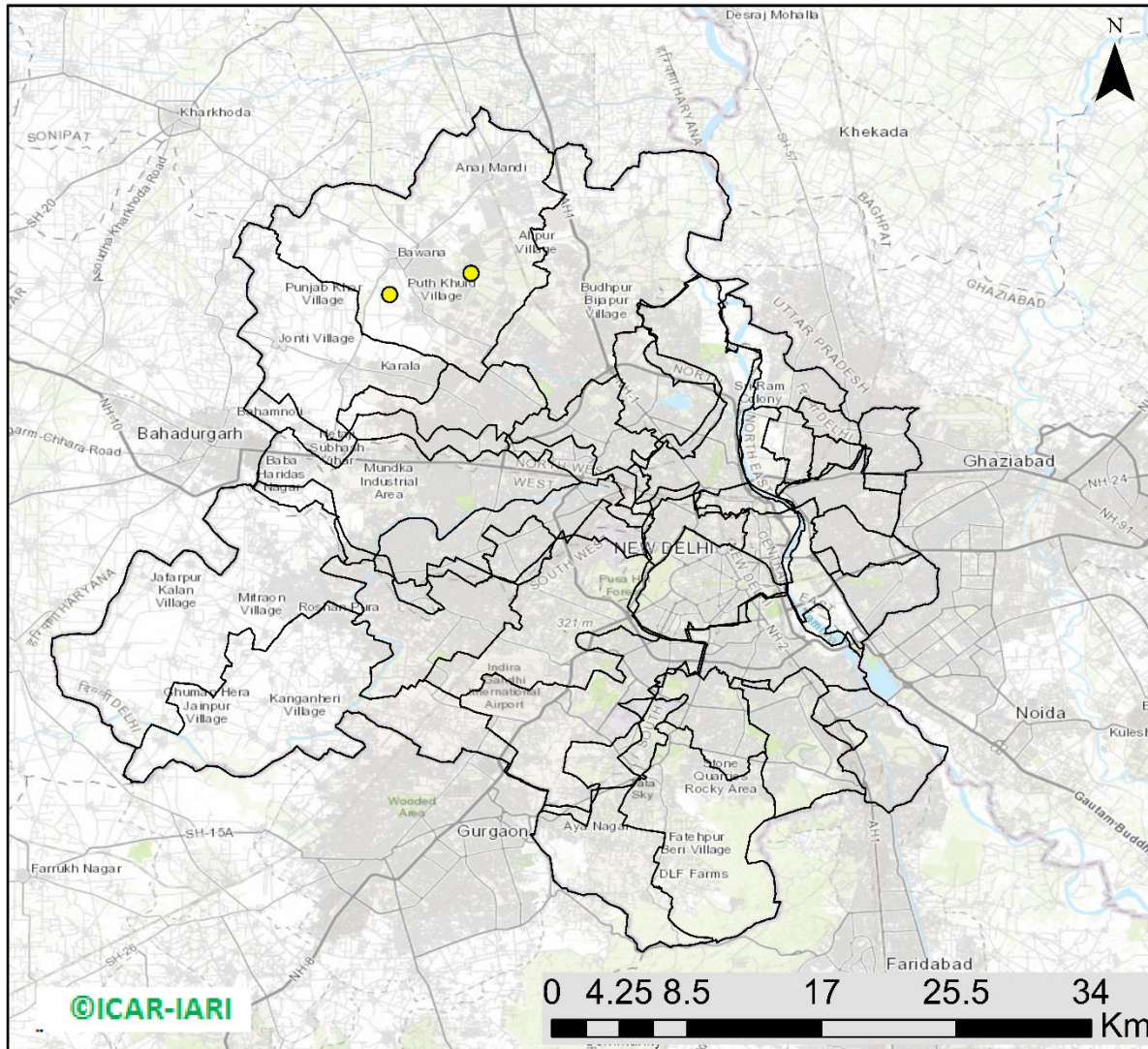
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Madhya Pradesh (15Sep- 24Oct -2022)



Delhi

RICE RESIDUE BURNING IN DELHI



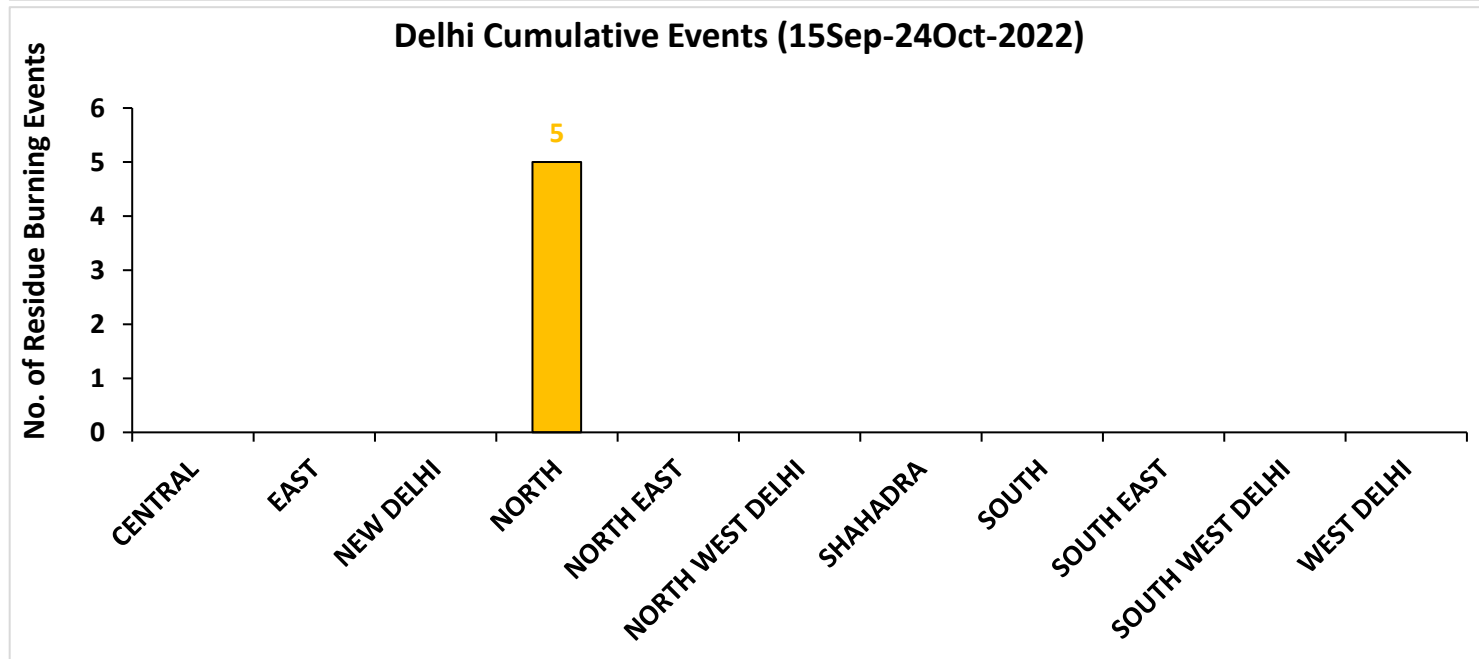
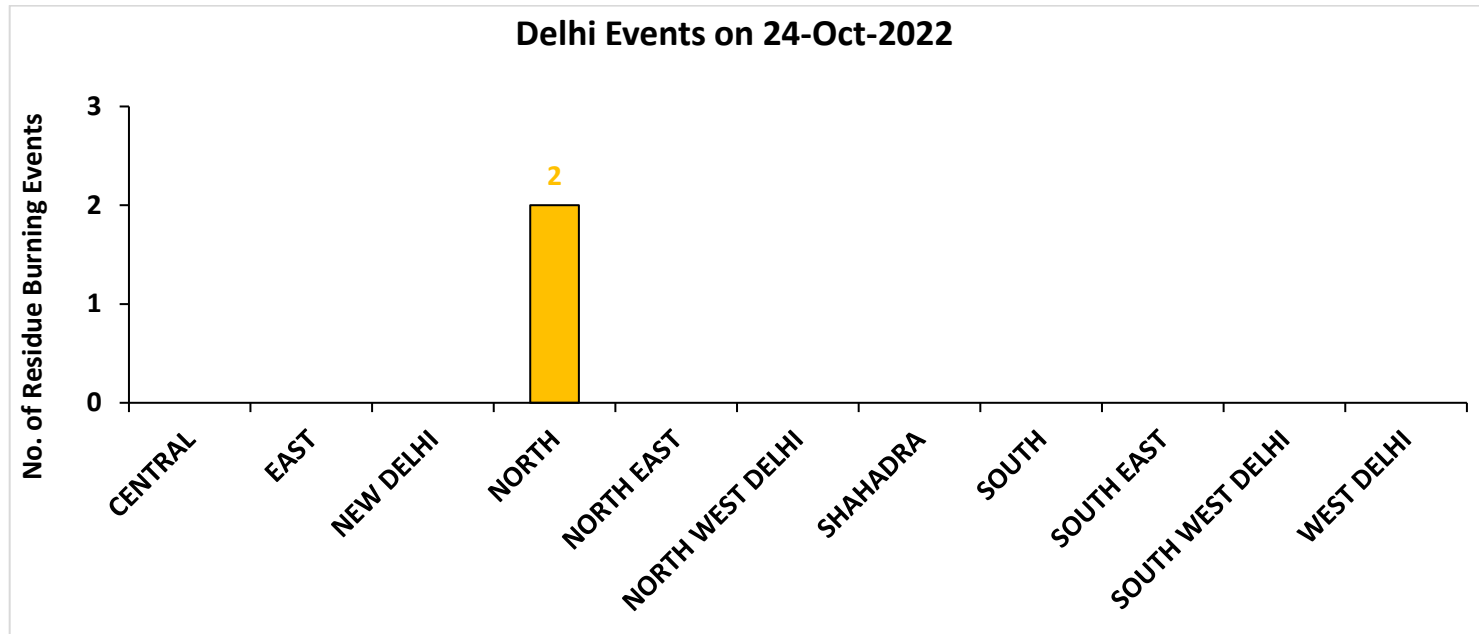
02 burning events
detected in Haryana on
(24th Oct 2022)

Fire Intensity (W/m²)

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



District-wise cumulative number of residues burning events in Delhi (15Sep- 24Oct -2022)



District-wise cumulative number of residues burning events detected in 2020 ,2021 and 2022
(Period: 15 September-24 October)

(a) Punjab

District	15 Sep-24 Oct 2022		
	2020	2021	2022
Amritsar	2343	945	1073
Barnala	81	47	36
Bathinda	197	71	84
Faridkot	787	285	52
Fatehgarh Sahib	468	286	231
Fazilka	229	82	48
Firozpur	1884	394	293
Gurdaspur	1215	394	565
Hoshiarpur	200	58	49
Jalandhar	354	273	269
Kapurthala	771	391	368
Ludhiana	373	389	238
Mansa	132	32	44
Moga	282	131	132
Muktsar	254	85	26
Pathankot	7	0	0
Patiala	1323	500	474
Rupnagar	64	46	52
Sangrur	470	146	218
SAS NAGAR (Mohali)	75	54	45
SBS Nagar	27	34	9
Tarn Taran	3269	1415	1311
Total	14805	6058	5617

(b) Haryana

District	15 Sep-24 Oct 2022		
	2020	2021	2022
AMBALA	197	85	93
BHIWANI	0	0	0
CHARKHI DADRI	0	0	0
FARIDABAD	1	1	1
FATEHABAD	99	110	132
GURGAON	0	0	0
HISAR	10	8	23
JHAJJAR	1	0	0
JIND	51	76	110
KAITHAL	332	479	379
KARNAL	413	554	224
KURUKSHETRA	338	319	246
MAHENDRAGARH	0	0	0
MEWAT	0	0	0
PALWAL	27	26	16
PANCHKULA	0	0	0
PANIPAT	12	22	20
REWARI	0	0	0
ROHTAK	2	0	0
SIRSA	32	17	27
SONIPAT	15	7	10
YAMUNANAGAR	87	60	79
Total	1617	1764	1360

(c) Uttar Pradesh

District	15 Sep-24 Oct 2022										
	2020	2021	2022	GAUTAMBUDHNAGAR	6	7	7	MUZAFARNAGAR	3	2	1
AGRA	2	0	0	GAZIPUR	0	0	0	PILHIBHIT	10	108	81
ALIGARH	50	21	22	GHAZIABAD	3	2	2	PRATAPGARH	4	0	0
ALLAHABAD	0	1	2	GONDA	0	0	0	RAIBEARELI	1	0	2
AMBEDKARNAGAR	0	0	0	GORAKHPUR	1	0	0	RAMPUR	55	50	40
AMETHI	0	1	4	HAMIRPUR	1	0	0	SAMBHAL	7	7	6
AMROHA	2	0	0	HAPUR	7	1	1	SANTKABIRNAGAR	0	0	0
AURAIYA	19	7	7	HARDOI	19	6	7	SANTRAVIDASNAGAR	0	0	0
AZAMGARH	0	0	0	HATHRAS	0	0	0	SHAHJAHANPUR	51	181	178
BADAUN	2	6	0	JALAUN	0	0	0	SHAMLI	21	15	5
BAGHPAT	4	1	1	JAUNPUR	0	0	0	SHARANPUR	44	20	13
BAHRAICH	20	2	5	JHANSI	26	6	0	SHRAWASTI	8	0	0
BALLIA	0	0	0	KANNAUJ	6	2	0	SIDDHARTHANAGAR	0	0	0
BALRAMPUR	5	1	1	KANPUR	5	7	10	SITAPUR	21	9	3
BANDA	0	0	0	KANPUR DEHAT	15	1	0	SONBHADRA	0	0	0
BARABANKI	21	20	18	KASGANJ	2	2	0	SULTANPUR	1	0	0
BAREILLY	25	15	9	KAUSHAMBI	14	3	2	UNNAO	6	1	0
BASTI	3	1	0	KHERI	50	54	60	VARANASI	1	0	0
BIJNOR	6	4	2	KUSHINAGAR	0	0	0	Total	733	653	552
BULANDSAHAR	16	2	7	LALITPUR	0	1	3				
CHANDAULI	0	0	0	LUCKNOW	2	0	1				
CHITRAKOOT	0	1	2	MAHARAJGANJ	0	0	1				
DEORIA	0	0	0	MAHOBA	12	0	0				
ETAH	12	6	1	MAINPURI	15	7	11				
ETAWAH	8	7	6	MATHURA	49	43	9				
FAIZABAD	3	0	0	MAU	0	0	0				
FARRUKHABAD	1	0	0	MEERUT	16	4	4				
FATEHPUR	26	6	16	MIRZAPUR	6	5	2				
FIROZABAD	12	4	0	MORADABAD	8	3	0				

(d) Delhi

District	15 Sep-24 Oct 2022		
	2020	2021	2022
CENTRAL	0	0	0
EAST	0	0	0
NEW DELHI	0	0	0
NORTH	2	0	5
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	5

(e) Rajasthan

District	15 Sep-24 Oct 2022		
	2020	2021	2022
AJMER	2	0	0
ALWAR	2	0	0
BANSWARA	0	0	0
BARAN	106	0	10
BARMER	2	0	0
BHARATPUR	2	0	0
BHILWARA	4	0	0
BIKANER	1	0	0
BUNDI	25	3	35
CHITTAURGARH	0	2	2
CHURU	0	0	0
DAUSA	0	0	0
DHOLPUR	0	0	0
DUNGARPUR	0	0	0
GANGANAGAR	4	2	5
HANUMANGARH	216	47	18
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	42	2	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	3	0	0
UDAIPUR	0	0	0
Total	434	56	98

(f) Madhya Pradesh

District	15 Sep-24 Oct 2022						
	2020	2021	2022				
				PANNA	8	1	0
ALIRAJPUR	0	0	0	RAISEN	73	3	7
ANUPPUR	0	0	0	RAJGARH	7	1	3
ASHOKNAGAR	42	1	5	RATLAM	0	0	0
BALAGHAT	0	0	0	REWA	19	0	1
BARWANI	0	0	0	SAGAR	19	13	14
BETUL	4	1	1	SATNA	40	8	1
BHIND	14	1	7	SEHORE	19	8	25
BHOPAL	12	5	3	SEONI	121	74	26
BURHANPUR	0	0	0	SHAHDOL	0	0	0
CHHATARPUR	4	0	0	SHAJAPUR	5	0	0
CHHINDWARA	15	9	4	SHEOPUR	41	0	3
DAMOH	38	15	13	SHIVPURI	22	0	9
DATIA	127	8	11	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	10	5	4	UMARIA	0	0	0
GUNA	26	2	11	VIDESHA	73	10	16
GWALIOR	115	0	4	WEST NIMAR	16	1	0
HARDA	10	15	4	Total	1179	231	210
HOSHANGABAD	155	28	17				
INDORE	2	0	0				
JABALPUR	36	7	6				
JHABUA	0	0	0				
KATNI	21	0	0				
MANDLA	5	2	0				
MANDSAUR	3	0	0				
MORENA	23	5	3				
NARSHIMAPURA	23	8	12				
NIMACH	0	0	0				

State-wise and date-wise number of paddy residue burning events detected in 2020, 2021 and 2022
(Period: 15 September - 24 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
24-Oct	911	0	1019	57	38	250	63	11	215	0	0	2	20	4	7	150	34	26
Total	14805	6058	5617	1617	1764	1360	733	653	552	7	0	5	434	56	98	1179	231	210

Details of residue burning events in Punjab on 24-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	S-NPP	31.85870	74.75780	13:11:00	D	11.40
2	AMRITSAR	AJNALA	S-NPP	31.87030	74.85880	13:11:00	D	5.20
3	AMRITSAR	AJNALA	S-NPP	31.87390	74.89790	13:11:00	D	2.70
4	AMRITSAR	AJNALA	S-NPP	31.89530	74.82330	13:11:00	D	6.20
5	AMRITSAR	AJNALA	S-NPP	31.92070	74.88300	13:11:00	D	3.80
6	AMRITSAR	AJNALA	S-NPP	31.92630	74.86110	13:11:00	D	1.70
7	AMRITSAR	AJNALA	S-NPP	31.94450	74.84240	13:11:00	D	4.60
8	AMRITSAR	AJNALA	S-NPP	31.95840	74.87310	13:11:00	D	6.60
9	AMRITSAR	AJNALA	S-NPP	31.96020	74.96370	13:11:00	D	17.70
10	AMRITSAR	AJNALA	S-NPP	31.96130	74.96910	13:11:00	D	17.70
11	AMRITSAR	AJNALA	S-NPP	31.96160	74.88940	13:11:00	D	6.90
12	AMRITSAR	AJNALA	S-NPP	31.96220	74.87210	13:11:00	D	4.80
13	AMRITSAR	AJNALA	S-NPP	31.96500	74.96810	13:11:00	D	6.30
14	AMRITSAR	AJNALA	S-NPP	31.96540	74.88840	13:11:00	D	3.20
15	AMRITSAR	AJNALA	S-NPP	31.99820	74.87400	13:11:00	D	7.40
16	AMRITSAR	AJNALA	S-NPP	32.01030	74.91640	13:11:00	D	6.40
17	AMRITSAR	AJNALA	AQUA	31.83200	74.72500	14:01:15	D	14.50
18	AMRITSAR	AJNALA	AQUA	31.86500	74.66200	14:01:15	D	6.90
19	AMRITSAR	AJNALA	AQUA	31.86600	74.67400	14:01:15	D	8.80
20	AMRITSAR	AJNALA	AQUA	31.88200	74.89800	14:01:15	D	10.40
21	AMRITSAR	AJNALA	AQUA	31.95000	74.87300	14:01:15	D	23.80
22	AMRITSAR	AJNALA	AQUA	31.95200	74.88700	14:01:15	D	18.40
23	AMRITSAR	AJNALA	AQUA	31.96700	74.92500	14:01:15	D	35.20
24	AMRITSAR	ATTARI	S-NPP	31.54730	74.67500	13:11:00	D	3.80
25	AMRITSAR	ATTARI	S-NPP	31.58890	74.64030	13:11:00	D	3.30
26	AMRITSAR	ATTARI	S-NPP	31.61360	74.62180	13:11:00	D	4.40
27	AMRITSAR	ATTARI	AQUA	31.54600	74.63400	14:01:15	D	7.20
28	AMRITSAR	ATTARI	AQUA	31.56000	74.92100	14:01:15	D	14.30
29	AMRITSAR	ATTARI	AQUA	31.57300	74.69500	14:01:15	D	6.30
30	AMRITSAR	ATTARI	AQUA	31.59700	74.71000	14:01:15	D	20.20

31	AMRITSAR	ATTARI	AQUA	31.59800	74.72300	14:01:15	D	10.10
32	AMRITSAR	CHOGAWAN	S-NPP	31.65040	74.60370	13:11:00	D	5.10
33	AMRITSAR	CHOGAWAN	S-NPP	31.65090	74.60590	13:11:00	D	4.00
34	AMRITSAR	CHOGAWAN	S-NPP	31.66020	74.57130	13:11:00	D	5.70
35	AMRITSAR	CHOGAWAN	S-NPP	31.81140	74.57650	13:11:00	D	4.60
36	AMRITSAR	CHOGAWAN	S-NPP	31.81310	74.64700	13:11:00	D	3.70
37	AMRITSAR	CHOGAWAN	S-NPP	31.81910	74.61590	13:11:00	D	4.70
38	AMRITSAR	CHOGAWAN	S-NPP	31.85510	74.67700	13:11:00	D	15.60
39	AMRITSAR	CHOGAWAN	AQUA	31.75500	74.58100	14:01:15	D	8.80
40	AMRITSAR	CHOGAWAN	AQUA	31.85600	74.67600	14:01:15	D	7.40
41	AMRITSAR	HARSHA CHHINA	S-NPP	31.72440	74.79560	13:11:00	D	7.50
42	AMRITSAR	HARSHA CHHINA	S-NPP	31.80550	74.69020	13:11:00	D	4.60
43	AMRITSAR	JANDIALA GURU	AQUA	31.53200	75.03300	14:01:15	D	8.40
44	AMRITSAR	JANDIALA GURU	AQUA	31.53300	75.04600	14:01:15	D	7.90
45	AMRITSAR	JANDIALA GURU	AQUA	31.56100	74.93400	14:01:15	D	12.30
46	AMRITSAR	MAJITHA	S-NPP	31.70520	75.05510	13:11:00	D	7.80
47	AMRITSAR	MAJITHA	S-NPP	31.74820	74.97890	13:11:00	D	2.80
48	AMRITSAR	MAJITHA	S-NPP	31.75120	74.89240	13:11:00	D	8.90
49	AMRITSAR	MAJITHA	S-NPP	31.82160	74.93460	13:11:00	D	5.10
50	AMRITSAR	MAJITHA	S-NPP	31.84470	74.95130	13:11:00	D	6.30
51	AMRITSAR	RAYYA	S-NPP	31.50820	75.25020	13:11:00	D	3.70
52	AMRITSAR	RAYYA	S-NPP	31.50860	75.21110	13:11:00	D	7.10
53	AMRITSAR	RAYYA	S-NPP	31.55900	75.27030	13:11:00	D	5.50
54	AMRITSAR	RAYYA	S-NPP	31.55920	75.27420	13:11:00	D	9.80
55	AMRITSAR	RAYYA	S-NPP	31.56000	75.27560	13:11:00	D	6.50
56	AMRITSAR	RAYYA	S-NPP	31.56100	75.28090	13:11:00	D	6.50
57	AMRITSAR	RAYYA	S-NPP	31.56130	75.28470	13:11:00	D	4.90
58	AMRITSAR	RAYYA	S-NPP	31.56270	75.26930	13:11:00	D	5.80
59	AMRITSAR	RAYYA	S-NPP	31.56300	75.27320	13:11:00	D	18.00
60	AMRITSAR	RAYYA	S-NPP	31.56370	75.27460	13:11:00	D	7.20
61	AMRITSAR	RAYYA	S-NPP	31.59890	75.23630	13:11:00	D	3.40
62	AMRITSAR	RAYYA	S-NPP	31.60060	75.22470	13:11:00	D	2.90
63	AMRITSAR	RAYYA	S-NPP	31.60120	75.26890	13:11:00	D	3.20

64	AMRITSAR	RAYYA	S-NPP	31.60850	75.32760	13:11:00	D	4.10
65	AMRITSAR	RAYYA	S-NPP	31.60920	75.31090	13:11:00	D	3.60
66	AMRITSAR	RAYYA	S-NPP	31.63200	75.34890	13:11:00	D	3.70
67	AMRITSAR	RAYYA	S-NPP	31.65380	75.21650	13:11:00	D	3.20
68	AMRITSAR	RAYYA	S-NPP	31.65940	75.24580	13:11:00	D	2.80
69	AMRITSAR	RAYYA	AQUA	31.53200	75.20200	14:01:15	D	8.90
70	AMRITSAR	RAYYA	AQUA	31.59100	75.28400	14:01:15	D	8.00
71	AMRITSAR	RAYYA	AQUA	31.64300	75.29700	14:01:15	D	20.60
72	AMRITSAR	RAYYA	AQUA	31.64400	75.21300	14:01:15	D	17.30
73	AMRITSAR	RAYYA	AQUA	31.64400	75.29000	14:01:15	D	20.90
74	AMRITSAR	RAYYA	AQUA	31.64600	75.22700	14:01:15	D	15.60
75	AMRITSAR	TARSIKKA	S-NPP	31.56590	75.16680	13:11:00	D	3.20
76	AMRITSAR	TARSIKKA	S-NPP	31.58330	75.13430	13:11:00	D	3.90
77	AMRITSAR	TARSIKKA	S-NPP	31.58810	75.13870	13:11:00	D	4.80
78	AMRITSAR	TARSIKKA	S-NPP	31.59010	75.14940	13:11:00	D	5.60
79	AMRITSAR	TARSIKKA	S-NPP	31.66040	75.19010	13:11:00	D	2.00
80	AMRITSAR	TARSIKKA	S-NPP	31.70450	75.13390	13:11:00	D	3.00
81	AMRITSAR	TARSIKKA	AQUA	31.57600	75.14800	14:01:15	D	13.00
82	BARNALA	BARNALA	S-NPP	30.38200	75.59220	13:11:00	D	3.60
83	BARNALA	BARNALA	S-NPP	30.38570	75.59130	13:11:00	D	3.60
84	BARNALA	MAHAL KALAN	S-NPP	30.53220	75.58220	13:11:00	D	7.50
85	BARNALA	MAHAL KALAN	S-NPP	30.53590	75.58130	13:11:00	D	34.00
86	BARNALA	MAHAL KALAN	S-NPP	30.54040	75.64570	13:11:00	D	6.80
87	BARNALA	MAHAL KALAN	S-NPP	30.54100	75.64840	13:11:00	D	6.00
88	BARNALA	MAHAL KALAN	S-NPP	30.55760	75.44870	13:11:00	D	3.90
89	BARNALA	MAHAL KALAN	S-NPP	30.60210	75.47630	13:11:00	D	5.20
90	BARNALA	SEHNA	S-NPP	30.31340	75.33590	13:11:00	D	3.20
91	BARNALA	SEHNA	S-NPP	30.50840	75.37740	13:11:00	D	3.90
92	BATHINDA	BATHINDA	S-NPP	30.12330	74.98060	13:11:00	D	9.40
93	BATHINDA	BATHINDA	S-NPP	30.19530	74.79160	13:11:00	D	2.80
94	BATHINDA	BATHINDA	AQUA	30.13800	75.02500	14:01:15	D	15.10
95	BATHINDA	BHAGTA BHAI KA	S-NPP	30.38590	75.14340	13:11:00	D	5.60
96	BATHINDA	BHAGTA BHAI KA	AQUA	30.40400	75.11900	14:01:15	D	7.70

97	BATHINDA	GONIANA MANDI	S-NPP	30.30910	74.87480	13:11:00	D	8.60
98	BATHINDA	GONIANA MANDI	S-NPP	30.34240	74.87810	13:11:00	D	5.70
99	BATHINDA	GONIANA MANDI	AQUA	30.33200	74.84800	14:01:15	D	22.20
100	BATHINDA	GONIANA MANDI	AQUA	30.34200	74.84600	14:01:15	D	26.40
101	BATHINDA	MAUR	S-NPP	29.99150	75.20010	13:11:00	D	7.90
102	BATHINDA	MAUR	AQUA	30.00200	75.23300	14:01:15	D	7.70
103	BATHINDA	NATHANA	AQUA	30.19700	75.08600	14:01:15	D	15.20
104	BATHINDA	PHUL	S-NPP	30.38720	75.21220	13:11:00	D	4.50
105	BATHINDA	PHUL	S-NPP	30.44930	75.21660	13:11:00	D	53.40
106	BATHINDA	RAMPURA	S-NPP	30.26900	75.35280	13:11:00	D	11.30
107	BATHINDA	RAMPURA	S-NPP	30.27060	75.34930	13:11:00	D	10.30
108	BATHINDA	RAMPURA	S-NPP	30.27160	75.35470	13:11:00	D	9.00
109	BATHINDA	RAMPURA	S-NPP	30.27280	75.35190	13:11:00	D	8.30
110	BATHINDA	SANGAT	AQUA	30.06100	74.79800	14:01:15	D	9.10
111	BATHINDA	TALWANDI SABO	S-NPP	29.81500	75.14780	13:11:00	D	6.10
112	BATHINDA	TALWANDI SABO	S-NPP	29.83220	75.13170	13:11:00	D	2.90
113	BATHINDA	TALWANDI SABO	S-NPP	30.03400	75.02250	13:11:00	D	36.30
114	BATHINDA	TALWANDI SABO	S-NPP	30.07590	75.02950	13:11:00	D	5.80
115	BATHINDA	TALWANDI SABO	AQUA	29.80800	75.14700	14:01:15	D	10.90
116	BATHINDA	TALWANDI SABO	AQUA	29.95900	75.14300	14:01:15	D	8.80
117	BATHINDA	TALWANDI SABO	AQUA	30.01300	75.07600	14:01:15	D	13.60
118	BATHINDA	TALWANDI SABO	AQUA	30.01500	75.08900	14:01:15	D	20.10
119	BATHINDA	TALWANDI SABO	AQUA	30.02900	74.95900	14:01:15	D	16.70
120	FARIDKOT	FARIDKOT	S-NPP	30.65350	74.60360	13:11:00	D	6.50
121	FARIDKOT	FARIDKOT	S-NPP	30.69970	74.65640	13:11:00	D	6.10
122	FARIDKOT	FARIDKOT	S-NPP	30.70480	74.66120	13:11:00	D	6.10
123	FARIDKOT	FARIDKOT	S-NPP	30.70980	74.66590	13:11:00	D	6.80
124	FARIDKOT	FARIDKOT	S-NPP	30.73350	74.59880	13:11:00	D	5.30
125	FARIDKOT	FARIDKOT	S-NPP	30.73740	74.59780	13:11:00	D	4.00
126	FARIDKOT	FARIDKOT	S-NPP	30.75530	74.51080	13:11:00	D	3.20
127	FARIDKOT	FARIDKOT	S-NPP	30.75660	74.50660	13:11:00	D	4.80
128	FARIDKOT	FARIDKOT	S-NPP	30.81840	74.64100	13:11:00	D	7.20
129	FARIDKOT	FARIDKOT	AQUA	30.63000	74.71800	14:01:15	D	7.70

130	FARIDKOT	FARIDKOT	AQUA	30.71000	74.69900	14:01:15	D	7.70
131	FARIDKOT	JAITON	AQUA	30.48900	74.81700	14:01:15	D	16.60
132	FARIDKOT	KOT KAPURA	S-NPP	30.58320	74.73990	13:11:00	D	6.90
133	FARIDKOT	KOT KAPURA	S-NPP	30.58660	74.74280	13:11:00	D	4.60
134	FARIDKOT	KOT KAPURA	AQUA	30.48700	74.80400	14:01:15	D	43.00
135	FARIDKOT	KOT KAPURA	AQUA	30.48900	74.79700	14:01:15	D	9.70
136	FARIDKOT	KOT KAPURA	AQUA	30.49100	74.81000	14:01:15	D	35.30
137	FARIDKOT	KOT KAPURA	AQUA	30.56200	74.82400	14:01:15	D	6.40
138	FATEHGARH SAHIB	AMLOH	S-NPP	30.59420	76.28750	13:11:00	D	2.80
139	FATEHGARH SAHIB	AMLOH	S-NPP	30.61510	76.19550	13:11:00	D	3.90
140	FATEHGARH SAHIB	AMLOH	S-NPP	30.61870	76.19460	13:11:00	D	3.50
141	FATEHGARH SAHIB	AMLOH	S-NPP	30.64720	76.16900	13:11:00	D	3.00
142	FATEHGARH SAHIB	AMLOH	S-NPP	30.67170	76.32110	13:11:00	D	2.60
143	FATEHGARH SAHIB	AMLOH	AQUA	30.55800	76.17200	14:01:15	D	13.90
144	FATEHGARH SAHIB	AMLOH	AQUA	30.61800	76.18800	14:01:15	D	6.90
145	FATEHGARH SAHIB	AMLOH	AQUA	30.64900	76.27500	14:01:15	D	13.00
146	FATEHGARH SAHIB	AMLOH	AQUA	30.68300	76.34000	14:01:15	D	7.00
147	FATEHGARH SAHIB	AMLOH	AQUA	30.71200	76.30500	14:01:15	D	24.70
148	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.65480	76.43420	13:11:00	D	4.30
149	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.66700	76.33560	13:11:00	D	4.70
150	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.66720	76.33730	13:11:00	D	4.30
151	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.66900	76.45070	13:11:00	D	1.40
152	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67080	76.33650	13:11:00	D	3.00
153	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67370	76.41450	13:11:00	D	11.70
154	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67650	76.53360	13:11:00	D	10.50
155	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67720	76.43370	13:11:00	D	17.10
156	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67730	76.53840	13:11:00	D	5.00
157	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67740	76.39350	13:11:00	D	3.90
158	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67790	76.39520	13:11:00	D	5.50
159	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.68410	76.42880	13:11:00	D	13.00
160	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.68410	76.47200	13:11:00	D	9.90
161	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.68960	76.37730	13:11:00	D	15.20
162	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69310	76.41660	13:11:00	D	9.40

163	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69400	76.42140	13:11:00	D	9.40
164	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69520	76.53400	13:11:00	D	8.40
165	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70290	76.42920	13:11:00	D	4.40
166	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71070	76.49220	13:11:00	D	8.30
167	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71690	76.50560	13:11:00	D	2.50
168	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71720	76.44570	13:11:00	D	5.20
169	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71800	76.45050	13:11:00	D	6.60
170	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71990	76.44010	13:11:00	D	11.00
171	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72270	76.41440	13:11:00	D	5.50
172	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.73320	76.45180	13:11:00	D	9.80
173	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.74390	76.46920	13:11:00	D	12.40
174	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.75200	76.45220	13:11:00	D	4.80
175	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.67500	76.46600	14:01:15	D	11.50
176	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.70400	76.43000	14:01:15	D	11.90
177	FATEHGARH SAHIB	KHAMANON	S-NPP	30.74700	76.36320	13:11:00	D	4.30
178	FATEHGARH SAHIB	KHAMANON	S-NPP	30.77420	76.30400	13:11:00	D	9.60
179	FATEHGARH SAHIB	KHAMANON	S-NPP	30.81180	76.36540	13:11:00	D	3.20
180	FATEHGARH SAHIB	KHAMANON	S-NPP	30.82370	76.30710	13:11:00	D	31.20
181	FATEHGARH SAHIB	KHAMANON	S-NPP	30.83250	76.35530	13:11:00	D	7.50
182	FATEHGARH SAHIB	KHAMANON	S-NPP	30.84870	76.32110	13:11:00	D	6.60
183	FATEHGARH SAHIB	KHAMANON	S-NPP	30.84960	76.32600	13:11:00	D	6.60
184	FATEHGARH SAHIB	KHAMANON	AQUA	30.73500	76.31700	14:01:15	D	10.10
185	FATEHGARH SAHIB	KHAMANON	AQUA	30.80100	76.39500	14:01:15	D	9.10
186	FATEHGARH SAHIB	KHAMANON	AQUA	30.83200	76.37500	14:01:15	D	10.20
187	FATEHGARH SAHIB	KHERA	S-NPP	30.57430	76.53140	13:11:00	D	3.50
188	FATEHGARH SAHIB	KHERA	S-NPP	30.57730	76.48580	13:11:00	D	10.80
189	FATEHGARH SAHIB	KHERA	S-NPP	30.58050	76.52490	13:11:00	D	3.40
190	FATEHGARH SAHIB	KHERA	S-NPP	30.58500	76.52880	13:11:00	D	5.60
191	FATEHGARH SAHIB	KHERA	S-NPP	30.58610	76.49360	13:11:00	D	3.50
192	FATEHGARH SAHIB	KHERA	S-NPP	30.58660	76.49070	13:11:00	D	9.10
193	FATEHGARH SAHIB	KHERA	S-NPP	30.58830	76.52020	13:11:00	D	23.80
194	FATEHGARH SAHIB	KHERA	S-NPP	30.59450	76.51370	13:11:00	D	4.90
195	FATEHGARH SAHIB	KHERA	S-NPP	30.59730	76.48810	13:11:00	D	3.00

196	FATEHGARH SAHIB	KHERA	S-NPP	30.59780	76.60000	13:11:00	D	6.30
197	FATEHGARH SAHIB	KHERA	S-NPP	30.59810	76.51280	13:11:00	D	4.90
198	FATEHGARH SAHIB	KHERA	S-NPP	30.60170	76.51190	13:11:00	D	2.30
199	FATEHGARH SAHIB	KHERA	S-NPP	30.61450	76.43900	13:11:00	D	7.60
200	FATEHGARH SAHIB	KHERA	S-NPP	30.61520	76.48380	13:11:00	D	3.80
201	FATEHGARH SAHIB	KHERA	S-NPP	30.61810	76.43810	13:11:00	D	8.80
202	FATEHGARH SAHIB	KHERA	S-NPP	30.62480	76.53620	13:11:00	D	3.90
203	FATEHGARH SAHIB	KHERA	S-NPP	30.62570	76.54090	13:11:00	D	3.50
204	FATEHGARH SAHIB	KHERA	S-NPP	30.63600	76.43370	13:11:00	D	3.20
205	FATEHGARH SAHIB	KHERA	S-NPP	30.63640	76.53840	13:11:00	D	3.00
206	FATEHGARH SAHIB	KHERA	S-NPP	30.63940	76.47290	13:11:00	D	15.10
207	FATEHGARH SAHIB	KHERA	S-NPP	30.64300	76.47200	13:11:00	D	15.10
208	FATEHGARH SAHIB	KHERA	S-NPP	30.65040	76.57460	13:11:00	D	4.10
209	FATEHGARH SAHIB	KHERA	S-NPP	30.66850	76.53060	13:11:00	D	20.60
210	FATEHGARH SAHIB	KHERA	S-NPP	30.67110	76.54480	13:11:00	D	2.50
211	FATEHGARH SAHIB	KHERA	AQUA	30.58300	76.49200	14:01:15	D	13.90
212	FATEHGARH SAHIB	KHERA	AQUA	30.58500	76.48600	14:01:15	D	23.70
213	FATEHGARH SAHIB	KHERA	AQUA	30.63300	76.52600	14:01:15	D	14.40
214	FATEHGARH SAHIB	KHERA	AQUA	30.67100	76.47300	14:01:15	D	13.20
215	FATEHGARH SAHIB	SIRHIND	S-NPP	30.49490	76.48580	13:11:00	D	5.90
216	FATEHGARH SAHIB	SIRHIND	S-NPP	30.50750	76.49270	13:11:00	D	3.80
217	FATEHGARH SAHIB	SIRHIND	S-NPP	30.51100	76.49190	13:11:00	D	13.60
218	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55510	76.44620	13:11:00	D	2.70
219	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55880	76.42520	13:11:00	D	3.30
220	FATEHGARH SAHIB	SIRHIND	S-NPP	30.58060	76.29590	13:11:00	D	3.70
221	FATEHGARH SAHIB	SIRHIND	S-NPP	30.58150	76.30070	13:11:00	D	4.90
222	FATEHGARH SAHIB	SIRHIND	S-NPP	30.58230	76.42670	13:11:00	D	6.90
223	FATEHGARH SAHIB	SIRHIND	S-NPP	30.58760	76.45550	13:11:00	D	19.70
224	FATEHGARH SAHIB	SIRHIND	S-NPP	30.59140	76.35400	13:11:00	D	10.10
225	FATEHGARH SAHIB	SIRHIND	S-NPP	30.60300	76.37640	13:11:00	D	4.60
226	FATEHGARH SAHIB	SIRHIND	S-NPP	30.60310	76.33600	13:11:00	D	6.40
227	FATEHGARH SAHIB	SIRHIND	S-NPP	30.62640	76.36060	13:11:00	D	2.70
228	FATEHGARH SAHIB	SIRHIND	S-NPP	30.63000	76.35980	13:11:00	D	2.70

229	FATEHGARH SAHIB	SIRHIND	AQUA	30.54300	76.32600	14:01:15	D	14.80
230	FATEHGARH SAHIB	SIRHIND	AQUA	30.54500	76.34200	14:01:15	D	20.40
231	FATEHGARH SAHIB	SIRHIND	AQUA	30.60000	76.42100	14:01:15	D	15.60
232	FAZILKA	ABOHAR	S-NPP	30.14220	74.14830	13:11:00	D	2.00
233	FAZILKA	ABOHAR	AQUA	30.20200	74.29900	14:01:15	D	7.00
234	FAZILKA	ARNIWALA SHEIKH SUBANPUR	AQUA	30.40600	74.22900	14:01:15	D	5.50
235	FAZILKA	JALALABAD	S-NPP	30.43460	74.25890	13:11:00	D	4.80
236	FAZILKA	JALALABAD	S-NPP	30.51520	74.26330	13:11:00	D	8.30
237	FAZILKA	JALALABAD	S-NPP	30.58420	74.12460	13:11:00	D	3.00
238	FAZILKA	JALALABAD	AQUA	30.47200	74.33100	14:01:15	D	11.20
239	FAZILKA	KHUIAN SARWAR	S-NPP	30.31450	74.08070	13:11:00	D	2.50
240	FAZILKA	KHUIAN SARWAR	AQUA	30.05200	74.06000	14:01:15	D	16.30
241	FIROZPUR	FIROZPUR	S-NPP	30.96950	74.52460	13:11:00	D	4.30
242	FIROZPUR	FIROZPUR	S-NPP	30.97120	74.52540	13:11:00	D	3.70
243	FIROZPUR	FIROZPUR	S-NPP	30.98190	74.54580	13:11:00	D	4.80
244	FIROZPUR	FIROZPUR	S-NPP	30.98350	74.54660	13:11:00	D	5.10
245	FIROZPUR	FIROZPUR	S-NPP	31.03890	74.68800	13:11:00	D	14.80
246	FIROZPUR	FIROZPUR	AQUA	30.85500	74.62500	14:01:15	D	11.50
247	FIROZPUR	FIROZPUR	AQUA	30.85600	74.63700	14:01:15	D	13.90
248	FIROZPUR	FIROZPUR	AQUA	30.93300	74.51900	14:01:15	D	8.50
249	FIROZPUR	FIROZPUR	AQUA	30.94700	74.64200	14:01:15	D	5.90
250	FIROZPUR	GHALL KHURD	S-NPP	30.90170	74.81700	13:11:00	D	3.40
251	FIROZPUR	GHALL KHURD	S-NPP	30.91700	74.72740	13:11:00	D	5.80
252	FIROZPUR	GHALL KHURD	S-NPP	30.91720	74.72950	13:11:00	D	4.80
253	FIROZPUR	GHALL KHURD	S-NPP	30.97060	74.73120	13:11:00	D	5.70
254	FIROZPUR	GHALL KHURD	AQUA	30.78300	74.88500	14:01:15	D	9.30
255	FIROZPUR	GHALL KHURD	AQUA	30.86100	74.67400	14:01:15	D	6.50
256	FIROZPUR	GHALL KHURD	AQUA	30.88700	74.81000	14:01:15	D	8.30
257	FIROZPUR	GHALL KHURD	AQUA	30.89900	74.74400	14:01:15	D	17.90
258	FIROZPUR	GHALL KHURD	AQUA	31.02400	74.78200	14:01:15	D	9.40
259	FIROZPUR	GURUHAR SAHAI	S-NPP	30.62760	74.25500	13:11:00	D	2.70
260	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67700	74.45950	13:11:00	D	4.90
261	FIROZPUR	GURUHAR SAHAI	S-NPP	30.69120	74.46820	13:11:00	D	7.80

262	FIROZPUR	GURUHAR SAHAI	S-NPP	30.74310	74.36780	13:11:00	D	4.10
263	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76400	74.47140	13:11:00	D	13.60
264	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76510	74.26920	13:11:00	D	2.50
265	FIROZPUR	GURUHAR SAHAI	AQUA	30.67300	74.23700	14:01:15	D	7.20
266	FIROZPUR	GURUHAR SAHAI	AQUA	30.67400	74.24900	14:01:15	D	8.80
267	FIROZPUR	GURUHAR SAHAI	AQUA	30.69000	74.22200	14:01:15	D	18.30
268	FIROZPUR	GURUHAR SAHAI	AQUA	30.69000	74.45300	14:01:15	D	13.00
269	FIROZPUR	GURUHAR SAHAI	AQUA	30.69200	74.23400	14:01:15	D	32.70
270	FIROZPUR	GURUHAR SAHAI	AQUA	30.69500	74.22800	14:01:15	D	20.80
271	FIROZPUR	GURUHAR SAHAI	AQUA	30.70600	74.23800	14:01:15	D	26.90
272	FIROZPUR	GURUHAR SAHAI	AQUA	30.74900	74.35200	14:01:15	D	7.50
273	FIROZPUR	GURUHAR SAHAI	AQUA	30.75000	74.36400	14:01:15	D	6.60
274	FIROZPUR	MAKHU	S-NPP	31.06340	74.81240	13:11:00	D	9.60
275	FIROZPUR	MAKHU	S-NPP	31.06720	74.81130	13:11:00	D	6.60
276	FIROZPUR	MAKHU	S-NPP	31.10160	75.10970	13:11:00	D	4.10
277	FIROZPUR	MAKHU	S-NPP	31.10640	75.11410	13:11:00	D	6.00
278	FIROZPUR	MAKHU	S-NPP	31.11020	75.11310	13:11:00	D	7.90
279	FIROZPUR	MAKHU	AQUA	31.13100	74.81700	14:01:15	D	12.00
280	FIROZPUR	MAKHU	AQUA	31.13100	74.82300	14:01:15	D	8.10
281	FIROZPUR	MAKHU	AQUA	31.13800	75.04500	14:01:15	D	10.20
282	FIROZPUR	MAMDOT	S-NPP	30.78360	74.46620	13:11:00	D	8.50
283	FIROZPUR	MAMDOT	S-NPP	30.78750	74.46520	13:11:00	D	4.20
284	FIROZPUR	MAMDOT	S-NPP	30.79030	74.45820	13:11:00	D	3.10
285	FIROZPUR	MAMDOT	S-NPP	30.80160	74.30590	13:11:00	D	1.50
286	FIROZPUR	MAMDOT	S-NPP	30.92660	74.44490	13:11:00	D	3.90
287	FIROZPUR	MAMDOT	S-NPP	30.93720	74.43580	13:11:00	D	2.10
288	FIROZPUR	MAMDOT	AQUA	30.78600	74.49300	14:01:15	D	6.20
289	FIROZPUR	MAMDOT	AQUA	30.79700	74.34400	14:01:15	D	5.70
290	FIROZPUR	MAMDOT	AQUA	30.81700	74.39500	14:01:15	D	19.90
291	FIROZPUR	MAMDOT	AQUA	30.83800	74.40400	14:01:15	D	9.30
292	FIROZPUR	MAMDOT	AQUA	30.83900	74.41600	14:01:15	D	8.70
293	FIROZPUR	MAMDOT	AQUA	30.84600	74.39000	14:01:15	D	13.70
294	FIROZPUR	MAMDOT	AQUA	30.85000	74.50000	14:01:15	D	9.30

295	FIROZPUR	MAMDOT	AQUA	30.86100	74.43700	14:01:15	D	6.40
296	FIROZPUR	MAMDOT	AQUA	30.86300	74.44900	14:01:15	D	8.50
297	FIROZPUR	ZIRA	S-NPP	30.93450	74.86170	13:11:00	D	4.30
298	FIROZPUR	ZIRA	S-NPP	30.93500	74.85930	13:11:00	D	6.20
299	FIROZPUR	ZIRA	S-NPP	30.93990	74.88970	13:11:00	D	22.80
300	FIROZPUR	ZIRA	S-NPP	30.95970	74.92320	13:11:00	D	4.30
301	FIROZPUR	ZIRA	AQUA	30.93500	74.88000	14:01:15	D	16.90
302	FIROZPUR	ZIRA	AQUA	30.93700	74.89300	14:01:15	D	12.30
303	GURDASPUR	BATALA	S-NPP	31.71730	75.24180	13:11:00	D	14.20
304	GURDASPUR	BATALA	S-NPP	31.74080	75.26330	13:11:00	D	4.40
305	GURDASPUR	BATALA	S-NPP	31.74790	75.15610	13:11:00	D	3.90
306	GURDASPUR	BATALA	S-NPP	31.75390	75.18800	13:11:00	D	3.90
307	GURDASPUR	BATALA	S-NPP	31.77540	75.24060	13:11:00	D	2.50
308	GURDASPUR	BATALA	S-NPP	31.77600	75.24310	13:11:00	D	2.90
309	GURDASPUR	BATALA	S-NPP	31.84650	75.26620	13:11:00	D	3.70
310	GURDASPUR	BATALA	S-NPP	31.86770	75.25520	13:11:00	D	2.80
311	GURDASPUR	BATALA	AQUA	31.76500	75.20300	14:01:15	D	15.60
312	GURDASPUR	BATALA	AQUA	31.86800	75.20800	14:01:15	D	7.30
313	GURDASPUR	DERA BABA NANAK	S-NPP	31.91250	75.11930	13:11:00	D	2.20
314	GURDASPUR	DERA BABA NANAK	S-NPP	31.94920	75.06490	13:11:00	D	4.00
315	GURDASPUR	DERA BABA NANAK	S-NPP	31.95260	75.00530	13:11:00	D	6.50
316	GURDASPUR	DERA BABA NANAK	S-NPP	31.95300	75.00200	13:11:00	D	9.80
317	GURDASPUR	DERA BABA NANAK	S-NPP	31.96270	74.99690	13:11:00	D	5.70
318	GURDASPUR	DERA BABA NANAK	S-NPP	31.96810	74.98420	13:11:00	D	2.10
319	GURDASPUR	DERA BABA NANAK	S-NPP	31.96960	75.01200	13:11:00	D	8.40
320	GURDASPUR	DERA BABA NANAK	S-NPP	31.98380	74.96310	13:11:00	D	2.70
321	GURDASPUR	DERA BABA NANAK	S-NPP	31.98750	74.96210	13:11:00	D	2.70
322	GURDASPUR	DERA BABA NANAK	S-NPP	31.98950	75.07410	13:11:00	D	3.80
323	GURDASPUR	DERA BABA NANAK	S-NPP	32.00190	74.97530	13:11:00	D	6.20
324	GURDASPUR	DERA BABA NANAK	S-NPP	32.00670	75.04160	13:11:00	D	3.00
325	GURDASPUR	DERA BABA NANAK	S-NPP	32.01900	75.04400	13:11:00	D	3.20
326	GURDASPUR	DERA BABA NANAK	S-NPP	32.04200	75.08270	13:11:00	D	3.70
327	GURDASPUR	DERA BABA NANAK	AQUA	31.94200	75.06500	14:01:15	D	14.10

328	GURDASPUR	DERA BABA NANAK	AQUA	31.96000	75.13200	14:01:15	D	7.00
329	GURDASPUR	DERA BABA NANAK	AQUA	31.96800	74.93200	14:01:15	D	12.40
330	GURDASPUR	DERA BABA NANAK	AQUA	32.02200	75.04600	14:01:15	D	20.20
331	GURDASPUR	DHARIWAL	S-NPP	31.86550	75.30520	13:11:00	D	3.40
332	GURDASPUR	DHARIWAL	S-NPP	31.89620	75.21780	13:11:00	D	3.30
333	GURDASPUR	DHARIWAL	S-NPP	31.90290	75.33910	13:11:00	D	3.00
334	GURDASPUR	DHARIWAL	S-NPP	31.90580	75.35470	13:11:00	D	4.80
335	GURDASPUR	DHARIWAL	S-NPP	31.92040	75.28300	13:11:00	D	2.70
336	GURDASPUR	DHARIWAL	S-NPP	31.95240	75.41060	13:11:00	D	9.10
337	GURDASPUR	DHARIWAL	S-NPP	31.98080	75.29460	13:11:00	D	5.70
338	GURDASPUR	DHARIWAL	S-NPP	32.00030	75.29500	13:11:00	D	4.20
339	GURDASPUR	DHARIWAL	S-NPP	32.00130	75.29750	13:11:00	D	5.10
340	GURDASPUR	DHARIWAL	AQUA	31.89700	75.18900	14:01:15	D	9.80
341	GURDASPUR	DORANGALA	S-NPP	32.11100	75.36670	13:11:00	D	2.60
342	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.85270	75.07350	13:11:00	D	2.30
343	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.85340	75.07550	13:11:00	D	1.80
344	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.89370	75.00070	13:11:00	D	2.90
345	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.93200	74.92000	13:11:00	D	20.50
346	GURDASPUR	FATEHGARH CHURIAN	AQUA	31.86400	75.00100	14:01:15	D	8.90
347	GURDASPUR	GURDASPUR	S-NPP	32.06090	75.24370	13:11:00	D	6.00
348	GURDASPUR	GURDASPUR	AQUA	32.05300	75.32200	14:01:15	D	17.20
349	GURDASPUR	GURDASPUR	AQUA	32.06600	75.24900	14:01:15	D	20.00
350	GURDASPUR	KAHNUWAN	S-NPP	31.81560	75.47000	13:11:00	D	2.70
351	GURDASPUR	KAHNUWAN	S-NPP	31.82680	75.40770	13:11:00	D	4.30
352	GURDASPUR	KAHNUWAN	S-NPP	31.84010	75.43670	13:11:00	D	1.30
353	GURDASPUR	KAHNUWAN	S-NPP	31.85290	75.34120	13:11:00	D	3.70
354	GURDASPUR	KAHNUWAN	S-NPP	31.86300	75.33310	13:11:00	D	3.30
355	GURDASPUR	KAHNUWAN	S-NPP	31.89340	75.53560	13:11:00	D	9.00
356	GURDASPUR	KAHNUWAN	S-NPP	31.89400	75.49800	13:11:00	D	5.90
357	GURDASPUR	KAHNUWAN	S-NPP	31.93650	75.46840	13:11:00	D	6.70
358	GURDASPUR	KAHNUWAN	S-NPP	31.94010	75.46750	13:11:00	D	6.70
359	GURDASPUR	KAHNUWAN	S-NPP	31.94600	75.49810	13:11:00	D	10.10
360	GURDASPUR	KAHNUWAN	AQUA	31.83200	75.51900	14:01:15	D	6.40

361	GURDASPUR	KAHNUWAN	AQUA	31.89200	75.51700	14:01:15	D	10.40
362	GURDASPUR	KALANAUR	S-NPP	31.97200	75.14560	13:11:00	D	2.70
363	GURDASPUR	KALANAUR	S-NPP	32.07090	75.15290	13:11:00	D	4.80
364	GURDASPUR	KALANAUR	S-NPP	32.07290	75.16340	13:11:00	D	4.10
365	GURDASPUR	KALANAUR	AQUA	31.94600	75.19000	14:01:15	D	12.90
366	GURDASPUR	KALANAUR	AQUA	32.06400	75.23500	14:01:15	D	11.00
367	GURDASPUR	KALANAUR	AQUA	32.07400	75.23300	14:01:15	D	22.70
368	GURDASPUR	QADIAN	S-NPP	31.73960	75.31860	13:11:00	D	5.60
369	GURDASPUR	QADIAN	S-NPP	31.75580	75.44500	13:11:00	D	7.00
370	GURDASPUR	QADIAN	S-NPP	31.76410	75.34510	13:11:00	D	7.50
371	GURDASPUR	QADIAN	S-NPP	31.76780	75.34410	13:11:00	D	7.50
372	GURDASPUR	QADIAN	S-NPP	31.77540	75.36400	13:11:00	D	3.40
373	GURDASPUR	QADIAN	S-NPP	31.77930	75.38480	13:11:00	D	3.30
374	GURDASPUR	QADIAN	S-NPP	31.78410	75.41070	13:11:00	D	2.10
375	GURDASPUR	QADIAN	S-NPP	31.78510	75.27110	13:11:00	D	12.10
376	GURDASPUR	QADIAN	S-NPP	31.78560	75.27370	13:11:00	D	11.60
377	GURDASPUR	QADIAN	S-NPP	31.78780	75.40970	13:11:00	D	2.10
378	GURDASPUR	QADIAN	S-NPP	31.80460	75.33190	13:11:00	D	9.10
379	GURDASPUR	QADIAN	S-NPP	31.80700	75.38840	13:11:00	D	3.00
380	GURDASPUR	QADIAN	S-NPP	31.80710	75.38570	13:11:00	D	5.90
381	GURDASPUR	QADIAN	S-NPP	31.80830	75.33090	13:11:00	D	3.70
382	GURDASPUR	QADIAN	S-NPP	31.82310	75.32710	13:11:00	D	6.40
383	GURDASPUR	QADIAN	AQUA	31.82300	75.34800	14:01:15	D	11.00
384	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.63570	75.34800	13:11:00	D	3.70
385	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.65130	75.32750	13:11:00	D	3.70
386	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.65220	75.41470	13:11:00	D	5.00
387	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.65970	75.33080	13:11:00	D	4.40
388	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.66060	75.41790	13:11:00	D	2.70
389	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.66780	75.39430	13:11:00	D	13.60
390	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.67300	75.36020	13:11:00	D	12.10
391	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.67710	75.40280	13:11:00	D	2.70
392	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.67850	75.34790	13:11:00	D	3.60
393	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.67870	75.34530	13:11:00	D	1.80

394	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.69080	75.28730	13:11:00	D	3.00
395	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.69300	75.42590	13:11:00	D	2.50
396	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.69580	75.37360	13:11:00	D	2.60
397	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.69630	75.27490	13:11:00	D	3.50
398	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.69660	75.29680	13:11:00	D	2.20
399	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.69670	75.42490	13:11:00	D	2.50
400	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70240	75.38830	13:11:00	D	5.90
401	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70770	75.29390	13:11:00	D	8.10
402	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70800	75.44370	13:11:00	D	3.00
403	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70910	75.26050	13:11:00	D	3.00
404	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70960	75.44610	13:11:00	D	4.10
405	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.71530	75.45540	13:11:00	D	2.00
406	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72460	75.46390	13:11:00	D	11.00
407	GURDASPUR	SRI HARGOBINDPUR	AQUA	31.67200	75.36300	14:01:15	D	8.50
408	GURDASPUR	SRI HARGOBINDPUR	AQUA	31.74900	75.49400	14:01:15	D	7.80
409	HOSHIARPUR	DASUYA	S-NPP	31.74150	75.59330	13:11:00	D	5.40
410	HOSHIARPUR	DASUYA	S-NPP	31.74520	75.59240	13:11:00	D	5.40
411	HOSHIARPUR	DASUYA	S-NPP	31.75790	75.57850	13:11:00	D	3.70
412	HOSHIARPUR	GARH SHANKAR	S-NPP	31.13530	76.18030	13:11:00	D	9.00
413	HOSHIARPUR	GARH SHANKAR	S-NPP	31.23250	76.05090	13:11:00	D	6.70
414	HOSHIARPUR	TANDA	S-NPP	31.60700	75.58950	13:11:00	D	11.30
415	HOSHIARPUR	TANDA	S-NPP	31.61060	75.58860	13:11:00	D	11.30
416	HOSHIARPUR	TANDA	S-NPP	31.63990	75.57400	13:11:00	D	8.40
417	HOSHIARPUR	TANDA	S-NPP	31.69590	75.56500	13:11:00	D	6.40
418	HOSHIARPUR	TANDA	S-NPP	31.69750	75.53250	13:11:00	D	2.40
419	HOSHIARPUR	TANDA	S-NPP	31.70810	75.60990	13:11:00	D	30.70
420	HOSHIARPUR	TANDA	S-NPP	31.72340	75.56860	13:11:00	D	13.60
421	HOSHIARPUR	TANDA	S-NPP	31.72480	75.56560	13:11:00	D	9.00
422	HOSHIARPUR	TANDA	S-NPP	31.72570	75.57070	13:11:00	D	9.00
423	HOSHIARPUR	TANDA	S-NPP	31.72710	75.56770	13:11:00	D	9.10
424	HOSHIARPUR	TANDA	S-NPP	31.72840	75.56470	13:11:00	D	3.50
425	HOSHIARPUR	TANDA	S-NPP	31.73580	75.56280	13:11:00	D	8.60
426	HOSHIARPUR	TANDA	AQUA	31.69800	75.60300	14:01:15	D	12.00

427	HOSHIARPUR	TANDA	AQUA	31.72600	75.57000	14:01:15	D	21.40
428	JALANDHAR	ADAMPUR	S-NPP	31.36430	75.74700	13:11:00	D	5.00
429	JALANDHAR	BHOGPUR	AQUA	31.58400	75.59900	14:01:15	D	41.20
430	JALANDHAR	BHOGPUR	AQUA	31.58900	75.60300	14:01:15	D	77.00
431	JALANDHAR	JALANDHAR EAST	S-NPP	31.22200	75.69550	13:11:00	D	3.70
432	JALANDHAR	JALANDHAR EAST	S-NPP	31.35030	75.71350	13:11:00	D	3.50
433	JALANDHAR	JALANDHAR WEST	S-NPP	31.43620	75.54990	13:11:00	D	9.00
434	JALANDHAR	JALANDHAR WEST	S-NPP	31.46900	75.49830	13:11:00	D	1.90
435	JALANDHAR	JALANDHAR WEST	S-NPP	31.47060	75.58940	13:11:00	D	2.60
436	JALANDHAR	JALANDHAR WEST	AQUA	31.46000	75.55800	14:01:15	D	11.90
437	JALANDHAR	LOHIAN	S-NPP	31.08930	75.16000	13:11:00	D	25.30
438	JALANDHAR	LOHIAN	S-NPP	31.09140	75.17080	13:11:00	D	30.90
439	JALANDHAR	LOHIAN	S-NPP	31.12880	75.24950	13:11:00	D	5.50
440	JALANDHAR	LOHIAN	S-NPP	31.14480	75.25100	13:11:00	D	4.50
441	JALANDHAR	LOHIAN	S-NPP	31.14590	75.25630	13:11:00	D	4.50
442	JALANDHAR	LOHIAN	AQUA	31.07400	75.19700	14:01:15	D	11.90
443	JALANDHAR	LOHIAN	AQUA	31.11200	75.17000	14:01:15	D	7.70
444	JALANDHAR	MEHATPUR	S-NPP	31.00880	75.41830	13:11:00	D	3.40
445	JALANDHAR	MEHATPUR	S-NPP	31.01440	75.51020	13:11:00	D	12.00
446	JALANDHAR	MEHATPUR	S-NPP	31.05560	75.43670	13:11:00	D	4.00
447	JALANDHAR	MEHATPUR	AQUA	30.99900	75.41900	14:01:15	D	13.80
448	JALANDHAR	MEHATPUR	AQUA	31.01200	75.44500	14:01:15	D	28.20
449	JALANDHAR	MEHATPUR	AQUA	31.01400	75.45900	14:01:15	D	8.10
450	JALANDHAR	NAKODAR	S-NPP	31.16980	75.48240	13:11:00	D	4.60
451	JALANDHAR	NAKODAR	S-NPP	31.16990	75.48430	13:11:00	D	2.70
452	JALANDHAR	NAKODAR	S-NPP	31.18530	75.46200	13:11:00	D	2.90
453	JALANDHAR	NAKODAR	S-NPP	31.21700	75.38250	13:11:00	D	7.40
454	JALANDHAR	NAKODAR	S-NPP	31.22080	75.38150	13:11:00	D	7.40
455	JALANDHAR	NAKODAR	AQUA	31.07300	75.45800	14:01:15	D	9.90
456	JALANDHAR	PHILLAUR	S-NPP	31.01950	75.76220	13:11:00	D	6.30
457	JALANDHAR	PHILLAUR	AQUA	31.02800	75.85700	14:01:15	D	18.40
458	JALANDHAR	RURKA KALAN	S-NPP	31.12290	75.62640	13:11:00	D	3.80
459	JALANDHAR	RURKA KALAN	S-NPP	31.15750	75.68730	13:11:00	D	10.30

460	JALANDHAR	RURKA KALAN	AQUA	31.19100	75.68900	14:01:15	D	10.00
461	JALANDHAR	SHAHKOT	S-NPP	30.99130	75.36740	13:11:00	D	5.40
462	JALANDHAR	SHAHKOT	S-NPP	31.01680	75.37750	13:11:00	D	12.80
463	JALANDHAR	SHAHKOT	S-NPP	31.02050	75.37650	13:11:00	D	51.20
464	JALANDHAR	SHAHKOT	S-NPP	31.02700	75.36930	13:11:00	D	2.60
465	JALANDHAR	SHAHKOT	S-NPP	31.02750	75.37210	13:11:00	D	4.00
466	JALANDHAR	SHAHKOT	S-NPP	31.02820	75.31330	13:11:00	D	1.60
467	JALANDHAR	SHAHKOT	S-NPP	31.02850	75.31630	13:11:00	D	2.40
468	JALANDHAR	SHAHKOT	S-NPP	31.03660	75.29750	13:11:00	D	7.20
469	JALANDHAR	SHAHKOT	S-NPP	31.04040	75.29650	13:11:00	D	7.20
470	JALANDHAR	SHAHKOT	S-NPP	31.04450	75.31780	13:11:00	D	3.80
471	JALANDHAR	SHAHKOT	S-NPP	31.05980	75.27470	13:11:00	D	3.10
472	JALANDHAR	SHAHKOT	S-NPP	31.10130	75.34770	13:11:00	D	13.00
473	JALANDHAR	SHAHKOT	S-NPP	31.10230	75.35300	13:11:00	D	13.00
474	JALANDHAR	SHAHKOT	S-NPP	31.14560	75.37510	13:11:00	D	27.30
475	JALANDHAR	SHAHKOT	AQUA	31.02700	75.32700	14:01:15	D	10.20
476	JALANDHAR	SHAHKOT	AQUA	31.10000	75.32900	14:01:15	D	39.20
477	JALANDHAR	SHAHKOT	AQUA	31.10000	75.33600	14:01:15	D	35.60
478	JALANDHAR	SHAHKOT	AQUA	31.10100	75.34300	14:01:15	D	24.70
479	KAPURTHALA	DHILWAN	S-NPP	31.37140	75.27110	13:11:00	D	6.10
480	KAPURTHALA	DHILWAN	S-NPP	31.37410	75.20350	13:11:00	D	7.10
481	KAPURTHALA	DHILWAN	S-NPP	31.39010	75.20490	13:11:00	D	2.90
482	KAPURTHALA	DHILWAN	S-NPP	31.40560	75.30660	13:11:00	D	2.90
483	KAPURTHALA	DHILWAN	S-NPP	31.47930	75.40860	13:11:00	D	2.80
484	KAPURTHALA	DHILWAN	S-NPP	31.48300	75.40760	13:11:00	D	2.80
485	KAPURTHALA	DHILWAN	AQUA	31.42100	75.21300	14:01:15	D	43.80
486	KAPURTHALA	DHILWAN	AQUA	31.42200	75.22600	14:01:15	D	9.60
487	KAPURTHALA	DHILWAN	AQUA	31.44400	75.23700	14:01:15	D	19.50
488	KAPURTHALA	DHILWAN	AQUA	31.46400	75.32400	14:01:15	D	12.30
489	KAPURTHALA	DHILWAN	AQUA	31.46500	75.33000	14:01:15	D	9.50
490	KAPURTHALA	DHILWAN	AQUA	31.50800	75.44300	14:01:15	D	15.40
491	KAPURTHALA	KAPURTHALA	S-NPP	31.28520	75.32930	13:11:00	D	8.40
492	KAPURTHALA	KAPURTHALA	S-NPP	31.32110	75.35320	13:11:00	D	9.10

493	KAPURTHALA	KAPURTHALA	S-NPP	31.32770	75.28500	13:11:00	D	10.90
494	KAPURTHALA	KAPURTHALA	S-NPP	31.33750	75.31580	13:11:00	D	3.10
495	KAPURTHALA	KAPURTHALA	S-NPP	31.34040	75.33160	13:11:00	D	3.40
496	KAPURTHALA	KAPURTHALA	S-NPP	31.36380	75.43550	13:11:00	D	1.00
497	KAPURTHALA	KAPURTHALA	S-NPP	31.42030	75.36350	13:11:00	D	3.80
498	KAPURTHALA	KAPURTHALA	S-NPP	31.42130	75.36870	13:11:00	D	3.80
499	KAPURTHALA	KAPURTHALA	S-NPP	31.42400	75.36250	13:11:00	D	3.50
500	KAPURTHALA	KAPURTHALA	AQUA	31.28800	75.29400	14:01:15	D	19.90
501	KAPURTHALA	KAPURTHALA	AQUA	31.31600	75.35900	14:01:15	D	24.20
502	KAPURTHALA	KAPURTHALA	AQUA	31.31800	75.28900	14:01:15	D	7.60
503	KAPURTHALA	KAPURTHALA	AQUA	31.32700	75.27400	14:01:15	D	34.20
504	KAPURTHALA	KAPURTHALA	AQUA	31.32800	75.37100	14:01:15	D	6.50
505	KAPURTHALA	KAPURTHALA	AQUA	31.32900	75.28800	14:01:15	D	22.70
506	KAPURTHALA	KAPURTHALA	AQUA	31.33200	75.31500	14:01:15	D	24.80
507	KAPURTHALA	KAPURTHALA	AQUA	31.33300	75.32900	14:01:15	D	11.20
508	KAPURTHALA	KAPURTHALA	AQUA	31.33500	75.34200	14:01:15	D	10.00
509	KAPURTHALA	KAPURTHALA	AQUA	31.40000	75.29900	14:01:15	D	12.60
510	KAPURTHALA	KAPURTHALA	AQUA	31.40100	75.31200	14:01:15	D	16.50
511	KAPURTHALA	KAPURTHALA	AQUA	31.41800	75.36600	14:01:15	D	20.80
512	KAPURTHALA	KAPURTHALA	AQUA	31.43000	75.37800	14:01:15	D	8.90
513	KAPURTHALA	NADALA	S-NPP	31.49100	75.50640	13:11:00	D	3.40
514	KAPURTHALA	NADALA	S-NPP	31.54820	75.39940	13:11:00	D	5.50
515	KAPURTHALA	NADALA	S-NPP	31.56100	75.59060	13:11:00	D	5.20
516	KAPURTHALA	NADALA	S-NPP	31.57360	75.55520	13:11:00	D	7.30
517	KAPURTHALA	NADALA	S-NPP	31.58670	75.58400	13:11:00	D	4.20
518	KAPURTHALA	NADALA	S-NPP	31.59580	75.42360	13:11:00	D	4.70
519	KAPURTHALA	NADALA	S-NPP	31.59610	75.44530	13:11:00	D	2.70
520	KAPURTHALA	NADALA	S-NPP	31.59690	75.59740	13:11:00	D	4.30
521	KAPURTHALA	NADALA	S-NPP	31.59960	75.59140	13:11:00	D	4.60
522	KAPURTHALA	NADALA	S-NPP	31.60130	75.55890	13:11:00	D	13.20
523	KAPURTHALA	NADALA	S-NPP	31.60220	75.56400	13:11:00	D	13.20
524	KAPURTHALA	NADALA	S-NPP	31.61280	75.45180	13:11:00	D	2.70
525	KAPURTHALA	NADALA	S-NPP	31.61400	75.47850	13:11:00	D	5.60

526	KAPURTHALA	NADALA	S-NPP	31.61500	75.48370	13:11:00	D	2.20
527	KAPURTHALA	NADALA	S-NPP	31.62610	75.48090	13:11:00	D	12.00
528	KAPURTHALA	NADALA	S-NPP	31.64920	75.48030	13:11:00	D	4.90
529	KAPURTHALA	NADALA	AQUA	31.48600	75.51100	14:01:15	D	9.60
530	KAPURTHALA	NADALA	AQUA	31.49400	75.50300	14:01:15	D	9.40
531	KAPURTHALA	NADALA	AQUA	31.54200	75.46700	14:01:15	D	20.30
532	KAPURTHALA	NADALA	AQUA	31.58400	75.49800	14:01:15	D	19.80
533	KAPURTHALA	NADALA	AQUA	31.64200	75.54600	14:01:15	D	10.30
534	KAPURTHALA	PHAGWARA	S-NPP	31.30060	75.82900	13:11:00	D	5.40
535	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.16190	75.25780	13:11:00	D	4.60
536	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.16900	75.10930	13:11:00	D	3.70
537	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.17860	75.18040	13:11:00	D	26.90
538	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.20840	75.17590	13:11:00	D	2.90
539	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.21340	75.14070	13:11:00	D	2.30
540	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.22710	75.20730	13:11:00	D	10.10
541	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.23760	75.22460	13:11:00	D	4.90
542	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.25360	75.16420	13:11:00	D	2.10
543	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.30620	75.21240	13:11:00	D	2.20
544	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.31390	75.15730	13:11:00	D	24.60
545	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.31580	75.15940	13:11:00	D	24.30
546	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.31800	75.25410	13:11:00	D	5.20
547	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.31810	75.19250	13:11:00	D	2.20
548	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.33670	75.27450	13:11:00	D	7.10
549	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.33800	75.27680	13:11:00	D	3.60
550	KAPURTHALA	SULTANPUR LODHI	AQUA	31.17300	75.18200	14:01:15	D	7.80
551	KAPURTHALA	SULTANPUR LODHI	AQUA	31.17500	75.18700	14:01:15	D	13.80
552	KAPURTHALA	SULTANPUR LODHI	AQUA	31.20300	75.17700	14:01:15	D	16.10
553	KAPURTHALA	SULTANPUR LODHI	AQUA	31.22800	75.21400	14:01:15	D	23.40
554	KAPURTHALA	SULTANPUR LODHI	AQUA	31.24000	75.14400	14:01:15	D	13.30
555	KAPURTHALA	SULTANPUR LODHI	AQUA	31.24200	75.15800	14:01:15	D	12.60
556	KAPURTHALA	SULTANPUR LODHI	AQUA	31.27100	75.23500	14:01:15	D	24.50
557	KAPURTHALA	SULTANPUR LODHI	AQUA	31.27200	75.24200	14:01:15	D	21.50
558	KAPURTHALA	SULTANPUR LODHI	AQUA	31.32600	75.17800	14:01:15	D	9.40

559	LUDHIANA	DORAHA	S-NPP	30.74740	75.99730	13:11:00	D	3.60
560	LUDHIANA	DORAHA	S-NPP	30.74840	76.02310	13:11:00	D	7.10
561	LUDHIANA	DORAHA	S-NPP	30.83670	76.04790	13:11:00	D	2.70
562	LUDHIANA	DORAHA	S-NPP	30.83950	76.04940	13:11:00	D	4.30
563	LUDHIANA	JAGRAON	S-NPP	30.58840	75.42420	13:11:00	D	39.00
564	LUDHIANA	JAGRAON	S-NPP	30.60140	75.41380	13:11:00	D	3.00
565	LUDHIANA	JAGRAON	S-NPP	30.60240	75.41500	13:11:00	D	3.30
566	LUDHIANA	JAGRAON	S-NPP	30.69640	75.39520	13:11:00	D	6.20
567	LUDHIANA	JAGRAON	AQUA	30.70000	75.48500	14:01:15	D	22.90
568	LUDHIANA	JAGRAON	AQUA	30.74900	75.46300	14:01:15	D	9.50
569	LUDHIANA	JAGRAON	AQUA	30.74900	75.47000	14:01:15	D	20.20
570	LUDHIANA	JAGRAON	AQUA	30.75100	75.47700	14:01:15	D	18.50
571	LUDHIANA	JAGRAON	AQUA	30.78500	75.50600	14:01:15	D	9.50
572	LUDHIANA	JAGRAON	AQUA	30.80600	75.60100	14:01:15	D	15.70
573	LUDHIANA	JAGRAON	AQUA	30.81700	75.51500	14:01:15	D	57.70
574	LUDHIANA	KHANNA	S-NPP	30.67420	76.06940	13:11:00	D	5.70
575	LUDHIANA	KHANNA	AQUA	30.71000	76.29000	14:01:15	D	21.10
576	LUDHIANA	LUDHIANA-1	S-NPP	30.83550	75.96710	13:11:00	D	12.20
577	LUDHIANA	LUDHIANA-2	S-NPP	30.95450	76.01780	13:11:00	D	5.20
578	LUDHIANA	LUDHIANA-2	S-NPP	30.95630	76.00700	13:11:00	D	6.60
579	LUDHIANA	LUDHIANA-2	S-NPP	30.95990	76.00610	13:11:00	D	14.50
580	LUDHIANA	LUDHIANA-2	S-NPP	30.96630	75.99930	13:11:00	D	3.90
581	LUDHIANA	LUDHIANA-2	AQUA	30.95100	75.99400	14:01:15	D	13.40
582	LUDHIANA	LUDHIANA-2	AQUA	30.95200	76.00900	14:01:15	D	14.80
583	LUDHIANA	LUDHIANA-2	AQUA	30.95200	76.09900	14:01:15	D	29.60
584	LUDHIANA	MACHHIWARA	S-NPP	30.81380	76.27410	13:11:00	D	5.00
585	LUDHIANA	MACHHIWARA	S-NPP	30.83460	76.24360	13:11:00	D	3.60
586	LUDHIANA	MACHHIWARA	S-NPP	30.83820	76.24270	13:11:00	D	12.40
587	LUDHIANA	MACHHIWARA	S-NPP	30.84180	76.24180	13:11:00	D	12.40
588	LUDHIANA	MACHHIWARA	S-NPP	30.86710	76.21720	13:11:00	D	3.20
589	LUDHIANA	MACHHIWARA	S-NPP	30.87240	76.16480	13:11:00	D	6.30
590	LUDHIANA	MACHHIWARA	S-NPP	30.87340	76.23090	13:11:00	D	2.90
591	LUDHIANA	MACHHIWARA	S-NPP	30.87940	76.28330	13:11:00	D	2.50

592	LUDHIANA	MACHHIWARA	S-NPP	30.92010	76.25990	13:11:00	D	13.90
593	LUDHIANA	MACHHIWARA	S-NPP	30.93550	76.24090	13:11:00	D	2.60
594	LUDHIANA	MACHHIWARA	S-NPP	30.95320	76.31740	13:11:00	D	6.40
595	LUDHIANA	MACHHIWARA	S-NPP	30.95680	76.31660	13:11:00	D	6.40
596	LUDHIANA	MACHHIWARA	S-NPP	30.95800	76.22010	13:11:00	D	2.60
597	LUDHIANA	MACHHIWARA	S-NPP	30.99560	76.21800	13:11:00	D	6.70
598	LUDHIANA	MACHHIWARA	AQUA	30.85800	76.27100	14:01:15	D	10.90
599	LUDHIANA	MACHHIWARA	AQUA	30.96800	76.24900	14:01:15	D	9.20
600	LUDHIANA	MACHHIWARA	AQUA	30.98300	76.18600	14:01:15	D	8.80
601	LUDHIANA	MACHHIWARA	AQUA	30.98600	76.21600	14:01:15	D	11.70
602	LUDHIANA	PAKHOWAL	S-NPP	30.71160	75.70390	13:11:00	D	5.90
603	LUDHIANA	PAKHOWAL	S-NPP	30.71530	75.70300	13:11:00	D	5.80
604	LUDHIANA	PAKHOWAL	S-NPP	30.74520	75.73850	13:11:00	D	2.20
605	LUDHIANA	RAIKOT	S-NPP	30.64310	75.67420	13:11:00	D	2.30
606	LUDHIANA	RAIKOT	S-NPP	30.65980	75.55390	13:11:00	D	5.10
607	LUDHIANA	RAIKOT	AQUA	30.60200	75.50600	14:01:15	D	7.40
608	LUDHIANA	SAMRALA	S-NPP	30.75540	76.30570	13:11:00	D	3.90
609	LUDHIANA	SAMRALA	S-NPP	30.78230	76.24630	13:11:00	D	7.30
610	LUDHIANA	SAMRALA	S-NPP	30.78330	76.25110	13:11:00	D	7.30
611	LUDHIANA	SAMRALA	S-NPP	30.78500	76.17930	13:11:00	D	1.40
612	LUDHIANA	SAMRALA	S-NPP	30.79770	76.16590	13:11:00	D	3.70
613	LUDHIANA	SAMRALA	S-NPP	30.80040	76.18060	13:11:00	D	5.10
614	LUDHIANA	SAMRALA	S-NPP	30.80040	76.22150	13:11:00	D	11.00
615	LUDHIANA	SAMRALA	AQUA	30.81000	76.17800	14:01:15	D	8.60
616	LUDHIANA	SIDHWAN BET	S-NPP	30.85780	75.54750	13:11:00	D	4.60
617	LUDHIANA	SIDHWAN BET	S-NPP	30.87060	75.53330	13:11:00	D	2.30
618	LUDHIANA	SIDHWAN BET	S-NPP	30.88650	75.61640	13:11:00	D	6.50
619	LUDHIANA	SIDHWAN BET	S-NPP	30.88800	75.50150	13:11:00	D	4.40
620	LUDHIANA	SIDHWAN BET	S-NPP	30.90170	75.47060	13:11:00	D	2.60
621	LUDHIANA	SIDHWAN BET	S-NPP	30.90960	75.51250	13:11:00	D	6.60
622	LUDHIANA	SIDHWAN BET	S-NPP	30.91280	75.46770	13:11:00	D	10.10
623	LUDHIANA	SIDHWAN BET	S-NPP	30.92580	75.45340	13:11:00	D	8.30
624	LUDHIANA	SIDHWAN BET	S-NPP	30.93890	75.38080	13:11:00	D	5.10

625	LUDHIANA	SIDHWAN BET	S-NPP	30.94840	75.45020	13:11:00	D	33.50
626	LUDHIANA	SIDHWAN BET	AQUA	30.86000	75.55900	14:01:15	D	18.00
627	LUDHIANA	SIDHWAN BET	AQUA	30.87400	75.50100	14:01:15	D	7.50
628	LUDHIANA	SIDHWAN BET	AQUA	30.88900	75.54100	14:01:15	D	7.50
629	LUDHIANA	SIDHWAN BET	AQUA	30.90500	75.49600	14:01:15	D	6.70
630	LUDHIANA	SIDHWAN BET	AQUA	30.92100	75.45200	14:01:15	D	10.40
631	LUDHIANA	SIDHWAN BET	AQUA	30.94800	75.42700	14:01:15	D	6.20
632	LUDHIANA	SIDHWAN BET	AQUA	30.96200	75.37000	14:01:15	D	7.90
633	LUDHIANA	SUDHAR	S-NPP	30.78550	75.68240	13:11:00	D	12.90
634	LUDHIANA	SUDHAR	S-NPP	30.78650	75.68760	13:11:00	D	12.90
635	LUDHIANA	SUDHAR	AQUA	30.80200	75.65800	14:01:15	D	30.90
636	MANSA	BHIKHI	S-NPP	30.12270	75.46160	13:11:00	D	5.40
637	MANSA	BUDHLADA	S-NPP	29.84320	75.69510	13:11:00	D	6.30
638	MANSA	BUDHLADA	S-NPP	29.85100	75.71520	13:11:00	D	8.30
639	MANSA	BUDHLADA	S-NPP	29.86700	75.49710	13:11:00	D	3.10
640	MANSA	JHUNIR	S-NPP	29.82150	75.22220	13:11:00	D	2.90
641	MANSA	MANSA	S-NPP	29.99150	75.36710	13:11:00	D	9.40
642	MANSA	SARDULGARH	S-NPP	29.66620	75.30000	13:11:00	D	1.60
643	MANSA	SARDULGARH	S-NPP	29.67010	75.29900	13:11:00	D	3.20
644	MANSA	SARDULGARH	S-NPP	29.68140	75.23210	13:11:00	D	3.00
645	MANSA	SARDULGARH	S-NPP	29.69490	75.21580	13:11:00	D	5.80
646	MANSA	SARDULGARH	AQUA	29.59700	75.26400	14:01:15	D	6.10
647	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.86490	75.38040	13:11:00	D	3.40
648	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.89430	75.32820	13:11:00	D	12.40
649	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.92560	75.34810	13:11:00	D	2.60
650	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.94740	75.26130	13:11:00	D	3.10
651	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.94840	75.26660	13:11:00	D	3.10
652	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.97330	75.35530	13:11:00	D	13.50
653	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.97500	75.34380	13:11:00	D	4.60
654	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.02280	75.20550	13:11:00	D	3.00
655	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.94800	75.24900	14:01:15	D	17.00
656	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.96100	75.35600	14:01:15	D	12.60
657	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	31.04400	75.20100	14:01:15	D	23.70

658	MOGA	MOGA-1	S-NPP	30.71270	75.34360	13:11:00	D	6.40
659	MOGA	MOGA-1	S-NPP	30.74310	75.23430	13:11:00	D	2.90
660	MOGA	MOGA-1	S-NPP	30.75830	75.23040	13:11:00	D	5.50
661	MOGA	MOGA-1	S-NPP	30.76210	75.22950	13:11:00	D	5.50
662	MOGA	MOGA-1	S-NPP	30.78910	75.26780	13:11:00	D	6.10
663	MOGA	MOGA-1	S-NPP	30.79130	75.26470	13:11:00	D	6.00
664	MOGA	MOGA-1	S-NPP	30.83610	75.16810	13:11:00	D	9.60
665	MOGA	MOGA-1	AQUA	30.73300	75.32200	14:01:15	D	15.60
666	MOGA	MOGA-1	AQUA	30.73700	75.36200	14:01:15	D	11.60
667	MOGA	MOGA-1	AQUA	30.79200	75.29900	14:01:15	D	8.30
668	MOGA	MOGA-2	S-NPP	30.80180	75.11410	13:11:00	D	16.60
669	MOGA	MOGA-2	AQUA	30.76200	75.13000	14:01:15	D	23.20
670	MOGA	NIHAL SINGH	S-NPP	30.56740	75.33420	13:11:00	D	6.20
671	MOGA	NIHAL SINGH	S-NPP	30.57640	75.29800	13:11:00	D	4.40
672	MOGA	NIHAL SINGH	S-NPP	30.57850	75.29610	13:11:00	D	3.40
673	MOGA	NIHAL SINGH	S-NPP	30.58030	75.38150	13:11:00	D	3.50
674	MOGA	NIHAL SINGH	S-NPP	30.59340	75.33180	13:11:00	D	24.10
675	MOGA	NIHAL SINGH	S-NPP	30.60610	75.35670	13:11:00	D	21.30
676	MOGA	NIHAL SINGH	S-NPP	30.64690	75.30120	13:11:00	D	6.80
677	MOGA	NIHAL SINGH	AQUA	30.59300	75.34300	14:01:15	D	32.10
678	MOGA	NIHAL SINGH	AQUA	30.70600	75.36000	14:01:15	D	6.70
679	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.17160	74.56700	13:11:00	D	3.30
680	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.37400	74.79550	13:11:00	D	8.50
681	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.37460	74.79160	13:11:00	D	11.10
682	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.37790	74.79440	13:11:00	D	8.50
683	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.27300	74.71300	14:01:15	D	14.70
684	MUKTSAR	LAMBI	S-NPP	30.04480	74.54170	13:11:00	D	7.80
685	MUKTSAR	MALOUT	S-NPP	30.28950	74.46130	13:11:00	D	4.10
686	MUKTSAR	MALOUT	AQUA	30.28500	74.45900	14:01:15	D	10.30
687	MUKTSAR	MUKTSAR	S-NPP	30.45810	74.41820	13:11:00	D	3.60
688	MUKTSAR	MUKTSAR	S-NPP	30.63190	74.53550	13:11:00	D	29.00
689	MUKTSAR	MUKTSAR	AQUA	30.45700	74.37000	14:01:15	D	5.50
690	PATIALA	BHUNARHERI	S-NPP	30.13540	76.51880	13:11:00	D	1.60

691	PATIALA	BHUNARHERI	S-NPP	30.14620	76.51620	13:11:00	D	3.60
692	PATIALA	BHUNARHERI	S-NPP	30.15340	76.51450	13:11:00	D	3.70
693	PATIALA	BHUNARHERI	S-NPP	30.16680	76.54340	13:11:00	D	3.30
694	PATIALA	BHUNARHERI	S-NPP	30.17400	76.54170	13:11:00	D	2.80
695	PATIALA	BHUNARHERI	S-NPP	30.17760	76.54080	13:11:00	D	4.30
696	PATIALA	BHUNARHERI	S-NPP	30.17780	76.48060	13:11:00	D	7.20
697	PATIALA	BHUNARHERI	S-NPP	30.18270	76.60940	13:11:00	D	4.70
698	PATIALA	BHUNARHERI	S-NPP	30.21590	76.58650	13:11:00	D	4.50
699	PATIALA	BHUNARHERI	S-NPP	30.21680	76.59130	13:11:00	D	7.90
700	PATIALA	BHUNARHERI	S-NPP	30.21950	76.58560	13:11:00	D	4.50
701	PATIALA	BHUNARHERI	S-NPP	30.23100	76.60780	13:11:00	D	2.50
702	PATIALA	BHUNARHERI	S-NPP	30.26090	76.54580	13:11:00	D	4.50
703	PATIALA	BHUNARHERI	S-NPP	30.27050	76.57830	13:11:00	D	7.20
704	PATIALA	BHUNARHERI	AQUA	30.10300	76.48400	14:01:15	D	8.30
705	PATIALA	BHUNARHERI	AQUA	30.27200	76.55600	14:01:15	D	16.40
706	PATIALA	GHANAUR	S-NPP	30.32260	76.67650	13:11:00	D	2.70
707	PATIALA	GHANAUR	S-NPP	30.33060	76.67950	13:11:00	D	4.40
708	PATIALA	GHANAUR	S-NPP	30.34320	76.66660	13:11:00	D	6.40
709	PATIALA	GHANAUR	S-NPP	30.34980	76.72400	13:11:00	D	2.90
710	PATIALA	GHANAUR	S-NPP	30.37590	76.68340	13:11:00	D	12.60
711	PATIALA	GHANAUR	S-NPP	30.38040	76.68730	13:11:00	D	2.20
712	PATIALA	GHANAUR	S-NPP	30.40820	76.68820	13:11:00	D	1.40
713	PATIALA	GHANAUR	AQUA	30.32800	76.67400	14:01:15	D	12.40
714	PATIALA	GHANAUR	AQUA	30.37700	76.58100	14:01:15	D	13.00
715	PATIALA	GHANAUR	AQUA	30.37900	76.59600	14:01:15	D	10.60
716	PATIALA	NABHA	S-NPP	30.32250	76.10240	13:11:00	D	4.10
717	PATIALA	NABHA	S-NPP	30.34230	76.02420	13:11:00	D	1.80
718	PATIALA	NABHA	S-NPP	30.36550	76.23160	13:11:00	D	8.80
719	PATIALA	NABHA	S-NPP	30.39460	76.07940	13:11:00	D	4.00
720	PATIALA	NABHA	S-NPP	30.47270	76.09880	13:11:00	D	4.40
721	PATIALA	NABHA	S-NPP	30.51730	76.19650	13:11:00	D	4.30
722	PATIALA	NABHA	S-NPP	30.52440	76.25620	13:11:00	D	5.40
723	PATIALA	NABHA	AQUA	30.44300	76.06200	14:01:15	D	13.20

724	PATIALA	NABHA	AQUA	30.45000	76.06900	14:01:15	D	10.40
725	PATIALA	NABHA	AQUA	30.47100	76.26100	14:01:15	D	10.60
726	PATIALA	NABHA	AQUA	30.50800	76.30100	14:01:15	D	14.30
727	PATIALA	PATIALA	S-NPP	30.31090	76.28280	13:11:00	D	5.70
728	PATIALA	PATIALA	S-NPP	30.37910	76.28460	13:11:00	D	7.40
729	PATIALA	PATIALA	S-NPP	30.40920	76.48970	13:11:00	D	18.00
730	PATIALA	PATIALA	S-NPP	30.41110	76.47920	13:11:00	D	3.80
731	PATIALA	PATIALA	S-NPP	30.41470	76.47830	13:11:00	D	5.60
732	PATIALA	PATIALA	S-NPP	30.41550	76.48310	13:11:00	D	5.60
733	PATIALA	PATIALA	S-NPP	30.42770	76.36430	13:11:00	D	16.00
734	PATIALA	PATIALA	S-NPP	30.42990	76.47970	13:11:00	D	7.60
735	PATIALA	PATIALA	S-NPP	30.43080	76.48450	13:11:00	D	7.50
736	PATIALA	PATIALA	AQUA	30.23200	76.19500	14:01:15	D	12.80
737	PATIALA	PATIALA	AQUA	30.38900	76.48500	14:01:15	D	16.60
738	PATIALA	PATRAN	S-NPP	29.80600	76.12070	13:11:00	D	3.70
739	PATIALA	PATRAN	S-NPP	29.82820	76.15730	13:11:00	D	2.80
740	PATIALA	PATRAN	S-NPP	29.83190	76.15640	13:11:00	D	12.50
741	PATIALA	PATRAN	S-NPP	29.84100	76.14370	13:11:00	D	7.10
742	PATIALA	PATRAN	S-NPP	29.84280	76.13270	13:11:00	D	5.30
743	PATIALA	PATRAN	S-NPP	29.85030	76.21460	13:11:00	D	11.00
744	PATIALA	PATRAN	S-NPP	29.86490	76.19020	13:11:00	D	11.30
745	PATIALA	PATRAN	S-NPP	29.86530	76.12010	13:11:00	D	5.70
746	PATIALA	PATRAN	S-NPP	29.86760	76.12140	13:11:00	D	6.10
747	PATIALA	PATRAN	S-NPP	29.90510	76.16810	13:11:00	D	3.20
748	PATIALA	PATRAN	S-NPP	29.92150	76.15360	13:11:00	D	3.20
749	PATIALA	PATRAN	S-NPP	29.93150	76.08290	13:11:00	D	2.40
750	PATIALA	PATRAN	S-NPP	29.93510	76.08200	13:11:00	D	3.10
751	PATIALA	PATRAN	S-NPP	29.93980	76.10720	13:11:00	D	8.30
752	PATIALA	PATRAN	S-NPP	29.94350	76.10630	13:11:00	D	8.30
753	PATIALA	PATRAN	S-NPP	29.94540	76.15830	13:11:00	D	3.00
754	PATIALA	PATRAN	AQUA	29.88000	76.21200	14:01:15	D	16.20
755	PATIALA	PATRAN	AQUA	29.88100	76.22700	14:01:15	D	19.60
756	PATIALA	PATRAN	AQUA	29.88300	76.05200	14:01:15	D	15.50

757	PATIALA	PATRAN	AQUA	29.88400	76.06600	14:01:15	D	21.90
758	PATIALA	PATRAN	AQUA	29.96000	76.10600	14:01:15	D	8.90
759	PATIALA	PATRAN	AQUA	29.96800	76.17800	14:01:15	D	9.50
760	PATIALA	PATRAN	AQUA	30.00600	76.09300	14:01:15	D	9.10
761	PATIALA	RAJPURA	S-NPP	30.51010	76.50710	13:11:00	D	11.00
762	PATIALA	RAJPURA	S-NPP	30.51610	76.56030	13:11:00	D	2.00
763	PATIALA	RAJPURA	S-NPP	30.53590	76.52570	13:11:00	D	17.10
764	PATIALA	RAJPURA	S-NPP	30.54670	76.64680	13:11:00	D	3.00
765	PATIALA	RAJPURA	S-NPP	30.55030	76.64590	13:11:00	D	3.00
766	PATIALA	RAJPURA	S-NPP	30.56490	76.70620	13:11:00	D	2.50
767	PATIALA	RAJPURA	S-NPP	30.57150	76.76320	13:11:00	D	5.30
768	PATIALA	RAJPURA	AQUA	30.53200	76.76200	14:01:15	D	13.80
769	PATIALA	RAJPURA	AQUA	30.53400	76.75500	14:01:15	D	16.30
770	PATIALA	SAMANA	S-NPP	30.02550	76.20870	13:11:00	D	3.50
771	PATIALA	SAMANA	S-NPP	30.05110	76.20250	13:11:00	D	6.30
772	PATIALA	SAMANA	S-NPP	30.09220	76.15600	13:11:00	D	4.80
773	PATIALA	SAMANA	S-NPP	30.15360	76.24710	13:11:00	D	8.10
774	PATIALA	SAMANA	S-NPP	30.16000	76.24040	13:11:00	D	6.10
775	PATIALA	SAMANA	S-NPP	30.18680	76.10620	13:11:00	D	5.30
776	PATIALA	SAMANA	S-NPP	30.18770	76.11120	13:11:00	D	10.70
777	PATIALA	SAMANA	S-NPP	30.18920	76.10860	13:11:00	D	17.40
778	PATIALA	SAMANA	S-NPP	30.20540	76.18490	13:11:00	D	2.60
779	PATIALA	SAMANA	S-NPP	30.21150	76.09500	13:11:00	D	2.20
780	PATIALA	SAMANA	AQUA	30.17400	76.10500	14:01:15	D	7.50
781	PATIALA	SAMANA	AQUA	30.17400	76.19400	14:01:15	D	7.90
782	PATIALA	SAMANA	AQUA	30.18100	76.11400	14:01:15	D	8.80
783	PATIALA	SAMANA	AQUA	30.18200	76.12800	14:01:15	D	8.30
784	PATIALA	SANAUR	S-NPP	30.11370	76.33660	13:11:00	D	3.30
785	PATIALA	SANAUR	S-NPP	30.12090	76.35530	13:11:00	D	4.30
786	PATIALA	SANAUR	S-NPP	30.12730	76.33050	13:11:00	D	2.30
787	PATIALA	SANAUR	S-NPP	30.13910	76.31230	13:11:00	D	5.30
788	PATIALA	SANAUR	S-NPP	30.14550	76.28510	13:11:00	D	1.80
789	PATIALA	SANAUR	S-NPP	30.20440	76.29640	13:11:00	D	4.20

790	PATIALA	SANAUR	S-NPP	30.21150	76.37630	13:11:00	D	3.90
791	PATIALA	SANAUR	S-NPP	30.27170	76.45980	13:11:00	D	4.00
792	PATIALA	SANAUR	S-NPP	30.27440	76.47420	13:11:00	D	4.80
793	PATIALA	SANAUR	S-NPP	30.34530	76.47220	13:11:00	D	5.80
794	PATIALA	SANAUR	AQUA	30.14500	76.31800	14:01:15	D	6.90
795	PATIALA	SANAUR	AQUA	30.14600	76.33300	14:01:15	D	7.90
796	PATIALA	SANAUR	AQUA	30.17500	76.29900	14:01:15	D	9.90
797	PATIALA	SANAUR	AQUA	30.25200	76.48000	14:01:15	D	8.60
798	PATIALA	SHAMBU KALAN	S-NPP	30.46190	76.51190	13:11:00	D	37.40
799	PATIALA	SHAMBU KALAN	S-NPP	30.48330	76.52670	13:11:00	D	4.00
800	PATIALA	SHAMBU KALAN	S-NPP	30.48330	76.73390	13:11:00	D	4.10
801	PATIALA	SHAMBU KALAN	S-NPP	30.49130	76.50660	13:11:00	D	3.80
802	PATIALA	SHAMBU KALAN	S-NPP	30.49220	76.72200	13:11:00	D	2.90
803	PATIALA	SHAMBU KALAN	AQUA	30.42200	76.59000	14:01:15	D	12.60
804	PATIALA	SHAMBU KALAN	AQUA	30.42400	76.58400	14:01:15	D	9.80
805	PATIALA	SHAMBU KALAN	AQUA	30.48400	76.52800	14:01:15	D	9.70
806	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.86070	76.44860	13:11:00	D	2.60
807	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.86640	76.37720	13:11:00	D	3.10
808	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.92090	76.34550	13:11:00	D	4.00
809	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.92680	76.43910	13:11:00	D	2.80
810	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.92710	76.35900	13:11:00	D	3.70
811	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.93420	76.35730	13:11:00	D	1.70
812	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.93430	76.33720	13:11:00	D	2.10
813	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.94500	76.35470	13:11:00	D	4.00
814	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.95850	76.32620	13:11:00	D	3.70
815	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.95940	76.33100	13:11:00	D	3.70
816	RUPNAGAR	CHAMKAUR SAHIB	AQUA	30.93300	76.35300	14:01:15	D	27.90
817	RUPNAGAR	CHAMKAUR SAHIB	AQUA	30.93500	76.34700	14:01:15	D	21.00
818	RUPNAGAR	CHAMKAUR SAHIB	AQUA	30.93600	76.36300	14:01:15	D	14.40
819	RUPNAGAR	MORINDA	S-NPP	30.75260	76.49690	13:11:00	D	5.20
820	RUPNAGAR	MORINDA	S-NPP	30.76000	76.45530	13:11:00	D	7.70
821	RUPNAGAR	MORINDA	S-NPP	30.76260	76.46960	13:11:00	D	4.80
822	RUPNAGAR	MORINDA	S-NPP	30.76520	76.48390	13:11:00	D	3.80

823	RUPNAGAR	MORINDA	S-NPP	30.77290	76.52670	13:11:00	D	3.00
824	RUPNAGAR	MORINDA	S-NPP	30.83700	76.54360	13:11:00	D	1.90
825	RUPNAGAR	MORINDA	S-NPP	30.84360	76.47760	13:11:00	D	3.40
826	RUPNAGAR	MORINDA	S-NPP	30.84860	76.54580	13:11:00	D	2.30
827	RUPNAGAR	MORINDA	AQUA	30.78600	76.46000	14:01:15	D	29.20
828	RUPNAGAR	MORINDA	AQUA	30.84200	76.46800	14:01:15	D	11.20
829	RUPNAGAR	MORINDA	AQUA	30.84400	76.48300	14:01:15	D	10.80
830	SANGRUR	ANDANA	S-NPP	29.74120	75.96120	13:11:00	D	4.40
831	SANGRUR	ANDANA	S-NPP	29.75780	75.94640	13:11:00	D	3.90
832	SANGRUR	ANDANA	S-NPP	29.77680	75.86070	13:11:00	D	3.40
833	SANGRUR	ANDANA	S-NPP	29.80560	75.84820	13:11:00	D	3.70
834	SANGRUR	ANDANA	S-NPP	29.80830	76.00890	13:11:00	D	4.00
835	SANGRUR	ANDANA	S-NPP	29.81400	75.85150	13:11:00	D	3.50
836	SANGRUR	ANDANA	S-NPP	29.83780	75.98020	13:11:00	D	3.00
837	SANGRUR	ANDANA	S-NPP	29.84550	76.06350	13:11:00	D	3.80
838	SANGRUR	ANDANA	S-NPP	29.85810	76.00020	13:11:00	D	2.90
839	SANGRUR	ANDANA	S-NPP	29.85920	76.02660	13:11:00	D	4.00
840	SANGRUR	ANDANA	S-NPP	29.86480	76.03580	13:11:00	D	2.30
841	SANGRUR	ANDANA	S-NPP	29.87120	76.02890	13:11:00	D	9.40
842	SANGRUR	ANDANA	AQUA	29.75500	75.90600	14:01:15	D	11.10
843	SANGRUR	ANDANA	AQUA	29.78500	75.98600	14:01:15	D	7.60
844	SANGRUR	ANDANA	AQUA	29.81400	76.00400	14:01:15	D	7.70
845	SANGRUR	ANDANA	AQUA	29.85000	76.04200	14:01:15	D	25.60
846	SANGRUR	ANDANA	AQUA	29.85200	76.05600	14:01:15	D	16.70
847	SANGRUR	BHAWANIGARH	S-NPP	30.22590	76.02850	13:11:00	D	3.10
848	SANGRUR	BHAWANIGARH	S-NPP	30.25280	76.17330	13:11:00	D	13.60
849	SANGRUR	BHAWANIGARH	S-NPP	30.25370	76.17830	13:11:00	D	6.70
850	SANGRUR	BHAWANIGARH	S-NPP	30.32680	76.04380	13:11:00	D	1.30
851	SANGRUR	BHAWANIGARH	AQUA	30.28800	75.96000	14:01:15	D	10.60
852	SANGRUR	BHAWANIGARH	AQUA	30.31600	76.11600	14:01:15	D	8.50
853	SANGRUR	BHAWANIGARH	AQUA	30.33200	75.98200	14:01:15	D	8.50
854	SANGRUR	DHURI	S-NPP	30.34400	75.97110	13:11:00	D	11.00
855	SANGRUR	DHURI	S-NPP	30.38710	75.84590	13:11:00	D	4.60

856	SANGRUR	DIRBA	S-NPP	30.04230	75.96800	13:11:00	D	3.10
857	SANGRUR	DIRBA	S-NPP	30.10240	75.97190	13:11:00	D	3.80
858	SANGRUR	DIRBA	S-NPP	30.13320	76.07520	13:11:00	D	3.00
859	SANGRUR	DIRBA	S-NPP	30.13690	76.07430	13:11:00	D	6.40
860	SANGRUR	LEHRA GAGA	S-NPP	29.85180	75.80260	13:11:00	D	6.70
861	SANGRUR	LEHRA GAGA	S-NPP	29.92680	75.88950	13:11:00	D	3.50
862	SANGRUR	LEHRA GAGA	S-NPP	29.92700	75.89220	13:11:00	D	6.20
863	SANGRUR	LEHRA GAGA	AQUA	29.89000	75.85900	14:01:15	D	12.70
864	SANGRUR	LEHRA GAGA	AQUA	29.99600	75.80900	14:01:15	D	11.10
865	SANGRUR	MALERKOTLA-1	S-NPP	30.53220	76.07630	13:11:00	D	9.60
866	SANGRUR	MALERKOTLA-1	S-NPP	30.60740	76.01820	13:11:00	D	2.90
867	SANGRUR	MALERKOTLA-2	S-NPP	30.53160	75.76440	13:11:00	D	6.80
868	SANGRUR	MALERKOTLA-2	S-NPP	30.54360	75.76680	13:11:00	D	4.20
869	SANGRUR	MALERKOTLA-2	AQUA	30.65300	75.86500	14:01:15	D	9.90
870	SANGRUR	MALERKOTLA-2	AQUA	30.66200	75.85000	14:01:15	D	8.30
871	SANGRUR	SANGRUR	S-NPP	30.27350	75.95320	13:11:00	D	1.50
872	SANGRUR	SANGRUR	S-NPP	30.27480	75.95110	13:11:00	D	3.60
873	SANGRUR	SHER PUR	S-NPP	30.44230	75.78930	13:11:00	D	6.20
874	SANGRUR	SUNAM	S-NPP	30.03810	75.73470	13:11:00	D	4.10
875	SANGRUR	SUNAM	S-NPP	30.05800	75.85980	13:11:00	D	5.10
876	SANGRUR	SUNAM	S-NPP	30.08850	75.83610	13:11:00	D	3.00
877	SANGRUR	SUNAM	S-NPP	30.08980	75.88420	13:11:00	D	4.50
878	SANGRUR	SUNAM	S-NPP	30.09070	75.88930	13:11:00	D	6.40
879	SANGRUR	SUNAM	S-NPP	30.10720	75.85300	13:11:00	D	5.10
880	SANGRUR	SUNAM	S-NPP	30.12410	75.88110	13:11:00	D	6.20
881	SANGRUR	SUNAM	S-NPP	30.12780	75.88020	13:11:00	D	6.20
882	SANGRUR	SUNAM	AQUA	30.02900	75.73400	14:01:15	D	11.20
883	SANGRUR	SUNAM	AQUA	30.09700	75.88600	14:01:15	D	9.30
884	SANGRUR	SUNAM	AQUA	30.16200	75.75700	14:01:15	D	7.30
885	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.45010	76.87770	13:11:00	D	13.60
886	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.47380	76.88660	13:11:00	D	3.60
887	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.49720	76.91470	13:11:00	D	3.50
888	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.50560	76.87900	13:11:00	D	4.10

889	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.55900	76.77580	13:11:00	D	3.80
890	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.57920	76.78560	13:11:00	D	6.70
891	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.64160	76.80460	13:11:00	D	2.50
892	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.61650	76.68400	13:11:00	D	1.30
893	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.62220	76.68460	13:11:00	D	2.30
894	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.63100	76.69230	13:11:00	D	9.80
895	SAS NAGAR (MOHALI)	KHARAR	AQUA	30.62800	76.68700	14:01:15	D	19.30
896	SAS NAGAR (MOHALI)	MAJRI	S-NPP	30.78210	76.72110	13:11:00	D	8.40
897	SBS NAGAR	BALACHAUR	S-NPP	30.97600	76.40210	13:11:00	D	4.50
898	SBS NAGAR	BANGA	S-NPP	31.17860	75.86200	13:11:00	D	6.20
899	SBS NAGAR	NAWAN SHAHR	AQUA	31.02400	76.21900	14:01:15	D	11.50
900	SBS NAGAR	NAWAN SHAHR	AQUA	31.05300	76.18400	14:01:15	D	10.90
901	SBS NAGAR	NAWAN SHAHR	AQUA	31.15900	76.13200	14:01:15	D	8.40
902	SBS NAGAR	SAROYA	S-NPP	31.14950	76.25790	13:11:00	D	4.50
903	TARN TARAN	BHIKHIWIND	S-NPP	31.24860	74.68210	13:11:00	D	2.90
904	TARN TARAN	BHIKHIWIND	S-NPP	31.27120	74.73550	13:11:00	D	4.30
905	TARN TARAN	BHIKHIWIND	S-NPP	31.27390	74.68730	13:11:00	D	14.20
906	TARN TARAN	BHIKHIWIND	S-NPP	31.30200	74.72740	13:11:00	D	4.70
907	TARN TARAN	BHIKHIWIND	S-NPP	31.30690	74.73200	13:11:00	D	10.60
908	TARN TARAN	BHIKHIWIND	S-NPP	31.31900	74.62760	13:11:00	D	9.60
909	TARN TARAN	BHIKHIWIND	S-NPP	31.32950	74.61880	13:11:00	D	3.70
910	TARN TARAN	BHIKHIWIND	S-NPP	31.37180	74.68920	13:11:00	D	3.30
911	TARN TARAN	BHIKHIWIND	S-NPP	31.40530	74.67440	13:11:00	D	3.40
912	TARN TARAN	BHIKHIWIND	S-NPP	31.40910	74.71490	13:11:00	D	18.80
913	TARN TARAN	BHIKHIWIND	AQUA	31.30300	74.73100	14:01:15	D	8.90
914	TARN TARAN	BHIKHIWIND	AQUA	31.31300	74.63400	14:01:15	D	7.20
915	TARN TARAN	BHIKHIWIND	AQUA	31.33100	74.78600	14:01:15	D	11.30
916	TARN TARAN	BHIKHIWIND	AQUA	31.38200	74.71200	14:01:15	D	48.30
917	TARN TARAN	BHIKHIWIND	AQUA	31.38300	74.72500	14:01:15	D	14.50
918	TARN TARAN	BHIKHIWIND	AQUA	31.40200	74.68900	14:01:15	D	5.80
919	TARN TARAN	CHOHLA SAHIB	S-NPP	31.18970	74.95820	13:11:00	D	5.40
920	TARN TARAN	CHOHLA SAHIB	S-NPP	31.20440	74.97170	13:11:00	D	6.90
921	TARN TARAN	CHOHLA SAHIB	S-NPP	31.20820	74.97070	13:11:00	D	2.10

922	TARN TARAN	CHOHLA SAHIB	S-NPP	31.22320	75.00710	13:11:00	D	6.90
923	TARN TARAN	CHOHLA SAHIB	S-NPP	31.22820	74.97120	13:11:00	D	4.70
924	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23480	74.96380	13:11:00	D	6.70
925	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23610	75.03240	13:11:00	D	3.70
926	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23990	75.03140	13:11:00	D	3.70
927	TARN TARAN	CHOHLA SAHIB	S-NPP	31.25190	75.01110	13:11:00	D	3.90
928	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26310	74.94480	13:11:00	D	8.90
929	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28700	75.00770	13:11:00	D	3.80
930	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28810	75.00490	13:11:00	D	3.30
931	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29040	74.93520	13:11:00	D	3.30
932	TARN TARAN	CHOHLA SAHIB	S-NPP	31.33630	75.08940	13:11:00	D	4.60
933	TARN TARAN	CHOHLA SAHIB	AQUA	31.24200	74.97600	14:01:15	D	13.90
934	TARN TARAN	CHOHLA SAHIB	AQUA	31.25200	74.97500	14:01:15	D	34.20
935	TARN TARAN	CHOHLA SAHIB	AQUA	31.30300	74.98000	14:01:15	D	8.30
936	TARN TARAN	CHOHLA SAHIB	AQUA	31.32200	75.05700	14:01:15	D	11.00
937	TARN TARAN	CHOHLA SAHIB	AQUA	31.32400	75.07000	14:01:15	D	33.90
938	TARN TARAN	CHOHLA SAHIB	AQUA	31.33500	75.08200	14:01:15	D	7.80
939	TARN TARAN	CHOHLA SAHIB	AQUA	31.35700	75.10000	14:01:15	D	7.60
940	TARN TARAN	GANDIWIND TATLA	S-NPP	31.48030	74.74790	13:11:00	D	11.80
941	TARN TARAN	GANDIWIND TATLA	S-NPP	31.49780	74.71390	13:11:00	D	15.20
942	TARN TARAN	GANDIWIND TATLA	S-NPP	31.56770	74.74250	13:11:00	D	9.70
943	TARN TARAN	GANDIWIND TATLA	AQUA	31.41700	74.73900	14:01:15	D	10.90
944	TARN TARAN	GANDIWIND TATLA	AQUA	31.47000	74.67800	14:01:15	D	14.40
945	TARN TARAN	KHADUR SAHIB	S-NPP	31.39530	75.04560	13:11:00	D	11.90
946	TARN TARAN	KHADUR SAHIB	S-NPP	31.41910	75.09400	13:11:00	D	6.50
947	TARN TARAN	KHADUR SAHIB	S-NPP	31.42060	75.09580	13:11:00	D	6.00
948	TARN TARAN	KHADUR SAHIB	S-NPP	31.43560	75.11790	13:11:00	D	3.70
949	TARN TARAN	KHADUR SAHIB	S-NPP	31.43680	75.18500	13:11:00	D	10.40
950	TARN TARAN	KHADUR SAHIB	S-NPP	31.51630	75.08560	13:11:00	D	4.30
951	TARN TARAN	KHADUR SAHIB	AQUA	31.39200	75.05400	14:01:15	D	8.20
952	TARN TARAN	KHADUR SAHIB	AQUA	31.44300	75.22300	14:01:15	D	36.00
953	TARN TARAN	KHADUR SAHIB	AQUA	31.50100	75.19300	14:01:15	D	7.90
954	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.34550	74.97270	13:11:00	D	7.40

955	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.38180	74.86280	13:11:00	D	2.30
956	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.38480	74.92790	13:11:00	D	3.40
957	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.38490	74.99110	13:11:00	D	7.60
958	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.38590	74.99660	13:11:00	D	7.60
959	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.38610	74.92540	13:11:00	D	3.00
960	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.38870	74.99010	13:11:00	D	7.60
961	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.39430	74.90590	13:11:00	D	4.70
962	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.39530	74.91140	13:11:00	D	6.70
963	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.40110	75.00190	13:11:00	D	12.60
964	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.40310	75.00350	13:11:00	D	13.30
965	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.34800	74.84800	14:01:15	D	9.30
966	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.40300	74.89200	14:01:15	D	36.80
967	TARN TARAN	PATTI	S-NPP	31.21150	74.94670	13:11:00	D	3.30
968	TARN TARAN	PATTI	S-NPP	31.22700	74.86130	13:11:00	D	3.40
969	TARN TARAN	PATTI	S-NPP	31.22710	74.77900	13:11:00	D	6.10
970	TARN TARAN	PATTI	S-NPP	31.22870	74.80800	13:11:00	D	21.50
971	TARN TARAN	PATTI	S-NPP	31.23260	74.80700	13:11:00	D	5.00
972	TARN TARAN	PATTI	S-NPP	31.24240	74.81620	13:11:00	D	3.00
973	TARN TARAN	PATTI	S-NPP	31.25020	74.77290	13:11:00	D	2.30
974	TARN TARAN	PATTI	S-NPP	31.25100	74.77630	13:11:00	D	4.40
975	TARN TARAN	PATTI	S-NPP	31.26500	74.89210	13:11:00	D	8.80
976	TARN TARAN	PATTI	S-NPP	31.26540	74.88960	13:11:00	D	7.10
977	TARN TARAN	PATTI	S-NPP	31.26650	74.89510	13:11:00	D	11.00
978	TARN TARAN	PATTI	S-NPP	31.27030	74.89410	13:11:00	D	3.50
979	TARN TARAN	PATTI	S-NPP	31.28880	74.82510	13:11:00	D	3.00
980	TARN TARAN	PATTI	S-NPP	31.28930	74.88920	13:11:00	D	5.60
981	TARN TARAN	PATTI	S-NPP	31.29150	74.77740	13:11:00	D	8.10
982	TARN TARAN	PATTI	S-NPP	31.29420	74.89370	13:11:00	D	2.50
983	TARN TARAN	PATTI	S-NPP	31.29860	74.87510	13:11:00	D	10.00
984	TARN TARAN	PATTI	S-NPP	31.30410	74.82110	13:11:00	D	5.80
985	TARN TARAN	PATTI	S-NPP	31.30740	74.79680	13:11:00	D	9.00
986	TARN TARAN	TARN TARAN	S-NPP	31.40910	74.75620	13:11:00	D	37.50
987	TARN TARAN	TARN TARAN	S-NPP	31.44170	74.84130	13:11:00	D	8.00

988	TARN TARAN	TARN TARAN	AQUA	31.36300	74.80600	14:01:15	D	6.10
989	TARN TARAN	TARN TARAN	AQUA	31.46000	74.85000	14:01:15	D	12.60
990	TARN TARAN	TARN TARAN	AQUA	31.46200	74.86200	14:01:15	D	7.20
991	TARN TARAN	VALTOHA	S-NPP	31.09550	74.60470	13:11:00	D	9.40
992	TARN TARAN	VALTOHA	S-NPP	31.10140	74.57290	13:11:00	D	6.60
993	TARN TARAN	VALTOHA	S-NPP	31.10230	74.57480	13:11:00	D	8.70
994	TARN TARAN	VALTOHA	S-NPP	31.10520	74.57190	13:11:00	D	7.10
995	TARN TARAN	VALTOHA	S-NPP	31.12810	74.58410	13:11:00	D	9.30
996	TARN TARAN	VALTOHA	S-NPP	31.13200	74.58310	13:11:00	D	6.80
997	TARN TARAN	VALTOHA	S-NPP	31.18920	74.60410	13:11:00	D	6.60
998	TARN TARAN	VALTOHA	S-NPP	31.20520	74.62390	13:11:00	D	4.80
999	TARN TARAN	VALTOHA	S-NPP	31.20790	74.62100	13:11:00	D	6.20
1000	TARN TARAN	VALTOHA	S-NPP	31.21400	74.52880	13:11:00	D	20.10
1001	TARN TARAN	VALTOHA	S-NPP	31.21790	74.52770	13:11:00	D	20.10
1002	TARN TARAN	VALTOHA	S-NPP	31.21900	74.53350	13:11:00	D	20.10
1003	TARN TARAN	VALTOHA	S-NPP	31.23440	74.59000	13:11:00	D	1.60
1004	TARN TARAN	VALTOHA	S-NPP	31.24320	74.59360	13:11:00	D	3.20
1005	TARN TARAN	VALTOHA	S-NPP	31.25100	74.59160	13:11:00	D	53.20
1006	TARN TARAN	VALTOHA	S-NPP	31.25690	74.55980	13:11:00	D	6.00
1007	TARN TARAN	VALTOHA	S-NPP	31.26030	74.57700	13:11:00	D	5.50
1008	TARN TARAN	VALTOHA	S-NPP	31.26210	74.60670	13:11:00	D	5.00
1009	TARN TARAN	VALTOHA	AQUA	31.14900	74.54600	14:01:15	D	10.30
1010	TARN TARAN	VALTOHA	AQUA	31.17700	74.69400	14:01:15	D	17.40
1011	TARN TARAN	VALTOHA	AQUA	31.18600	74.69200	14:01:15	D	16.00
1012	TARN TARAN	VALTOHA	AQUA	31.18900	74.55200	14:01:15	D	5.80
1013	TARN TARAN	VALTOHA	AQUA	31.22900	74.61400	14:01:15	D	8.80
1014	TARN TARAN	VALTOHA	AQUA	31.23400	74.65200	14:01:15	D	6.10
1015	TARN TARAN	VALTOHA	AQUA	31.23600	74.58800	14:01:15	D	9.80
1016	TARN TARAN	VALTOHA	AQUA	31.25000	74.53500	14:01:15	D	11.00
1017	TARN TARAN	VALTOHA	AQUA	31.25100	74.54700	14:01:15	D	8.70
1018	TARN TARAN	VALTOHA	AQUA	31.27400	74.56900	14:01:15	D	9.50
1019	TARN TARAN	VALTOHA	AQUA	31.31200	74.54400	14:01:15	D	10.60

Details of residue burning events in Haryana on 24-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBALA	AMBALA-I	S-NPP	30.33540	76.90100	13:11:00	D	4.20
2	AMBALA	AMBALA-I	S-NPP	30.33770	76.90190	13:11:00	D	10.50
3	AMBALA	AMBALA-II	S-NPP	30.24020	76.69950	13:11:00	D	8.40
4	AMBALA	AMBALA-II	S-NPP	30.24560	76.56440	13:11:00	D	3.60
5	AMBALA	AMBALA-II	S-NPP	30.26240	76.88450	13:11:00	D	17.50
6	AMBALA	AMBALA-II	S-NPP	30.28720	76.71280	13:11:00	D	3.70
7	AMBALA	AMBALA-II	S-NPP	30.28800	76.88320	13:11:00	D	2.80
8	AMBALA	AMBALA-II	AQUA	30.17100	76.67000	14:01:15	D	12.00
9	AMBALA	BARARA	S-NPP	30.22250	77.15040	13:11:00	D	2.00
10	AMBALA	BARARA	S-NPP	30.22990	77.00600	13:11:00	D	2.70
11	AMBALA	NARAINGARH	S-NPP	30.43060	77.11390	13:11:00	D	11.50
12	AMBALA	NARAINGARH	S-NPP	30.45210	77.13250	13:11:00	D	3.60
13	AMBALA	NARAINGARH	S-NPP	30.46230	77.14890	13:11:00	D	3.60
14	AMBALA	NARAINGARH	S-NPP	30.51170	77.13970	13:11:00	D	2.50
15	AMBALA	SAHA	S-NPP	30.20650	76.91530	13:11:00	D	3.90
16	AMBALA	SAHA	S-NPP	30.30670	77.00860	13:11:00	D	3.80
17	AMBALA	SAHA	S-NPP	30.32480	76.96600	13:11:00	D	2.90
18	FATEHABAD	BHUNA	S-NPP	29.52960	75.68520	13:11:00	D	8.00
19	FATEHABAD	BHUNA	S-NPP	29.54910	75.74690	13:11:00	D	2.70
20	FATEHABAD	BHUNA	S-NPP	29.58830	75.83060	13:11:00	D	3.10
21	FATEHABAD	BHUNA	S-NPP	29.59740	75.79860	13:11:00	D	4.90
22	FATEHABAD	BHUNA	AQUA	29.50900	75.72000	14:01:15	D	10.10
23	FATEHABAD	BHUNA	AQUA	29.57500	75.84700	14:01:15	D	10.10
24	FATEHABAD	FATEHABAD	S-NPP	29.55490	75.53640	13:11:00	D	4.80
25	FATEHABAD	FATEHABAD	S-NPP	29.60680	75.36920	13:11:00	D	2.50
26	FATEHABAD	FATEHABAD	AQUA	29.44200	75.49600	14:01:15	D	8.00
27	FATEHABAD	FATEHABAD	AQUA	29.46600	75.43300	14:01:15	D	21.00
28	FATEHABAD	FATEHABAD	AQUA	29.46600	75.44000	14:01:15	D	12.10
29	FATEHABAD	JAKHAL	S-NPP	29.72560	75.79720	13:11:00	D	24.70
30	FATEHABAD	JAKHAL	S-NPP	29.79330	75.82410	13:11:00	D	6.90

31	FATEHABAD	JAKHAL	S-NPP	29.80030	75.75680	13:11:00	D	5.20
32	FATEHABAD	JAKHAL	S-NPP	29.80070	75.76060	13:11:00	D	8.60
33	FATEHABAD	JAKHAL	S-NPP	29.80130	75.76200	13:11:00	D	5.20
34	FATEHABAD	JAKHAL	AQUA	29.79800	75.76800	14:01:15	D	107.70
35	FATEHABAD	RATIA	S-NPP	29.75010	75.53030	13:11:00	D	9.80
36	FATEHABAD	RATIA	S-NPP	29.75200	75.52850	13:11:00	D	3.50
37	FATEHABAD	RATIA	S-NPP	29.76780	75.50760	13:11:00	D	3.70
38	FATEHABAD	RATIA	S-NPP	29.77160	75.50670	13:11:00	D	4.00
39	FATEHABAD	TOHANA	S-NPP	29.59260	75.91660	13:11:00	D	6.00
40	FATEHABAD	TOHANA	S-NPP	29.63850	75.87030	13:11:00	D	4.10
41	FATEHABAD	TOHANA	S-NPP	29.64540	75.90660	13:11:00	D	9.40
42	FATEHABAD	TOHANA	S-NPP	29.65100	75.91600	13:11:00	D	10.20
43	FATEHABAD	TOHANA	S-NPP	29.66590	75.78720	13:11:00	D	14.20
44	FATEHABAD	TOHANA	S-NPP	29.67230	75.88370	13:11:00	D	2.30
45	FATEHABAD	TOHANA	S-NPP	29.69170	75.86260	13:11:00	D	1.60
46	FATEHABAD	TOHANA	S-NPP	29.72990	75.94250	13:11:00	D	7.10
47	FATEHABAD	TOHANA	S-NPP	29.75610	75.85500	13:11:00	D	8.40
48	FATEHABAD	TOHANA	AQUA	29.64400	75.92900	14:01:15	D	9.00
49	FATEHABAD	TOHANA	AQUA	29.65600	75.94100	14:01:15	D	19.40
50	FATEHABAD	TOHANA	AQUA	29.67000	75.70400	14:01:15	D	11.70
51	HISAR	BARWALA	S-NPP	29.35790	75.97390	13:11:00	D	8.90
52	HISAR	BARWALA	AQUA	29.34600	75.89400	14:01:15	D	6.70
53	HISAR	UKLANA	S-NPP	29.48550	75.82020	13:11:00	D	3.70
54	HISAR	UKLANA	S-NPP	29.54360	75.86350	13:11:00	D	2.80
55	JIND	ALEWA	S-NPP	29.49110	76.48790	13:11:00	D	1.40
56	JIND	ALEWA	S-NPP	29.51350	76.48990	13:11:00	D	2.50
57	JIND	ALEWA	S-NPP	29.51800	76.41210	13:11:00	D	11.60
58	JIND	NARWANA	S-NPP	29.52580	75.97620	13:11:00	D	3.80
59	JIND	NARWANA	S-NPP	29.63980	76.17180	13:11:00	D	3.70
60	JIND	NARWANA	S-NPP	29.64390	76.08370	13:11:00	D	2.70
61	JIND	NARWANA	S-NPP	29.74640	76.02940	13:11:00	D	11.20
62	JIND	NARWANA	AQUA	29.70500	76.00500	14:01:15	D	7.00
63	JIND	NARWANA	AQUA	29.72600	76.02300	14:01:15	D	17.40

64	JIND	NARWANA	AQUA	29.78500	76.17300	14:01:15	D	10.30
65	JIND	PILLUKHERA	S-NPP	29.27920	76.54340	13:11:00	D	3.30
66	JIND	UCHANA	S-NPP	29.42750	76.26550	13:11:00	D	2.20
67	JIND	UCHANA	S-NPP	29.44650	76.13180	13:11:00	D	2.80
68	JIND	UCHANA	S-NPP	29.48690	76.05810	13:11:00	D	4.20
69	JIND	UCHANA	S-NPP	29.49060	76.05720	13:11:00	D	4.20
70	JIND	UCHANA	AQUA	29.41100	76.19500	14:01:15	D	8.70
71	JIND	UCHANA	AQUA	29.49600	76.04800	14:01:15	D	8.40
72	KAITHAL	GUHLA	S-NPP	29.95920	76.33620	13:11:00	D	17.00
73	KAITHAL	GUHLA	S-NPP	29.96280	76.33530	13:11:00	D	17.00
74	KAITHAL	GUHLA	S-NPP	29.96830	76.32370	13:11:00	D	6.60
75	KAITHAL	GUHLA	S-NPP	29.98830	76.28800	13:11:00	D	9.30
76	KAITHAL	GUHLA	S-NPP	29.99020	76.27720	13:11:00	D	13.10
77	KAITHAL	GUHLA	S-NPP	29.99280	76.33320	13:11:00	D	2.80
78	KAITHAL	GUHLA	S-NPP	29.99370	76.33810	13:11:00	D	4.10
79	KAITHAL	GUHLA	S-NPP	29.99920	76.30590	13:11:00	D	2.60
80	KAITHAL	GUHLA	S-NPP	30.00740	76.28850	13:11:00	D	15.50
81	KAITHAL	GUHLA	S-NPP	30.00830	76.29340	13:11:00	D	5.90
82	KAITHAL	GUHLA	S-NPP	30.00920	76.28500	13:11:00	D	28.10
83	KAITHAL	GUHLA	S-NPP	30.01020	76.29000	13:11:00	D	28.10
84	KAITHAL	GUHLA	S-NPP	30.01840	76.29310	13:11:00	D	9.60
85	KAITHAL	GUHLA	S-NPP	30.02020	76.30300	13:11:00	D	27.40
86	KAITHAL	GUHLA	S-NPP	30.04290	76.26140	13:11:00	D	5.10
87	KAITHAL	GUHLA	S-NPP	30.05200	76.35160	13:11:00	D	12.90
88	KAITHAL	GUHLA	S-NPP	30.05470	76.38670	13:11:00	D	4.00
89	KAITHAL	GUHLA	S-NPP	30.05830	76.38580	13:11:00	D	4.00
90	KAITHAL	GUHLA	S-NPP	30.07750	76.26330	13:11:00	D	6.50
91	KAITHAL	GUHLA	S-NPP	30.08100	76.36500	13:11:00	D	2.80
92	KAITHAL	GUHLA	S-NPP	30.08390	76.29780	13:11:00	D	3.00
93	KAITHAL	GUHLA	S-NPP	30.08750	76.29690	13:11:00	D	3.00
94	KAITHAL	GUHLA	S-NPP	30.13550	76.35400	13:11:00	D	3.10
95	KAITHAL	GUHLA	AQUA	29.96700	76.26700	14:01:15	D	30.10
96	KAITHAL	GUHLA	AQUA	29.96900	76.28100	14:01:15	D	20.70

97	KAITHAL	GUHLA	AQUA	29.99500	76.32200	14:01:15	D	14.70
98	KAITHAL	GUHLA	AQUA	29.99800	76.35200	14:01:15	D	10.90
99	KAITHAL	GUHLA	AQUA	30.01300	76.29000	14:01:15	D	19.80
100	KAITHAL	GUHLA	AQUA	30.05100	76.30800	14:01:15	D	11.10
101	KAITHAL	KAITHAL	S-NPP	29.76910	76.50920	13:11:00	D	4.30
102	KAITHAL	KAITHAL	S-NPP	29.77140	76.29370	13:11:00	D	3.60
103	KAITHAL	KAITHAL	S-NPP	29.77230	76.29870	13:11:00	D	3.60
104	KAITHAL	KAITHAL	S-NPP	29.77770	76.32840	13:11:00	D	2.90
105	KAITHAL	KAITHAL	S-NPP	29.81290	76.30150	13:11:00	D	4.10
106	KAITHAL	KAITHAL	S-NPP	29.81650	76.30060	13:11:00	D	4.10
107	KAITHAL	KAITHAL	S-NPP	29.85640	76.51570	13:11:00	D	5.60
108	KAITHAL	KAITHAL	S-NPP	29.85720	76.52050	13:11:00	D	7.20
109	KAITHAL	KAITHAL	S-NPP	29.86380	76.43280	13:11:00	D	1.70
110	KAITHAL	KAITHAL	AQUA	29.81000	76.30200	14:01:15	D	10.10
111	KAITHAL	KAITHAL	AQUA	29.81500	76.34600	14:01:15	D	28.10
112	KAITHAL	KAITHAL	AQUA	29.85000	76.23100	14:01:15	D	11.80
113	KAITHAL	KALAYAT	S-NPP	29.69830	76.33210	13:11:00	D	4.60
114	KAITHAL	KALAYAT	S-NPP	29.70200	76.33120	13:11:00	D	16.50
115	KAITHAL	KALAYAT	S-NPP	29.72470	76.22710	13:11:00	D	1.40
116	KAITHAL	KALAYAT	S-NPP	29.74670	76.20090	13:11:00	D	5.80
117	KAITHAL	PUNDRI	S-NPP	29.67790	76.66960	13:11:00	D	2.80
118	KAITHAL	PUNDRI	S-NPP	29.70160	76.61390	13:11:00	D	8.40
119	KAITHAL	PUNDRI	S-NPP	29.78880	76.55500	13:11:00	D	3.40
120	KAITHAL	PUNDRI	S-NPP	29.82770	76.66590	13:11:00	D	4.90
121	KAITHAL	PUNDRI	S-NPP	29.86410	76.61930	13:11:00	D	8.60
122	KAITHAL	PUNDRI	S-NPP	29.87860	76.59580	13:11:00	D	3.00
123	KAITHAL	PUNDRI	AQUA	29.84700	76.63100	14:01:15	D	10.00
124	KAITHAL	RAJOUND	S-NPP	29.55350	76.45990	13:11:00	D	3.10
125	KAITHAL	RAJOUND	S-NPP	29.57900	76.45380	13:11:00	D	2.70
126	KAITHAL	RAJOUND	S-NPP	29.58260	76.45290	13:11:00	D	9.10
127	KAITHAL	RAJOUND	S-NPP	29.61610	76.49800	13:11:00	D	2.20
128	KAITHAL	RAJOUND	S-NPP	29.61710	76.40070	13:11:00	D	3.10
129	KAITHAL	RAJOUND	AQUA	29.59800	76.42000	14:01:15	D	13.50

130	KAITHAL	RAJOUND	AQUA	29.59900	76.43500	14:01:15	D	16.60
131	KAITHAL	RAJOUND	AQUA	29.65400	76.44200	14:01:15	D	10.00
132	KAITHAL	SIWAN	S-NPP	29.88040	76.27480	13:11:00	D	2.60
133	KAITHAL	SIWAN	S-NPP	29.89160	76.23910	13:11:00	D	4.80
134	KAITHAL	SIWAN	S-NPP	29.90550	76.33380	13:11:00	D	2.60
135	KAITHAL	SIWAN	S-NPP	29.90670	76.33540	13:11:00	D	3.40
136	KAITHAL	SIWAN	S-NPP	29.90790	76.20390	13:11:00	D	5.60
137	KAITHAL	SIWAN	S-NPP	29.91440	76.44090	13:11:00	D	3.20
138	KAITHAL	SIWAN	S-NPP	29.93370	76.38330	13:11:00	D	7.70
139	KAITHAL	SIWAN	S-NPP	29.93450	76.22350	13:11:00	D	4.80
140	KAITHAL	SIWAN	S-NPP	29.97270	76.36880	13:11:00	D	8.70
141	KAITHAL	SIWAN	S-NPP	29.97290	76.22450	13:11:00	D	10.00
142	KAITHAL	SIWAN	AQUA	29.85300	76.26000	14:01:15	D	29.20
143	KAITHAL	SIWAN	AQUA	29.87600	76.27200	14:01:15	D	13.90
144	KAITHAL	SIWAN	AQUA	29.90300	76.41800	14:01:15	D	21.70
145	KAITHAL	SIWAN	AQUA	29.94100	76.42100	14:01:15	D	21.90
146	KAITHAL	SIWAN	AQUA	29.94400	76.34500	14:01:15	D	15.00
147	KAITHAL	SIWAN	AQUA	29.94500	76.41200	14:01:15	D	21.20
148	KARNAL	ASSANDH	S-NPP	29.49510	76.59360	13:11:00	D	4.60
149	KARNAL	ASSANDH	S-NPP	29.49600	76.59840	13:11:00	D	5.00
150	KARNAL	ASSANDH	S-NPP	29.50970	76.56990	13:11:00	D	6.40
151	KARNAL	ASSANDH	S-NPP	29.61500	76.77700	13:11:00	D	3.10
152	KARNAL	ASSANDH	AQUA	29.50700	76.53000	14:01:15	D	8.10
153	KARNAL	ASSANDH	AQUA	29.57300	76.73700	14:01:15	D	42.00
154	KARNAL	ASSANDH	AQUA	29.57400	76.75200	14:01:15	D	8.10
155	KARNAL	CHIRAO	S-NPP	29.61110	76.81740	13:11:00	D	6.50
156	KARNAL	CHIRAO	S-NPP	29.62320	76.94670	13:11:00	D	4.70
157	KARNAL	CHIRAO	S-NPP	29.62690	76.84320	13:11:00	D	2.20
158	KARNAL	CHIRAO	S-NPP	29.62780	76.84790	13:11:00	D	3.10
159	KARNAL	CHIRAO	S-NPP	29.65760	76.88980	13:11:00	D	2.00
160	KARNAL	CHIRAO	S-NPP	29.67480	76.86130	13:11:00	D	7.30
161	KARNAL	CHIRAO	S-NPP	29.67580	76.86280	13:11:00	D	12.90
162	KARNAL	CHIRAO	S-NPP	29.69540	76.86800	13:11:00	D	32.80

163	KARNAL	CHIRAO	S-NPP	29.69900	76.86710	13:11:00	D	10.10
164	KARNAL	CHIRAO	S-NPP	29.70100	76.83730	13:11:00	D	11.60
165	KARNAL	CHIRAO	S-NPP	29.70640	76.82620	13:11:00	D	4.70
166	KARNAL	CHIRAO	S-NPP	29.71800	76.82830	13:11:00	D	2.40
167	KARNAL	CHIRAO	AQUA	29.61400	76.71500	14:01:15	D	13.90
168	KARNAL	CHIRAO	AQUA	29.63800	76.68900	14:01:15	D	14.50
169	KARNAL	CHIRAO	AQUA	29.65000	76.70300	14:01:15	D	11.20
170	KARNAL	GHARAUNDA	S-NPP	29.48260	77.11070	13:11:00	D	10.20
171	KARNAL	GHARAUNDA	S-NPP	29.48640	77.02780	13:11:00	D	1.60
172	KARNAL	GHARAUNDA	S-NPP	29.48820	77.02990	13:11:00	D	3.00
173	KARNAL	GHARAUNDA	S-NPP	29.58260	77.06090	13:11:00	D	4.40
174	KARNAL	GHARAUNDA	S-NPP	29.59540	76.97750	13:11:00	D	2.60
175	KARNAL	GHARAUNDA	AQUA	29.52600	77.03600	14:01:15	D	12.00
176	KARNAL	GHARAUNDA	AQUA	29.52800	77.05200	14:01:15	D	23.00
177	KARNAL	INDRI	S-NPP	29.81240	76.99290	13:11:00	D	5.20
178	KARNAL	INDRI	S-NPP	29.92620	77.02080	13:11:00	D	4.80
179	KARNAL	KARNAL	S-NPP	29.65570	76.98280	13:11:00	D	4.70
180	KARNAL	KARNAL	S-NPP	29.66700	77.06700	13:11:00	D	3.60
181	KARNAL	KARNAL	S-NPP	29.67310	76.93500	13:11:00	D	20.20
182	KARNAL	KARNAL	S-NPP	29.69480	76.94610	13:11:00	D	3.20
183	KARNAL	KARNAL	S-NPP	29.72760	77.02550	13:11:00	D	6.40
184	KARNAL	KARNAL	S-NPP	29.76200	77.03190	13:11:00	D	7.00
185	KARNAL	KARNAL	S-NPP	29.77050	77.05870	13:11:00	D	5.20
186	KARNAL	KARNAL	AQUA	29.71600	76.89400	14:01:15	D	25.00
187	KARNAL	KARNAL	AQUA	29.71600	76.90000	14:01:15	D	25.30
188	KARNAL	KARNAL	AQUA	29.74100	77.02100	14:01:15	D	17.20
189	KARNAL	KARNAL	AQUA	29.75700	77.06800	14:01:15	D	10.40
190	KARNAL	NILOKHERI	S-NPP	29.76020	76.87710	13:11:00	D	4.80
191	KARNAL	NILOKHERI	S-NPP	29.79910	76.89910	13:11:00	D	5.50
192	KARNAL	NILOKHERI	S-NPP	29.80270	76.89830	13:11:00	D	5.50
193	KARNAL	NILOKHERI	S-NPP	29.82640	76.82430	13:11:00	D	6.70
194	KARNAL	NILOKHERI	S-NPP	29.86940	76.96020	13:11:00	D	5.40
195	KARNAL	NILOKHERI	S-NPP	29.90880	76.90410	13:11:00	D	3.50

196	KARNAL	NILOKHERI	AQUA	29.79900	76.83400	14:01:15	D	8.60
197	KARNAL	NILOKHERI	AQUA	29.80100	76.82700	14:01:15	D	10.20
198	KARNAL	NILOKHERI	AQUA	29.80300	76.84300	14:01:15	D	20.20
199	KARNAL	NILOKHERI	AQUA	29.81000	76.83300	14:01:15	D	16.90
200	KARNAL	NILOKHERI	AQUA	29.87900	76.72100	14:01:15	D	11.30
201	KURUKSHETRA	ISMAILABAD	S-NPP	30.07030	76.63440	13:11:00	D	4.00
202	KURUKSHETRA	ISMAILABAD	S-NPP	30.12290	76.65650	13:11:00	D	1.80
203	KURUKSHETRA	ISMAILABAD	S-NPP	30.13050	76.71890	13:11:00	D	6.30
204	KURUKSHETRA	ISMAILABAD	S-NPP	30.15690	76.76170	13:11:00	D	11.30
205	KURUKSHETRA	ISMAILABAD	S-NPP	30.16790	76.71980	13:11:00	D	1.80
206	KURUKSHETRA	ISMAILABAD	S-NPP	30.18950	76.69490	13:11:00	D	2.90
207	KURUKSHETRA	LADWA	AQUA	30.03800	77.02600	14:01:15	D	13.30
208	KURUKSHETRA	PEHOWA	S-NPP	29.93380	76.67230	13:11:00	D	5.50
209	KURUKSHETRA	PEHOWA	S-NPP	30.06890	76.52480	13:11:00	D	1.90
210	KURUKSHETRA	PEHOWA	S-NPP	30.07090	76.45380	13:11:00	D	2.50
211	KURUKSHETRA	PEHOWA	S-NPP	30.08850	76.57020	13:11:00	D	1.70
212	KURUKSHETRA	SHAHBAD	S-NPP	30.09500	76.92080	13:11:00	D	2.80
213	KURUKSHETRA	SHAHBAD	S-NPP	30.14620	76.76430	13:11:00	D	3.70
214	KURUKSHETRA	SHAHBAD	S-NPP	30.16510	76.91060	13:11:00	D	2.00
215	KURUKSHETRA	SHAHBAD	S-NPP	30.20300	76.91620	13:11:00	D	3.90
216	KURUKSHETRA	SHAHBAD	AQUA	30.18600	76.93400	14:01:15	D	11.70
217	KURUKSHETRA	THANESAR	S-NPP	29.92600	76.75330	13:11:00	D	8.10
218	KURUKSHETRA	THANESAR	S-NPP	29.94370	76.76880	13:11:00	D	22.80
219	KURUKSHETRA	THANESAR	S-NPP	29.97960	76.74050	13:11:00	D	3.30
220	KURUKSHETRA	THANESAR	S-NPP	29.99800	76.77340	13:11:00	D	3.60
221	KURUKSHETRA	THANESAR	S-NPP	30.05710	76.72980	13:11:00	D	4.00
222	KURUKSHETRA	THANESAR	S-NPP	30.09220	76.78030	13:11:00	D	2.10
223	PALWAL	PALWAL	S-NPP	28.11840	77.40610	13:11:00	D	3.00
224	PANIPAT	ISRANA	S-NPP	29.29630	76.72120	13:11:00	D	4.90
225	PANIPAT	PANIPAT	S-NPP	29.44980	77.05090	13:11:00	D	2.10
226	PANIPAT	PANIPAT	S-NPP	29.46370	77.00400	13:11:00	D	3.60
227	SIRSA	BARAGUNDA	S-NPP	29.79900	75.12830	13:11:00	D	7.00
228	SIRSA	BARAGUNDA	AQUA	29.78400	75.20900	14:01:15	D	43.50

229	SIRSA	BARAGUNDA	AQUA	29.78500	75.13200	14:01:15	D	20.30
230	SIRSA	DABWALI	S-NPP	29.95540	74.78990	13:11:00	D	10.90
231	SIRSA	NATHUSARI CHOPTA	S-NPP	29.48110	75.26150	13:11:00	D	4.00
232	SIRSA	NATHUSARI CHOPTA	S-NPP	29.50220	75.20340	13:11:00	D	2.80
233	SIRSA	ODHAN	S-NPP	29.82780	75.06770	13:11:00	D	34.10
234	SIRSA	ODHAN	S-NPP	29.86010	74.98200	13:11:00	D	4.50
235	SIRSA	ODHAN	S-NPP	29.86040	74.98590	13:11:00	D	4.70
236	SONIPAT	GANAUR	S-NPP	29.10520	76.89170	13:11:00	D	3.00
237	SONIPAT	MURTHAL	S-NPP	29.06310	77.09230	13:11:00	D	1.40
238	YAMUNANAGAR	BILASPUR	S-NPP	30.25180	77.27530	13:11:00	D	2.30
239	YAMUNANAGAR	BILASPUR	S-NPP	30.30730	77.31970	13:11:00	D	5.00
240	YAMUNANAGAR	BILASPUR	S-NPP	30.37300	77.28110	13:11:00	D	6.90
241	YAMUNANAGAR	BILASPUR	AQUA	30.24500	77.27400	14:01:15	D	18.20
242	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.25650	77.30220	13:11:00	D	2.70
243	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.26630	77.33720	13:11:00	D	6.10
244	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.26900	77.33190	13:11:00	D	2.10
245	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.23450	77.21830	13:11:00	D	5.80
246	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.24980	77.24290	13:11:00	D	3.80
247	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.27410	77.19490	13:11:00	D	3.90
248	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.27440	77.19640	13:11:00	D	3.30
249	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.27820	77.17670	13:11:00	D	6.20
250	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.29220	77.17340	13:11:00	D	2.60

Details of residue burning events in Uttar Pradesh on 24-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ALIGARH	KHAIR	S-NPP	27.96350	77.68570	13:11:00	D	3.90
2	ALIGARH	KHAIR	S-NPP	28.00740	77.53920	13:11:00	D	3.50
3	ALIGARH	KHAIR	S-NPP	28.04010	77.53660	13:11:00	D	2.90
4	ALIGARH	KHAIR	S-NPP	28.05610	77.79530	13:11:00	D	1.50
5	ALIGARH	KHAIR	S-NPP	28.06330	77.53280	13:11:00	D	1.90
6	ALLAHABAD	HADIYA	S-NPP	25.41470	82.17840	13:11:00	D	2.60
7	AURAIYA	AURAIYA	S-NPP	26.59130	79.24430	13:11:00	D	10.80
8	BAHRAICH	NANPARA	S-NPP	27.82400	81.48780	13:11:00	D	2.60
9	BARABANKI	FATEHPUR	S-NPP	27.07980	81.25890	13:11:00	D	3.20
10	BARABANKI	FATEHPUR	S-NPP	27.12490	81.24240	13:11:00	D	3.00
11	BARABANKI	FATEHPUR	S-NPP	27.16680	81.25430	13:11:00	D	1.40
12	BARABANKI	FATEHPUR	S-NPP	27.22480	81.25530	13:11:00	D	3.40
13	BARABANKI	NAWABGANJ	S-NPP	27.02780	81.27260	13:11:00	D	5.80
14	BARABANKI	RAMNAGAR	S-NPP	27.04270	81.30560	13:11:00	D	4.80
15	BARABANKI	RAMNAGAR	S-NPP	27.12750	81.28160	13:11:00	D	4.00
16	BAREILLY	AONLA	S-NPP	28.26360	79.22520	13:11:00	D	2.30
17	BAREILLY	AONLA	S-NPP	28.29380	79.19790	13:11:00	D	1.90
18	BAREILLY	BAHERI	S-NPP	28.70780	79.61500	13:11:00	D	2.50
19	BAREILLY	BAHERI	S-NPP	28.80620	79.63610	13:11:00	D	4.40
20	BAREILLY	BAHERI	S-NPP	28.88450	79.40560	13:11:00	D	4.70
21	BAREILLY	MIRGANJ	S-NPP	28.54810	79.27560	13:11:00	D	1.70
22	BAREILLY	MIRGANJ	S-NPP	28.56500	79.40100	13:11:00	D	1.90
23	BULANSAHAR	BULANSHAHR	S-NPP	28.52870	77.96560	13:11:00	D	6.10
24	BULANSAHAR	SIKANDARABAD	S-NPP	28.48130	77.69210	13:11:00	D	4.20
25	BULANSAHAR	SIKANDARABAD	S-NPP	28.49020	77.68080	13:11:00	D	2.30
26	BULANSAHAR	SIYANA	S-NPP	28.46570	78.17190	13:11:00	D	3.00
27	ETAWAH	BHARTHNA	S-NPP	26.63980	79.20080	13:11:00	D	3.60
28	ETAWAH	SAIFAI	S-NPP	26.90680	79.03670	13:11:00	D	2.40
29	FATEHPUR	BINKI	S-NPP	26.01920	80.57630	13:11:00	D	1.90

30	FATEHPUR	FATEHPUR	S-NPP	25.82820	81.02430	13:11:00	D	5.60
31	FATEHPUR	FATEHPUR	S-NPP	25.84650	80.66120	13:11:00	D	2.40
32	FATEHPUR	FATEHPUR	S-NPP	25.93810	80.68330	13:11:00	D	3.00
33	FATEHPUR	KHAGA	S-NPP	25.58810	81.19900	13:11:00	D	2.50
34	FATEHPUR	KHAGA	S-NPP	25.90920	81.17420	13:11:00	D	4.20
35	FATEHPUR	KHAGA	S-NPP	25.91260	81.06340	13:11:00	D	4.00
36	FATEHPUR	KHAGA	S-NPP	25.91650	81.06660	13:11:00	D	2.10
37	GAUTAMBUDHNAGAR	GAUTAMBUDHNAGAR	S-NPP	28.26820	77.53150	13:11:00	D	3.70
38	GAUTAMBUDHNAGAR	JEVAR	S-NPP	28.17900	77.65030	13:11:00	D	2.90
39	GAUTAMBUDHNAGAR	JEVAR	S-NPP	28.18000	77.65250	13:11:00	D	2.80
40	GAUTAMBUDHNAGAR	JEVAR	S-NPP	28.26690	77.53310	13:11:00	D	3.00
41	HAPUR	GARHMUKTESAR	S-NPP	28.83540	78.01870	13:11:00	D	1.50
42	HARDOI	BILGRAM	S-NPP	27.04320	80.19390	13:11:00	D	3.40
43	HARDOI	BILGRAM	S-NPP	27.10270	80.25080	13:11:00	D	1.70
44	HARDOI	HARDOI	S-NPP	27.42780	79.94860	13:11:00	D	3.30
45	HARDOI	HARDOI	S-NPP	27.44650	79.93670	13:11:00	D	2.40
46	HARDOI	SHAHABAD	S-NPP	27.56350	79.88080	13:11:00	D	1.60
47	KHERI	GOLA	S-NPP	27.97180	80.30180	13:11:00	D	4.00
48	KHERI	GOLA	S-NPP	27.97510	80.30110	13:11:00	D	1.50
49	KHERI	GOLA	S-NPP	27.97550	80.32520	13:11:00	D	1.00
50	KHERI	GOLA	S-NPP	27.98900	80.30240	13:11:00	D	10.00
51	KHERI	GOLA	S-NPP	28.11700	80.53910	13:11:00	D	2.60
52	KHERI	GOLA	S-NPP	28.17460	80.42730	13:11:00	D	2.40
53	KHERI	GOLA	S-NPP	28.20010	80.30980	13:11:00	D	5.90
54	KHERI	GOLA	S-NPP	28.21270	80.30330	13:11:00	D	3.60
55	KHERI	LAKHIMPUR	S-NPP	28.04290	80.64920	13:11:00	D	5.10
56	KHERI	MOHMADI	S-NPP	27.88450	80.06890	13:11:00	D	2.90
57	KHERI	MOHMADI	S-NPP	27.91530	80.15560	13:11:00	D	2.30
58	KHERI	MOHMADI	S-NPP	27.92110	80.27940	13:11:00	D	3.40
59	KHERI	MOHMADI	S-NPP	27.92650	80.09680	13:11:00	D	7.30
60	KHERI	MOHMADI	S-NPP	27.92910	80.15690	13:11:00	D	2.90
61	KHERI	MOHMADI	S-NPP	28.02950	80.27820	13:11:00	D	2.30
62	KHERI	MOHMADI	S-NPP	28.03220	80.27360	13:11:00	D	2.00

63	KHERI	MOHMADI	S-NPP	28.03960	80.21180	13:11:00	D	2.60
64	KHERI	MOHMADI	S-NPP	28.04620	80.21040	13:11:00	D	3.00
65	KHERI	MOHMADI	S-NPP	28.05140	80.22150	13:11:00	D	2.90
66	KHERI	MOHMADI	S-NPP	28.05240	80.29380	13:11:00	D	2.50
67	KHERI	MOHMADI	S-NPP	28.05660	80.27680	13:11:00	D	6.80
68	KHERI	MOHMADI	S-NPP	28.06840	80.28660	13:11:00	D	15.80
69	KHERI	MOHMADI	S-NPP	28.07980	80.25690	13:11:00	D	2.70
70	KHERI	MOHMADI	S-NPP	28.08640	80.25560	13:11:00	D	3.80
71	KHERI	MOHMADI	S-NPP	28.09300	80.25420	13:11:00	D	1.50
72	KHERI	MOHMADI	S-NPP	28.09360	80.25820	13:11:00	D	2.20
73	KHERI	MOHMADI	S-NPP	28.12800	80.25940	13:11:00	D	4.50
74	KHERI	MOHMADI	S-NPP	28.13130	80.25870	13:11:00	D	11.30
75	KHERI	MOHMADI	S-NPP	28.13190	80.26260	13:11:00	D	11.30
76	KHERI	MOHMADI	S-NPP	28.14820	80.27950	13:11:00	D	3.50
77	KHERI	MOHMADI	AQUA	27.90600	80.08700	14:01:15	D	27.70
78	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.10120	83.44810	13:11:00	D	3.10
79	MAINPURI	BHOGAON	S-NPP	27.17100	79.06430	13:11:00	D	4.10
80	MAINPURI	BHOGAON	S-NPP	27.17440	79.06360	13:11:00	D	4.10
81	MAINPURI	KARHAL	S-NPP	27.11120	79.04220	13:11:00	D	3.20
82	MAINPURI	KARHAL	S-NPP	27.11120	79.04280	13:11:00	D	3.00
83	MATHURA	CHHATA	S-NPP	27.77870	77.54030	13:11:00	D	6.20
84	MATHURA	CHHATA	S-NPP	27.82950	77.50640	13:11:00	D	6.30
85	MATHURA	CHHATA	S-NPP	27.92610	77.50850	13:11:00	D	4.10
86	MEERUT	MAWANA	S-NPP	28.98510	77.90070	13:11:00	D	4.00
87	MEERUT	MAWANA	S-NPP	28.98600	77.90140	13:11:00	D	4.90
88	PILHIBHIT	BISALPUR	S-NPP	28.10730	79.97640	13:11:00	D	3.00
89	PILHIBHIT	BISALPUR	S-NPP	28.25770	79.96680	13:11:00	D	2.30
90	PILHIBHIT	BISALPUR	S-NPP	28.28540	79.96930	13:11:00	D	4.20
91	PILHIBHIT	BISALPUR	S-NPP	28.35830	79.87340	13:11:00	D	1.30
92	PILHIBHIT	PILHIBHIT	S-NPP	28.73500	79.69970	13:11:00	D	2.20
93	PILHIBHIT	PILHIBHIT	S-NPP	28.80020	79.72750	13:11:00	D	3.10
94	PILHIBHIT	PILHIBHIT	S-NPP	28.80350	79.72680	13:11:00	D	3.10
95	PILHIBHIT	PILHIBHIT	S-NPP	28.83640	79.76100	13:11:00	D	2.70

96	PILHIBHIT	PILHIBHIT	S-NPP	28.84360	79.76360	13:11:00	D	6.30
97	PILHIBHIT	PILHIBHIT	S-NPP	28.84510	79.75110	13:11:00	D	3.00
98	PILHIBHIT	PILHIBHIT	S-NPP	28.84840	79.75040	13:11:00	D	3.00
99	PILHIBHIT	PURANPUR	S-NPP	28.33610	80.18190	13:11:00	D	1.40
100	PILHIBHIT	PURANPUR	S-NPP	28.34130	80.23740	13:11:00	D	2.90
101	PILHIBHIT	PURANPUR	S-NPP	28.34140	80.17280	13:11:00	D	1.30
102	PILHIBHIT	PURANPUR	S-NPP	28.34470	80.23670	13:11:00	D	1.40
103	PILHIBHIT	PURANPUR	S-NPP	28.34510	80.19630	13:11:00	D	6.90
104	PILHIBHIT	PURANPUR	S-NPP	28.34840	80.19560	13:11:00	D	6.90
105	PILHIBHIT	PURANPUR	S-NPP	28.34940	80.22370	13:11:00	D	2.40
106	PILHIBHIT	PURANPUR	S-NPP	28.34950	80.15900	13:11:00	D	4.40
107	PILHIBHIT	PURANPUR	S-NPP	28.35700	80.14130	13:11:00	D	5.70
108	PILHIBHIT	PURANPUR	S-NPP	28.36180	80.12820	13:11:00	D	9.30
109	PILHIBHIT	PURANPUR	S-NPP	28.36890	80.09060	13:11:00	D	3.40
110	PILHIBHIT	PURANPUR	S-NPP	28.37410	80.03690	13:11:00	D	6.20
111	PILHIBHIT	PURANPUR	S-NPP	28.46880	80.07450	13:11:00	D	2.30
112	PILHIBHIT	PURANPUR	S-NPP	28.48460	80.05120	13:11:00	D	4.00
113	PILHIBHIT	PURANPUR	S-NPP	28.49180	80.05380	13:11:00	D	2.70
114	PILHIBHIT	PURANPUR	S-NPP	28.49670	80.21470	13:11:00	D	2.50
115	PILHIBHIT	PURANPUR	S-NPP	28.50340	80.08390	13:11:00	D	2.00
116	PILHIBHIT	PURANPUR	S-NPP	28.52080	79.99920	13:11:00	D	3.40
117	PILHIBHIT	PURANPUR	S-NPP	28.53030	80.10280	13:11:00	D	2.20
118	PILHIBHIT	PURANPUR	S-NPP	28.53360	80.10210	13:11:00	D	2.90
119	PILHIBHIT	PURANPUR	S-NPP	28.53550	80.04900	13:11:00	D	1.80
120	PILHIBHIT	PURANPUR	S-NPP	28.63930	80.12630	13:11:00	D	2.40
121	PILHIBHIT	PURANPUR	AQUA	28.46000	80.21500	14:01:15	D	26.90
122	RAIBEARELI	SALON	S-NPP	25.96000	81.50650	13:11:00	D	3.50
123	RAIBEARELI	SALON	S-NPP	25.99900	81.51890	13:11:00	D	2.40
124	RAMPUR	BILASPUR	S-NPP	28.75630	79.24100	13:11:00	D	3.40
125	RAMPUR	BILASPUR	S-NPP	28.80300	79.26480	13:11:00	D	3.60
126	RAMPUR	BILASPUR	S-NPP	28.80630	79.26410	13:11:00	D	5.20
127	RAMPUR	BILASPUR	S-NPP	28.82240	79.23570	13:11:00	D	2.70
128	RAMPUR	BILASPUR	S-NPP	28.85150	79.32950	13:11:00	D	3.90

129	RAMPUR	BILASPUR	S-NPP	28.86540	79.18080	13:11:00	D	2.30
130	RAMPUR	BILASPUR	S-NPP	28.89050	79.19760	13:11:00	D	2.90
131	RAMPUR	BILASPUR	S-NPP	28.91790	79.40810	13:11:00	D	1.80
132	RAMPUR	BILASPUR	S-NPP	28.92010	79.35790	13:11:00	D	1.50
133	RAMPUR	BILASPUR	S-NPP	28.92250	79.20340	13:11:00	D	3.90
134	RAMPUR	BILASPUR	S-NPP	28.92770	79.25650	13:11:00	D	2.10
135	RAMPUR	BILASPUR	S-NPP	28.93070	79.38060	13:11:00	D	2.10
136	RAMPUR	MILAK	S-NPP	28.61510	79.14900	13:11:00	D	2.50
137	RAMPUR	MILAK	S-NPP	28.66210	79.08920	13:11:00	D	2.10
138	RAMPUR	RAMPUR	S-NPP	28.81730	79.14070	13:11:00	D	3.00
139	RAMPUR	SUAR	S-NPP	28.86870	79.18010	13:11:00	D	2.90
140	RAMPUR	SUAR	S-NPP	28.87980	79.17480	13:11:00	D	2.20
141	RAMPUR	SUAR	S-NPP	28.88310	79.17410	13:11:00	D	2.20
142	RAMPUR	SUAR	S-NPP	28.95130	79.18900	13:11:00	D	3.00
143	RAMPUR	SUAR	S-NPP	28.99530	79.17590	13:11:00	D	2.20
144	RAMPUR	TANDA	S-NPP	29.04170	78.95180	13:11:00	D	2.40
145	SAMBHAL	CHANDAUSI	S-NPP	28.48380	78.75770	13:11:00	D	3.50
146	SHAHJAHANPUR	PUWANYA	S-NPP	28.05060	79.94320	13:11:00	D	25.20
147	SHAHJAHANPUR	PUWANYA	S-NPP	28.09660	80.23340	13:11:00	D	2.80
148	SHAHJAHANPUR	PUWANYA	S-NPP	28.10490	80.19950	13:11:00	D	1.70
149	SHAHJAHANPUR	PUWANYA	S-NPP	28.13230	80.11320	13:11:00	D	11.30
150	SHAHJAHANPUR	PUWANYA	S-NPP	28.13770	80.04120	02:01:00	N	1.20
151	SHAHJAHANPUR	PUWANYA	S-NPP	28.13850	80.15240	13:11:00	D	2.10
152	SHAHJAHANPUR	PUWANYA	S-NPP	28.15210	80.17390	13:11:00	D	8.00
153	SHAHJAHANPUR	PUWANYA	S-NPP	28.15340	80.11710	13:11:00	D	1.20
154	SHAHJAHANPUR	PUWANYA	S-NPP	28.15770	80.08610	02:01:00	N	0.60
155	SHAHJAHANPUR	PUWANYA	S-NPP	28.15800	80.06390	13:11:00	D	2.90
156	SHAHJAHANPUR	PUWANYA	S-NPP	28.15800	80.14730	02:01:00	N	0.50
157	SHAHJAHANPUR	PUWANYA	S-NPP	28.15900	80.09200	13:11:00	D	2.80
158	SHAHJAHANPUR	PUWANYA	S-NPP	28.15980	80.07570	13:11:00	D	2.00
159	SHAHJAHANPUR	PUWANYA	S-NPP	28.16130	80.06320	13:11:00	D	2.50
160	SHAHJAHANPUR	PUWANYA	S-NPP	28.16190	80.06710	13:11:00	D	2.20
161	SHAHJAHANPUR	PUWANYA	S-NPP	28.16650	80.07430	13:11:00	D	4.50

162	SHAHJAHANPUR	PUWANYA	S-NPP	28.17790	80.05990	13:11:00	D	2.70
163	SHAHJAHANPUR	PUWANYA	S-NPP	28.19930	80.15270	13:11:00	D	37.10
164	SHAHJAHANPUR	PUWANYA	S-NPP	28.19990	80.15660	13:11:00	D	8.40
165	SHAHJAHANPUR	PUWANYA	S-NPP	28.20510	80.27660	13:11:00	D	3.40
166	SHAHJAHANPUR	PUWANYA	S-NPP	28.20800	80.20750	13:11:00	D	1.70
167	SHAHJAHANPUR	PUWANYA	S-NPP	28.21730	80.20160	13:11:00	D	1.30
168	SHAHJAHANPUR	PUWANYA	S-NPP	28.22620	80.17150	13:11:00	D	5.80
169	SHAHJAHANPUR	PUWANYA	S-NPP	28.26540	80.05850	13:11:00	D	2.40
170	SHAHJAHANPUR	PUWANYA	S-NPP	28.26540	80.12330	13:11:00	D	3.40
171	SHAHJAHANPUR	PUWANYA	S-NPP	28.27490	80.16180	13:11:00	D	11.90
172	SHAHJAHANPUR	PUWANYA	S-NPP	28.28130	80.30570	13:11:00	D	4.50
173	SHAHJAHANPUR	PUWANYA	S-NPP	28.28330	80.17230	13:11:00	D	2.90
174	SHAHJAHANPUR	PUWANYA	S-NPP	28.28670	80.17160	13:11:00	D	4.70
175	SHAHJAHANPUR	PUWANYA	S-NPP	28.29780	80.14700	02:01:00	N	1.30
176	SHAHJAHANPUR	PUWANYA	S-NPP	28.29930	80.10030	13:11:00	D	36.80
177	SHAHJAHANPUR	PUWANYA	S-NPP	28.29990	80.10420	13:11:00	D	5.70
178	SHAHJAHANPUR	PUWANYA	S-NPP	28.30060	79.97840	13:11:00	D	2.50
179	SHAHJAHANPUR	PUWANYA	S-NPP	28.30220	80.14020	13:11:00	D	2.00
180	SHAHJAHANPUR	PUWANYA	S-NPP	28.30650	80.16760	13:11:00	D	5.80
181	SHAHJAHANPUR	PUWANYA	S-NPP	28.30820	80.13490	13:11:00	D	2.20
182	SHAHJAHANPUR	PUWANYA	S-NPP	28.31680	80.18980	13:11:00	D	4.30
183	SHAHJAHANPUR	PUWANYA	S-NPP	28.32100	80.17280	13:11:00	D	5.10
184	SHAHJAHANPUR	PUWANYA	S-NPP	28.32150	80.00260	13:11:00	D	4.30
185	SHAHJAHANPUR	PUWANYA	S-NPP	28.32160	80.17670	13:11:00	D	5.10
186	SHAHJAHANPUR	PUWANYA	S-NPP	28.32270	80.07530	13:11:00	D	7.60
187	SHAHJAHANPUR	PUWANYA	S-NPP	28.32540	80.07080	13:11:00	D	2.20
188	SHAHJAHANPUR	PUWANYA	S-NPP	28.32540	80.13550	13:11:00	D	2.30
189	SHAHJAHANPUR	PUWANYA	S-NPP	28.32770	80.10680	13:11:00	D	4.00
190	SHAHJAHANPUR	PUWANYA	S-NPP	28.32970	80.09820	13:11:00	D	5.50
191	SHAHJAHANPUR	PUWANYA	S-NPP	28.33040	80.10220	13:11:00	D	5.50
192	SHAHJAHANPUR	PUWANYA	S-NPP	28.33270	80.07330	13:11:00	D	14.20
193	SHAHJAHANPUR	PUWANYA	S-NPP	28.33330	80.07730	13:11:00	D	14.20
194	SHAHJAHANPUR	PUWANYA	S-NPP	28.33340	80.12180	13:11:00	D	4.90

195	SHAHJAHANPUR	PUWANYA	S-NPP	28.33680	80.12110	13:11:00	D	4.90
196	SHAHJAHANPUR	PUWANYA	AQUA	28.11800	80.12600	14:01:15	D	26.10
197	SHAHJAHANPUR	PUWANYA	AQUA	28.30900	80.13500	14:01:15	D	20.00
198	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.78500	79.86560	13:11:00	D	5.50
199	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.81820	79.99710	13:11:00	D	6.30
200	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.82450	79.69420	13:11:00	D	1.20
201	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.83660	79.68350	13:11:00	D	3.80
202	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.84870	79.67280	13:11:00	D	4.50
203	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.85440	79.70860	13:11:00	D	3.10
204	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.86580	79.83840	02:01:00	N	0.30
205	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.89130	79.66860	13:11:00	D	4.70
206	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.99160	79.86480	13:11:00	D	1.90
207	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.99490	79.86410	13:11:00	D	5.20
208	SHAHJAHANPUR	TILHAR	S-NPP	27.89530	79.67190	13:11:00	D	2.80
209	SHAHJAHANPUR	TILHAR	S-NPP	27.99360	79.65270	13:11:00	D	4.30
210	SHARANPUR	BEHAT	S-NPP	30.06950	77.66440	13:11:00	D	4.10
211	SHARANPUR	BEHAT	S-NPP	30.07320	77.72710	13:11:00	D	5.00
212	SHARANPUR	BEHAT	S-NPP	30.07370	77.66800	13:11:00	D	4.40
213	SITAPUR	MAHMUDABAD	S-NPP	27.27560	81.16640	13:11:00	D	2.20
214	SITAPUR	MAHMUDABAD	S-NPP	27.28620	81.12460	13:11:00	D	4.40
215	SITAPUR	MAHMUDABAD	S-NPP	27.32460	81.15320	13:11:00	D	2.60

Details of residue burning events in Rajasthan on 24-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARAN	KISHANGUNJ	S-NPP	24.87300	76.87210	13:11:00	D	3.20
2	BARAN	KISHANGUNJ	S-NPP	24.87650	76.87410	13:11:00	D	5.80
3	BARAN	KISHANGUNJ	AQUA	24.87700	76.86200	14:01:15	D	10.00
4	BUNDI	KESHORAIPATAN	S-NPP	25.47110	76.03810	13:11:00	D	7.40
5	HANUMANGARH	TIBI	S-NPP	29.36850	74.44530	13:11:00	D	2.50
6	HANUMANGARH	TIBI	S-NPP	29.48310	74.53650	13:11:00	D	3.50
7	HANUMANGARH	TIBI	S-NPP	29.49110	74.55570	13:11:00	D	2.40

Details of residue burning events in Delhi on 24-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	NORTH	NARELA	S-NPP	28.7774	77.031	13:11:00	D	1.80
2	NORTH	NARELA	S-NPP	28.7895	77.0771	13:11:00	D	3.00

Details of residue burning events in Madhya Pradesh on 24-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BHIND	LAHAR	S-NPP	26.09660	78.84170	13:11:00	D	2.40
2	BHIND	LAHAR	S-NPP	26.11530	78.86020	13:11:00	D	2.20
3	DAMOH	JABERA	S-NPP	23.56780	79.79770	13:11:00	D	1.30
4	DATIA	BHANDER	S-NPP	25.80810	78.78100	13:11:00	D	2.20
5	DATIA	SEONDHA	S-NPP	25.81440	78.54400	13:11:00	D	2.70
6	DATIA	SEONDHA	S-NPP	25.92910	78.53880	13:11:00	D	2.10
7	DATIA	SEONDHA	S-NPP	26.06400	78.81790	13:11:00	D	3.00
8	DATIA	SEONDHA	S-NPP	26.11500	78.73330	13:11:00	D	1.30
9	GWALIOR	DABRA	S-NPP	25.81400	78.25400	13:11:00	D	1.40
10	HOSHANGABAD	BABAI	S-NPP	22.65700	77.98910	13:11:00	D	3.30
11	HOSHANGABAD	HOSHANGABAD	S-NPP	22.66810	77.64640	13:11:00	D	10.80
12	JABALPUR	SAHPURA	S-NPP	23.05790	79.65770	13:11:00	D	4.70
13	JABALPUR	SAHPURA	S-NPP	23.13740	79.41890	13:11:00	D	1.20
14	NARSHIMAPURA	GADARWARA	S-NPP	22.89480	78.67520	02:01:00	N	0.30
15	NARSHIMAPURA	GADARWARA	S-NPP	22.94290	78.63230	13:11:00	D	2.40
16	SEHORE	BUDHNI	S-NPP	22.77120	77.41810	13:11:00	D	4.70
17	SEHORE	NASRULLAHGANJ	S-NPP	22.81560	77.39610	13:11:00	D	3.90
18	SEHORE	NASRULLAHGANJ	AQUA	22.65300	77.36800	14:01:15	D	10.60
19	SEONI	GHANSAUR	S-NPP	22.81650	79.89480	13:11:00	D	5.50
20	SEONI	SEONI	S-NPP	22.01730	79.41240	13:11:00	D	2.50
21	SEONI	SEONI	S-NPP	22.25000	79.81980	13:11:00	D	9.00
22	SHIVPURI	SHIVPURI	S-NPP	25.33880	77.79670	13:11:00	D	6.80
23	VIDESHA	GYARASPUR	S-NPP	23.55940	77.99980	13:11:00	D	3.50
24	VIDESHA	GYARASPUR	S-NPP	23.55990	77.99670	13:11:00	D	2.30
25	VIDESHA	GYARASPUR	S-NPP	23.57420	78.03330	13:11:00	D	3.20
26	VIDESHA	LETERI	S-NPP	23.98110	77.55680	13:11:00	D	2.30

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**

Study Team

ICAR - IARI	Dr V.K. Sehgal	Principal & Nodal Scientist	iaricreams@gmail.com
	Dr Rajkumar Dhakar	Scientist	rajdhakar.iari@gmail.com
	Mr Mohd Jahangir	Lab Assistant (KRISHI)	mjahangir198@gmail.com
ICAR - ATARI	Dr Rajbir Singh	Director ATARI (Zone-I) Ludhiana	rajbirsingh.zpd@gmail.com
	Dr S.K. Singh	Director ATARI (Zone-II) Jodhpur	sushilsinghiipr@yahoo.co.in
	Dr Atar Singh	Director ATARI (Zone-III) Kanpur	zpdicarkanpur@gmail.com
ICAR - IASRI	Dr Rajender Parsad	Director	rajender.parsad@icar.gov.in

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>)
