



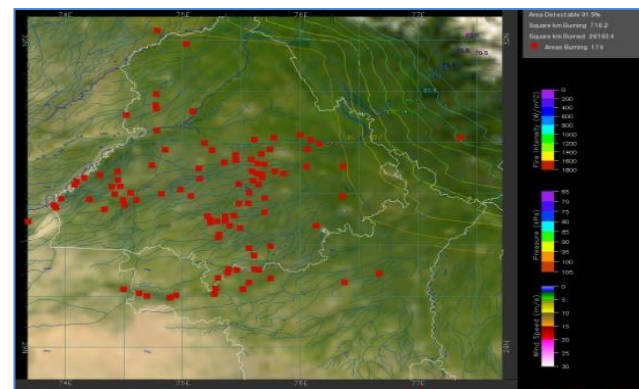
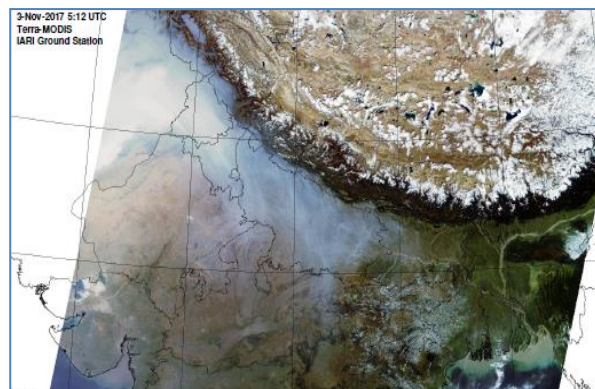
Bulletin No. 43

Events Date:
27-Oct-2022

Issued on:
27-Oct-2022



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



Prepared by:

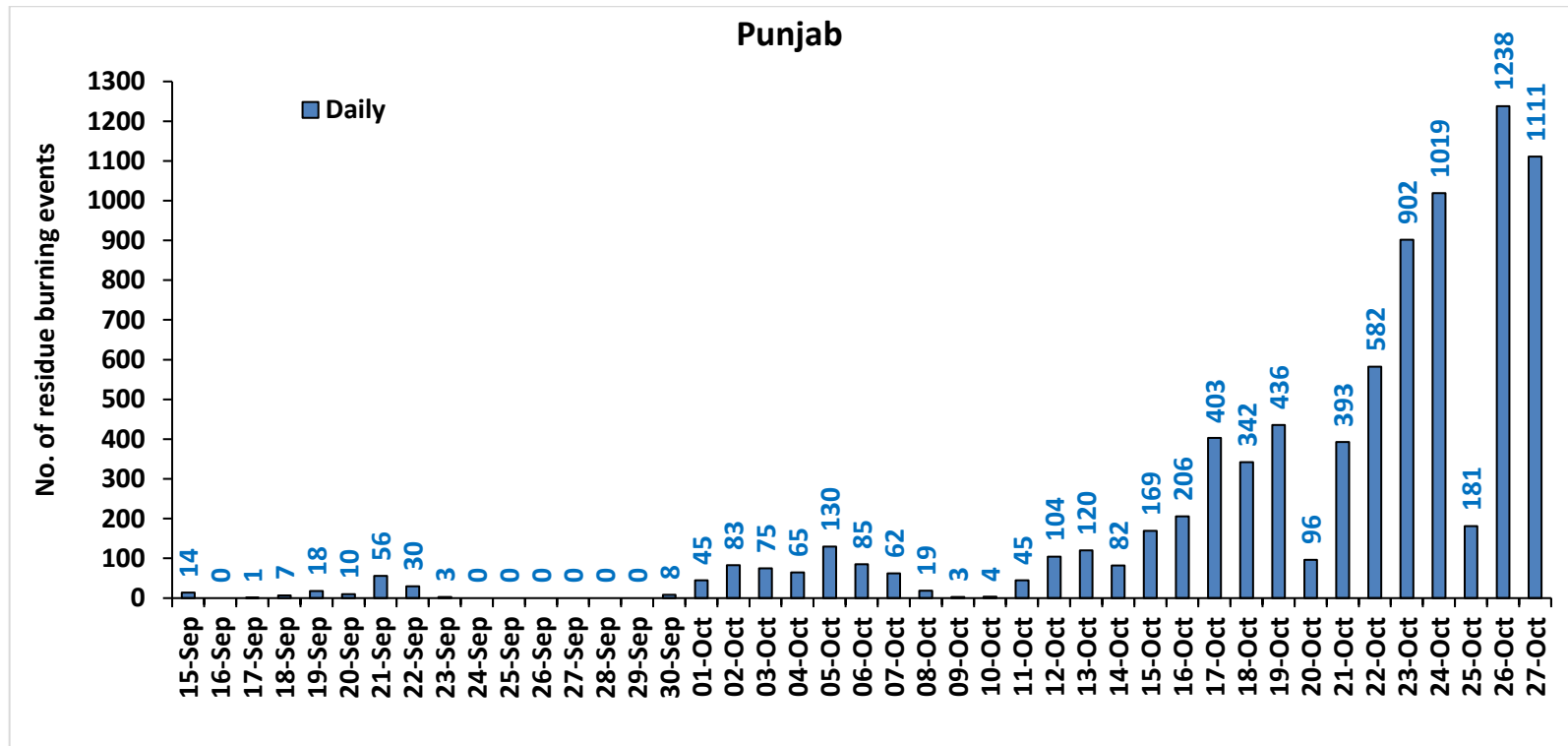
Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012

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

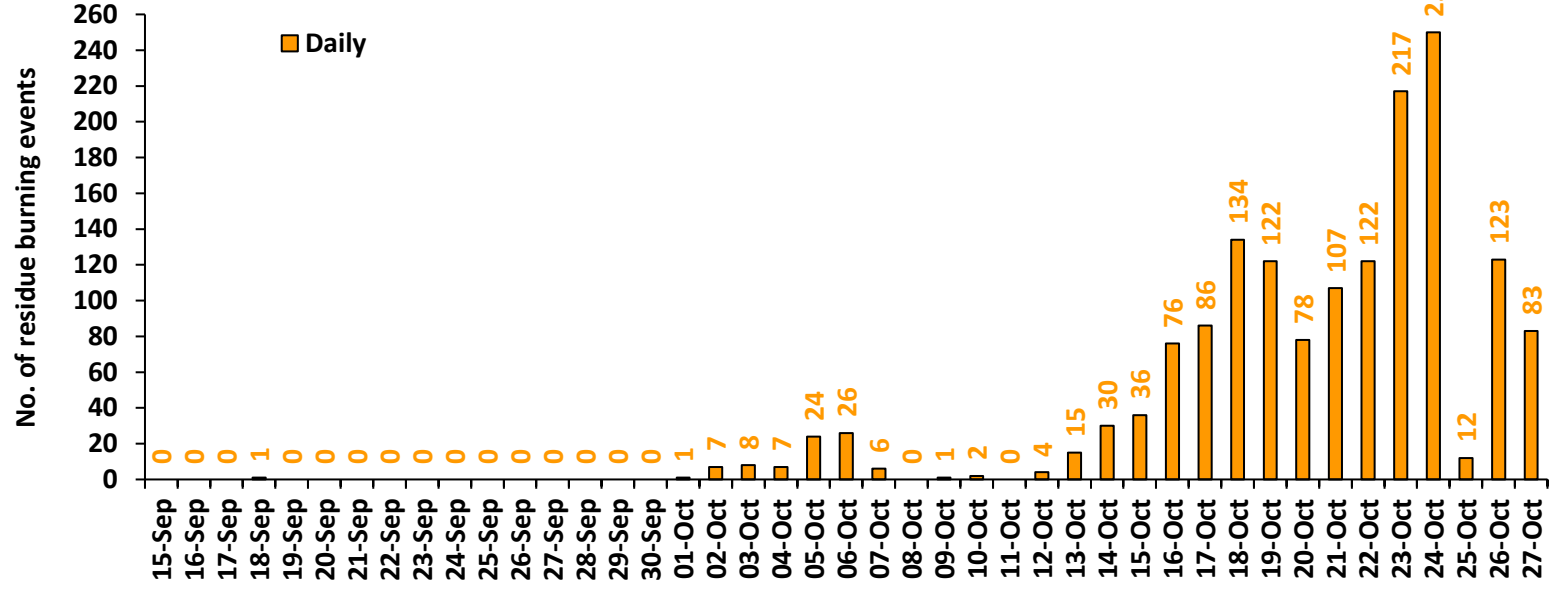
Highlights for 27-Oct-2022

- 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 **1276** residue burning events in the six study States on 27-Oct-2022.
- The state wise events detected on 27-Oct-2022 were **1111** in Punjab, **83** in Haryana, **23** in UP, **0** in Delhi, **21** in Rajasthan and **38** in MP.
- Total **10787** burning events were detected in the six states between 15-Sept-2022 and 27-Oct-2022, which are distributed as **8147**, **1578**, **607**, **5**, **143** and **305** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

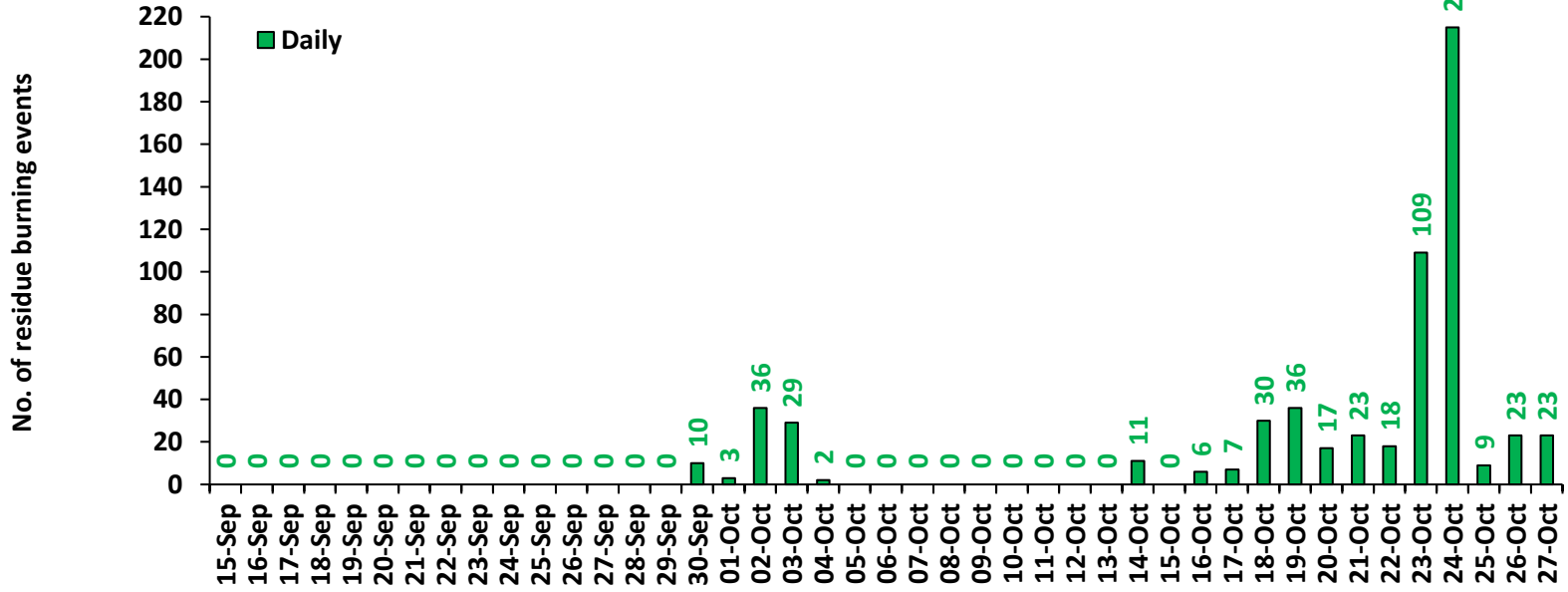
Temporal distribution of rice residue burning events for the study States in 2022



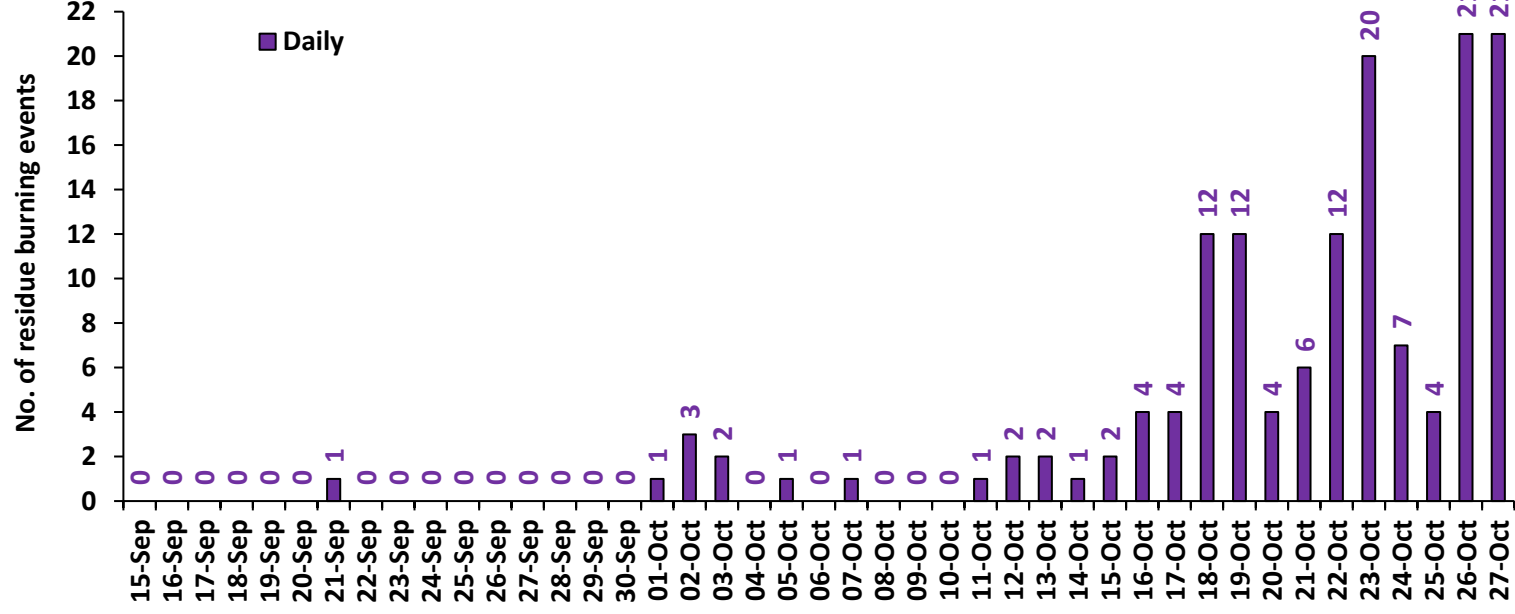
Haryana



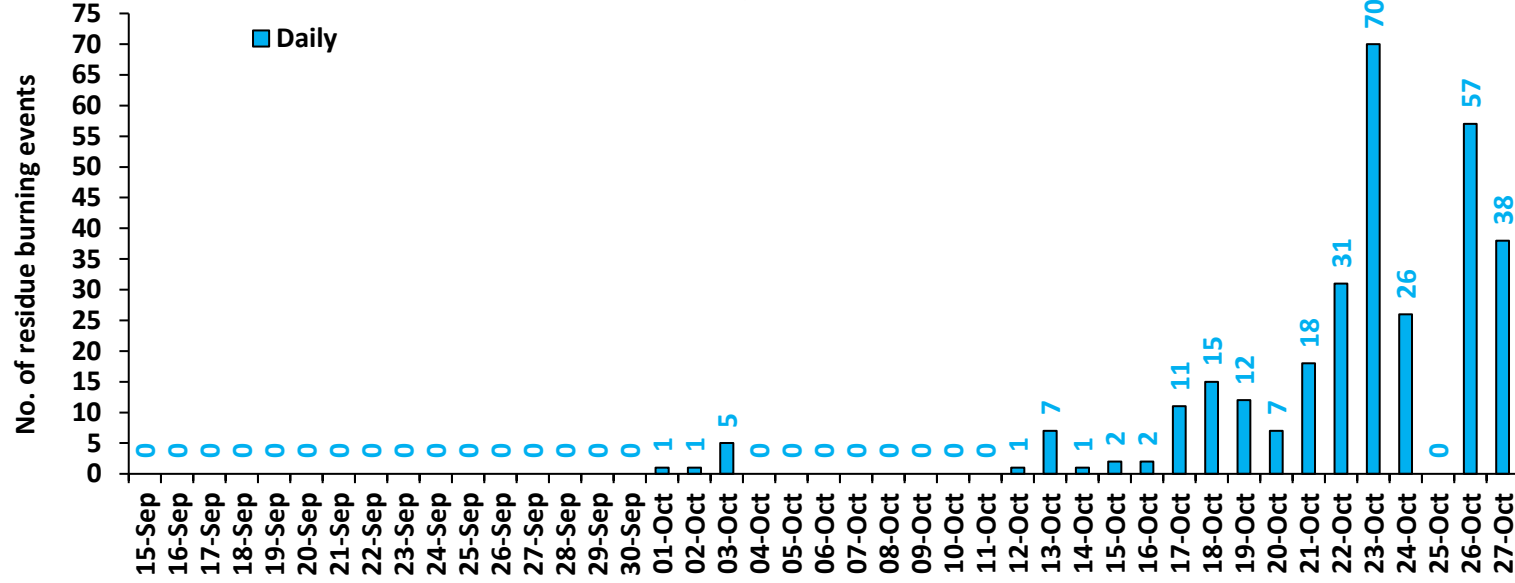
Uttar Pradesh

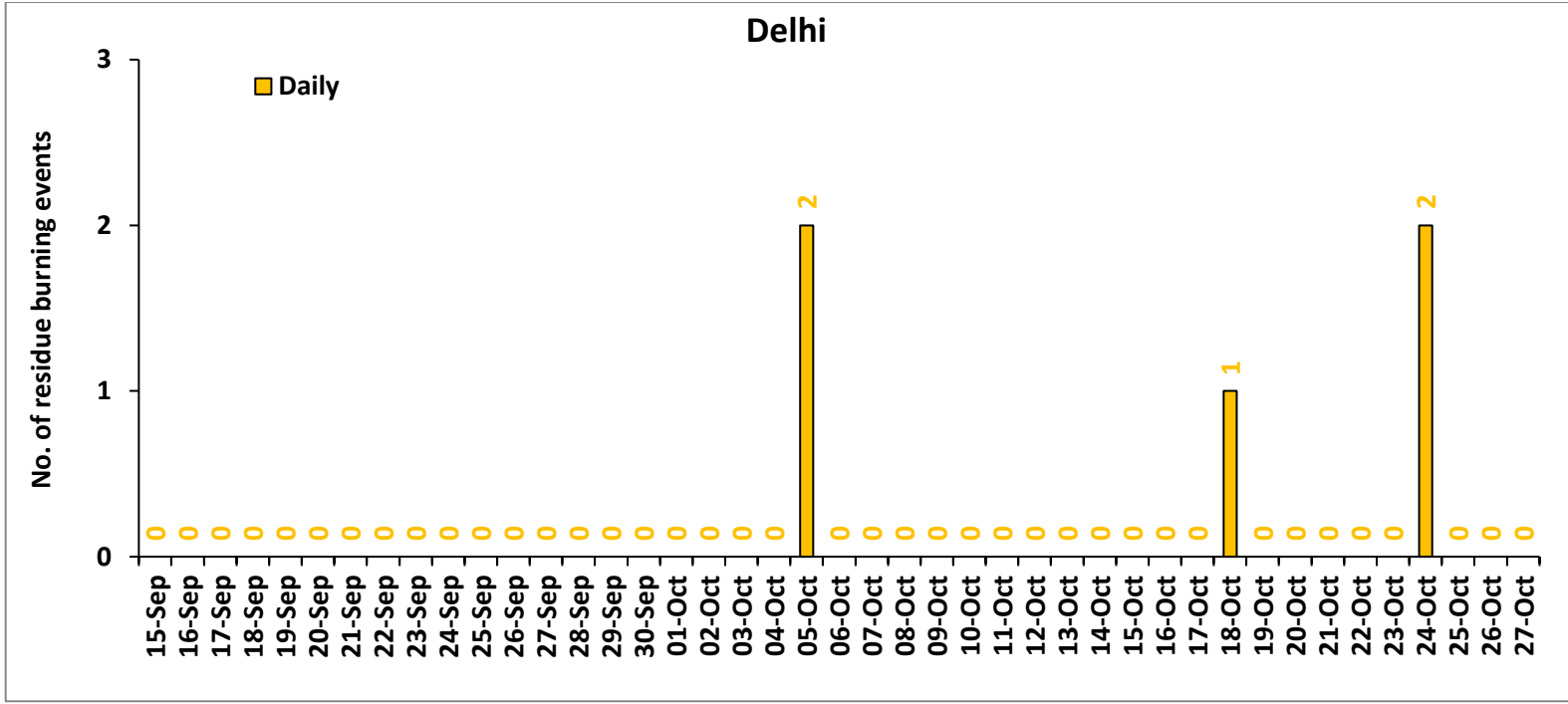


Rajasthan

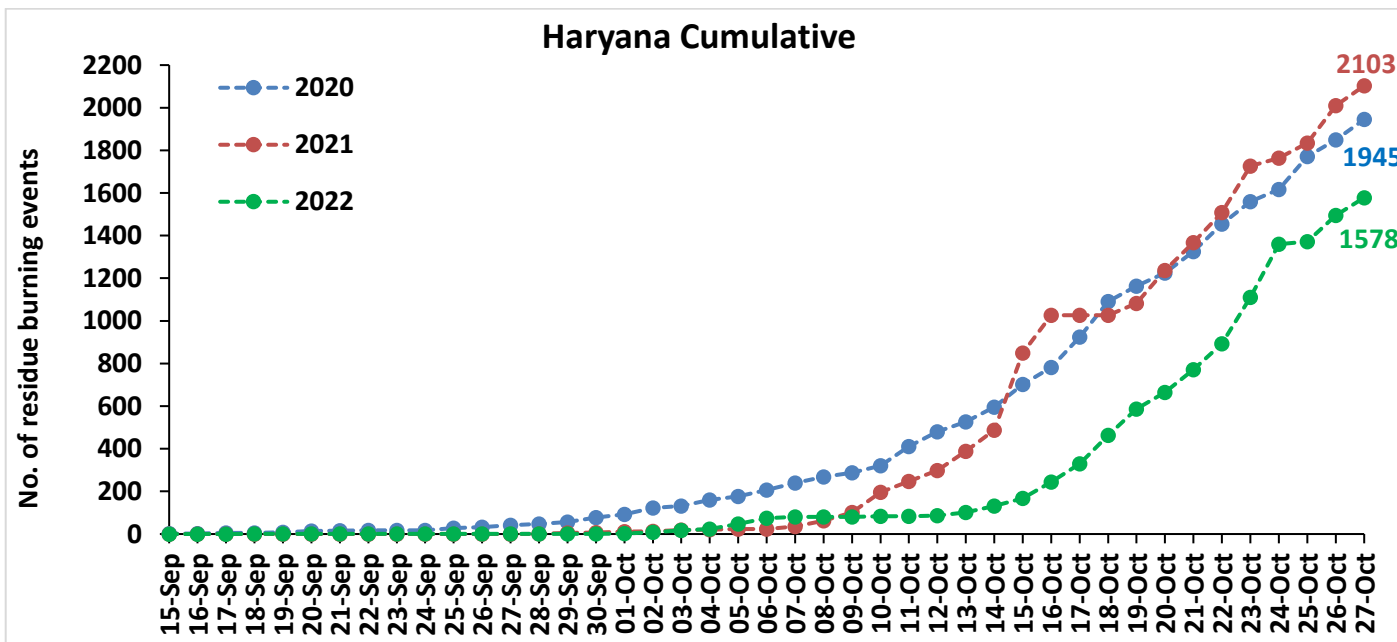
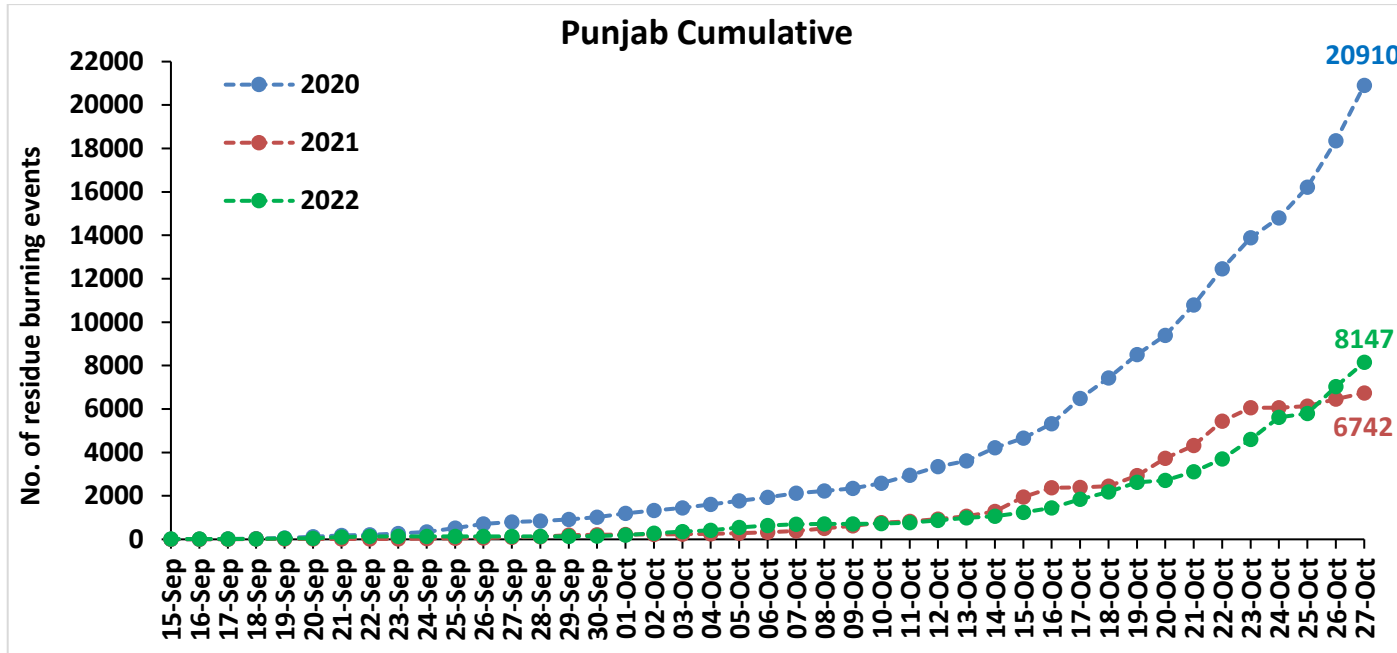


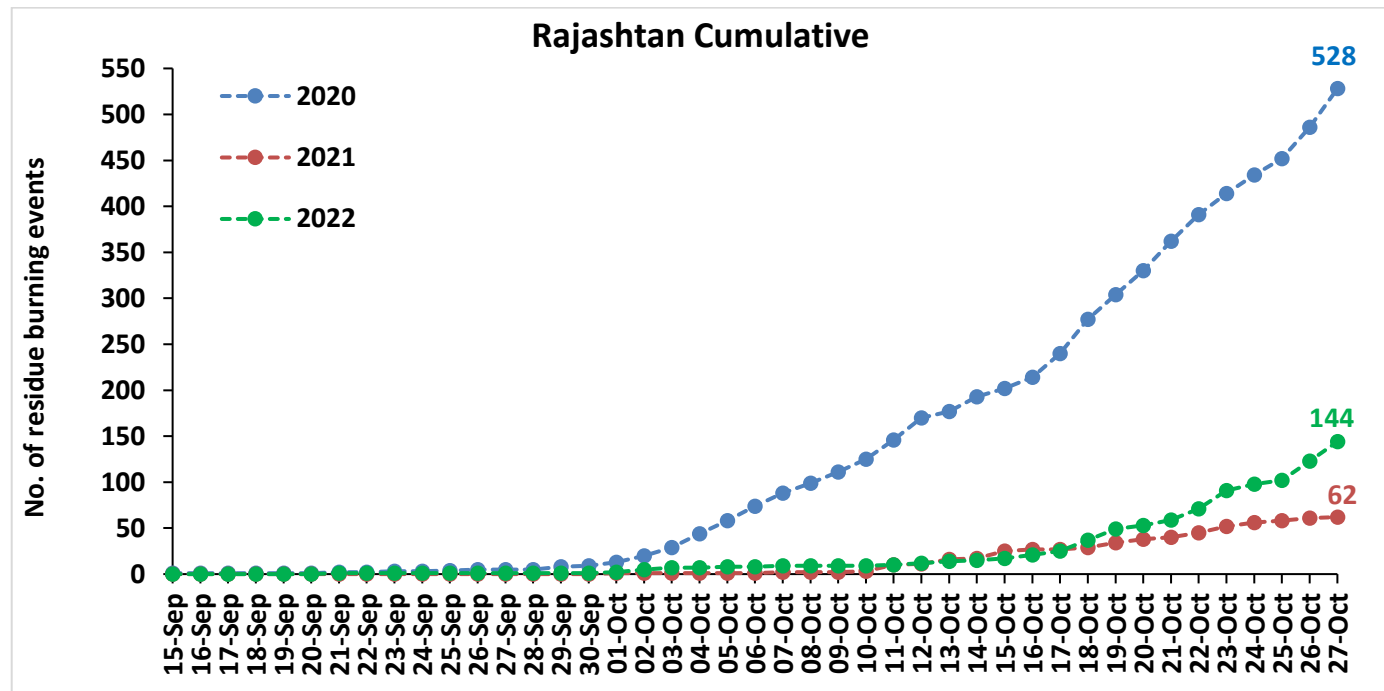
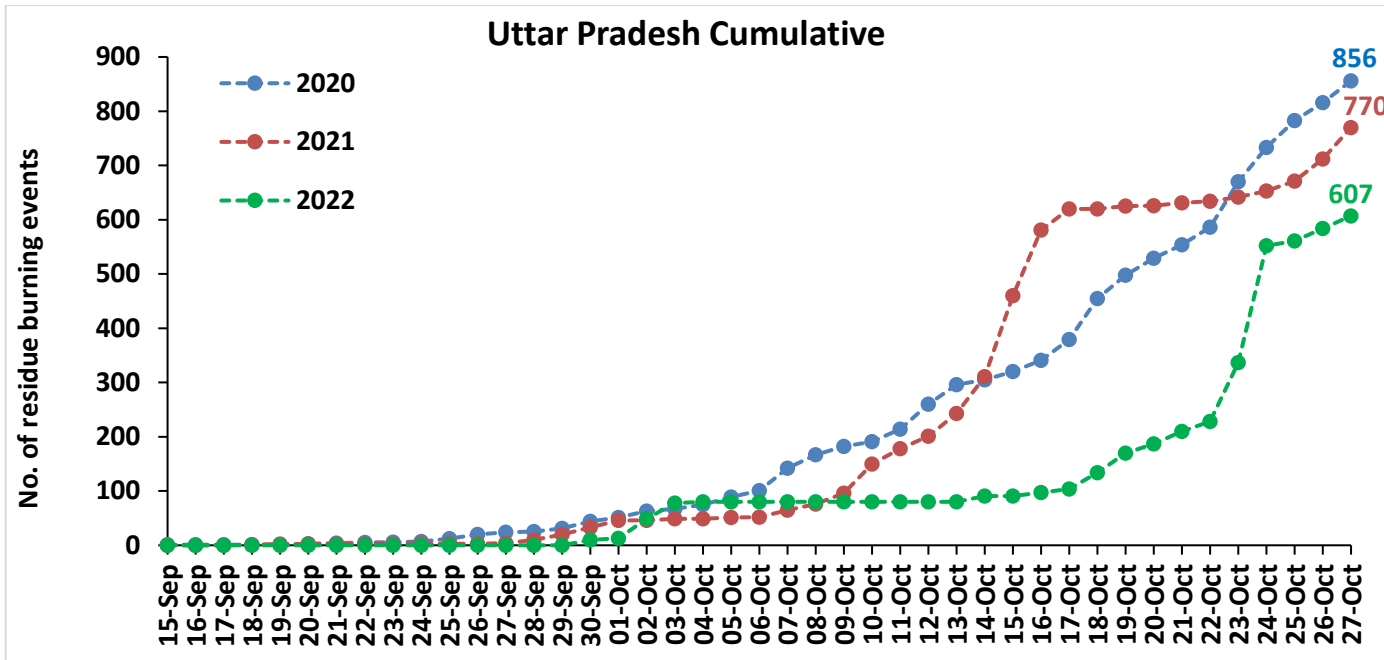
Madhya Pradesh

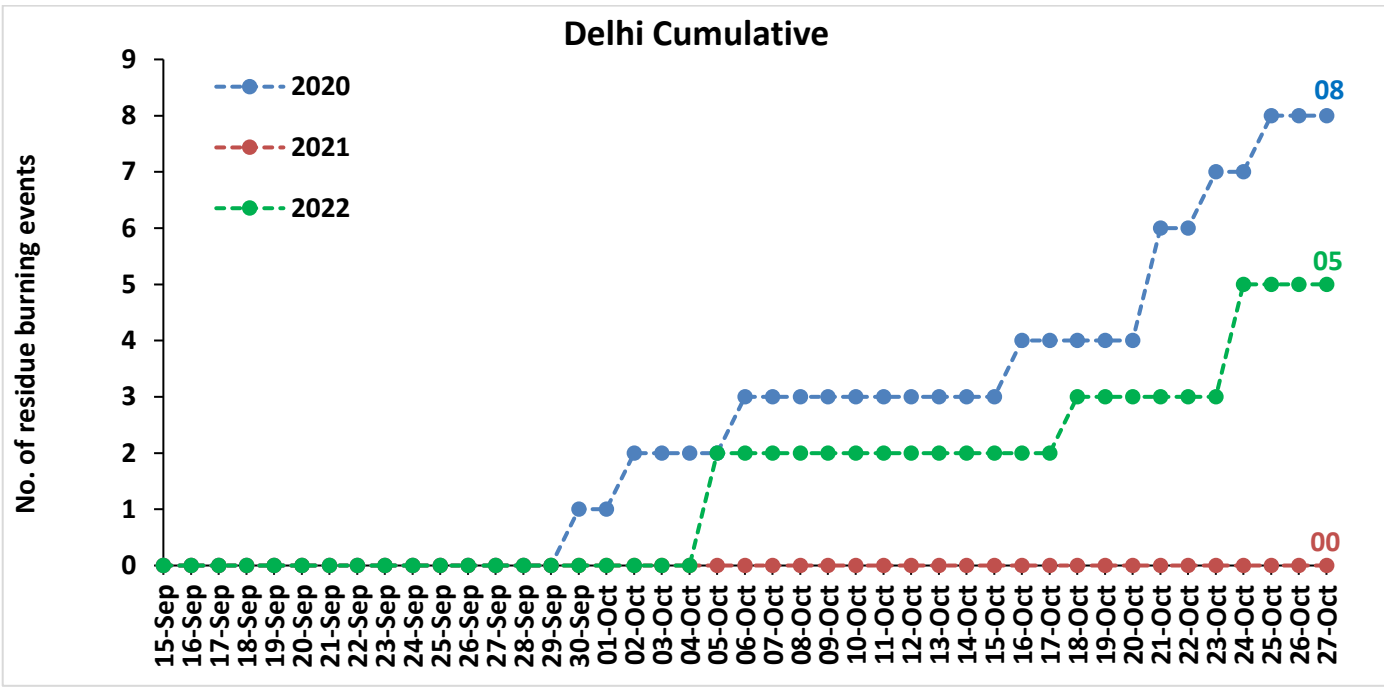
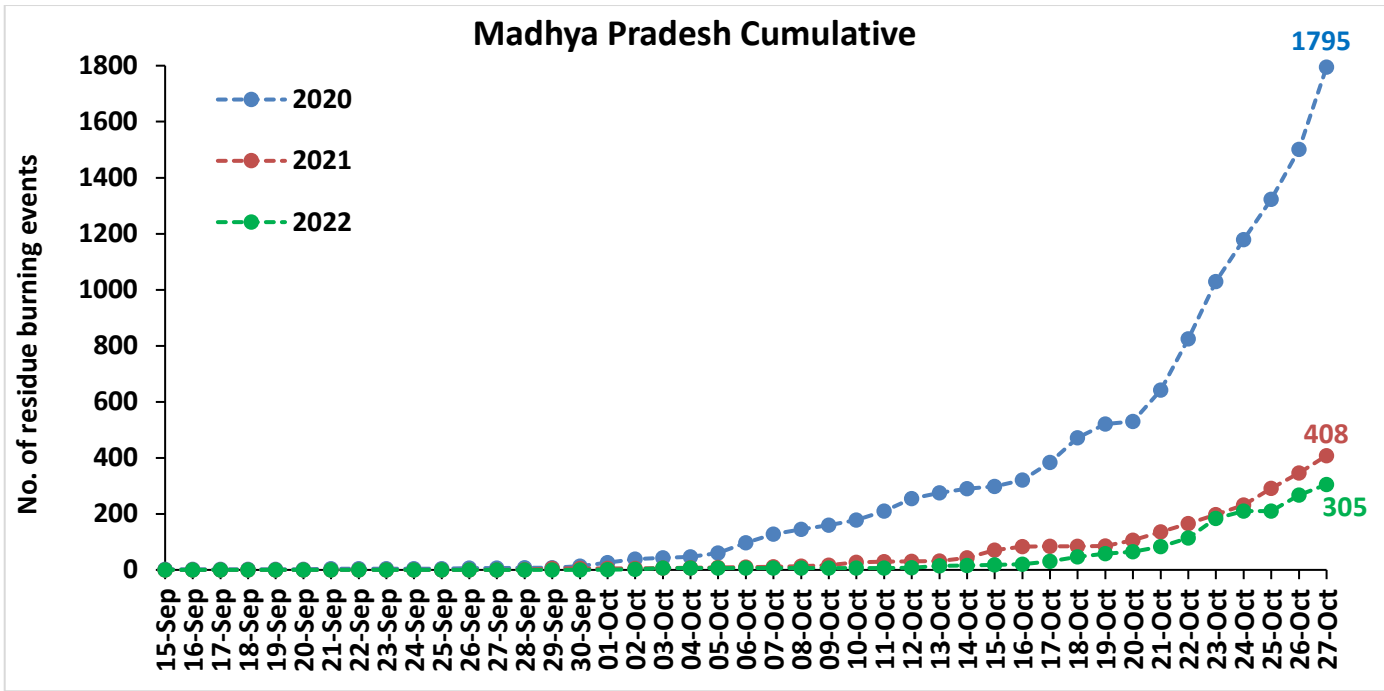




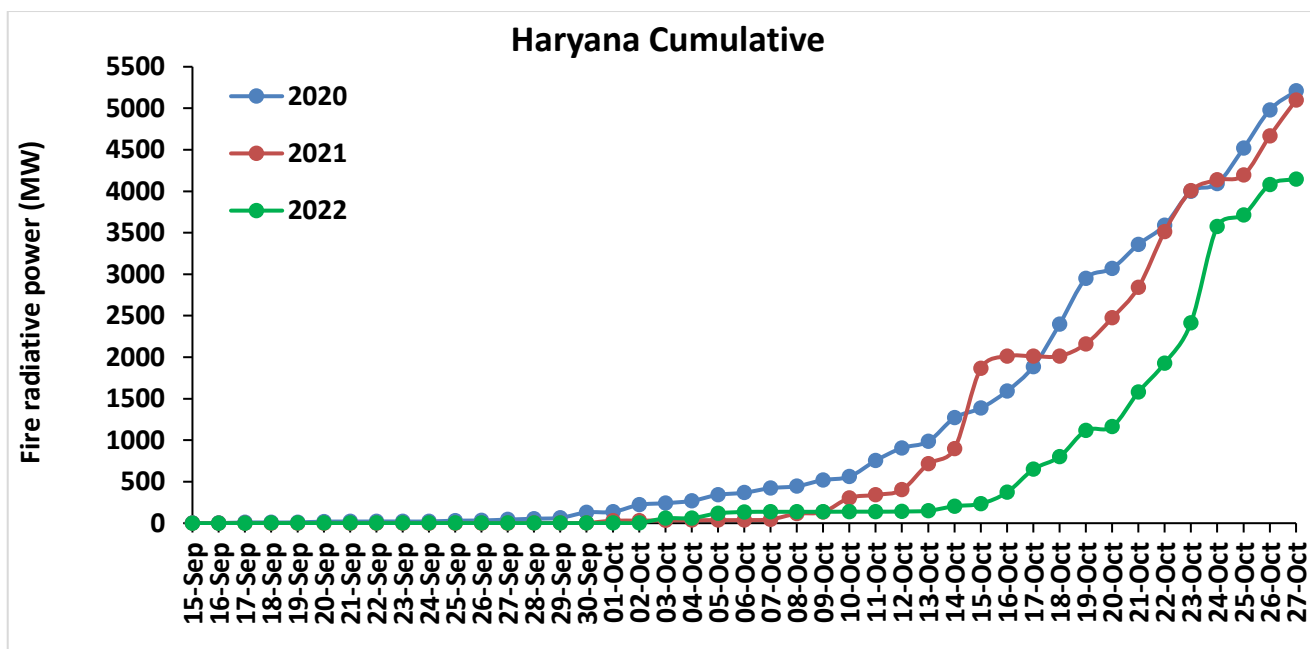
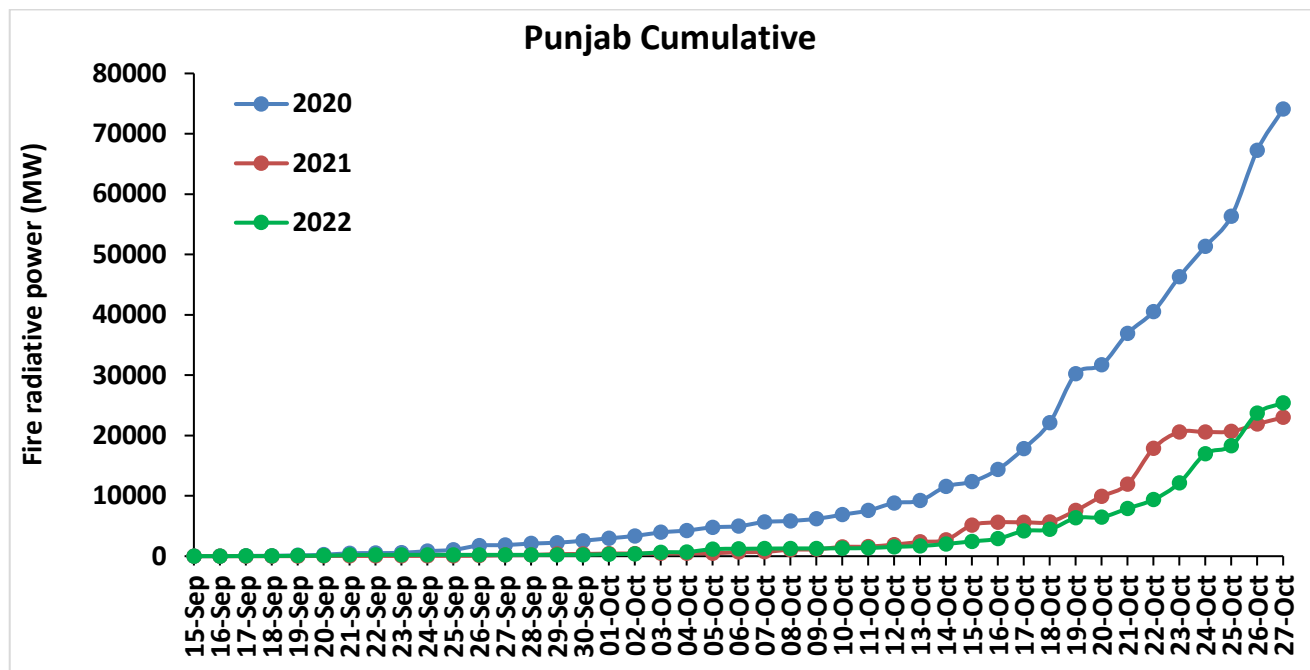
Comparison of residue burning events in current year (2022) with previous years (2020 and 2021) for the study States

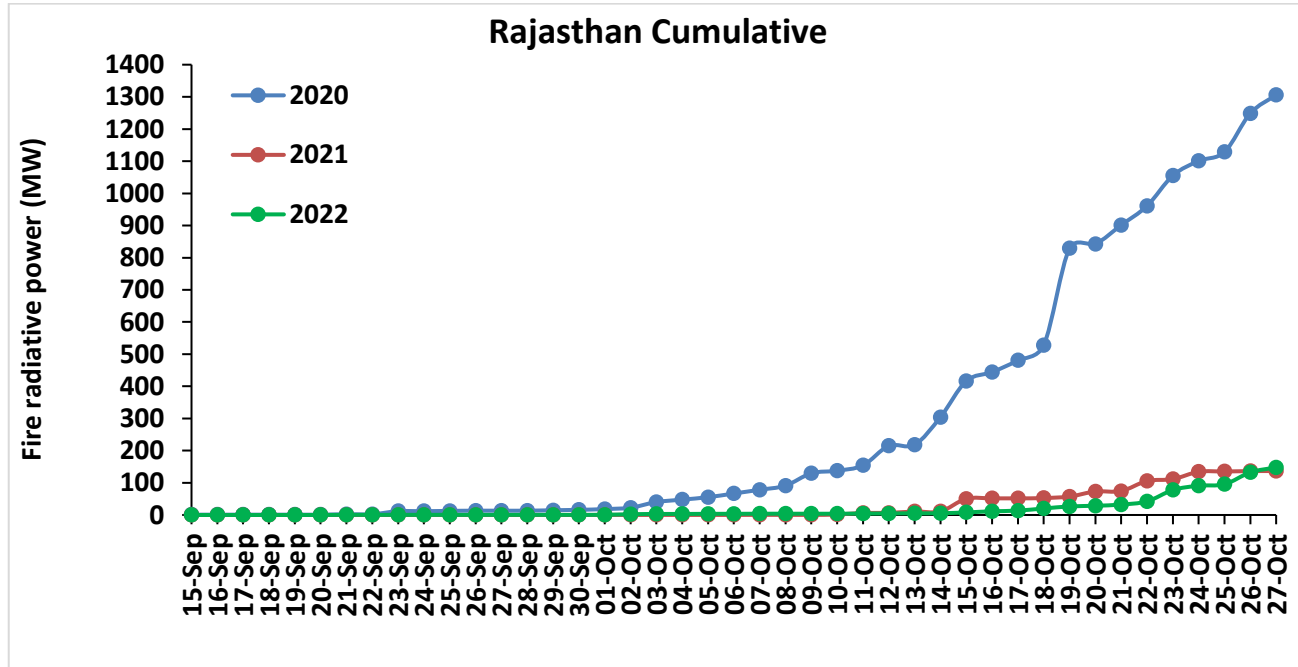
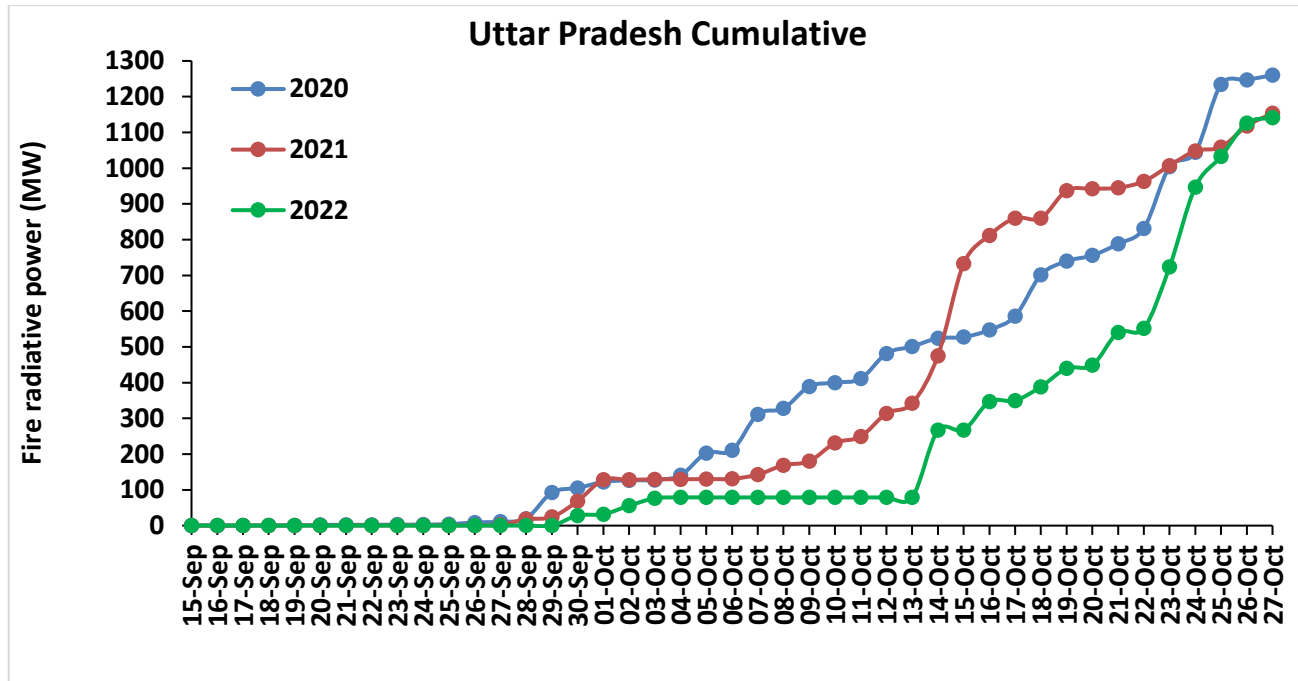


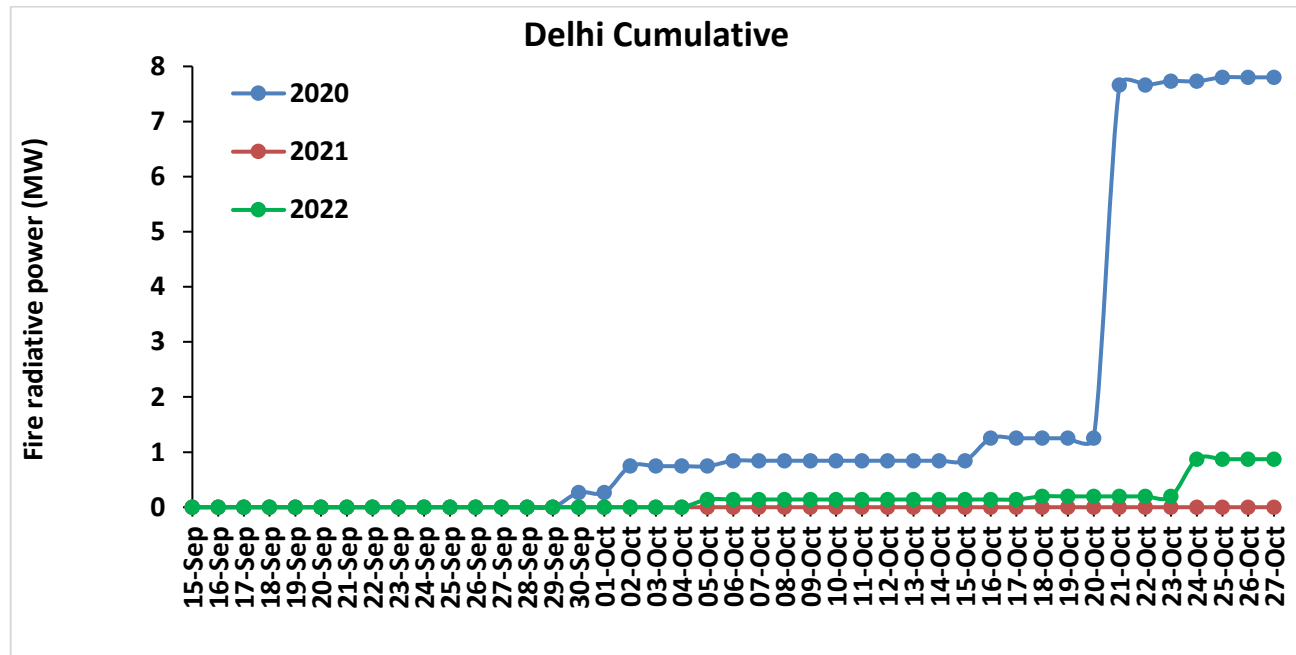
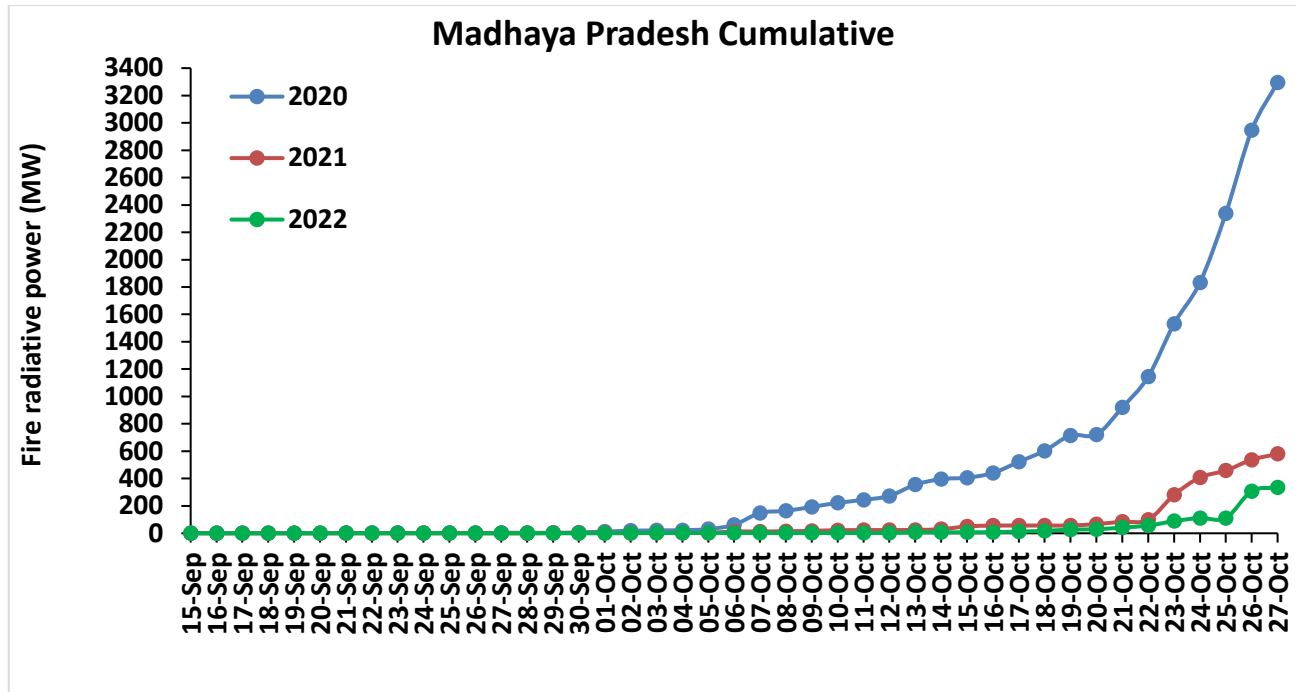




Comparison of residue burning fire power in current year (2022) with previous years (2021 and 2020) for the study States

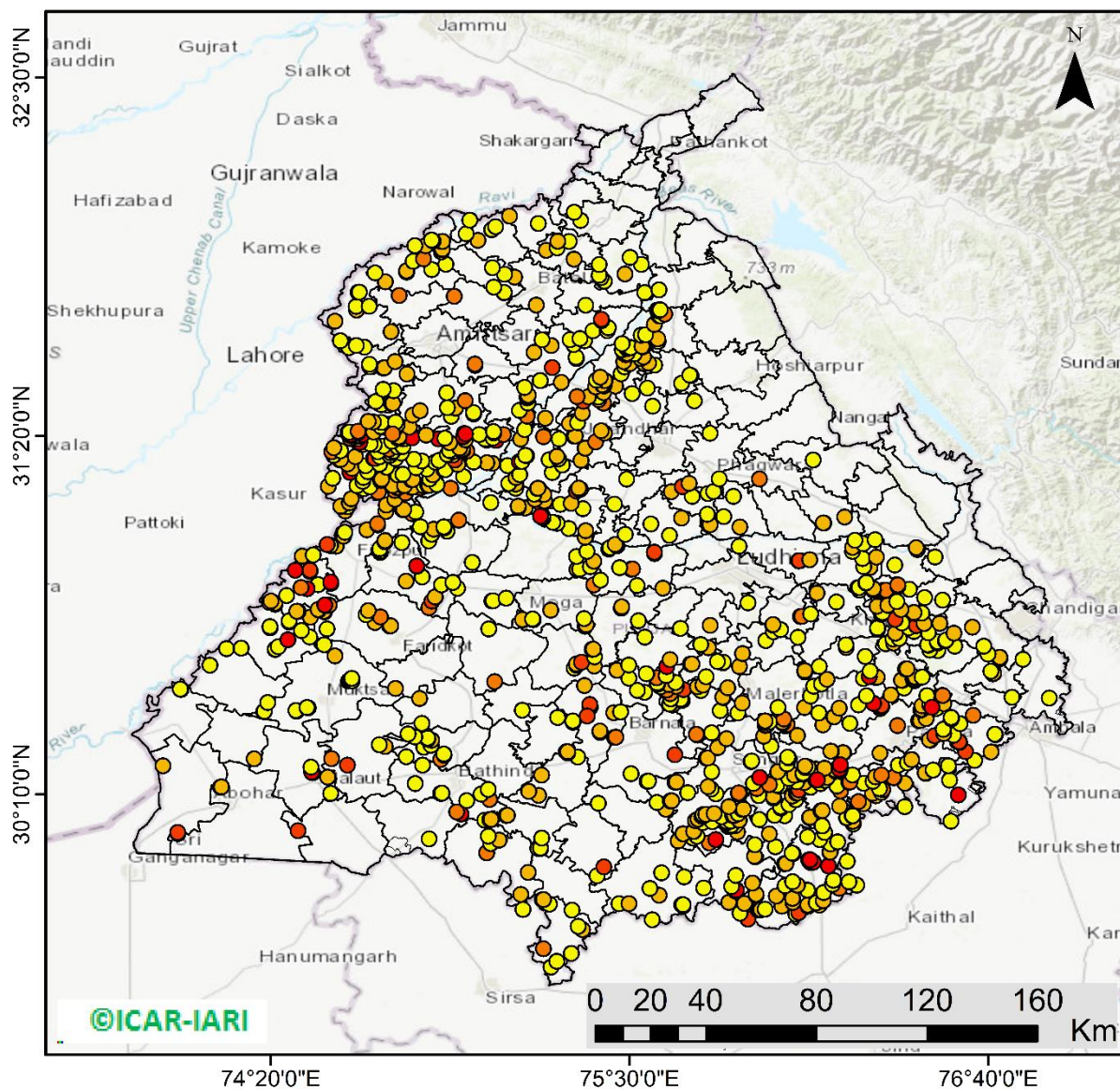






Punjab

RICE RESIDUE BURNING IN PUNJAB



1111 burning events
detected in Punjab during
(27th Oct 2022)

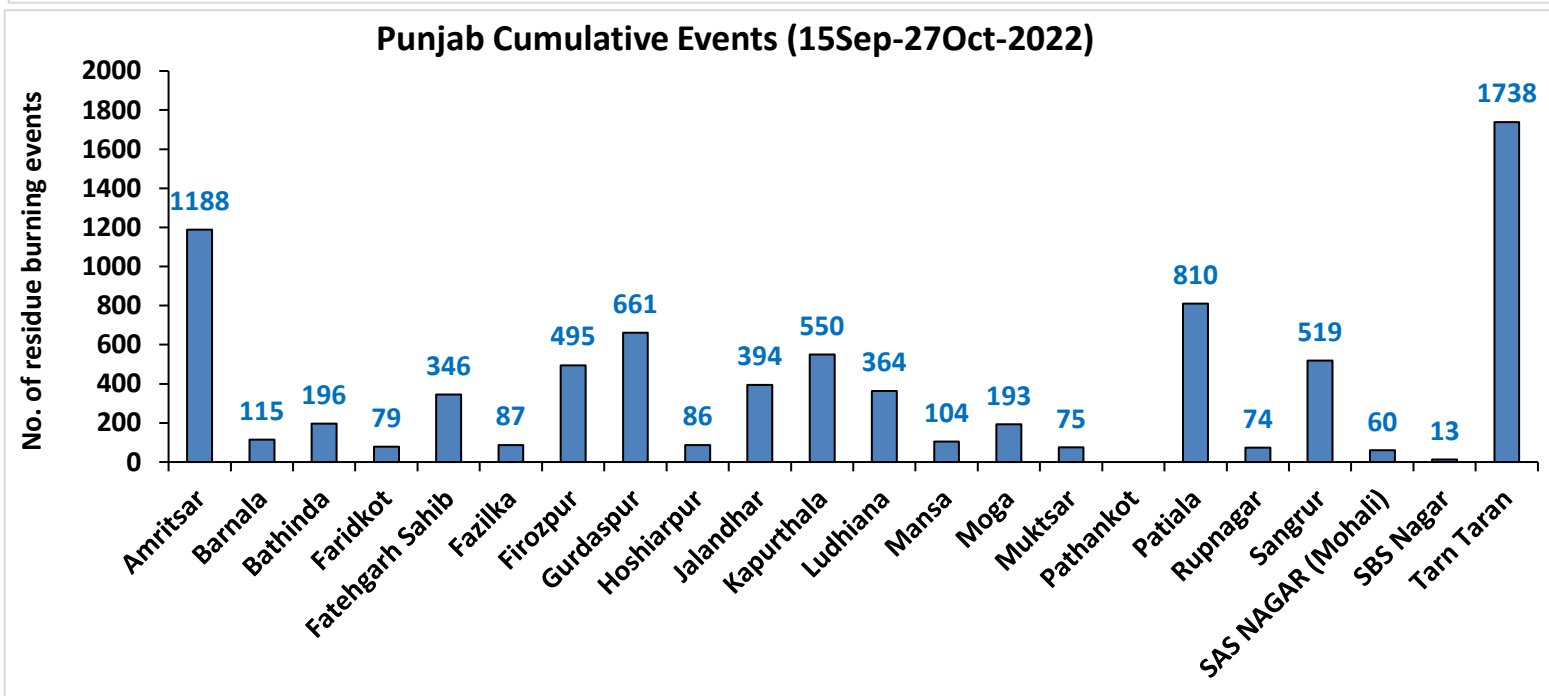
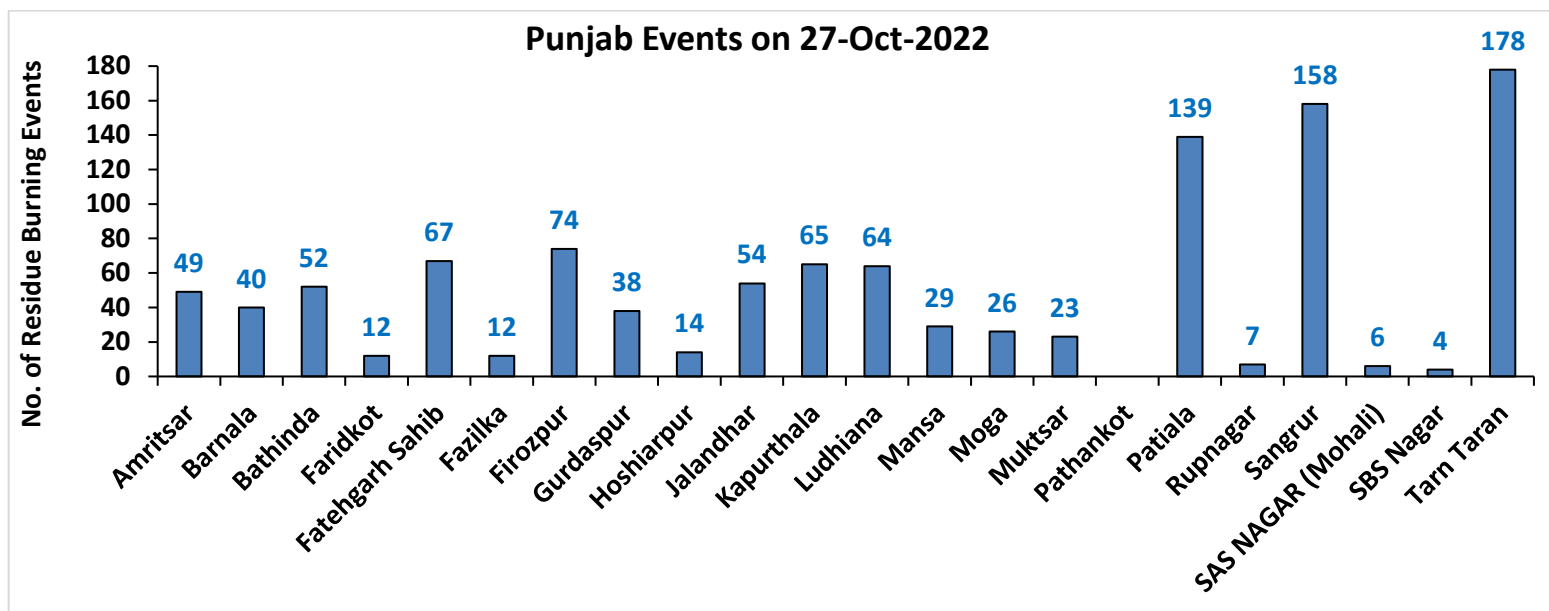
Fire Intensity (W/m²)

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



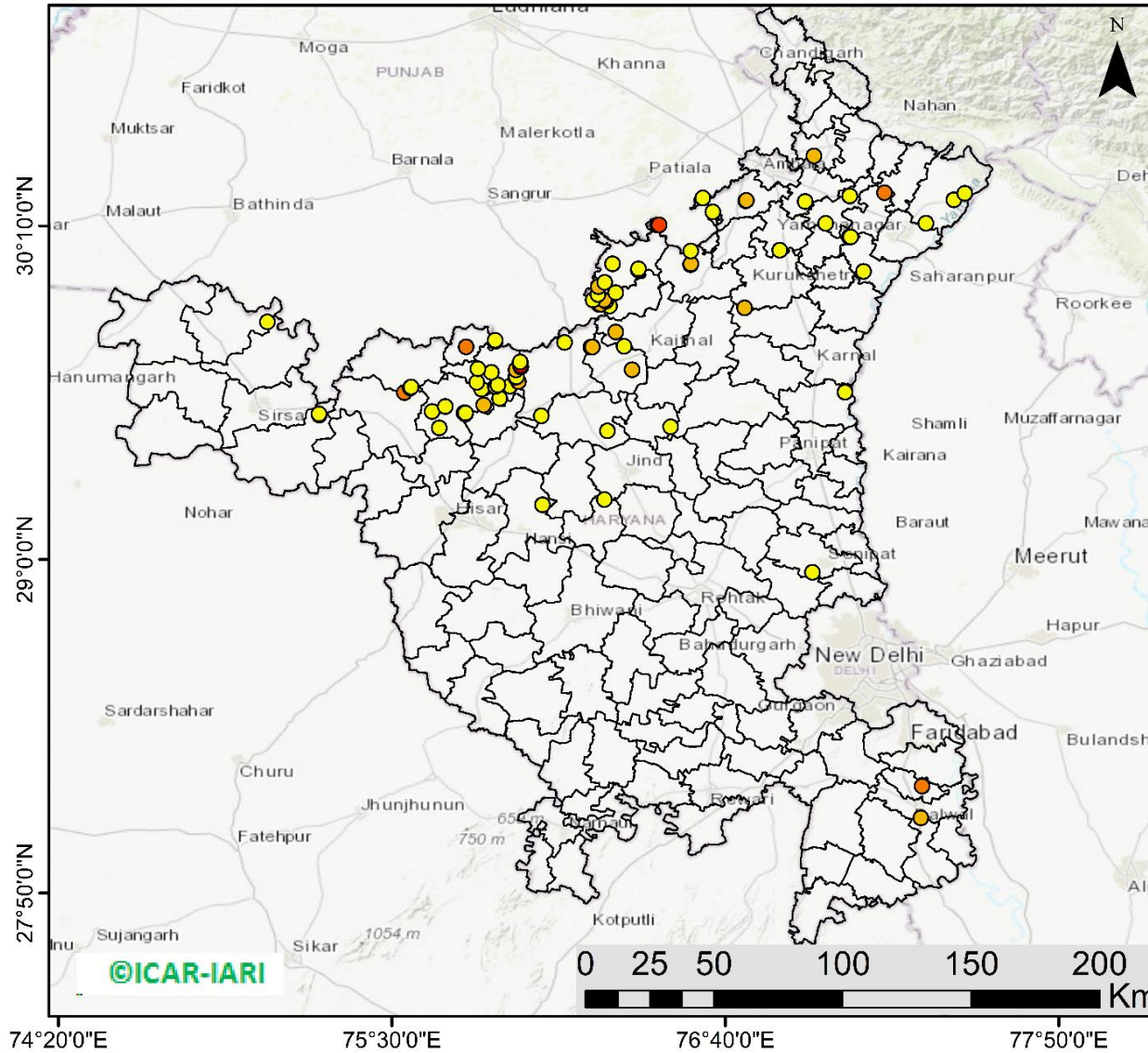
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Punjab (15Sep- 27Oct-2022)



Haryana

RICE RESIDUE BURNING IN HARYANA



83 burning events detected in Haryana on (27th Oct 2022)

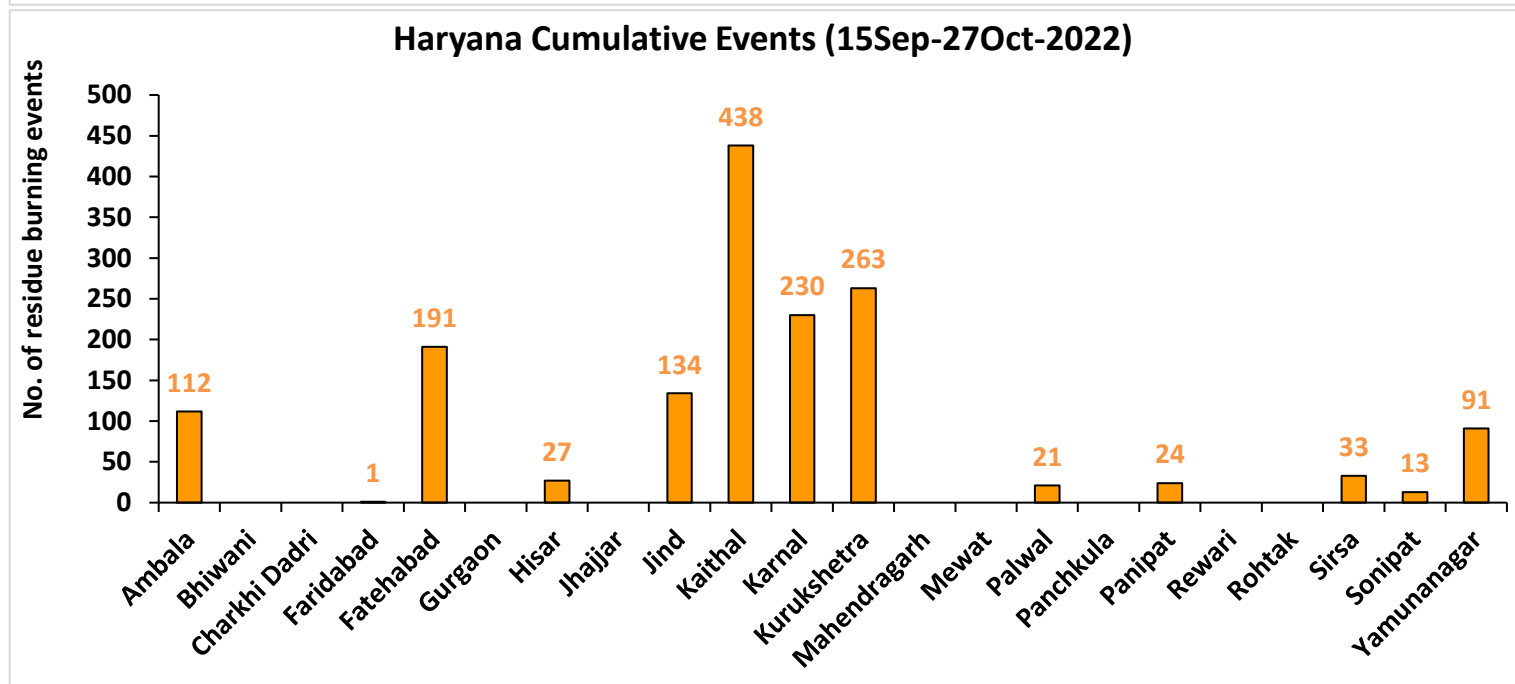
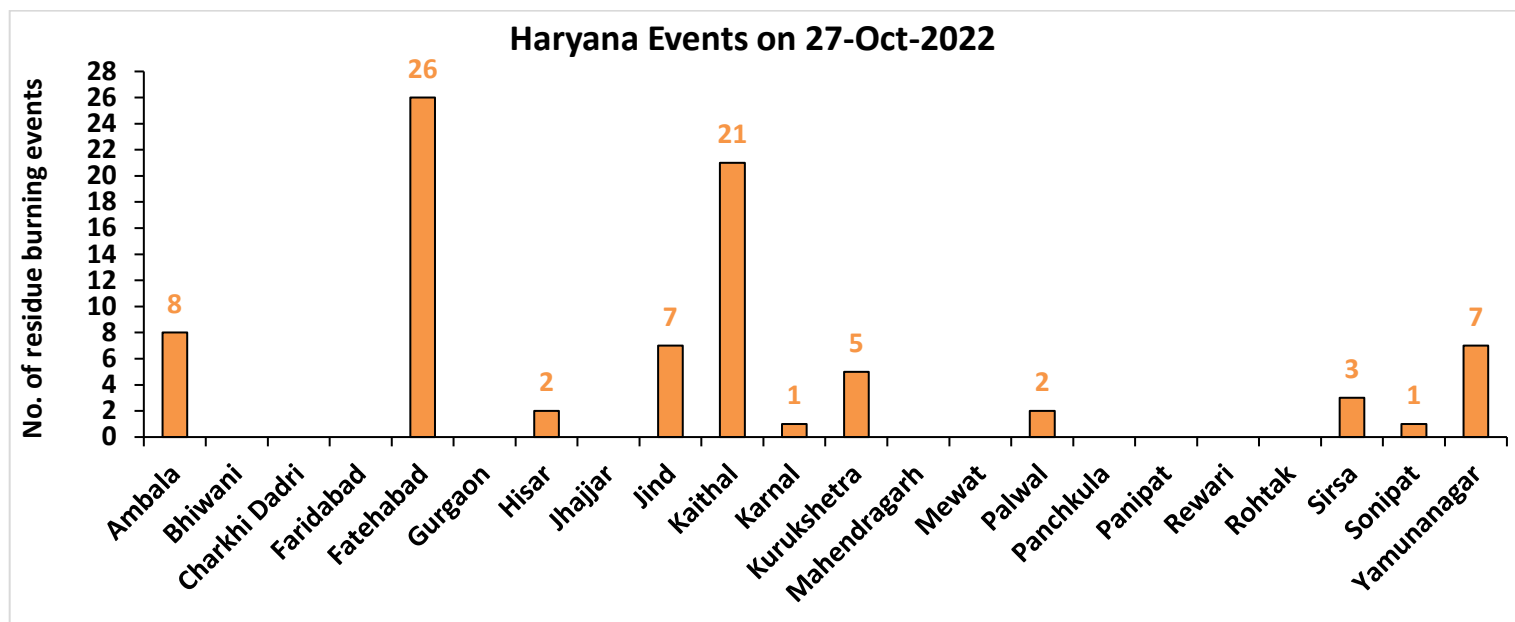
Fire Intensity (W/m²)

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



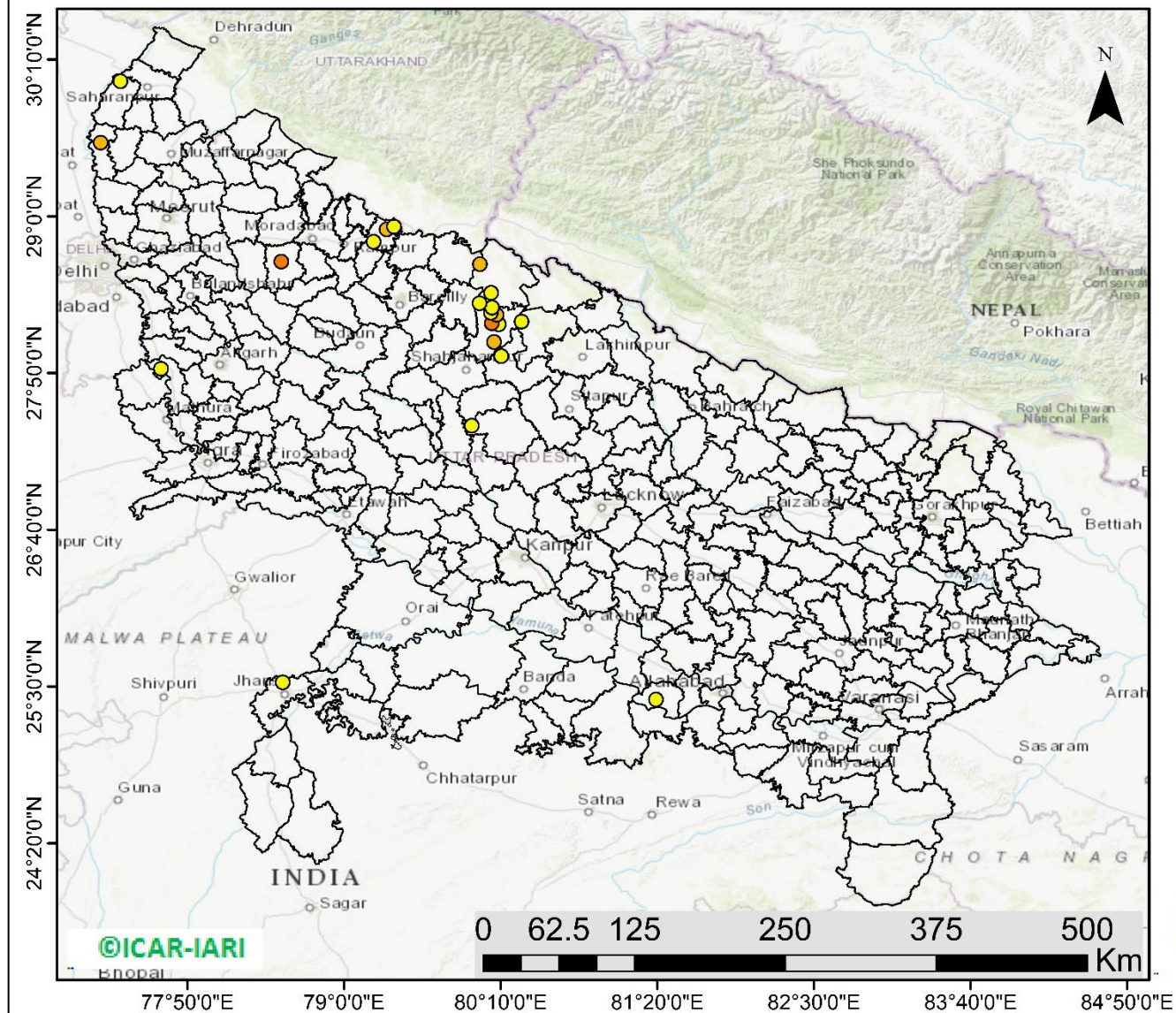
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Haryana (15Sep- 27Oct-2022)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



23 burning events detected in Uttar Pradesh on (27th Oct 2022)

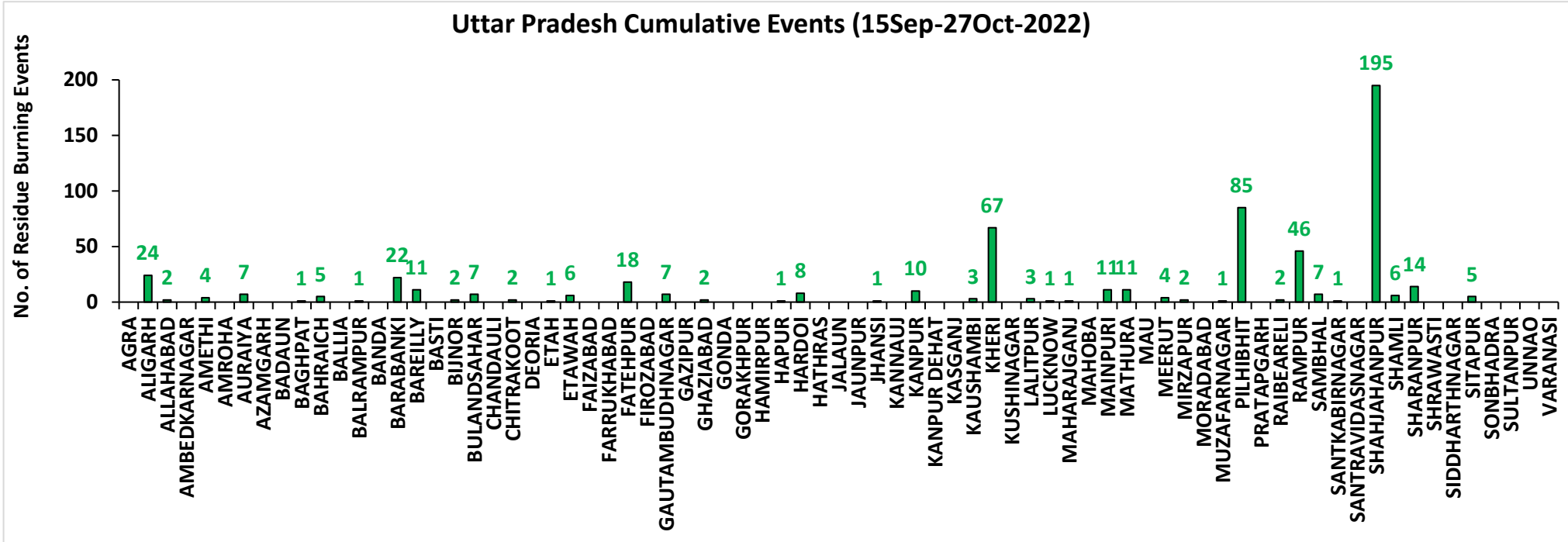
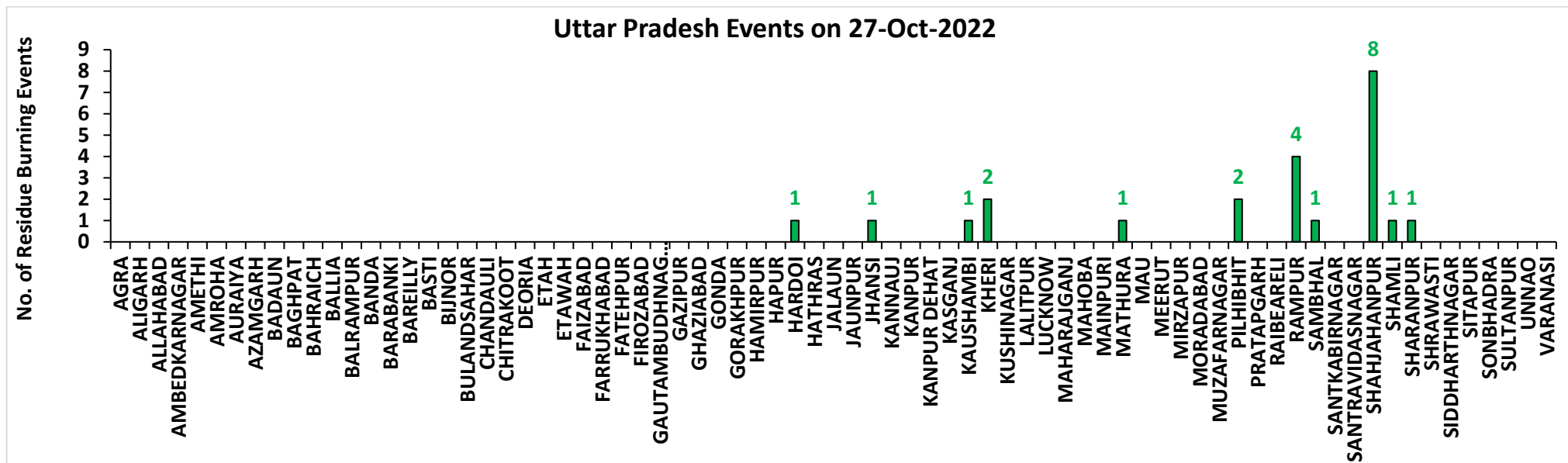
Fire Intensity (W/m²)

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



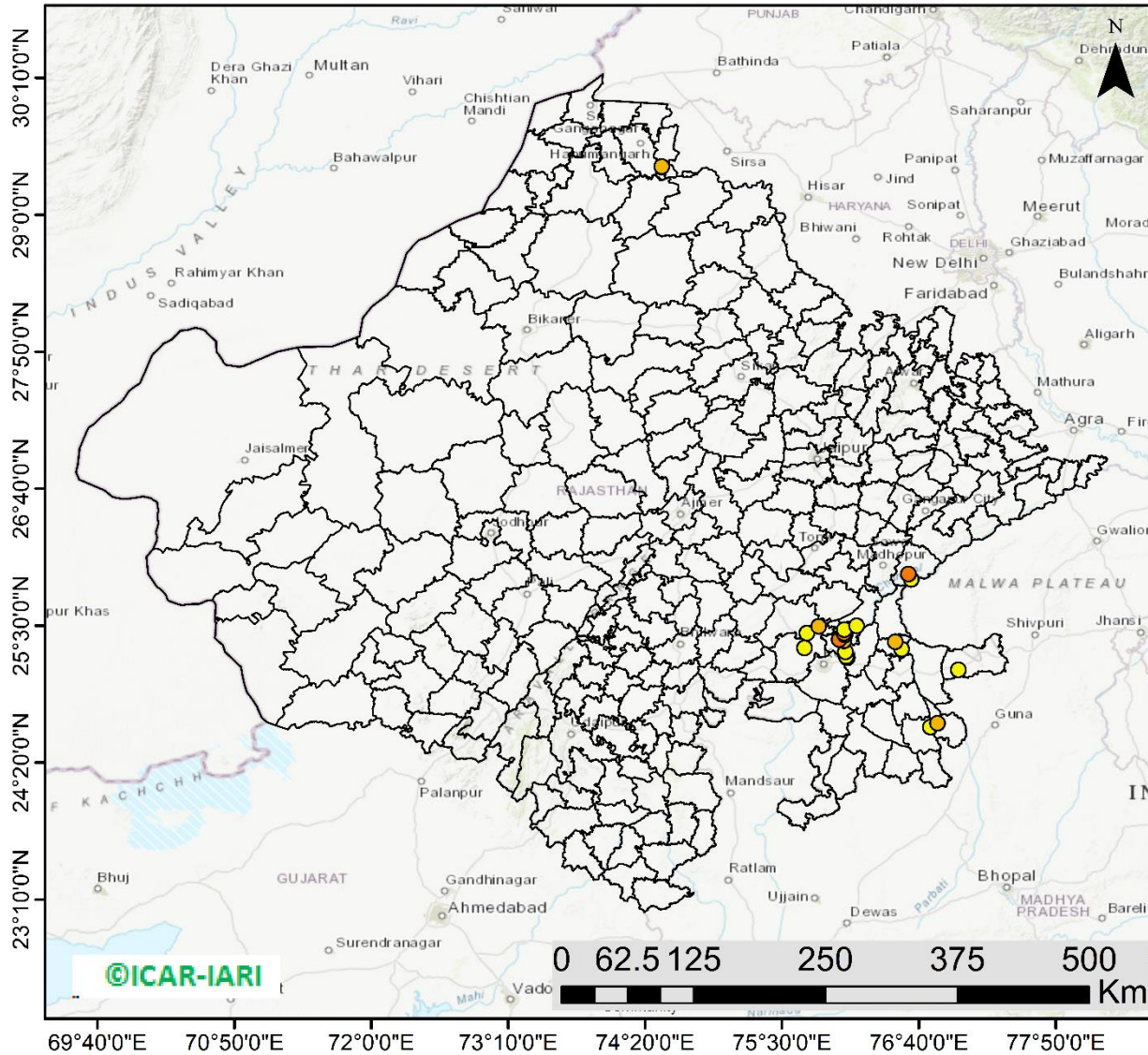
<http://geoportal.icar.gov.in:8080/geoplorer/composer/>

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep- 27Oct -2022)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



21 burning events
detected in Rajasthan on
(27th Oct 2022)

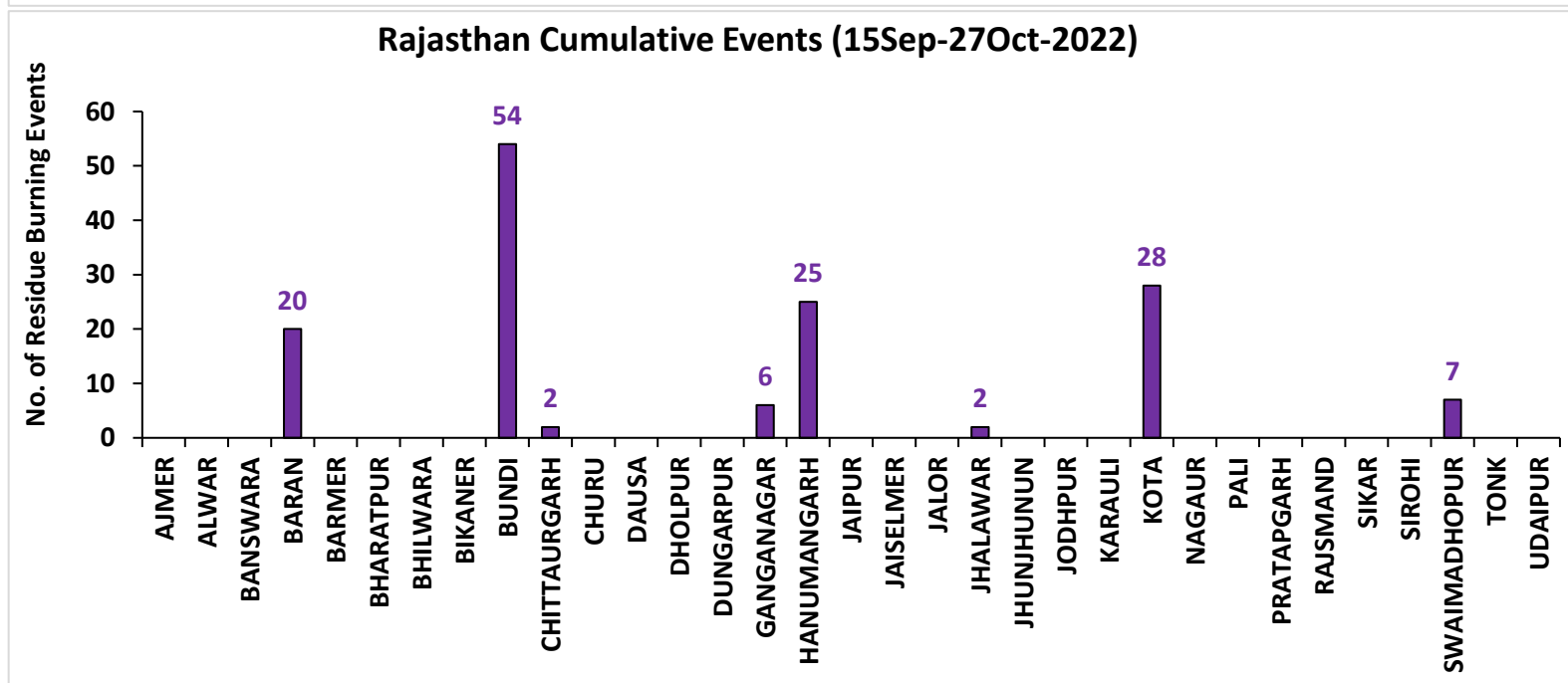
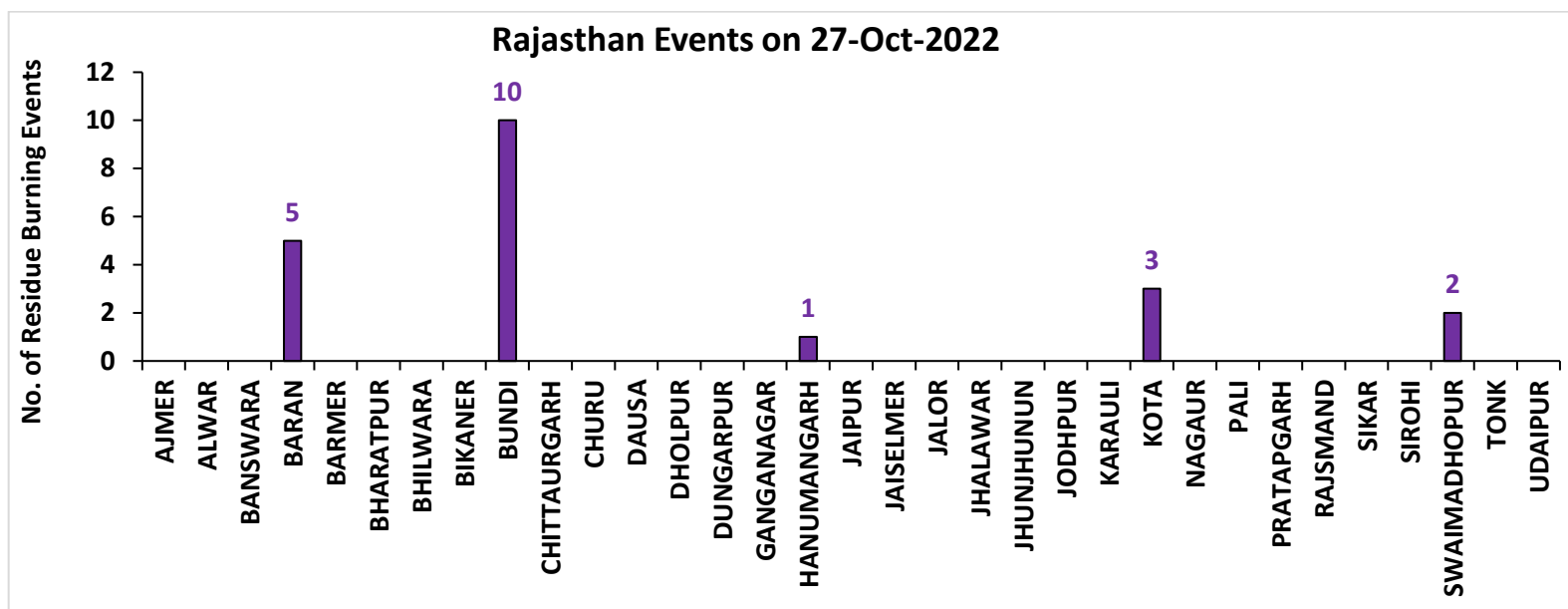
Fire Intensity (W/m²)

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



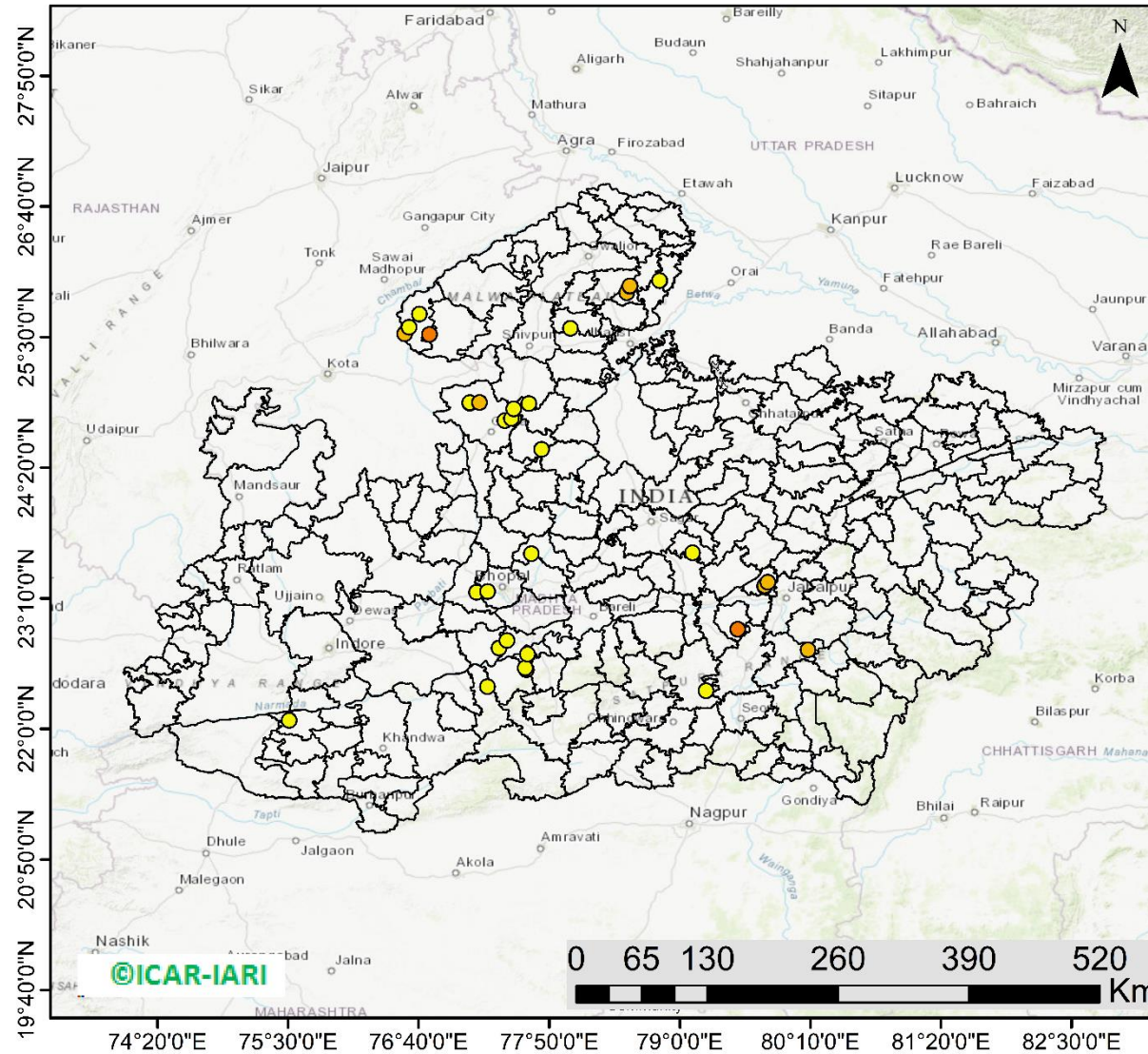
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Rajasthan (15Sep- 27Oct -2022)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



38 burning events detected in MP on (27th Oct 2022)

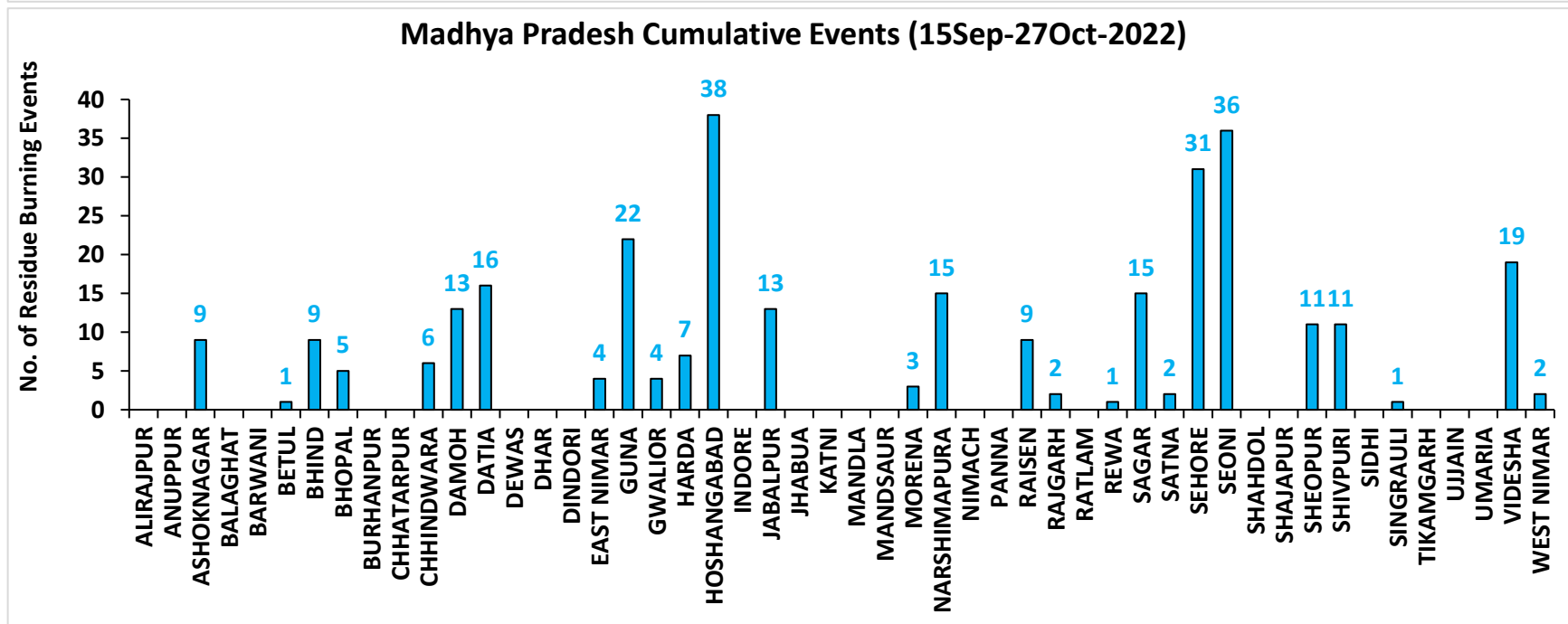
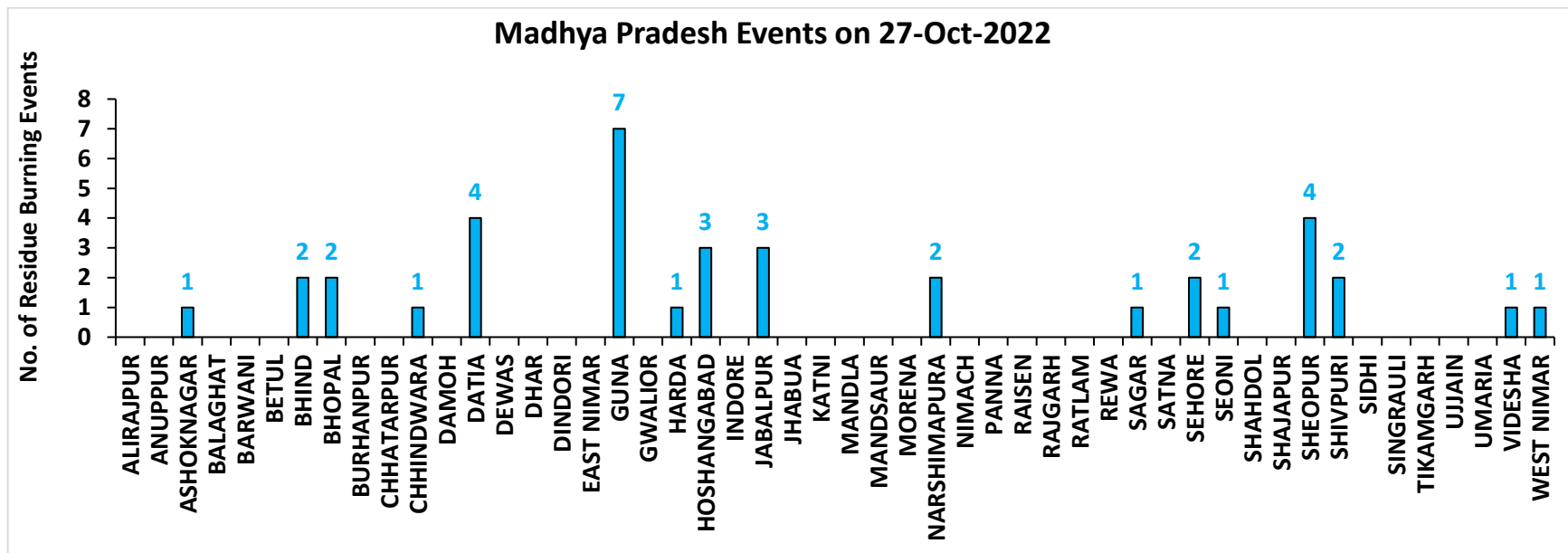
Fire Intensity (W/m²)

- 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- 27Oct -2022)



District-wise cumulative number of residues burning events detected in 2020 ,2021 and 2022
(Period: 15 September-27 October)

(a) Punjab

District	15 Sep-27 Oct 2022		
	2020	2021	2022
Amritsar	2523	966	1188
Barnala	239	65	115
Bathinda	390	116	196
Faridkot	1066	392	79
Fatehgarh Sahib	672	286	346
Fazilka	302	94	87
Firozpur	2904	440	495
Gurdaspur	1585	394	661
Hoshiarpur	264	67	86
Jalandhar	544	285	394
Kapurthala	1083	411	550
Ludhiana	677	416	364
Mansa	282	45	104
Moga	488	179	193
Muktsar	553	149	75
Pathankot	8	0	0
Patiala	1932	608	810
Rupnagar	91	46	74
Sangrur	1105	168	519
SAS NAGAR (Mohali)	92	55	60
SBS Nagar	42	34	13
Tarn Taran	4068	1526	1738
Total	20910	6742	8147

(b) Haryana

District	15 Sep-27 Oct 2022		
	2020	2021	2022
AMBALA	259	111	112
BHIWANI	0	0	0
CHARKHI DADRI	0	0	0
FARIDABAD	1	2	1
FATEHABAD	152	143	191
GURGAON	0	0	0
HISAR	10	8	27
JHAJJAR	1	0	0
JIND	64	102	134
KAITHAL	433	586	438
KARNAL	456	620	230
KURUKSHETRA	359	373	263
MAHENDRAGARH	0	0	0
MEWAT	0	0	0
PALWAL	32	32	21
PANCHKULA	0	0	0
PANIPAT	14	24	24
REWARI	0	0	0
ROHTAK	5	0	0
SIRSA	41	20	33
SONIPAT	17	8	13
YAMUNANAGAR	101	74	91
Total	1945	2103	1578

(c) Uttar Pradesh

District	15 Sep-27 Oct 2022										
	2020	2021	2022	GAUTAMBUDHNAGAR	6	9	7	MUZAFARNAGAR	3	2	1
AGRA	2	0	0	GAZIPUR	0	0	0	PILHIBHIT	10	113	85
ALIGARH	65	25	24	GHAZIABAD	6	2	2	PRATAPGARH	4	0	0
ALLAHABAD	0	2	2	GONDA	0	0	0	RAIBEARELI	1	0	2
AMBEDKARNAGAR	0	0	0	GORAKHPUR	1	0	0	RAMPUR	68	54	46
AMETHI	1	2	4	HAMIRPUR	1	0	0	SAMBHAL	7	7	7
AMROHA	2	0	0	HAPUR	7	2	1	SANTKABIRNAGAR	0	0	1
AURAIYA	19	9	7	HARDOI	21	7	8	SANTRAVIDASNAGAR	0	0	0
AZAMGARH	0	0	0	HATHRAS	0	0	0	SHAHJAHANPUR	54	195	195
BADAUN	2	6	0	JALAUN	1	0	0	SHAMLI	23	17	6
BAGHPAT	5	1	1	JAUNPUR	0	1	0	SHARANPUR	48	25	14
BAHRAICH	33	6	5	JHANSI	33	7	1	SHRAWASTI	11	3	0
BALLIA	0	0	0	KANNAUJ	9	2	0	SIDDHARTHANAGAR	0	0	0
BALRAMPUR	5	2	1	KANPUR	6	7	10	SITAPUR	24	16	5
BANDA	0	0	0	KANPUR DEHAT	17	2	0	SONBHADRA	0	0	0
BARABANKI	23	24	22	KASGANJ	2	2	0	SULTANPUR	1	0	0
BAREILLY	25	18	11	KAUSHAMBI	18	8	3	UNNAO	7	1	0
BASTI	3	1	0	KHERI	55	65	67	VARANASI	1	0	0
BIJNOR	8	5	2	KUSHINAGAR	0	0	0	Total	856	770	607
BULANDSAHAR	19	2	7	LALITPUR	0	1	3				
CHANDAULI	0	0	0	LUCKNOW	4	5	1				
CHITRAKOOT	0	1	2	MAHARAJGANJ	0	0	1				
DEORIA	1	0	0	MAHOBA	12	0	0				
ETAH	12	6	1	MAINPURI	15	8	11				
ETAWAH	10	8	6	MATHURA	70	61	11				
FAIZABAD	3	0	0	MAU	0	0	0				
FARRUKHABAD	1	0	0	MEERUT	16	4	4				
FATEHPUR	29	13	18	MIRZAPUR	6	5	2				
FIROZABAD	12	5	0	MORADABAD	8	3	0				

(d) Delhi

District	15 Sep-27 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	2	0	0
Total	8	0	5

(e) Rajasthan

District	15 Sep-27 Oct 2022		
	2020	2021	2022
AJMER	2	0	0
ALWAR	4	0	0
BANSWARA	0	0	0
BARAN	115	0	20
BARMER	2	0	0
BHARATPUR	2	0	0
BHILWARA	4	0	0
BIKANER	1	0	0
BUNDI	34	3	54
CHITTAURGARH	0	3	2
CHURU	0	0	0
DAUSA	0	0	0
DHOLPUR	0	0	0
DUNGARPUR	0	0	0
GANGANAGAR	9	2	6
HANUMANGARH	257	51	25
JAIPUR	2	0	0
JAISELMER	2	0	0
JALOR	0	0	0
JHALAWAR	1	0	2
JHUNJHUNUN	1	0	0
JODHPUR	2	0	0
KARAULI	1	0	0
KOTA	57	3	28
NAGAUR	0	0	0
PALI	2	0	0
PRATAPGARH	5	0	0
RAJSMAND	0	0	0
SIKAR	0	0	0
SIROHI	1	0	0
SWAIMADHOPUR	21	0	7
TONK	3	0	0
UDAIPUR	0	0	0
Total	528	62	144

(f) Madhya Pradesh

District	15 Sep-27 Oct 2022						
	2020	2021	2022	PANNA	11	1	0
ALIRAJPUR	0	0	0	RAISEN	101	5	9
ANUPPUR	0	0	0	RAJGARH	9	1	3
ASHOKNAGAR	55	1	9	RATLAM	0	0	0
BALAGHAT	0	0	0	REWA	24	2	1
BARWANI	0	0	0	SAGAR	21	17	15
BETUL	5	3	1	SATNA	56	12	2
BHIND	25	1	9	SEHORE	34	16	31
BHOPAL	17	5	5	SEONI	244	150	36
BURHANPUR	0	0	0	SHAHDOL	0	0	0
CHHATARPUR	4	0	0	SHAJAPUR	7	0	0
CHHINDWARA	20	12	6	SHEOPUR	84	2	11
DAMOH	45	17	13	SHIVPURI	34	2	11
DATIA	175	10	16	SIDHI	0	0	0
DEWAS	3	0	0	SINGRAULI	0	0	1
DHAR	26	0	0	TIKAMGARH	1	0	0
DINDORI	0	0	0	UJJAIN	5	0	0
EAST NIMAR	11	5	4	UMARIA	0	0	0
GUNA	34	2	22	VIDESHA	84	15	19
GWALIOR	214	4	4	WEST NIMAR	24	1	2
HARDA	12	18	7	Total	1795	408	305
HOSHANGABAD	248	61	38				
INDORE	2	0	0				
JABALPUR	54	16	12				
JHABUA	0	0	0				
KATNI	29	1	0				
MANDLA	6	6	0				
MANDSAUR	4	0	0				
MORENA	36	5	3				
NARSHIMAPURA	31	17	15				
NIMACH	0	0	0				

State-wise and date-wise number of paddy residue burning events detected in 2020, 2021 and 2022
(Period: 15 September - 27 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	1392	597	393	101	131	107	25	5	23	2	0	0	32	2	6	112	30	18
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
25-Oct	1416	76	181	155	71	12	50	18	9	1	0	0	18	2	4	144	60	0
26-Oct	2126	329	1238	77	175	123	33	41	23	0	0	0	34	3	21	178	55	57
27-Oct	2563	279	1111	96	93	83	40	58	23	0	0	0	42	1	21	294	62	38
Total	20910	6742	8147	1945	2103	1578	856	770	607	8	0	5	528	62	144	1795	408	305

Details of residue burning events in Punjab on 27-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	S-NPP	31.86330	74.67280	13:54:31	D	2.90
2	AMRITSAR	AJNALA	S-NPP	31.86560	74.77580	13:54:31	D	8.90
3	AMRITSAR	AJNALA	S-NPP	31.86670	74.77480	13:54:31	D	13.70
4	AMRITSAR	AJNALA	S-NPP	31.86970	74.77520	13:54:31	D	8.90
5	AMRITSAR	AJNALA	S-NPP	31.87390	74.85730	13:54:31	D	1.80
6	AMRITSAR	AJNALA	S-NPP	31.89110	74.90310	13:54:31	D	4.90
7	AMRITSAR	AJNALA	S-NPP	31.90110	74.79670	13:54:31	D	2.70
8	AMRITSAR	AJNALA	S-NPP	31.90870	74.83050	13:54:31	D	10.20
9	AMRITSAR	AJNALA	S-NPP	31.93150	74.88860	13:54:31	D	4.70
10	AMRITSAR	AJNALA	S-NPP	31.93980	74.88750	13:54:31	D	3.90
11	AMRITSAR	AJNALA	S-NPP	31.94020	74.89180	13:54:31	D	5.20
12	AMRITSAR	AJNALA	S-NPP	31.95130	74.83760	13:54:31	D	5.10
13	AMRITSAR	AJNALA	S-NPP	31.95170	74.80260	13:54:31	D	2.60
14	AMRITSAR	AJNALA	S-NPP	31.96500	74.88830	13:54:31	D	6.00
15	AMRITSAR	AJNALA	S-NPP	31.96550	74.89260	13:54:31	D	6.00
16	AMRITSAR	AJNALA	S-NPP	31.96640	74.86170	13:54:31	D	3.70
17	AMRITSAR	AJNALA	S-NPP	31.97000	74.85680	13:54:31	D	3.40
18	AMRITSAR	ATTARI	S-NPP	31.55370	74.69850	13:54:31	D	6.10
19	AMRITSAR	ATTARI	S-NPP	31.55410	74.70270	13:54:31	D	9.30
20	AMRITSAR	ATTARI	S-NPP	31.55740	74.65570	13:54:31	D	2.80
21	AMRITSAR	ATTARI	S-NPP	31.56550	74.65450	13:54:31	D	3.70
22	AMRITSAR	ATTARI	S-NPP	31.57440	74.73800	13:54:31	D	6.00
23	AMRITSAR	ATTARI	S-NPP	31.62000	74.58780	13:54:31	D	2.30
24	AMRITSAR	ATTARI	S-NPP	31.62140	74.63800	13:54:31	D	2.30
25	AMRITSAR	ATTARI	S-NPP	31.64210	74.56000	13:54:31	D	3.40
26	AMRITSAR	CHOGAWAN	S-NPP	31.62680	74.61200	13:54:31	D	4.50
27	AMRITSAR	CHOGAWAN	S-NPP	31.67180	74.72480	13:54:31	D	7.30
28	AMRITSAR	CHOGAWAN	S-NPP	31.70580	74.54240	13:54:31	D	5.50
29	AMRITSAR	CHOGAWAN	S-NPP	31.74190	74.61310	13:54:31	D	10.40
30	AMRITSAR	CHOGAWAN	S-NPP	31.74230	74.61270	13:54:31	D	9.70

31	AMRITSAR	CHOGAWAN	S-NPP	31.75400	74.61140	13:54:31	D	1.60
32	AMRITSAR	CHOGAWAN	S-NPP	31.75430	74.65370	13:54:31	D	4.30
33	AMRITSAR	CHOGAWAN	S-NPP	31.80000	74.61740	13:54:31	D	4.00
34	AMRITSAR	CHOGAWAN	S-NPP	31.80040	74.62160	13:54:31	D	4.00
35	AMRITSAR	CHOGAWAN	S-NPP	31.83430	74.70620	13:54:31	D	7.90
36	AMRITSAR	HARSHA CHHINA	S-NPP	31.78940	74.75130	13:54:31	D	13.10
37	AMRITSAR	JANDIALA GURU	S-NPP	31.56210	74.99820	13:54:31	D	12.00
38	AMRITSAR	JANDIALA GURU	S-NPP	31.56630	74.99760	13:54:31	D	12.00
39	AMRITSAR	MAJITHA	S-NPP	31.78700	74.93010	13:54:31	D	10.10
40	AMRITSAR	RAYYA	S-NPP	31.50670	75.27880	13:54:31	D	5.80
41	AMRITSAR	RAYYA	S-NPP	31.51250	75.21000	13:54:31	D	3.40
42	AMRITSAR	RAYYA	S-NPP	31.55480	75.24940	13:54:31	D	19.00
43	AMRITSAR	RAYYA	S-NPP	31.58420	75.32750	13:54:31	D	3.60
44	AMRITSAR	RAYYA	S-NPP	31.58850	75.32690	13:54:31	D	3.90
45	AMRITSAR	RAYYA	S-NPP	31.62680	75.24580	13:54:31	D	5.80
46	AMRITSAR	RAYYA	S-NPP	31.62990	75.31860	13:54:31	D	3.20
47	AMRITSAR	RAYYA	S-NPP	31.64510	75.21600	13:54:31	D	2.30
48	AMRITSAR	RAYYA	S-NPP	31.64580	75.30720	13:54:31	D	1.30
49	AMRITSAR	TARSIKKA	S-NPP	31.60420	75.19000	13:54:31	D	5.10
50	BARNALA	BARNALA	S-NPP	30.20850	75.55760	13:54:31	D	4.90
51	BARNALA	BARNALA	S-NPP	30.20900	75.56210	13:54:31	D	4.90
52	BARNALA	BARNALA	S-NPP	30.23270	75.50510	13:54:31	D	3.80
53	BARNALA	BARNALA	S-NPP	30.29480	75.64770	13:54:31	D	18.50
54	BARNALA	BARNALA	S-NPP	30.45630	75.64040	13:54:31	D	3.30
55	BARNALA	BARNALA	S-NPP	30.45920	75.63220	13:54:31	D	2.20
56	BARNALA	BARNALA	S-NPP	30.45960	75.63080	13:54:31	D	1.80
57	BARNALA	BARNALA	S-NPP	30.47180	75.67180	13:54:31	D	6.40
58	BARNALA	BARNALA	S-NPP	30.47240	75.67040	13:54:31	D	4.70
59	BARNALA	BARNALA	S-NPP	30.47660	75.63450	13:54:31	D	2.50
60	BARNALA	BARNALA	S-NPP	30.49360	75.63220	13:54:31	D	10.80
61	BARNALA	BARNALA	S-NPP	30.50670	75.67630	13:54:31	D	16.50
62	BARNALA	BARNALA	S-NPP	30.51710	75.65190	13:54:31	D	7.20
63	BARNALA	MAHAL KALAN	S-NPP	30.49800	75.54950	13:54:31	D	4.00

64	BARNALA	MAHAL KALAN	S-NPP	30.50410	75.52600	13:54:31	D	3.10
65	BARNALA	MAHAL KALAN	S-NPP	30.50490	75.61690	13:54:31	D	9.90
66	BARNALA	MAHAL KALAN	S-NPP	30.50540	75.62140	13:54:31	D	15.00
67	BARNALA	MAHAL KALAN	S-NPP	30.51620	75.60160	13:54:31	D	3.70
68	BARNALA	MAHAL KALAN	S-NPP	30.52320	75.62820	13:54:31	D	5.40
69	BARNALA	MAHAL KALAN	S-NPP	30.52370	75.59150	13:54:31	D	2.90
70	BARNALA	MAHAL KALAN	S-NPP	30.52800	75.59090	13:54:31	D	2.90
71	BARNALA	MAHAL KALAN	S-NPP	30.52980	75.65020	13:54:31	D	3.60
72	BARNALA	MAHAL KALAN	S-NPP	30.54380	75.49810	13:54:31	D	2.20
73	BARNALA	MAHAL KALAN	S-NPP	30.54490	75.58860	13:54:31	D	12.90
74	BARNALA	MAHAL KALAN	S-NPP	30.55240	75.61960	13:54:31	D	2.70
75	BARNALA	MAHAL KALAN	S-NPP	30.55810	75.55600	13:54:31	D	4.00
76	BARNALA	MAHAL KALAN	S-NPP	30.55840	75.55490	13:54:31	D	2.20
77	BARNALA	MAHAL KALAN	S-NPP	30.56970	75.45950	13:54:31	D	7.20
78	BARNALA	MAHAL KALAN	S-NPP	30.58180	75.62140	13:54:31	D	24.30
79	BARNALA	SEHNA	S-NPP	30.35120	75.45150	13:54:31	D	14.30
80	BARNALA	SEHNA	S-NPP	30.35170	75.45590	13:54:31	D	14.30
81	BARNALA	SEHNA	S-NPP	30.36760	75.40480	13:54:31	D	11.90
82	BARNALA	SEHNA	S-NPP	30.37170	75.40430	13:54:31	D	6.30
83	BARNALA	SEHNA	S-NPP	30.40050	75.31660	13:54:31	D	4.20
84	BARNALA	SEHNA	S-NPP	30.40460	75.31600	13:54:31	D	4.00
85	BARNALA	SEHNA	S-NPP	30.43170	75.44940	13:54:31	D	5.30
86	BARNALA	SEHNA	S-NPP	30.43400	75.47140	13:54:31	D	4.40
87	BARNALA	SEHNA	S-NPP	30.45000	75.37250	13:54:31	D	3.30
88	BARNALA	SEHNA	S-NPP	30.45830	75.37140	13:54:31	D	16.10
89	BARNALA	SEHNA	TERRA	30.42100	75.36300	11:34:05	D	15.30
90	BATHINDA	BATHINDA	S-NPP	30.08130	75.02970	13:54:31	D	2.50
91	BATHINDA	BATHINDA	S-NPP	30.08200	75.02950	13:54:31	D	2.60
92	BATHINDA	BATHINDA	S-NPP	30.09730	75.10310	13:54:31	D	8.10
93	BATHINDA	BATHINDA	S-NPP	30.14510	74.97070	13:54:31	D	3.60
94	BATHINDA	BATHINDA	S-NPP	30.16880	74.88870	13:54:31	D	7.70
95	BATHINDA	BATHINDA	S-NPP	30.16890	74.88600	13:54:31	D	4.60
96	BATHINDA	BATHINDA	S-NPP	30.16940	74.89000	13:54:31	D	4.60

97	BATHINDA	BATHINDA	S-NPP	30.20090	74.80350	13:54:31	D	1.80
98	BATHINDA	BATHINDA	S-NPP	30.26090	74.82760	13:54:31	D	4.90
99	BATHINDA	BHAGTA BHAI KA	S-NPP	30.43960	75.15150	13:54:31	D	4.10
100	BATHINDA	GONIANA MANDI	S-NPP	30.27970	74.88660	13:54:31	D	11.50
101	BATHINDA	GONIANA MANDI	S-NPP	30.27980	74.88660	13:54:31	D	12.70
102	BATHINDA	GONIANA MANDI	S-NPP	30.28810	74.77440	13:54:31	D	4.60
103	BATHINDA	GONIANA MANDI	S-NPP	30.29310	74.89710	13:54:31	D	2.80
104	BATHINDA	GONIANA MANDI	S-NPP	30.29720	74.89650	13:54:31	D	2.80
105	BATHINDA	GONIANA MANDI	S-NPP	30.31890	74.83150	13:54:31	D	2.80
106	BATHINDA	GONIANA MANDI	S-NPP	30.32560	74.85520	13:54:31	D	2.70
107	BATHINDA	GONIANA MANDI	S-NPP	30.34220	74.85700	13:54:31	D	9.40
108	BATHINDA	GONIANA MANDI	S-NPP	30.34490	74.84420	13:54:31	D	4.60
109	BATHINDA	GONIANA MANDI	S-NPP	30.34890	74.84370	13:54:31	D	4.60
110	BATHINDA	GONIANA MANDI	S-NPP	30.35250	74.80200	13:54:31	D	1.70
111	BATHINDA	MAUR	S-NPP	29.98970	75.21130	13:54:31	D	4.70
112	BATHINDA	MAUR	S-NPP	29.99000	75.20210	13:54:31	D	2.50
113	BATHINDA	MAUR	S-NPP	29.99090	75.21050	13:54:31	D	4.50
114	BATHINDA	MAUR	S-NPP	30.02350	75.21510	13:54:31	D	4.00
115	BATHINDA	MAUR	S-NPP	30.08300	75.04620	13:54:31	D	6.90
116	BATHINDA	MAUR	S-NPP	30.08350	75.05040	13:54:31	D	6.90
117	BATHINDA	MAUR	S-NPP	30.08390	75.04600	13:54:31	D	6.80
118	BATHINDA	MAUR	S-NPP	30.08430	75.05010	13:54:31	D	6.80
119	BATHINDA	MAUR	S-NPP	30.09690	75.09890	13:54:31	D	6.60
120	BATHINDA	NATHANA	S-NPP	30.14910	75.04530	13:54:31	D	11.40
121	BATHINDA	NATHANA	S-NPP	30.16670	75.01760	13:54:31	D	4.70
122	BATHINDA	NATHANA	S-NPP	30.18170	75.04070	13:54:31	D	2.60
123	BATHINDA	PHUL	S-NPP	30.41610	75.26640	13:54:31	D	2.10
124	BATHINDA	RAMPURA	S-NPP	30.16230	75.20450	13:54:31	D	5.50
125	BATHINDA	RAMPURA	S-NPP	30.17550	75.17280	13:54:31	D	6.50
126	BATHINDA	RAMPURA	S-NPP	30.22850	75.21430	13:54:31	D	7.60
127	BATHINDA	RAMPURA	S-NPP	30.28710	75.33190	13:54:31	D	3.40
128	BATHINDA	RAMPURA	S-NPP	30.30050	75.29950	13:54:31	D	4.30
129	BATHINDA	RAMPURA	S-NPP	30.30420	75.29460	13:54:31	D	4.60

130	BATHINDA	RAMPURA	S-NPP	30.30460	75.29890	13:54:31	D	5.80
131	BATHINDA	SANGAT	S-NPP	30.02070	74.84850	13:54:31	D	3.40
132	BATHINDA	SANGAT	S-NPP	30.10180	74.95190	13:54:31	D	25.40
133	BATHINDA	SANGAT	S-NPP	30.10860	74.93850	13:54:31	D	10.80
134	BATHINDA	TALWANDI SABO	S-NPP	29.79080	75.15370	13:54:31	D	4.30
135	BATHINDA	TALWANDI SABO	S-NPP	29.83980	75.14680	13:54:31	D	9.50
136	BATHINDA	TALWANDI SABO	S-NPP	29.91170	75.17060	13:54:31	D	5.80
137	BATHINDA	TALWANDI SABO	S-NPP	29.97540	75.03630	13:54:31	D	10.10
138	BATHINDA	TALWANDI SABO	S-NPP	29.97560	75.03580	13:54:31	D	10.30
139	BATHINDA	TALWANDI SABO	S-NPP	30.00560	75.04870	13:54:31	D	3.90
140	BATHINDA	TALWANDI SABO	S-NPP	30.01690	75.07640	13:54:31	D	7.60
141	BATHINDA	TALWANDI SABO	S-NPP	30.02960	75.04110	13:54:31	D	2.20
142	FARIDKOT	FARIDKOT	S-NPP	30.70400	74.51650	13:54:31	D	4.10
143	FARIDKOT	FARIDKOT	S-NPP	30.71390	74.71940	13:54:31	D	9.80
144	FARIDKOT	FARIDKOT	S-NPP	30.71440	74.72340	13:54:31	D	9.80
145	FARIDKOT	FARIDKOT	S-NPP	30.72520	74.67260	13:54:31	D	6.70
146	FARIDKOT	FARIDKOT	S-NPP	30.74350	74.69040	13:54:31	D	10.70
147	FARIDKOT	FARIDKOT	S-NPP	30.75050	74.64330	13:54:31	D	3.60
148	FARIDKOT	FARIDKOT	S-NPP	30.75980	74.50830	13:54:31	D	8.30
149	FARIDKOT	FARIDKOT	S-NPP	30.76150	74.50650	13:54:31	D	8.80
150	FARIDKOT	FARIDKOT	S-NPP	30.76360	74.65060	13:54:31	D	7.90
151	FARIDKOT	JAITON	S-NPP	30.39660	74.82500	13:54:31	D	4.00
152	FARIDKOT	JAITON	S-NPP	30.47780	74.81750	13:54:31	D	5.50
153	FARIDKOT	KOT KAPURA	S-NPP	30.51040	74.73900	13:54:31	D	5.10
154	FATEHGARH SAHIB	AMLOH	S-NPP	30.54010	76.14270	13:54:31	D	5.90
155	FATEHGARH SAHIB	AMLOH	S-NPP	30.54650	76.30060	13:54:31	D	5.30
156	FATEHGARH SAHIB	AMLOH	S-NPP	30.54690	76.30560	13:54:31	D	8.30
157	FATEHGARH SAHIB	AMLOH	S-NPP	30.56710	76.28300	13:54:31	D	4.30
158	FATEHGARH SAHIB	AMLOH	S-NPP	30.58190	76.11770	13:54:31	D	4.50
159	FATEHGARH SAHIB	AMLOH	S-NPP	30.61460	76.26680	13:54:31	D	4.10
160	FATEHGARH SAHIB	AMLOH	S-NPP	30.64360	76.20520	13:54:31	D	8.20
161	FATEHGARH SAHIB	AMLOH	S-NPP	30.65240	76.20400	13:54:31	D	4.60
162	FATEHGARH SAHIB	AMLOH	S-NPP	30.70270	76.30770	13:54:31	D	5.00

163	FATEHGARH SAHIB	AMLOH	S-NPP	30.70710	76.30720	13:54:31	D	5.00
164	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.65590	76.33390	13:54:31	D	3.60
165	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.65830	76.35900	13:54:31	D	6.90
166	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67160	76.35730	13:54:31	D	2.40
167	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67350	76.37730	13:54:31	D	4.20
168	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69030	76.36500	13:54:31	D	8.00
169	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69160	76.47240	13:54:31	D	4.70
170	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.69620	76.42550	13:54:31	D	5.00
171	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.70810	76.40870	13:54:31	D	2.70
172	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71500	76.43340	13:54:31	D	16.80
173	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72190	76.45830	13:54:31	D	7.60
174	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.72240	76.50980	13:54:31	D	5.70
175	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.75510	76.42840	13:54:31	D	8.10
176	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.75560	76.45140	13:54:31	D	2.60
177	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.75770	76.42540	13:54:31	D	8.20
178	FATEHGARH SAHIB	KHAMANON	S-NPP	30.72390	76.38620	13:54:31	D	2.30
179	FATEHGARH SAHIB	KHAMANON	S-NPP	30.73520	76.36440	13:54:31	D	17.10
180	FATEHGARH SAHIB	KHAMANON	S-NPP	30.75220	76.31890	13:54:31	D	2.70
181	FATEHGARH SAHIB	KHAMANON	S-NPP	30.75340	76.32150	13:54:31	D	3.00
182	FATEHGARH SAHIB	KHAMANON	S-NPP	30.75710	76.32340	13:54:31	D	4.70
183	FATEHGARH SAHIB	KHAMANON	S-NPP	30.76730	76.38320	13:54:31	D	5.60
184	FATEHGARH SAHIB	KHAMANON	S-NPP	30.77790	76.30550	13:54:31	D	8.80
185	FATEHGARH SAHIB	KHAMANON	S-NPP	30.78120	76.34060	13:54:31	D	8.10
186	FATEHGARH SAHIB	KHAMANON	S-NPP	30.79300	76.36970	13:54:31	D	3.10
187	FATEHGARH SAHIB	KHAMANON	S-NPP	30.82860	76.31930	13:54:31	D	12.60
188	FATEHGARH SAHIB	KHAMANON	S-NPP	30.82910	76.32430	13:54:31	D	10.60
189	FATEHGARH SAHIB	KHAMANON	S-NPP	30.83010	76.33440	13:54:31	D	13.80
190	FATEHGARH SAHIB	KHAMANON	S-NPP	30.84290	76.37360	13:54:31	D	11.50
191	FATEHGARH SAHIB	KHAMANON	S-NPP	30.84740	76.37300	13:54:31	D	11.50
192	FATEHGARH SAHIB	KHERA	S-NPP	30.63360	76.50320	13:54:31	D	2.50
193	FATEHGARH SAHIB	KHERA	S-NPP	30.63550	76.47720	13:54:31	D	4.30
194	FATEHGARH SAHIB	KHERA	S-NPP	30.64810	76.55840	13:54:31	D	3.70
195	FATEHGARH SAHIB	KHERA	S-NPP	30.65090	76.47230	13:54:31	D	6.00

196	FATEHGARH SAHIB	KHERA	S-NPP	30.65290	76.46990	13:54:31	D	5.00
197	FATEHGARH SAHIB	KHERA	S-NPP	30.65820	76.50240	13:54:31	D	2.30
198	FATEHGARH SAHIB	KHERA	S-NPP	30.66090	76.50500	13:54:31	D	4.90
199	FATEHGARH SAHIB	KHERA	S-NPP	30.66270	76.50180	13:54:31	D	2.30
200	FATEHGARH SAHIB	KHERA	S-NPP	30.66510	76.52740	13:54:31	D	4.00
201	FATEHGARH SAHIB	KHERA	S-NPP	30.66800	76.53000	13:54:31	D	3.60
202	FATEHGARH SAHIB	KHERA	S-NPP	30.69040	76.55540	13:54:31	D	6.90
203	FATEHGARH SAHIB	KHERA	AQUA	30.62600	76.46000	14:30:47	D	80.20
204	FATEHGARH SAHIB	KHERA	AQUA	30.62900	76.46400	14:30:47	D	55.10
205	FATEHGARH SAHIB	SIRHIND	S-NPP	30.45430	76.45160	13:54:31	D	5.90
206	FATEHGARH SAHIB	SIRHIND	S-NPP	30.48740	76.46780	13:54:31	D	3.30
207	FATEHGARH SAHIB	SIRHIND	S-NPP	30.48950	76.35090	13:54:31	D	5.30
208	FATEHGARH SAHIB	SIRHIND	S-NPP	30.51160	76.39350	13:54:31	D	3.30
209	FATEHGARH SAHIB	SIRHIND	S-NPP	30.53610	76.42840	13:54:31	D	22.70
210	FATEHGARH SAHIB	SIRHIND	S-NPP	30.53680	76.38760	13:54:31	D	7.80
211	FATEHGARH SAHIB	SIRHIND	S-NPP	30.53730	76.42580	13:54:31	D	20.90
212	FATEHGARH SAHIB	SIRHIND	S-NPP	30.53770	76.38520	13:54:31	D	9.90
213	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54010	76.42280	13:54:31	D	19.40
214	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54060	76.42780	13:54:31	D	22.70
215	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54230	76.43030	13:54:31	D	20.90
216	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54500	76.42730	13:54:31	D	12.60
217	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54670	76.42980	13:54:31	D	6.80
218	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54740	76.45250	13:54:31	D	2.10
219	FATEHGARH SAHIB	SIRHIND	S-NPP	30.57370	76.39810	13:54:31	D	6.90
220	FATEHGARH SAHIB	SIRHIND	S-NPP	30.57420	76.40320	13:54:31	D	8.50
221	FAZILKA	ABOHAR	S-NPP	30.03820	74.03150	13:54:31	D	15.50
222	FAZILKA	ABOHAR	S-NPP	30.04200	74.03100	13:54:31	D	15.50
223	FAZILKA	ABOHAR	S-NPP	30.18930	74.17010	13:54:31	D	7.00
224	FAZILKA	ABOHAR	S-NPP	30.19000	74.17310	13:54:31	D	5.60
225	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.28120	74.27960	13:54:31	D	5.80
226	FAZILKA	FAZILKA	S-NPP	30.50740	74.04160	13:54:31	D	3.30
227	FAZILKA	FAZILKA	S-NPP	30.50830	74.03930	13:54:31	D	2.90
228	FAZILKA	JALALABAD	S-NPP	30.46450	74.32360	13:54:31	D	3.00

229	FAZILKA	JALALABAD	S-NPP	30.58630	74.13570	13:54:31	D	4.20
230	FAZILKA	JALALABAD	S-NPP	30.63980	74.18960	13:54:31	D	3.40
231	FAZILKA	JALALABAD	S-NPP	30.64180	74.23710	13:54:31	D	2.50
232	FAZILKA	KHUIAN SARWAR	S-NPP	30.25850	73.98290	13:54:31	D	5.90
233	FIROZPUR	FIROZPUR	S-NPP	30.97380	74.54620	13:54:31	D	5.30
234	FIROZPUR	FIROZPUR	S-NPP	30.97580	74.52760	13:54:31	D	2.40
235	FIROZPUR	FIROZPUR	S-NPP	31.00610	74.57020	13:54:31	D	6.60
236	FIROZPUR	FIROZPUR	S-NPP	31.01880	74.57450	13:54:31	D	4.30
237	FIROZPUR	FIROZPUR	S-NPP	31.02660	74.64630	13:54:31	D	5.80
238	FIROZPUR	FIROZPUR	S-NPP	31.04260	74.68130	13:54:31	D	11.50
239	FIROZPUR	FIROZPUR	S-NPP	31.04660	74.68070	13:54:31	D	11.50
240	FIROZPUR	FIROZPUR	S-NPP	31.07940	74.79310	13:54:31	D	12.80
241	FIROZPUR	FIROZPUR	S-NPP	31.08480	74.80490	13:54:31	D	2.90
242	FIROZPUR	FIROZPUR	S-NPP	31.09240	74.76170	13:54:31	D	10.20
243	FIROZPUR	FIROZPUR	S-NPP	31.09290	74.76590	13:54:31	D	9.40
244	FIROZPUR	FIROZPUR	TERRA	30.97900	74.51700	11:34:05	D	15.20
245	FIROZPUR	GHALL KHURD	S-NPP	30.77310	74.84800	13:54:31	D	14.90
246	FIROZPUR	GHALL KHURD	S-NPP	30.79480	74.85750	13:54:31	D	18.40
247	FIROZPUR	GHALL KHURD	S-NPP	30.80810	74.86900	13:54:31	D	7.50
248	FIROZPUR	GHALL KHURD	S-NPP	30.80830	74.86810	13:54:31	D	6.20
249	FIROZPUR	GHALL KHURD	S-NPP	30.83640	74.94110	13:54:31	D	1.80
250	FIROZPUR	GHALL KHURD	S-NPP	30.84740	74.88870	13:54:31	D	4.60
251	FIROZPUR	GHALL KHURD	S-NPP	30.85540	74.92570	13:54:31	D	2.40
252	FIROZPUR	GHALL KHURD	S-NPP	30.85970	74.77360	13:54:31	D	5.50
253	FIROZPUR	GHALL KHURD	S-NPP	30.87360	74.82600	13:54:31	D	1.10
254	FIROZPUR	GHALL KHURD	S-NPP	30.90820	74.80870	13:54:31	D	37.20
255	FIROZPUR	GHALL KHURD	S-NPP	30.90880	74.80840	13:54:31	D	37.60
256	FIROZPUR	GHALL KHURD	S-NPP	30.95290	74.68970	13:54:31	D	3.40
257	FIROZPUR	GHALL KHURD	S-NPP	30.95700	74.68920	13:54:31	D	3.40
258	FIROZPUR	GHALL KHURD	S-NPP	30.96500	74.68800	13:54:31	D	4.80
259	FIROZPUR	GHALL KHURD	S-NPP	30.98530	74.76000	13:54:31	D	3.30
260	FIROZPUR	GHALL KHURD	S-NPP	30.98750	74.70550	13:54:31	D	7.90
261	FIROZPUR	GHALL KHURD	S-NPP	30.99150	74.70490	13:54:31	D	7.90

262	FIROZPUR	GURUHAR SAHAI	S-NPP	30.63730	74.34760	13:54:31	D	3.90
263	FIROZPUR	GURUHAR SAHAI	S-NPP	30.63870	74.34860	13:54:31	D	4.70
264	FIROZPUR	GURUHAR SAHAI	S-NPP	30.64640	74.35800	13:54:31	D	3.90
265	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67770	74.46030	13:54:31	D	3.70
266	FIROZPUR	GURUHAR SAHAI	S-NPP	30.69890	74.43330	13:54:31	D	3.10
267	FIROZPUR	GURUHAR SAHAI	S-NPP	30.70750	74.33130	13:54:31	D	3.10
268	FIROZPUR	GURUHAR SAHAI	S-NPP	30.71150	74.33070	13:54:31	D	3.10
269	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72660	74.39350	13:54:31	D	3.80
270	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73060	74.39290	13:54:31	D	3.00
271	FIROZPUR	GURUHAR SAHAI	S-NPP	30.74250	74.46280	13:54:31	D	5.40
272	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76050	74.42260	13:54:31	D	5.50
273	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76160	74.41810	13:54:31	D	8.20
274	FIROZPUR	GURUHAR SAHAI	TERRA	30.66900	74.38900	11:34:05	D	22.40
275	FIROZPUR	MAKHU	S-NPP	31.03690	74.82020	13:54:31	D	2.90
276	FIROZPUR	MAKHU	S-NPP	31.05830	74.94480	13:54:31	D	10.50
277	FIROZPUR	MAKHU	S-NPP	31.10370	75.13830	13:54:31	D	8.60
278	FIROZPUR	MAKHU	S-NPP	31.11530	75.04910	13:54:31	D	3.80
279	FIROZPUR	MAMDOT	S-NPP	30.76570	74.48940	13:54:31	D	11.50
280	FIROZPUR	MAMDOT	S-NPP	30.76750	74.48750	13:54:31	D	6.40
281	FIROZPUR	MAMDOT	S-NPP	30.78040	74.51130	13:54:31	D	12.00
282	FIROZPUR	MAMDOT	S-NPP	30.78100	74.51730	13:54:31	D	12.00
283	FIROZPUR	MAMDOT	S-NPP	30.78170	74.52320	13:54:31	D	13.30
284	FIROZPUR	MAMDOT	S-NPP	30.78200	74.50950	13:54:31	D	22.30
285	FIROZPUR	MAMDOT	S-NPP	30.78450	74.34770	13:54:31	D	5.40
286	FIROZPUR	MAMDOT	S-NPP	30.78840	74.34710	13:54:31	D	5.40
287	FIROZPUR	MAMDOT	S-NPP	30.79040	74.32900	13:54:31	D	8.60
288	FIROZPUR	MAMDOT	S-NPP	30.79500	74.33430	13:54:31	D	6.30
289	FIROZPUR	MAMDOT	S-NPP	30.81270	74.38500	13:54:31	D	3.90
290	FIROZPUR	MAMDOT	S-NPP	30.84840	74.48770	13:54:31	D	4.70
291	FIROZPUR	MAMDOT	S-NPP	30.85310	74.52930	13:54:31	D	35.80
292	FIROZPUR	MAMDOT	S-NPP	30.85710	74.52870	13:54:31	D	35.80
293	FIROZPUR	MAMDOT	S-NPP	30.89140	74.46120	13:54:31	D	5.40
294	FIROZPUR	MAMDOT	S-NPP	30.89540	74.46060	13:54:31	D	19.80

295	FIROZPUR	MAMDOT	S-NPP	30.94120	74.43580	13:54:31	D	9.10
296	FIROZPUR	MAMDOT	S-NPP	30.94510	74.47140	13:54:31	D	3.30
297	FIROZPUR	MAMDOT	TERRA	30.83500	74.45200	11:34:05	D	21.60
298	FIROZPUR	MAMDOT	TERRA	30.83900	74.43200	11:34:05	D	12.10
299	FIROZPUR	MAMDOT	AQUA	30.89500	74.41300	14:30:47	D	32.10
300	FIROZPUR	ZIRA	S-NPP	30.92050	74.98900	13:54:31	D	1.70
301	FIROZPUR	ZIRA	S-NPP	30.99070	74.84740	13:54:31	D	4.30
302	FIROZPUR	ZIRA	S-NPP	31.01240	74.85700	13:54:31	D	1.60
303	FIROZPUR	ZIRA	S-NPP	31.02210	74.90660	13:54:31	D	2.30
304	FIROZPUR	ZIRA	S-NPP	31.02900	74.86360	13:54:31	D	9.10
305	FIROZPUR	ZIRA	S-NPP	31.03250	74.89720	13:54:31	D	3.00
306	FIROZPUR	ZIRA	S-NPP	31.03660	74.89660	13:54:31	D	3.00
307	GURDASPUR	BATALA	S-NPP	31.75860	75.19700	13:54:31	D	7.80
308	GURDASPUR	DERA BABA NANAK	S-NPP	31.96920	75.00750	13:54:31	D	5.60
309	GURDASPUR	DERA BABA NANAK	S-NPP	31.99040	74.96890	13:54:31	D	3.30
310	GURDASPUR	DERA BABA NANAK	S-NPP	32.00350	75.05210	13:54:31	D	5.60
311	GURDASPUR	DERA BABA NANAK	S-NPP	32.00410	75.05280	13:54:31	D	4.20
312	GURDASPUR	DERA BABA NANAK	S-NPP	32.01370	75.06500	13:54:31	D	4.50
313	GURDASPUR	DERA BABA NANAK	S-NPP	32.03480	74.98120	13:54:31	D	2.50
314	GURDASPUR	DHARIWAL	S-NPP	31.90760	75.31990	13:54:31	D	6.40
315	GURDASPUR	DHARIWAL	S-NPP	31.93670	75.22950	13:54:31	D	6.60
316	GURDASPUR	DHARIWAL	S-NPP	31.94460	75.26530	13:54:31	D	2.20
317	GURDASPUR	DHARIWAL	S-NPP	31.96560	75.30410	13:54:31	D	3.10
318	GURDASPUR	DHARIWAL	S-NPP	31.96620	75.26700	13:54:31	D	5.70
319	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.79850	75.09210	13:54:31	D	2.40
320	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.79920	75.09290	13:54:31	D	4.20
321	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.81690	75.05900	13:54:31	D	2.70
322	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.84920	75.12650	13:54:31	D	8.40
323	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.85860	75.09360	13:54:31	D	3.20
324	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.87990	75.05470	13:54:31	D	4.70
325	GURDASPUR	GURDASPUR	S-NPP	32.03390	75.34140	13:54:31	D	3.50
326	GURDASPUR	GURDASPUR	S-NPP	32.06060	75.32030	13:54:31	D	3.10
327	GURDASPUR	KAHNUWAN	S-NPP	31.79880	75.54980	13:54:31	D	3.90

328	GURDASPUR	KAHNUWAN	S-NPP	31.83580	75.41830	13:54:31	D	2.40
329	GURDASPUR	KAHNUWAN	S-NPP	31.84760	75.40730	13:54:31	D	3.40
330	GURDASPUR	KAHNUWAN	S-NPP	31.85570	75.40160	13:54:31	D	2.70
331	GURDASPUR	KAHNUWAN	S-NPP	31.85970	75.48590	13:54:31	D	9.00
332	GURDASPUR	KAHNUWAN	S-NPP	31.89020	75.40160	13:54:31	D	2.30
333	GURDASPUR	KAHNUWAN	S-NPP	31.89090	75.53880	13:54:31	D	2.50
334	GURDASPUR	KAHNUWAN	S-NPP	31.91330	75.50240	13:54:31	D	4.80
335	GURDASPUR	KALANAUR	S-NPP	32.02380	75.20390	13:54:31	D	1.70
336	GURDASPUR	KALANAUR	S-NPP	32.04800	75.11010	13:54:31	D	8.00
337	GURDASPUR	QADIAN	S-NPP	31.75790	75.35780	13:54:31	D	2.20
338	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.64200	75.35380	13:54:31	D	1.90
339	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.64910	75.33900	13:54:31	D	3.70
340	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.67490	75.38170	13:54:31	D	2.90
341	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.67530	75.42810	13:54:31	D	1.60
342	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.68430	75.43160	13:54:31	D	3.00
343	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70780	75.40970	13:54:31	D	6.10
344	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.71210	75.40910	13:54:31	D	17.30
345	HOSHIARPUR	DASUYA	S-NPP	31.74200	75.59090	13:54:31	D	5.60
346	HOSHIARPUR	DASUYA	S-NPP	31.74250	75.59560	13:54:31	D	4.70
347	HOSHIARPUR	DASUYA	S-NPP	31.74290	75.60030	13:54:31	D	4.70
348	HOSHIARPUR	DASUYA	S-NPP	31.80780	75.59640	13:54:31	D	3.60
349	HOSHIARPUR	GARH SHANKAR	S-NPP	31.25430	76.09790	13:54:31	D	2.70
350	HOSHIARPUR	TANDA	S-NPP	31.63980	75.59340	13:54:31	D	2.40
351	HOSHIARPUR	TANDA	S-NPP	31.64840	75.59220	13:54:31	D	7.60
352	HOSHIARPUR	TANDA	S-NPP	31.66040	75.53840	13:54:31	D	4.90
353	HOSHIARPUR	TANDA	S-NPP	31.66180	75.55240	13:54:31	D	3.60
354	HOSHIARPUR	TANDA	S-NPP	31.69510	75.58120	13:54:31	D	5.50
355	HOSHIARPUR	TANDA	S-NPP	31.72270	75.59660	13:54:31	D	4.80
356	HOSHIARPUR	TANDA	S-NPP	31.72320	75.60130	13:54:31	D	4.80
357	HOSHIARPUR	TANDA	S-NPP	31.72900	75.61490	13:54:31	D	13.30
358	HOSHIARPUR	TANDA	S-NPP	31.73990	75.59430	13:54:31	D	11.00
359	JALANDHAR	ADAMPUR	S-NPP	31.44680	75.71100	13:54:31	D	2.80
360	JALANDHAR	BHOGPUR	S-NPP	31.50370	75.66990	13:54:31	D	3.80

361	JALANDHAR	BHOGPUR	S-NPP	31.52860	75.70020	13:54:31	D	4.30
362	JALANDHAR	BHOGPUR	S-NPP	31.53040	75.69640	13:54:31	D	4.30
363	JALANDHAR	JALANDHAR EAST	S-NPP	31.34120	75.76220	13:54:31	D	3.80
364	JALANDHAR	JALANDHAR WEST	S-NPP	31.42910	75.57550	13:54:31	D	2.20
365	JALANDHAR	JALANDHAR WEST	S-NPP	31.48800	75.55820	13:54:31	D	4.80
366	JALANDHAR	JALANDHAR WEST	S-NPP	31.49460	75.45450	13:54:31	D	5.80
367	JALANDHAR	LOHIAN	S-NPP	31.09770	75.16110	13:54:31	D	7.40
368	JALANDHAR	LOHIAN	S-NPP	31.11150	75.21240	13:54:31	D	20.50
369	JALANDHAR	LOHIAN	S-NPP	31.11320	75.31050	13:54:31	D	7.90
370	JALANDHAR	LOHIAN	S-NPP	31.11700	75.22490	13:54:31	D	9.40
371	JALANDHAR	LOHIAN	S-NPP	31.12120	75.22440	13:54:31	D	9.40
372	JALANDHAR	LOHIAN	S-NPP	31.12630	75.19260	13:54:31	D	5.80
373	JALANDHAR	LOHIAN	S-NPP	31.13230	75.24960	13:54:31	D	52.50
374	JALANDHAR	LOHIAN	S-NPP	31.14160	75.21710	13:54:31	D	7.10
375	JALANDHAR	LOHIAN	S-NPP	31.14200	75.22150	13:54:31	D	7.10
376	JALANDHAR	LOHIAN	S-NPP	31.14290	75.19020	13:54:31	D	4.60
377	JALANDHAR	LOHIAN	S-NPP	31.15320	75.32750	13:54:31	D	18.10
378	JALANDHAR	LOHIAN	S-NPP	31.15840	75.33580	13:54:31	D	11.60
379	JALANDHAR	LOHIAN	S-NPP	31.15880	75.34030	13:54:31	D	2.70
380	JALANDHAR	LOHIAN	S-NPP	31.16100	75.20110	13:54:31	D	3.70
381	JALANDHAR	LOHIAN	S-NPP	31.16180	75.13020	13:54:31	D	2.50
382	JALANDHAR	LOHIAN	S-NPP	31.16190	75.20250	13:54:31	D	5.70
383	JALANDHAR	LOHIAN	S-NPP	31.16260	75.33530	13:54:31	D	6.40
384	JALANDHAR	MEHATPUR	S-NPP	31.01170	75.48680	13:54:31	D	5.00
385	JALANDHAR	NAKODAR	S-NPP	31.11050	75.45160	13:54:31	D	2.60
386	JALANDHAR	NAKODAR	S-NPP	31.19180	75.49120	13:54:31	D	4.70
387	JALANDHAR	NUR MAHAL	S-NPP	31.00890	75.63060	13:54:31	D	5.00
388	JALANDHAR	NUR MAHAL	S-NPP	31.04590	75.56970	13:54:31	D	4.10
389	JALANDHAR	NUR MAHAL	S-NPP	31.06480	75.66990	13:54:31	D	5.20
390	JALANDHAR	PHILLAUR	S-NPP	31.03580	75.85940	13:54:31	D	7.00
391	JALANDHAR	PHILLAUR	S-NPP	31.04320	75.75790	13:54:31	D	4.40
392	JALANDHAR	PHILLAUR	S-NPP	31.04370	75.76260	13:54:31	D	6.70
393	JALANDHAR	PHILLAUR	S-NPP	31.06990	75.80690	13:54:31	D	2.90

394	JALANDHAR	PHILLAUR	S-NPP	31.07760	75.75330	13:54:31	D	2.50
395	JALANDHAR	PHILLAUR	S-NPP	31.13590	75.83830	13:54:31	D	4.10
396	JALANDHAR	PHILLAUR	S-NPP	31.19260	75.79230	13:54:31	D	4.80
397	JALANDHAR	RURKA KALAN	S-NPP	31.13580	75.70440	13:54:31	D	2.10
398	JALANDHAR	RURKA KALAN	S-NPP	31.14520	75.75550	13:54:31	D	3.80
399	JALANDHAR	RURKA KALAN	S-NPP	31.15070	75.63630	13:54:31	D	6.10
400	JALANDHAR	RURKA KALAN	S-NPP	31.15140	75.77380	13:54:31	D	4.50
401	JALANDHAR	RURKA KALAN	S-NPP	31.16730	75.67180	13:54:31	D	15.40
402	JALANDHAR	RURKA KALAN	S-NPP	31.17820	75.69400	13:54:31	D	5.50
403	JALANDHAR	SHAHKOT	S-NPP	31.00260	75.35620	13:54:31	D	5.60
404	JALANDHAR	SHAHKOT	S-NPP	31.02410	75.35770	13:54:31	D	6.60
405	JALANDHAR	SHAHKOT	S-NPP	31.03110	75.30280	13:54:31	D	2.10
406	JALANDHAR	SHAHKOT	S-NPP	31.04820	75.26470	13:54:31	D	2.00
407	JALANDHAR	SHAHKOT	S-NPP	31.05100	75.25100	13:54:31	D	3.00
408	JALANDHAR	SHAHKOT	S-NPP	31.06570	75.21870	13:54:31	D	2.40
409	JALANDHAR	SHAHKOT	S-NPP	31.06980	75.21810	13:54:31	D	2.40
410	JALANDHAR	SHAHKOT	S-NPP	31.09580	75.34890	13:54:31	D	4.60
411	JALANDHAR	SHAHKOT	S-NPP	31.10950	75.27510	13:54:31	D	4.50
412	JALANDHAR	SHAHKOT	AQUA	31.07100	75.21100	14:30:47	D	41.60
413	KAPURTHALA	DHILWAN	S-NPP	31.39010	75.22630	13:54:31	D	6.10
414	KAPURTHALA	DHILWAN	S-NPP	31.44530	75.35040	13:54:31	D	19.00
415	KAPURTHALA	DHILWAN	S-NPP	31.45040	75.40030	13:54:31	D	5.70
416	KAPURTHALA	DHILWAN	S-NPP	31.45890	75.39910	13:54:31	D	3.90
417	KAPURTHALA	DHILWAN	S-NPP	31.45980	75.36680	13:54:31	D	7.20
418	KAPURTHALA	DHILWAN	S-NPP	31.46030	75.33000	13:54:31	D	14.80
419	KAPURTHALA	DHILWAN	S-NPP	31.47340	75.41560	13:54:31	D	9.30
420	KAPURTHALA	DHILWAN	S-NPP	31.49220	75.39000	13:54:31	D	6.40
421	KAPURTHALA	DHILWAN	S-NPP	31.49510	75.41730	13:54:31	D	6.40
422	KAPURTHALA	DHILWAN	S-NPP	31.49880	75.41220	13:54:31	D	6.20
423	KAPURTHALA	DHILWAN	S-NPP	31.51220	75.42050	13:54:31	D	7.60
424	KAPURTHALA	DHILWAN	S-NPP	31.51250	75.41960	13:54:31	D	6.30
425	KAPURTHALA	DHILWAN	S-NPP	31.51380	75.39250	13:54:31	D	4.40
426	KAPURTHALA	DHILWAN	S-NPP	31.52360	75.40510	13:54:31	D	5.60

427	KAPURTHALA	KAPURTHALA	S-NPP	31.25270	75.34280	13:54:31	D	7.00
428	KAPURTHALA	KAPURTHALA	S-NPP	31.29240	75.35550	13:54:31	D	5.40
429	KAPURTHALA	KAPURTHALA	S-NPP	31.29260	75.35670	13:54:31	D	6.50
430	KAPURTHALA	KAPURTHALA	S-NPP	31.31310	75.39040	13:54:31	D	13.10
431	KAPURTHALA	KAPURTHALA	S-NPP	31.32230	75.27100	13:54:31	D	4.80
432	KAPURTHALA	KAPURTHALA	S-NPP	31.33150	75.31950	13:54:31	D	7.30
433	KAPURTHALA	KAPURTHALA	S-NPP	31.33200	75.32400	13:54:31	D	7.30
434	KAPURTHALA	KAPURTHALA	S-NPP	31.34160	75.41870	13:54:31	D	9.40
435	KAPURTHALA	KAPURTHALA	S-NPP	31.34920	75.40840	13:54:31	D	8.40
436	KAPURTHALA	KAPURTHALA	S-NPP	31.37260	75.30480	13:54:31	D	7.20
437	KAPURTHALA	KAPURTHALA	S-NPP	31.37540	75.33170	13:54:31	D	4.60
438	KAPURTHALA	KAPURTHALA	S-NPP	31.40640	75.34660	13:54:31	D	6.80
439	KAPURTHALA	KAPURTHALA	S-NPP	31.43910	75.41560	13:54:31	D	10.60
440	KAPURTHALA	NADALA	S-NPP	31.47010	75.50900	13:54:31	D	4.60
441	KAPURTHALA	NADALA	S-NPP	31.53470	75.47330	13:54:31	D	2.30
442	KAPURTHALA	NADALA	S-NPP	31.55730	75.48420	13:54:31	D	3.40
443	KAPURTHALA	NADALA	S-NPP	31.56280	75.58230	13:54:31	D	2.50
444	KAPURTHALA	NADALA	S-NPP	31.56720	75.49690	13:54:31	D	6.40
445	KAPURTHALA	NADALA	S-NPP	31.56770	75.50160	13:54:31	D	6.10
446	KAPURTHALA	NADALA	S-NPP	31.56810	75.54860	13:54:31	D	6.30
447	KAPURTHALA	NADALA	S-NPP	31.56950	75.56250	13:54:31	D	7.10
448	KAPURTHALA	NADALA	S-NPP	31.57440	75.48190	13:54:31	D	5.90
449	KAPURTHALA	NADALA	S-NPP	31.58420	75.53700	13:54:31	D	4.80
450	KAPURTHALA	NADALA	S-NPP	31.58950	75.54570	13:54:31	D	6.70
451	KAPURTHALA	NADALA	S-NPP	31.59660	75.48830	13:54:31	D	6.20
452	KAPURTHALA	NADALA	S-NPP	31.59940	75.51610	13:54:31	D	3.20
453	KAPURTHALA	NADALA	S-NPP	31.60040	75.48310	13:54:31	D	3.30
454	KAPURTHALA	NADALA	S-NPP	31.60080	75.48770	13:54:31	D	6.20
455	KAPURTHALA	NADALA	S-NPP	31.60130	75.49230	13:54:31	D	6.20
456	KAPURTHALA	NADALA	S-NPP	31.61270	75.47680	13:54:31	D	2.30
457	KAPURTHALA	NADALA	S-NPP	31.61700	75.49240	13:54:31	D	10.00
458	KAPURTHALA	NADALA	S-NPP	31.61880	75.49470	13:54:31	D	5.90
459	KAPURTHALA	NADALA	S-NPP	31.61980	75.50390	13:54:31	D	2.70

460	KAPURTHALA	NADALA	S-NPP	31.62200	75.54360	13:54:31	D	5.10
461	KAPURTHALA	NADALA	S-NPP	31.62370	75.54110	13:54:31	D	6.70
462	KAPURTHALA	NADALA	S-NPP	31.63270	75.47620	13:54:31	D	3.80
463	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.17560	75.12980	13:54:31	D	8.10
464	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.17750	75.10750	13:54:31	D	3.40
465	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.19680	75.13120	13:54:31	D	7.50
466	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.20640	75.14310	13:54:31	D	2.10
467	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.21320	75.24900	13:54:31	D	4.50
468	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.23590	75.10370	13:54:31	D	2.20
469	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.23780	75.28160	13:54:31	D	2.60
470	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.24840	75.14170	13:54:31	D	24.10
471	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.24940	75.15040	13:54:31	D	2.10
472	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.25450	75.23890	13:54:31	D	3.60
473	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.25780	75.26980	13:54:31	D	3.10
474	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.26570	75.26420	13:54:31	D	6.20
475	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.26790	75.16560	13:54:31	D	3.70
476	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.26880	75.16200	13:54:31	D	2.10
477	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.32980	75.22050	13:54:31	D	12.90
478	LUDHIANA	DEHLON	S-NPP	30.78930	75.88590	13:54:31	D	4.60
479	LUDHIANA	DORAHA	S-NPP	30.70200	75.99180	13:54:31	D	4.10
480	LUDHIANA	DORAHA	S-NPP	30.71690	75.96570	13:54:31	D	3.10
481	LUDHIANA	DORAHA	S-NPP	30.71850	75.96730	13:54:31	D	9.20
482	LUDHIANA	DORAHA	S-NPP	30.74480	76.05610	13:54:31	D	12.20
483	LUDHIANA	DORAHA	S-NPP	30.74530	76.06100	13:54:31	D	12.20
484	LUDHIANA	JAGRAON	S-NPP	30.63770	75.37860	13:54:31	D	5.60
485	LUDHIANA	JAGRAON	S-NPP	30.63820	75.38300	13:54:31	D	5.60
486	LUDHIANA	JAGRAON	S-NPP	30.77200	75.47380	13:54:31	D	1.70
487	LUDHIANA	JAGRAON	S-NPP	30.77610	75.47520	13:54:31	D	9.50
488	LUDHIANA	KHANNA	S-NPP	30.56830	76.07060	13:54:31	D	7.20
489	LUDHIANA	KHANNA	S-NPP	30.67690	76.04840	13:54:31	D	5.00
490	LUDHIANA	KHANNA	S-NPP	30.75250	76.08950	13:54:31	D	4.10
491	LUDHIANA	LUDHIANA-2	S-NPP	30.92570	76.05030	13:54:31	D	10.10
492	LUDHIANA	LUDHIANA-2	S-NPP	30.92620	76.05510	13:54:31	D	10.80

493	LUDHIANA	LUDHIANA-2	S-NPP	30.92630	76.05250	13:54:31	D	16.40
494	LUDHIANA	LUDHIANA-2	S-NPP	30.92960	76.08660	13:54:31	D	6.60
495	LUDHIANA	LUDHIANA-2	S-NPP	30.97320	75.85670	13:54:31	D	3.30
496	LUDHIANA	MACHHIWARA	S-NPP	30.83050	76.24840	13:54:31	D	4.60
497	LUDHIANA	MACHHIWARA	S-NPP	30.83050	76.29380	13:54:31	D	5.70
498	LUDHIANA	MACHHIWARA	S-NPP	30.83490	76.29320	13:54:31	D	6.50
499	LUDHIANA	MACHHIWARA	S-NPP	30.83800	76.24550	13:54:31	D	7.10
500	LUDHIANA	MACHHIWARA	S-NPP	30.83880	76.24230	13:54:31	D	4.00
501	LUDHIANA	MACHHIWARA	S-NPP	30.83930	76.24730	13:54:31	D	4.00
502	LUDHIANA	MACHHIWARA	S-NPP	30.85360	76.26870	13:54:31	D	3.00
503	LUDHIANA	MACHHIWARA	S-NPP	30.85510	76.27050	13:54:31	D	3.50
504	LUDHIANA	MACHHIWARA	S-NPP	30.90430	76.28260	13:54:31	D	7.40
505	LUDHIANA	MACHHIWARA	S-NPP	30.90670	76.26200	13:54:31	D	4.00
506	LUDHIANA	MACHHIWARA	S-NPP	30.93330	76.25870	13:54:31	D	3.10
507	LUDHIANA	MACHHIWARA	S-NPP	30.93780	76.30370	13:54:31	D	6.80
508	LUDHIANA	MACHHIWARA	S-NPP	30.95680	76.22540	13:54:31	D	1.70
509	LUDHIANA	MACHHIWARA	S-NPP	30.96960	76.22620	13:54:31	D	8.10
510	LUDHIANA	MACHHIWARA	S-NPP	30.98180	76.26010	13:54:31	D	3.90
511	LUDHIANA	MACHHIWARA	S-NPP	30.99260	76.23340	13:54:31	D	4.00
512	LUDHIANA	MACHHIWARA	S-NPP	30.99450	76.29910	13:54:31	D	3.40
513	LUDHIANA	MACHHIWARA	AQUA	30.91800	76.22300	14:30:47	D	54.10
514	LUDHIANA	MALOD	S-NPP	30.66630	75.94340	13:54:31	D	3.10
515	LUDHIANA	MALOD	S-NPP	30.69520	75.96850	13:54:31	D	4.20
516	LUDHIANA	PAKHOWAL	S-NPP	30.64300	75.75690	13:54:31	D	7.40
517	LUDHIANA	PAKHOWAL	S-NPP	30.65350	75.73210	13:54:31	D	3.50
518	LUDHIANA	PAKHOWAL	S-NPP	30.70610	75.66610	13:54:31	D	2.90
519	LUDHIANA	PAKHOWAL	S-NPP	30.71580	75.76280	13:54:31	D	5.60
520	LUDHIANA	RAIKOT	S-NPP	30.58640	75.49780	13:54:31	D	4.80
521	LUDHIANA	RAIKOT	S-NPP	30.60440	75.63210	13:54:31	D	6.50
522	LUDHIANA	RAIKOT	S-NPP	30.67730	75.55030	13:54:31	D	2.90
523	LUDHIANA	RAIKOT	S-NPP	30.73080	75.52940	13:54:31	D	3.10
524	LUDHIANA	SAMRALA	S-NPP	30.79180	76.17330	13:54:31	D	3.90
525	LUDHIANA	SAMRALA	S-NPP	30.82100	76.11010	13:54:31	D	6.20

526	LUDHIANA	SIDHWAN BET	S-NPP	30.83690	75.60900	13:54:31	D	6.90
527	LUDHIANA	SIDHWAN BET	S-NPP	30.84540	75.52500	13:54:31	D	2.70
528	LUDHIANA	SIDHWAN BET	S-NPP	30.84770	75.38410	13:54:31	D	11.90
529	LUDHIANA	SIDHWAN BET	S-NPP	30.86320	75.40600	13:54:31	D	2.20
530	LUDHIANA	SIDHWAN BET	S-NPP	30.89880	75.50570	13:54:31	D	7.10
531	LUDHIANA	SIDHWAN BET	S-NPP	30.89930	75.51020	13:54:31	D	13.80
532	LUDHIANA	SIDHWAN BET	S-NPP	30.90360	75.46850	13:54:31	D	3.80
533	LUDHIANA	SIDHWAN BET	S-NPP	30.92480	75.38400	13:54:31	D	5.20
534	LUDHIANA	SIDHWAN BET	S-NPP	30.94960	75.58170	13:54:31	D	16.70
535	LUDHIANA	SIDHWAN BET	S-NPP	30.95380	75.58120	13:54:31	D	16.70
536	LUDHIANA	SIDHWAN BET	S-NPP	30.96410	75.43300	13:54:31	D	2.60
537	LUDHIANA	SIDHWAN BET	S-NPP	30.96870	75.43690	13:54:31	D	3.50
538	LUDHIANA	SIDHWAN BET	S-NPP	30.97470	75.45980	13:54:31	D	5.60
539	LUDHIANA	SIDHWAN BET	S-NPP	30.97530	75.45880	13:54:31	D	3.70
540	LUDHIANA	SIDHWAN BET	S-NPP	30.97850	75.45470	13:54:31	D	5.60
541	LUDHIANA	SIDHWAN BET	S-NPP	30.97910	75.45380	13:54:31	D	8.60
542	MANSA	BHIKHI	S-NPP	30.11700	75.61890	13:54:31	D	6.90
543	MANSA	BHIKHI	S-NPP	30.13670	75.39880	13:54:31	D	2.20
544	MANSA	BHIKHI	S-NPP	30.13930	75.58950	13:54:31	D	1.60
545	MANSA	BUDHLADA	S-NPP	29.75780	75.57420	13:54:31	D	3.60
546	MANSA	BUDHLADA	S-NPP	29.80260	75.67510	13:54:31	D	3.00
547	MANSA	BUDHLADA	S-NPP	29.80630	75.67010	13:54:31	D	3.00
548	MANSA	BUDHLADA	S-NPP	29.80680	75.67450	13:54:31	D	3.00
549	MANSA	BUDHLADA	S-NPP	29.80970	75.46600	13:54:31	D	2.50
550	MANSA	BUDHLADA	S-NPP	29.81030	75.49880	13:54:31	D	7.10
551	MANSA	BUDHLADA	S-NPP	29.83740	75.59680	13:54:31	D	5.90
552	MANSA	BUDHLADA	S-NPP	29.85980	75.56700	13:54:31	D	4.60
553	MANSA	BUDHLADA	S-NPP	29.86080	75.74190	13:54:31	D	2.70
554	MANSA	BUDHLADA	S-NPP	29.89700	75.67830	13:54:31	D	1.10
555	MANSA	BUDHLADA	S-NPP	29.91050	75.60470	13:54:31	D	4.20
556	MANSA	BUDHLADA	S-NPP	30.01430	75.65870	13:54:31	D	5.50
557	MANSA	BUDHLADA	S-NPP	30.03730	75.67370	13:54:31	D	5.60
558	MANSA	BUDHLADA	S-NPP	30.03730	75.67490	13:54:31	D	7.60

559	MANSA	JHUNIR	S-NPP	29.82300	75.22090	13:54:31	D	6.40
560	MANSA	MANSA	S-NPP	29.90040	75.39470	13:54:31	D	1.60
561	MANSA	MANSA	S-NPP	29.92940	75.41730	13:54:31	D	19.80
562	MANSA	SARDULGARH	S-NPP	29.60350	75.24530	13:54:31	D	4.00
563	MANSA	SARDULGARH	S-NPP	29.62210	75.26380	13:54:31	D	2.00
564	MANSA	SARDULGARH	S-NPP	29.64810	75.31110	13:54:31	D	2.80
565	MANSA	SARDULGARH	S-NPP	29.66310	75.22010	13:54:31	D	10.40
566	MANSA	SARDULGARH	S-NPP	29.72540	75.34770	13:54:31	D	5.70
567	MANSA	SARDULGARH	S-NPP	29.73640	75.33330	13:54:31	D	3.00
568	MANSA	SARDULGARH	S-NPP	29.78860	75.31320	13:54:31	D	2.40
569	MANSA	SARDULGARH	S-NPP	29.80830	75.23990	13:54:31	D	3.60
570	MANSA	SARDULGARH	S-NPP	29.82250	75.21670	13:54:31	D	6.40
571	MOGA	BAGHA PURANA	S-NPP	30.53260	75.06180	13:54:31	D	10.70
572	MOGA	BAGHA PURANA	S-NPP	30.70430	75.04270	13:54:31	D	3.20
573	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.89790	75.32930	13:54:31	D	7.90
574	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.89880	75.33810	13:54:31	D	5.00
575	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.90660	75.37300	13:54:31	D	2.90
576	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.94010	75.32800	13:54:31	D	1.30
577	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.95650	75.36170	13:54:31	D	1.40
578	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.09960	75.13880	13:54:31	D	8.60
579	MOGA	MOGA-1	S-NPP	30.71270	75.35600	13:54:31	D	8.50
580	MOGA	MOGA-1	S-NPP	30.71730	75.35980	13:54:31	D	6.80
581	MOGA	MOGA-1	S-NPP	30.73330	75.15510	13:54:31	D	5.50
582	MOGA	MOGA-1	S-NPP	30.73410	75.18710	13:54:31	D	5.30
583	MOGA	MOGA-1	S-NPP	30.73470	75.15220	13:54:31	D	5.40
584	MOGA	MOGA-1	S-NPP	30.73660	75.18510	13:54:31	D	3.20
585	MOGA	MOGA-1	S-NPP	30.73780	75.35260	13:54:31	D	4.10
586	MOGA	MOGA-1	S-NPP	30.76520	75.24420	13:54:31	D	7.40
587	MOGA	MOGA-2	S-NPP	30.79530	75.05280	13:54:31	D	4.70
588	MOGA	MOGA-2	S-NPP	30.79580	75.05700	13:54:31	D	4.70
589	MOGA	MOGA-2	S-NPP	30.80450	75.09900	13:54:31	D	2.10
590	MOGA	NIHAL SINGH	S-NPP	30.51990	75.35400	13:54:31	D	6.10
591	MOGA	NIHAL SINGH	S-NPP	30.57650	75.32050	13:54:31	D	3.60

592	MOGA	NIHAL SINGH	S-NPP	30.58330	75.38600	13:54:31	D	5.70
593	MOGA	NIHAL SINGH	S-NPP	30.58580	75.32800	13:54:31	D	6.60
594	MOGA	NIHAL SINGH	S-NPP	30.58990	75.32750	13:54:31	D	6.60
595	MOGA	NIHAL SINGH	S-NPP	30.59590	75.34440	13:54:31	D	16.50
596	MOGA	NIHAL SINGH	S-NPP	30.61310	75.38640	13:54:31	D	2.00
597	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.28170	74.53120	13:54:31	D	12.80
598	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.32130	74.70560	13:54:31	D	5.80
599	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.32730	74.68650	13:54:31	D	5.00
600	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.36230	74.78010	13:54:31	D	4.80
601	MUKTSAR	KOT BHAI AT GIDDERBAHA	TERRA	30.26100	74.58300	11:34:05	D	16.10
602	MUKTSAR	LAMBI	S-NPP	30.04750	74.42210	13:54:31	D	16.20
603	MUKTSAR	MALOUT	S-NPP	30.16870	74.52860	02:44:31	N	0.50
604	MUKTSAR	MALOUT	S-NPP	30.22180	74.51860	13:54:31	D	6.60
605	MUKTSAR	MALOUT	S-NPP	30.23620	74.46930	13:54:31	D	12.10
606	MUKTSAR	MALOUT	S-NPP	30.23830	74.46660	13:54:31	D	24.60
607	MUKTSAR	MALOUT	S-NPP	30.25410	74.46420	13:54:31	D	3.20
608	MUKTSAR	MUKTSAR	S-NPP	30.43510	74.31050	13:54:31	D	4.40
609	MUKTSAR	MUKTSAR	S-NPP	30.43610	74.31250	13:54:31	D	4.80
610	MUKTSAR	MUKTSAR	S-NPP	30.43630	74.41780	13:54:31	D	6.40
611	MUKTSAR	MUKTSAR	S-NPP	30.43870	74.41540	13:54:31	D	4.30
612	MUKTSAR	MUKTSAR	S-NPP	30.44710	74.45560	13:54:31	D	1.80
613	MUKTSAR	MUKTSAR	S-NPP	30.44830	74.45150	13:54:31	D	3.60
614	MUKTSAR	MUKTSAR	S-NPP	30.53420	74.58640	13:54:31	D	22.00
615	MUKTSAR	MUKTSAR	S-NPP	30.53490	74.59230	13:54:31	D	22.00
616	MUKTSAR	MUKTSAR	S-NPP	30.53550	74.59820	13:54:31	D	4.70
617	MUKTSAR	MUKTSAR	S-NPP	30.54350	74.59710	13:54:31	D	4.60
618	MUKTSAR	MUKTSAR	S-NPP	30.61630	74.54240	13:54:31	D	5.10
619	MUKTSAR	MUKTSAR	S-NPP	30.65280	74.50710	13:54:31	D	4.20
620	PATIALA	BHUNARHERI	S-NPP	30.07850	76.54580	13:54:31	D	4.80
621	PATIALA	BHUNARHERI	S-NPP	30.21180	76.54140	13:54:31	D	2.20
622	PATIALA	BHUNARHERI	S-NPP	30.23390	76.46410	13:54:31	D	9.60
623	PATIALA	BHUNARHERI	S-NPP	30.23540	76.46220	13:54:31	D	6.70
624	PATIALA	BHUNARHERI	S-NPP	30.24510	76.48810	13:54:31	D	3.30

625	PATIALA	BHUNARHERI	S-NPP	30.25880	76.53740	13:54:31	D	5.00
626	PATIALA	BHUNARHERI	S-NPP	30.27600	76.62270	13:54:31	D	2.60
627	PATIALA	BHUNARHERI	AQUA	30.16400	76.57000	12:53:19	D	39.00
628	PATIALA	GHANAUR	S-NPP	30.30390	76.67650	13:54:31	D	8.30
629	PATIALA	GHANAUR	S-NPP	30.30500	76.59320	13:54:31	D	18.70
630	PATIALA	GHANAUR	S-NPP	30.33480	76.57410	13:54:31	D	12.00
631	PATIALA	GHANAUR	S-NPP	30.33650	76.56730	13:54:31	D	3.90
632	PATIALA	GHANAUR	S-NPP	30.33700	76.57240	13:54:31	D	15.50
633	PATIALA	GHANAUR	S-NPP	30.35790	76.55420	13:54:31	D	4.50
634	PATIALA	GHANAUR	S-NPP	30.36000	76.69040	13:54:31	D	2.70
635	PATIALA	GHANAUR	S-NPP	30.36140	76.68890	13:54:31	D	3.90
636	PATIALA	GHANAUR	S-NPP	30.36390	76.52260	13:54:31	D	6.20
637	PATIALA	GHANAUR	S-NPP	30.37730	76.52090	13:54:31	D	3.80
638	PATIALA	GHANAUR	S-NPP	30.39610	76.57520	13:54:31	D	2.20
639	PATIALA	GHANAUR	S-NPP	30.41160	76.54750	13:54:31	D	3.20
640	PATIALA	NABHA	S-NPP	30.30110	76.19660	13:54:31	D	6.00
641	PATIALA	NABHA	S-NPP	30.30130	76.19480	13:54:31	D	6.30
642	PATIALA	NABHA	S-NPP	30.35730	76.04670	13:54:31	D	7.00
643	PATIALA	NABHA	S-NPP	30.39210	76.12930	13:54:31	D	6.60
644	PATIALA	NABHA	S-NPP	30.39660	76.21690	13:54:31	D	2.80
645	PATIALA	NABHA	S-NPP	30.41790	76.16500	13:54:31	D	4.10
646	PATIALA	NABHA	S-NPP	30.41800	76.16640	13:54:31	D	5.80
647	PATIALA	NABHA	S-NPP	30.43080	76.11580	13:54:31	D	2.70
648	PATIALA	NABHA	S-NPP	30.44580	76.31630	13:54:31	D	4.20
649	PATIALA	NABHA	S-NPP	30.44620	76.18230	13:54:31	D	5.50
650	PATIALA	NABHA	S-NPP	30.44830	76.06980	13:54:31	D	7.30
651	PATIALA	NABHA	S-NPP	30.45070	76.32070	13:54:31	D	4.20
652	PATIALA	NABHA	S-NPP	30.45510	76.32010	13:54:31	D	17.10
653	PATIALA	NABHA	S-NPP	30.45680	76.24510	13:54:31	D	2.30
654	PATIALA	NABHA	S-NPP	30.46160	76.29430	13:54:31	D	21.20
655	PATIALA	NABHA	S-NPP	30.48550	76.08920	13:54:31	D	2.70
656	PATIALA	NABHA	S-NPP	30.48610	76.27120	13:54:31	D	3.00
657	PATIALA	NABHA	S-NPP	30.51750	76.09970	13:54:31	D	2.50

658	PATIALA	NABHA	S-NPP	30.52510	76.12510	13:54:31	D	2.20
659	PATIALA	NABHA	S-NPP	30.54270	76.26110	13:54:31	D	4.70
660	PATIALA	NABHA	S-NPP	30.54900	76.28030	13:54:31	D	25.70
661	PATIALA	PATIALA	S-NPP	30.24240	76.18460	13:54:31	D	5.10
662	PATIALA	PATIALA	S-NPP	30.29990	76.31520	13:54:31	D	6.50
663	PATIALA	PATIALA	S-NPP	30.35660	76.49280	13:54:31	D	19.10
664	PATIALA	PATIALA	S-NPP	30.38980	76.37200	13:54:31	D	10.80
665	PATIALA	PATIALA	S-NPP	30.40560	76.44080	13:54:31	D	7.10
666	PATIALA	PATIALA	S-NPP	30.40610	76.44590	13:54:31	D	7.10
667	PATIALA	PATIALA	S-NPP	30.41250	76.46540	13:54:31	D	9.30
668	PATIALA	PATIALA	S-NPP	30.44050	76.44830	13:54:31	D	7.30
669	PATIALA	PATIALA	S-NPP	30.44270	76.45140	13:54:31	D	6.40
670	PATIALA	PATIALA	TERRA	30.24800	76.18300	11:34:05	D	25.20
671	PATIALA	PATIALA	TERRA	30.26200	76.18600	11:34:05	D	28.80
672	PATIALA	PATRAN	S-NPP	29.80530	76.11830	13:54:31	D	7.00
673	PATIALA	PATRAN	S-NPP	29.81300	76.10780	13:54:31	D	3.90
674	PATIALA	PATRAN	S-NPP	29.81970	76.13080	13:54:31	D	6.70
675	PATIALA	PATRAN	S-NPP	29.84620	76.13210	13:54:31	D	3.60
676	PATIALA	PATRAN	S-NPP	29.85380	76.07880	13:54:31	D	3.90
677	PATIALA	PATRAN	S-NPP	29.86020	76.18300	13:54:31	D	12.70
678	PATIALA	PATRAN	S-NPP	29.87050	76.23950	13:54:31	D	3.30
679	PATIALA	PATRAN	S-NPP	29.87230	76.16050	13:54:31	D	3.30
680	PATIALA	PATRAN	S-NPP	29.88110	76.21400	13:54:31	D	2.50
681	PATIALA	PATRAN	S-NPP	29.88140	76.03080	13:54:31	D	4.70
682	PATIALA	PATRAN	S-NPP	29.88580	76.16360	13:54:31	D	2.90
683	PATIALA	PATRAN	S-NPP	29.93260	76.14780	13:54:31	D	27.90
684	PATIALA	PATRAN	S-NPP	29.93980	76.00420	13:54:31	D	5.20
685	PATIALA	PATRAN	S-NPP	29.94030	76.00890	13:54:31	D	5.20
686	PATIALA	PATRAN	S-NPP	29.94420	76.08890	13:54:31	D	13.30
687	PATIALA	PATRAN	S-NPP	29.94470	76.09360	13:54:31	D	13.30
688	PATIALA	PATRAN	S-NPP	29.94510	76.09830	13:54:31	D	41.00
689	PATIALA	PATRAN	S-NPP	29.94760	76.20850	13:54:31	D	4.70
690	PATIALA	PATRAN	S-NPP	29.95230	76.08310	13:54:31	D	14.80

691	PATIALA	PATRAN	S-NPP	29.95280	76.08780	13:54:31	D	48.50
692	PATIALA	PATRAN	S-NPP	29.97340	76.03290	13:54:31	D	4.20
693	PATIALA	PATRAN	S-NPP	29.97450	76.02920	13:54:31	D	4.70
694	PATIALA	PATRAN	S-NPP	29.97700	76.15170	13:54:31	D	11.80
695	PATIALA	PATRAN	S-NPP	29.97780	76.15290	13:54:31	D	9.80
696	PATIALA	PATRAN	S-NPP	30.00440	76.15430	13:54:31	D	2.70
697	PATIALA	PATRAN	S-NPP	30.01840	76.11880	13:54:31	D	4.40
698	PATIALA	PATRAN	S-NPP	30.02760	76.07930	13:54:31	D	4.50
699	PATIALA	PATRAN	S-NPP	30.04200	76.13490	13:54:31	D	3.10
700	PATIALA	RAJPURA	S-NPP	30.55820	76.68220	13:54:31	D	5.80
701	PATIALA	RAJPURA	S-NPP	30.55980	76.68480	13:54:31	D	5.90
702	PATIALA	RAJPURA	S-NPP	30.56670	76.67590	13:54:31	D	1.90
703	PATIALA	RAJPURA	S-NPP	30.60530	76.78010	13:54:31	D	3.20
704	PATIALA	SAMANA	S-NPP	30.01110	76.17750	13:54:31	D	4.00
705	PATIALA	SAMANA	S-NPP	30.06330	76.12730	13:54:31	D	2.70
706	PATIALA	SAMANA	S-NPP	30.06920	76.22830	13:54:31	D	3.30
707	PATIALA	SAMANA	S-NPP	30.07790	76.22710	13:54:31	D	7.90
708	PATIALA	SAMANA	S-NPP	30.08900	76.20620	13:54:31	D	6.30
709	PATIALA	SAMANA	S-NPP	30.08980	76.20790	13:54:31	D	4.70
710	PATIALA	SAMANA	S-NPP	30.09540	76.22490	13:54:31	D	4.60
711	PATIALA	SAMANA	S-NPP	30.09600	76.22660	13:54:31	D	3.80
712	PATIALA	SAMANA	S-NPP	30.11230	76.12260	13:54:31	D	5.80
713	PATIALA	SAMANA	S-NPP	30.11280	76.12740	13:54:31	D	8.40
714	PATIALA	SAMANA	S-NPP	30.12720	76.18360	13:54:31	D	5.80
715	PATIALA	SAMANA	S-NPP	30.13480	76.26080	13:54:31	D	6.70
716	PATIALA	SAMANA	S-NPP	30.14210	76.24510	13:54:31	D	14.20
717	PATIALA	SAMANA	S-NPP	30.17610	76.18700	13:54:31	D	13.30
718	PATIALA	SAMANA	S-NPP	30.18810	76.08870	13:54:31	D	3.80
719	PATIALA	SAMANA	S-NPP	30.18900	76.08980	13:54:31	D	3.50
720	PATIALA	SAMANA	S-NPP	30.19260	76.17510	13:54:31	D	2.40
721	PATIALA	SAMANA	S-NPP	30.20090	76.12200	13:54:31	D	4.40
722	PATIALA	SAMANA	S-NPP	30.20150	76.26200	13:54:31	D	2.90
723	PATIALA	SAMANA	S-NPP	30.20450	76.06860	13:54:31	D	7.20

724	PATIALA	SAMANA	S-NPP	30.20540	76.21390	13:54:31	D	14.20
725	PATIALA	SAMANA	S-NPP	30.20580	76.21730	13:54:31	D	14.00
726	PATIALA	SAMANA	S-NPP	30.21100	76.13520	13:54:31	D	3.80
727	PATIALA	SAMANA	S-NPP	30.21250	76.10600	13:54:31	D	5.00
728	PATIALA	SAMANA	S-NPP	30.22070	76.14360	13:54:31	D	5.50
729	PATIALA	SAMANA	S-NPP	30.22870	76.22550	13:54:31	D	2.40
730	PATIALA	SAMANA	S-NPP	30.24090	76.17020	13:54:31	D	2.20
731	PATIALA	SAMANA	TERRA	30.21300	76.11100	11:34:05	D	21.30
732	PATIALA	SANAUR	S-NPP	30.12570	76.39570	13:54:31	D	3.40
733	PATIALA	SANAUR	S-NPP	30.16110	76.30170	13:54:31	D	9.30
734	PATIALA	SANAUR	S-NPP	30.16890	76.29080	13:54:31	D	5.90
735	PATIALA	SANAUR	S-NPP	30.17180	76.32010	13:54:31	D	2.40
736	PATIALA	SANAUR	S-NPP	30.18110	76.32390	13:54:31	D	12.10
737	PATIALA	SANAUR	S-NPP	30.18450	76.31350	13:54:31	D	3.60
738	PATIALA	SANAUR	S-NPP	30.20180	76.39600	13:54:31	D	7.50
739	PATIALA	SANAUR	S-NPP	30.20850	76.29220	13:54:31	D	3.00
740	PATIALA	SANAUR	S-NPP	30.21950	76.36040	13:54:31	D	10.50
741	PATIALA	SANAUR	S-NPP	30.22040	76.35870	13:54:31	D	14.10
742	PATIALA	SANAUR	S-NPP	30.22260	76.30030	13:54:31	D	8.40
743	PATIALA	SANAUR	S-NPP	30.22890	76.31940	13:54:31	D	10.30
744	PATIALA	SANAUR	S-NPP	30.26110	76.37500	13:54:31	D	2.70
745	PATIALA	SANAUR	S-NPP	30.26850	76.40420	13:54:31	D	2.60
746	PATIALA	SANAUR	S-NPP	30.27880	76.41800	13:54:31	D	5.40
747	PATIALA	SANAUR	S-NPP	30.34180	76.47940	13:54:31	D	5.60
748	PATIALA	SANAUR	S-NPP	30.34300	76.47570	13:54:31	D	8.20
749	PATIALA	SHAMBU KALAN	S-NPP	30.41610	76.54690	13:54:31	D	5.00
750	PATIALA	SHAMBU KALAN	S-NPP	30.42300	76.61850	13:54:31	D	10.30
751	PATIALA	SHAMBU KALAN	S-NPP	30.44520	76.49880	13:54:31	D	3.00
752	PATIALA	SHAMBU KALAN	S-NPP	30.44920	76.47100	13:54:31	D	14.30
753	PATIALA	SHAMBU KALAN	S-NPP	30.45130	76.46730	13:54:31	D	17.20
754	PATIALA	SHAMBU KALAN	S-NPP	30.45670	76.47690	13:54:31	D	4.20
755	PATIALA	SHAMBU KALAN	S-NPP	30.46100	76.52250	13:54:31	D	6.50
756	PATIALA	SHAMBU KALAN	S-NPP	30.48170	76.74460	13:54:31	D	3.50

757	PATIALA	SHAMBU KALAN	S-NPP	30.48780	76.51910	13:54:31	D	11.10
758	PATIALA	SHAMBU KALAN	AQUA	30.44900	76.48400	14:30:47	D	40.80
759	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.91210	76.36310	13:54:31	D	4.30
760	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.96230	76.43680	13:54:31	D	6.50
761	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.96860	76.43320	13:54:31	D	9.40
762	RUPNAGAR	MORINDA	S-NPP	30.79820	76.51850	13:54:31	D	2.40
763	RUPNAGAR	MORINDA	S-NPP	30.80620	76.46050	13:54:31	D	3.30
764	RUPNAGAR	MORINDA	S-NPP	30.83310	76.41070	13:54:31	D	3.60
765	RUPNAGAR	RUPNAGAR	S-NPP	30.93830	76.49410	13:54:31	D	4.90
766	SANGRUR	ANDANA	S-NPP	29.76000	75.88550	13:54:31	D	19.50
767	SANGRUR	ANDANA	S-NPP	29.77580	76.04180	13:54:31	D	4.20
768	SANGRUR	ANDANA	S-NPP	29.77900	75.86000	13:54:31	D	4.30
769	SANGRUR	ANDANA	S-NPP	29.78100	76.05050	13:54:31	D	18.00
770	SANGRUR	ANDANA	S-NPP	29.78940	75.91850	13:54:31	D	6.30
771	SANGRUR	ANDANA	S-NPP	29.78980	75.92310	13:54:31	D	6.30
772	SANGRUR	ANDANA	S-NPP	29.79030	75.92770	13:54:31	D	8.00
773	SANGRUR	ANDANA	S-NPP	29.79170	75.94140	13:54:31	D	3.70
774	SANGRUR	ANDANA	S-NPP	29.80150	76.08090	13:54:31	D	5.80
775	SANGRUR	ANDANA	S-NPP	29.80160	75.99610	13:54:31	D	5.80
776	SANGRUR	ANDANA	S-NPP	29.80580	76.08030	13:54:31	D	5.80
777	SANGRUR	ANDANA	S-NPP	29.81070	75.87410	13:54:31	D	6.10
778	SANGRUR	ANDANA	S-NPP	29.81400	76.03200	13:54:31	D	9.50
779	SANGRUR	ANDANA	S-NPP	29.82690	76.03030	13:54:31	D	8.40
780	SANGRUR	ANDANA	S-NPP	29.83460	75.97780	13:54:31	D	6.20
781	SANGRUR	ANDANA	S-NPP	29.83640	75.91240	13:54:31	D	5.90
782	SANGRUR	ANDANA	S-NPP	29.84060	75.91180	13:54:31	D	5.90
783	SANGRUR	ANDANA	S-NPP	29.86800	76.00620	13:54:31	D	2.80
784	SANGRUR	ANDANA	S-NPP	29.86990	76.04650	13:54:31	D	5.50
785	SANGRUR	BHAWANIGARH	S-NPP	30.14810	76.04120	13:54:31	D	2.20
786	SANGRUR	BHAWANIGARH	S-NPP	30.15380	75.96920	13:54:31	D	9.50
787	SANGRUR	BHAWANIGARH	S-NPP	30.15810	75.96870	13:54:31	D	9.50
788	SANGRUR	BHAWANIGARH	S-NPP	30.16010	76.03010	13:54:31	D	7.90
789	SANGRUR	BHAWANIGARH	S-NPP	30.17020	76.04310	13:54:31	D	5.80

790	SANGRUR	BHAWANIGARH	S-NPP	30.17070	76.04780	13:54:31	D	5.80
791	SANGRUR	BHAWANIGARH	S-NPP	30.17980	76.05140	13:54:31	D	18.80
792	SANGRUR	BHAWANIGARH	S-NPP	30.19220	75.98900	13:54:31	D	4.60
793	SANGRUR	BHAWANIGARH	S-NPP	30.19560	75.97910	13:54:31	D	2.30
794	SANGRUR	BHAWANIGARH	S-NPP	30.19760	75.95510	13:54:31	D	10.50
795	SANGRUR	BHAWANIGARH	S-NPP	30.20650	76.04430	13:54:31	D	5.00
796	SANGRUR	BHAWANIGARH	S-NPP	30.21710	76.01900	13:54:31	D	2.80
797	SANGRUR	BHAWANIGARH	S-NPP	30.22760	76.03680	13:54:31	D	5.60
798	SANGRUR	BHAWANIGARH	S-NPP	30.23050	76.06510	13:54:31	D	11.70
799	SANGRUR	BHAWANIGARH	S-NPP	30.23480	76.06460	13:54:31	D	4.10
800	SANGRUR	BHAWANIGARH	S-NPP	30.23970	75.98280	13:54:31	D	5.40
801	SANGRUR	BHAWANIGARH	S-NPP	30.24530	76.16960	13:54:31	D	5.90
802	SANGRUR	BHAWANIGARH	S-NPP	30.24780	76.10620	13:54:31	D	7.10
803	SANGRUR	BHAWANIGARH	S-NPP	30.25070	76.13490	13:54:31	D	9.50
804	SANGRUR	BHAWANIGARH	S-NPP	30.25310	76.07180	13:54:31	D	8.20
805	SANGRUR	BHAWANIGARH	S-NPP	30.25410	76.08130	13:54:31	D	4.20
806	SANGRUR	BHAWANIGARH	S-NPP	30.25740	76.07120	13:54:31	D	8.20
807	SANGRUR	BHAWANIGARH	S-NPP	30.26460	76.01280	13:54:31	D	4.40
808	SANGRUR	BHAWANIGARH	S-NPP	30.28420	76.01790	13:54:31	D	6.10
809	SANGRUR	BHAWANIGARH	S-NPP	30.28670	76.01470	13:54:31	D	3.60
810	SANGRUR	BHAWANIGARH	S-NPP	30.30590	76.15690	13:54:31	D	5.30
811	SANGRUR	BHAWANIGARH	S-NPP	30.30630	76.15500	13:54:31	D	7.10
812	SANGRUR	DHURI	S-NPP	30.31780	75.78720	13:54:31	D	8.60
813	SANGRUR	DHURI	S-NPP	30.32230	75.96040	13:54:31	D	2.80
814	SANGRUR	DHURI	S-NPP	30.34670	75.81590	13:54:31	D	5.10
815	SANGRUR	DHURI	S-NPP	30.35490	75.93710	13:54:31	D	7.50
816	SANGRUR	DHURI	S-NPP	30.36590	75.76780	13:54:31	D	2.30
817	SANGRUR	DHURI	S-NPP	30.39030	75.94200	13:54:31	D	7.40
818	SANGRUR	DHURI	S-NPP	30.39080	75.94670	13:54:31	D	7.40
819	SANGRUR	DHURI	S-NPP	30.39190	75.94290	13:54:31	D	12.90
820	SANGRUR	DHURI	S-NPP	30.40050	75.94170	13:54:31	D	6.10
821	SANGRUR	DHURI	S-NPP	30.40100	75.94640	13:54:31	D	6.10
822	SANGRUR	DHURI	S-NPP	30.40190	75.95580	13:54:31	D	4.30

823	SANGRUR	DHURI	S-NPP	30.40480	75.94120	13:54:31	D	6.10
824	SANGRUR	DIRBA	S-NPP	29.99520	75.97460	13:54:31	D	2.00
825	SANGRUR	DIRBA	S-NPP	30.03670	75.95500	13:54:31	D	6.90
826	SANGRUR	DIRBA	S-NPP	30.08360	75.92210	13:54:31	D	2.90
827	SANGRUR	DIRBA	S-NPP	30.08970	76.08550	13:54:31	D	5.90
828	SANGRUR	DIRBA	S-NPP	30.09120	76.08700	13:54:31	D	8.80
829	SANGRUR	DIRBA	S-NPP	30.09630	76.00520	13:54:31	D	2.60
830	SANGRUR	DIRBA	S-NPP	30.09730	75.97200	13:54:31	D	3.20
831	SANGRUR	DIRBA	S-NPP	30.12120	75.99250	13:54:31	D	3.80
832	SANGRUR	DIRBA	S-NPP	30.12550	75.99190	13:54:31	D	3.80
833	SANGRUR	DIRBA	S-NPP	30.13270	76.01940	13:54:31	D	2.60
834	SANGRUR	DIRBA	S-NPP	30.16180	75.92110	13:54:31	D	3.20
835	SANGRUR	LEHRA GAGA	S-NPP	29.81400	75.82320	13:54:31	D	5.80
836	SANGRUR	LEHRA GAGA	S-NPP	29.85090	75.84580	13:54:31	D	8.50
837	SANGRUR	LEHRA GAGA	S-NPP	29.85440	75.84790	13:54:31	D	41.20
838	SANGRUR	LEHRA GAGA	S-NPP	29.86580	75.83260	13:54:31	D	2.20
839	SANGRUR	LEHRA GAGA	S-NPP	29.87700	75.90040	13:54:31	D	6.00
840	SANGRUR	LEHRA GAGA	S-NPP	29.90170	75.84620	13:54:31	D	3.80
841	SANGRUR	LEHRA GAGA	S-NPP	29.96250	75.90870	13:54:31	D	7.20
842	SANGRUR	LEHRA GAGA	S-NPP	29.96440	75.90730	13:54:31	D	8.00
843	SANGRUR	LEHRA GAGA	S-NPP	30.00150	75.90820	13:54:31	D	2.10
844	SANGRUR	MALERKOTLA-1	S-NPP	30.38970	76.01000	13:54:31	D	14.10
845	SANGRUR	MALERKOTLA-1	S-NPP	30.39340	76.01320	13:54:31	D	14.00
846	SANGRUR	MALERKOTLA-1	S-NPP	30.39740	75.99940	13:54:31	D	4.30
847	SANGRUR	MALERKOTLA-1	S-NPP	30.40050	75.99780	13:54:31	D	5.80
848	SANGRUR	MALERKOTLA-1	S-NPP	30.41090	76.00240	13:54:31	D	13.00
849	SANGRUR	MALERKOTLA-1	S-NPP	30.43080	75.85260	13:54:31	D	4.90
850	SANGRUR	MALERKOTLA-1	S-NPP	30.43800	75.79540	13:54:31	D	4.60
851	SANGRUR	MALERKOTLA-1	S-NPP	30.44840	75.98310	13:54:31	D	3.90
852	SANGRUR	MALERKOTLA-1	S-NPP	30.46280	75.86720	13:54:31	D	7.20
853	SANGRUR	MALERKOTLA-1	S-NPP	30.56400	76.07120	13:54:31	D	7.20
854	SANGRUR	MALERKOTLA-2	S-NPP	30.48070	75.80530	13:54:31	D	6.30
855	SANGRUR	MALERKOTLA-2	S-NPP	30.51250	75.81990	13:54:31	D	9.30

856	SANGRUR	MALERKOTLA-2	S-NPP	30.52170	75.73920	13:54:31	D	6.70
857	SANGRUR	MALERKOTLA-2	S-NPP	30.54870	75.74950	13:54:31	D	2.40
858	SANGRUR	MALERKOTLA-2	S-NPP	30.58170	75.85780	13:54:31	D	8.00
859	SANGRUR	MALERKOTLA-2	S-NPP	30.58960	75.69880	13:54:31	D	6.00
860	SANGRUR	MALERKOTLA-2	S-NPP	30.59000	75.70340	13:54:31	D	6.20
861	SANGRUR	MALERKOTLA-2	S-NPP	30.59350	75.80440	13:54:31	D	3.90
862	SANGRUR	MALERKOTLA-2	S-NPP	30.59580	75.80540	13:54:31	D	3.60
863	SANGRUR	MALERKOTLA-2	S-NPP	30.59830	75.78630	13:54:31	D	4.40
864	SANGRUR	MALERKOTLA-2	S-NPP	30.62380	75.86790	13:54:31	D	7.20
865	SANGRUR	SANGRUR	S-NPP	30.16790	75.85480	13:54:31	D	10.40
866	SANGRUR	SANGRUR	S-NPP	30.16840	75.85940	13:54:31	D	10.40
867	SANGRUR	SANGRUR	S-NPP	30.17030	75.85550	13:54:31	D	11.70
868	SANGRUR	SANGRUR	S-NPP	30.17080	75.68950	13:54:31	D	3.60
869	SANGRUR	SANGRUR	S-NPP	30.18290	75.76580	13:54:31	D	3.00
870	SANGRUR	SANGRUR	S-NPP	30.18480	75.91440	13:54:31	D	10.70
871	SANGRUR	SANGRUR	S-NPP	30.19050	75.75550	13:54:31	D	6.20
872	SANGRUR	SANGRUR	S-NPP	30.20110	75.90290	13:54:31	D	3.00
873	SANGRUR	SANGRUR	S-NPP	30.20520	75.64840	13:54:31	D	7.60
874	SANGRUR	SANGRUR	S-NPP	30.20570	75.65290	13:54:31	D	7.60
875	SANGRUR	SANGRUR	S-NPP	30.22060	75.92380	13:54:31	D	29.10
876	SANGRUR	SANGRUR	S-NPP	30.23910	75.76750	13:54:31	D	2.40
877	SANGRUR	SANGRUR	S-NPP	30.27230	75.89610	13:54:31	D	2.90
878	SANGRUR	SANGRUR	S-NPP	30.27450	75.89790	13:54:31	D	3.20
879	SANGRUR	SANGRUR	S-NPP	30.28370	75.75010	13:54:31	D	6.90
880	SANGRUR	SANGRUR	S-NPP	30.28420	75.75460	13:54:31	D	6.90
881	SANGRUR	SHER PUR	S-NPP	30.35840	75.72160	13:54:31	D	13.50
882	SANGRUR	SHER PUR	S-NPP	30.36100	75.71760	13:54:31	D	12.80
883	SANGRUR	SHER PUR	S-NPP	30.47560	75.66670	13:54:31	D	3.20
884	SANGRUR	SHER PUR	S-NPP	30.48220	75.80360	13:54:31	D	6.60
885	SANGRUR	SHER PUR	S-NPP	30.50370	75.73220	13:54:31	D	4.10
886	SANGRUR	SHER PUR	S-NPP	30.51560	75.72140	13:54:31	D	5.70
887	SANGRUR	SUNAM	S-NPP	30.00780	75.75960	13:54:31	D	11.00
888	SANGRUR	SUNAM	S-NPP	30.01860	75.78100	13:54:31	D	26.70

889	SANGRUR	SUNAM	S-NPP	30.02370	75.70720	13:54:31	D	2.00
890	SANGRUR	SUNAM	S-NPP	30.02940	75.72020	13:54:31	D	1.80
891	SANGRUR	SUNAM	S-NPP	30.04330	75.85150	13:54:31	D	6.10
892	SANGRUR	SUNAM	S-NPP	30.04510	75.71020	13:54:31	D	4.80
893	SANGRUR	SUNAM	S-NPP	30.04540	75.70890	13:54:31	D	5.30
894	SANGRUR	SUNAM	S-NPP	30.06070	75.82270	13:54:31	D	3.40
895	SANGRUR	SUNAM	S-NPP	30.06170	75.82130	13:54:31	D	8.80
896	SANGRUR	SUNAM	S-NPP	30.06410	75.84410	13:54:31	D	3.60
897	SANGRUR	SUNAM	S-NPP	30.06500	75.82220	13:54:31	D	3.40
898	SANGRUR	SUNAM	S-NPP	30.06590	75.83130	13:54:31	D	4.50
899	SANGRUR	SUNAM	S-NPP	30.07260	75.81190	13:54:31	D	4.90
900	SANGRUR	SUNAM	S-NPP	30.07300	75.81650	13:54:31	D	4.90
901	SANGRUR	SUNAM	S-NPP	30.07370	75.73820	13:54:31	D	4.80
902	SANGRUR	SUNAM	S-NPP	30.07690	75.76990	13:54:31	D	3.20
903	SANGRUR	SUNAM	S-NPP	30.07730	75.81590	13:54:31	D	8.60
904	SANGRUR	SUNAM	S-NPP	30.07870	75.82960	13:54:31	D	3.20
905	SANGRUR	SUNAM	S-NPP	30.07990	75.71450	13:54:31	D	10.00
906	SANGRUR	SUNAM	S-NPP	30.08140	75.85700	13:54:31	D	9.10
907	SANGRUR	SUNAM	S-NPP	30.08500	75.72300	13:54:31	D	5.50
908	SANGRUR	SUNAM	S-NPP	30.09290	75.79990	13:54:31	D	2.80
909	SANGRUR	SUNAM	S-NPP	30.09490	75.73540	13:54:31	D	5.00
910	SANGRUR	SUNAM	S-NPP	30.09540	75.73990	13:54:31	D	5.00
911	SANGRUR	SUNAM	S-NPP	30.09670	75.83640	13:54:31	D	5.80
912	SANGRUR	SUNAM	S-NPP	30.09710	75.84100	13:54:31	D	5.80
913	SANGRUR	SUNAM	S-NPP	30.09960	75.73930	13:54:31	D	5.00
914	SANGRUR	SUNAM	S-NPP	30.10060	75.74840	13:54:31	D	7.30
915	SANGRUR	SUNAM	S-NPP	30.10280	75.85420	13:54:31	D	3.10
916	SANGRUR	SUNAM	S-NPP	30.10340	75.77550	13:54:31	D	9.20
917	SANGRUR	SUNAM	S-NPP	30.11700	75.86620	13:54:31	D	3.40
918	SANGRUR	SUNAM	S-NPP	30.11750	75.87080	13:54:31	D	5.80
919	SANGRUR	SUNAM	S-NPP	30.12560	75.82330	13:54:31	D	5.20
920	SANGRUR	SUNAM	S-NPP	30.14380	75.63410	13:54:31	D	6.60
921	SANGRUR	SUNAM	S-NPP	30.14420	75.63330	13:54:31	D	5.30

922	SANGRUR	SUNAM	S-NPP	30.14470	75.63770	13:54:31	D	7.50
923	SANGRUR	SUNAM	S-NPP	30.16720	75.78170	13:54:31	D	3.70
924	SAS NAGAR (MOHALI)	DERABASSI	S-NPP	30.47920	76.86570	13:54:31	D	3.30
925	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.60750	76.70520	13:54:31	D	6.40
926	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.61200	76.70470	13:54:31	D	6.40
927	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.62210	76.66640	13:54:31	D	3.70
928	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.64820	76.65260	13:54:31	D	4.50
929	SAS NAGAR (MOHALI)	KHARAR	S-NPP	30.70980	76.61570	13:54:31	D	8.00
930	SBS NAGAR	BANGA	S-NPP	31.19250	75.92300	13:54:31	D	14.30
931	SBS NAGAR	NAWAN SHAHR	S-NPP	31.04880	76.13250	13:54:31	D	5.20
932	SBS NAGAR	NAWAN SHAHR	S-NPP	31.04940	76.13070	13:54:31	D	6.20
933	SBS NAGAR	NAWAN SHAHR	S-NPP	31.06860	76.20010	13:54:31	D	7.90
934	TARN TARAN	BHIKHIWIND	S-NPP	31.24040	74.68740	13:54:31	D	2.30
935	TARN TARAN	BHIKHIWIND	S-NPP	31.25830	74.73940	13:54:31	D	5.00
936	TARN TARAN	BHIKHIWIND	S-NPP	31.25890	74.66800	13:54:31	D	17.00
937	TARN TARAN	BHIKHIWIND	S-NPP	31.25930	74.67210	13:54:31	D	17.00
938	TARN TARAN	BHIKHIWIND	S-NPP	31.26510	74.68800	13:54:31	D	4.30
939	TARN TARAN	BHIKHIWIND	S-NPP	31.26870	74.72100	13:54:31	D	3.40
940	TARN TARAN	BHIKHIWIND	S-NPP	31.27720	74.72400	13:54:31	D	3.30
941	TARN TARAN	BHIKHIWIND	S-NPP	31.28080	74.68160	13:54:31	D	3.20
942	TARN TARAN	BHIKHIWIND	S-NPP	31.28220	74.73180	13:54:31	D	3.60
943	TARN TARAN	BHIKHIWIND	S-NPP	31.28890	74.71810	13:54:31	D	13.70
944	TARN TARAN	BHIKHIWIND	S-NPP	31.28940	74.72230	13:54:31	D	52.90
945	TARN TARAN	BHIKHIWIND	S-NPP	31.29620	74.74660	13:54:31	D	4.10
946	TARN TARAN	BHIKHIWIND	S-NPP	31.29800	74.76330	13:54:31	D	4.10
947	TARN TARAN	BHIKHIWIND	S-NPP	31.29930	74.69990	13:54:31	D	2.20
948	TARN TARAN	BHIKHIWIND	S-NPP	31.30420	74.63230	13:54:31	D	7.40
949	TARN TARAN	BHIKHIWIND	S-NPP	31.30420	74.66980	13:54:31	D	3.20
950	TARN TARAN	BHIKHIWIND	S-NPP	31.30690	74.65690	13:54:31	D	4.60
951	TARN TARAN	BHIKHIWIND	S-NPP	31.31090	74.61880	13:54:31	D	24.70
952	TARN TARAN	BHIKHIWIND	S-NPP	31.31140	74.62290	13:54:31	D	24.70
953	TARN TARAN	BHIKHIWIND	S-NPP	31.31460	74.72710	13:54:31	D	3.30
954	TARN TARAN	BHIKHIWIND	S-NPP	31.32280	74.76390	13:54:31	D	8.50

955	TARN TARAN	BHIKHIWIND	S-NPP	31.32310	74.61710	13:54:31	D	7.00
956	TARN TARAN	BHIKHIWIND	S-NPP	31.32330	74.76810	13:54:31	D	9.70
957	TARN TARAN	BHIKHIWIND	S-NPP	31.32450	74.59200	13:54:31	D	13.40
958	TARN TARAN	BHIKHIWIND	S-NPP	31.32510	74.74670	13:54:31	D	3.20
959	TARN TARAN	BHIKHIWIND	S-NPP	31.32550	74.75090	13:54:31	D	4.90
960	TARN TARAN	BHIKHIWIND	S-NPP	31.32840	74.74640	13:54:31	D	7.00
961	TARN TARAN	BHIKHIWIND	S-NPP	31.32880	74.75060	13:54:31	D	8.40
962	TARN TARAN	BHIKHIWIND	S-NPP	31.32910	74.74610	13:54:31	D	3.70
963	TARN TARAN	BHIKHIWIND	S-NPP	31.32960	74.75030	13:54:31	D	6.00
964	TARN TARAN	BHIKHIWIND	S-NPP	31.33070	74.61190	13:54:31	D	3.90
965	TARN TARAN	BHIKHIWIND	S-NPP	31.33200	74.62420	13:54:31	D	3.50
966	TARN TARAN	BHIKHIWIND	S-NPP	31.33300	74.59490	13:54:31	D	2.00
967	TARN TARAN	BHIKHIWIND	S-NPP	31.33690	74.63180	13:54:31	D	21.60
968	TARN TARAN	BHIKHIWIND	S-NPP	31.33700	74.59430	13:54:31	D	20.40
969	TARN TARAN	BHIKHIWIND	S-NPP	31.34370	74.61830	13:54:31	D	46.80
970	TARN TARAN	BHIKHIWIND	S-NPP	31.34420	74.58500	13:54:31	D	34.90
971	TARN TARAN	BHIKHIWIND	S-NPP	31.34470	74.58910	13:54:31	D	2.70
972	TARN TARAN	BHIKHIWIND	S-NPP	31.34490	74.66830	13:54:31	D	8.60
973	TARN TARAN	BHIKHIWIND	S-NPP	31.34700	74.72690	13:54:31	D	3.80
974	TARN TARAN	BHIKHIWIND	S-NPP	31.34770	74.61770	13:54:31	D	13.10
975	TARN TARAN	BHIKHIWIND	S-NPP	31.36010	74.69550	13:54:31	D	9.30
976	TARN TARAN	BHIKHIWIND	S-NPP	31.36060	74.69960	13:54:31	D	9.30
977	TARN TARAN	BHIKHIWIND	S-NPP	31.36090	74.74180	13:54:31	D	4.50
978	TARN TARAN	BHIKHIWIND	S-NPP	31.36130	74.78410	13:54:31	D	6.60
979	TARN TARAN	BHIKHIWIND	S-NPP	31.36370	74.69080	13:54:31	D	3.80
980	TARN TARAN	BHIKHIWIND	S-NPP	31.36950	74.74480	13:54:31	D	2.10
981	TARN TARAN	BHIKHIWIND	S-NPP	31.37090	74.71920	13:54:31	D	1.60
982	TARN TARAN	BHIKHIWIND	S-NPP	31.37640	74.69320	13:54:31	D	2.00
983	TARN TARAN	BHIKHIWIND	S-NPP	31.37720	74.73940	13:54:31	D	4.40
984	TARN TARAN	BHIKHIWIND	S-NPP	31.37770	74.66770	13:54:31	D	6.50
985	TARN TARAN	BHIKHIWIND	S-NPP	31.38000	74.65070	13:54:31	D	8.70
986	TARN TARAN	BHIKHIWIND	TERRA	31.33900	74.73000	11:34:05	D	14.40
987	TARN TARAN	CHOHLA SAHIB	S-NPP	31.19970	74.96040	13:54:31	D	3.00

988	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23940	74.94190	13:54:31	D	8.30
989	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24330	75.05430	13:54:31	D	7.20
990	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24550	75.03650	13:54:31	D	8.30
991	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24740	74.99340	13:54:31	D	1.90
992	TARN TARAN	CHOHLA SAHIB	S-NPP	31.25360	74.93200	13:54:31	D	15.60
993	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26960	74.92540	13:54:31	D	7.30
994	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27190	74.90780	13:54:31	D	2.70
995	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28190	74.92360	13:54:31	D	13.60
996	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28230	74.96680	13:54:31	D	15.20
997	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28240	74.92790	13:54:31	D	4.10
998	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28270	74.97110	13:54:31	D	11.40
999	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28280	74.93210	13:54:31	D	4.10
1000	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28500	74.95340	13:54:31	D	7.60
1001	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28510	74.91450	13:54:31	D	4.30
1002	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28550	74.95770	13:54:31	D	7.60
1003	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28960	74.95710	13:54:31	D	7.60
1004	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29280	74.94800	13:54:31	D	5.50
1005	TARN TARAN	CHOHLA SAHIB	S-NPP	31.31790	75.06660	13:54:31	D	33.40
1006	TARN TARAN	CHOHLA SAHIB	S-NPP	31.31880	75.03580	13:54:31	D	5.30
1007	TARN TARAN	CHOHLA SAHIB	S-NPP	31.32200	75.14570	13:54:31	D	6.20
1008	TARN TARAN	CHOHLA SAHIB	S-NPP	31.32250	75.03090	13:54:31	D	2.60
1009	TARN TARAN	CHOHLA SAHIB	S-NPP	31.32530	75.05680	13:54:31	D	3.20
1010	TARN TARAN	CHOHLA SAHIB	S-NPP	31.33720	75.09030	13:54:31	D	12.10
1011	TARN TARAN	CHOHLA SAHIB	S-NPP	31.34230	75.05880	13:54:31	D	2.00
1012	TARN TARAN	CHOHLA SAHIB	S-NPP	31.34640	75.05820	13:54:31	D	4.20
1013	TARN TARAN	GANDIWIND TATLA	S-NPP	31.43230	74.71480	13:54:31	D	1.30
1014	TARN TARAN	GANDIWIND TATLA	S-NPP	31.43400	74.69330	13:54:31	D	1.60
1015	TARN TARAN	GANDIWIND TATLA	S-NPP	31.43770	74.72650	13:54:31	D	6.80
1016	TARN TARAN	GANDIWIND TATLA	S-NPP	31.43770	74.72670	13:54:31	D	13.80
1017	TARN TARAN	GANDIWIND TATLA	S-NPP	31.43820	74.73070	13:54:31	D	6.80
1018	TARN TARAN	GANDIWIND TATLA	S-NPP	31.44460	74.67500	13:54:31	D	2.70
1019	TARN TARAN	GANDIWIND TATLA	S-NPP	31.47970	74.73340	13:54:31	D	2.90
1020	TARN TARAN	GANDIWIND TATLA	S-NPP	31.48420	74.69890	13:54:31	D	4.80

1021	TARN TARAN	GANDIWIND TATLA	S-NPP	31.53400	74.77670	13:54:31	D	6.10
1022	TARN TARAN	KHADUR SAHIB	S-NPP	31.35300	75.15920	13:54:31	D	4.80
1023	TARN TARAN	KHADUR SAHIB	S-NPP	31.39680	75.16710	13:54:31	D	12.30
1024	TARN TARAN	KHADUR SAHIB	S-NPP	31.41540	75.14210	13:54:31	D	4.40
1025	TARN TARAN	KHADUR SAHIB	S-NPP	31.43940	75.17000	13:54:31	D	3.80
1026	TARN TARAN	KHADUR SAHIB	S-NPP	31.45610	75.16770	13:54:31	D	3.90
1027	TARN TARAN	KHADUR SAHIB	S-NPP	31.46030	75.16710	13:54:31	D	3.90
1028	TARN TARAN	KHADUR SAHIB	S-NPP	31.46490	75.17100	13:54:31	D	9.20
1029	TARN TARAN	KHADUR SAHIB	S-NPP	31.49040	75.15910	13:54:31	D	4.00
1030	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.31980	74.96580	13:54:31	D	6.50
1031	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.33720	75.01130	13:54:31	D	4.30
1032	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.34030	74.96300	13:54:31	D	2.00
1033	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.39640	74.92070	13:54:31	D	2.50
1034	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.40410	74.99360	13:54:31	D	3.70
1035	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.40820	74.99300	13:54:31	D	3.70
1036	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.33000	74.96000	14:30:47	D	48.90
1037	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.33900	74.96700	14:30:47	D	40.50
1038	TARN TARAN	PATTI	S-NPP	31.14650	74.77190	13:54:31	D	10.70
1039	TARN TARAN	PATTI	S-NPP	31.16200	74.91850	13:54:31	D	10.20
1040	TARN TARAN	PATTI	S-NPP	31.16400	74.82010	13:54:31	D	15.30
1041	TARN TARAN	PATTI	S-NPP	31.16420	74.74410	13:54:31	D	3.90
1042	TARN TARAN	PATTI	S-NPP	31.16460	74.74830	13:54:31	D	5.40
1043	TARN TARAN	PATTI	S-NPP	31.16500	74.79030	13:54:31	D	5.60
1044	TARN TARAN	PATTI	S-NPP	31.16540	74.79450	13:54:31	D	5.60
1045	TARN TARAN	PATTI	S-NPP	31.16940	74.83200	13:54:31	D	3.70
1046	TARN TARAN	PATTI	S-NPP	31.17040	74.76420	13:54:31	D	8.10
1047	TARN TARAN	PATTI	S-NPP	31.17080	74.84460	13:54:31	D	7.60
1048	TARN TARAN	PATTI	S-NPP	31.17090	74.73050	13:54:31	D	5.30
1049	TARN TARAN	PATTI	S-NPP	31.17090	74.76840	13:54:31	D	8.10
1050	TARN TARAN	PATTI	S-NPP	31.17120	74.84880	13:54:31	D	9.00
1051	TARN TARAN	PATTI	S-NPP	31.17390	74.87400	13:54:31	D	2.50
1052	TARN TARAN	PATTI	S-NPP	31.18980	74.79090	13:54:31	D	7.50
1053	TARN TARAN	PATTI	S-NPP	31.19030	74.79510	13:54:31	D	9.60

1054	TARN TARAN	PATTI	S-NPP	31.19210	74.85000	13:54:31	D	1.50
1055	TARN TARAN	PATTI	S-NPP	31.20560	74.74650	13:54:31	D	2.40
1056	TARN TARAN	PATTI	S-NPP	31.20570	74.86090	13:54:31	D	6.40
1057	TARN TARAN	PATTI	S-NPP	31.20740	74.76310	13:54:31	D	4.50
1058	TARN TARAN	PATTI	S-NPP	31.22210	74.89700	13:54:31	D	4.20
1059	TARN TARAN	PATTI	S-NPP	31.22250	74.90130	13:54:31	D	4.80
1060	TARN TARAN	PATTI	S-NPP	31.22430	74.84120	13:54:31	D	3.80
1061	TARN TARAN	PATTI	S-NPP	31.22870	74.80650	13:54:31	D	4.30
1062	TARN TARAN	PATTI	S-NPP	31.24700	74.86840	13:54:31	D	2.20
1063	TARN TARAN	PATTI	S-NPP	31.25080	74.82520	13:54:31	D	4.90
1064	TARN TARAN	PATTI	S-NPP	31.25240	74.88050	13:54:31	D	2.60
1065	TARN TARAN	PATTI	S-NPP	31.25630	74.79890	13:54:31	D	3.60
1066	TARN TARAN	PATTI	S-NPP	31.27670	74.75790	13:54:31	D	2.90
1067	TARN TARAN	PATTI	S-NPP	31.31020	74.91530	13:54:31	D	5.80
1068	TARN TARAN	PATTI	S-NPP	31.32290	74.87910	13:54:31	D	21.60
1069	TARN TARAN	PATTI	S-NPP	31.32520	74.90020	13:54:31	D	2.70
1070	TARN TARAN	PATTI	S-NPP	31.32600	74.79320	13:54:31	D	47.10
1071	TARN TARAN	PATTI	S-NPP	31.33520	74.83880	13:54:31	D	7.90
1072	TARN TARAN	TARN TARAN	S-NPP	31.39970	74.79570	13:54:31	D	6.00
1073	TARN TARAN	TARN TARAN	S-NPP	31.41470	74.81920	13:54:31	D	8.80
1074	TARN TARAN	TARN TARAN	S-NPP	31.42290	74.93430	13:54:31	D	7.90
1075	TARN TARAN	TARN TARAN	S-NPP	31.42430	74.90810	13:54:31	D	2.70
1076	TARN TARAN	TARN TARAN	S-NPP	31.44720	74.96570	13:54:31	D	11.80
1077	TARN TARAN	TARN TARAN	S-NPP	31.47290	74.90600	13:54:31	D	3.80
1078	TARN TARAN	VALTOHA	S-NPP	31.08660	74.70820	13:54:31	D	6.80
1079	TARN TARAN	VALTOHA	S-NPP	31.08820	74.57570	13:54:31	D	5.40
1080	TARN TARAN	VALTOHA	S-NPP	31.10180	74.58280	13:54:31	D	2.20
1081	TARN TARAN	VALTOHA	S-NPP	31.10300	74.56220	13:54:31	D	5.20
1082	TARN TARAN	VALTOHA	S-NPP	31.10360	74.56090	13:54:31	D	7.00
1083	TARN TARAN	VALTOHA	S-NPP	31.10730	74.70940	13:54:31	D	6.20
1084	TARN TARAN	VALTOHA	S-NPP	31.11470	74.58910	13:54:31	D	6.10
1085	TARN TARAN	VALTOHA	S-NPP	31.12630	74.73700	13:54:31	D	6.70
1086	TARN TARAN	VALTOHA	S-NPP	31.12760	74.59540	13:54:31	D	7.20

1087	TARN TARAN	VALTOHA	S-NPP	31.14940	74.68350	13:54:31	D	10.20
1088	TARN TARAN	VALTOHA	S-NPP	31.15510	74.73700	13:54:31	D	13.30
1089	TARN TARAN	VALTOHA	S-NPP	31.16070	74.63600	13:54:31	D	2.50
1090	TARN TARAN	VALTOHA	S-NPP	31.16690	74.65600	13:54:31	D	4.30
1091	TARN TARAN	VALTOHA	S-NPP	31.16840	74.52070	13:54:31	D	7.40
1092	TARN TARAN	VALTOHA	S-NPP	31.17050	74.61390	13:54:31	D	2.30
1093	TARN TARAN	VALTOHA	S-NPP	31.18490	74.63260	13:54:31	D	4.40
1094	TARN TARAN	VALTOHA	S-NPP	31.18710	74.69050	13:54:31	D	4.30
1095	TARN TARAN	VALTOHA	S-NPP	31.19160	74.69400	13:54:31	D	6.10
1096	TARN TARAN	VALTOHA	S-NPP	31.19450	74.53540	13:54:31	D	4.90
1097	TARN TARAN	VALTOHA	S-NPP	31.19740	74.63490	13:54:31	D	2.60
1098	TARN TARAN	VALTOHA	S-NPP	31.21380	74.59150	13:54:31	D	20.90
1099	TARN TARAN	VALTOHA	S-NPP	31.21580	74.64920	13:54:31	D	1.20
1100	TARN TARAN	VALTOHA	S-NPP	31.22670	74.59780	13:54:31	D	5.80
1101	TARN TARAN	VALTOHA	S-NPP	31.23040	74.70980	13:54:31	D	3.00
1102	TARN TARAN	VALTOHA	S-NPP	31.23560	74.64220	13:54:31	D	2.20
1103	TARN TARAN	VALTOHA	S-NPP	31.24150	74.58330	13:54:31	D	5.70
1104	TARN TARAN	VALTOHA	S-NPP	31.25500	74.55660	13:54:31	D	8.80
1105	TARN TARAN	VALTOHA	S-NPP	31.25540	74.56070	13:54:31	D	8.30
1106	TARN TARAN	VALTOHA	S-NPP	31.26470	74.60890	13:54:31	D	7.00
1107	TARN TARAN	VALTOHA	S-NPP	31.26930	74.53810	13:54:31	D	2.10
1108	TARN TARAN	VALTOHA	S-NPP	31.28090	74.53220	13:54:31	D	13.10
1109	TARN TARAN	VALTOHA	S-NPP	31.28400	74.56060	13:54:31	D	2.10
1110	TARN TARAN	VALTOHA	S-NPP	31.29380	74.53860	13:54:31	D	7.50
1111	TARN TARAN	VALTOHA	AQUA	31.15600	74.51900	14:30:47	D	54.80

Details of residue burning events in Haryana on 27-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBALA	AMBALA-II	S-NPP	30.21540	76.62320	13:54:31	D	3.00
2	AMBALA	AMBALA-II	S-NPP	30.25410	76.73830	13:54:31	D	5.40
3	AMBALA	AMBALA-II	S-NPP	30.25520	76.74020	13:54:31	D	7.20
4	AMBALA	AMBALA-II	S-NPP	30.26370	76.58810	13:54:31	D	2.80
5	AMBALA	BARARA	S-NPP	30.17500	77.01790	13:54:31	D	4.90
6	AMBALA	BARARA	S-NPP	30.27100	77.10240	13:54:31	D	4.60
7	AMBALA	SAHA	S-NPP	30.25140	76.94630	13:54:31	D	3.90
8	AMBALA	SHAHZADPUR	S-NPP	30.41110	76.97700	13:54:31	D	5.40
9	FATEHABAD	BHUNA	S-NPP	29.45990	75.66570	13:54:31	D	2.10
10	FATEHABAD	BHUNA	S-NPP	29.50800	75.75720	13:54:31	D	6.00
11	FATEHABAD	BHUNA	S-NPP	29.51160	75.75300	13:54:31	D	4.40
12	FATEHABAD	BHUNA	S-NPP	29.51180	75.75230	13:54:31	D	6.00
13	FATEHABAD	BHUNA	S-NPP	29.51200	75.75740	13:54:31	D	4.40
14	FATEHABAD	BHUNA	S-NPP	29.51710	75.64080	13:54:31	D	1.50
15	FATEHABAD	BHUNA	S-NPP	29.53470	75.68720	13:54:31	D	2.50
16	FATEHABAD	BHUNA	S-NPP	29.53990	75.82130	13:54:31	D	9.70
17	FATEHABAD	BHUNA	S-NPP	29.59500	75.81390	13:54:31	D	3.40
18	FATEHABAD	FATEHABAD	S-NPP	29.58310	75.54380	13:54:31	D	12.00
19	FATEHABAD	JAKHAL	S-NPP	29.74300	75.75980	13:54:31	D	10.80
20	FATEHABAD	RATIA	S-NPP	29.59930	75.56450	13:54:31	D	5.80
21	FATEHABAD	RATIA	S-NPP	29.60260	75.56750	13:54:31	D	5.00
22	FATEHABAD	TOHANA	S-NPP	29.56290	75.87740	13:54:31	D	3.90
23	FATEHABAD	TOHANA	S-NPP	29.60450	75.86270	13:54:31	D	2.70
24	FATEHABAD	TOHANA	S-NPP	29.60540	75.91300	13:54:31	D	3.10
25	FATEHABAD	TOHANA	S-NPP	29.60970	75.87110	13:54:31	D	3.40
26	FATEHABAD	TOHANA	S-NPP	29.61900	75.79710	13:54:31	D	2.20
27	FATEHABAD	TOHANA	S-NPP	29.62160	75.94310	13:54:31	D	6.90
28	FATEHABAD	TOHANA	S-NPP	29.63670	75.93320	13:54:31	D	4.20
29	FATEHABAD	TOHANA	S-NPP	29.63820	75.93630	13:54:31	D	3.20
30	FATEHABAD	TOHANA	S-NPP	29.65400	75.84820	13:54:31	D	4.30

31	FATEHABAD	TOHANA	S-NPP	29.66280	75.93440	13:54:31	D	6.70
32	FATEHABAD	TOHANA	S-NPP	29.66640	75.80100	13:54:31	D	4.30
33	FATEHABAD	TOHANA	S-NPP	29.76200	75.86220	13:54:31	D	5.00
34	FATEHABAD	TOHANA	S-NPP	29.76620	75.86170	13:54:31	D	5.00
35	HISAR	HANSI-I	S-NPP	29.19080	76.02700	13:54:31	D	2.50
36	HISAR	HANSI-II	S-NPP	29.20910	76.24380	13:54:31	D	4.50
37	JIND	ALEWA	S-NPP	29.46360	76.47570	13:54:31	D	3.90
38	JIND	NARWANA	S-NPP	29.50170	76.02290	13:54:31	D	2.40
39	JIND	NARWANA	S-NPP	29.67320	75.95150	13:54:31	D	24.90
40	JIND	NARWANA	S-NPP	29.67750	75.95090	13:54:31	D	24.90
41	JIND	NARWANA	S-NPP	29.69030	75.94920	13:54:31	D	3.50
42	JIND	NARWANA	S-NPP	29.75870	76.10430	13:54:31	D	3.20
43	JIND	UCHANA	S-NPP	29.44950	76.25430	13:54:31	D	4.40
44	KAITHAL	GUHLA	S-NPP	29.96890	76.24460	13:54:31	D	3.10
45	KAITHAL	GUHLA	S-NPP	30.01210	76.36180	13:54:31	D	5.10
46	KAITHAL	GUHLA	S-NPP	30.01590	76.36290	13:54:31	D	4.20
47	KAITHAL	GUHLA	S-NPP	30.03370	76.27190	13:54:31	D	4.80
48	KAITHAL	GUHLA	S-NPP	30.16930	76.43030	13:54:31	D	4.30
49	KAITHAL	GUHLA	S-NPP	30.16980	76.43520	13:54:31	D	18.00
50	KAITHAL	KAITHAL	S-NPP	29.74490	76.31270	13:54:31	D	4.30
51	KAITHAL	KAITHAL	S-NPP	29.79530	76.28330	13:54:31	D	5.30
52	KAITHAL	KALAYAT	S-NPP	29.66300	76.34080	13:54:31	D	5.80
53	KAITHAL	KALAYAT	S-NPP	29.74200	76.19700	13:54:31	D	5.90
54	KAITHAL	KALAYAT	S-NPP	29.74250	76.20180	13:54:31	D	5.90
55	KAITHAL	SIWAN	S-NPP	29.88610	76.26180	13:54:31	D	2.70
56	KAITHAL	SIWAN	S-NPP	29.89130	76.22720	13:54:31	D	16.50
57	KAITHAL	SIWAN	S-NPP	29.89190	76.22550	13:54:31	D	9.60
58	KAITHAL	SIWAN	S-NPP	29.89230	76.23030	13:54:31	D	9.10
59	KAITHAL	SIWAN	S-NPP	29.90300	76.24830	13:54:31	D	3.50
60	KAITHAL	SIWAN	S-NPP	29.90690	76.24290	13:54:31	D	5.30
61	KAITHAL	SIWAN	S-NPP	29.90740	76.20410	13:54:31	D	4.10
62	KAITHAL	SIWAN	S-NPP	29.92680	76.22090	13:54:31	D	3.70
63	KAITHAL	SIWAN	S-NPP	29.93300	76.28340	13:54:31	D	3.30

64	KAITHAL	SIWAN	S-NPP	29.95340	76.22230	13:54:31	D	8.00
65	KARNAL	GHARAUNDA	S-NPP	29.58490	77.08560	13:54:31	D	2.20
66	KURUKSHETRA	PEHOWA	S-NPP	30.03080	76.54490	13:54:31	D	3.90
67	KURUKSHETRA	PEHOWA	S-NPP	30.03350	76.54640	13:54:31	D	7.20
68	KURUKSHETRA	PEHOWA	S-NPP	30.07850	76.54580	13:54:31	D	4.80
69	KURUKSHETRA	SHAHBAD	S-NPP	30.08110	76.85730	13:54:31	D	5.00
70	KURUKSHETRA	THANESAR	S-NPP	29.87960	76.73430	13:54:31	D	9.50
71	PALWAL	HODAL	S-NPP	28.09570	77.35080	13:54:31	D	7.50
72	PALWAL	PRITHLA	S-NPP	28.20670	77.35530	13:54:31	D	10.90
73	SIRSA	NATHUSARI CHOPTA	S-NPP	29.50460	75.24590	13:54:31	D	3.80
74	SIRSA	NATHUSARI CHOPTA	S-NPP	29.50870	75.24530	13:54:31	D	2.90
75	SIRSA	ODHAN	S-NPP	29.83080	75.06450	13:54:31	D	3.30
76	SONIPAT	SONIPAT	S-NPP	28.95490	76.97190	13:54:31	D	2.70
77	YAMUNANAGAR	BILASPUR	S-NPP	30.28250	77.22360	13:54:31	D	10.70
78	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.25750	77.46650	13:54:31	D	3.00
79	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.28000	77.50450	13:54:31	D	3.10
80	YAMUNANAGAR	JAGADHRI	S-NPP	30.17550	77.36900	13:54:31	D	2.70
81	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.12700	77.10020	13:54:31	D	4.90
82	YAMUNANAGAR	RADAUR	S-NPP	30.00700	77.15060	13:54:31	D	3.00
83	YAMUNANAGAR	RADAUR	S-NPP	30.12750	77.10560	13:54:31	D	4.90

Details of residue burning events in Uttar Pradesh on 27-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	HARDOI	HARDOI	S-NPP	27.44040	79.95200	13:54:31	D	4.30
2	JHANSI	JHANSI	S-NPP	25.53020	78.54360	13:54:31	D	4.10
3	KAUSHAMBI	MANJHANPUR	S-NPP	25.40210	81.32410	13:54:31	D	4.70
4	KHERI	GOLA	S-NPP	28.21500	80.32250	13:54:31	D	1.70
5	KHERI	MOHMADI	S-NPP	27.95870	80.17230	13:54:31	D	2.20
6	MATHURA	MAT	S-NPP	27.86500	77.63770	13:54:31	D	1.60
7	PILHIBHIT	PURANPUR	S-NPP	28.42930	80.09600	13:54:31	D	1.50
8	PILHIBHIT	PURANPUR	S-NPP	28.64340	80.01280	12:14:57	D	9.00
9	RAMPUR	BILASPUR	S-NPP	28.80990	79.22090	13:54:31	D	1.10
10	RAMPUR	BILASPUR	S-NPP	28.90180	79.31820	13:54:31	D	5.40
11	RAMPUR	BILASPUR	S-NPP	28.90230	79.31710	13:54:31	D	6.80
12	RAMPUR	BILASPUR	S-NPP	28.92250	79.37270	13:54:31	D	3.30
13	SAMBHAL	SAMBHAL	S-NPP	28.66170	78.53330	13:54:31	D	12.00
14	SHAHJAHANPUR	PUWANYA	S-NPP	28.06340	80.11810	12:14:57	D	5.90
15	SHAHJAHANPUR	PUWANYA	S-NPP	28.19590	80.15270	13:54:31	D	4.30
16	SHAHJAHANPUR	PUWANYA	S-NPP	28.20270	80.10090	13:54:31	D	10.80
17	SHAHJAHANPUR	PUWANYA	S-NPP	28.26690	80.13710	13:54:31	D	5.30
18	SHAHJAHANPUR	PUWANYA	S-NPP	28.28220	80.09500	01:04:14	N	0.90
19	SHAHJAHANPUR	PUWANYA	S-NPP	28.31910	80.10460	13:54:31	D	3.10
20	SHAHJAHANPUR	PUWANYA	S-NPP	28.32020	80.10250	13:54:31	D	2.90
21	SHAHJAHANPUR	PUWANYA	S-NPP	28.35200	80.01020	01:04:14	N	0.60
22	SHAMLI	KAIRANA	S-NPP	29.54790	77.18760	13:54:31	D	7.10
23	SHARANPUR	NAKUR	S-NPP	30.00500	77.33500	13:54:31	D	4.30

Details of residue burning events in Rajasthan on 27-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARAN	CHHABRA	S-NPP	24.66690	76.82590	13:54:31	D	5.50
2	BARAN	CHHIPABAROD	S-NPP	24.63450	76.76540	13:54:31	D	2.60
3	BARAN	MANGROL	S-NPP	25.29880	76.52060	13:54:31	D	4.50
4	BARAN	MANGROL	S-NPP	25.36110	76.46570	13:54:31	D	5.80
5	BARAN	SHAHBAD	S-NPP	25.12250	77.00420	13:54:31	D	1.20
6	BUNDI	BUNDI	S-NPP	25.30910	75.69260	13:54:31	D	2.20
7	BUNDI	BUNDI	S-NPP	25.43520	75.71310	13:54:31	D	4.90
8	BUNDI	BUNDI	S-NPP	25.49280	75.81410	13:54:31	D	8.40
9	BUNDI	INDRAGARH	S-NPP	25.49630	76.13670	13:54:31	D	4.40
10	BUNDI	INDRAGARH	S-NPP	25.49780	76.13660	13:54:31	D	1.10
11	BUNDI	KESHORAIPATAN	S-NPP	25.36950	76.02890	13:54:31	D	6.40
12	BUNDI	KESHORAIPATAN	S-NPP	25.38120	75.98750	13:54:31	D	12.40
13	BUNDI	KESHORAIPATAN	S-NPP	25.42000	76.03810	13:54:31	D	4.90
14	BUNDI	KESHORAIPATAN	S-NPP	25.43540	76.02800	13:54:31	D	10.10
15	BUNDI	KESHORAIPATAN	S-NPP	25.46470	76.03200	13:54:31	D	1.90
16	HANUMANGARH	TIBI	S-NPP	29.41110	74.47650	13:54:31	D	9.60
17	KOTA	DIGOD	S-NPP	25.22470	76.05700	13:54:31	D	2.80
18	KOTA	DIGOD	S-NPP	25.23590	76.04750	13:54:31	D	1.50
19	KOTA	DIGOD	S-NPP	25.27600	76.04170	13:54:31	D	2.90
20	SWAIMADHOPUR	KHANDAR	S-NPP	25.89330	76.60230	13:54:31	D	3.00
21	SWAIMADHOPUR	KHANDAR	S-NPP	25.93800	76.57860	13:54:31	D	14.80

Details of residue burning events in Madhya Pradesh on 27-Oct-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.49690	77.76600	13:54:31	D	1.70
2	BHIND	LAHAR	S-NPP	26.00250	78.82240	13:54:31	D	6.40
3	BHIND	LAHAR	S-NPP	26.00430	78.81950	13:54:31	D	4.40
4	BHOPAL	HUZUR	S-NPP	23.21940	77.18430	13:54:31	D	2.30
5	BHOPAL	HUZUR	S-NPP	23.22640	77.28350	13:54:31	D	3.30
6	CHHINDWARA	AMARWARA	S-NPP	22.34040	79.23590	13:54:31	D	1.60
7	DATIA	SEONDHA	S-NPP	25.89540	78.52780	13:54:31	D	6.00
8	DATIA	SEONDHA	S-NPP	25.95150	78.55610	13:54:31	D	5.50
9	DATIA	SEONDHA	S-NPP	25.95570	78.55860	13:54:31	D	8.70
10	DATIA	SEONDHA	S-NPP	25.95630	78.55550	13:54:31	D	7.50
11	GUNA	GUNA	S-NPP	24.75220	77.43800	13:54:31	D	3.20
12	GUNA	GUNA	S-NPP	24.76980	77.51690	13:54:31	D	3.00
13	GUNA	GUNA	S-NPP	24.77210	77.49740	13:54:31	D	4.60
14	GUNA	GUNA	S-NPP	24.85850	77.51790	13:54:31	D	2.00
15	GUNA	GUNA	S-NPP	24.90930	77.12490	13:54:31	D	4.40
16	GUNA	GUNA	S-NPP	24.91370	77.12430	13:54:31	D	4.40
17	GUNA	GUNA	S-NPP	24.91430	77.21100	13:54:31	D	7.50
18	HARDA	TIMURNI	S-NPP	22.37590	77.28240	13:54:31	D	2.70
19	HOSHANGABAD	HOSHANGABAD	S-NPP	22.66610	77.64120	13:54:31	D	2.30
20	HOSHANGABAD	ITARSI	S-NPP	22.52700	77.63080	13:54:31	D	6.00
21	HOSHANGABAD	ITARSI	S-NPP	22.54330	77.61980	13:54:31	D	1.50
22	JABALPUR	PATAN	S-NPP	23.27170	79.76000	13:54:31	D	10.10
23	JABALPUR	PATAN	S-NPP	23.27670	79.75940	13:54:31	D	7.20
24	JABALPUR	PATAN	S-NPP	23.31000	79.78730	13:54:31	D	5.70
25	NARSHIMAPURA	GOTECAON	S-NPP	22.88830	79.52160	13:54:31	D	11.40
26	NARSHIMAPURA	GOTECAON	S-NPP	22.88950	79.51890	13:54:31	D	11.20
27	SAGAR	REHLI	S-NPP	23.57270	79.11560	13:54:31	D	3.30
28	SEHORE	BUDHNI	S-NPP	22.78870	77.45720	13:54:31	D	2.10
29	SEHORE	NASRULLAHGANJ	S-NPP	22.72140	77.38610	13:54:31	D	3.20

30	SEONI	GHANSAUR	S-NPP	22.70480	80.14680	13:54:31	D	6.00
31	SHEOPUR	KARAHAL	S-NPP	25.52290	76.76550	13:54:31	D	10.70
32	SHEOPUR	SHEOPUR	S-NPP	25.52790	76.54250	13:54:31	D	5.20
33	SHEOPUR	SHEOPUR	S-NPP	25.58770	76.58240	13:54:31	D	3.30
34	SHEOPUR	SHEOPUR	S-NPP	25.70480	76.67400	13:54:31	D	3.80
35	SHIVPURI	KOLARAS	S-NPP	24.90470	77.65290	13:54:31	D	4.60
36	SHIVPURI	NARWAR	S-NPP	25.57810	78.02390	13:54:31	D	3.30
37	VIDESHA	VIDESHA	S-NPP	23.56360	77.67520	13:54:31	D	4.70
38	WEST NIMAR	KASRAWAD	S-NPP	22.07560	75.51090	13:54:31	D	4.90

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>)
