

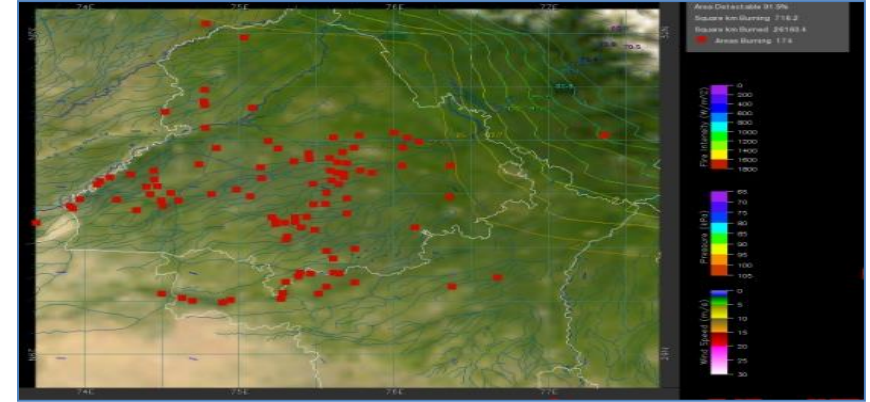
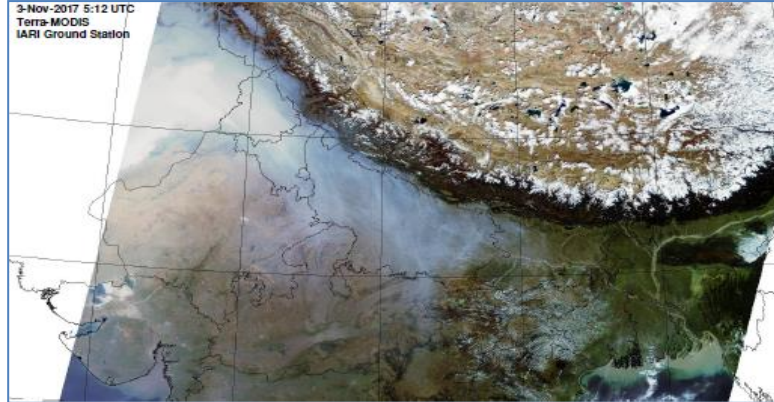


MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2024

Bulletin
No. 48

Events Date:
01-Nov-2024

Issued on:
01-Nov-2024



Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS)
Laboratory,

Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012

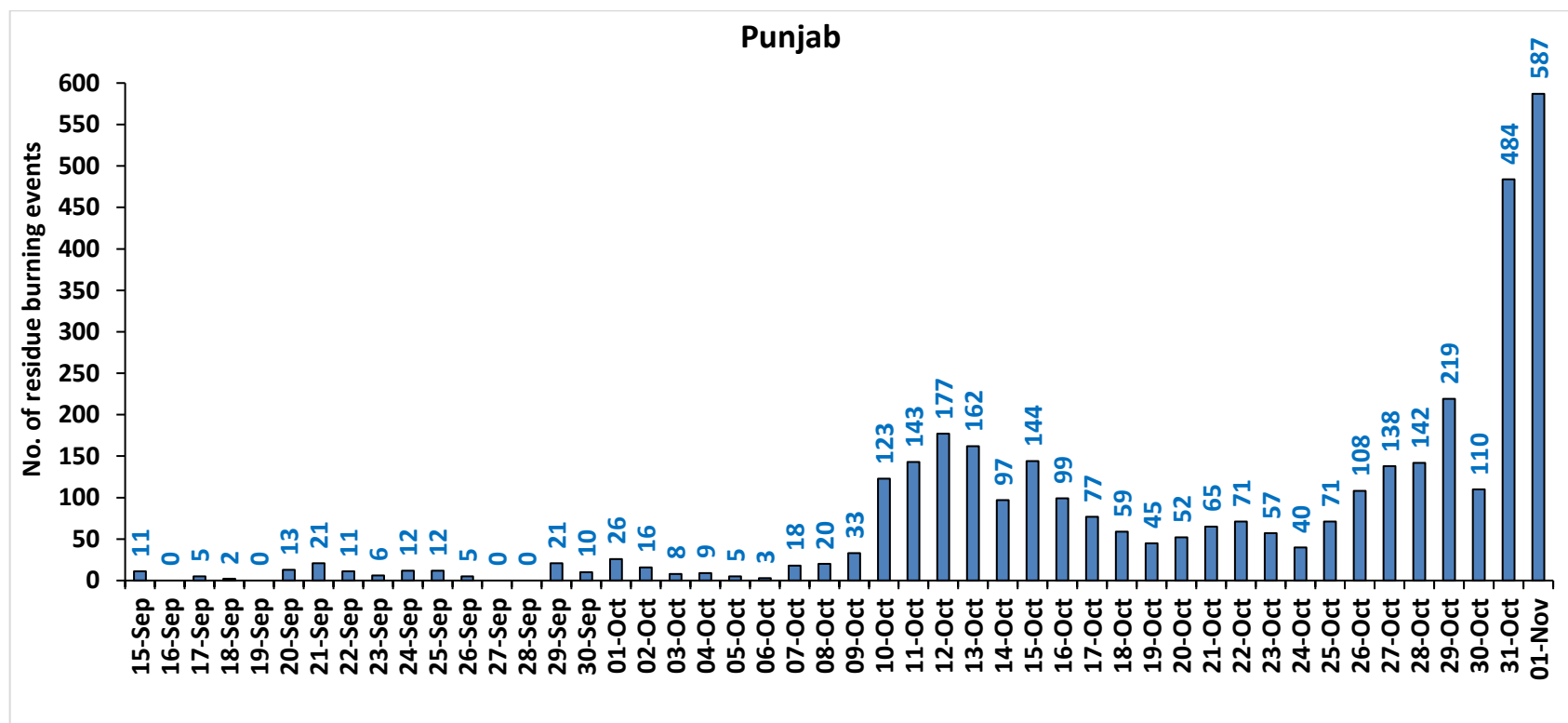
<https://creams.iari.res.in>

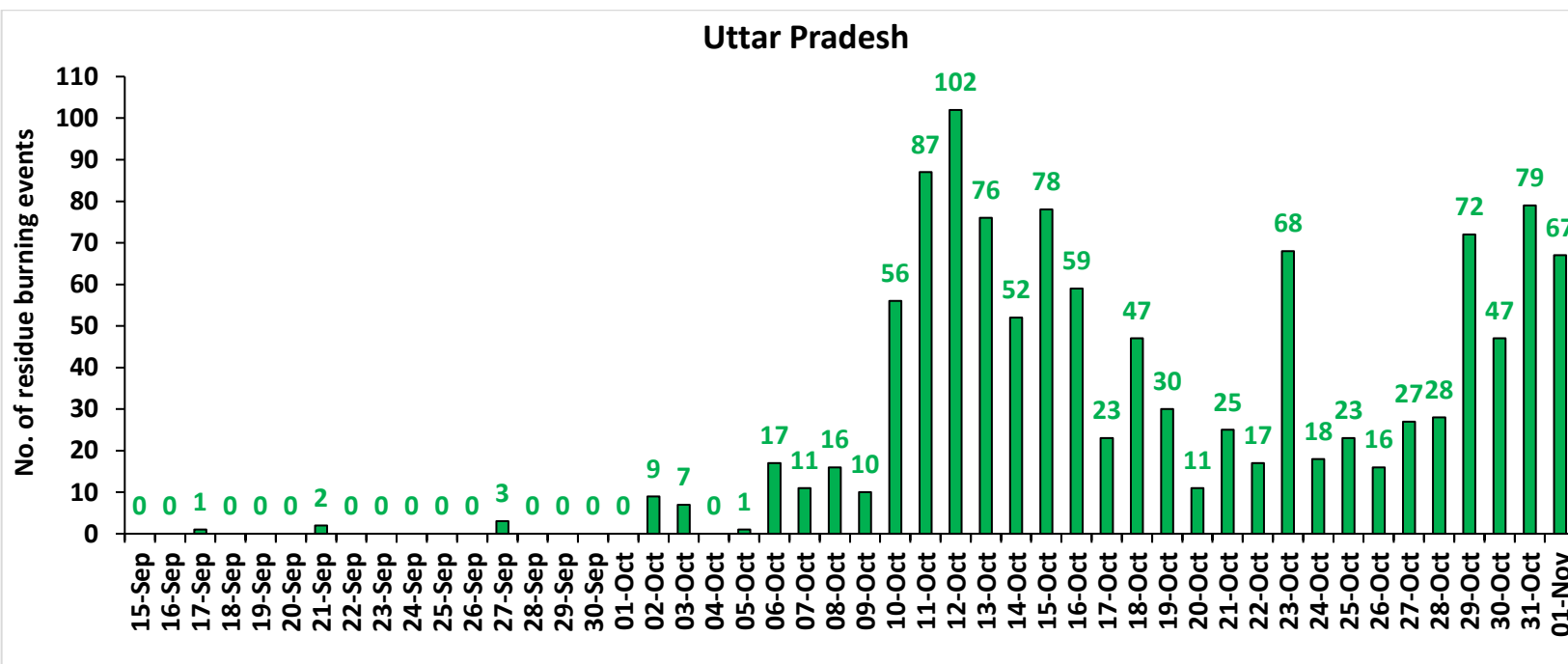
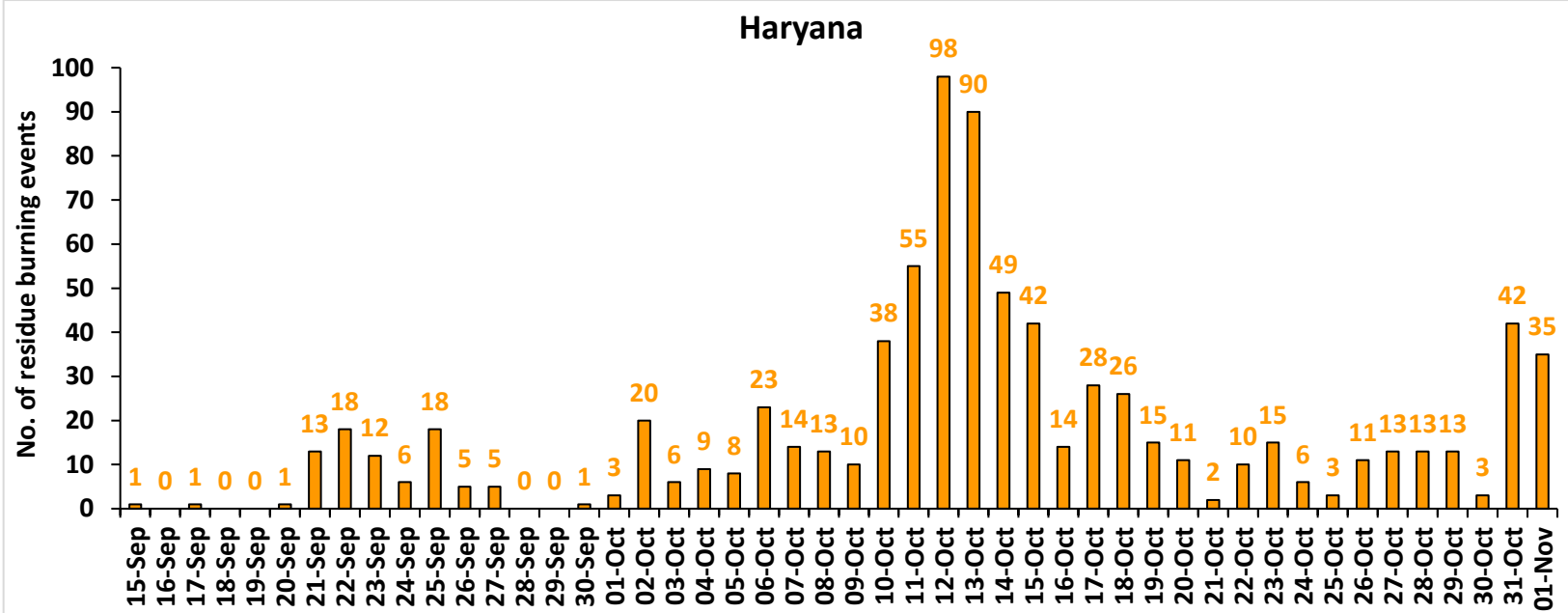


Highlights for 01-Nov-2024

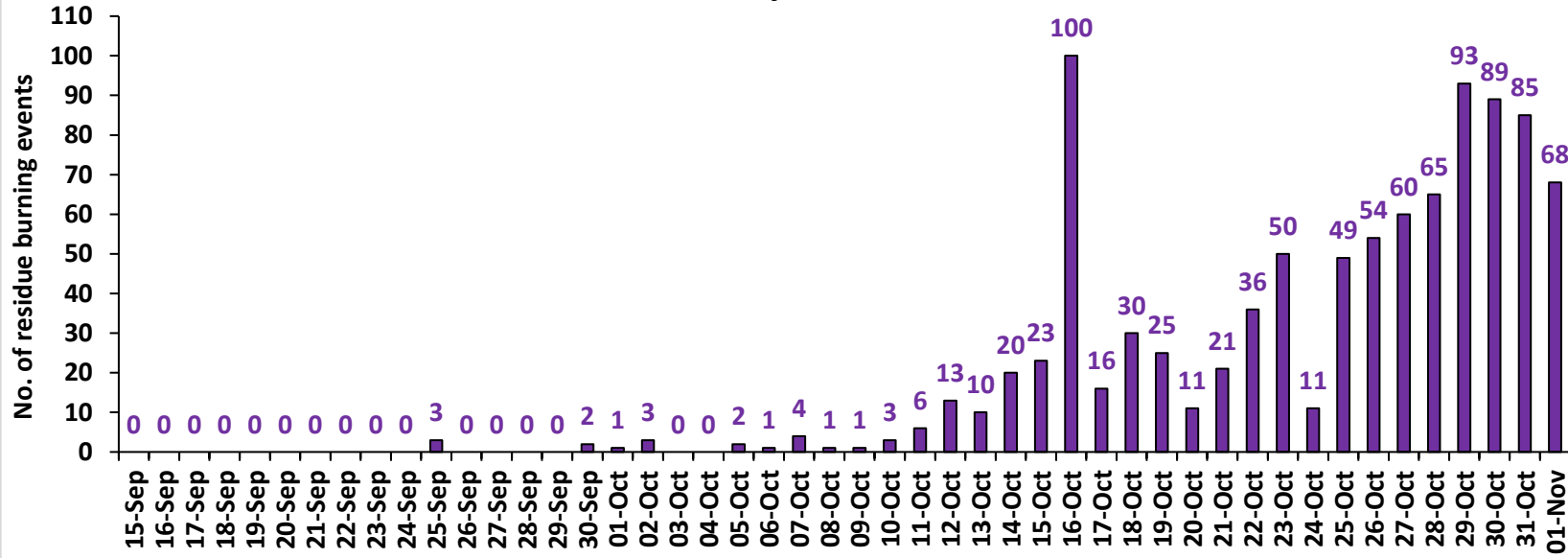
- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol " recommended by CAQM.
- Satellites detected **983** residue burning events in the six study States on **01-Nov-2024**.
- The state wise events detected on **01-Nov-2024** were **587** in Punjab, **35** in Haryana, **67** in UP, **00** in Delhi, **68** in Rajasthan and **226** in MP.
- Total **8515** burning events were detected in the six states between **15-Sept-2024** and **01-Nov-2024**, which are distributed as **3537**, **819**, **1185**, **12**, **956** and **2006** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

Temporal distribution of rice residue burning events for the study States in 2024

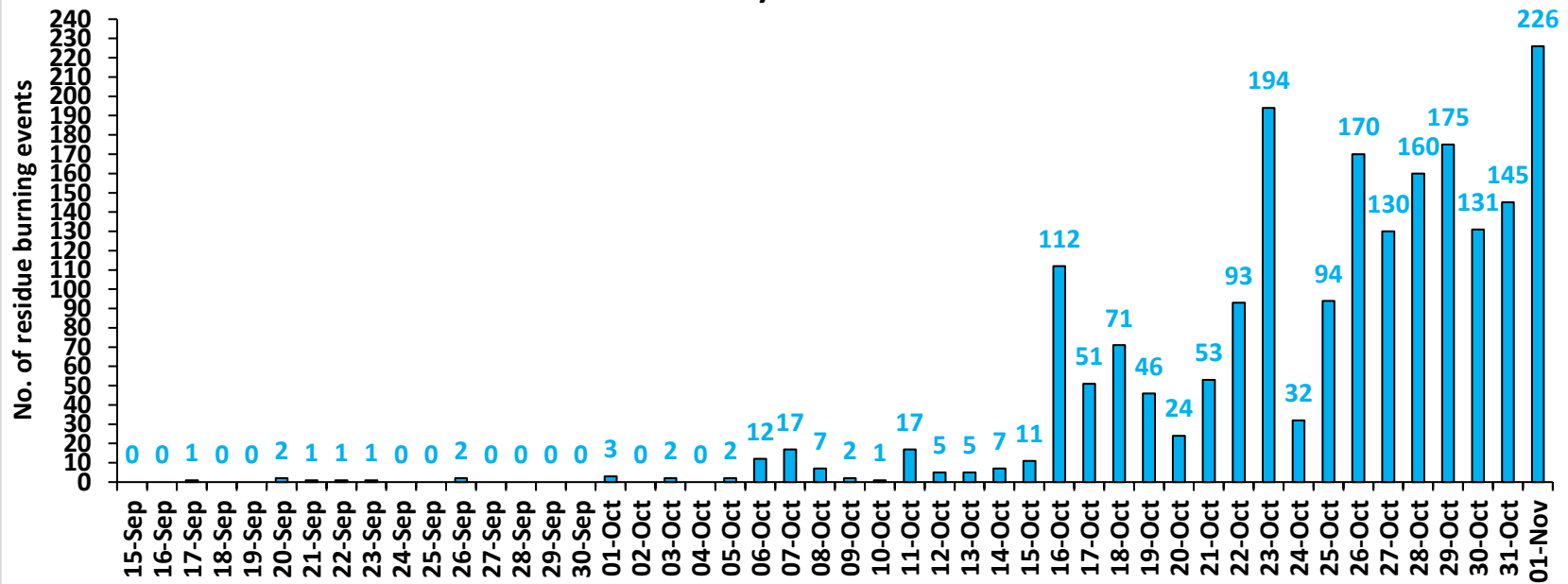




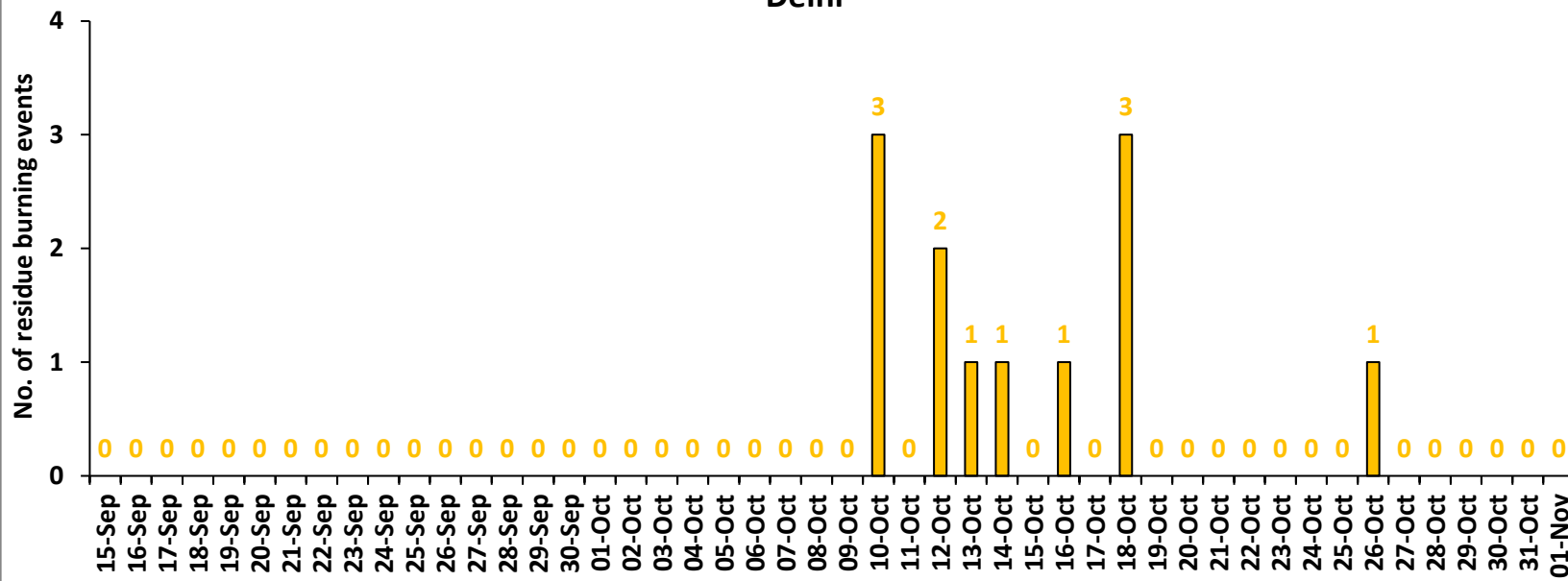
Rajasthan



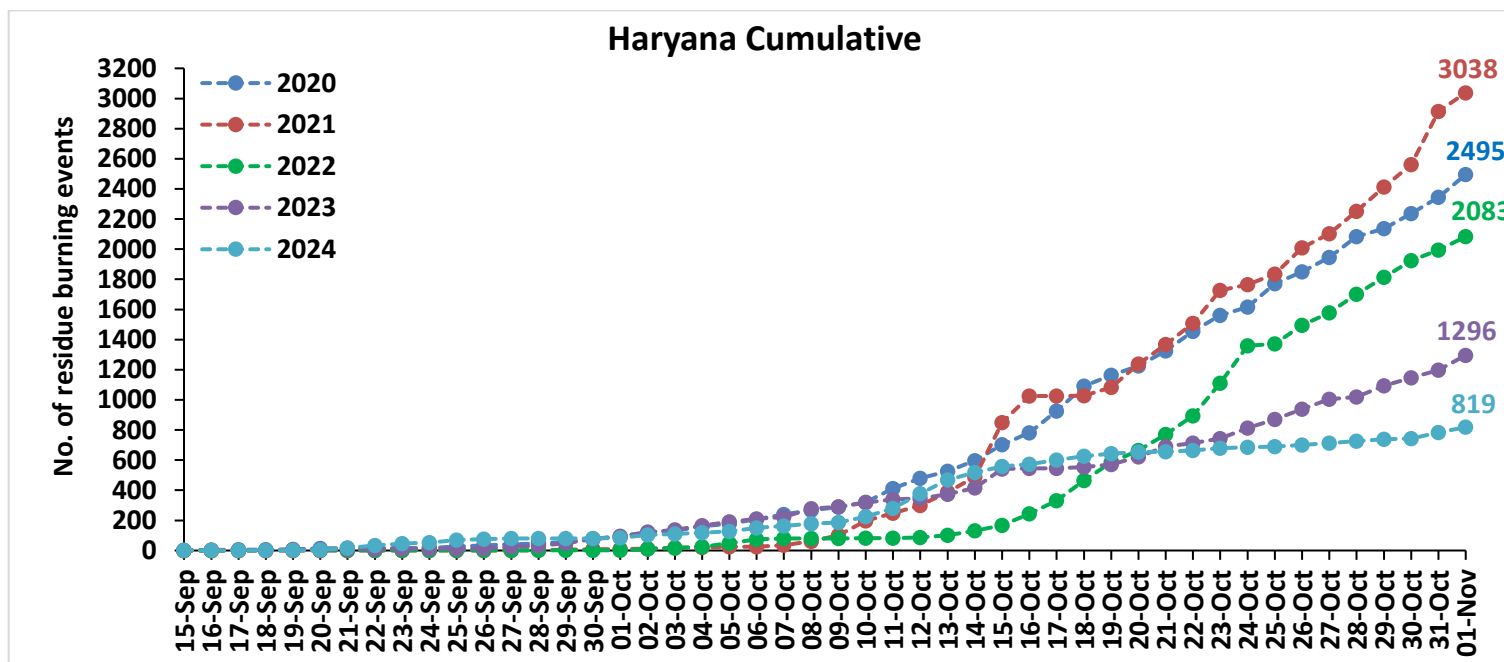
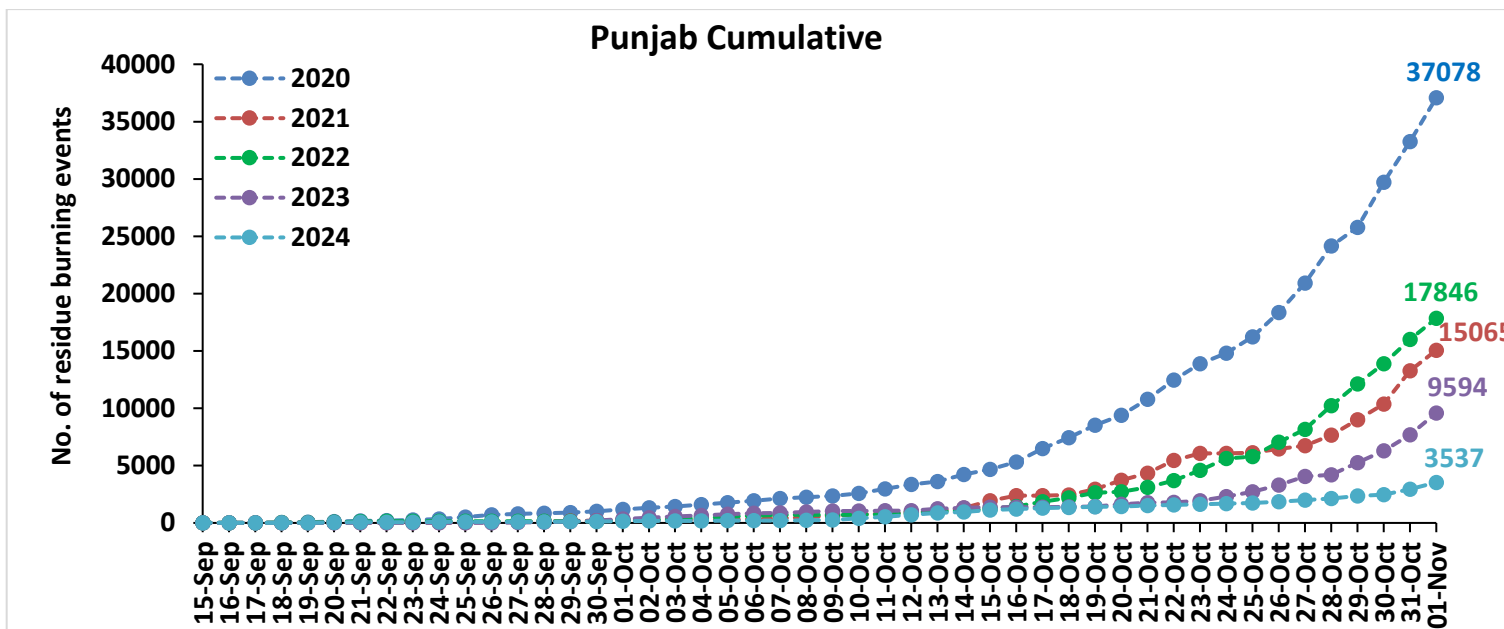
Madhya Pradesh

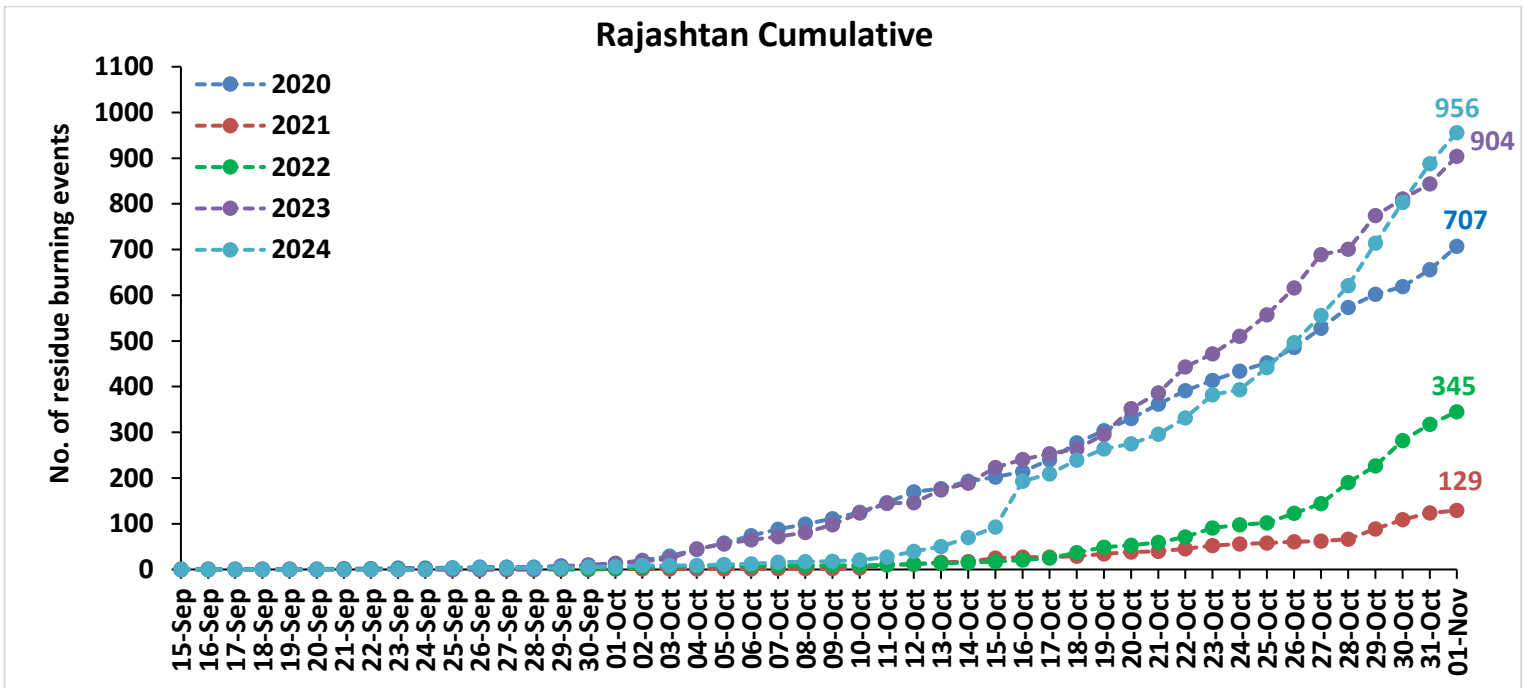
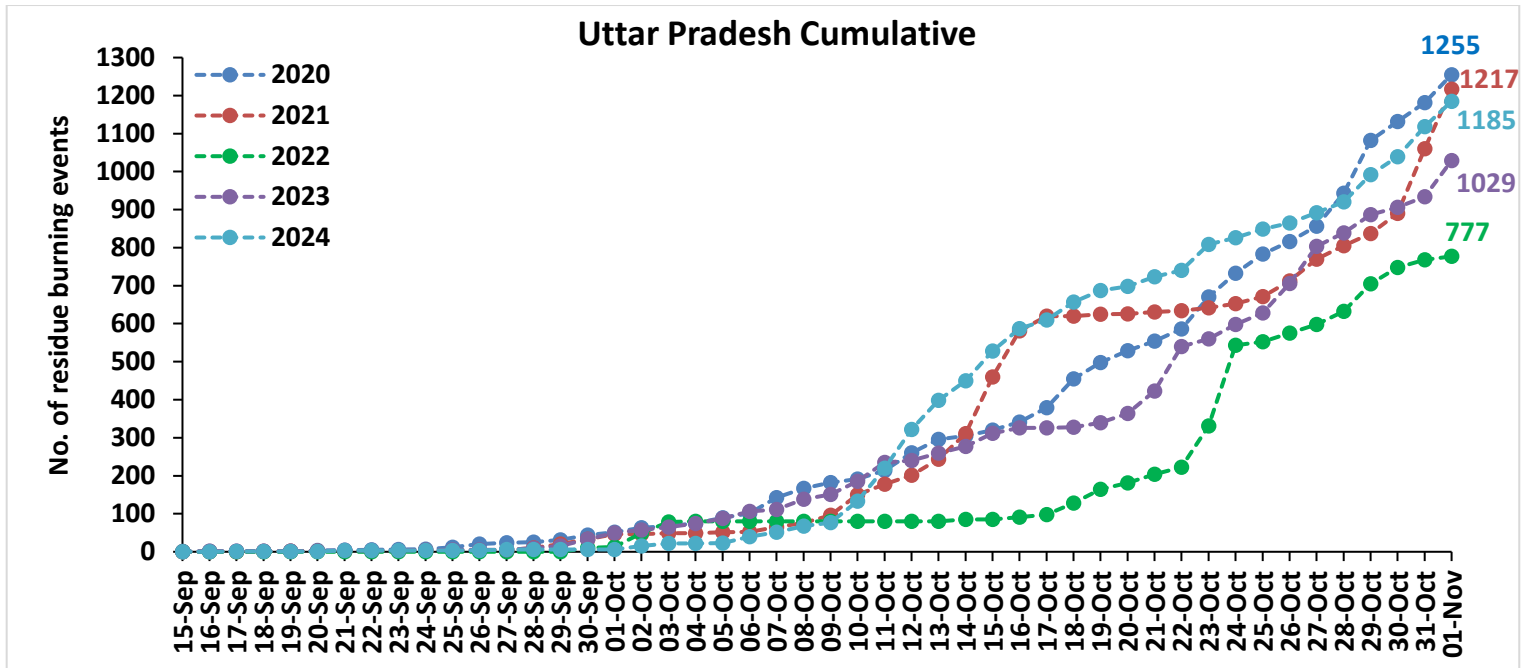


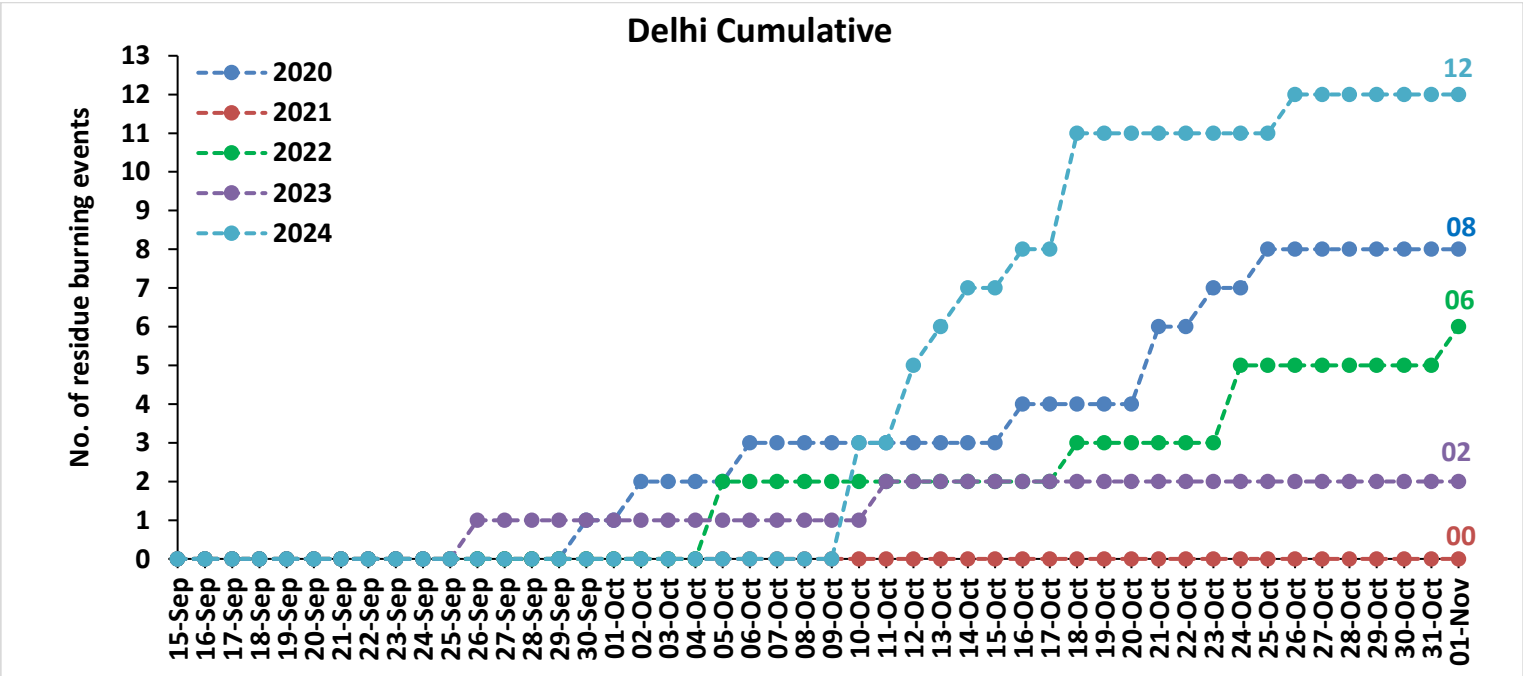
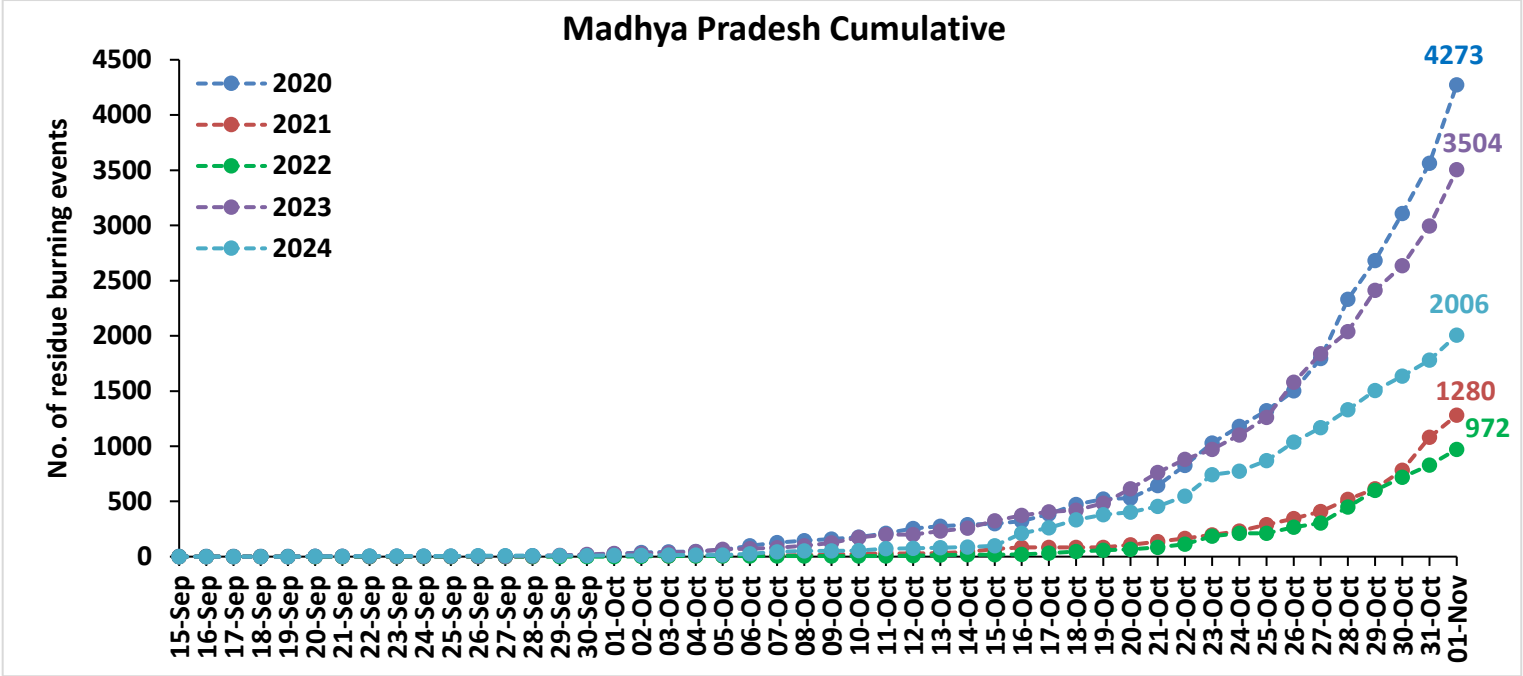
Delhi



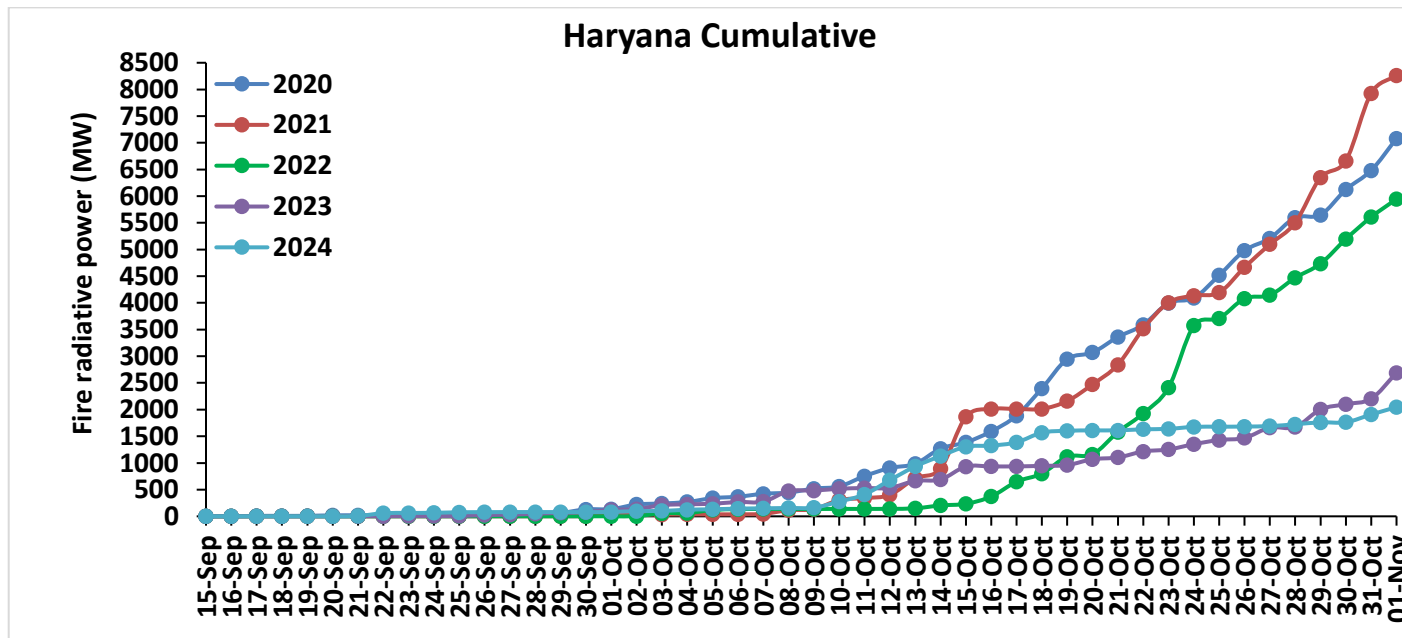
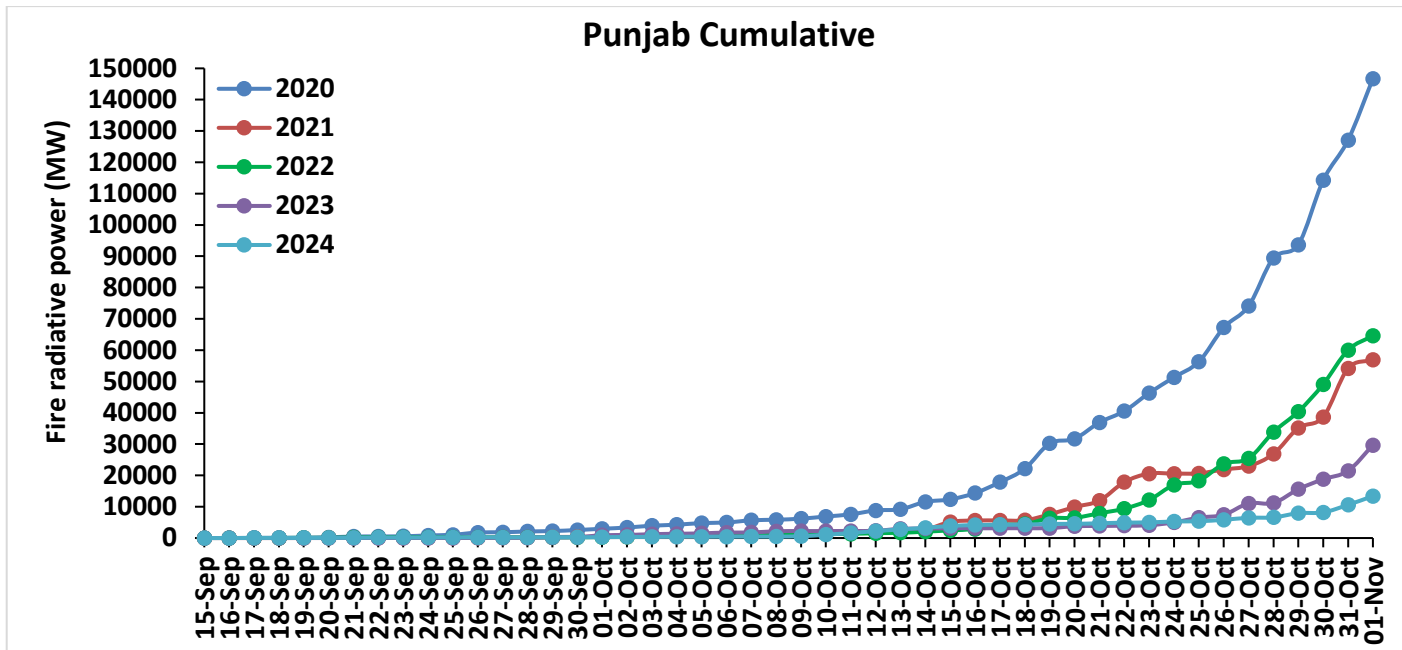
Comparison of residue burning events in current year (2024) with previous years (2020, 2021, 2022 and 2023) for the study States



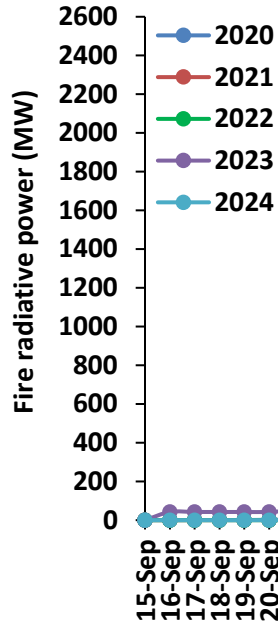




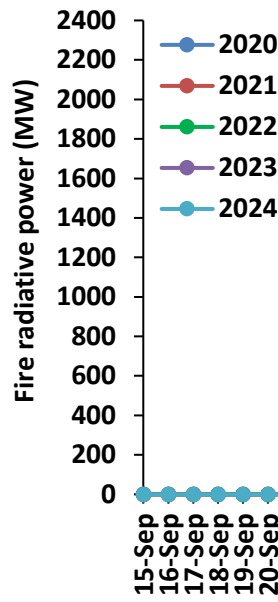
Comparison of residue burning fire power in current year (2024) with previous years (2020,2021,2022 and 2023) for the study States



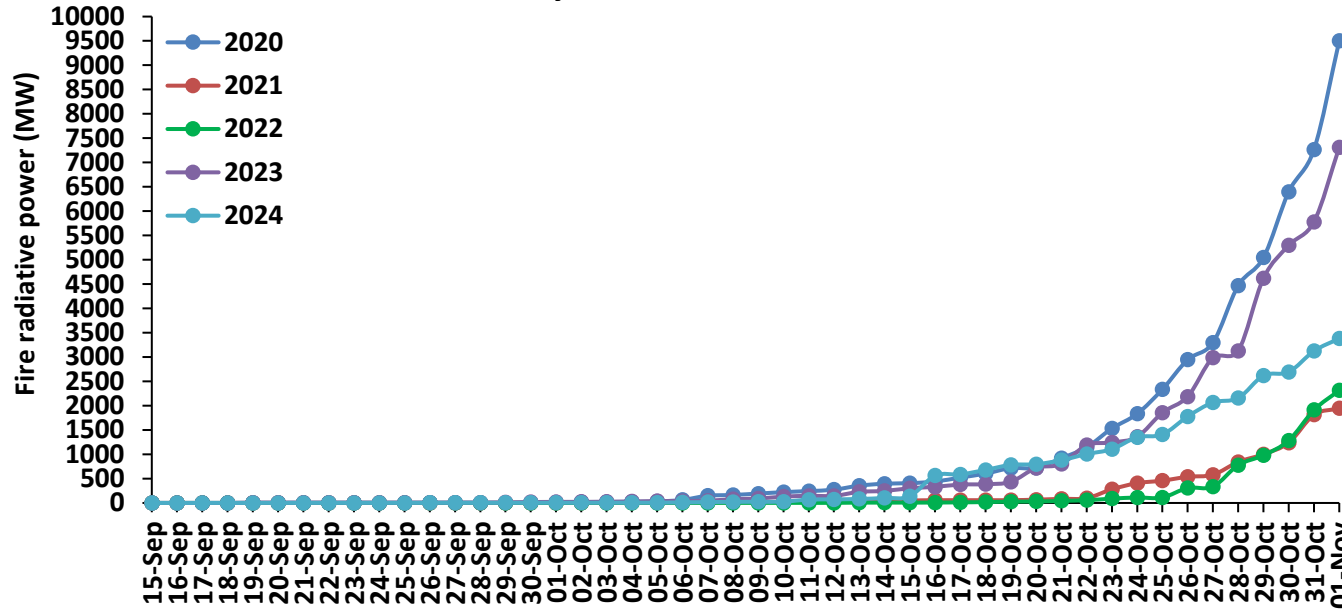
Uttar Pradesh Cumulative



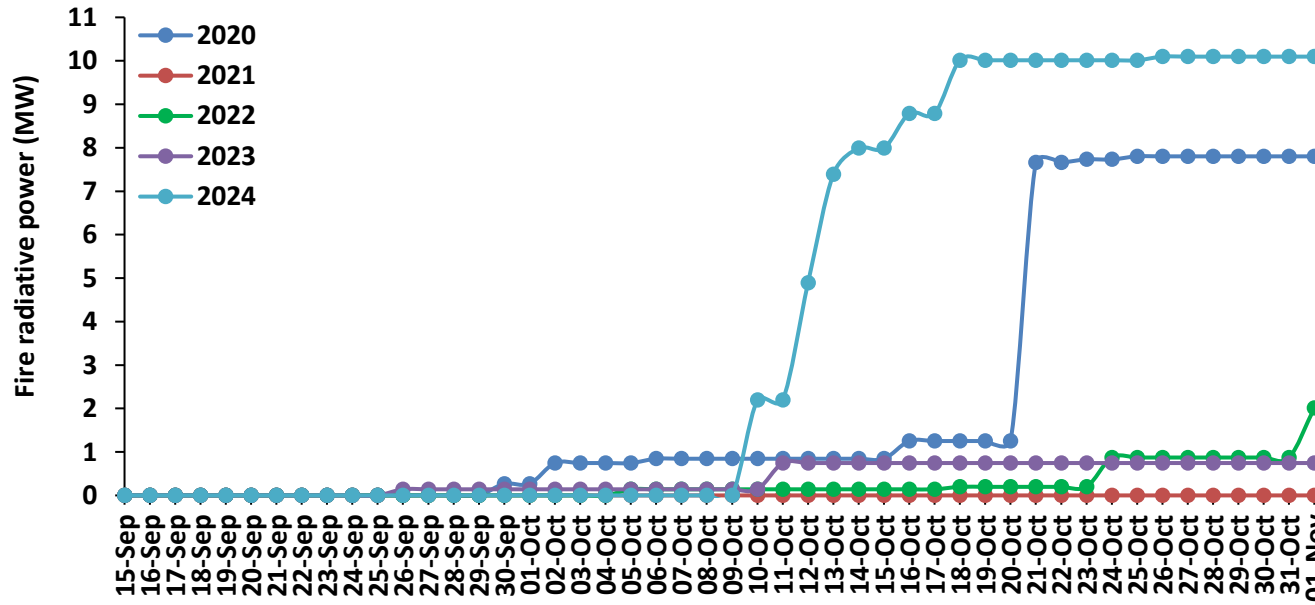
Rajasthan Cumulative



Madhya Pradesh Cumulative

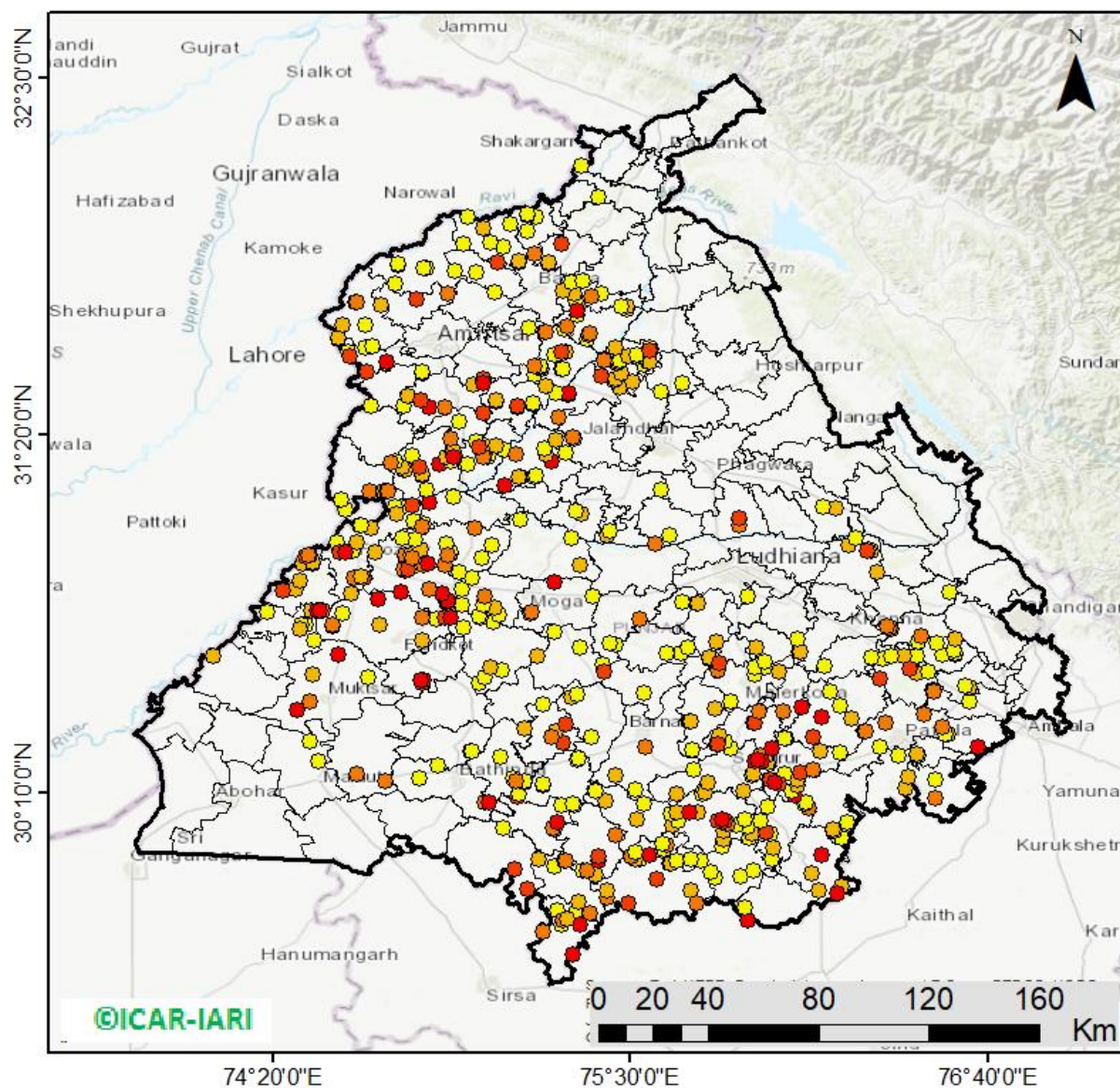


Delhi Cumulative



Punjab

RICE RESIDUE BURNING IN PUNJAB



587 burning events
detected in Punjab during
(01st Nov 2024)

Fire Intensity (W/m²)

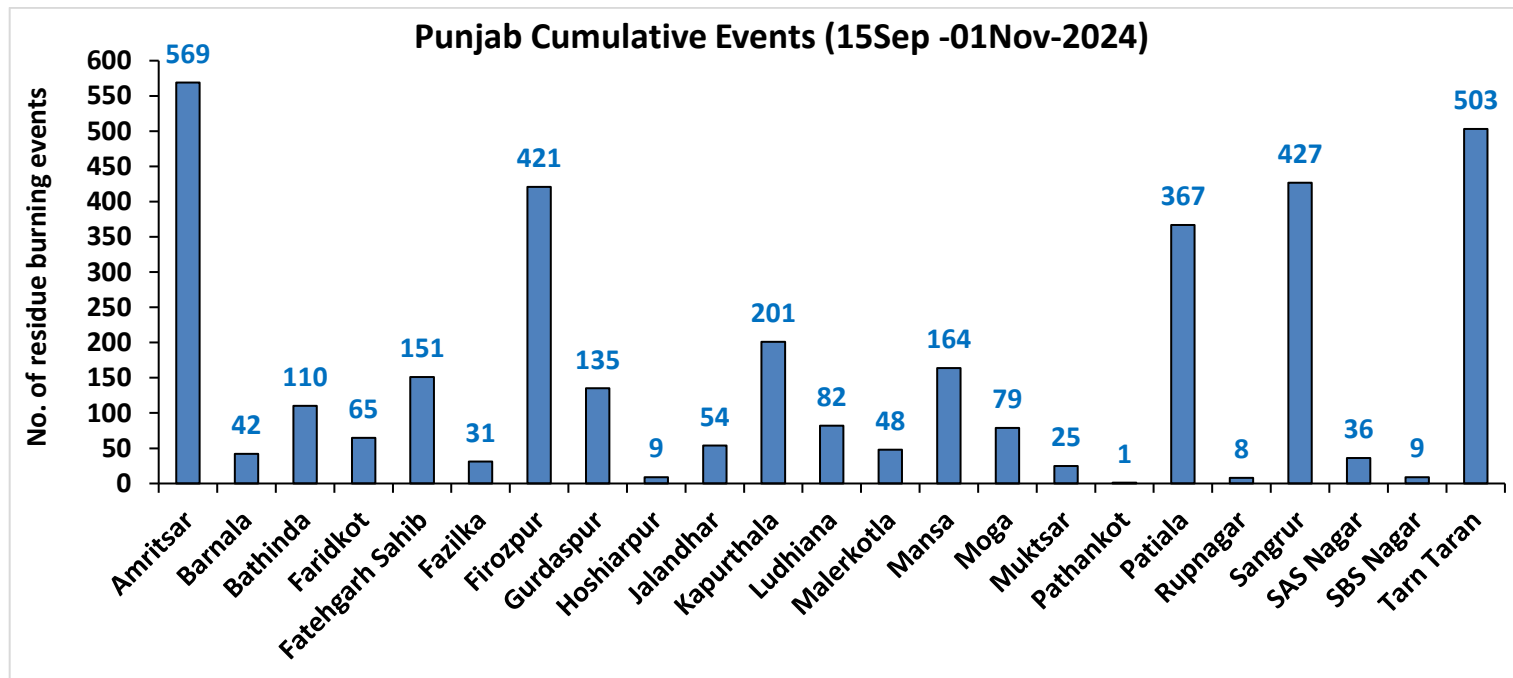
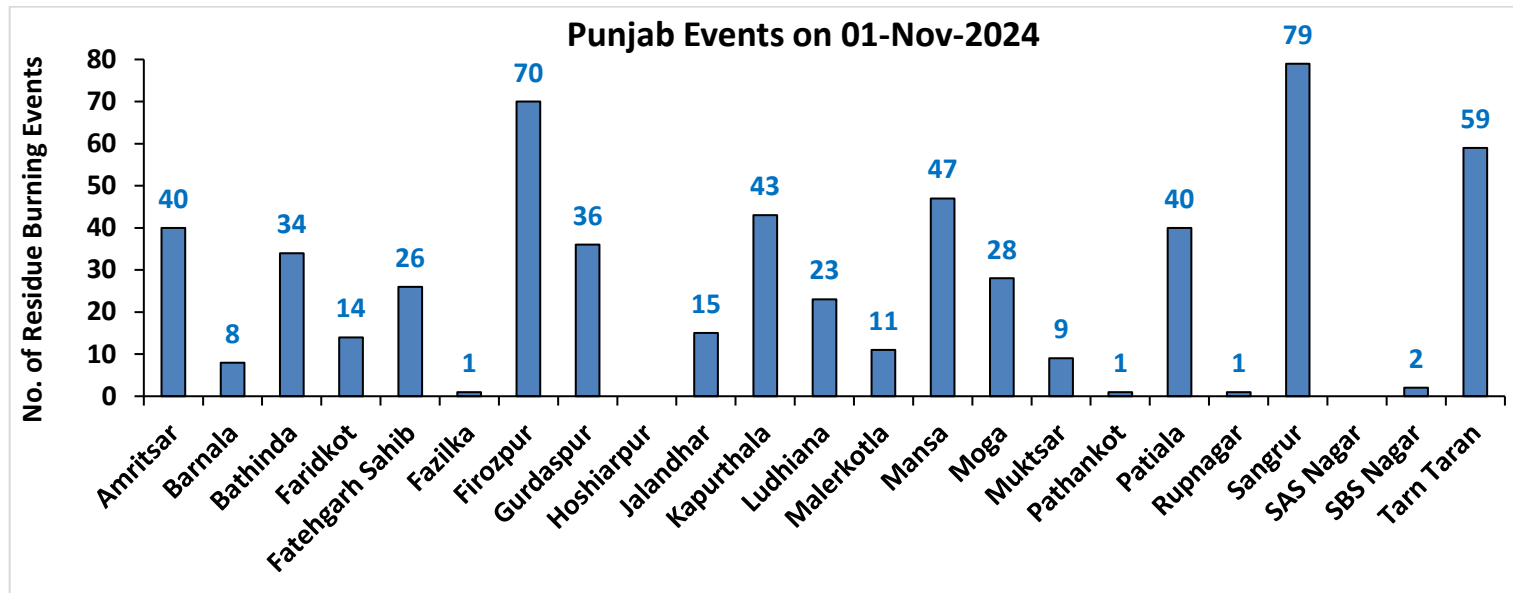
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

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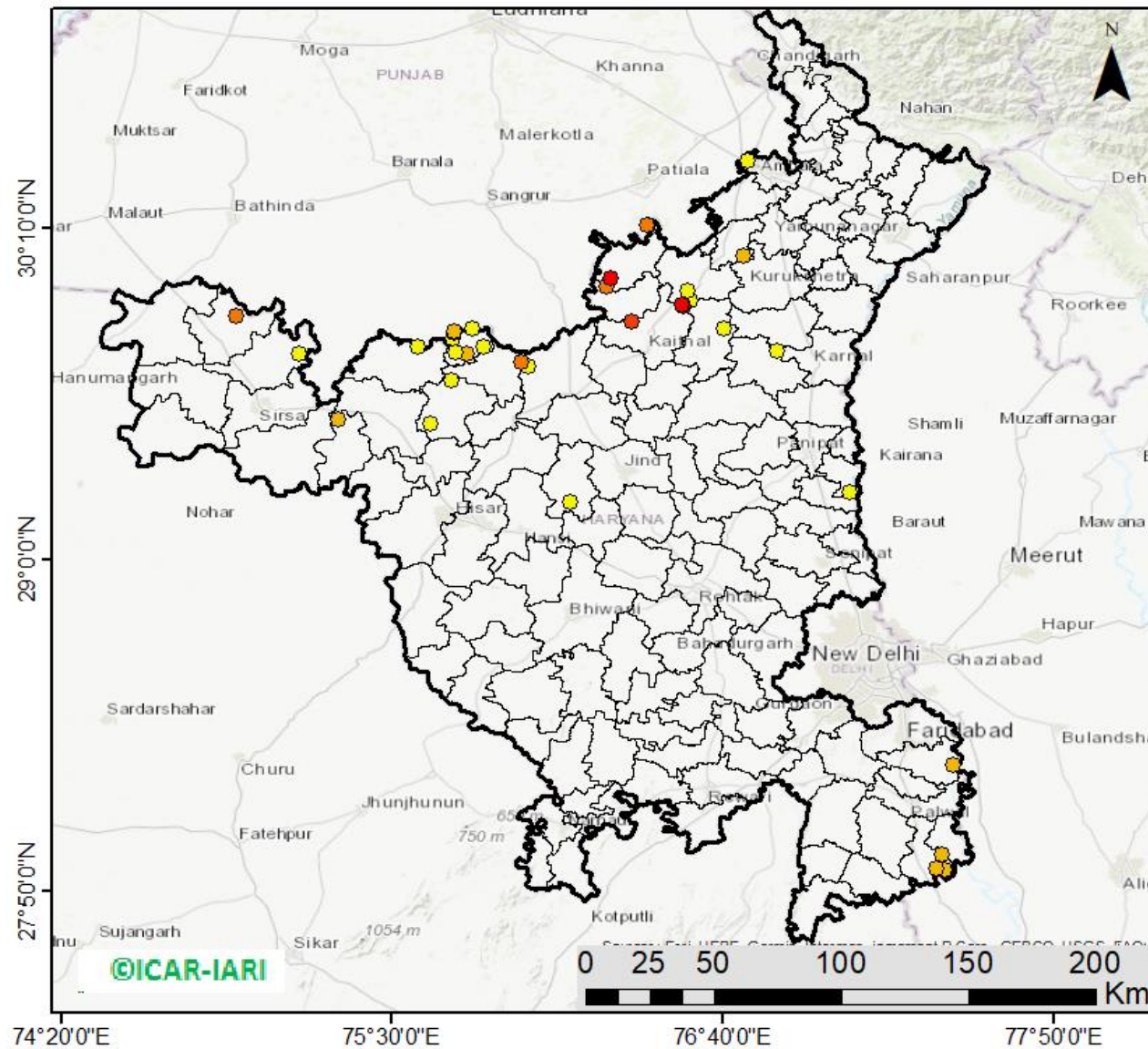
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Punjab (15Sep-01Nov-2024)



Haryana

RICE RESIDUE BURNING IN HARYANA



35 burning events detected in Haryana on (01st Nov 2024)

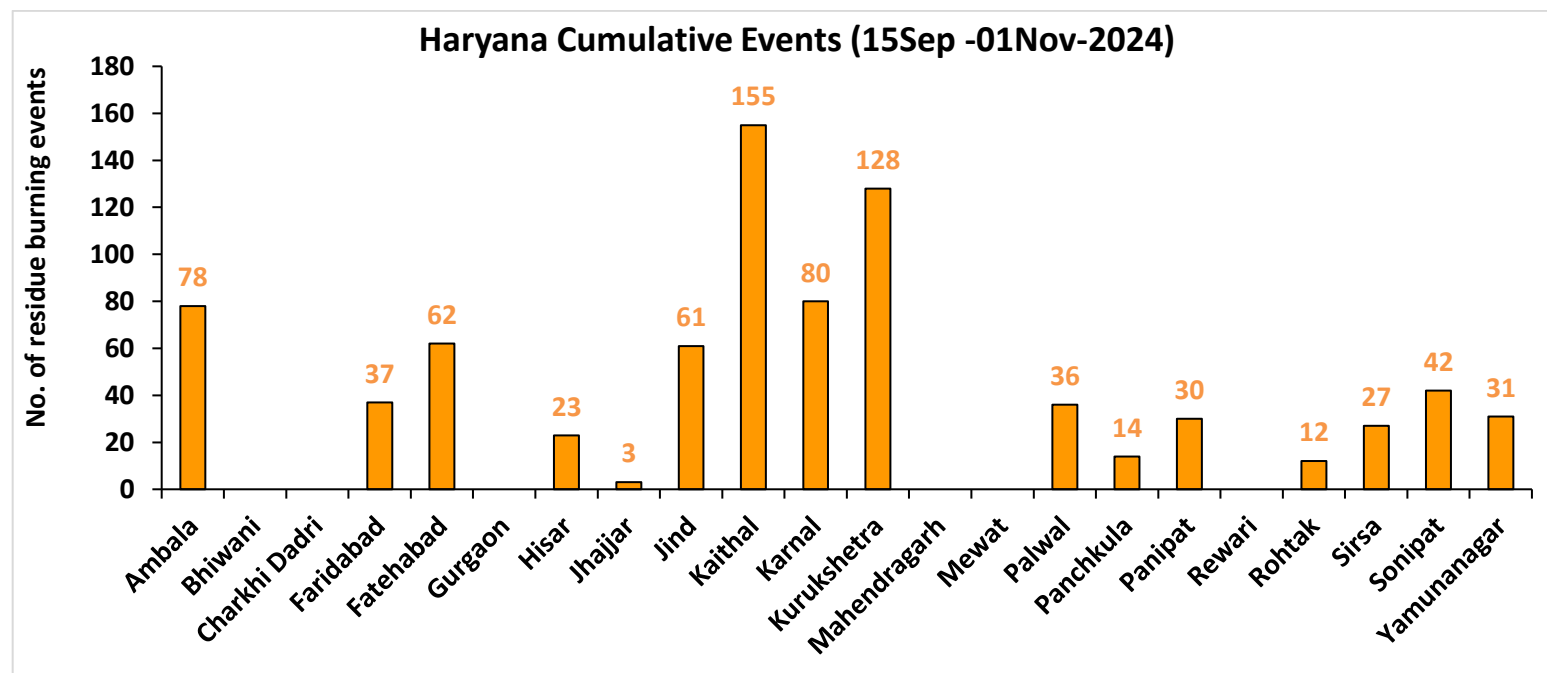
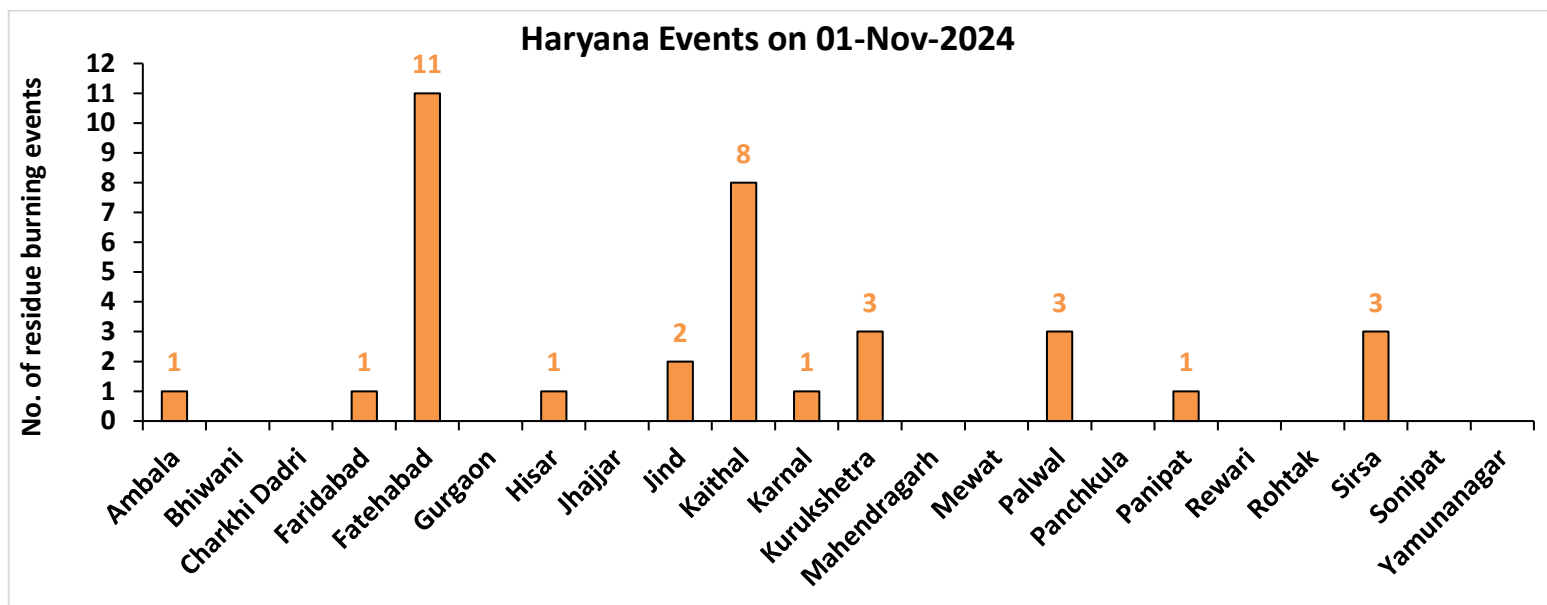
Fire Intensity (W/m²)

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



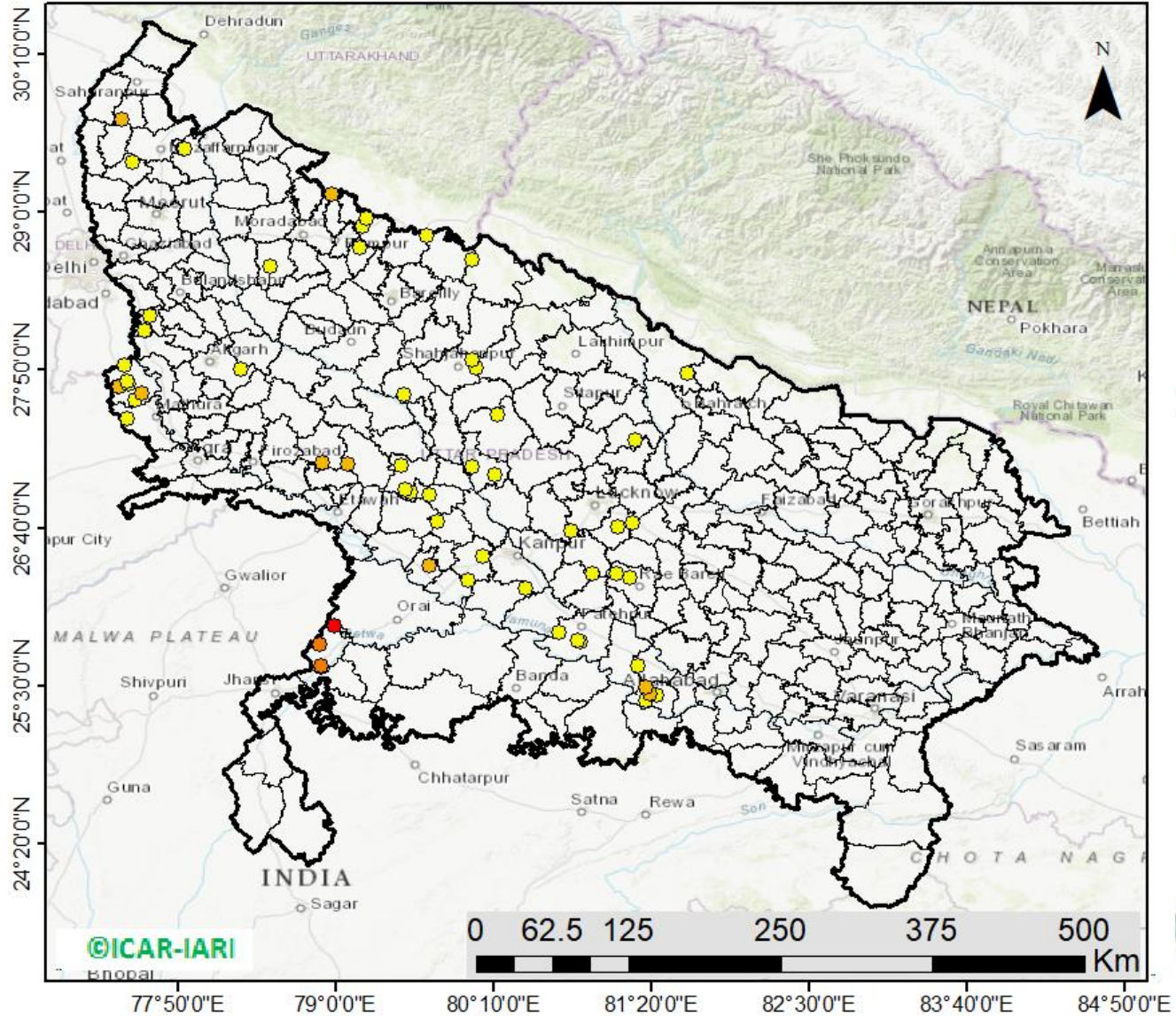
http://103.111.37.126/icar_geportal/

District-wise cumulative number of residues burning events in Haryana (15Sep-01Nov-2024)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



67 burning events detected in Uttar Pradesh on (01st Nov 2024)

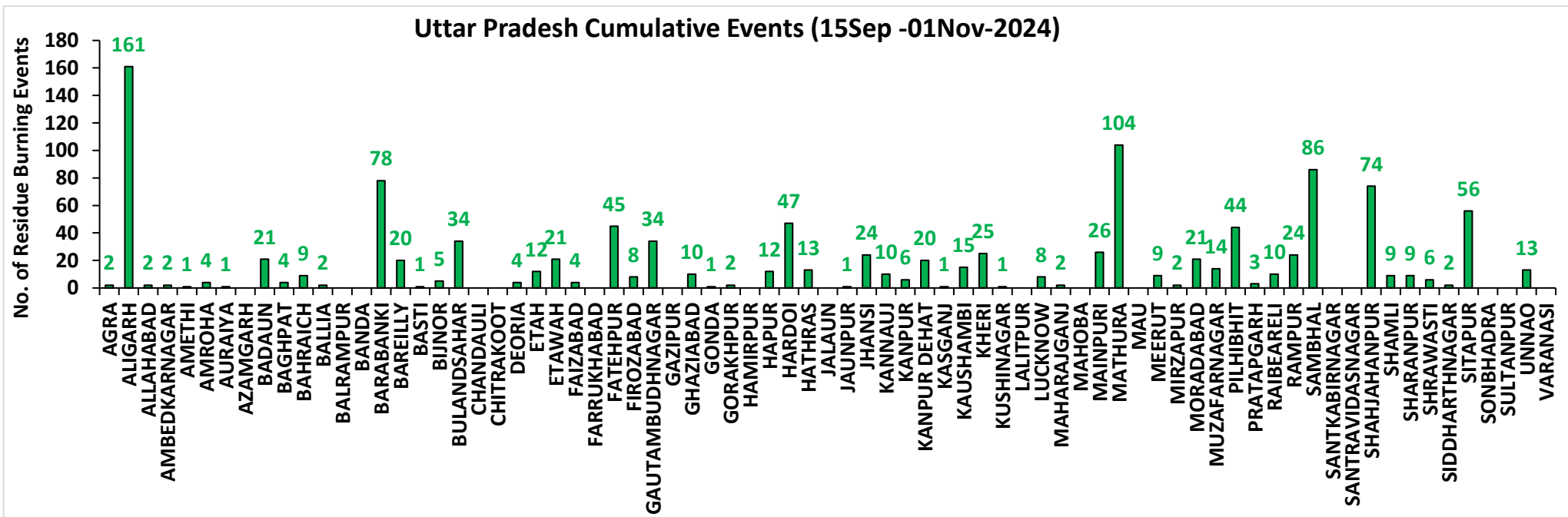
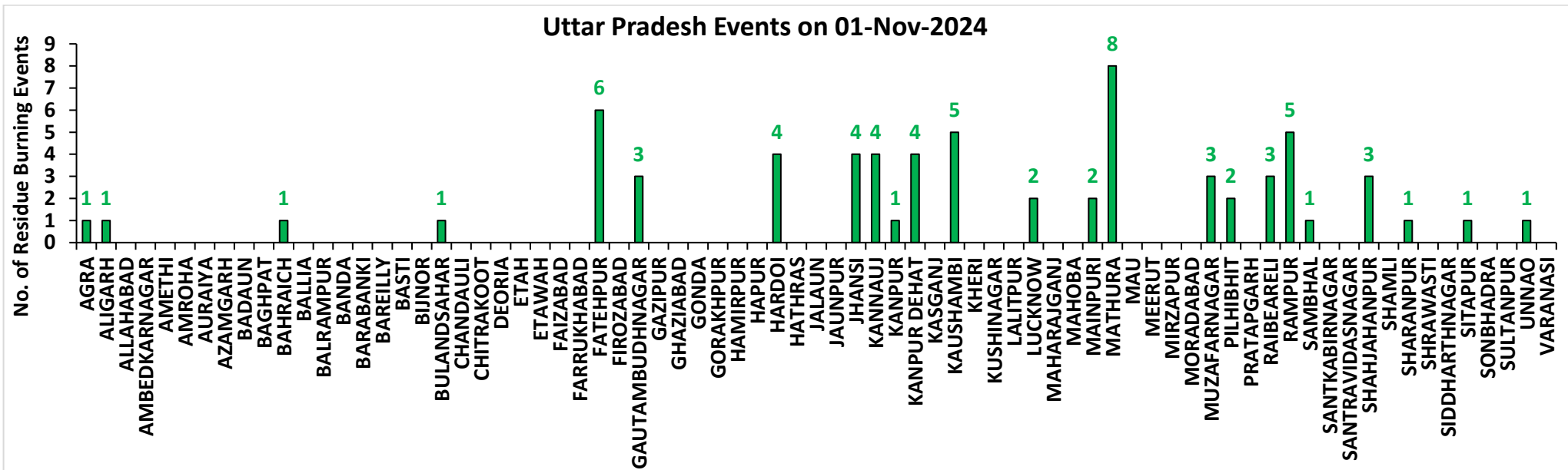
Fire Intensity (W/m2)

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



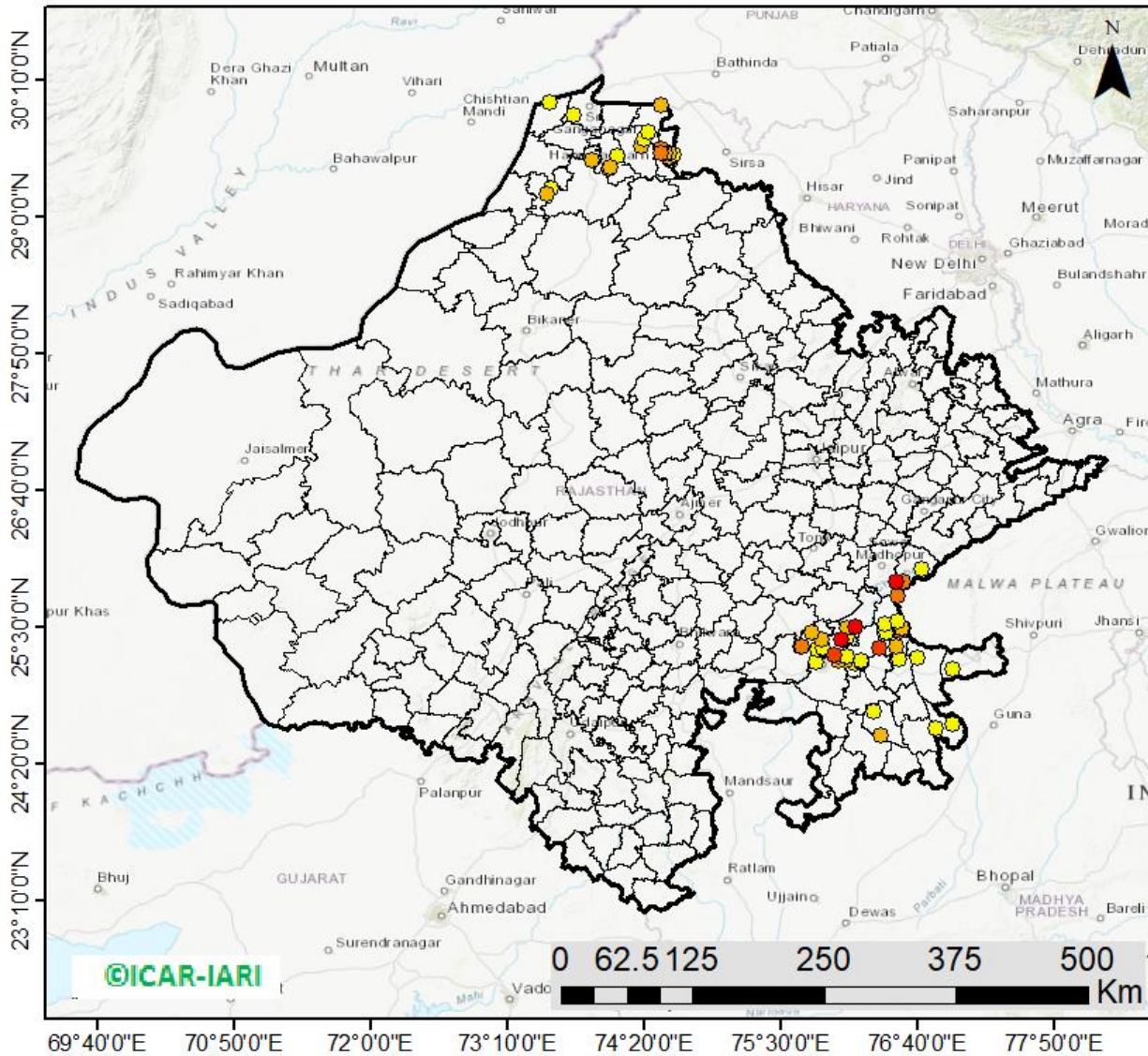
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-01Nov-2024)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



68 burning events
detected in Rajasthan on
(01st Nov 2024)

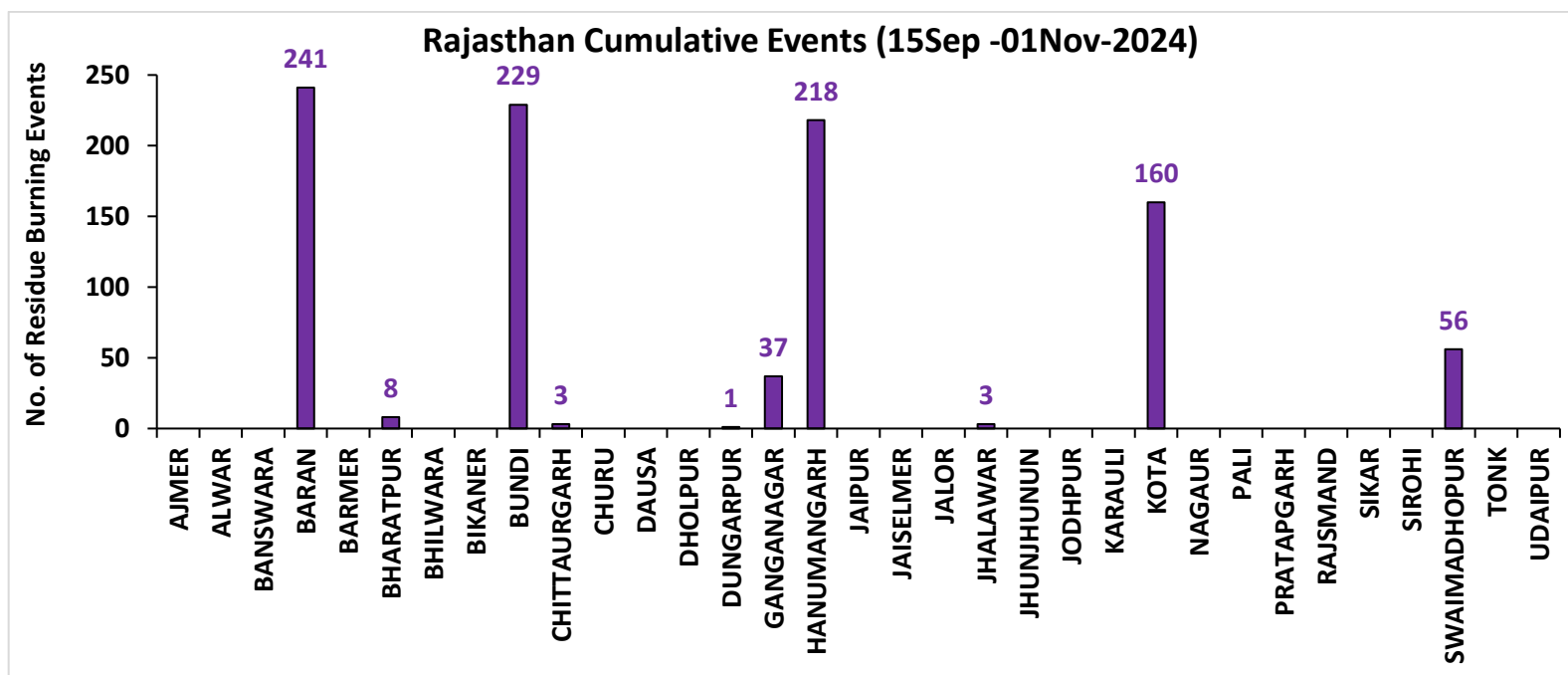
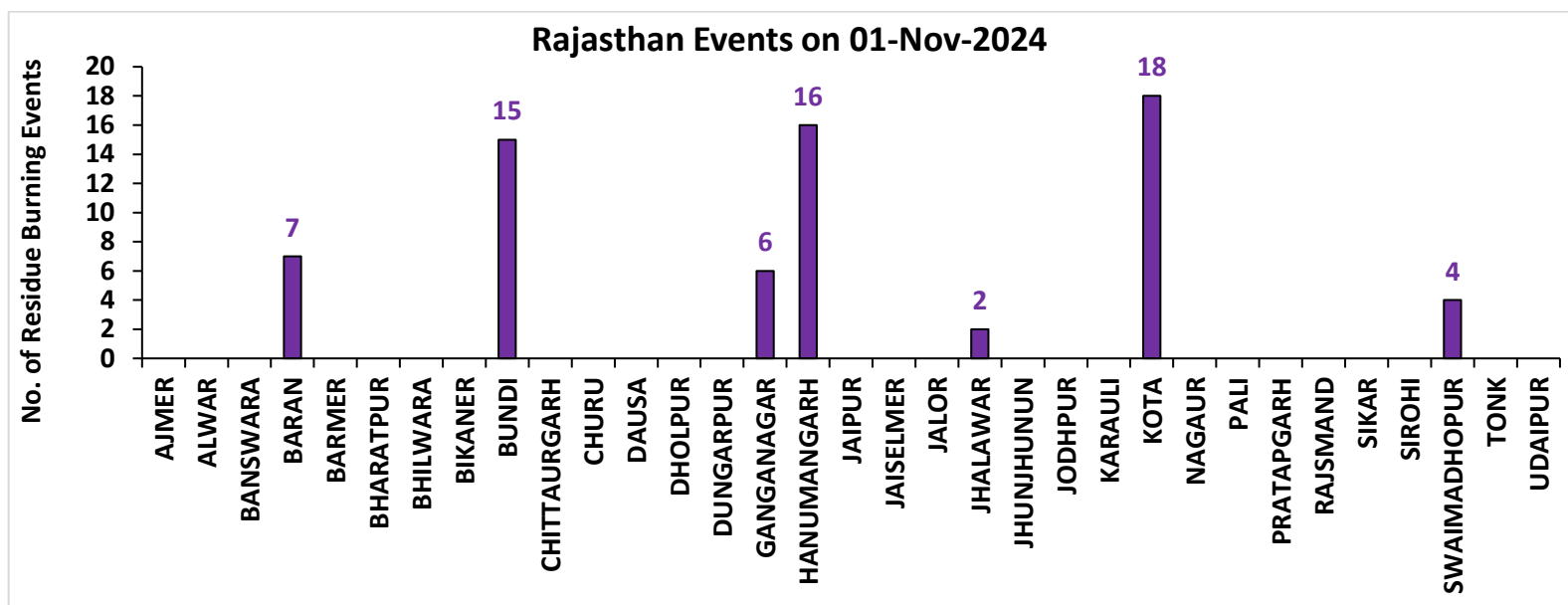
Fire Intensity (W/m²)

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



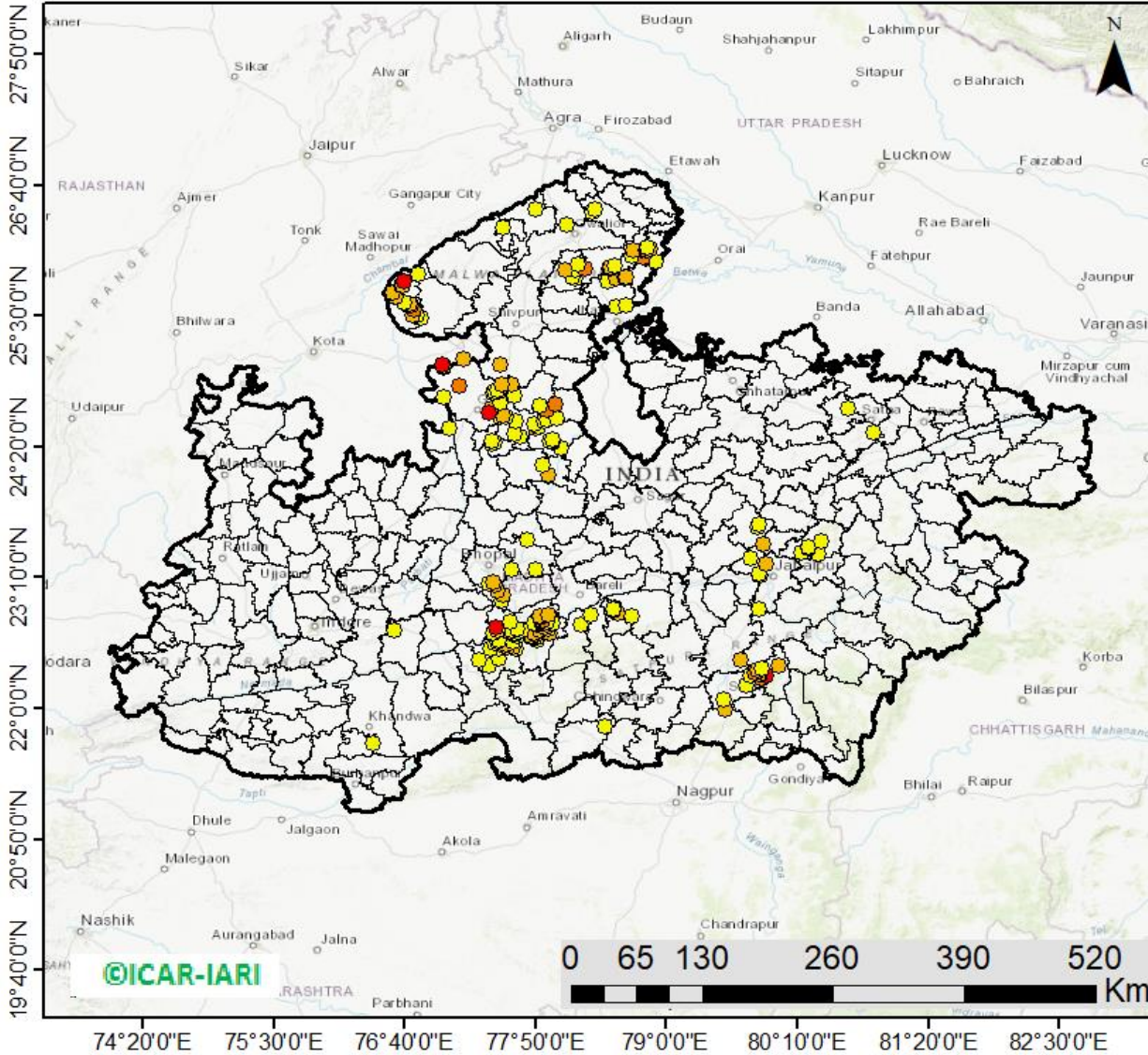
http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Rajasthan (15Sep-01Nov-2024)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



226 burning events
detected in MP on
(01st Nov 2024)

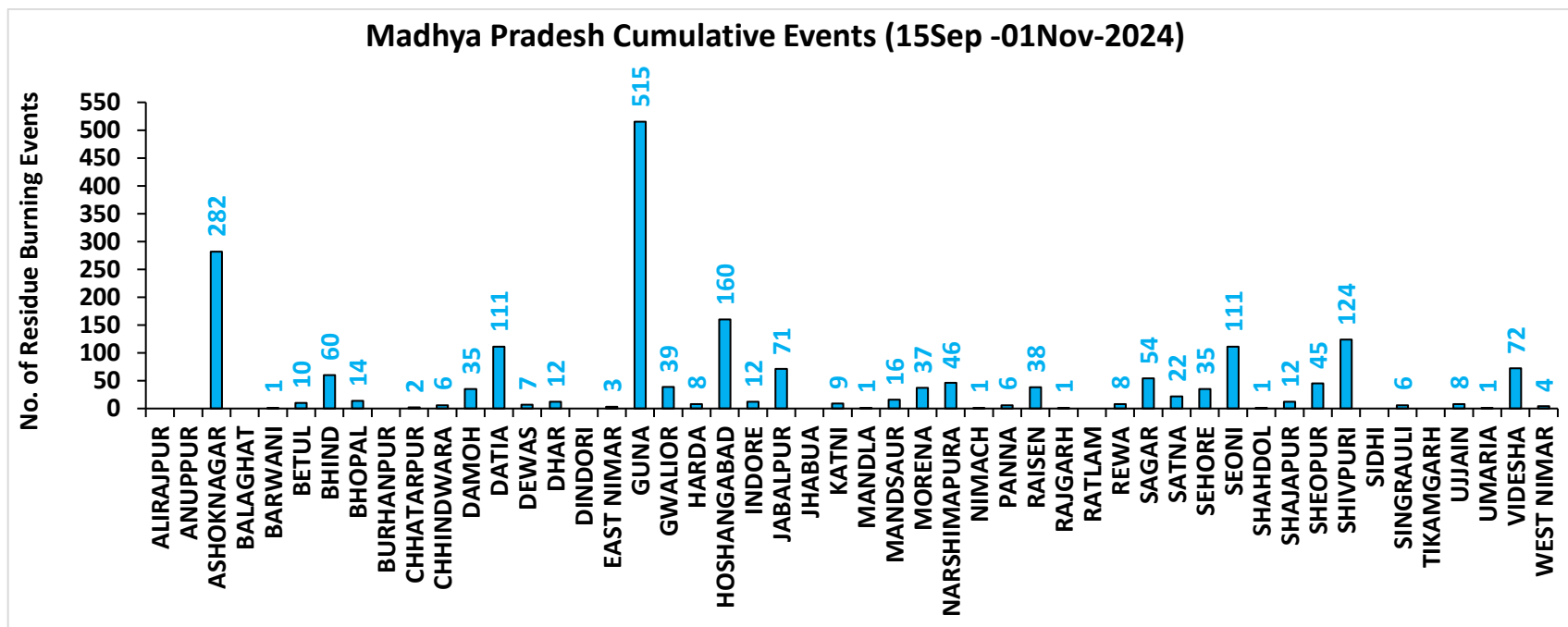
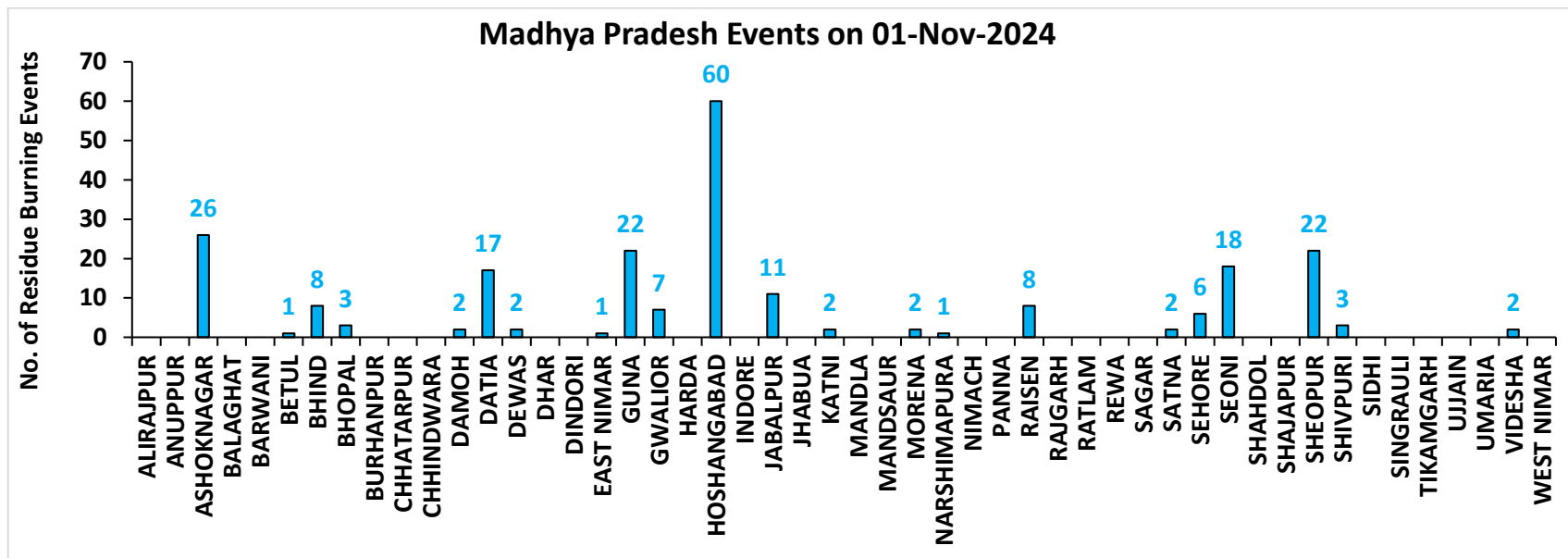
Fire Intensity (W/m²)

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



http://103.111.37.126/icar_geoportal/

District-wise cumulative number of residues burning events in Madhya Pradesh (15Sep-01Nov-2024)



District-wise cumulative number of residues burning events detected in 2020, 2021, 2022, 2023 and 2024
(Period: 15 September-01 November)

(a) Punjab

District	15 Sep-01 Nov				
	2020	2021	2022	2023	2024
Amritsar	2764	1278	1358	1253	569
Barnala	1096	659	615	170	42
Bathinda	1215	601	880	294	110
Faridkot	1885	895	380	319	65
Fatehgarh Sahib	1148	373	782	449	151
Fazilka	404	211	221	101	31
Firozpur	4865	1242	1316	989	421
Gurdaspur	1990	796	818	227	135
Hoshiarpur	337	180	194	30	9
Jalandhar	1089	665	836	301	54
Kapurthala	1555	915	987	399	201
Ludhiana	1811	961	827	421	82
Malerkotla	0	0	0	55	48
Mansa	925	258	522	617	164
Moga	1396	646	485	321	79
Muktsar	1376	645	380	132	25
Pathankot	8	2	0	1	1
Patiala	3757	1194	2020	856	367
Rupnagar	151	62	162	23	8
Sangrur	4248	962	2283	1304	427
SAS NAGAR (Mohali)	118	83	87	115	36
SBS Nagar	84	52	98	50	9
Tarn Taran	4856	2385	2595	1167	503
Total	37078	15065	17846	9594	3537

(b) Haryana

District	15 Sep-01 Nov				
	2020	2021	2022	2023	2024
AMBALA	325	186	174	165	78
BHIWANI	1	0	0	2	0
CHARKHI DADRI	0	0	0	0	0
FARIDABAD	1	2	1	3	37
FATEHABAD	266	393	337	235	62
GURGAON	0	0	0	0	0
HISAR	12	22	35	67	23
JHAJJAR	4	0	1	6	3
JIND	93	183	226	169	61
KAITHAL	606	776	524	176	155
KARNAL	525	739	252	87	80
KURUKSHETRA	394	459	288	133	128
MAHENDRAGARH	0	0	0	0	0
MEWAT	0	0	0	0	0
PALWAL	42	54	30	54	36
PANCHKULA	0	0	0	1	14
PANIPAT	18	41	28	20	30
REWARI	0	0	0	0	0
ROHTAK	12	0	0	14	12
SIRSA	59	49	57	34	27
SONIPAT	23	21	14	57	42
YAMUNANAGAR	114	113	116	73	31
Total	2495	3038	2083	1296	819

(c) Uttar Pradesh

District	15 Sep-01 Nov																
	2020	2021	2022	2023	2024	GAUTAMBUDHNAGAR	9	12	9	9	34	MUZAFARNAGAR	6	3	1	2	14
AGRA	2	0	0	4	2	GAZIPUR	0	0	0	1	0	PILHIBHIT	10	151	101	84	44
ALIGARH	81	34	32	80	161	GHAZIABAD	8	5	2	14	10	PRATAPGARH	5	2	3	6	3
ALLAHABAD	5	3	2	2	2	GONDA	2	0	0	0	1	RAIBARELI	2	4	3	4	10
AMBEDKARNAGAR	3	1	0	0	2	GORAKHPUR	3	3	1	1	2	RAMPUR	92	89	56	67	24
AMETHI	2	2	4	3	1	HAMIRPUR	1	0	0	0	0	SAMBHAL	8	9	11	14	86
AMROHA	3	0	0	2	4	HAPUR	8	3	2	0	12	SANTKABIRNAGAR	2	0	3	3	0
AURAIYA	28	14	8	20	1	HARDOI	35	33	14	42	47	SANTRAVIDASNAGAR	0	0	0	0	0
AZAMGARH	4	0	0	1	0	HATHRAS	0	0	1	2	13	SHAHJAHANPUR	68	257	228	54	74
BADAUN	4	9	0	4	21	JALAUN	6	0	0	0	0	SHAMLI	26	21	6	5	9
BAGHPAT	5	1	2	1	4	JAUNPUR	2	3	0	2	1	SHARANPUR	67	39	11	8	9
BAHRAICH	54	10	7	13	9	JHANSI	45	8	6	60	24	SHRAWASTI	19	5	2	10	6
BALLIA	2	0	0	0	2	KANNAUJ	16	2	1	2	10	SIDDHARTHANAGAR	5	7	0	2	2
BALRAMPUR	17	4	2	4	0	KANPUR	12	24	12	25	6	SITAPUR	32	31	7	13	56
BANDA	1	2	0	0	0	KANPUR DEHAT	29	7	1	38	20	SONBHADRA	0	0	0	0	0
BARABANKI	26	29	32	49	78	KASGANJ	2	2	0	3	1	SULTANPUR	2	1	1	2	0
BAREILLY	33	27	17	30	20	KAUSHAMBI	20	17	7	29	15	UNNAO	9	5	1	18	13
BASTI	9	2	1	2	1	KHERI	74	97	81	16	25	VARANASI	1	0	0	0	0
BIJNOR	10	7	2	6	5	KUSHINAGAR	4	0	2	4	1	Total	1255	1217	777	1029	1185
BULANDSAHAR	30	2	7	7	34	LALITPUR	1	1	3	2	0						
CHANDAULI	0	0	0	0	0	LUCKNOW	13	11	1	5	8						
CHITRAKOOT	0	3	2	4	0	MAHARAJGANJ	3	2	2	2	2						
DEORIA	6	1	2	2	4	MAHOBA	18	0	0	0	0						
ETAH	13	6	2	16	12	MAINPURI	23	23	13	29	26						
ETAWAH	17	17	7	50	21	MATHURA	102	108	18	86	104						
FAIZABAD	3	0	0	3	4	MAU	0	0	0	0	0						
FARRUKHABAD	2	2	0	1	0	MEERUT	21	6	4	3	9						
FATEHPUR	52	34	30	46	45	MIRZAPUR	6	5	2	0	2						
FIROZABAD	16	8	2	7	8	MORADABAD	10	3	0	5	21						

(d) Delhi

District	15 Sep-01 Nov				
	2020	2021	2022	2023	2024
CENTRAL	0	0	0	0	0
EAST	0	0	0	0	0
NEW DELHI	0	0	0	0	0
NORTH	2	0	6	2	8
NORTH EAST	0	0	0	0	0
NORTH WEST DELHI	3	0	0	0	4
SHAHADRA	0	0	0	0	0
SOUTH	1	0	0	0	0
SOUTH EAST	0	0	0	0	0
SOUTH WEST DELHI	0	0	0	0	0
WEST DELHI	2	0	0	0	0
Total	8	0	6	2	12

(e) Rajasthan

District	15 Sep-01 Nov				
	2020	2021	2022	2023	2024
AJMER	3	0	0	0	0
ALWAR	4	0	0	0	0
BANSWARA	0	0	0	0	0
BARAN	137	1	36	300	241
BARMER	3	0	0	0	0
BHARATPUR	2	2	1	2	8
BHILWARA	6	0	0	0	0
BIKANER	1	0	0	0	0
BUNDI	80	22	122	174	229
CHITTAURGARH	0	6	3	9	3
CHURU	0	0	0	0	0
DAUSA	0	0	0	0	0
DHOLPUR	0	0	0	0	0
DUNGARPUR	0	0	0	0	1
GANGANAGAR	14	10	14	18	37
HANUMANGARH	315	80	63	120	218
JAIPUR	2	0	0	0	0
JAISELMER	3	0	0	0	0
JALOR	0	0	0	0	0
JHALAWAR	2	0	4	9	3
JHUNJHUNUN	1	0	0	0	0
JODHPUR	2	0	0	0	0
KARAULI	1	0	0	0	0
KOTA	77	7	72	214	160
NAGAU	0	0	0	0	0
PALI	2	0	0	0	0
PRATAPGARH	6	0	0	0	0
RAJSMAND	1	0	0	0	0
SIKAR	0	0	0	0	0
SIROHI	1	0	0	0	0
SWAIMADHOPUR	41	1	30	54	56
TONK	3	0	0	0	0
UDAIPUR	0	0	0	4	0
Total	707	129	345	904	956

(f) Madhya Pradesh

District	15 Sep-01 Nov										
	2020	2021	2022	2023	2024	PANNA	17	4	0	3	6
ALIRAJPUR	0	0	0	0	0	RAISEN	229	23	21	102	38
ANUPPUR	0	0	0	0	0	RAJGARH	10	1	3	9	1
ASHOKNAGAR	106	14	25	173	282	RATLAM	0	1	0	1	0
BALAGHAT	0	0	0	0	0	REWA	38	12	2	9	8
BARWANI	0	0	0	0	1	SAGAR	24	20	36	75	54
BETUL	18	8	2	14	10	SATNA	142	34	3	38	22
BHIND	82	6	20	79	60	SEHORE	76	37	48	74	35
BHOPAL	32	14	8	24	14	SEONI	758	538	134	293	111
BURHANPUR	6	1	0	5	0	SHAHDOL	0	0	0	2	1
CHHATARPUR	5	0	0	3	2	SHAJAPUR	7	0	0	12	12
CHHINDWARA	51	27	24	55	6	SHEOPUR	440	13	209	806	45
DAMOH	54	31	24	45	35	SHIVPURI	86	4	17	72	124
DATIA	417	29	52	319	111	SIDHI	1	0	0	0	0
DEWAS	5	0	0	9	7	SINGRAULI	0	0	1	1	6
DHAR	30	0	0	32	12	TIKAMGARH	4	0	0	4	0
DINDORI	0	0	0	1	0	UJJAIN	5	0	0	14	8
EAST NIMAR	15	6	5	6	3	UMARIA	0	1	0	0	1
GUNA	50	2	50	364	515	VIDESHA	97	21	28	77	72
GWALIOR	504	14	16	108	39	WEST NIMAR	30	2	2	22	4
HARDA	13	19	7	26	8	Total	4273	1280	972	3504	2006
HOSHANGABAD	554	269	133	398	160						
INDORE	3	0	0	12	12						
JABALPUR	136	40	32	93	71						
JHABUA	0	0	0	0	0						
KATNI	67	4	5	24	9						
MANDLA	26	37	5	11	1						
MANDSAUR	9	0	0	2	16						
MORENA	54	18	9	44	37						
NARSHIMAPURA	71	30	51	42	46						
NIMACH	1	0	0	1	1						

State-wise and date-wise number of paddy residue burning events detected in 2020 ,2021 ,2022, 2023 and 2024
(Period: 15 September-01 November)

Number of Paddy Residue Burning Events Detected

Date	Punjab					Haryana					Uttar Pradesh				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
15-Sep	5	0	14	0	11	2	0	0	1	1	1	0	0	0	0
16-Sep	0	2	0	6	0	1	0	0	1	0	0	0	0	2	0
17-Sep	5	0	1	0	5	3	0	0	0	1	0	0	0	0	1
18-Sep	17	9	7	0	2	0	0	1	0	0	0	1	0	0	0
19-Sep	30	5	18	0	0	2	0	0	1	0	0	1	0	0	0
20-Sep	67	8	10	0	13	6	0	0	2	1	2	0	0	0	0
21-Sep	54	0	56	1	21	2	0	0	2	13	1	0	0	1	2
22-Sep	34	0	30	0	11	1	0	0	2	18	1	0	0	0	0
23-Sep	49	0	3	1	6	0	0	0	3	12	1	0	0	0	0
24-Sep	78	5	0	0	12	0	0	0	0	6	1	1	0	1	0
25-Sep	184	11	0	0	12	11	0	0	1	18	5	0	0	1	0
26-Sep	190	19	0	3	5	5	0	0	2	5	8	0	0	0	0
27-Sep	78	37	0	21	0	8	0	0	9	5	4	1	0	0	3
28-Sep	55	28	0	33	0	6	1	0	8	0	1	6	0	4	0
29-Sep	63	64	0	68	21	9	4	0	17	0	6	10	0	6	0
30-Sep	116	27	8	81	10	22	2	0	26	1	13	13	10	18	0
01-Oct	165	13	45	123	26	15	4	1	21	3	7	13	3	17	0
02-Oct	141	0	83	119	16	30	2	7	24	20	12	0	36	7	9
03-Oct	110	9	75	105	8	8	6	8	17	6	4	3	29	8	7
04-Oct	162	23	65	95	9	29	2	7	29	9	8	0	2	9	0
05-Oct	161	18	130	98	5	17	3	24	24	8	14	2	0	14	1
06-Oct	171	42	85	91	3	30	0	26	19	23	12	1	0	18	17
07-Oct	197	72	62	32	18	32	11	6	13	14	41	13	0	5	11
08-Oct	95	108	19	92	20	29	27	0	55	13	25	11	0	27	16
09-Oct	121	114	3	58	33	20	39	1	14	10	15	20	0	13	10
10-Oct	232	150	4	10	123	33	95	2	28	38	9	54	0	34	56
11-Oct	377	64	45	26	143	90	51	0	21	55	23	28	0	50	87
12-Oct	388	97	104	13	177	69	51	4	5	98	46	23	0	5	102

24-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-Sep	0	0	0	0	0	1	0	0	0	3	0	0	0	1	0
26-Sep	0	0	0	1	0	1	0	0	0	0	2	0	0	0	2
27-Sep	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
28-Sep	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0
29-Sep	0	0	0	0	0	3	0	0	6	0	0	4	0	5	0
30-Sep	1	0	0	0	0	1	0	0	4	2	5	0	0	11	0
01-Oct	0	0	0	0	0	4	1	1	4	1	13	0	1	8	3
02-Oct	1	0	0	0	0	7	0	3	4	3	12	0	1	1	0
03-Oct	0	0	0	0	0	9	0	2	5	0	5	1	5	5	2
04-Oct	0	0	0	0	0	15	0	0	22	0	4	2	0	12	0
05-Oct	0	0	2	0	0	14	0	1	11	2	13	1	0	18	2
06-Oct	1	0	0	0	0	16	0	0	9	1	37	1	0	7	12
07-Oct	0	0	0	0	0	14	1	1	7	4	31	1	0	9	17
08-Oct	0	0	0	0	0	11	0	0	9	1	17	2	0	18	7
09-Oct	0	0	0	0	0	12	0	0	17	1	15	4	0	24	2
10-Oct	0	0	0	0	3	14	1	0	26	3	18	10	0	52	1
11-Oct	0	0	0	1	0	21	7	1	21	6	32	2	0	24	17
12-Oct	0	0	0	0	2	24	1	2	1	13	44	1	1	1	5
13-Oct	0	0	0	0	1	7	5	2	28	10	21	2	7	32	5
14-Oct	0	0	0	0	1	16	1	1	15	20	15	11	1	26	7
15-Oct	0	0	0	0	0	9	8	2	34	23	8	27	2	66	11
16-Oct	1	0	0	0	1	12	2	4	18	100	23	13	2	51	112
17-Oct	0	0	0	0	0	26	0	4	12	16	63	1	11	31	51
18-Oct	0	0	1	0	3	37	2	12	11	30	88	0	15	13	71
19-Oct	0	0	0	0	0	27	5	12	31	25	49	1	12	65	46
20-Oct	0	0	0	0	0	26	4	4	57	11	9	21	7	131	24
21-Oct	2	0	0	0	0	32	2	6	34	21	112	30	18	147	53
22-Oct	0	0	0	0	0	29	5	12	57	36	183	29	31	119	93
23-Oct	1	0	0	0	0	23	7	20	29	50	204	32	70	89	194
24-Oct	0	0	2	0	0	20	4	7	38	11	150	34	26	132	32
25-Oct	1	0	0	0	0	18	2	4	47	49	144	60	0	159	94
26-Oct	0	0	0	0	1	34	3	21	59	54	178	55	57	320	170
27-Oct	0	0	0	0	0	42	1	21	73	60	294	62	38	256	130
28-Oct	0	0	0	0	0	45	4	46	12	65	537	110	143	202	160
29-Oct	0	0	0	0	0	29	23	37	73	93	349	97	151	372	175
30-Oct	0	0	0	0	0	17	20	55	37	89	428	168	119	224	131

31-Oct	0	0	0	0	0	37	15	36	33	85	455	299	112	360	145
01-Nov	0	0	1	0	0	51	5	27	60	68	709	198	142	509	226
Total	8	0	6	2	12	707	129	345	904	956	4273	1280	972	3504	2006

Details of residue burning events in Punjab on 01-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	S-NPP	31.83004	74.73469	13:53:07	D	2.50
2	AMRITSAR	AJNALA	S-NPP	31.87115	74.92989	13:53:07	D	4.60
3	AMRITSAR	AJNALA	S-NPP	31.87770	74.83418	13:53:07	D	4.80
4	AMRITSAR	AJNALA	S-NPP	31.88088	74.82516	13:53:07	D	3.90
5	AMRITSAR	AJNALA	S-NPP	31.88863	74.74316	13:53:07	D	6.30
6	AMRITSAR	AJNALA	S-NPP	31.89269	74.74258	13:53:07	D	4.20
7	AMRITSAR	AJNALA	S-NPP	31.95953	74.95699	13:53:07	D	2.50
8	AMRITSAR	ATTARI	S-NPP	31.60838	74.58042	13:53:07	D	3.90
9	AMRITSAR	ATTARI	S-NPP	31.61859	74.63777	13:53:07	D	1.60
10	AMRITSAR	ATTARI	S-NPP	31.62524	74.66171	13:53:07	D	4.60
11	AMRITSAR	ATTARI	S-NPP	31.64982	74.54972	13:53:07	D	6.30
12	AMRITSAR	ATTARI	AQUA	31.54300	74.64300	14:49:15	D	16.30
13	AMRITSAR	ATTARI	AQUA	31.57200	74.70700	14:49:15	D	37.40
14	AMRITSAR	ATTARI	AQUA	31.59300	74.58500	14:49:15	D	16.40
15	AMRITSAR	CHOGAWAN	S-NPP	31.62480	74.65761	13:53:07	D	4.60
16	AMRITSAR	CHOGAWAN	S-NPP	31.65382	74.54914	13:53:07	D	6.30
17	AMRITSAR	CHOGAWAN	S-NPP	31.69593	74.63482	13:53:07	D	2.30
18	AMRITSAR	CHOGAWAN	S-NPP	31.75886	74.68534	13:53:07	D	8.70
19	AMRITSAR	CHOGAWAN	S-NPP	31.75931	74.68946	13:53:07	D	9.90
20	AMRITSAR	CHOGAWAN	S-NPP	31.76653	74.60509	13:53:07	D	13.50
21	AMRITSAR	CHOGAWAN	S-NPP	31.76698	74.60916	13:53:07	D	13.50
22	AMRITSAR	CHOGAWAN	AQUA	31.69400	74.56300	14:49:15	D	9.60
23	AMRITSAR	HARSHA CHHINA	S-NPP	31.79483	74.90522	13:53:07	D	11.50
24	AMRITSAR	HARSHA CHHINA	AQUA	31.77600	74.80500	14:49:15	D	18.10
25	AMRITSAR	MAJITHA	S-NPP	31.80294	75.06065	13:53:07	D	3.60

26	AMRITSAR	RAYYA	S-NPP	31.49598	75.22388	13:53:07	D	5.20
27	AMRITSAR	RAYYA	S-NPP	31.53011	75.18818	13:53:07	D	3.70
28	AMRITSAR	RAYYA	S-NPP	31.54824	75.27894	13:53:07	D	5.50
29	AMRITSAR	RAYYA	S-NPP	31.54897	75.27956	13:53:07	D	5.00
30	AMRITSAR	RAYYA	S-NPP	31.55065	75.21249	13:53:07	D	7.80
31	AMRITSAR	RAYYA	S-NPP	31.55436	75.20753	13:53:07	D	4.00
32	AMRITSAR	RAYYA	S-NPP	31.55851	75.20695	13:53:07	D	4.00
33	AMRITSAR	RAYYA	S-NPP	31.56088	75.18891	13:53:07	D	11.30
34	AMRITSAR	RAYYA	S-NPP	31.59720	75.25496	13:53:07	D	4.10
35	AMRITSAR	RAYYA	S-NPP	31.60502	75.28969	13:53:07	D	5.80
36	AMRITSAR	RAYYA	S-NPP	31.68178	75.28454	13:53:07	D	4.80
37	AMRITSAR	RAYYA	AQUA	31.60600	75.27600	14:49:15	D	16.80
38	AMRITSAR	TARSIKKA	S-NPP	31.67132	75.22326	13:53:07	D	7.20
39	AMRITSAR	TARSIKKA	S-NPP	31.67177	75.22765	13:53:07	D	14.30
40	AMRITSAR	TARSIKKA	S-NPP	31.68672	75.16772	13:53:07	D	3.00
41	BARNALA	BARNALA	S-NPP	30.17734	75.51682	13:53:07	D	2.40
42	BARNALA	BARNALA	S-NPP	30.22288	75.45467	13:53:07	D	5.10
43	BARNALA	BARNALA	S-NPP	30.31382	75.54890	13:53:07	D	12.20
44	BARNALA	MAHAL KALAN	S-NPP	30.49260	75.54755	13:53:07	D	3.80
45	BARNALA	MAHAL KALAN	AQUA	30.56200	75.41800	14:49:15	D	19.20
46	BARNALA	SEHNA	S-NPP	30.34597	75.37399	13:53:07	D	2.30
47	BARNALA	SEHNA	S-NPP	30.47940	75.30874	13:53:07	D	9.80
48	BARNALA	SEHNA	S-NPP	30.48767	75.32949	13:53:07	D	2.20
49	BATHINDA	BATHINDA	S-NPP	30.21448	74.81376	13:53:07	D	3.90
50	BATHINDA	BATHINDA	S-NPP	30.25464	74.87328	13:53:07	D	2.70
51	BATHINDA	BATHINDA	AQUA	30.13400	75.02500	14:49:15	D	13.80
52	BATHINDA	BATHINDA	AQUA	30.13500	75.04200	14:49:15	D	30.60
53	BATHINDA	BHAGTA BHAI KA	S-NPP	30.37569	75.15708	13:53:07	D	7.20
54	BATHINDA	BHAGTA BHAI KA	AQUA	30.46300	75.12700	14:49:15	D	74.80
55	BATHINDA	BHAGTA BHAI KA	AQUA	30.46500	75.13200	14:49:15	D	69.10
56	BATHINDA	GONIANA MANDI	S-NPP	30.30305	74.97958	13:53:07	D	2.40
57	BATHINDA	GONIANA MANDI	S-NPP	30.30350	74.98363	13:53:07	D	3.60
58	BATHINDA	MAUR	S-NPP	30.04865	75.25131	13:53:07	D	11.20

59	BATHINDA	MAUR	S-NPP	30.04988	75.25098	13:53:07	D	12.50
60	BATHINDA	MAUR	AQUA	30.06800	75.26400	14:49:15	D	23.20
61	BATHINDA	NATHANA	S-NPP	30.19918	75.15508	13:53:07	D	2.20
62	BATHINDA	NATHANA	S-NPP	30.20325	75.15451	13:53:07	D	2.70
63	BATHINDA	NATHANA	S-NPP	30.21186	75.11989	13:53:07	D	1.60
64	BATHINDA	NATHANA	S-NPP	30.28090	75.07781	13:53:07	D	1.80
65	BATHINDA	NATHANA	AQUA	30.20200	75.12900	14:49:15	D	14.20
66	BATHINDA	PHUL	S-NPP	30.32772	75.28196	13:53:07	D	15.50
67	BATHINDA	PHUL	S-NPP	30.36695	75.25941	13:53:07	D	7.60
68	BATHINDA	PHUL	S-NPP	30.45692	75.21766	13:53:07	D	4.10
69	BATHINDA	PHUL	AQUA	30.35000	75.24300	14:49:15	D	12.40
70	BATHINDA	PHUL	AQUA	30.39000	75.29100	14:49:15	D	17.80
71	BATHINDA	RAMPURA	S-NPP	30.12628	75.31670	13:53:07	D	2.50
72	BATHINDA	RAMPURA	S-NPP	30.12630	75.27849	13:53:07	D	2.40
73	BATHINDA	RAMPURA	S-NPP	30.13039	75.31612	13:53:07	D	4.70
74	BATHINDA	RAMPURA	S-NPP	30.15543	75.13206	13:53:07	D	18.60
75	BATHINDA	RAMPURA	S-NPP	30.16443	75.13911	13:53:07	D	4.30
76	BATHINDA	RAMPURA	S-NPP	30.18910	75.21531	13:53:07	D	4.40
77	BATHINDA	RAMPURA	S-NPP	30.19319	75.21473	13:53:07	D	2.80
78	BATHINDA	RAMPURA	S-NPP	30.27417	75.32801	13:53:07	D	4.50
79	BATHINDA	RAMPURA	S-NPP	30.27656	75.33063	13:53:07	D	3.10
80	BATHINDA	TALWANDI SABO	S-NPP	29.91608	75.12360	13:53:07	D	19.40
81	BATHINDA	TALWANDI SABO	S-NPP	30.05199	75.08817	13:53:07	D	3.60
82	BATHINDA	TALWANDI SABO	AQUA	29.85300	75.16700	14:49:15	D	16.70
83	FARIDKOT	FARIDKOT	S-NPP	30.66425	74.82179	13:53:07	D	6.40
84	FARIDKOT	FARIDKOT	S-NPP	30.71133	74.52772	13:53:07	D	8.50
85	FARIDKOT	FARIDKOT	S-NPP	30.71269	74.52843	13:53:07	D	10.40
86	FARIDKOT	FARIDKOT	S-NPP	30.71414	74.68376	13:53:07	D	5.10
87	FARIDKOT	FARIDKOT	S-NPP	30.73481	74.86907	13:53:07	D	3.90
88	FARIDKOT	FARIDKOT	S-NPP	30.73791	74.82348	13:53:07	D	14.40
89	FARIDKOT	FARIDKOT	S-NPP	30.75142	74.56343	13:53:07	D	4.90
90	FARIDKOT	FARIDKOT	S-NPP	30.80025	74.67645	13:53:07	D	39.60
91	FARIDKOT	FARIDKOT	AQUA	30.73700	74.89700	14:49:15	D	15.60

92	FARIDKOT	FARIDKOT	AQUA	30.74400	74.64400	14:49:15	D	51.80
93	FARIDKOT	FARIDKOT	AQUA	30.76100	74.49500	14:49:15	D	13.40
94	FARIDKOT	KOT KAPURA	AQUA	30.52500	74.82100	14:49:15	D	18.10
95	FARIDKOT	KOT KAPURA	AQUA	30.53400	74.82600	14:49:15	D	26.00
96	FARIDKOT	KOT KAPURA	AQUA	30.53600	74.81900	14:49:15	D	28.90
97	FATEHGARH SAHIB	AMLOH	S-NPP	30.58157	76.13779	13:53:07	D	2.70
98	FATEHGARH SAHIB	AMLOH	S-NPP	30.60960	76.28994	13:53:07	D	3.30
99	FATEHGARH SAHIB	AMLOH	S-NPP	30.70024	76.35247	13:53:07	D	12.80
100	FATEHGARH SAHIB	AMLOH	S-NPP	30.70411	76.34911	13:53:07	D	18.90
101	FATEHGARH SAHIB	AMLOH	S-NPP	30.70415	76.34701	13:53:07	D	12.80
102	FATEHGARH SAHIB	AMLOH	AQUA	30.70800	76.33900	14:49:15	D	13.70
103	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.66011	76.44260	13:53:07	D	2.90
104	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.68000	76.45000	14:49:15	D	14.30
105	FATEHGARH SAHIB	KHERA	S-NPP	30.61055	76.43891	13:53:07	D	2.40
106	FATEHGARH SAHIB	KHERA	S-NPP	30.61570	76.52226	13:53:07	D	5.90
107	FATEHGARH SAHIB	KHERA	S-NPP	30.61791	76.56446	13:53:07	D	4.30
108	FATEHGARH SAHIB	KHERA	S-NPP	30.61810	76.51862	13:53:07	D	2.80
109	FATEHGARH SAHIB	KHERA	S-NPP	30.61975	76.56243	13:53:07	D	4.10
110	FATEHGARH SAHIB	KHERA	S-NPP	30.63079	76.55772	13:53:07	D	2.50
111	FATEHGARH SAHIB	KHERA	S-NPP	30.65265	76.50409	13:53:07	D	4.30
112	FATEHGARH SAHIB	KHERA	S-NPP	30.66737	76.56326	13:53:07	D	7.80
113	FATEHGARH SAHIB	SIRHIND	S-NPP	30.50122	76.48930	13:53:07	D	16.00
114	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55808	76.43893	13:53:07	D	9.90
115	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55958	76.47366	02:43:07	N	0.70
116	FATEHGARH SAHIB	SIRHIND	S-NPP	30.60031	76.42519	13:53:07	D	5.40
117	FATEHGARH SAHIB	SIRHIND	S-NPP	30.60122	76.42343	13:53:07	D	3.30
118	FATEHGARH SAHIB	SIRHIND	S-NPP	30.60413	76.32516	13:53:07	D	1.60
119	FATEHGARH SAHIB	SIRHIND	S-NPP	30.61072	76.39384	13:53:07	D	5.50
120	FATEHGARH SAHIB	SIRHIND	S-NPP	30.61134	76.35395	13:53:07	D	3.90
121	FATEHGARH SAHIB	SIRHIND	AQUA	30.49900	76.49200	14:49:15	D	14.80
122	FATEHGARH SAHIB	SIRHIND	AQUA	30.57100	76.41200	14:49:15	D	16.40
123	FAZILKA	JALALABAD	S-NPP	30.61251	74.13858	13:53:07	D	7.00
124	FIROZPUR	FIROZPUR	S-NPP	30.81883	74.58942	13:53:07	D	8.90

125	FIROZPUR	FIROZPUR	S-NPP	30.86986	74.63390	13:53:07	D	16.70
126	FIROZPUR	FIROZPUR	S-NPP	30.86995	74.59772	13:53:07	D	10.40
127	FIROZPUR	FIROZPUR	S-NPP	30.87255	74.62144	13:53:07	D	7.80
128	FIROZPUR	FIROZPUR	S-NPP	30.95603	74.55329	13:53:07	D	5.00
129	FIROZPUR	FIROZPUR	S-NPP	30.95655	74.59532	13:53:07	D	4.30
130	FIROZPUR	FIROZPUR	S-NPP	30.98238	74.60965	13:53:07	D	7.80
131	FIROZPUR	FIROZPUR	S-NPP	30.98317	74.54327	13:53:07	D	5.00
132	FIROZPUR	FIROZPUR	S-NPP	31.03222	74.65700	13:53:07	D	6.30
133	FIROZPUR	FIROZPUR	S-NPP	31.04018	74.61937	13:53:07	D	11.00
134	FIROZPUR	FIROZPUR	S-NPP	31.04187	74.62303	13:53:07	D	3.50
135	FIROZPUR	FIROZPUR	S-NPP	31.05583	74.79596	13:53:07	D	2.60
136	FIROZPUR	FIROZPUR	S-NPP	31.10047	74.75233	13:53:07	D	3.20
137	FIROZPUR	FIROZPUR	S-NPP	31.10440	74.78893	13:53:07	D	15.30
138	FIROZPUR	FIROZPUR	AQUA	30.95100	74.55300	14:49:15	D	16.70
139	FIROZPUR	FIROZPUR	AQUA	30.95200	74.56900	14:49:15	D	20.50
140	FIROZPUR	FIROZPUR	AQUA	30.95200	74.66900	14:49:15	D	9.80
141	FIROZPUR	FIROZPUR	AQUA	31.07500	74.73900	14:49:15	D	8.40
142	FIROZPUR	GHALL KHURD	S-NPP	30.78431	74.90480	13:53:07	D	7.00
143	FIROZPUR	GHALL KHURD	S-NPP	30.78791	74.90014	13:53:07	D	7.00
144	FIROZPUR	GHALL KHURD	S-NPP	30.79195	74.89956	13:53:07	D	24.50
145	FIROZPUR	GHALL KHURD	S-NPP	30.79239	74.90365	13:53:07	D	24.50
146	FIROZPUR	GHALL KHURD	S-NPP	30.81531	74.88792	13:53:07	D	39.30
147	FIROZPUR	GHALL KHURD	S-NPP	30.82088	74.75254	13:53:07	D	24.90
148	FIROZPUR	GHALL KHURD	S-NPP	30.83103	74.84435	13:53:07	D	12.20
149	FIROZPUR	GHALL KHURD	S-NPP	30.90299	74.78870	13:53:07	D	4.10
150	FIROZPUR	GHALL KHURD	S-NPP	30.93738	74.76731	13:53:07	D	5.20
151	FIROZPUR	GHALL KHURD	S-NPP	30.94140	74.76672	13:53:07	D	11.40
152	FIROZPUR	GHALL KHURD	S-NPP	30.94365	74.78695	13:53:07	D	5.10
153	FIROZPUR	GHALL KHURD	S-NPP	30.99862	74.75888	13:53:07	D	4.90
154	FIROZPUR	GHALL KHURD	AQUA	30.89300	74.76700	14:49:15	D	22.00
155	FIROZPUR	GHALL KHURD	AQUA	30.89400	74.76000	14:49:15	D	14.70
156	FIROZPUR	GHALL KHURD	AQUA	30.89600	74.77700	14:49:15	D	17.00
157	FIROZPUR	GHALL KHURD	AQUA	30.91200	74.82600	14:49:15	D	10.20

158	FIROZPUR	GHALL KHURD	AQUA	30.93100	74.78900	14:49:15	D	11.00
159	FIROZPUR	GURUHAR SAHAI	S-NPP	30.66206	74.47098	13:53:07	D	4.60
160	FIROZPUR	GURUHAR SAHAI	S-NPP	30.71369	74.43883	13:53:07	D	3.20
161	FIROZPUR	GURUHAR SAHAI	S-NPP	30.71453	74.43974	13:53:07	D	5.00
162	FIROZPUR	GURUHAR SAHAI	S-NPP	30.71713	74.42764	13:53:07	D	4.30
163	FIROZPUR	GURUHAR SAHAI	S-NPP	30.75581	74.31595	13:53:07	D	4.20
164	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76020	74.46134	13:53:07	D	8.10
165	FIROZPUR	GURUHAR SAHAI	AQUA	30.69900	74.42400	14:49:15	D	9.50
166	FIROZPUR	MAKHU	S-NPP	31.04150	74.81454	13:53:07	D	3.00
167	FIROZPUR	MAKHU	S-NPP	31.04284	74.82678	13:53:07	D	2.40
168	FIROZPUR	MAKHU	S-NPP	31.11459	74.84562	13:53:07	D	23.40
169	FIROZPUR	MAKHU	S-NPP	31.13109	74.92284	13:53:07	D	2.80
170	FIROZPUR	MAKHU	AQUA	31.03600	74.82000	14:49:15	D	11.00
171	FIROZPUR	MAMDOT	S-NPP	30.82899	74.40765	13:53:07	D	5.90
172	FIROZPUR	MAMDOT	S-NPP	30.91498	74.43427	13:53:07	D	5.10
173	FIROZPUR	MAMDOT	S-NPP	30.91560	74.46562	13:53:07	D	11.50
174	FIROZPUR	MAMDOT	S-NPP	30.91813	74.46341	13:53:07	D	9.50
175	FIROZPUR	MAMDOT	AQUA	30.76000	74.48000	14:49:15	D	24.60
176	FIROZPUR	MAMDOT	AQUA	30.76300	74.48900	14:49:15	D	26.00
177	FIROZPUR	MAMDOT	AQUA	30.82700	74.36800	14:49:15	D	17.20
178	FIROZPUR	MAMDOT	AQUA	30.85900	74.42100	14:49:15	D	8.90
179	FIROZPUR	MAMDOT	AQUA	30.93800	74.44100	14:49:15	D	19.80
180	FIROZPUR	MAMDOT	AQUA	30.94000	74.45700	14:49:15	D	12.90
181	FIROZPUR	MAMDOT	AQUA	30.94200	74.45100	14:49:15	D	11.60
182	FIROZPUR	ZIRA	S-NPP	30.88687	74.94439	13:53:07	D	3.60
183	FIROZPUR	ZIRA	S-NPP	30.93184	75.01788	13:53:07	D	2.50
184	FIROZPUR	ZIRA	S-NPP	30.94547	74.91510	13:53:07	D	4.00
185	FIROZPUR	ZIRA	S-NPP	30.94952	74.91452	13:53:07	D	2.00
186	FIROZPUR	ZIRA	S-NPP	30.95934	74.81763	13:53:07	D	5.80
187	FIROZPUR	ZIRA	S-NPP	30.97672	75.04969	13:53:07	D	3.10
188	FIROZPUR	ZIRA	S-NPP	30.98114	74.90226	13:53:07	D	2.90
189	FIROZPUR	ZIRA	S-NPP	30.99494	74.80059	13:53:07	D	3.40
190	FIROZPUR	ZIRA	AQUA	30.90800	74.89500	14:49:15	D	10.20

191	FIROZPUR	ZIRA	AQUA	30.91400	74.84200	14:49:15	D	41.40
192	FIROZPUR	ZIRA	AQUA	30.94300	74.90700	14:49:15	D	11.80
193	FIROZPUR	ZIRA	AQUA	31.03100	74.99300	14:49:15	D	11.80
194	GURDASPUR	BATALA	S-NPP	31.80488	75.28304	13:53:07	D	5.30
195	GURDASPUR	BATALA	S-NPP	31.89680	75.13702	13:53:07	D	4.20
196	GURDASPUR	DERA BABA NANAK	S-NPP	31.90096	75.13644	13:53:07	D	8.60
197	GURDASPUR	DERA BABA NANAK	S-NPP	31.95164	75.08563	13:53:07	D	2.60
198	GURDASPUR	DERA BABA NANAK	S-NPP	31.96423	75.04403	13:53:07	D	1.80
199	GURDASPUR	DERA BABA NANAK	S-NPP	32.00792	75.02028	13:53:07	D	5.90
200	GURDASPUR	DERA BABA NANAK	S-NPP	32.02577	75.11080	13:53:07	D	3.40
201	GURDASPUR	DERA BABA NANAK	S-NPP	32.04694	74.97189	13:53:07	D	5.40
202	GURDASPUR	DERA BABA NANAK	S-NPP	32.04872	74.97060	13:53:07	D	4.60
203	GURDASPUR	DHARIWAL	S-NPP	31.89422	75.23589	13:53:07	D	6.70
204	GURDASPUR	DHARIWAL	S-NPP	31.89840	75.23531	13:53:07	D	6.70
205	GURDASPUR	DHARIWAL	AQUA	31.92700	75.18900	14:49:15	D	11.00
206	GURDASPUR	DHARIWAL	AQUA	31.95900	75.27900	14:49:15	D	16.60
207	GURDASPUR	DORANGALA	S-NPP	32.11044	75.39590	13:53:07	D	3.20
208	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.86593	75.00024	13:53:07	D	2.90
209	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.89787	75.06600	13:53:07	D	16.50
210	GURDASPUR	KALANAUR	S-NPP	32.00164	75.16331	13:53:07	D	3.20
211	GURDASPUR	KALANAUR	S-NPP	32.04701	75.19299	13:53:07	D	3.20
212	GURDASPUR	KALANAUR	S-NPP	32.05257	75.16523	13:53:07	D	4.30
213	GURDASPUR	KALANAUR	S-NPP	32.05674	75.16465	13:53:07	D	4.30
214	GURDASPUR	QADIAN	S-NPP	31.75472	75.33314	13:53:07	D	6.40
215	GURDASPUR	QADIAN	S-NPP	31.75617	75.47018	13:53:07	D	4.80
216	GURDASPUR	QADIAN	S-NPP	31.77497	75.32339	13:53:07	D	3.20
217	GURDASPUR	QADIAN	S-NPP	31.79594	75.32050	13:53:07	D	7.60
218	GURDASPUR	QADIAN	S-NPP	31.79612	75.40715	13:53:07	D	2.70
219	GURDASPUR	QADIAN	S-NPP	31.83322	75.31083	13:53:07	D	2.40
220	GURDASPUR	QADIAN	S-NPP	31.83692	75.34670	13:53:07	D	3.00
221	GURDASPUR	QADIAN	AQUA	31.73900	75.32700	14:49:15	D	33.00
222	GURDASPUR	QADIAN	AQUA	31.78600	75.37200	14:49:15	D	11.30
223	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.64637	75.36067	13:53:07	D	2.50

224	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.66409	75.36729	13:53:07	D	11.80
225	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.66470	75.36828	13:53:07	D	12.70
226	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.68731	75.29728	13:53:07	D	10.40
227	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72445	75.32825	13:53:07	D	3.20
228	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.74535	75.49014	13:53:07	D	2.70
229	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.75382	75.48898	13:53:07	D	5.70
230	JALANDHAR	BHOGPUR	S-NPP	31.47480	75.60352	13:53:07	D	2.60
231	JALANDHAR	BHOGPUR	S-NPP	31.47548	75.60210	13:53:07	D	1.90
232	JALANDHAR	BHOGPUR	S-NPP	31.50288	75.66978	13:53:07	D	3.40
233	JALANDHAR	JALANDHAR WEST	S-NPP	31.49131	75.46767	13:53:07	D	5.30
234	JALANDHAR	MEHATPUR	S-NPP	31.00863	75.42403	13:53:07	D	5.90
235	JALANDHAR	MEHATPUR	S-NPP	31.02257	75.43552	13:53:07	D	1.50
236	JALANDHAR	NUR MAHAL	S-NPP	31.00858	75.62733	13:53:07	D	2.70
237	JALANDHAR	NUR MAHAL	S-NPP	31.15469	75.60062	13:53:07	D	3.30
238	JALANDHAR	NUR MAHAL	S-NPP	31.15540	75.59971	13:53:07	D	2.90
239	JALANDHAR	NUR MAHAL	AQUA	30.97900	75.58100	14:49:15	D	12.70
240	JALANDHAR	PHILLAUR	S-NPP	31.05824	75.85787	13:53:07	D	4.50
241	JALANDHAR	PHILLAUR	AQUA	31.03900	75.85900	14:49:15	D	12.50
242	JALANDHAR	PHILLAUR	AQUA	31.06300	75.85600	14:49:15	D	18.40
243	JALANDHAR	SHAHKOT	S-NPP	31.07707	75.34014	13:53:07	D	5.70
244	JALANDHAR	SHAHKOT	S-NPP	31.08817	75.32535	13:53:07	D	3.00
245	KAPURTHALA	DHILWAN	S-NPP	31.46532	75.29500	13:53:07	D	12.40
246	KAPURTHALA	DHILWAN	S-NPP	31.46577	75.29941	13:53:07	D	20.70
247	KAPURTHALA	DHILWAN	S-NPP	31.46994	75.29883	13:53:07	D	20.70
248	KAPURTHALA	DHILWAN	S-NPP	31.47006	75.25870	13:53:07	D	2.60
249	KAPURTHALA	DHILWAN	S-NPP	31.51475	75.44622	13:53:07	D	8.30
250	KAPURTHALA	DHILWAN	AQUA	31.52900	75.40600	14:49:15	D	20.00
251	KAPURTHALA	KAPURTHALA	S-NPP	31.27666	75.28854	13:53:07	D	3.40
252	KAPURTHALA	KAPURTHALA	S-NPP	31.32007	75.26040	13:53:07	D	6.70
253	KAPURTHALA	KAPURTHALA	S-NPP	31.32196	75.31781	13:53:07	D	9.60
254	KAPURTHALA	KAPURTHALA	S-NPP	31.32566	75.31284	13:53:07	D	14.80
255	KAPURTHALA	KAPURTHALA	S-NPP	31.39372	75.26837	13:53:07	D	11.70
256	KAPURTHALA	NADALA	S-NPP	31.50808	75.50661	13:53:07	D	5.20

257	KAPURTHALA	NADALA	S-NPP	31.51567	75.45522	13:53:07	D	5.70
258	KAPURTHALA	NADALA	S-NPP	31.53860	75.47037	13:53:07	D	7.80
259	KAPURTHALA	NADALA	S-NPP	31.56351	75.54524	13:53:07	D	4.00
260	KAPURTHALA	NADALA	S-NPP	31.56676	75.45832	13:53:07	D	11.60
261	KAPURTHALA	NADALA	S-NPP	31.56716	75.45733	13:53:07	D	13.90
262	KAPURTHALA	NADALA	S-NPP	31.57237	75.55897	13:53:07	D	6.60
263	KAPURTHALA	NADALA	S-NPP	31.57389	75.56235	13:53:07	D	6.80
264	KAPURTHALA	NADALA	S-NPP	31.57565	75.46167	13:53:07	D	3.60
265	KAPURTHALA	NADALA	S-NPP	31.57609	75.46620	13:53:07	D	4.20
266	KAPURTHALA	NADALA	S-NPP	31.58378	75.41486	13:53:07	D	4.90
267	KAPURTHALA	NADALA	S-NPP	31.58618	75.52468	13:53:07	D	5.00
268	KAPURTHALA	NADALA	S-NPP	31.58996	75.51955	13:53:07	D	5.00
269	KAPURTHALA	NADALA	S-NPP	31.59192	75.49621	13:53:07	D	6.20
270	KAPURTHALA	NADALA	S-NPP	31.59464	75.52353	13:53:07	D	4.00
271	KAPURTHALA	NADALA	S-NPP	31.61146	75.56295	13:53:07	D	3.50
272	KAPURTHALA	NADALA	S-NPP	31.61571	75.56236	13:53:07	D	3.50
273	KAPURTHALA	NADALA	S-NPP	31.61616	75.56696	13:53:07	D	3.50
274	KAPURTHALA	NADALA	S-NPP	31.62041	75.56637	13:53:07	D	3.50
275	KAPURTHALA	NADALA	S-NPP	31.62203	75.45533	13:53:07	D	10.00
276	KAPURTHALA	NADALA	AQUA	31.57700	75.41800	14:49:15	D	11.40
277	KAPURTHALA	NADALA	AQUA	31.61000	75.56400	14:49:15	D	16.00
278	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.19596	75.14011	13:53:07	D	4.30
279	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.19812	75.19060	02:43:07	N	2.60
280	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.19961	75.13527	13:53:07	D	8.50
281	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.20214	75.19172	02:43:07	N	1.20
282	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.24679	75.24412	13:53:07	D	26.70
283	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.25094	75.24355	13:53:07	D	26.70
284	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.27031	75.22763	13:53:07	D	5.50
285	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.29057	75.22041	13:53:07	D	1.20
286	KAPURTHALA	SULTANPUR LODHI	AQUA	31.16800	75.09200	14:49:15	D	20.10
287	KAPURTHALA	SULTANPUR LODHI	AQUA	31.27300	75.12600	14:49:15	D	12.30
288	LUDHIANA	DEHLON	S-NPP	30.80896	75.88705	13:53:07	D	2.20
289	LUDHIANA	DORAHA	S-NPP	30.62550	76.05055	13:53:07	D	6.50

290	LUDHIANA	DORAHA	S-NPP	30.62597	76.05526	13:53:07	D	9.20
291	LUDHIANA	JAGRAON	S-NPP	30.58455	75.41180	13:53:07	D	4.80
292	LUDHIANA	JAGRAON	S-NPP	30.64937	75.45226	13:53:07	D	2.80
293	LUDHIANA	JAGRAON	S-NPP	30.65588	75.43370	13:53:07	D	2.60
294	LUDHIANA	KHANNA	S-NPP	30.66914	76.04962	13:53:07	D	3.40
295	LUDHIANA	MACHHIWARA	S-NPP	30.88637	76.30743	13:53:07	D	5.40
296	LUDHIANA	MACHHIWARA	S-NPP	30.95543	76.28711	13:53:07	D	7.50
297	LUDHIANA	MACHHIWARA	S-NPP	30.95934	76.28162	13:53:07	D	4.10
298	LUDHIANA	MACHHIWARA	S-NPP	30.97498	76.21519	13:53:07	D	6.70
299	LUDHIANA	MACHHIWARA	S-NPP	30.99911	76.23837	13:53:07	D	4.00
300	LUDHIANA	MACHHIWARA	AQUA	30.95800	76.27400	14:49:15	D	17.40
301	LUDHIANA	MALOD	S-NPP	30.57507	75.93900	13:53:07	D	2.20
302	LUDHIANA	MALOD	S-NPP	30.59268	75.94134	13:53:07	D	2.90
303	LUDHIANA	MALOD	S-NPP	30.64170	75.91138	13:53:07	D	6.40
304	LUDHIANA	PAKHOWAL	S-NPP	30.78323	75.71862	13:53:07	D	6.90
305	LUDHIANA	PAKHOWAL	S-NPP	30.78370	75.72315	13:53:07	D	6.90
306	LUDHIANA	RAIKOT	S-NPP	30.62015	75.66547	13:53:07	D	3.90
307	LUDHIANA	RAIKOT	S-NPP	30.62382	75.61980	13:53:07	D	3.40
308	LUDHIANA	RAIKOT	S-NPP	30.63981	75.69136	13:53:07	D	4.80
309	LUDHIANA	RAIKOT	AQUA	30.73200	75.53100	14:49:15	D	11.80
310	LUDHIANA	SUDHAR	S-NPP	30.79131	75.67171	13:53:07	D	3.60
311	MALERKOTLA	AHMEDGARH	S-NPP	30.56414	75.78716	13:53:07	D	13.60
312	MALERKOTLA	AHMEDGARH	S-NPP	30.60423	75.75879	13:53:07	D	5.90
313	MALERKOTLA	AHMEDGARH	S-NPP	30.60847	75.75822	13:53:07	D	5.90
314	MALERKOTLA	AHMEDGARH	S-NPP	30.65736	75.78065	13:53:07	D	5.30
315	MALERKOTLA	AHMEDGARH	AQUA	30.58800	75.79200	14:49:15	D	18.60
316	MALERKOTLA	AMARGARH	S-NPP	30.43362	76.00221	13:53:07	D	14.20
317	MALERKOTLA	AMARGARH	AQUA	30.44500	76.06100	14:49:15	D	32.00
318	MALERKOTLA	MALERKOTLA	S-NPP	30.46191	75.82764	13:53:07	D	3.50
319	MALERKOTLA	MALERKOTLA	S-NPP	30.55046	75.90951	13:53:07	D	4.00
320	MALERKOTLA	MALERKOTLA	S-NPP	30.56252	75.98773	13:53:07	D	6.40
321	MALERKOTLA	MALERKOTLA	S-NPP	30.57612	75.90608	13:53:07	D	4.50
322	MANSA	BHIKHI	S-NPP	30.07671	75.52193	13:53:07	D	5.60

323	MANSA	BHIKHI	S-NPP	30.07968	75.52110	13:53:07	D	5.20
324	MANSA	BHIKHI	S-NPP	30.09612	75.63308	13:53:07	D	1.70
325	MANSA	BHIKHI	S-NPP	30.12974	75.54525	13:53:07	D	3.80
326	MANSA	BHIKHI	S-NPP	30.13769	75.42234	13:53:07	D	5.50
327	MANSA	BHIKHI	S-NPP	30.16983	75.38847	13:53:07	D	3.30
328	MANSA	BHIKHI	S-NPP	30.17160	75.38746	13:53:07	D	8.30
329	MANSA	BHIKHI	S-NPP	30.17395	75.38791	13:53:07	D	3.30
330	MANSA	BUDHLADA	S-NPP	29.84710	75.42586	13:53:07	D	8.40
331	MANSA	BUDHLADA	S-NPP	29.84728	75.69971	13:53:07	D	6.60
332	MANSA	BUDHLADA	S-NPP	29.90524	75.76485	13:53:07	D	4.10
333	MANSA	BUDHLADA	S-NPP	29.93345	75.62787	13:53:07	D	6.70
334	MANSA	BUDHLADA	S-NPP	29.93392	75.63222	13:53:07	D	6.70
335	MANSA	BUDHLADA	S-NPP	29.94872	75.53390	13:53:07	D	3.20
336	MANSA	BUDHLADA	S-NPP	29.95102	75.51623	13:53:07	D	5.60
337	MANSA	BUDHLADA	S-NPP	29.95791	75.50228	13:53:07	D	14.90
338	MANSA	BUDHLADA	S-NPP	29.96444	75.56226	13:53:07	D	33.50
339	MANSA	BUDHLADA	S-NPP	29.97221	75.51766	13:53:07	D	3.00
340	MANSA	BUDHLADA	S-NPP	29.97793	75.60860	13:53:07	D	3.00
341	MANSA	BUDHLADA	S-NPP	29.97927	75.60934	13:53:07	D	3.10
342	MANSA	BUDHLADA	S-NPP	29.99312	75.62064	13:53:07	D	12.50
343	MANSA	BUDHLADA	S-NPP	30.00011	75.60646	13:53:07	D	3.20
344	MANSA	BUDHLADA	S-NPP	30.06268	75.63763	13:53:07	D	6.60
345	MANSA	BUDHLADA	AQUA	29.80500	75.71700	14:49:15	D	13.00
346	MANSA	BUDHLADA	AQUA	29.80600	75.49700	14:49:15	D	17.10
347	MANSA	BUDHLADA	AQUA	29.88400	75.58800	14:49:15	D	16.90
348	MANSA	JHUNIR	S-NPP	29.77411	75.36799	13:53:07	D	11.10
349	MANSA	JHUNIR	S-NPP	29.81191	75.33312	13:53:07	D	7.50
350	MANSA	JHUNIR	S-NPP	29.82195	75.42509	13:53:07	D	10.90
351	MANSA	JHUNIR	S-NPP	29.91161	75.34586	13:53:07	D	4.20
352	MANSA	JHUNIR	S-NPP	29.92660	75.25520	13:53:07	D	2.50
353	MANSA	JHUNIR	S-NPP	29.94937	75.20229	13:53:07	D	5.60
354	MANSA	JHUNIR	AQUA	29.94400	75.28800	14:49:15	D	12.60
355	MANSA	JHUNIR	AQUA	29.94600	75.29300	14:49:15	D	14.50

356	MANSA	MANSA	S-NPP	29.89971	75.39000	13:53:07	D	5.40
357	MANSA	MANSA	S-NPP	29.91297	75.35838	13:53:07	D	13.40
358	MANSA	MANSA	AQUA	29.94600	75.39900	14:49:15	D	23.60
359	MANSA	MANSA	AQUA	29.95700	75.39800	14:49:15	D	16.70
360	MANSA	MANSA	AQUA	30.03000	75.45400	14:49:15	D	11.20
361	MANSA	SARDULGARH	S-NPP	29.63656	75.31516	13:53:07	D	46.80
362	MANSA	SARDULGARH	S-NPP	29.73536	75.27669	13:53:07	D	1.40
363	MANSA	SARDULGARH	S-NPP	29.77331	75.32169	13:53:07	D	1.90
364	MANSA	SARDULGARH	S-NPP	29.78338	75.26159	13:53:07	D	1.60
365	MANSA	SARDULGARH	AQUA	29.71000	75.21700	14:49:15	D	12.80
366	MANSA	SARDULGARH	AQUA	29.73400	75.33500	14:49:15	D	28.40
367	MANSA	SARDULGARH	AQUA	29.75100	75.28000	14:49:15	D	12.70
368	MANSA	SARDULGARH	AQUA	29.75300	75.29700	14:49:15	D	9.80
369	MOGA	BAGHA PURANA	S-NPP	30.52384	75.00633	13:53:07	D	5.00
370	MOGA	BAGHA PURANA	S-NPP	30.54231	75.02452	13:53:07	D	2.70
371	MOGA	BAGHA PURANA	S-NPP	30.56460	75.08057	13:53:07	D	3.20
372	MOGA	BAGHA PURANA	S-NPP	30.57739	75.04517	13:53:07	D	7.50
373	MOGA	BAGHA PURANA	S-NPP	30.61412	75.19648	13:53:07	D	9.20
374	MOGA	BAGHA PURANA	S-NPP	30.70737	74.95582	13:53:07	D	2.40
375	MOGA	BAGHA PURANA	S-NPP	30.72617	75.05363	13:53:07	D	3.40
376	MOGA	BAGHA PURANA	S-NPP	30.73796	75.00993	13:53:07	D	3.50
377	MOGA	BAGHA PURANA	S-NPP	30.74202	75.00935	13:53:07	D	3.50
378	MOGA	BAGHA PURANA	S-NPP	30.78101	74.95103	13:53:07	D	3.90
379	MOGA	BAGHA PURANA	AQUA	30.73900	74.91400	14:49:15	D	30.30
380	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.90950	75.33529	13:53:07	D	5.70
381	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.91075	75.33563	13:53:07	D	5.30
382	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99655	75.31055	13:53:07	D	2.30
383	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.05619	75.14207	13:53:07	D	3.50
384	MOGA	MOGA 1	S-NPP	30.80711	75.37820	13:53:07	D	1.60
385	MOGA	MOGA 1	S-NPP	30.85476	75.25550	13:53:07	D	22.20
386	MOGA	MOGA 1	AQUA	30.75400	75.17400	14:49:15	D	12.80
387	MOGA	MOGA 1	AQUA	30.75500	75.18000	14:49:15	D	11.60
388	MOGA	MOGA 2	S-NPP	30.74880	75.07153	13:53:07	D	2.50

389	MOGA	MOGA 2	S-NPP	30.76828	75.06033	13:53:07	D	5.90
390	MOGA	MOGA 2	S-NPP	30.78028	75.02231	13:53:07	D	1.80
391	MOGA	MOGA 2	S-NPP	30.83053	74.95231	13:53:07	D	4.20
392	MOGA	MOGA 2	S-NPP	30.86707	74.98479	13:53:07	D	1.80
393	MOGA	MOGA 2	AQUA	30.80700	75.02500	14:49:15	D	11.60
394	MOGA	NIHAL SINGH	S-NPP	30.64174	75.33929	13:53:07	D	3.80
395	MOGA	NIHAL SINGH	S-NPP	30.69128	75.25437	13:53:07	D	1.40
396	MOGA	NIHAL SINGH	AQUA	30.60100	75.35100	14:49:15	D	65.90
397	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.20343	74.70047	13:53:07	D	10.80
398	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.22550	74.60857	13:53:07	D	11.70
399	MUKTSAR	MALOUT	S-NPP	30.27150	74.48497	13:53:07	D	3.50
400	MUKTSAR	MALOUT	S-NPP	30.33558	74.45600	13:53:07	D	1.80
401	MUKTSAR	MUKTSAR	S-NPP	30.43776	74.41515	13:53:07	D	20.10
402	MUKTSAR	MUKTSAR	S-NPP	30.46646	74.45735	13:53:07	D	11.30
403	MUKTSAR	MUKTSAR	S-NPP	30.54247	74.64489	13:53:07	D	4.00
404	MUKTSAR	MUKTSAR	S-NPP	30.55469	74.46573	13:53:07	D	5.70
405	MUKTSAR	MUKTSAR	S-NPP	30.61847	74.54822	13:53:07	D	20.80
406	PATHANKOT	NAROT JAIMAL SINGH	S-NPP	32.21565	75.34179	13:53:07	D	4.40
407	PATIALA	BHUNARHERI	S-NPP	30.20867	76.49661	13:53:07	D	4.30
408	PATIALA	BHUNARHERI	S-NPP	30.21812	76.41116	13:53:07	D	7.50
409	PATIALA	BHUNARHERI	AQUA	30.14800	76.49700	14:49:15	D	14.20
410	PATIALA	GHANAUR	S-NPP	30.35530	76.54013	13:53:07	D	6.00
411	PATIALA	GHANAUR	S-NPP	30.35875	76.52963	13:53:07	D	4.40
412	PATIALA	GHANAUR	S-NPP	30.38039	76.52187	13:53:07	D	10.30
413	PATIALA	GHANAUR	AQUA	30.31800	76.63600	14:49:15	D	32.10
414	PATIALA	NABHA	S-NPP	30.34304	76.00951	13:53:07	D	5.30
415	PATIALA	NABHA	S-NPP	30.34518	76.00705	13:53:07	D	4.00
416	PATIALA	NABHA	S-NPP	30.40808	76.22500	13:53:07	D	5.10
417	PATIALA	NABHA	S-NPP	30.44817	76.18598	13:53:07	D	2.80
418	PATIALA	NABHA	S-NPP	30.49440	76.15275	13:53:07	D	3.30
419	PATIALA	NABHA	S-NPP	30.53717	76.31750	13:53:07	D	19.40
420	PATIALA	NABHA	AQUA	30.34600	76.09900	14:49:15	D	18.10
421	PATIALA	NABHA	AQUA	30.41400	76.12500	14:49:15	D	33.70

422	PATIALA	PATIALA	S-NPP	30.31546	76.31719	13:53:07	D	3.20
423	PATIALA	PATIALA	S-NPP	30.36780	76.26658	13:53:07	D	14.20
424	PATIALA	PATIALA	S-NPP	30.36829	76.26904	13:53:07	D	11.40
425	PATIALA	PATIALA	S-NPP	30.39666	76.33376	13:53:07	D	14.20
426	PATIALA	PATIALA	S-NPP	30.42218	76.45929	13:53:07	D	11.40
427	PATIALA	PATRAN	S-NPP	29.85941	76.19173	13:53:07	D	7.90
428	PATIALA	PATRAN	S-NPP	29.90152	76.09229	13:53:07	D	8.90
429	PATIALA	PATRAN	S-NPP	29.96372	76.12848	13:53:07	D	22.40
430	PATIALA	PATRAN	AQUA	29.83700	76.17600	14:49:15	D	24.90
431	PATIALA	RAJPURA	S-NPP	30.46379	76.61047	13:53:07	D	3.10
432	PATIALA	SAMANA	S-NPP	30.01826	76.19221	13:53:07	D	2.10
433	PATIALA	SAMANA	S-NPP	30.07001	76.21083	13:53:07	D	4.90
434	PATIALA	SAMANA	S-NPP	30.11421	76.08662	13:53:07	D	14.40
435	PATIALA	SANAUR	S-NPP	30.18161	76.40114	13:53:07	D	5.40
436	PATIALA	SANAUR	S-NPP	30.28565	76.37495	13:53:07	D	3.30
437	PATIALA	SANAUR	S-NPP	30.28736	76.43891	13:53:07	D	2.90
438	PATIALA	SANAUR	S-NPP	30.28796	76.44174	13:53:07	D	3.50
439	PATIALA	SANAUR	S-NPP	30.29176	76.43834	13:53:07	D	6.40
440	PATIALA	SHAMBU KALAN	S-NPP	30.04330	76.16205	13:53:07	D	4.90
441	PATIALA	SHAMBU KALAN	S-NPP	30.04376	76.16673	13:53:07	D	4.90
442	PATIALA	SHAMBU KALAN	S-NPP	30.04604	76.16486	13:53:07	D	8.30
443	PATIALA	SHAMBU KALAN	S-NPP	30.50050	76.49148	13:53:07	D	32.40
444	PATIALA	SHAMBU KALAN	S-NPP	30.50172	76.49426	13:53:07	D	16.00
445	PATIALA	SHAMBU KALAN	S-NPP	30.50886	76.60991	13:53:07	D	5.20
446	PATIALA	SHAMBU KALAN	S-NPP	30.51625	76.59369	13:53:07	D	1.90
447	RUPNAGAR	MORINDA	S-NPP	30.82191	76.54613	13:53:07	D	2.70
448	SANGRUR	ANDANA	S-NPP	29.75148	75.88603	13:53:07	D	32.10
449	SANGRUR	ANDANA	S-NPP	29.78904	75.87648	13:53:07	D	2.10
450	SANGRUR	ANDANA	S-NPP	29.84764	76.11811	13:53:07	D	5.80
451	SANGRUR	BHAWANIGARH	S-NPP	30.15916	76.03949	13:53:07	D	48.60
452	SANGRUR	BHAWANIGARH	S-NPP	30.19060	76.04939	13:53:07	D	5.80
453	SANGRUR	BHAWANIGARH	S-NPP	30.20678	75.95398	13:53:07	D	15.70
454	SANGRUR	BHAWANIGARH	S-NPP	30.20726	75.95854	13:53:07	D	15.70

455	SANGRUR	BHAWANIGARH	S-NPP	30.20777	76.04713	13:53:07	D	5.30
456	SANGRUR	BHAWANIGARH	S-NPP	30.22964	76.00677	13:53:07	D	2.40
457	SANGRUR	BHAWANIGARH	S-NPP	30.23068	76.05819	13:53:07	D	16.70
458	SANGRUR	BHAWANIGARH	S-NPP	30.29827	76.18874	13:53:07	D	4.70
459	SANGRUR	BHAWANIGARH	S-NPP	30.30029	76.12156	13:53:07	D	5.50
460	SANGRUR	BHAWANIGARH	AQUA	30.19500	75.98600	14:49:15	D	17.70
461	SANGRUR	BHAWANIGARH	AQUA	30.20000	75.97100	14:49:15	D	39.20
462	SANGRUR	BHAWANIGARH	AQUA	30.24200	76.09900	14:49:15	D	14.20
463	SANGRUR	BHAWANIGARH	AQUA	30.30900	75.96400	14:49:15	D	24.70
464	SANGRUR	DHURI	S-NPP	30.30936	75.83107	13:53:07	D	3.00
465	SANGRUR	DHURI	S-NPP	30.32576	75.78323	13:53:07	D	17.90
466	SANGRUR	DHURI	S-NPP	30.33202	75.81166	13:53:07	D	5.00
467	SANGRUR	DHURI	S-NPP	30.33399	75.78855	13:53:07	D	12.90
468	SANGRUR	DHURI	S-NPP	30.35138	75.79076	13:53:07	D	5.40
469	SANGRUR	DHURI	S-NPP	30.39320	75.90480	13:53:07	D	12.30
470	SANGRUR	DHURI	AQUA	30.32700	75.78600	14:49:15	D	18.90
471	SANGRUR	DHURI	AQUA	30.39300	75.90800	14:49:15	D	15.90
472	SANGRUR	DHURI	AQUA	30.43100	75.92300	14:49:15	D	12.20
473	SANGRUR	DIRBA	S-NPP	29.98623	75.96730	13:53:07	D	6.50
474	SANGRUR	DIRBA	S-NPP	30.03170	75.95796	13:53:07	D	3.80
475	SANGRUR	DIRBA	S-NPP	30.03884	75.94318	13:53:07	D	16.00
476	SANGRUR	DIRBA	S-NPP	30.07574	75.92444	13:53:07	D	2.40
477	SANGRUR	DIRBA	S-NPP	30.12008	75.95165	13:53:07	D	1.70
478	SANGRUR	DIRBA	S-NPP	30.13189	76.07127	13:53:07	D	2.30
479	SANGRUR	DIRBA	S-NPP	30.13472	76.07452	13:53:07	D	3.10
480	SANGRUR	DIRBA	S-NPP	30.17109	76.02853	13:53:07	D	2.80
481	SANGRUR	LEHRA GAGA	S-NPP	29.88977	75.77854	13:53:07	D	2.20
482	SANGRUR	LEHRA GAGA	S-NPP	29.88977	75.78038	13:53:07	D	3.40
483	SANGRUR	LEHRA GAGA	S-NPP	29.89461	75.86343	13:53:07	D	3.60
484	SANGRUR	LEHRA GAGA	S-NPP	29.91082	75.90408	13:53:07	D	3.40
485	SANGRUR	LEHRA GAGA	S-NPP	29.94452	75.73270	13:53:07	D	4.10
486	SANGRUR	LEHRA GAGA	S-NPP	29.94457	75.65280	13:53:07	D	3.30
487	SANGRUR	LEHRA GAGA	S-NPP	29.94966	75.70084	13:53:07	D	3.00

488	SANGRUR	LEHRA GAGA	S-NPP	29.95123	75.96275	13:53:07	D	1.70
489	SANGRUR	LEHRA GAGA	S-NPP	29.99035	75.80273	13:53:07	D	3.40
490	SANGRUR	LEHRA GAGA	S-NPP	30.02061	75.89061	13:53:07	D	3.60
491	SANGRUR	SANGRUR	S-NPP	30.16211	75.65125	13:53:07	D	5.30
492	SANGRUR	SANGRUR	S-NPP	30.17228	75.87106	13:53:07	D	5.80
493	SANGRUR	SANGRUR	S-NPP	30.19728	75.86312	13:53:07	D	68.90
494	SANGRUR	SANGRUR	S-NPP	30.19859	75.75385	13:53:07	D	9.20
495	SANGRUR	SANGRUR	S-NPP	30.22282	75.90103	13:53:07	D	3.90
496	SANGRUR	SANGRUR	S-NPP	30.22617	75.90199	13:53:07	D	7.10
497	SANGRUR	SANGRUR	S-NPP	30.24091	75.70876	13:53:07	D	2.60
498	SANGRUR	SANGRUR	S-NPP	30.26531	75.94765	13:53:07	D	8.30
499	SANGRUR	SANGRUR	S-NPP	30.28666	75.94480	13:53:07	D	8.50
500	SANGRUR	SANGRUR	S-NPP	30.28905	75.92591	13:53:07	D	11.00
501	SANGRUR	SANGRUR	AQUA	30.26700	75.91000	14:49:15	D	31.90
502	SANGRUR	SANGRUR	AQUA	30.26900	75.92900	14:49:15	D	34.40
503	SANGRUR	SANGRUR	AQUA	30.27200	75.91700	14:49:15	D	49.60
504	SANGRUR	SHER PUR	S-NPP	30.30854	75.70586	13:53:07	D	2.00
505	SANGRUR	SHER PUR	S-NPP	30.39698	75.69384	13:53:07	D	5.30
506	SANGRUR	SHER PUR	S-NPP	30.39745	75.69829	13:53:07	D	5.30
507	SANGRUR	SHER PUR	S-NPP	30.43991	75.78011	13:53:07	D	5.60
508	SANGRUR	SUNAM	S-NPP	30.01622	75.80490	13:53:07	D	8.10
509	SANGRUR	SUNAM	S-NPP	30.03425	75.89792	13:53:07	D	6.00
510	SANGRUR	SUNAM	S-NPP	30.04200	75.80592	13:53:07	D	6.10
511	SANGRUR	SUNAM	S-NPP	30.05455	75.88605	13:53:07	D	2.20
512	SANGRUR	SUNAM	S-NPP	30.05931	75.84892	13:53:07	D	2.80
513	SANGRUR	SUNAM	S-NPP	30.06451	75.81645	13:53:07	D	12.90
514	SANGRUR	SUNAM	S-NPP	30.06497	75.82092	13:53:07	D	12.90
515	SANGRUR	SUNAM	S-NPP	30.07338	75.65832	13:53:07	D	3.50
516	SANGRUR	SUNAM	S-NPP	30.07437	75.78799	13:53:07	D	18.80
517	SANGRUR	SUNAM	S-NPP	30.07906	75.87360	13:53:07	D	2.10
518	SANGRUR	SUNAM	S-NPP	30.10136	75.72205	13:53:07	D	6.00
519	SANGRUR	SUNAM	S-NPP	30.10144	75.72139	13:53:07	D	6.70
520	SANGRUR	SUNAM	S-NPP	30.10258	75.65049	13:53:07	D	7.20

521	SANGRUR	SUNAM	S-NPP	30.16253	75.73619	13:53:07	D	1.60
522	SANGRUR	SUNAM	S-NPP	30.16768	75.74450	13:53:07	D	7.30
523	SANGRUR	SUNAM	AQUA	30.07600	75.81200	14:49:15	D	18.50
524	SANGRUR	SUNAM	AQUA	30.07800	75.80000	14:49:15	D	21.00
525	SANGRUR	SUNAM	AQUA	30.10000	75.69500	14:49:15	D	47.80
526	SANGRUR	SUNAM	AQUA	30.10200	75.71400	14:49:15	D	91.70
527	SBS NAGAR	NAWAN SHAHR	S-NPP	31.09459	76.17156	13:53:07	D	6.50
528	SBS NAGAR	NAWAN SHAHR	S-NPP	31.09939	76.13162	13:53:07	D	1.70
529	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23883	74.96823	13:53:07	D	3.70
530	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24978	74.91582	13:53:07	D	0.70
531	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26063	74.90158	13:53:07	D	6.80
532	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26235	75.03322	13:53:07	D	4.40
533	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26740	74.92599	13:53:07	D	16.00
534	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26785	74.93016	13:53:07	D	16.00
535	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27144	75.04051	13:53:07	D	4.70
536	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27373	75.02303	13:53:07	D	5.10
537	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27418	75.02727	13:53:07	D	15.70
538	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27916	74.92008	13:53:07	D	7.50
539	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27962	74.92426	13:53:07	D	10.00
540	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28512	75.09039	13:53:07	D	2.90
541	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29603	75.03705	13:53:07	D	5.40
542	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29879	75.06248	13:53:07	D	7.50
543	TARN TARAN	CHOHLA SAHIB	S-NPP	31.31559	75.00023	13:53:07	D	4.60
544	TARN TARAN	CHOHLA SAHIB	AQUA	31.26200	75.02000	14:49:15	D	11.90
545	TARN TARAN	CHOHLA SAHIB	AQUA	31.26400	74.92400	14:49:15	D	20.30
546	TARN TARAN	CHOHLA SAHIB	AQUA	31.29600	75.00800	14:49:15	D	15.90
547	TARN TARAN	GANDIWIND TATLA	S-NPP	31.43135	74.65636	13:53:07	D	4.00
548	TARN TARAN	GANDIWIND TATLA	S-NPP	31.53508	74.82092	13:53:07	D	2.80
549	TARN TARAN	GANDIWIND TATLA	S-NPP	31.53914	74.82033	13:53:07	D	3.40
550	TARN TARAN	KHADUR SAHIB	S-NPP	31.42358	75.13280	13:53:07	D	15.70
551	TARN TARAN	KHADUR SAHIB	S-NPP	31.42771	75.13222	13:53:07	D	15.70
552	TARN TARAN	KHADUR SAHIB	S-NPP	31.43519	75.18306	13:53:07	D	2.40
553	TARN TARAN	KHADUR SAHIB	S-NPP	31.43713	75.18363	13:53:07	D	2.20

554	TARN TARAN	KHADUR SAHIB	S-NPP	31.44582	75.06435	13:53:07	D	3.10
555	TARN TARAN	KHADUR SAHIB	S-NPP	31.44993	75.06377	13:53:07	D	6.60
556	TARN TARAN	KHADUR SAHIB	AQUA	31.50200	75.02100	14:49:15	D	31.20
557	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.38015	74.94408	13:53:07	D	1.20
558	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.40519	75.02187	13:53:07	D	16.20
559	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.32100	74.91600	14:49:15	D	12.10
560	TARN TARAN	PATTI	S-NPP	31.15459	74.83570	13:53:07	D	1.90
561	TARN TARAN	PATTI	S-NPP	31.20267	74.82182	13:53:07	D	9.80
562	TARN TARAN	PATTI	S-NPP	31.20671	74.82123	13:53:07	D	9.80
563	TARN TARAN	PATTI	S-NPP	31.22076	74.76100	13:53:07	D	3.30
564	TARN TARAN	PATTI	S-NPP	31.22120	74.76508	13:53:07	D	7.20
565	TARN TARAN	PATTI	S-NPP	31.22837	74.75575	13:53:07	D	5.20
566	TARN TARAN	PATTI	S-NPP	31.23763	74.87959	13:53:07	D	2.60
567	TARN TARAN	PATTI	S-NPP	31.24170	74.87901	13:53:07	D	26.70
568	TARN TARAN	PATTI	S-NPP	31.25031	74.73190	13:53:07	D	3.90
569	TARN TARAN	PATTI	S-NPP	31.26871	74.78728	13:53:07	D	3.20
570	TARN TARAN	PATTI	AQUA	31.22900	74.81400	14:49:15	D	17.60
571	TARN TARAN	PATTI	AQUA	31.24400	74.72000	14:49:15	D	14.10
572	TARN TARAN	TARN TARAN	S-NPP	31.42407	74.89581	13:53:07	D	10.70
573	TARN TARAN	TARN TARAN	S-NPP	31.43029	74.76022	13:53:07	D	3.50
574	TARN TARAN	TARN TARAN	S-NPP	31.46081	74.77671	13:53:07	D	7.90
575	TARN TARAN	TARN TARAN	S-NPP	31.50018	74.98751	13:53:07	D	7.70
576	TARN TARAN	TARN TARAN	S-NPP	31.51206	75.02032	13:53:07	D	19.50
577	TARN TARAN	TARN TARAN	S-NPP	31.51616	75.01974	13:53:07	D	19.50
578	TARN TARAN	TARN TARAN	AQUA	31.42600	74.84400	14:49:15	D	21.70
579	TARN TARAN	TARN TARAN	AQUA	31.44700	74.81600	14:49:15	D	16.00
580	TARN TARAN	VALTOHA	S-NPP	31.09316	74.57307	13:53:07	D	4.60
581	TARN TARAN	VALTOHA	S-NPP	31.10230	74.73148	13:53:07	D	4.70
582	TARN TARAN	VALTOHA	S-NPP	31.12368	74.55644	13:53:07	D	4.40
583	TARN TARAN	VALTOHA	S-NPP	31.15034	74.64977	13:53:07	D	10.50
584	TARN TARAN	VALTOHA	S-NPP	31.15166	74.64879	13:53:07	D	11.10
585	TARN TARAN	VALTOHA	AQUA	31.14900	74.69500	14:49:15	D	10.00
586	TARN TARAN	VALTOHA	AQUA	31.15000	74.70600	14:49:15	D	18.80

587	TARN TARAN	VALTOHA	AQUA	31.15000	74.71200	14:49:15	D	12.40
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Details of residue burning events in Haryana on 01-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBALA	AMBALA-I	S-NPP	30.40345	76.75392	13:53:07	D	5.00
2	FARIDABAD	BALLABGARH	S-NPP	28.27422	77.47781	13:53:07	D	7.50
3	FATEHABAD	BHATTU KALAN	AQUA	29.49100	75.31100	14:49:15	D	9.50
4	FATEHABAD	BHUNA	S-NPP	29.47759	75.63422	13:53:07	D	1.50
5	FATEHABAD	BHUNA	S-NPP	29.63061	75.71013	13:53:07	D	3.30
6	FATEHABAD	JAKHAL	S-NPP	29.72168	75.76463	13:53:07	D	6.20
7	FATEHABAD	JAKHAL	S-NPP	29.72593	75.72416	13:53:07	D	2.80
8	FATEHABAD	JAKHAL	S-NPP	29.74449	75.81949	13:53:07	D	2.20
9	FATEHABAD	JAKHAL	S-NPP	29.77567	75.71297	13:53:07	D	3.50
10	FATEHABAD	JAKHAL	S-NPP	29.79843	75.71967	13:53:07	D	3.60
11	FATEHABAD	JAKHAL	S-NPP	29.80261	75.71911	13:53:07	D	7.90
12	FATEHABAD	JAKHAL	S-NPP	29.81316	75.77997	13:53:07	D	4.30
13	FATEHABAD	RATIA	S-NPP	29.74540	75.59000	13:53:07	D	2.70
14	HISAR	NARNAUND	S-NPP	29.20051	76.12645	13:53:07	D	1.60
15	JIND	NARWANA	S-NPP	29.67652	75.98150	13:53:07	D	5.00
16	JIND	NARWANA	S-NPP	29.69395	75.95269	13:53:07	D	12.00
17	KAITHAL	GUHLA	S-NPP	30.17722	76.40170	13:53:07	D	16.30
18	KAITHAL	GUHLA	S-NPP	30.17742	76.40025	13:53:07	D	14.60
19	KAITHAL	GUHLA	AQUA	29.96000	76.25400	14:49:15	D	14.20
20	KAITHAL	GUHLA	AQUA	29.98700	76.27100	14:49:15	D	38.90
21	KAITHAL	KAITHAL	S-NPP	29.83414	76.34597	13:53:07	D	15.20
22	KAITHAL	KAITHAL	AQUA	29.89200	76.52500	14:49:15	D	22.20
23	KAITHAL	KAITHAL	AQUA	29.89300	76.51900	14:49:15	D	20.70
24	KAITHAL	PUNDRI	S-NPP	29.81318	76.66814	13:53:07	D	1.90
25	KARNAL	CHIRAO	S-NPP	29.73416	76.85397	13:53:07	D	2.60
26	KURUKSHETRA	ISMAILABAD	S-NPP	30.06888	76.73747	13:53:07	D	6.30
27	KURUKSHETRA	PEHOWA	S-NPP	29.90809	76.54839	13:53:07	D	2.70
28	KURUKSHETRA	PEHOWA	S-NPP	29.94287	76.53898	13:53:07	D	4.10
29	PALWAL	HODAL	S-NPP	27.90613	77.44868	13:53:07	D	6.60
30	PALWAL	HODAL	S-NPP	27.90757	77.41735	13:53:07	D	5.40
31	PALWAL	HODAL	S-NPP	27.96058	77.43890	13:53:07	D	6.70
32	PANIPAT	SAMALKHA	S-NPP	29.23652	77.11034	13:53:07	D	3.50

33	SIRSA	BARAGUNDA	S-NPP	29.71979	75.17061	13:53:07	D	5.20
34	SIRSA	BARAGUNDA	S-NPP	29.72002	75.17097	13:53:07	D	4.50
35	SIRSA	ODHAN	AQUA	29.85300	74.94800	14:49:15	D	10.50

Details of residue burning events in Uttar Pradesh on 01-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AGRA	KURAUJI	S-NPP	27.09719	77.71818	02:43:07	N	0.30
2	ALIGARH	KOL	S-NPP	27.83430	78.29819	13:53:07	D	4.00
3	BAHRAICH	NANPARA	S-NPP	27.80474	81.60488	12:13:33	D	4.20
4	BULANDSAHAR	SHIKARPUR	S-NPP	28.14750	78.08447	02:43:07	N	0.20
5	FATEHPUR	FATEHPUR	S-NPP	25.82704	80.80827	13:53:07	D	1.70
6	FATEHPUR	FATEHPUR	S-NPP	25.83704	80.79558	13:53:07	D	1.80
7	FATEHPUR	FATEHPUR	S-NPP	25.89078	80.65102	13:53:07	D	2.60
8	FATEHPUR	FATEHPUR	S-NPP	25.89111	80.65482	13:53:07	D	2.60
9	FATEHPUR	FATEHPUR	S-NPP	25.89177	80.64976	13:53:07	D	2.80
10	FATEHPUR	FATEHPUR	S-NPP	25.89208	80.65356	13:53:07	D	2.80
11	GAUTAMBUDHNAGAR	JEVAR	S-NPP	28.12835	77.59854	02:43:07	N	0.50
12	GAUTAMBUDHNAGAR	JEVAR	S-NPP	28.12909	77.59534	02:43:07	N	1.40
13	GAUTAMBUDHNAGAR	JEVAR	S-NPP	28.23865	77.63447	13:53:07	D	2.50
14	HARDOI	BILGRAM	S-NPP	27.05654	80.17675	13:53:07	D	2.50
15	HARDOI	BILGRAM	S-NPP	27.11580	80.00758	13:53:07	D	2.80
16	HARDOI	BILGRAM	S-NPP	27.11729	80.00892	13:53:07	D	3.00
17	HARDOI	HARDOI	S-NPP	27.50156	80.19750	13:53:07	D	3.20
18	JHANSI	MOTH	S-NPP	25.64010	78.89208	13:53:07	D	16.90
19	JHANSI	MOTH	S-NPP	25.64384	78.89539	13:53:07	D	10.70
20	JHANSI	MOTH	S-NPP	25.80215	78.88077	13:53:07	D	12.60
21	JHANSI	MOTH	AQUA	25.93900	78.99300	14:49:15	D	23.90
22	KANNAUJ	CHHIBRAMAU	S-NPP	27.12398	79.48380	13:53:07	D	3.50
23	KANNAUJ	TIRWA	S-NPP	26.91053	79.69884	13:53:07	D	1.40
24	KANNAUJ	TIRWA	S-NPP	26.93411	79.55257	13:53:07	D	2.30
25	KANNAUJ	TIRWA	S-NPP	26.94647	79.51746	13:53:07	D	1.10
26	KANPUR	GHATAMPUR	S-NPP	26.22065	80.40127	13:53:07	D	2.20

27	KANPUR DEHAT	AKBARPUR	S-NPP	26.45872	80.08902	13:53:07	D	1.90
28	KANPUR DEHAT	BHOGANIPUR	S-NPP	26.27491	79.98377	13:53:07	D	2.50
29	KANPUR DEHAT	RASULABAD	S-NPP	26.71437	79.75305	13:53:07	D	2.20
30	KANPUR DEHAT	SIKANDRA	S-NPP	26.38715	79.69417	13:53:07	D	10.00
31	KAUSHAMBI	MANJHANPUR	S-NPP	25.39047	81.29344	13:53:07	D	1.40
32	KAUSHAMBI	MANJHANPUR	S-NPP	25.42893	81.37775	13:53:07	D	3.80
33	KAUSHAMBI	MANJHANPUR	S-NPP	25.44194	81.32627	13:53:07	D	7.00
34	KAUSHAMBI	MANJHANPUR	S-NPP	25.48500	81.29727	13:53:07	D	6.00
35	KAUSHAMBI	SIRATHU	S-NPP	25.64490	81.23169	13:53:07	D	2.90
36	LUCKNOW	MOHANLAL GANJ	S-NPP	26.67426	81.09083	13:53:07	D	2.00
37	LUCKNOW	MOHANLAL GANJ	S-NPP	26.70512	81.19812	13:53:07	D	2.30
38	MAINPURI	BHOGAON	S-NPP	27.13443	79.09196	13:53:07	D	5.80
39	MAINPURI	MAINPURI	S-NPP	27.14822	78.90739	13:53:07	D	7.50
40	MATHURA	CHHATA	S-NPP	27.60818	77.52375	13:53:07	D	3.30
41	MATHURA	CHHATA	S-NPP	27.65908	77.56705	13:53:07	D	7.80
42	MATHURA	CHHATA	S-NPP	27.70624	77.39523	13:53:07	D	10.60
43	MATHURA	CHHATA	S-NPP	27.70744	77.39820	13:53:07	D	6.20
44	MATHURA	CHHATA	S-NPP	27.72790	77.46797	13:53:07	D	3.00
45	MATHURA	CHHATA	S-NPP	27.74607	77.46575	13:53:07	D	4.40
46	MATHURA	CHHATA	S-NPP	27.86371	77.43828	13:53:07	D	3.50
47	MATHURA	MATHURA	S-NPP	27.47768	77.46540	13:53:07	D	1.00
48	MUZAFARNAGAR	BUDHANA	S-NPP	29.37147	77.50548	13:53:07	D	3.50
49	MUZAFARNAGAR	JANSATH	S-NPP	29.46391	77.88167	13:53:07	D	4.90
50	MUZAFARNAGAR	JANSATH	S-NPP	29.46410	77.88487	13:53:07	D	3.60
51	PILHIBHIT	PILHIBHIT	S-NPP	28.82992	79.67937	13:53:07	D	2.40
52	PILHIBHIT	PURANPUR	S-NPP	28.64456	80.01205	01:02:50	N	0.60
53	RAIBEARELI	LALGANJ	S-NPP	26.32675	80.89487	13:53:07	D	1.50
54	RAIBEARELI	RAEBARELI	S-NPP	26.29412	81.17426	13:53:07	D	3.40
55	RAIBEARELI	RAEBARELI	S-NPP	26.33145	81.07513	13:53:07	D	2.10
56	RAMPUR	BILASPUR	S-NPP	28.89627	79.19945	13:53:07	D	3.30
57	RAMPUR	BILASPUR	S-NPP	28.95259	79.23338	13:53:07	D	1.90
58	RAMPUR	MILAK	S-NPP	28.73745	79.18446	13:53:07	D	1.30
59	RAMPUR	TANDA	S-NPP	29.12989	78.97750	13:53:07	D	3.90
60	RAMPUR	TANDA	S-NPP	29.13273	78.97529	13:53:07	D	5.10

61	SAMBHAL	SAMBHAL	S-NPP	28.59593	78.51864	13:53:07	D	4.60
62	SHAHJAHANPUR	JALALABAD	S-NPP	27.65450	79.50529	13:53:07	D	4.40
63	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.85150	80.04460	13:53:07	D	4.00
64	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.90787	80.00903	13:53:07	D	3.60
65	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.68699	77.42762	13:53:07	D	6.40
66	SITAPUR	MAHMUDABAD	S-NPP	27.31913	81.21124	13:53:07	D	2.80
67	UNNAO	HASANGANJ	S-NPP	26.64233	80.74591	13:53:07	D	3.70

Details of residue burning events in Rajasthan on 01-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARAN	BARAN	S-NPP	25.21562	76.50779	13:53:07	D	2.00
2	BARAN	CHHABRA	S-NPP	24.63065	76.81723	13:53:07	D	3.10
3	BARAN	CHHABRA	S-NPP	24.66431	76.96243	13:53:07	D	4.90
4	BARAN	KISHANGUNJ	S-NPP	25.22446	76.66180	13:53:07	D	3.50
5	BARAN	MANGROL	S-NPP	25.31521	76.33482	13:53:07	D	18.90
6	BARAN	MANGROL	S-NPP	25.31896	76.47813	13:53:07	D	5.20
7	BARAN	SHAHBAD	S-NPP	25.13327	76.96150	13:53:07	D	3.30
8	BUNDI	BUNDI	S-NPP	25.29584	75.83775	13:53:07	D	2.90
9	BUNDI	BUNDI	S-NPP	25.29661	75.80905	13:53:07	D	3.70
10	BUNDI	BUNDI	S-NPP	25.31207	75.85487	13:53:07	D	3.10
11	BUNDI	BUNDI	S-NPP	25.31371	75.85246	13:53:07	D	4.00
12	BUNDI	BUNDI	S-NPP	25.31605	75.85432	13:53:07	D	3.10
13	BUNDI	BUNDI	S-NPP	25.31769	75.85190	13:53:07	D	4.00
14	BUNDI	BUNDI	S-NPP	25.32467	75.66925	13:53:07	D	5.60
15	BUNDI	BUNDI	S-NPP	25.38945	75.84188	13:53:07	D	8.00
16	BUNDI	BUNDI	S-NPP	25.44651	75.76274	13:53:07	D	6.20
17	BUNDI	BUNDI	AQUA	25.33000	75.68000	14:49:15	D	12.50
18	BUNDI	INDRAGARH	AQUA	25.49300	76.13200	14:49:15	D	32.70
19	BUNDI	KESHORAIPATAN	S-NPP	25.24619	75.98543	13:53:07	D	9.50
20	BUNDI	KESHORAIPATAN	S-NPP	25.41087	76.05746	13:53:07	D	2.50
21	BUNDI	KESHORAIPATAN	S-NPP	25.48090	76.05933	13:53:07	D	6.70
22	BUNDI	KESHORAIPATAN	AQUA	25.39000	76.02000	14:49:15	D	21.60

23	GANGANAGAR	GANGANAGAR	S-NPP	29.86474	73.73207	13:53:07	D	4.70
24	GANGANAGAR	KARANPUR	S-NPP	29.97101	73.52753	13:53:07	D	3.30
25	GANGANAGAR	SURATGARH	S-NPP	29.46973	73.89011	13:53:07	D	5.20
26	GANGANAGAR	VIJAY NAGAR	S-NPP	29.22762	73.53185	13:53:07	D	4.40
27	GANGANAGAR	VIJAY NAGAR	S-NPP	29.23131	73.53127	13:53:07	D	4.40
28	GANGANAGAR	VIJAY NAGAR	AQUA	29.19000	73.49500	14:49:15	D	8.80
29	HANUMANGARH	HANUMANGARH	S-NPP	29.58865	74.30991	13:53:07	D	5.80
30	HANUMANGARH	HANUMANGARH	S-NPP	29.65468	74.32552	13:53:07	D	2.00
31	HANUMANGARH	PILIBANGA	S-NPP	29.40162	74.02547	13:53:07	D	6.60
32	HANUMANGARH	PILIBANGA	S-NPP	29.51373	74.10225	13:53:07	D	2.50
33	HANUMANGARH	PILIBANGA	AQUA	29.41800	74.03800	14:49:15	D	8.60
34	HANUMANGARH	SANGHRIYA	S-NPP	29.71386	74.36134	13:53:07	D	3.60
35	HANUMANGARH	SANGHRIYA	AQUA	29.94100	74.47400	14:49:15	D	8.10
36	HANUMANGARH	TIBI	S-NPP	29.47447	74.55408	13:53:07	D	2.40
37	HANUMANGARH	TIBI	S-NPP	29.48616	74.55234	13:53:07	D	2.50
38	HANUMANGARH	TIBI	S-NPP	29.49006	74.55177	13:53:07	D	2.50
39	HANUMANGARH	TIBI	S-NPP	29.49396	74.55118	13:53:07	D	7.70
40	HANUMANGARH	TIBI	S-NPP	29.51735	74.58192	13:53:07	D	4.90
41	HANUMANGARH	TIBI	S-NPP	29.52970	74.55158	13:53:07	D	6.60
42	HANUMANGARH	TIBI	S-NPP	29.53267	74.50894	13:53:07	D	6.60
43	HANUMANGARH	TIBI	S-NPP	29.57167	74.46918	13:53:07	D	11.90
44	HANUMANGARH	TIBI	AQUA	29.53700	74.47200	14:49:15	D	12.50
45	JHALAWAR	KHANPUR	S-NPP	24.56433	76.35069	13:53:07	D	7.30
46	JHALAWAR	KHANPUR	S-NPP	24.77186	76.29579	13:53:07	D	4.40
47	KOTA	DIGOD	S-NPP	25.18180	76.13981	13:53:07	D	2.60
48	KOTA	DIGOD	S-NPP	25.19129	76.18609	13:53:07	D	8.50
49	KOTA	DIGOD	S-NPP	25.20392	76.18833	13:53:07	D	2.40
50	KOTA	DIGOD	S-NPP	25.20457	76.05408	13:53:07	D	7.40
51	KOTA	DIGOD	S-NPP	25.24216	76.05717	13:53:07	D	1.50
52	KOTA	DIGOD	S-NPP	25.24619	76.05661	13:53:07	D	4.30
53	KOTA	LADPURA	S-NPP	25.19384	75.79697	02:43:07	N	1.10
54	KOTA	LADPURA	S-NPP	25.20543	75.99266	13:53:07	D	5.90
55	KOTA	LADPURA	AQUA	25.25600	75.94800	14:49:15	D	17.20
56	KOTA	PIPALDA	S-NPP	25.44277	76.40385	13:53:07	D	2.50

57	KOTA	PIPALDA	S-NPP	25.44690	76.40331	13:53:07	D	2.50
58	KOTA	PIPALDA	S-NPP	25.45127	76.51513	13:53:07	D	13.50
59	KOTA	PIPALDA	S-NPP	25.48002	76.54494	13:53:07	D	3.10
60	KOTA	PIPALDA	S-NPP	25.48179	76.52367	13:53:07	D	7.70
61	KOTA	PIPALDA	S-NPP	25.48227	76.52780	13:53:07	D	7.70
62	KOTA	PIPALDA	S-NPP	25.51345	76.38210	13:53:07	D	4.70
63	KOTA	PIPALDA	S-NPP	25.54339	76.49874	13:53:07	D	4.70
64	KOTA	PIPALDA	S-NPP	25.76115	76.49657	13:53:07	D	10.50
65	SWAIMADHOPUR	KHANDAR	S-NPP	25.86859	76.53807	13:53:07	D	3.80
66	SWAIMADHOPUR	KHANDAR	S-NPP	25.98835	76.69547	13:53:07	D	2.70
67	SWAIMADHOPUR	KHANDAR	AQUA	25.88300	76.54700	14:49:15	D	13.50
68	SWAIMADHOPUR	KHANDAR	AQUA	25.88400	76.48700	14:49:15	D	22.70

Details of residue burning events in Madhya Pradesh on 01-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.40816	77.69600	13:53:07	D	2.30
2	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.43788	77.64297	13:53:07	D	1.70
3	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.52891	77.82336	13:53:07	D	5.00
4	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.54981	77.65356	13:53:07	D	2.40
5	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.55057	77.65235	13:53:07	D	1.40
6	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.59356	77.52117	13:53:07	D	3.10
7	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.59369	77.56316	13:53:07	D	2.60
8	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.60434	77.53853	13:53:07	D	7.00
9	ASHOKNAGAR	CHANDERI	S-NPP	24.56961	77.93250	13:53:07	D	3.80
10	ASHOKNAGAR	CHANDERI	S-NPP	24.57797	78.02438	13:53:07	D	4.60
11	ASHOKNAGAR	CHANDERI	S-NPP	24.57861	78.02089	13:53:07	D	3.00
12	ASHOKNAGAR	CHANDERI	S-NPP	24.64705	77.93275	13:53:07	D	14.50
13	ASHOKNAGAR	CHANDERI	S-NPP	24.70125	78.01128	13:53:07	D	13.10
14	ASHOKNAGAR	CHANDERI	S-NPP	24.70229	78.00859	13:53:07	D	13.30
15	ASHOKNAGAR	ISAGARH	S-NPP	24.68810	77.87069	13:53:07	D	3.50
16	ASHOKNAGAR	ISAGARH	S-NPP	24.69258	77.87011	13:53:07	D	3.50
17	ASHOKNAGAR	ISAGARH	S-NPP	24.78000	77.64723	13:53:07	D	4.00
18	ASHOKNAGAR	ISAGARH	S-NPP	24.87932	77.61875	13:53:07	D	5.60
19	ASHOKNAGAR	MUNGAOLI	S-NPP	24.31796	78.05671	13:53:07	D	4.20
20	ASHOKNAGAR	MUNGAOLI	S-NPP	24.36912	77.98096	13:53:07	D	2.50
21	ASHOKNAGAR	MUNGAOLI	S-NPP	24.37082	77.98232	13:53:07	D	3.50
22	ASHOKNAGAR	MUNGAOLI	S-NPP	24.37596	77.96037	13:53:07	D	4.20
23	ASHOKNAGAR	MUNGAOLI	S-NPP	24.38880	77.98003	13:53:07	D	3.40
24	ASHOKNAGAR	MUNGAOLI	S-NPP	24.48979	77.83796	13:53:07	D	5.10
25	ASHOKNAGAR	MUNGAOLI	S-NPP	24.49627	77.85656	13:53:07	D	3.40
26	ASHOKNAGAR	MUNGAOLI	S-NPP	24.55569	77.90321	13:53:07	D	4.40
27	BETUL	MULTAI	S-NPP	21.83438	78.44719	13:53:07	D	4.50
28	BHIND	GOHAD	S-NPP	26.42065	78.33562	13:53:07	D	3.20
29	BHIND	GOHAD	S-NPP	26.43635	78.36281	13:53:07	D	3.10

30	BHIND	LAHAR	S-NPP	25.97197	78.90005	13:53:07	D	3.60
31	BHIND	LAHAR	S-NPP	26.01100	78.79494	13:53:07	D	10.60
32	BHIND	LAHAR	S-NPP	26.07572	78.82102	13:53:07	D	7.90
33	BHIND	LAHAR	S-NPP	26.07627	78.82689	13:53:07	D	12.00
34	BHIND	LAHAR	S-NPP	26.08819	78.84931	13:53:07	D	8.90
35	BHIND	LAHAR	S-NPP	26.09567	78.82468	13:53:07	D	1.90
36	BHOPAL	HUZUR	S-NPP	23.09993	77.41393	13:53:07	D	1.80
37	BHOPAL	HUZUR	S-NPP	23.10420	77.41339	13:53:07	D	1.80
38	BHOPAL	HUZUR	S-NPP	23.11821	77.45968	13:53:07	D	8.20
39	DAMOH	JABERA	S-NPP	23.61032	79.81248	13:53:07	D	3.70
40	DAMOH	JABERA	S-NPP	23.63658	79.82201	13:53:07	D	4.60
41	DATIA	BHANDER	S-NPP	25.84060	78.63000	13:53:07	D	5.70
42	DATIA	BHANDER	S-NPP	25.84114	78.63566	13:53:07	D	6.10
43	DATIA	DATIA	S-NPP	25.56750	78.55579	13:53:07	D	3.90
44	DATIA	DATIA	S-NPP	25.58597	78.64388	13:53:07	D	4.70
45	DATIA	SEONDHA	S-NPP	25.80088	78.47886	13:53:07	D	2.90
46	DATIA	SEONDHA	S-NPP	25.82039	78.62324	13:53:07	D	7.30
47	DATIA	SEONDHA	S-NPP	25.82042	78.62091	13:53:07	D	5.10
48	DATIA	SEONDHA	S-NPP	25.82830	78.55189	13:53:07	D	6.40
49	DATIA	SEONDHA	S-NPP	25.90876	78.49185	13:53:07	D	8.80
50	DATIA	SEONDHA	S-NPP	25.91880	78.49628	13:53:07	D	7.70
51	DATIA	SEONDHA	S-NPP	25.91918	78.49473	13:53:07	D	9.90
52	DATIA	SEONDHA	S-NPP	25.93715	78.53217	13:53:07	D	3.10
53	DATIA	SEONDHA	S-NPP	26.02007	78.68875	13:53:07	D	3.80
54	DATIA	SEONDHA	S-NPP	26.02467	78.69193	13:53:07	D	4.30
55	DATIA	SEONDHA	S-NPP	26.02488	78.68820	13:53:07	D	5.00
56	DATIA	SEONDHA	S-NPP	26.07187	78.78014	13:53:07	D	2.40
57	DATIA	SEONDHA	S-NPP	26.07384	78.69792	13:53:07	D	9.60
58	DEWAS	KANNOD	S-NPP	22.68949	76.57868	02:43:07	N	0.80
59	DEWAS	KANNOD	S-NPP	22.69025	76.57523	02:43:07	N	0.80
60	EAST NIMAR	KHANDWA	S-NPP	21.67547	76.38286	13:53:07	D	4.40
61	GUNA	ARON	S-NPP	24.35428	77.44659	13:53:07	D	2.20
62	GUNA	ARON	S-NPP	24.36930	77.46298	13:53:07	D	4.70

63	GUNA	ARON	S-NPP	24.38083	77.44772	13:53:07	D	1.80
64	GUNA	GUNA	S-NPP	24.66547	77.44401	13:53:07	D	6.10
65	GUNA	GUNA	S-NPP	24.71332	77.51720	13:53:07	D	3.80
66	GUNA	GUNA	S-NPP	24.76435	77.01929	13:53:07	D	1.80
67	GUNA	GUNA	S-NPP	24.80401	77.45544	13:53:07	D	3.40
68	GUNA	GUNA	S-NPP	24.81446	77.51048	13:53:07	D	5.20
69	GUNA	GUNA	S-NPP	24.81915	77.47227	13:53:07	D	2.90
70	GUNA	GUNA	S-NPP	24.83080	77.49432	02:43:07	N	0.60
71	GUNA	GUNA	S-NPP	24.83390	77.49254	02:43:07	N	0.90
72	GUNA	GUNA	S-NPP	24.86519	77.15833	13:53:07	D	10.10
73	GUNA	GUNA	S-NPP	25.03626	77.00887	13:53:07	D	4.00
74	GUNA	GUNA	S-NPP	25.03674	77.01321	13:53:07	D	4.00
75	GUNA	GUNA	S-NPP	25.04053	77.00829	13:53:07	D	6.20
76	GUNA	GUNA	S-NPP	25.04100	77.01265	13:53:07	D	6.20
77	GUNA	GUNA	S-NPP	25.05331	77.00661	13:53:07	D	8.90
78	GUNA	GUNA	S-NPP	25.05757	77.00604	13:53:07	D	9.30
79	GUNA	GUNA	S-NPP	25.10419	77.19187	13:53:07	D	5.20
80	GUNA	GUNA	AQUA	24.62600	77.41500	14:49:15	D	23.60
81	GUNA	GUNA	AQUA	25.05000	77.00400	14:49:15	D	30.10
82	GUNA	KUMBHRAJ	S-NPP	24.49526	77.06132	13:53:07	D	3.80
83	GWALIOR	BHITARWAR	S-NPP	25.83253	78.16123	13:53:07	D	3.50
84	GWALIOR	BHITARWAR	S-NPP	25.90363	78.09227	13:53:07	D	9.40
85	GWALIOR	BHITARWAR	S-NPP	25.95293	78.20943	13:53:07	D	4.10
86	GWALIOR	DABRA	S-NPP	25.82075	78.18404	13:53:07	D	4.20
87	GWALIOR	DABRA	S-NPP	25.89448	78.18957	13:53:07	D	2.10
88	GWALIOR	DABRA	S-NPP	25.91164	78.26868	13:53:07	D	11.40
89	GWALIOR	GWALIOR	S-NPP	26.30730	78.11340	13:53:07	D	2.60
90	HOSHANGABAD	BABAI	S-NPP	22.66713	77.95052	13:53:07	D	7.80
91	HOSHANGABAD	BABAI	S-NPP	22.66763	77.95507	13:53:07	D	11.00
92	HOSHANGABAD	BABAI	S-NPP	22.66790	77.95424	13:53:07	D	6.50
93	HOSHANGABAD	BABAI	S-NPP	22.69417	77.87347	13:53:07	D	7.50
94	HOSHANGABAD	BABAI	S-NPP	22.69785	77.94657	13:53:07	D	1.60
95	HOSHANGABAD	BABAI	S-NPP	22.71673	77.91650	13:53:07	D	6.40

96	HOSHANGABAD	BABAI	S-NPP	22.73244	77.93751	13:53:07	D	6.10
97	HOSHANGABAD	BABAI	S-NPP	22.73965	77.84494	13:53:07	D	4.10
98	HOSHANGABAD	BABAI	S-NPP	22.74588	77.97749	13:53:07	D	3.10
99	HOSHANGABAD	BABAI	S-NPP	22.75273	77.84325	13:53:07	D	3.90
100	HOSHANGABAD	BABAI	S-NPP	22.75449	77.82027	13:53:07	D	2.60
101	HOSHANGABAD	BABAI	S-NPP	22.75550	77.82140	13:53:07	D	4.10
102	HOSHANGABAD	BABAI	S-NPP	22.76673	77.88397	13:53:07	D	2.70
103	HOSHANGABAD	BABAI	S-NPP	22.76728	77.92999	13:53:07	D	1.50
104	HOSHANGABAD	BABAI	S-NPP	22.77111	77.88341	13:53:07	D	8.10
105	HOSHANGABAD	BABAI	S-NPP	22.77160	77.88794	13:53:07	D	14.10
106	HOSHANGABAD	BABAI	S-NPP	22.77209	77.89246	13:53:07	D	14.10
107	HOSHANGABAD	BABAI	S-NPP	22.80511	77.86990	13:53:07	D	4.90
108	HOSHANGABAD	BABAI	S-NPP	22.81334	77.86427	13:53:07	D	6.30
109	HOSHANGABAD	BANKHERI	S-NPP	22.83932	78.56527	13:53:07	D	8.60
110	HOSHANGABAD	BANKHERI	S-NPP	22.83959	78.56797	13:53:07	D	6.80
111	HOSHANGABAD	BANKHERI	S-NPP	22.86308	78.52693	13:53:07	D	2.90
112	HOSHANGABAD	BANKHERI	S-NPP	22.86764	78.52637	13:53:07	D	6.30
113	HOSHANGABAD	BANKHERI	S-NPP	22.87678	78.52527	13:53:07	D	4.60
114	HOSHANGABAD	HOSHANGABAD	S-NPP	22.58604	77.62655	13:53:07	D	2.00
115	HOSHANGABAD	HOSHANGABAD	S-NPP	22.64013	77.66428	13:53:07	D	3.40
116	HOSHANGABAD	HOSHANGABAD	S-NPP	22.65382	77.82845	13:53:07	D	5.60
117	HOSHANGABAD	HOSHANGABAD	S-NPP	22.65589	77.64893	13:53:07	D	3.40
118	HOSHANGABAD	HOSHANGABAD	S-NPP	22.66107	77.61739	13:53:07	D	5.90
119	HOSHANGABAD	HOSHANGABAD	S-NPP	22.66450	77.64783	13:53:07	D	2.50
120	HOSHANGABAD	HOSHANGABAD	S-NPP	22.67199	77.59840	13:53:07	D	6.70
121	HOSHANGABAD	HOSHANGABAD	S-NPP	22.67628	77.59788	13:53:07	D	8.30
122	HOSHANGABAD	HOSHANGABAD	S-NPP	22.67677	77.60220	13:53:07	D	7.10
123	HOSHANGABAD	HOSHANGABAD	S-NPP	22.68436	77.70750	13:53:07	D	3.70
124	HOSHANGABAD	HOSHANGABAD	S-NPP	22.68684	77.61409	13:53:07	D	4.40
125	HOSHANGABAD	HOSHANGABAD	S-NPP	22.70144	77.66529	13:53:07	D	3.70
126	HOSHANGABAD	ITARSI	S-NPP	22.52454	77.66085	13:53:07	D	2.40
127	HOSHANGABAD	ITARSI	S-NPP	22.53834	77.62823	13:53:07	D	7.80
128	HOSHANGABAD	ITARSI	S-NPP	22.59378	77.84887	13:53:07	D	3.30

129	HOSHANGABAD	ITARSI	S-NPP	22.61942	77.84116	13:53:07	D	2.10
130	HOSHANGABAD	ITARSI	S-NPP	22.62121	77.81828	13:53:07	D	3.30
131	HOSHANGABAD	ITARSI	S-NPP	22.62734	77.79491	13:53:07	D	5.40
132	HOSHANGABAD	ITARSI	S-NPP	22.63168	77.79438	13:53:07	D	5.40
133	HOSHANGABAD	ITARSI	S-NPP	22.65321	77.82787	13:53:07	D	6.50
134	HOSHANGABAD	ITARSI	S-NPP	22.65719	77.81893	13:53:07	D	7.20
135	HOSHANGABAD	ITARSI	S-NPP	22.65768	77.82342	13:53:07	D	7.20
136	HOSHANGABAD	PIPARIYA	S-NPP	22.82298	78.32297	13:53:07	D	2.50
137	HOSHANGABAD	SEONI MALWA	S-NPP	22.36874	77.41067	13:53:07	D	4.00
138	HOSHANGABAD	SEONI MALWA	S-NPP	22.42344	77.33215	13:53:07	D	3.20
139	HOSHANGABAD	SEONI MALWA	S-NPP	22.43521	77.50923	13:53:07	D	3.90
140	HOSHANGABAD	SEONI MALWA	S-NPP	22.52389	77.49963	13:53:07	D	3.10
141	HOSHANGABAD	SEONI MALWA	S-NPP	22.52423	77.42655	13:53:07	D	4.80
142	HOSHANGABAD	SEONI MALWA	S-NPP	22.54109	77.57536	13:53:07	D	5.30
143	HOSHANGABAD	SEONI MALWA	S-NPP	22.54721	77.55284	13:53:07	D	6.90
144	HOSHANGABAD	SEONI MALWA	S-NPP	22.56626	77.56780	13:53:07	D	7.70
145	HOSHANGABAD	SEONI MALWA	S-NPP	22.58049	77.46643	13:53:07	D	2.70
146	HOSHANGABAD	SEONI MALWA	S-NPP	22.59148	77.48659	13:53:07	D	1.30
147	HOSHANGABAD	SEONI MALWA	S-NPP	22.60249	77.50671	13:53:07	D	5.30
148	HOSHANGABAD	SEONI MALWA	S-NPP	22.60529	77.50665	13:53:07	D	3.10
149	HOSHANGABAD	SOHAGPUR	S-NPP	22.73797	78.22941	13:53:07	D	1.50
150	JABALPUR	JABALPUR	S-NPP	22.87956	79.82572	13:53:07	D	4.00
151	JABALPUR	JABALPUR	S-NPP	23.17816	79.83014	13:53:07	D	8.40
152	JABALPUR	JABALPUR	S-NPP	23.28350	79.87999	13:53:07	D	8.80
153	JABALPUR	JABALPUR	S-NPP	23.28432	79.88068	13:53:07	D	5.20
154	JABALPUR	MAJHOULI	S-NPP	23.45870	79.85882	13:53:07	D	6.90
155	JABALPUR	PATAN	S-NPP	23.18679	79.81859	13:53:07	D	2.70
156	JABALPUR	PATAN	S-NPP	23.33595	79.74391	13:53:07	D	2.90
157	JABALPUR	SAHPURA	S-NPP	23.17744	79.82580	13:53:07	D	12.90
158	JABALPUR	SIHORA	S-NPP	23.38046	80.19791	13:53:07	D	1.60
159	JABALPUR	SIHORA	S-NPP	23.42315	80.26295	13:53:07	D	2.70
160	JABALPUR	SIHORA	S-NPP	23.42506	80.26128	13:53:07	D	2.60
161	KATNI	DHIMERKHEDA	S-NPP	23.36396	80.35269	13:53:07	D	1.00

162	KATNI	DHIMERKHEDA	S-NPP	23.47812	80.38314	13:53:07	D	2.40
163	MORENA	JORA	S-NPP	26.44181	77.83102	13:53:07	D	0.90
164	MORENA	KAILARAS	S-NPP	26.27816	77.54214	13:53:07	D	3.90
165	NARSHIMAPURA	GADARWARA	S-NPP	22.81560	78.68852	13:53:07	D	4.90
166	RAISEN	GOHARGANJ	S-NPP	22.95848	77.52697	13:53:07	D	3.00
167	RAISEN	GOHARGANJ	S-NPP	23.00385	77.54331	13:53:07	D	7.70
168	RAISEN	GOHARGANJ	S-NPP	23.04169	77.49438	13:53:07	D	8.30
169	RAISEN	GOHARGANJ	S-NPP	23.04412	77.49565	13:53:07	D	6.50
170	RAISEN	GOHARGANJ	S-NPP	23.09256	77.46302	13:53:07	D	5.40
171	RAISEN	GOHARGANJ	S-NPP	23.23428	77.61434	13:53:07	D	3.60
172	RAISEN	RAISEN	S-NPP	23.23188	77.82909	13:53:07	D	3.60
173	RAISEN	RAISEN	S-NPP	23.49448	77.75411	13:53:07	D	3.10
174	SATNA	RAGURAJNAGAR	S-NPP	24.66684	80.61639	13:53:07	D	1.90
175	SATNA	UCHAHAR	S-NPP	24.45413	80.84749	13:53:07	D	2.60
176	SEHORE	BUDHNI	S-NPP	22.66433	77.45580	13:53:07	D	3.80
177	SEHORE	BUDHNI	S-NPP	22.69381	77.48650	13:53:07	D	2.50
178	SEHORE	BUDHNI	S-NPP	22.76231	77.60526	13:53:07	D	4.90
179	SEHORE	BUDHNI	S-NPP	22.82690	77.94567	13:53:07	D	2.20
180	SEHORE	BUDHNI	S-NPP	22.83130	77.94511	13:53:07	D	5.80
181	SEHORE	BUDHNI	AQUA	22.71800	77.48200	14:49:15	D	31.90
182	SEONI	GHANSAUR	S-NPP	22.42676	79.65855	13:53:07	D	4.20
183	SEONI	GHANSAUR	S-NPP	22.42909	79.66138	13:53:07	D	9.40
184	SEONI	KEWLARI	S-NPP	22.25512	79.84523	13:53:07	D	14.40
185	SEONI	KEWLARI	S-NPP	22.28409	79.88428	13:53:07	D	21.70
186	SEONI	KEWLARI	S-NPP	22.29405	79.83494	13:53:07	D	10.70
187	SEONI	KEWLARI	S-NPP	22.29716	79.81667	13:53:07	D	5.40
188	SEONI	KEWLARI	S-NPP	22.29777	79.82259	13:53:07	D	5.40
189	SEONI	KEWLARI	S-NPP	22.33752	79.80538	13:53:07	D	6.30
190	SEONI	KEWLARI	S-NPP	22.34091	79.80558	13:53:07	D	8.50
191	SEONI	KEWLARI	S-NPP	22.34720	79.85264	13:53:07	D	3.90
192	SEONI	KEWLARI	S-NPP	22.36708	80.00299	13:53:07	D	7.20
193	SEONI	KURAI	S-NPP	21.98012	79.51834	13:53:07	D	4.40
194	SEONI	KURAI	S-NPP	21.98108	79.51537	13:53:07	D	5.10

195	SEONI	SEONI	S-NPP	22.07171	79.50792	13:53:07	D	4.10
196	SEONI	SEONI	S-NPP	22.19623	79.70304	13:53:07	D	2.90
197	SEONI	SEONI	S-NPP	22.27998	79.74689	13:53:07	D	4.50
198	SEONI	SEONI	S-NPP	22.30947	79.79120	13:53:07	D	15.90
199	SEONI	SEONI	S-NPP	22.31113	79.79048	13:53:07	D	10.80
200	SHEOPUR	KARAHAL	S-NPP	25.46608	76.79893	13:53:07	D	6.40
201	SHEOPUR	KARAHAL	S-NPP	25.46655	76.80323	13:53:07	D	6.40
202	SHEOPUR	KARAHAL	S-NPP	25.46703	76.80752	13:53:07	D	4.90
203	SHEOPUR	KARAHAL	S-NPP	25.49329	76.77374	13:53:07	D	3.10
204	SHEOPUR	KARAHAL	S-NPP	25.49367	76.73917	13:53:07	D	5.90
205	SHEOPUR	KARAHAL	S-NPP	25.54155	76.75053	13:53:07	D	6.10
206	SHEOPUR	KARAHAL	S-NPP	25.54202	76.75481	13:53:07	D	10.70
207	SHEOPUR	SHEOPUR	S-NPP	25.58275	76.69762	13:53:07	D	4.40
208	SHEOPUR	SHEOPUR	S-NPP	25.58936	76.71835	13:53:07	D	10.60
209	SHEOPUR	SHEOPUR	S-NPP	25.58983	76.72261	13:53:07	D	14.40
210	SHEOPUR	SHEOPUR	S-NPP	25.60152	76.71243	13:53:07	D	7.90
211	SHEOPUR	SHEOPUR	S-NPP	25.61253	76.65919	13:53:07	D	5.80
212	SHEOPUR	SHEOPUR	S-NPP	25.61262	76.65560	13:53:07	D	3.30
213	SHEOPUR	SHEOPUR	S-NPP	25.65461	76.57317	13:53:07	D	7.70
214	SHEOPUR	SHEOPUR	S-NPP	25.66485	76.58881	13:53:07	D	5.60
215	SHEOPUR	SHEOPUR	S-NPP	25.69404	76.54671	13:53:07	D	4.50
216	SHEOPUR	SHEOPUR	S-NPP	25.69499	76.55508	13:53:07	D	5.20
217	SHEOPUR	SHEOPUR	S-NPP	25.69917	76.55453	13:53:07	D	7.60
218	SHEOPUR	SHEOPUR	S-NPP	25.76032	76.64182	13:53:07	D	8.50
219	SHEOPUR	SHEOPUR	S-NPP	25.76079	76.64610	13:53:07	D	8.50
220	SHEOPUR	SHEOPUR	S-NPP	25.80527	76.66183	13:53:07	D	21.80
221	SHEOPUR	SHEOPUR	S-NPP	25.85687	76.78260	13:53:07	D	2.10
222	SHIVPURI	KOLARAS	S-NPP	24.88316	77.52805	13:53:07	D	6.20
223	SHIVPURI	KOLARAS	S-NPP	25.05084	77.51768	13:53:07	D	6.10
224	SHIVPURI	KOLARAS	S-NPP	25.05525	77.51715	13:53:07	D	6.10
225	VIDESHA	KORWAI	S-NPP	24.07884	77.94025	13:53:07	D	6.90
226	VIDESHA	KORWAI	S-NPP	24.16253	77.89709	13:53:07	D	4.20

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	Both
2.	JPSS 1 (NOAA 20)	VIIRS	375	Both
3.	JPSS 2 (NOAA 21)	VIIRS	375	Both
4.	Aqua	MODIS	1000	Both

**The rice mask for the Punjab and Haryana were provided by MNCFC, MoA&FW, Govt of India
The kharif crop mask for Delhi, Uttar Pradesh, Rajasthan and Madhya Pradesh were provided by NRSC**

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GIS Maps of fire events can be visualized online on ICAR KRISHI Geoportal website: <http://geoportal.icar.gov.in:8080/geoexplorer/composer/>
(Part of KRISHI Portal: <https://krishi.icar.gov.in> initiative)

The DASHBOARD for paddy residue burning events is available at weblink: [CREAMS Fire Dashboard](#)
