

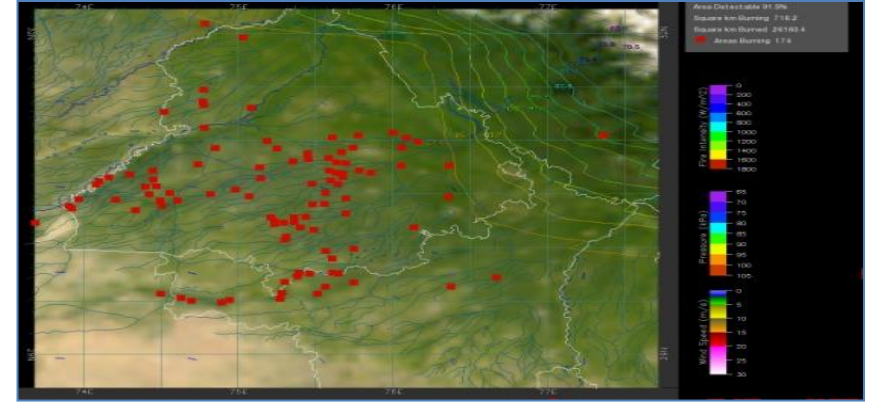
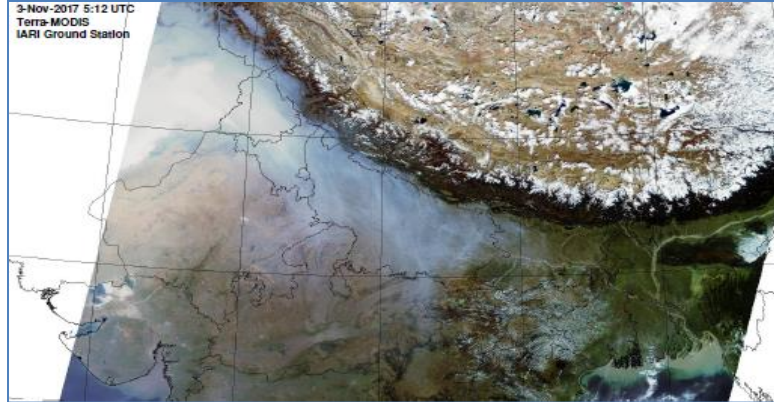


# MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2024

**Bulletin  
No. 52**

**Events Date:  
05-Nov-2024**

**Issued on:  
06-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**

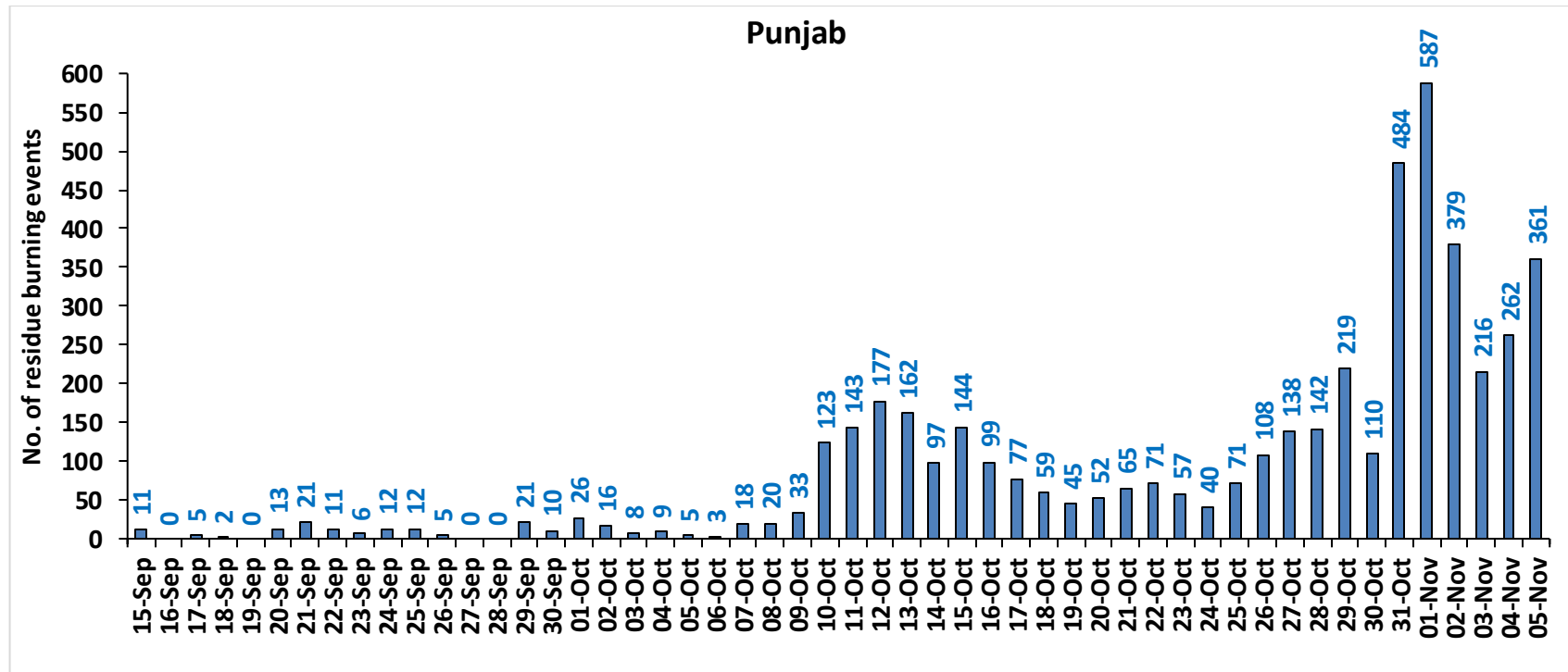
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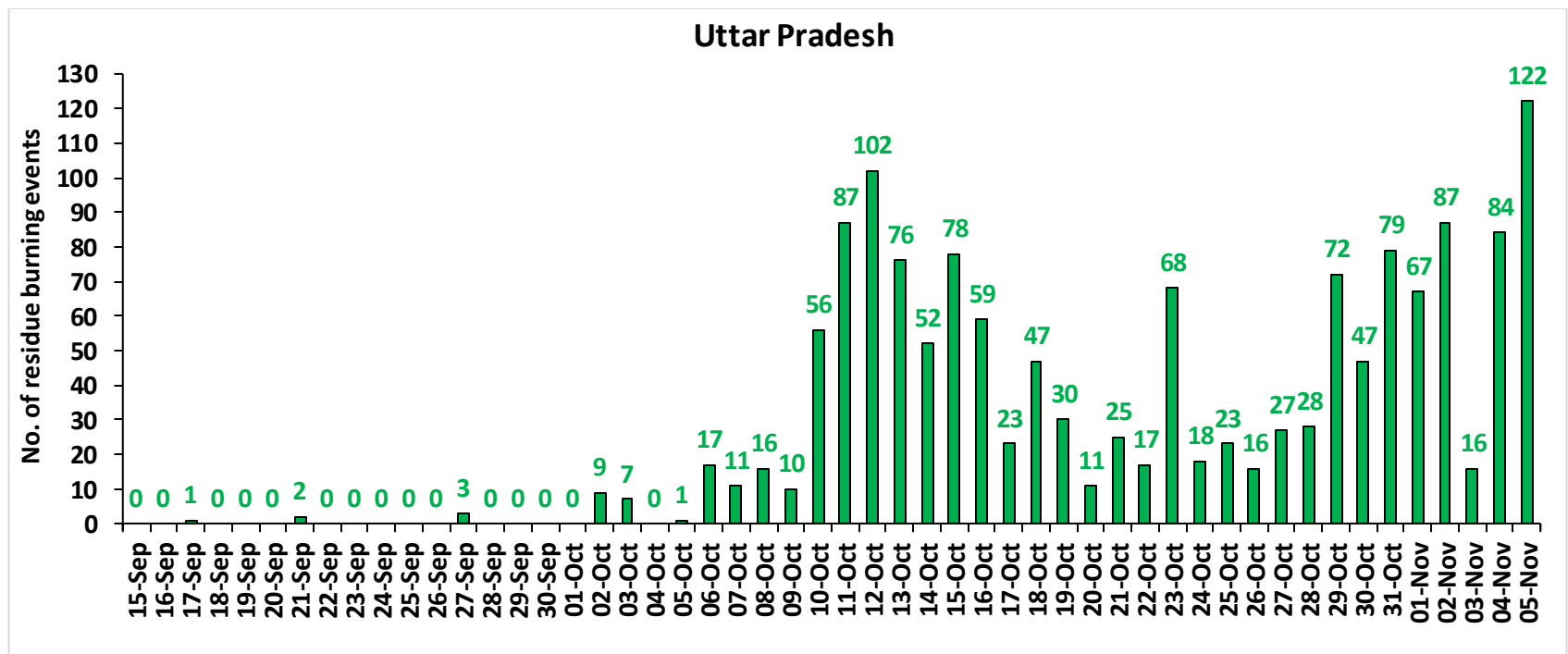
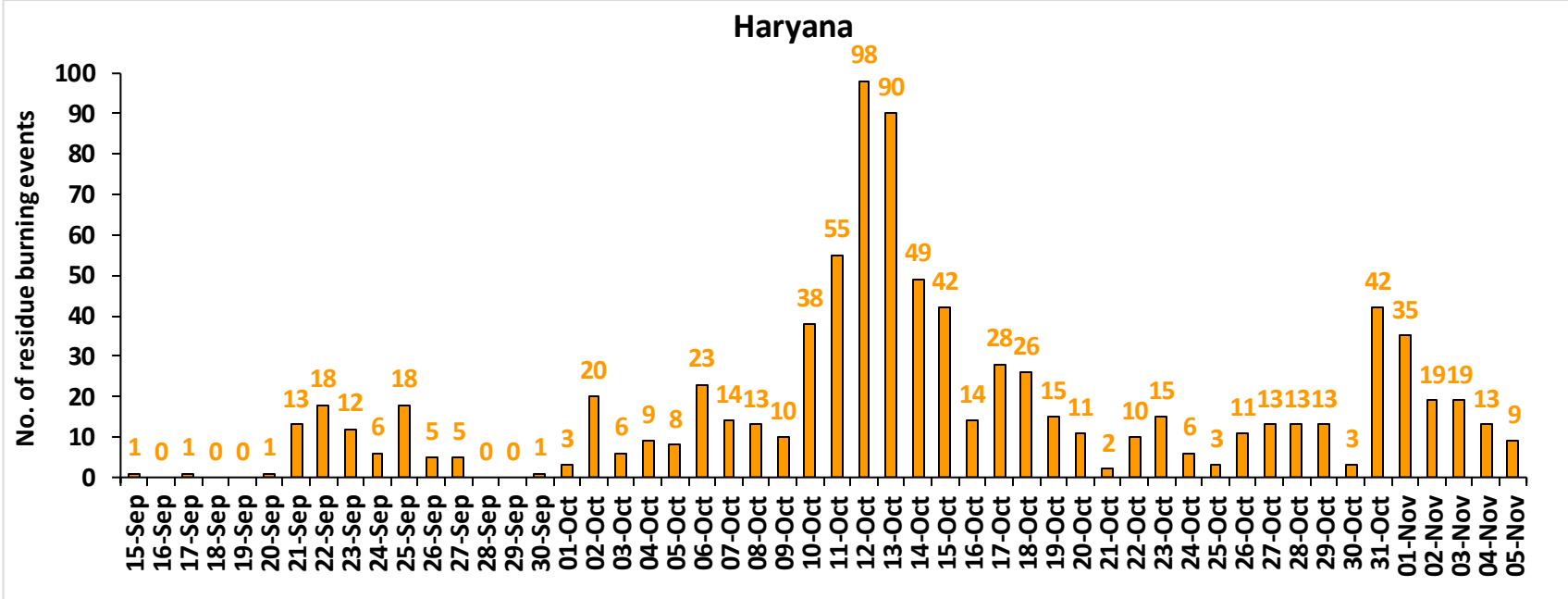


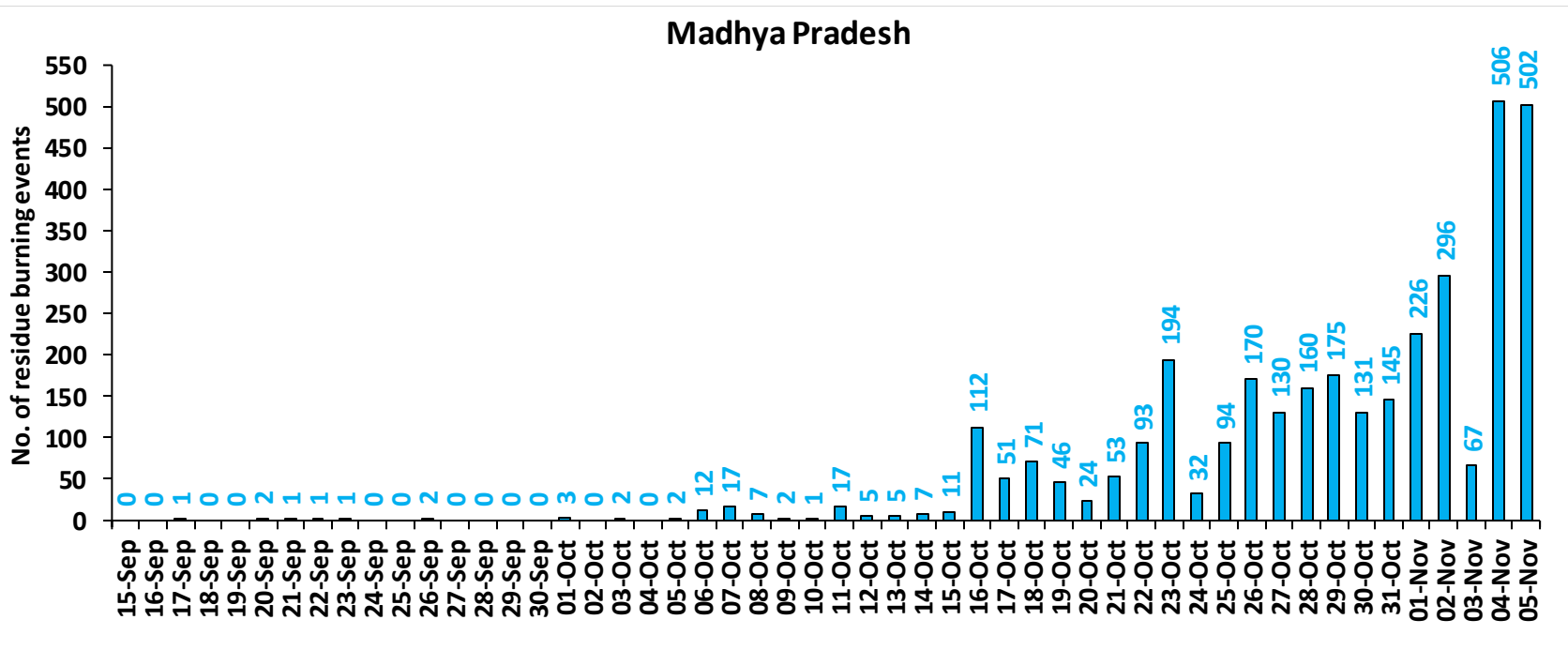
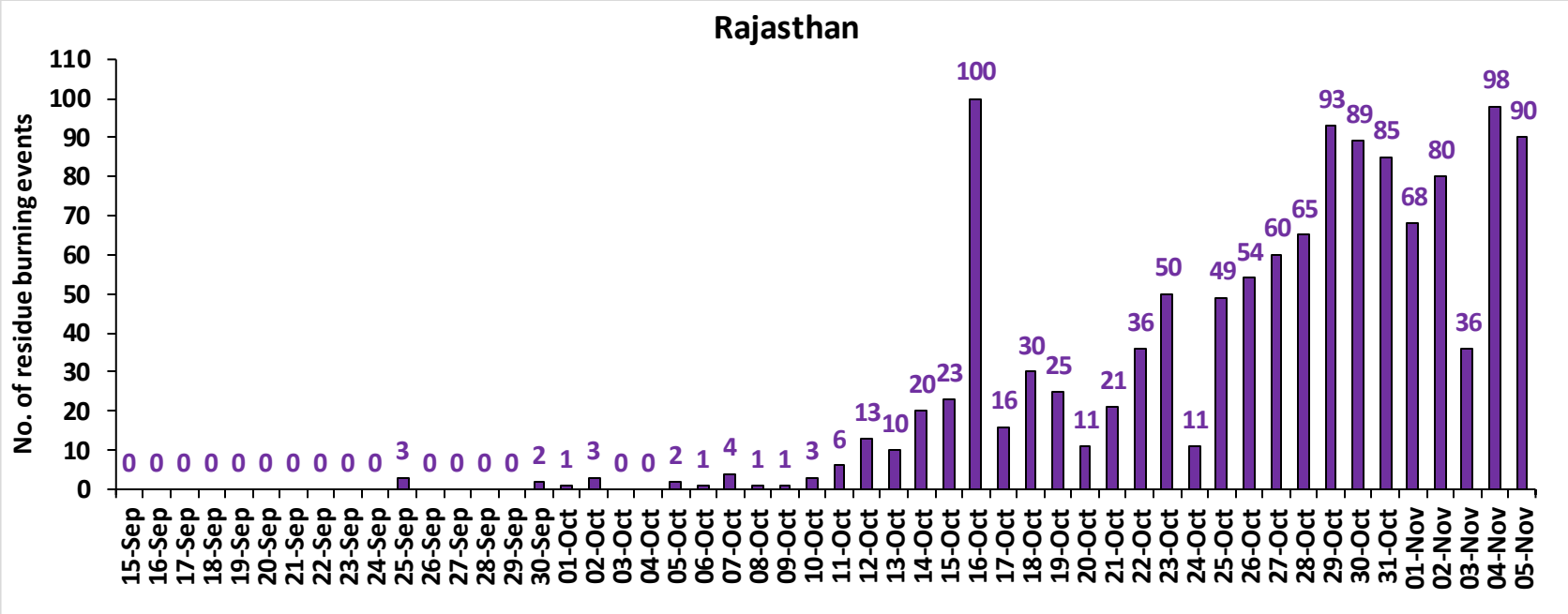
## Highlights for 05-Nov-2024

- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol " recommended by CAQM. Data is not received from **Soumi NPP (SNPP)** satellite due to mission side issue since **03-Nov-2024**.
- Satellites detected **1084** residue burning events in the six study States on **05-Nov-2024**.
- The state wise events detected on **05-Nov-2024** were **361** in Punjab, **09** in Haryana, **122** in UP, **00** in Delhi, **90** in Rajasthan and **502** in MP.
- Total **11777** burning events were detected in the six states between **15-Sept-2024** and **05-Nov-2024**, which are distributed as **4755**, **879**, **1494**, **12**, **1260** and **3377** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

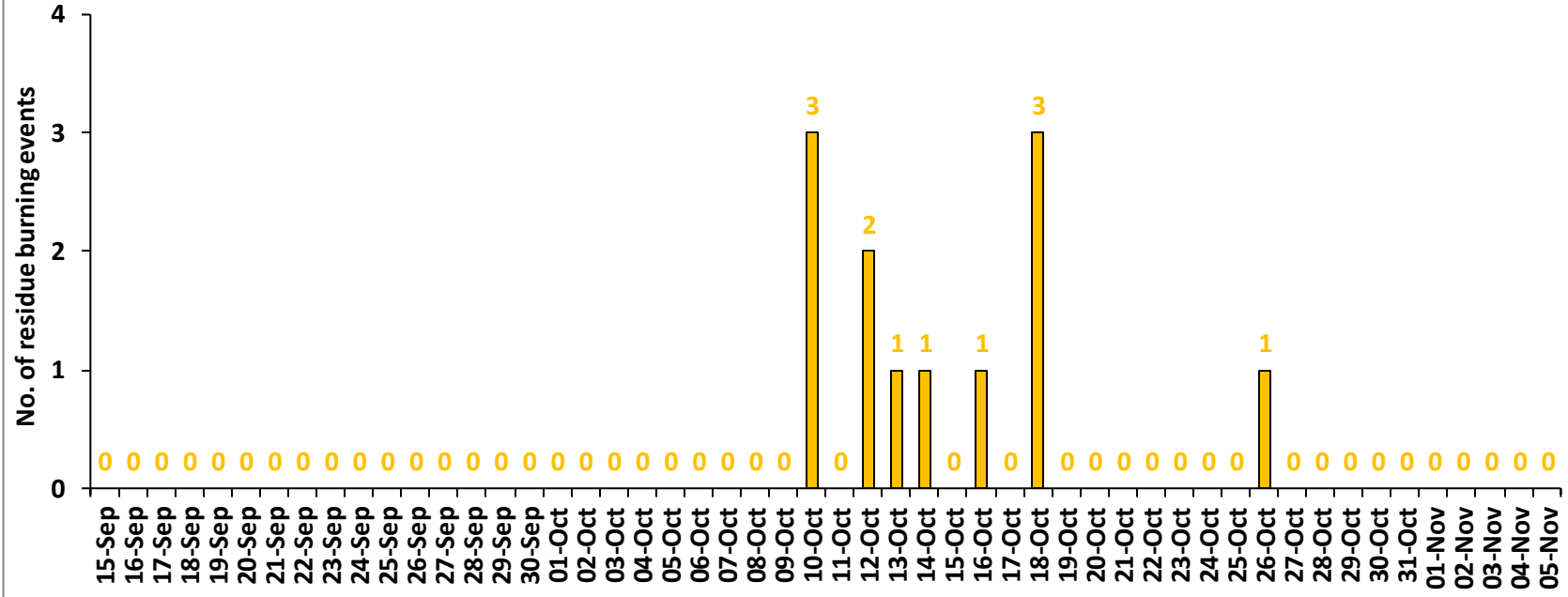
### Temporal distribution of rice residue burning events for the study States in 2024



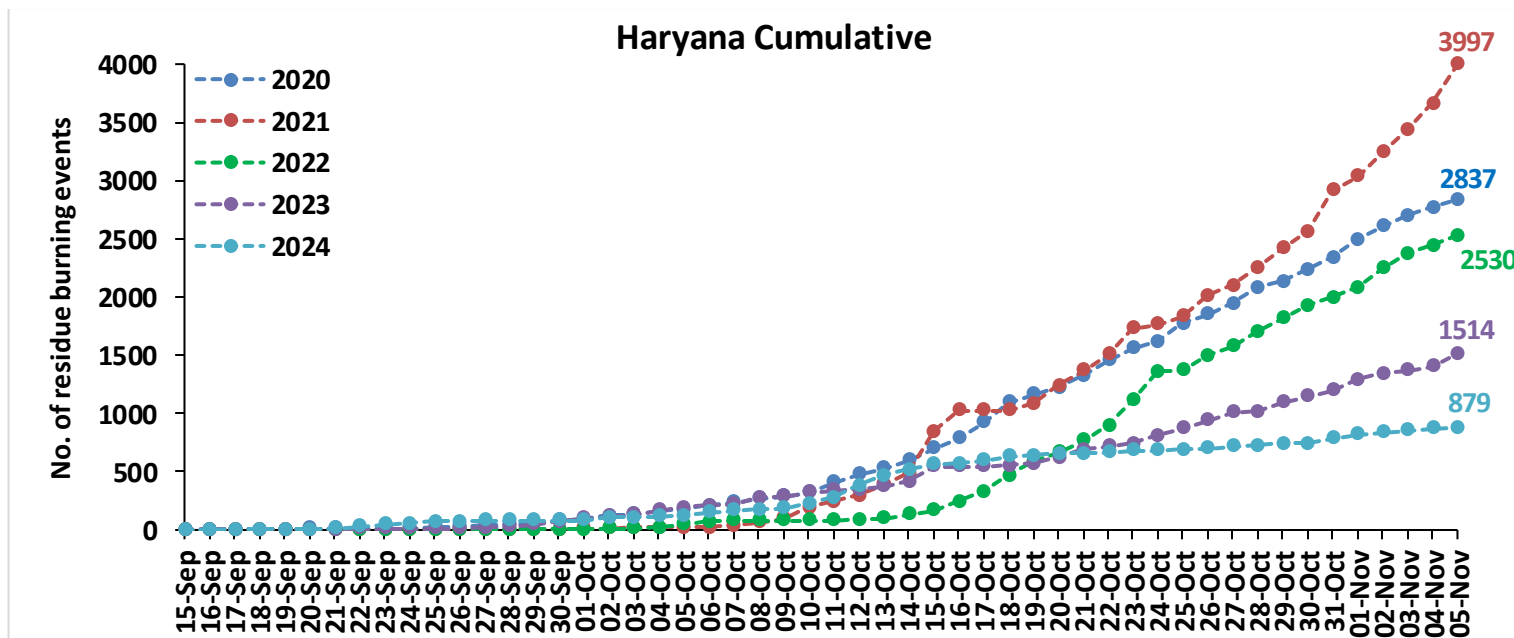
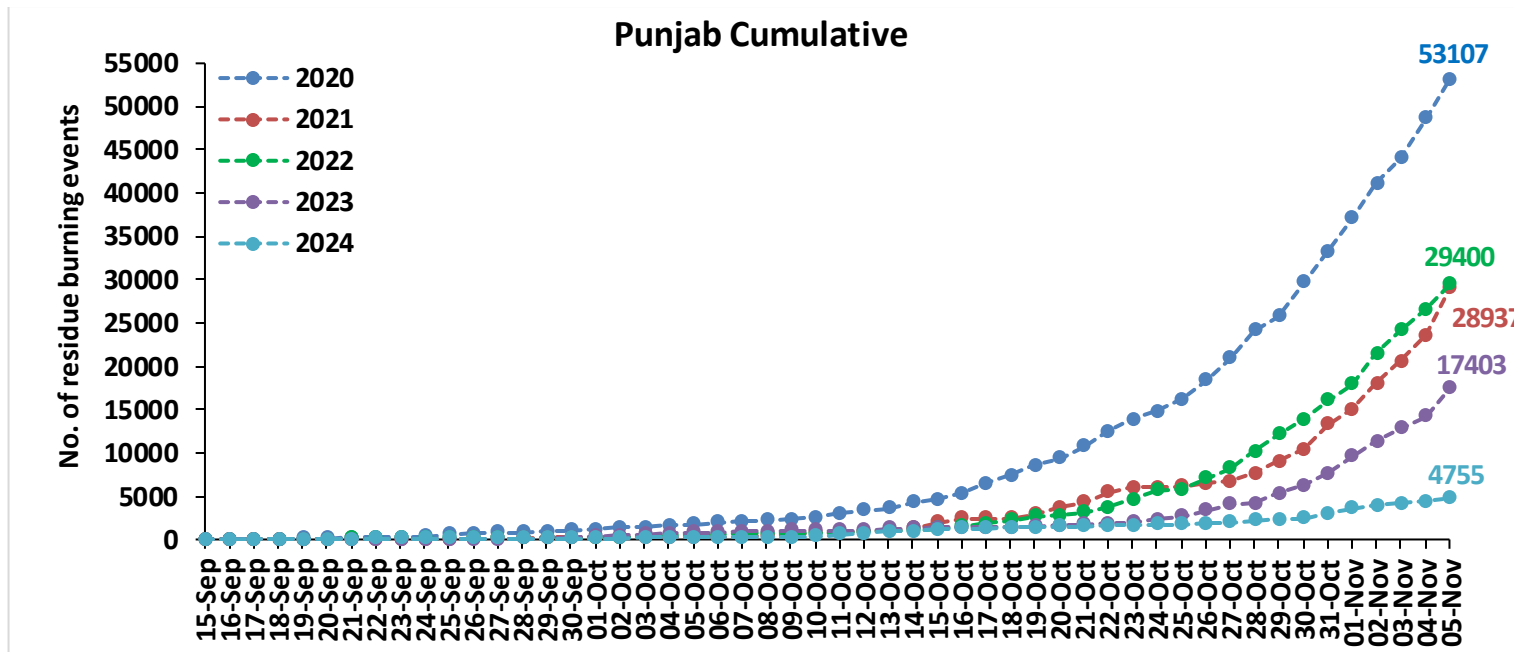


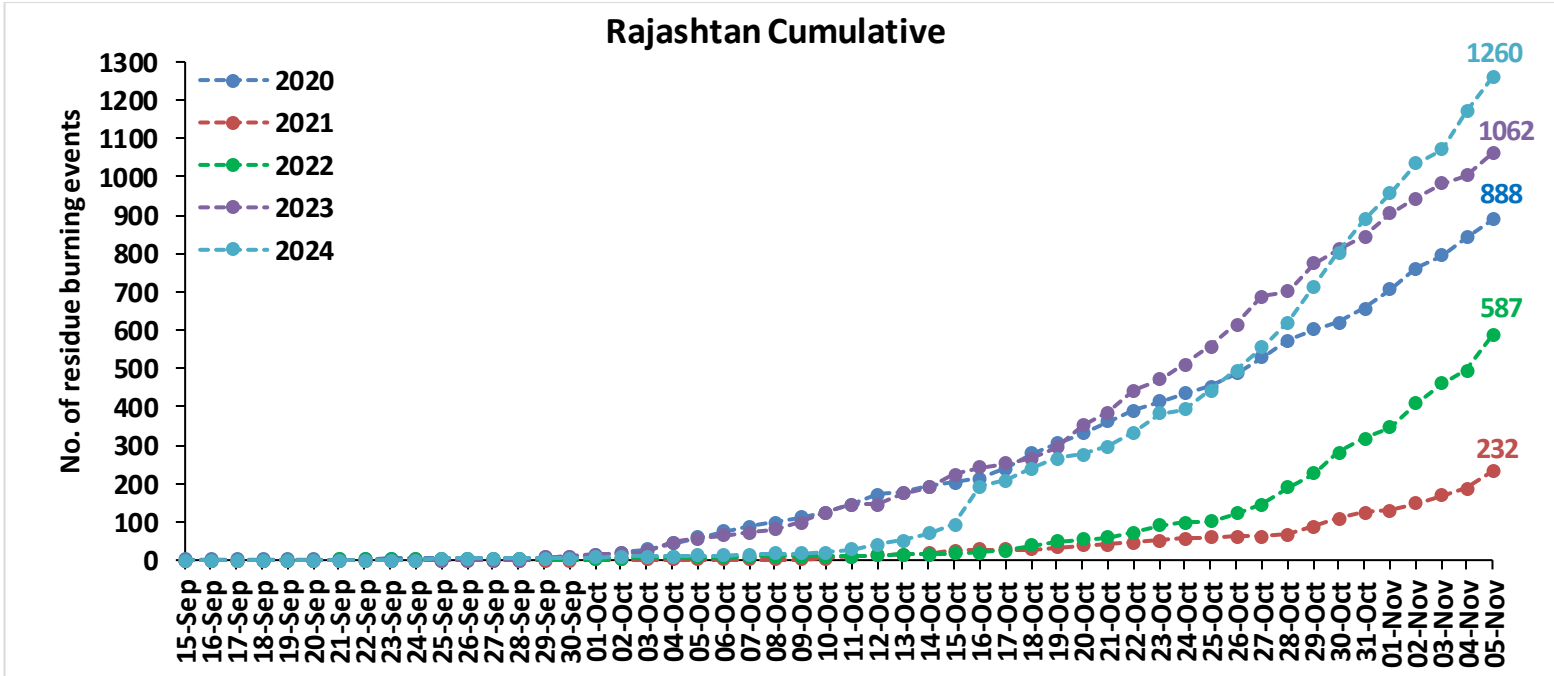
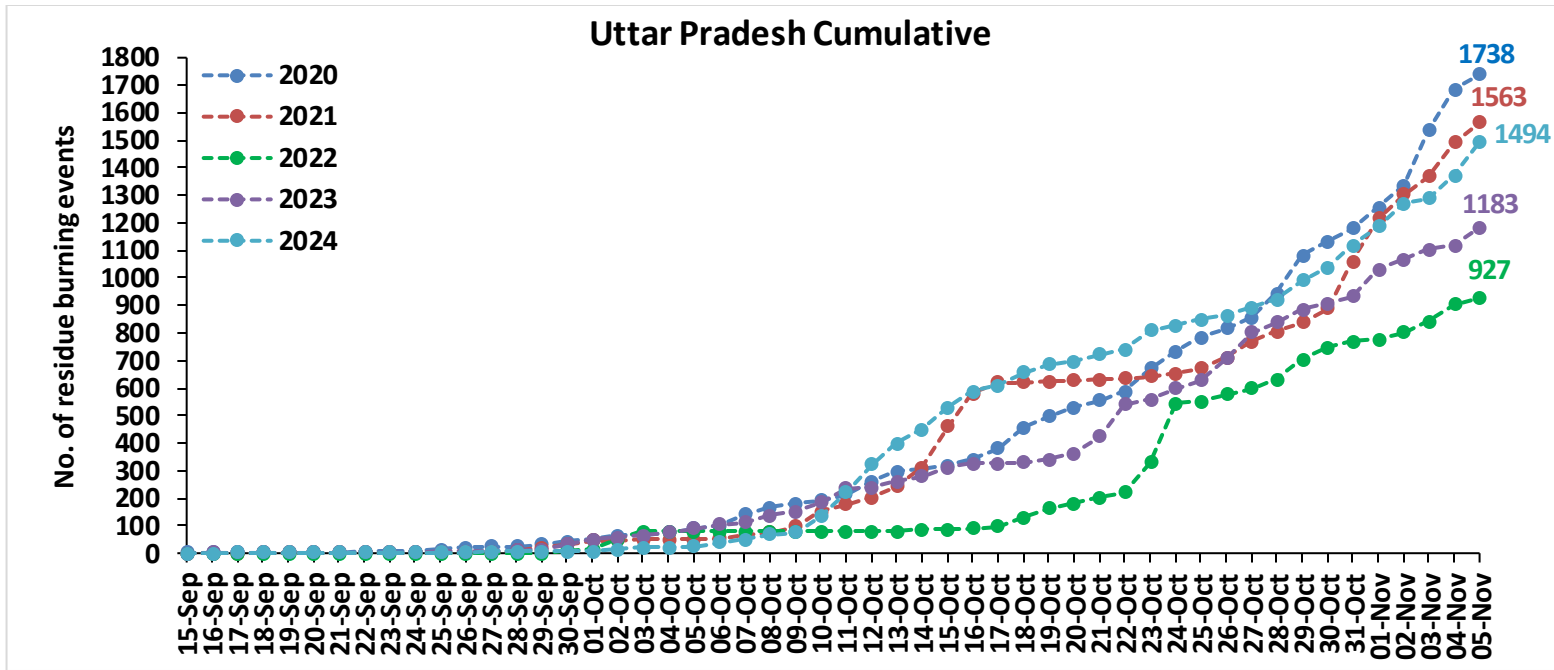


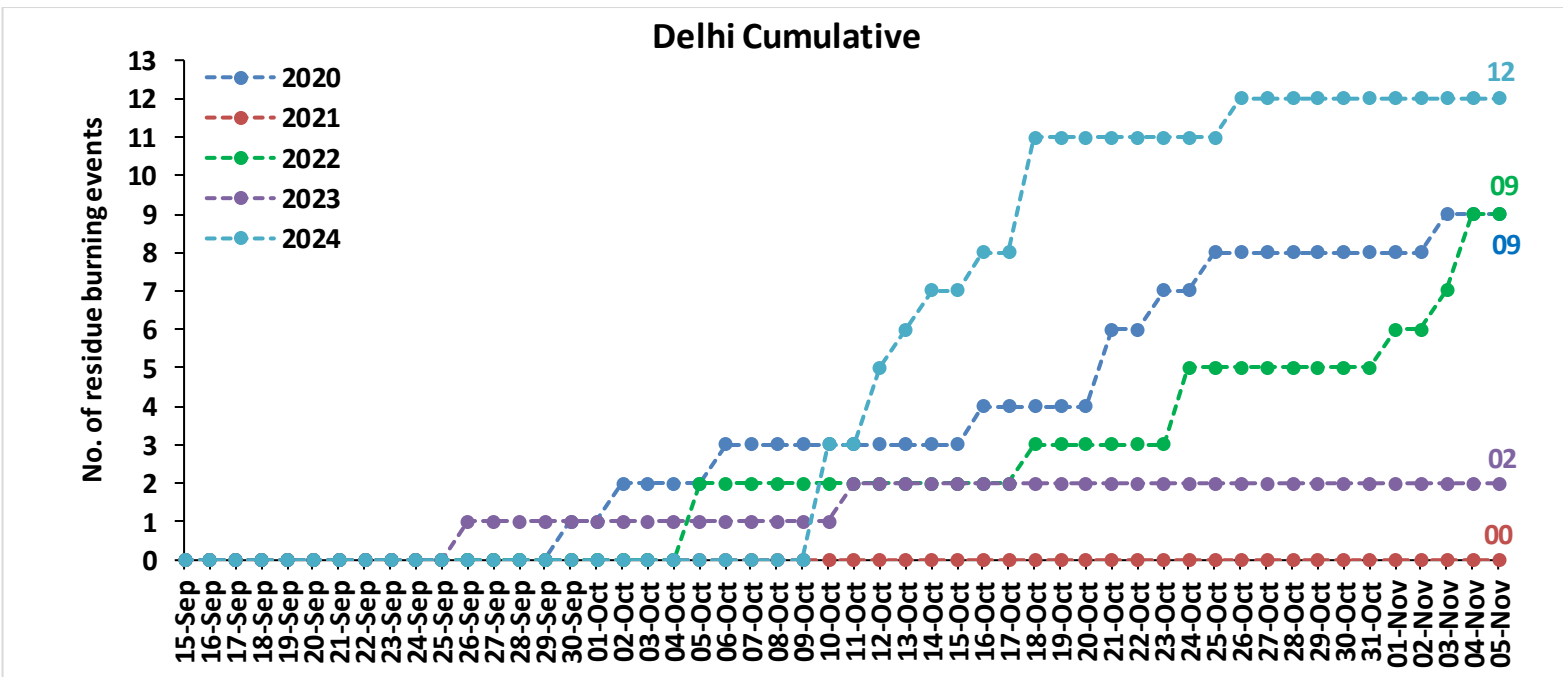
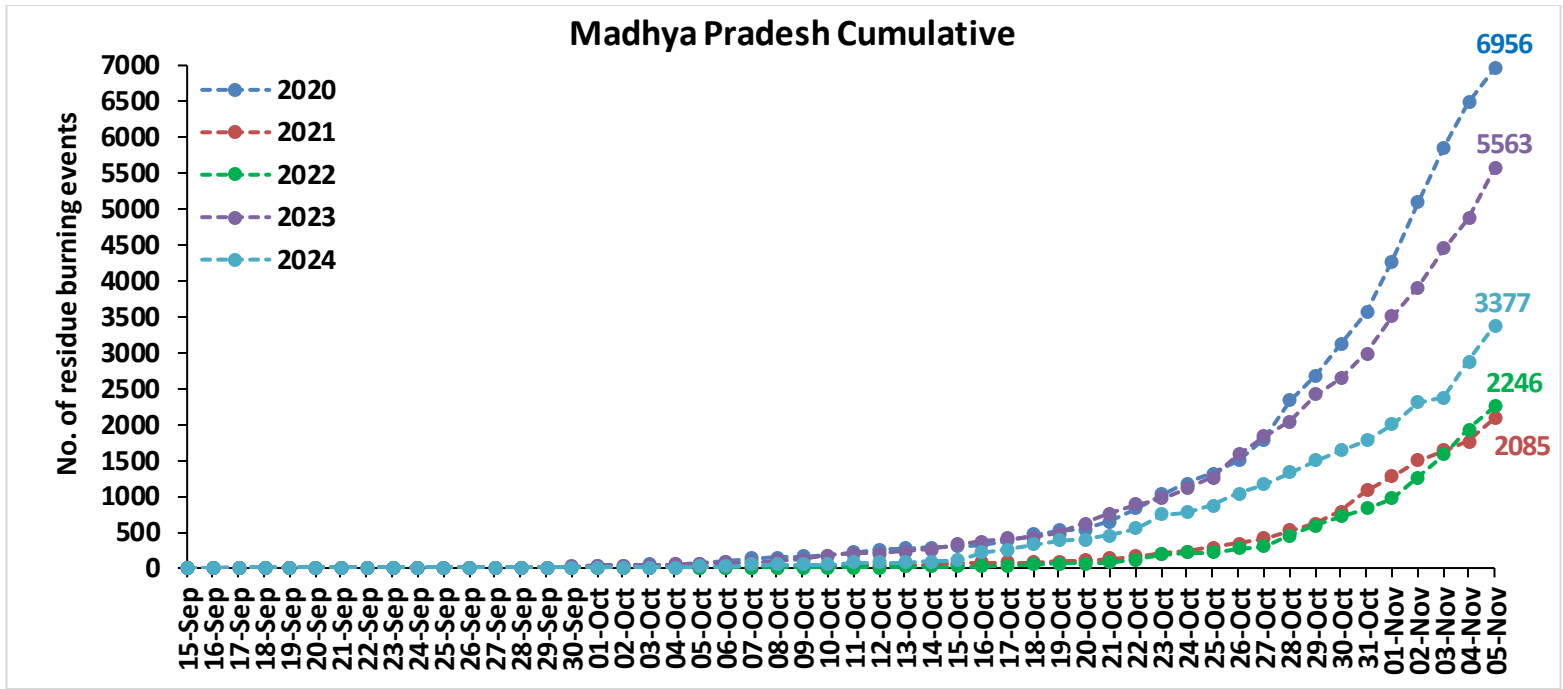
# Delhi



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

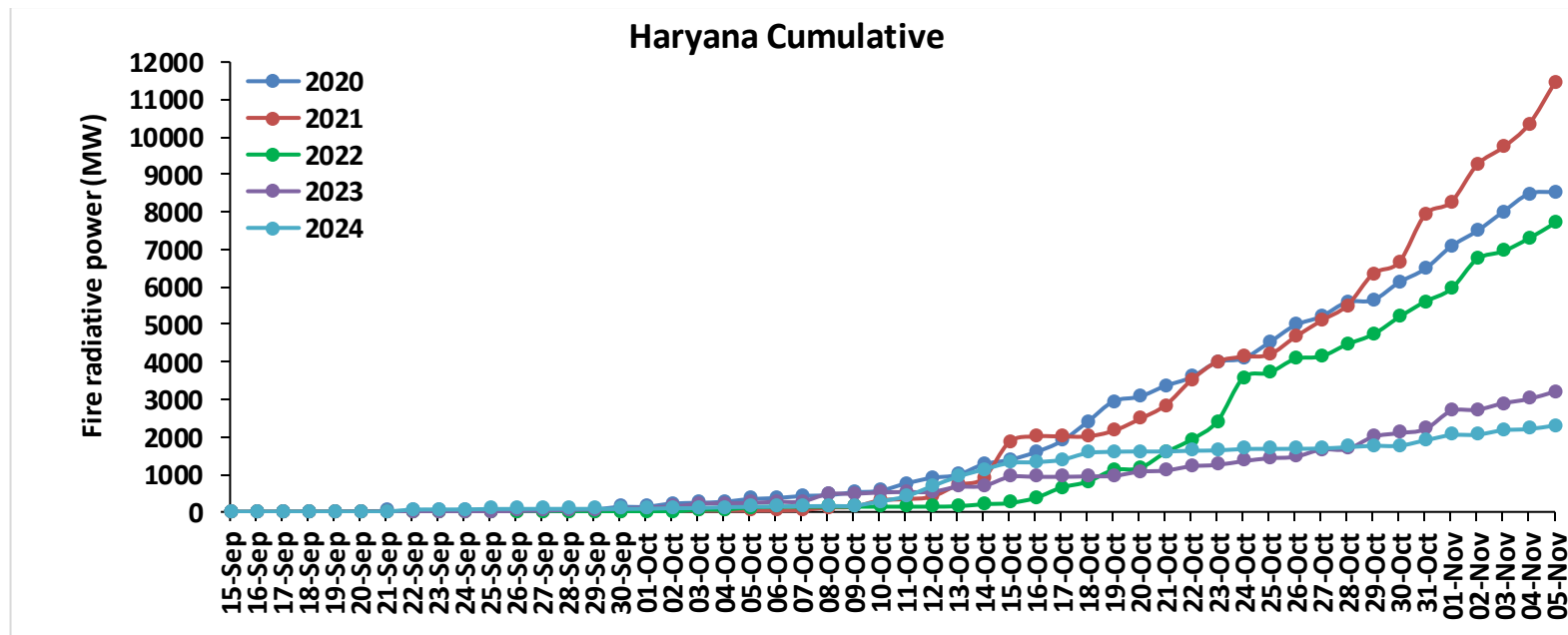
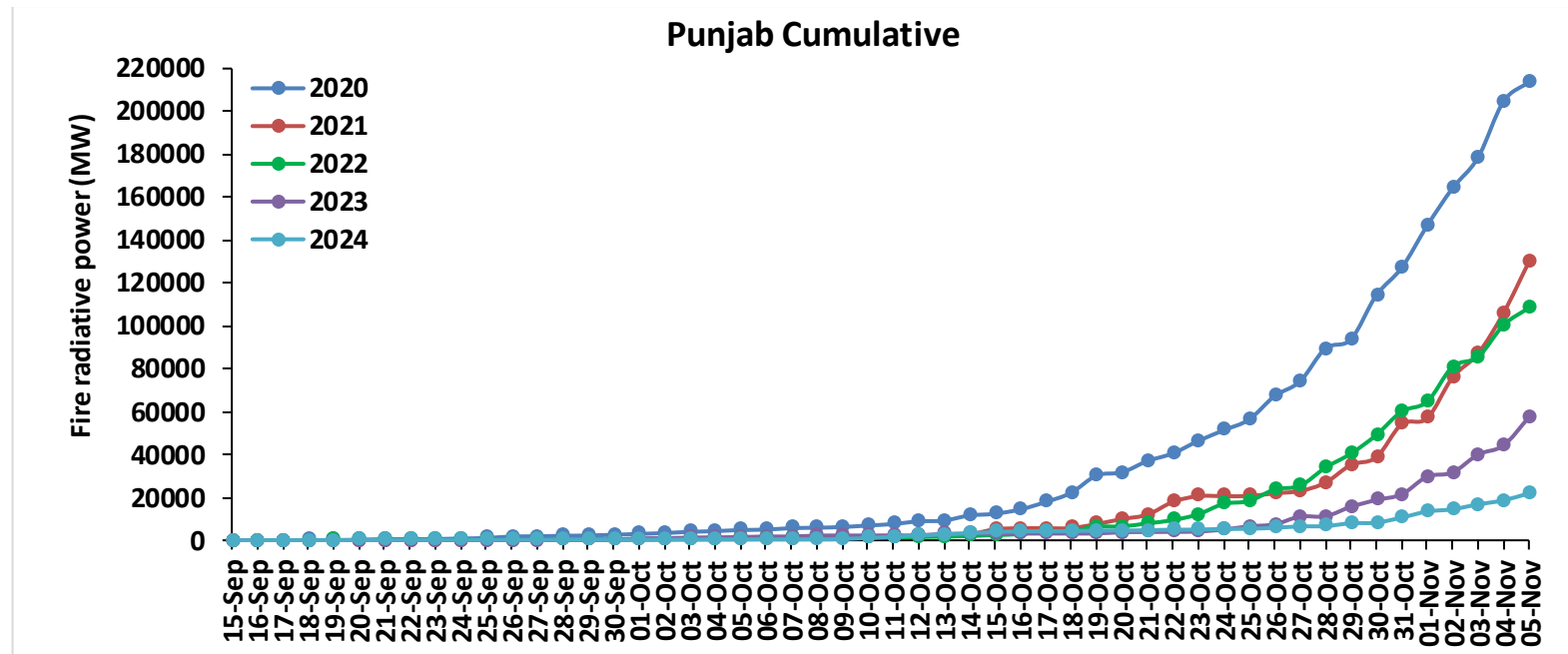


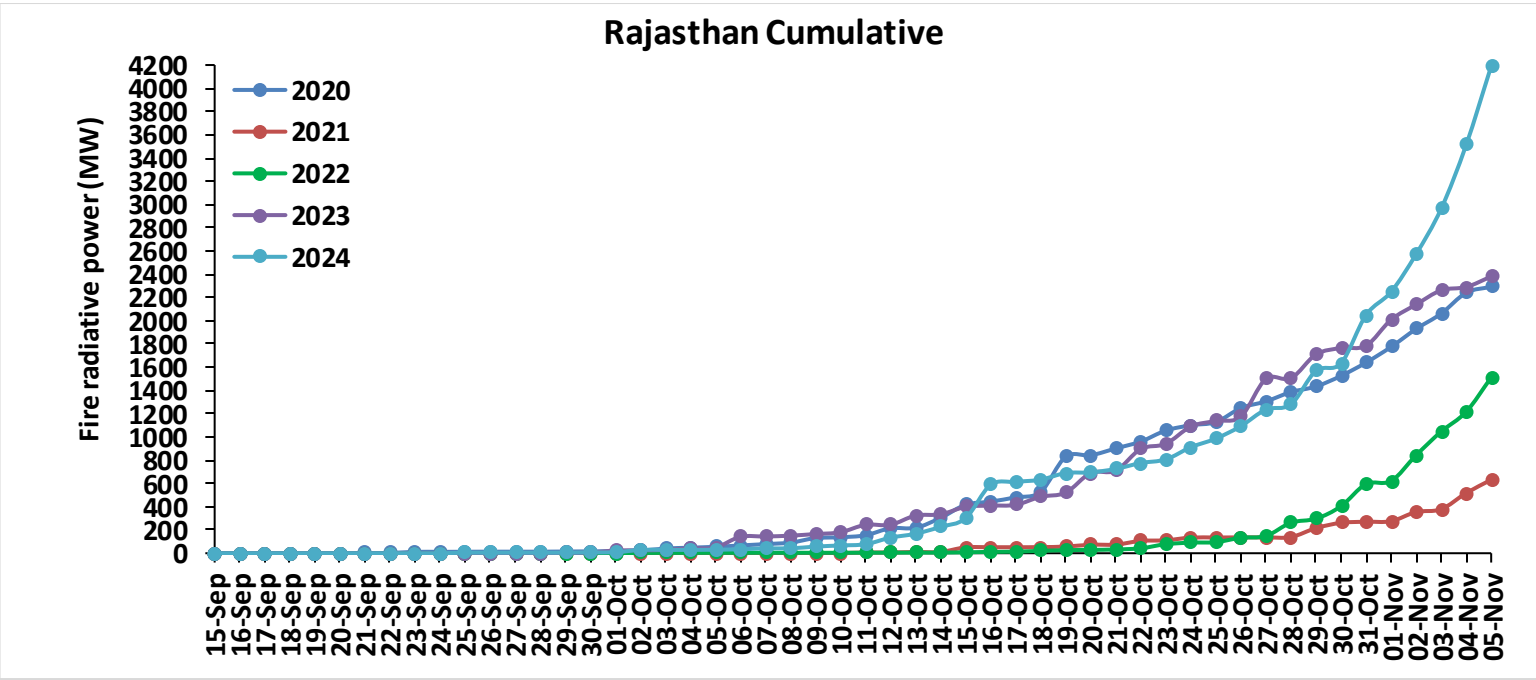
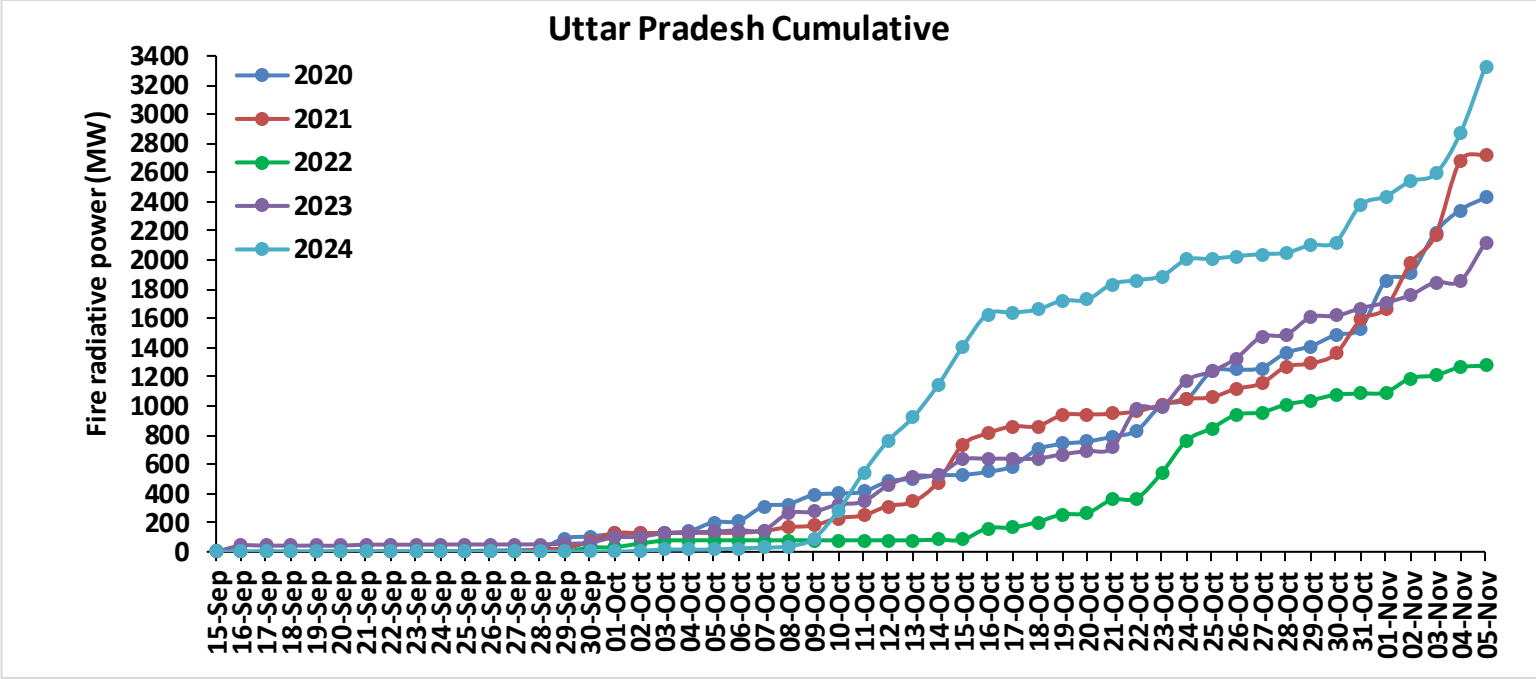


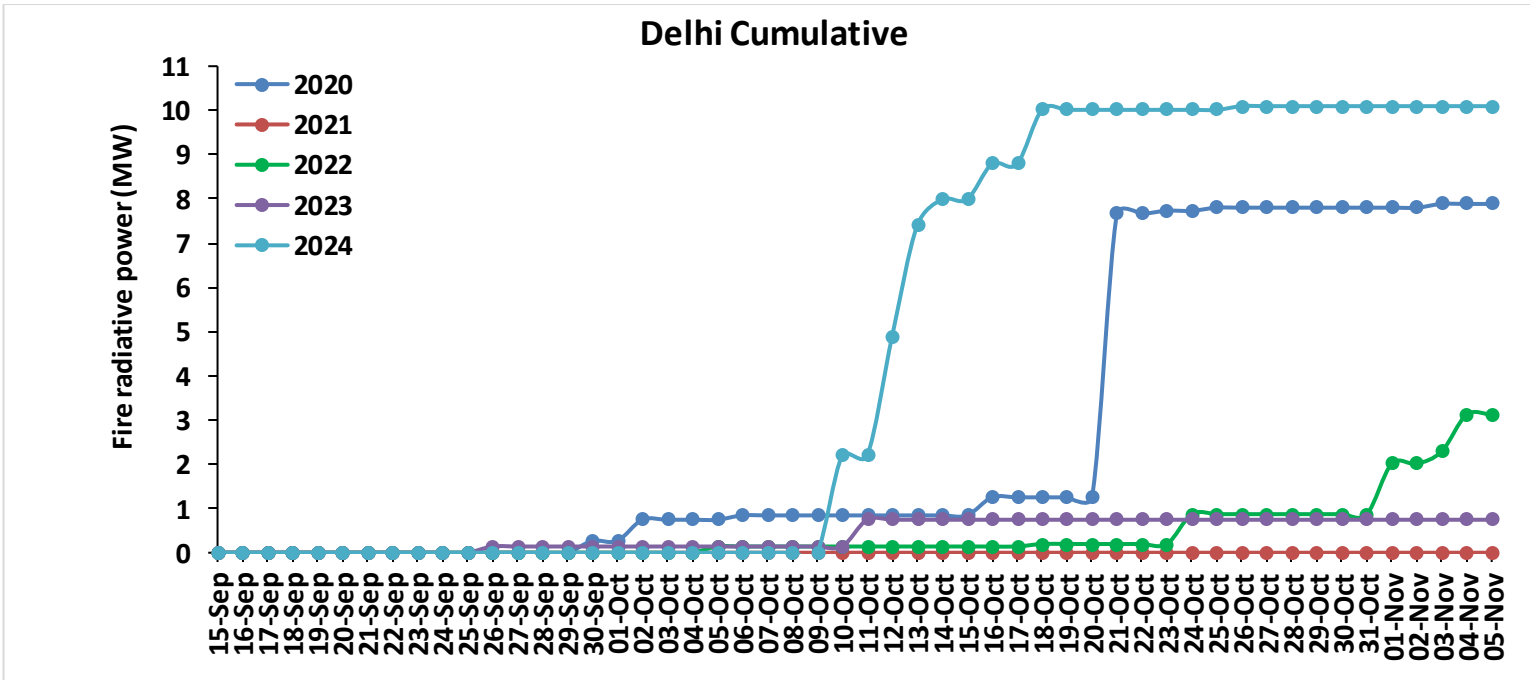
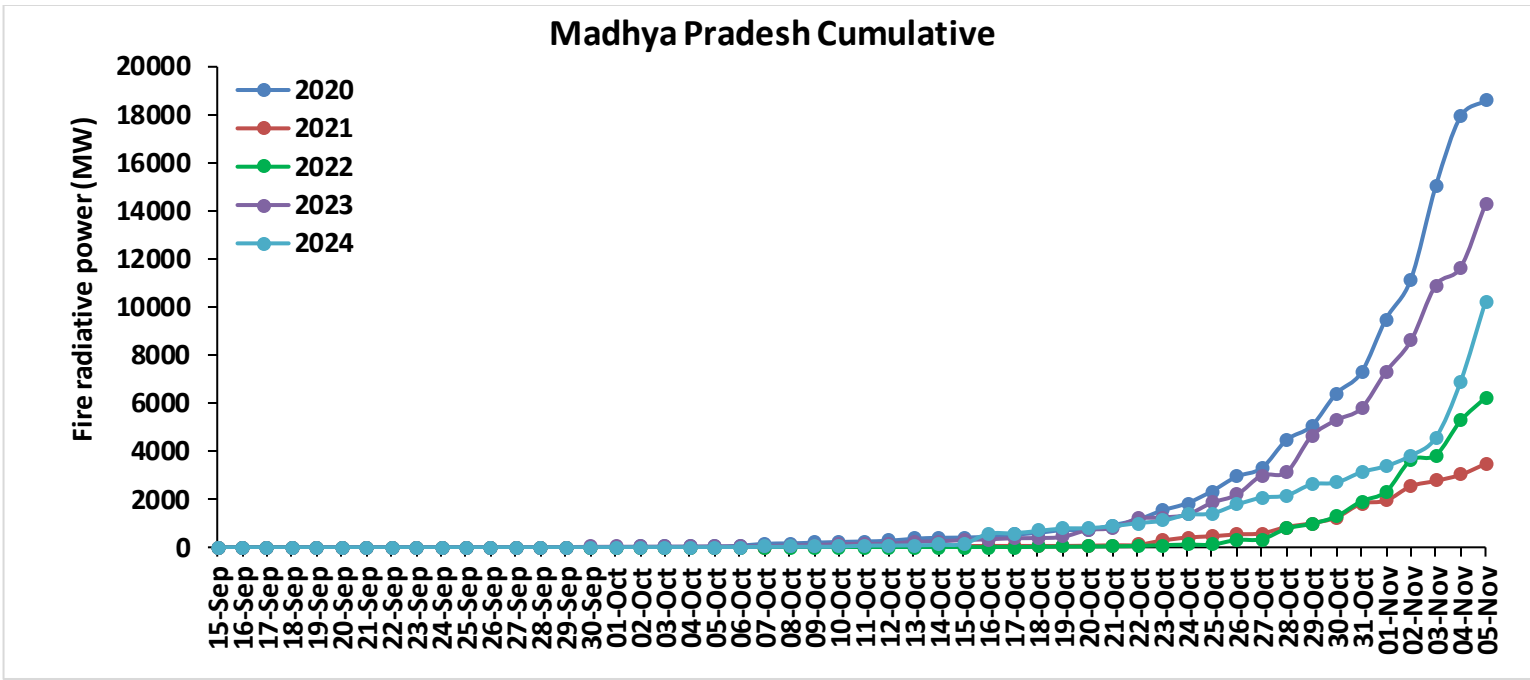




**Comparison of residue burning fire power in current year (2024) with previous years (2020,2021,2022 and 2023) for the study States**

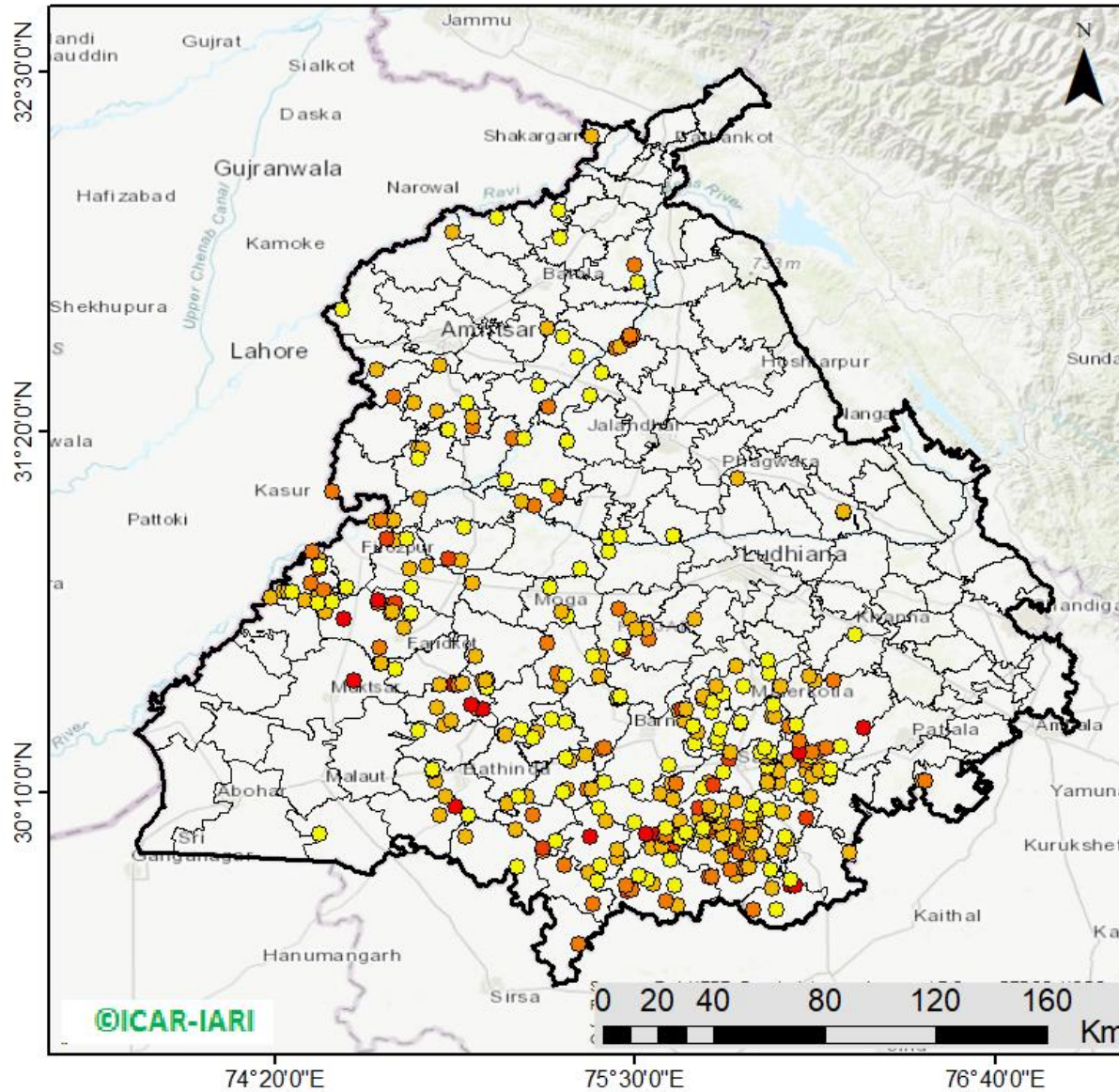






# Punjab

## RICE RESIDUE BURNING IN PUNJAB



**361** burning events detected in Punjab during (05th Nov 2024)

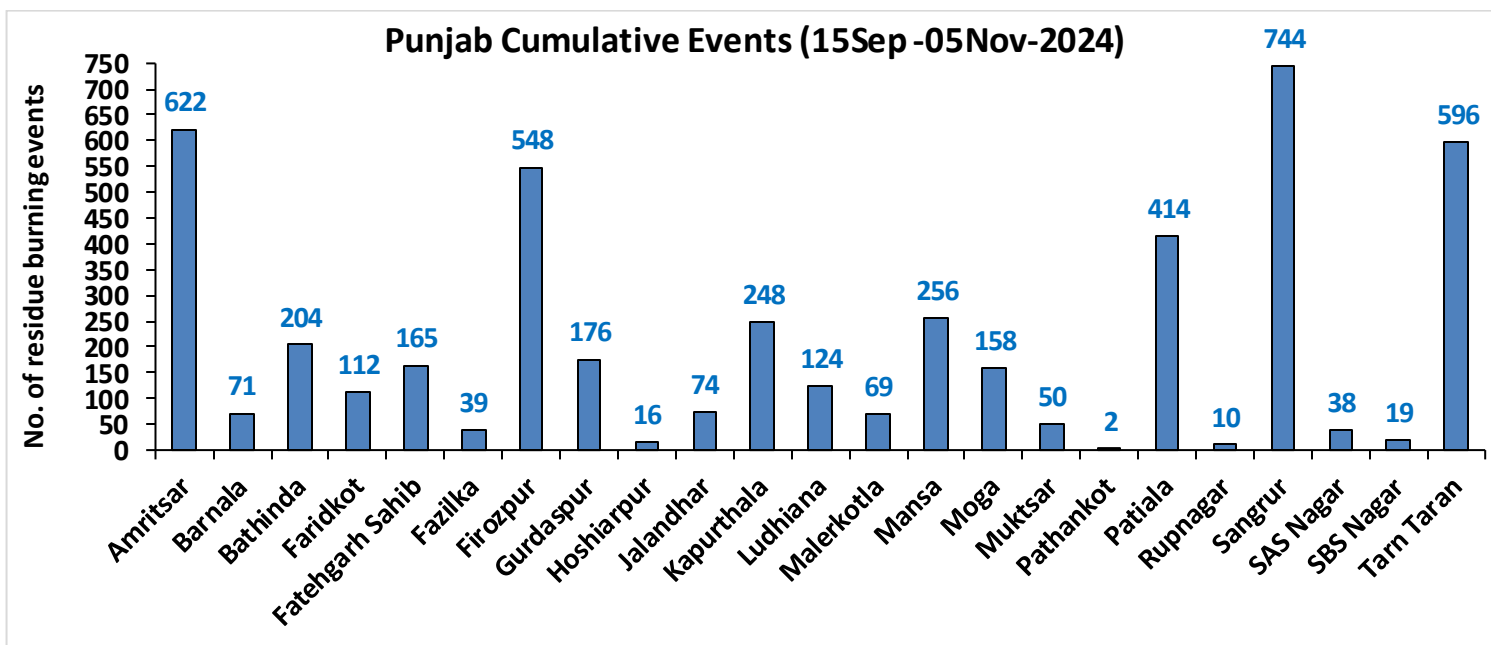
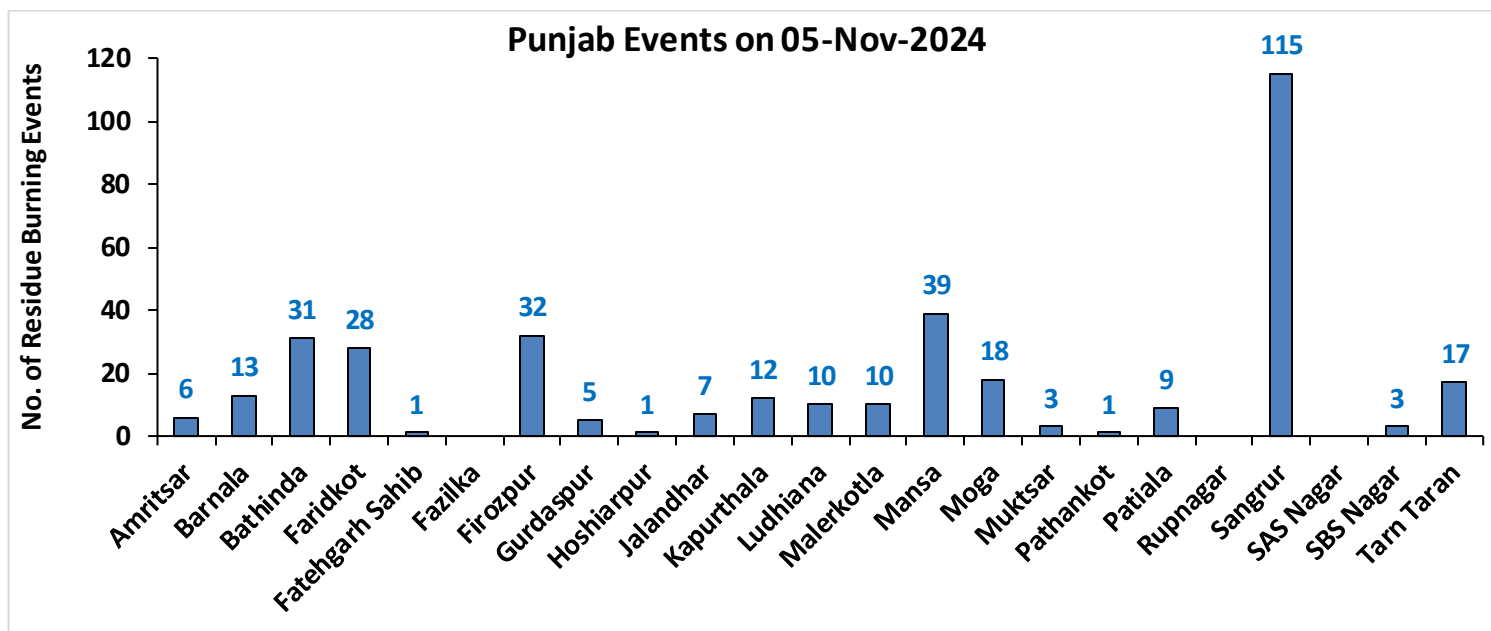
### Fire Intensity (W/m<sup>2</sup>)

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



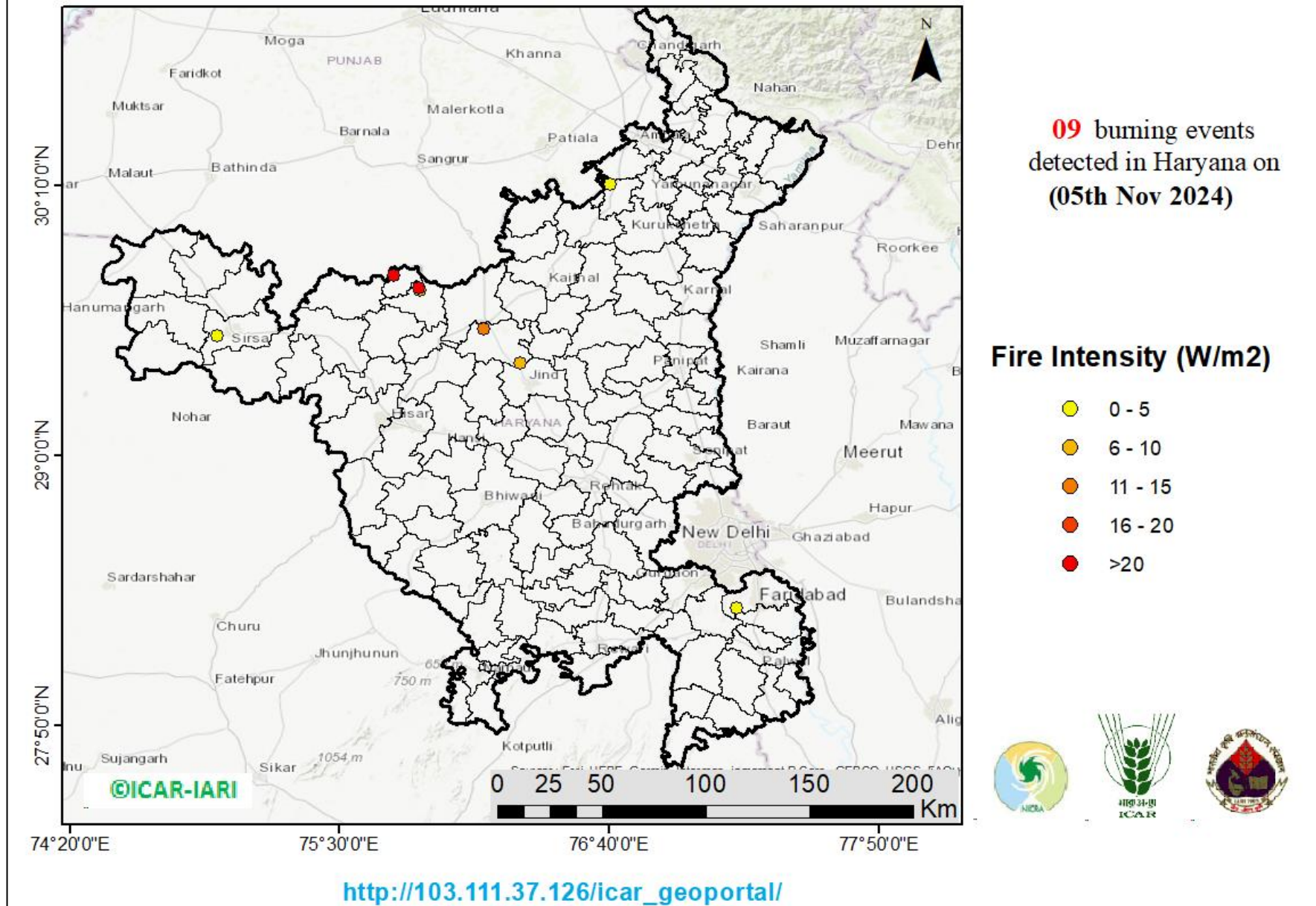
[http://103.111.37.126/icar\\_geoportal/](http://103.111.37.126/icar_geoportal/)

## District-wise cumulative number of residues burning events in Punjab (15Sep-05Nov-2024)

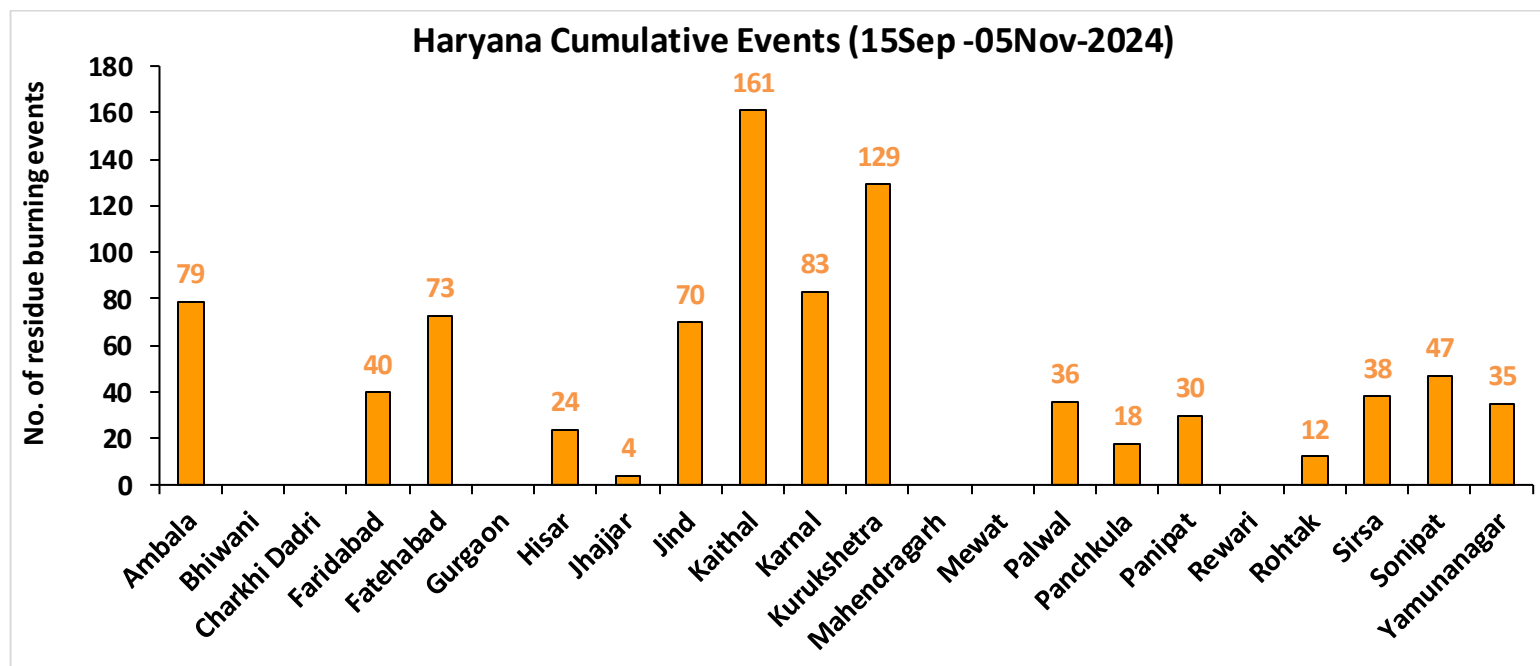
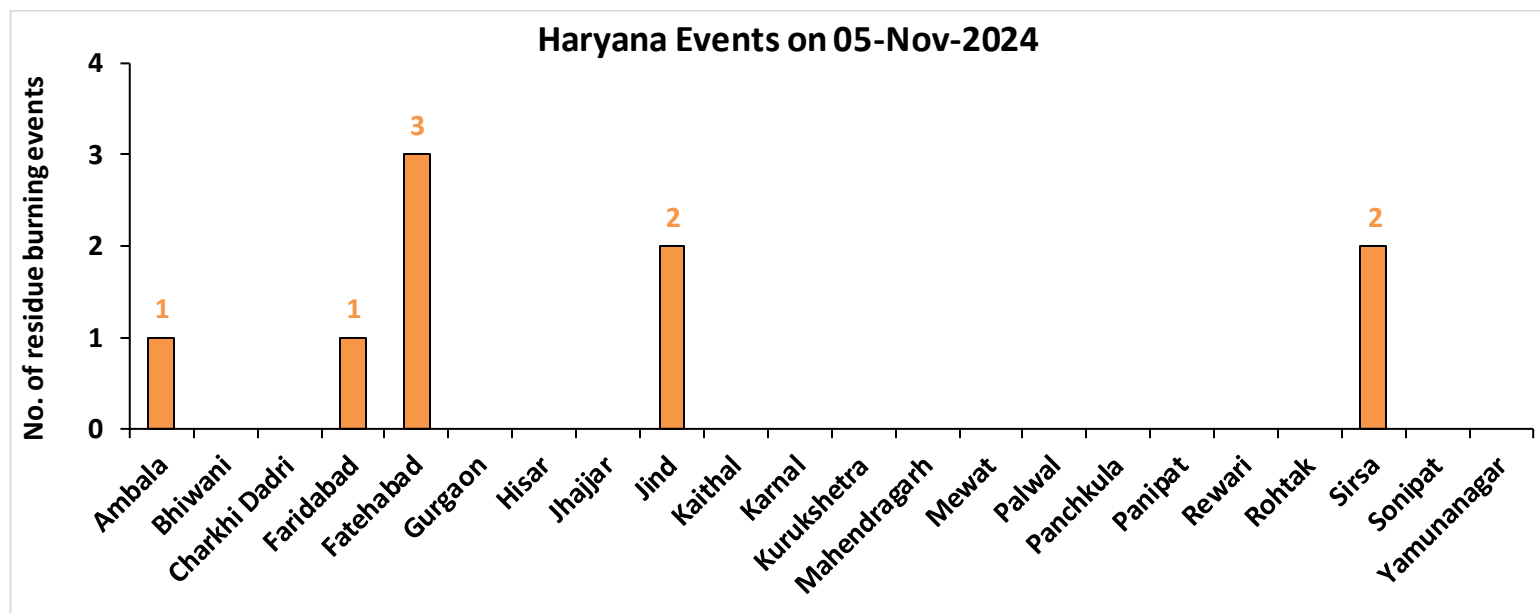


# Haryana

## RICE RESIDUE BURNING IN HARYANA

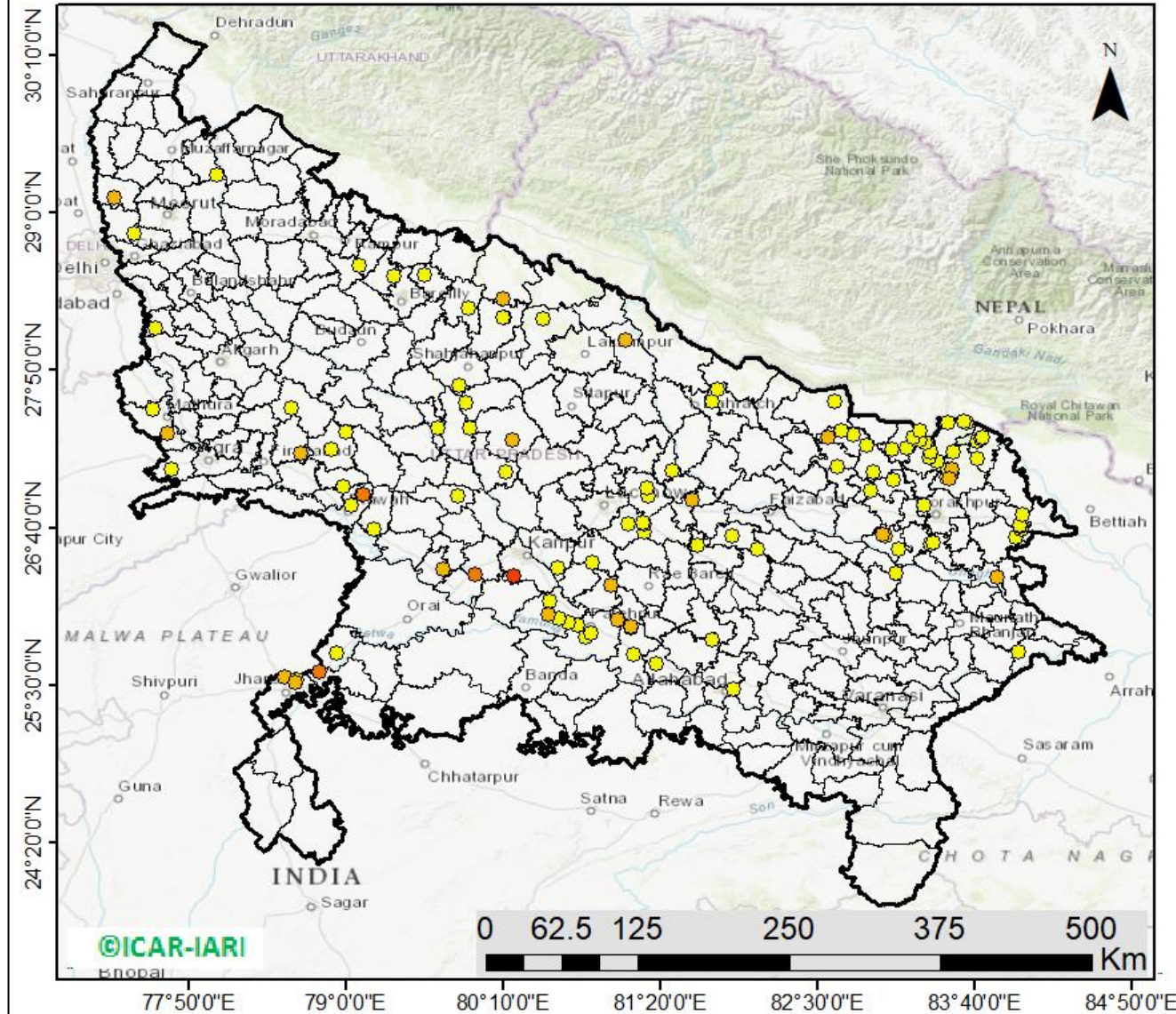


## District-wise cumulative number of residues burning events in Haryana (15Sep-05Nov-2024)



# Uttar Pradesh

## RICE RESIDUE BURNING IN UTTAR PRADESH



**122** burning events detected in Uttar Pradesh on (05th Nov 2024)

### Fire Intensity (W/m<sup>2</sup>)

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

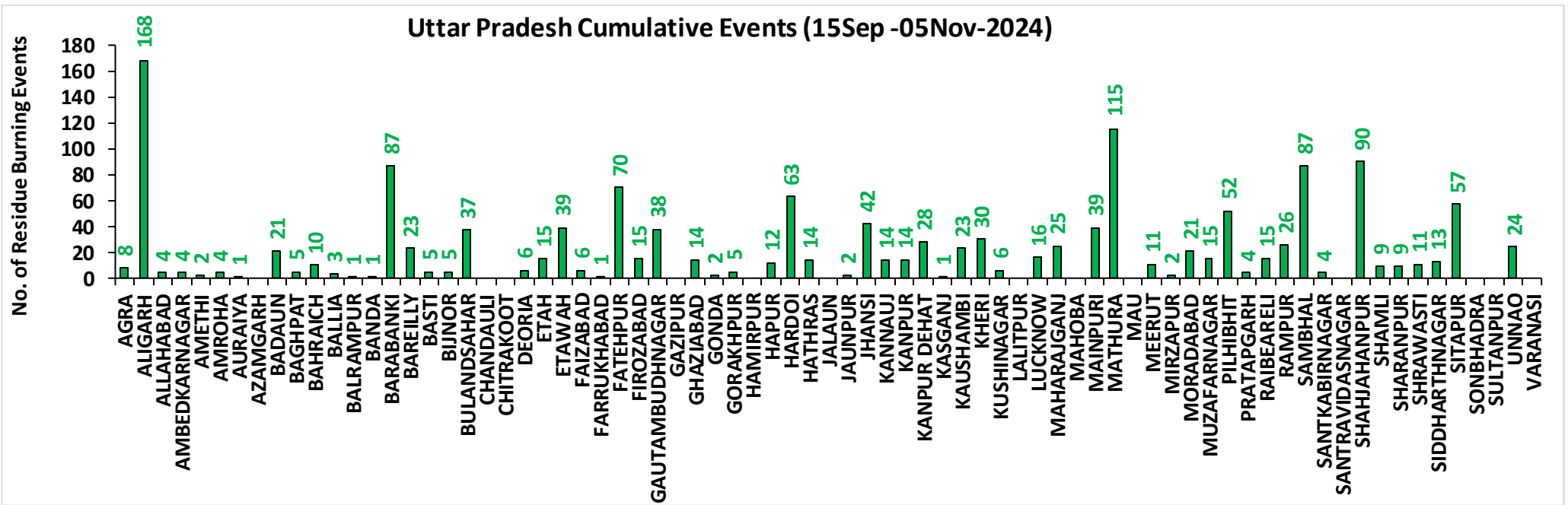
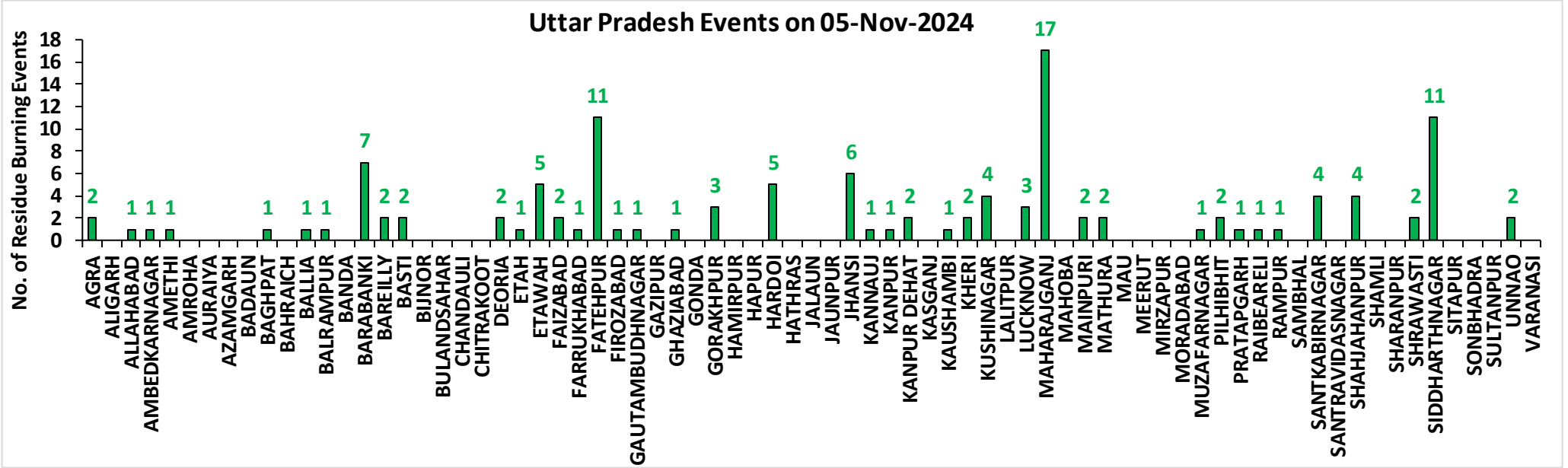


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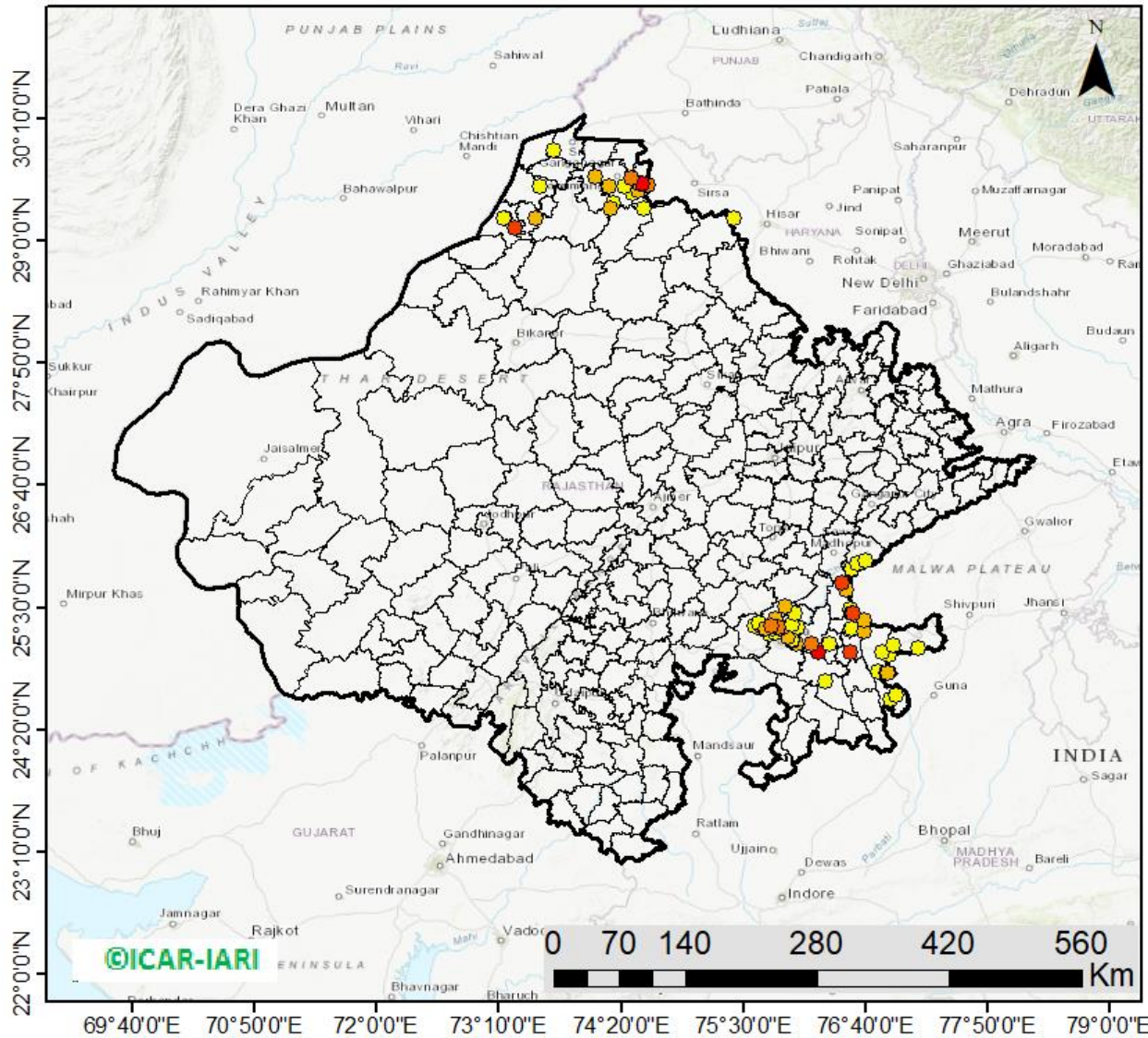


## District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-05Nov-2024)



# Rajasthan

## RICE RESIDUE BURNING IN RAJASTHAN



**90** burning events  
detected in Rajasthan on  
**(05th Nov 2024)**

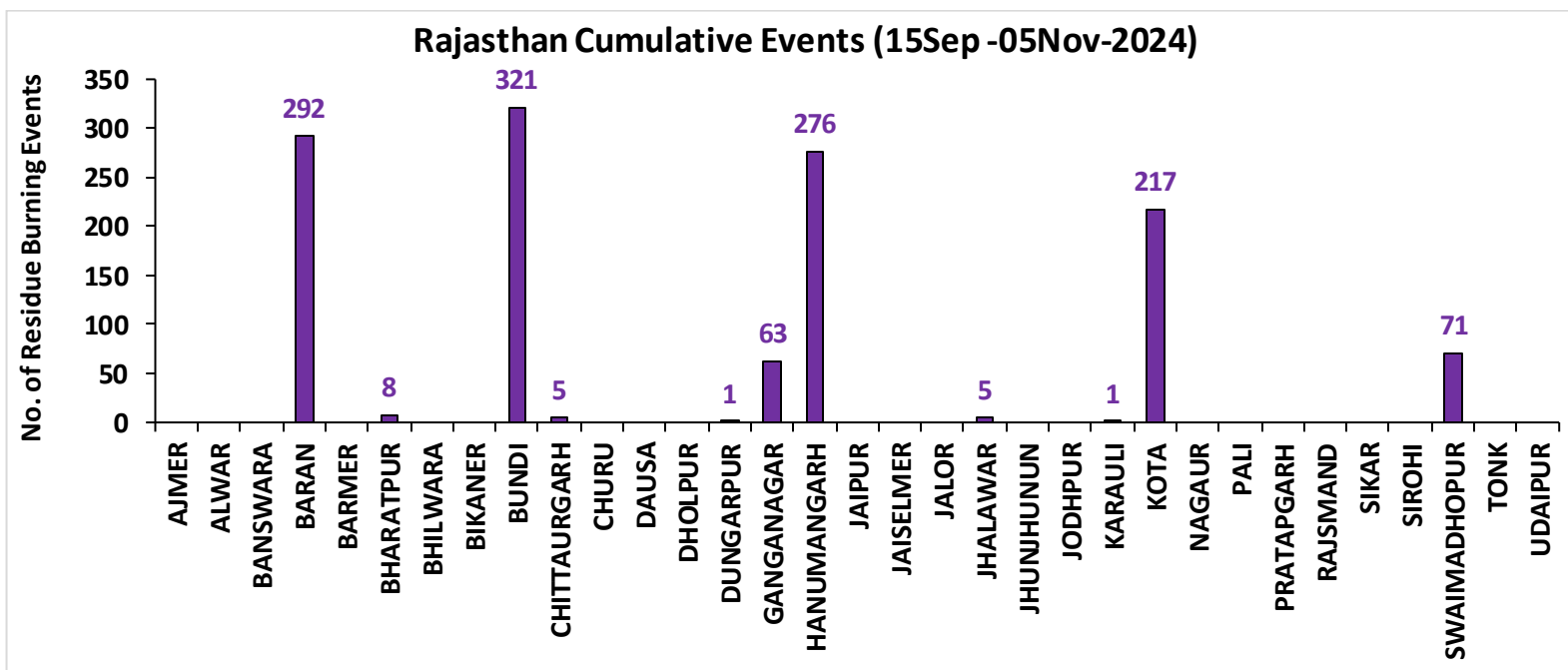
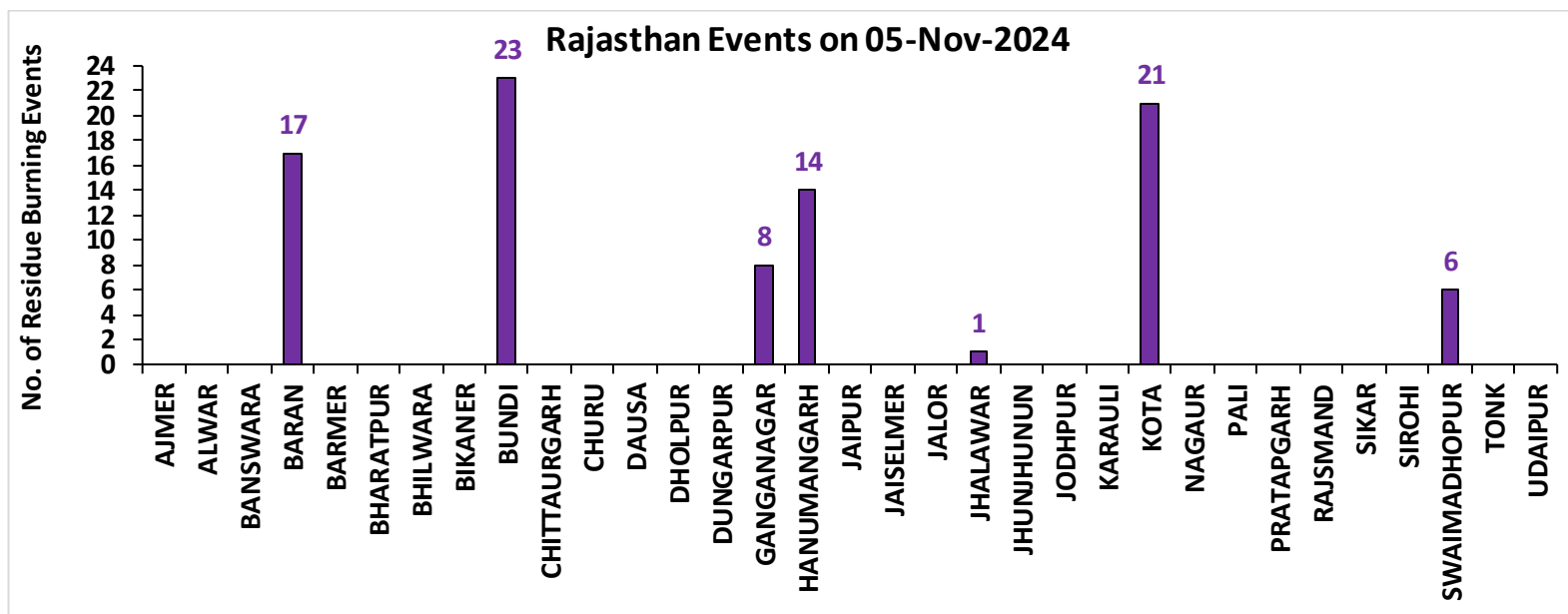
### Fire Intensity (W/m<sup>2</sup>)

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



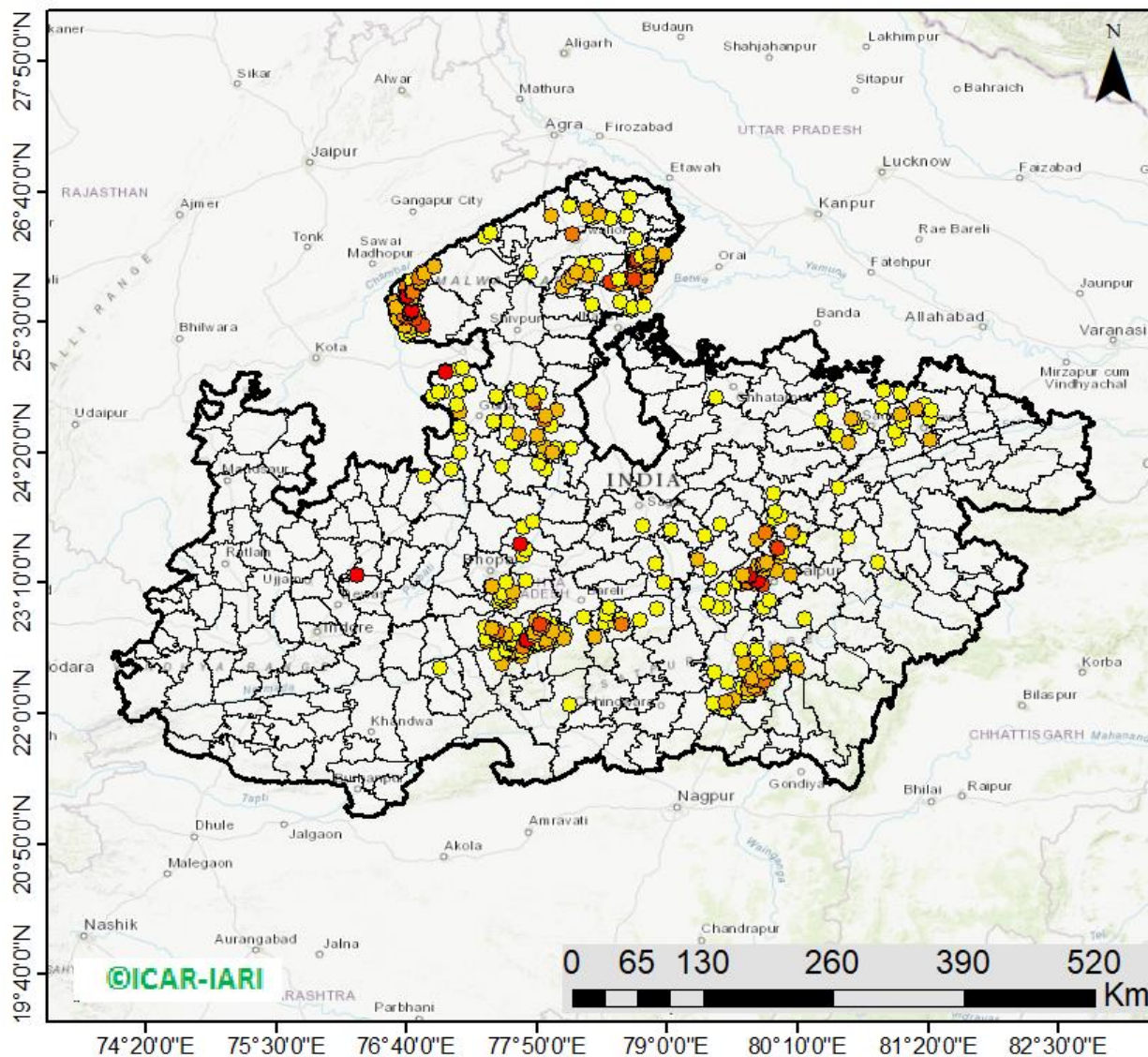
[http://103.111.37.126/icar\\_geportal/](http://103.111.37.126/icar_geportal/)

## District-wise cumulative number of residues burning events in Rajasthan (15Sep-05Nov-2024)



## Madhya Pradesh

### RICE RESIDUE BURNING IN MADHYA PRADESH



**502** burning events  
detected in MP on  
(05th Nov 2024)

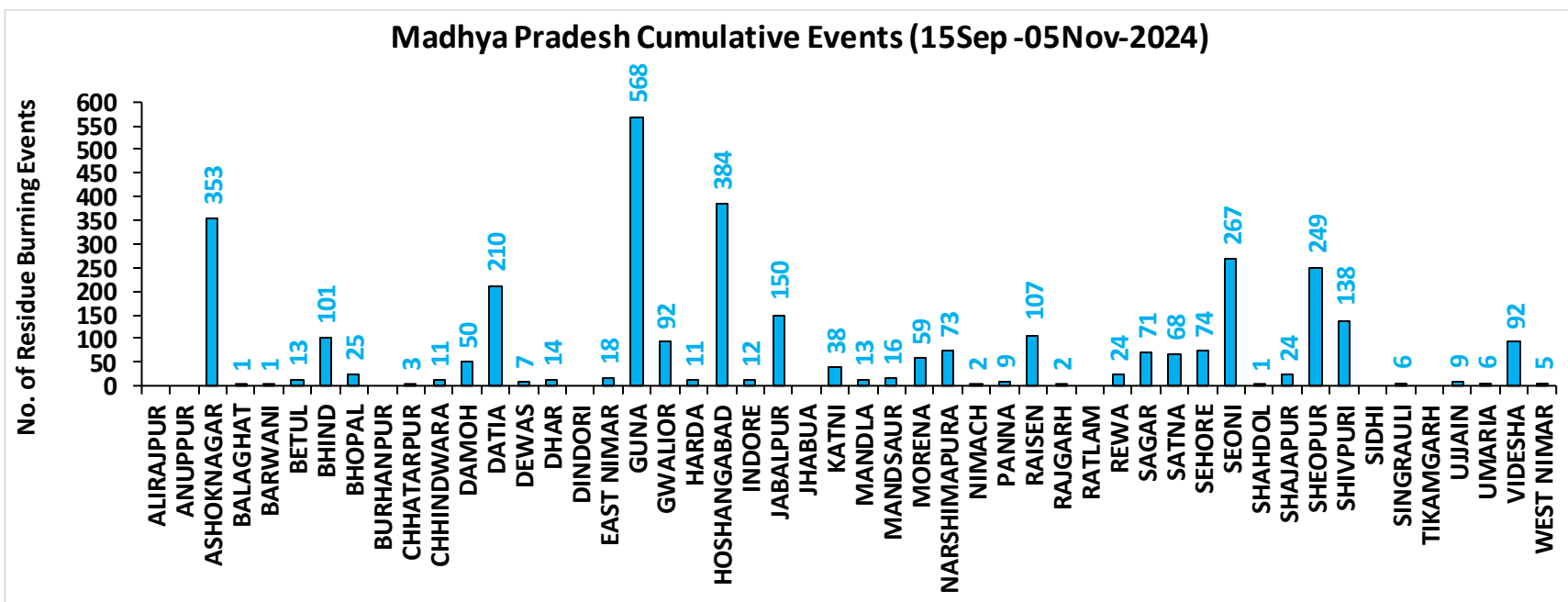
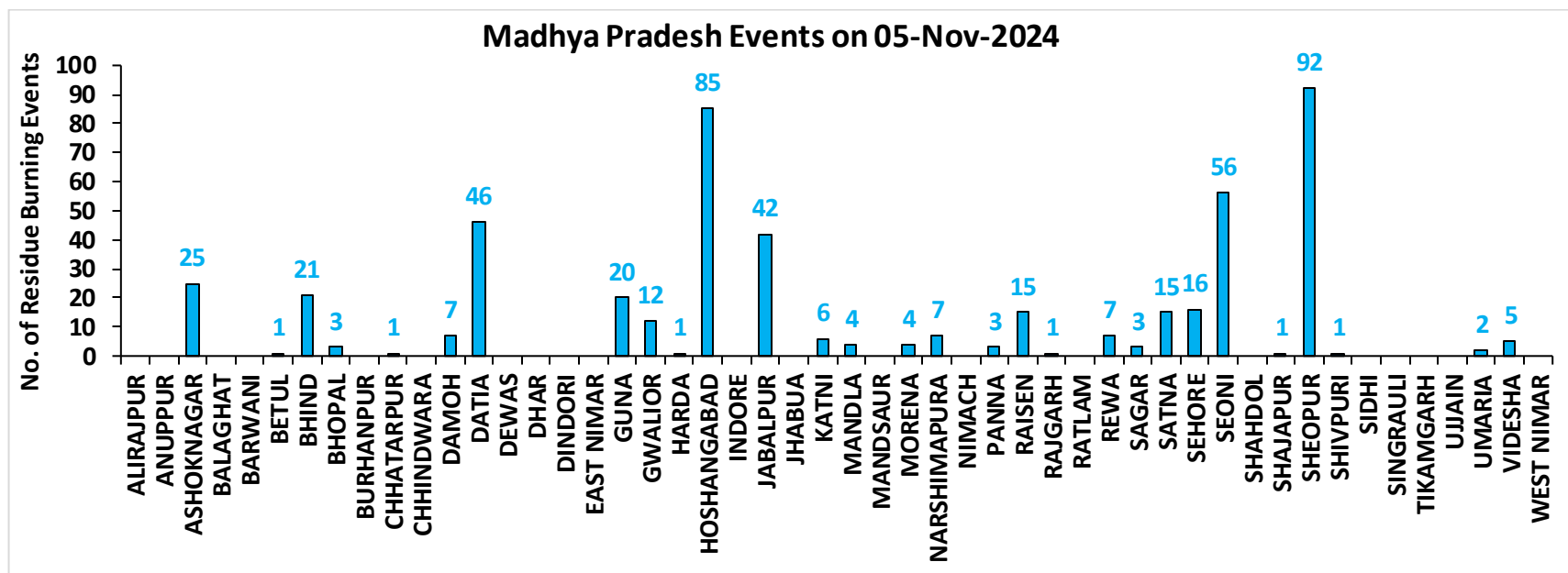
#### Fire Intensity (W/m<sup>2</sup>)

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



[http://103.111.37.126/icar\\_geoportal/](http://103.111.37.126/icar_geoportal/)

## District-wise cumulative number of residues burning events in Madhya Pradesh (15Sep-05Nov-2024)



**District-wise cumulative number of residues burning events detected in 2020, 2021, 2022, 2023 and 2024**  
**(Period: 15 September-05 November)**

**(a) Punjab**

District	15 Sep-05 Nov				
	2020	2021	2022	2023	2024
Amritsar	2918	1556	1437	1432	622
Barnala	2446	1743	1606	577	71
Bathinda	2471	1522	2123	876	204
Faridkot	2857	1745	973	673	112
Fatehgarh Sahib	1308	697	986	707	165
Fazilka	528	415	582	187	39
Firozpur	6395	2790	2406	1830	548
Gurdaspur	2074	1087	825	339	176
Hoshiarpur	359	243	231	79	16
Jalandhar	1461	1195	1070	666	74
Kapurthala	1734	1322	1161	707	248
Ludhiana	2849	2075	1357	818	124
Malerkotla	0	0	0	160	69
Mansa	1835	892	1346	1256	256
Moga	3448	1730	1180	671	158
Muktsar	2355	1608	1085	404	50
Pathankot	11	4	0	3	2
Patiala	4996	2078	2951	1261	414
Rupnagar	176	128	213	39	10
Sangrur	7496	2762	4676	2698	744
SAS NAGAR (Mohali)	122	109	97	130	38
SBS Nagar	98	144	183	128	19
Tarn Taran	5170	3092	2912	1762	596
<b>Total</b>	<b>53107</b>	<b>28937</b>	<b>29400</b>	<b>17403</b>	<b>4755</b>

**(b) Haryana**

District	15 Sep-05 Nov				
	2020	2021	2022	2023	2024
AMBALA	339	241	202	182	79
BHIWANI	3	0	0	2	0
CHARKHI DADRI	0	0	0	0	0
FARIDABAD	1	2	1	3	40
FATEHABAD	378	691	499	296	73
GURGAON	0	0	0	0	0
HISAR	21	28	50	74	24
JHAJJAR	5	0	1	9	4
JIND	137	335	319	212	70
KAITHAL	689	968	585	211	161
KARNAL	536	804	270	96	83
KURUKSHETRA	399	504	291	142	129
MAHENDRAGARH	0	0	0	0	0
MEWAT	0	0	0	0	0
PALWAL	44	83	38	55	36
PANCHKULA	0	0	0	1	18
PANIPAT	22	70	31	20	30
REWARI	0	0	0	0	0
ROHTAK	20	2	2	24	12
SIRSA	76	92	98	52	38
SONIPAT	35	40	18	59	47
YAMUNANAGAR	132	137	125	76	35
<b>Total</b>	<b>2837</b>	<b>3997</b>	<b>2530</b>	<b>1514</b>	<b>879</b>

(c) Uttar Pradesh

District	15 Sep-05 Nov																
	2020	2021	2022	2023	2024	GAUTAMBUDHNAGAR	9	13	10	9	38	MUZAFARNAGAR	7	6	1	3	15
AGRA	5	0	0	4	8	GAZIPUR	0	0	1	1	0	PILHIBHIT	10	174	111	86	52
ALIGARH	97	36	36	81	168	GHAZIABAD	9	5	3	16	14	PRATAPGARH	13	4	3	6	4
ALLAHABAD	6	4	4	4	4	GONDA	6	0	0	0	2	RAIBARELI	6	8	4	4	15
AMBEDKARNAGAR	3	2	1	2	4	GORAKHPUR	7	3	4	3	5	RAMPUR	109	117	70	76	26
AMETHI	2	3	5	5	2	HAMIRPUR	3	0	0	0	0	SAMBHAL	8	9	11	14	87
AMROHA	4	0	0	2	4	HAPUR	8	3	2	1	12	SANTKABIRNAGAR	10	2	4	4	4
AURAIYA	39	17	9	25	1	HARDOI	55	43	19	56	63	SANTRAVIDASNAGAR	1	0	0	0	0
AZAMGARH	7	0	0	3	0	HATHRAS	0	0	1	2	14	SHAHJAHANPUR	86	300	252	60	90
BADAUN	8	12	0	4	21	JALAUN	11	0	0	0	0	SHAMLI	27	23	6	6	9
BAGHPAT	5	6	2	1	5	JAUNPUR	7	3	0	3	2	SHARANPUR	70	46	12	10	9
BAHRAICH	80	16	10	16	10	JHANSI	70	21	13	79	42	SHRAWASTI	29	10	5	13	11
BALLIA	8	0	0	0	3	KANNAUJ	21	2	1	2	14	SIDDHARTHANAGAR	17	14	1	5	13
BALRAMPUR	42	5	2	6	1	KANPUR	13	24	12	26	14	SITAPUR	39	31	10	14	57
BANDA	3	2	0	0	1	KANPUR DEHAT	42	12	2	49	28	SONBHADRA	0	0	0	0	0
BARABANKI	32	43	35	52	87	KASGANJ	2	2	0	3	1	SULTANPUR	2	1	1	2	0
BAREILLY	40	33	21	34	23	KAUSHAMBI	26	19	10	29	23	UNNAO	22	6	4	21	24
BASTI	26	8	1	2	5	KHERI	92	115	90	22	30	VARANASI	1	0	0	0	0
BIJNOR	12	8	2	6	5	KUSHINAGAR	14	0	3	4	6	Total	1738	1563	927	1183	1494
BULANDSAHAR	36	2	9	9	37	LALITPUR	1	3	3	5	0						
CHANDAULI	0	0	0	0	0	LUCKNOW	21	16	1	10	16						
CHITRAKOOT	2	3	2	4	0	MAHARAJGANJ	6	8	4	4	25						
DEORIA	18	2	4	3	6	MAHOBA	25	0	0	0	0						
ETAH	15	6	3	18	15	MAINPURI	37	26	14	33	39						
ETAWAH	31	21	10	59	39	MATHURA	125	191	21	88	115						
FAIZABAD	3	0	1	3	6	MAU	2	1	0	0	0						
FARRUKHABAD	3	2	1	1	1	MEERUT	26	8	4	3	11						
FATEHPUR	77	44	44	54	70	MIRZAPUR	6	5	2	0	2						
FIROZABAD	21	11	7	8	15	MORADABAD	12	3	3	5	21						

**(d) Delhi**

District	15 Sep-05 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	3	0	8	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	1	0	0
<b>Total</b>	<b>9</b>	<b>0</b>	<b>9</b>	<b>2</b>	<b>12</b>

**(e) Rajasthan**

District	15 Sep-05 Nov				
	2020	2021	2022	2023	2024
AJMER	3	0	0	0	0
ALWAR	7	0	0	0	0
BANSWARA	0	0	0	0	0
BARAN	151	2	60	323	292
BARMER	3	0	0	0	0
BHARATPUR	2	2	1	3	8
BHILWARA	6	0	0	0	0
BIKANER	1	0	0	0	0
BUNDI	114	41	167	196	321
CHITTAURGARH	0	6	5	9	5
CHURU	0	0	0	0	0
DAUSA	1	0	0	0	0
DHOLPUR	0	0	0	0	0
DUNGARPUR	0	0	1	0	1
GANGANAGAR	26	18	41	37	63
HANUMANGARH	384	135	154	178	276
JAIPUR	3	0	0	0	0
JAISELMER	3	0	0	0	0
JALOR	0	0	0	0	0
JHALAWAR	3	0	5	9	5
JHUNJHUNUN	1	0	0	0	0
JODHPUR	2	0	0	0	0
KARALI	1	0	0	0	1
KOTA	97	18	111	245	217
NAGPUR	2	0	0	0	0
PALI	4	0	0	0	0
PRATAPGARH	8	0	0	0	0
RAJSMAND	1	0	0	0	0
SIKAR	0	0	0	0	0
SIROHI	1	0	0	0	0
SWAIMADHOPUR	60	10	42	57	71
TONK	3	0	0	0	0
UDAIPUR	1	0	0	5	0
<b>Total</b>	<b>888</b>	<b>232</b>	<b>587</b>	<b>1062</b>	<b>1260</b>



**(f) Madhya Pradesh**

District	15 Sep-05 Nov										
	2020	2021	2022	2023	2024	PANNA	37	5	0	7	9
ALIRAJPUR	0	0	0	0	0	RAISEN	332	52	49	138	107
ANUPPUR	0	0	0	0	0	RAJGARH	10	1	3	9	2
ASHOKNAGAR	138	40	80	229	353	RATLAM	1	1	0	2	0
BALAGHAT	0	0	0	0	1	REWA	62	17	8	13	24
BARWANI	2	0	0	3	1	SAGAR	25	22	42	81	71
BETUL	20	9	2	18	13	SATNA	288	60	19	55	68
BHIND	132	19	60	119	101	SEHORE	113	64	82	100	74
BHOPAL	37	18	12	30	25	SEONI	1042	675	283	592	267
BURHANPUR	7	1	0	7	0	SHAHDOL	2	0	0	2	1
CHHATARPUR	7	0	0	3	3	SHAJAPUR	7	0	0	12	24
CHHINDWARA	78	32	40	74	11	SHEOPUR	923	102	564	1488	249
DAMOH	62	39	32	63	50	SHIVPURI	149	14	34	96	138
DATIA	726	83	146	486	210	SIDHI	1	2	1	0	0
DEWAS	7	0	0	10	7	SINGRAULI	0	0	1	3	6
DHAR	36	0	0	37	14	TIKAMGARH	4	0	0	5	0
DINDORI	0	0	0	1	0	UJJAIN	5	0	0	14	9
EAST NIMAR	18	6	10	9	18	UMARIA	3	1	0	2	6
GUNA	58	2	74	402	568	VIDESHA	113	34	34	92	92
GWALIOR	841	51	127	175	92	WEST NIMAR	35	7	3	29	5
HARDA	13	19	9	27	11	<b>Total</b>	<b>6956</b>	<b>2085</b>	<b>2246</b>	<b>5563</b>	<b>3377</b>
HOSHANGABAD	834	521	346	685	384						
INDORE	4	0	0	12	12						
JABALPUR	380	63	78	241	150						
JHABUA	0	0	0	0	0						
KATNI	154	7	14	46	38						
MANDLA	60	46	10	22	13						
MANDSAUR	9	0	0	3	16						
MORENA	60	31	14	45	59						
NARSHIMAPURA	120	41	69	75	73						
NIMACH	1	0	0	1	2						

**State-wise and date-wise number of paddy residue burning events detected in 2020 ,2021 ,2022, 2023 and 2024**  
**(Period: 15 September-05 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



20-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
21-Sep	0	0	0	0	0	1	0	1	0	0	2	0	0	0	1
22-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23-Sep	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
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

<b>27-Oct</b>	0	0	0	0	0	42	1	21	73	60	294	62	38	256	130
<b>28-Oct</b>	0	0	0	0	0	45	4	46	12	65	537	110	143	202	160
<b>29-Oct</b>	0	0	0	0	0	29	23	37	73	93	349	97	151	372	175
<b>30-Oct</b>	0	0	0	0	0	17	20	55	37	89	428	168	119	224	131
<b>31-Oct</b>	0	0	0	0	0	37	15	36	33	85	455	299	112	360	145
<b>01-Nov</b>	0	0	1	0	0	51	5	27	60	68	709	198	142	509	226
<b>02-Nov</b>	0	0	0	0	0	55	19	63	40	80	820	214	284	401	296
<b>03-Nov</b>	1	0	1	0	0	34	20	54	38	36	771	148	323	552	67
<b>04-Nov</b>	0	0	2	0	0	46	19	34	21	98	618	123	348	408	506
<b>05-Nov</b>	0	0	0	0	0	46	45	91	59	90	474	320	319	698	502
<b>Total</b>	<b>9</b>	<b>0</b>	<b>9</b>	<b>2</b>	<b>12</b>	<b>888</b>	<b>232</b>	<b>587</b>	<b>1062</b>	<b>1260</b>	<b>6956</b>	<b>2085</b>	<b>2246</b>	<b>5563</b>	<b>3377</b>

### Details of residue burning events in Punjab on 05-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	JPSS-1	31.97994	74.91199	13:05:00	D	7.24
2	AMRITSAR	ATTARI	AQUA	31.55019	74.86661	14:17:00	D	6.26
3	AMRITSAR	CHOGAWAN	JPSS-1	31.73350	74.55106	13:05:00	D	4.90
4	AMRITSAR	RAYYA	JPSS-1	31.57876	75.31237	13:05:00	D	2.39
5	AMRITSAR	RAYYA	JPSS-1	31.64164	75.26630	01:48:00	N	0.51
6	AMRITSAR	TARSIKKA	JPSS-1	31.66953	75.21746	13:05:00	D	7.00
7	BARNALA	BARNALA	JPSS-1	30.18768	75.50498	13:07:00	D	4.70
8	BARNALA	BARNALA	JPSS-1	30.20108	75.40118	13:07:00	D	2.63
9	BARNALA	BARNALA	JPSS-1	30.25668	75.61214	13:07:00	D	3.98
10	BARNALA	BARNALA	AQUA	30.39730	75.66307	14:17:00	D	8.82
11	BARNALA	BARNALA	AQUA	30.43353	75.64180	14:17:00	D	5.75
12	BARNALA	SEHNA	JPSS-1	30.47080	75.44471	13:07:00	D	4.40
13	BARNALA	SEHNA	JPSS-1	30.47257	75.45326	13:07:00	D	17.12
14	BARNALA	SEHNA	JPSS-1	30.47274	75.44418	13:07:00	D	3.72
15	BARNALA	SEHNA	JPSS-1	30.47446	75.45277	13:07:00	D	23.34
16	BARNALA	SEHNA	JPSS-1	30.47665	75.45216	13:07:00	D	3.11
17	BARNALA	SEHNA	AQUA	30.28841	75.34218	14:17:00	D	9.07
18	BARNALA	SEHNA	AQUA	30.30704	75.39104	14:17:00	D	11.57
19	BARNALA	SEHNA	AQUA	30.30924	75.40379	14:17:00	D	13.36
20	BATHINDA	BATHINDA	JPSS-1	30.09319	74.96294	13:07:00	D	1.82
21	BATHINDA	BATHINDA	JPSS-1	30.15105	74.88520	13:07:00	D	9.87
22	BATHINDA	BATHINDA	JPSS-1	30.23908	74.84371	13:07:00	D	3.69
23	BATHINDA	BATHINDA	JPSS-1	30.24131	74.84546	13:07:00	D	3.16
24	BATHINDA	BATHINDA	AQUA	30.13038	75.08591	14:17:00	D	8.74
25	BATHINDA	BATHINDA	AQUA	30.20227	74.85233	14:17:00	D	7.12
26	BATHINDA	BHAGTA BHAI KA	AQUA	30.51244	75.25706	14:17:00	D	6.77
27	BATHINDA	GONIANA MANDI	AQUA	30.38313	74.88183	14:17:00	D	9.36
28	BATHINDA	MAUR	JPSS-1	30.01107	75.24644	13:07:00	D	3.28
29	BATHINDA	MAUR	JPSS-1	30.04538	75.11372	13:07:00	D	5.41

30	BATHINDA	MAUR	AQUA	29.98530	75.20133	14:17:00	D	15.46
31	BATHINDA	MAUR	AQUA	30.09301	75.17030	14:17:00	D	12.90
32	BATHINDA	NATHANA	JPSS-1	30.35059	75.07892	13:07:00	D	6.68
33	BATHINDA	NATHANA	JPSS-1	30.35152	75.08342	13:07:00	D	6.68
34	BATHINDA	NATHANA	JPSS-1	30.37092	75.13496	13:07:00	D	4.56
35	BATHINDA	PHUL	JPSS-1	30.34320	75.17081	13:07:00	D	2.68
36	BATHINDA	PHUL	JPSS-1	30.39578	75.27765	13:07:00	D	2.12
37	BATHINDA	PHUL	JPSS-1	30.40332	75.22919	13:07:00	D	4.65
38	BATHINDA	PHUL	AQUA	30.36432	75.18275	14:17:00	D	7.50
39	BATHINDA	RAMPURA	JPSS-1	30.15326	75.12456	13:07:00	D	2.57
40	BATHINDA	RAMPURA	JPSS-1	30.16504	75.26754	13:07:00	D	2.24
41	BATHINDA	RAMPURA	JPSS-1	30.27659	75.27577	13:07:00	D	4.48
42	BATHINDA	RAMPURA	AQUA	30.15200	75.14973	14:17:00	D	8.13
43	BATHINDA	RAMPURA	AQUA	30.17497	75.28049	14:17:00	D	7.16
44	BATHINDA	RAMPURA	AQUA	30.17647	75.34734	14:17:00	D	10.74
45	BATHINDA	RAMPURA	AQUA	30.17872	75.36018	14:17:00	D	9.67
46	BATHINDA	RAMPURA	AQUA	30.26965	75.29301	14:17:00	D	9.60
47	BATHINDA	SANGAT	AQUA	30.09189	74.87009	14:17:00	D	9.06
48	BATHINDA	SANGAT	AQUA	30.12173	74.91980	14:17:00	D	22.50
49	BATHINDA	TALWANDI SABO	JPSS-1	29.92802	75.12019	13:07:00	D	2.75
50	BATHINDA	TALWANDI SABO	AQUA	30.02307	74.95008	14:17:00	D	9.65
51	FARIDKOT	FARIDKOT	JPSS-1	30.58289	74.67390	13:05:00	D	12.23
52	FARIDKOT	FARIDKOT	JPSS-1	30.58387	74.67860	13:05:00	D	9.78
53	FARIDKOT	FARIDKOT	JPSS-1	30.74430	74.76912	13:05:00	D	4.35
54	FARIDKOT	FARIDKOT	JPSS-1	30.74526	74.77374	13:05:00	D	3.69
55	FARIDKOT	FARIDKOT	JPSS-1	30.74965	74.70875	13:05:00	D	6.90
56	FARIDKOT	FARIDKOT	JPSS-1	30.75061	74.71339	13:05:00	D	6.35
57	FARIDKOT	FARIDKOT	JPSS-1	30.75093	74.49083	13:05:00	D	3.80
58	FARIDKOT	FARIDKOT	JPSS-1	30.75195	74.49560	13:05:00	D	7.24
59	FARIDKOT	FARIDKOT	AQUA	30.61345	74.72182	14:17:00	D	64.52
60	FARIDKOT	FARIDKOT	AQUA	30.63626	74.67313	14:17:00	D	11.16
61	FARIDKOT	FARIDKOT	AQUA	30.70103	74.75208	14:17:00	D	7.07
62	FARIDKOT	FARIDKOT	AQUA	30.72933	74.55772	14:17:00	D	22.57

63	FARIDKOT	FARIDKOT	AQUA	30.73182	74.57169	14:17:00	D	53.03
64	FARIDKOT	FARIDKOT	AQUA	30.77713	74.71280	14:17:00	D	11.09
65	FARIDKOT	FARIDKOT	AQUA	30.77961	74.72646	14:17:00	D	16.48
66	FARIDKOT	FARIDKOT	AQUA	30.77972	74.66920	14:17:00	D	12.07
67	FARIDKOT	FARIDKOT	AQUA	30.78729	74.65298	14:17:00	D	64.19
68	FARIDKOT	FARIDKOT	AQUA	30.78978	74.66674	14:17:00	D	25.80
69	FARIDKOT	JAITON	AQUA	30.39794	74.90646	14:17:00	D	9.03
70	FARIDKOT	JAITON	AQUA	30.43442	74.99560	14:17:00	D	11.18
71	FARIDKOT	JAITON	AQUA	30.43675	75.00893	14:17:00	D	25.56
72	FARIDKOT	JAITON	AQUA	30.44178	74.86098	14:17:00	D	6.71
73	FARIDKOT	JAITON	AQUA	30.45117	74.97099	14:17:00	D	20.76
74	FARIDKOT	JAITON	AQUA	30.51374	74.91396	14:17:00	D	21.16
75	FARIDKOT	JAITON	AQUA	30.51447	74.86617	14:17:00	D	9.17
76	FARIDKOT	JAITON	AQUA	30.51610	74.92740	14:17:00	D	13.72
77	FARIDKOT	JAITON	AQUA	30.51845	74.94081	14:17:00	D	6.89
78	FARIDKOT	KOT KAPURA	JPSS-1	30.56633	74.72318	13:05:00	D	3.83
79	FATEHGARH SAHIB	AMLOH	JPSS-1	30.67670	76.21387	13:07:00	D	4.51
80	FIROZPUR	FIROZPUR	JPSS-1	30.82957	74.56418	13:05:00	D	4.47
81	FIROZPUR	FIROZPUR	JPSS-1	30.83195	74.56498	13:05:00	D	2.21
82	FIROZPUR	FIROZPUR	JPSS-1	31.05098	74.67799	13:05:00	D	13.70
83	FIROZPUR	FIROZPUR	AQUA	31.04607	74.71472	14:17:00	D	6.81
84	FIROZPUR	FIROZPUR	AQUA	31.04619	74.65786	14:17:00	D	9.98
85	FIROZPUR	FIROZPUR	AQUA	31.04816	74.71962	14:17:00	D	8.49
86	FIROZPUR	GHALL KHURD	JPSS-1	30.82907	74.77641	13:05:00	D	4.80
87	FIROZPUR	GHALL KHURD	JPSS-1	30.89340	74.76933	13:05:00	D	5.75
88	FIROZPUR	GHALL KHURD	JPSS-1	30.90081	74.82531	13:05:00	D	7.38
89	FIROZPUR	GHALL KHURD	JPSS-1	30.90211	74.74743	13:05:00	D	62.66
90	FIROZPUR	GHALL KHURD	JPSS-1	30.98791	74.69578	13:05:00	D	15.12
91	FIROZPUR	GHALL KHURD	JPSS-1	30.98896	74.76357	13:05:00	D	3.97
92	FIROZPUR	GHALL KHURD	AQUA	30.98582	74.72078	14:17:00	D	9.29
93	FIROZPUR	MAKHU	AQUA	31.10973	75.13162	14:17:00	D	6.46
94	FIROZPUR	MAMDOT	JPSS-1	30.77884	74.47279	13:05:00	D	3.92
95	FIROZPUR	MAMDOT	JPSS-1	30.78461	74.52170	13:05:00	D	3.42



96	FIROZPUR	MAMDOT	JPSS-1	30.81749	74.39217	13:05:00	D	2.48
97	FIROZPUR	MAMDOT	JPSS-1	30.84370	74.45093	13:05:00	D	10.20
98	FIROZPUR	MAMDOT	JPSS-1	30.89975	74.48054	13:05:00	D	3.06
99	FIROZPUR	MAMDOT	AQUA	30.79004	74.43324	14:17:00	D	9.01
100	FIROZPUR	MAMDOT	AQUA	30.79767	74.47569	14:17:00	D	6.65
101	FIROZPUR	MAMDOT	AQUA	30.79809	74.32131	14:17:00	D	8.86
102	FIROZPUR	MAMDOT	AQUA	30.81287	74.50133	14:17:00	D	11.02
103	FIROZPUR	MAMDOT	AQUA	30.81628	74.36177	14:17:00	D	7.88
104	FIROZPUR	MAMDOT	AQUA	30.81890	74.37605	14:17:00	D	7.63
105	FIROZPUR	MAMDOT	AQUA	30.81933	74.49431	14:17:00	D	11.33
106	FIROZPUR	MAMDOT	AQUA	30.89044	74.47671	14:17:00	D	17.45
107	FIROZPUR	MAMDOT	AQUA	30.92059	74.47737	14:17:00	D	8.02
108	FIROZPUR	MAMDOT	AQUA	30.94849	74.45577	14:17:00	D	11.14
109	FIROZPUR	ZIRA	JPSS-1	31.02811	74.94867	13:05:00	D	2.87
110	FIROZPUR	ZIRA	AQUA	30.92089	74.93897	14:17:00	D	7.50
111	FIROZPUR	ZIRA	AQUA	30.92368	74.89676	14:17:00	D	18.06
112	GURDASPUR	DERA BABA NANAK	JPSS-1	32.03003	75.05267	13:05:00	D	3.61
113	GURDASPUR	DHARIWAL	JPSS-1	31.96156	75.25822	13:05:00	D	3.31
114	GURDASPUR	GURDASPUR	JPSS-1	32.05395	75.25517	13:05:00	D	1.96
115	GURDASPUR	KAHNUWAN	JPSS-1	31.81817	75.50957	13:05:00	D	3.61
116	GURDASPUR	KAHNUWAN	AQUA	31.87676	75.49746	14:17:00	D	14.40
117	HOSHIARPUR	TANDA	AQUA	31.64610	75.49514	14:17:00	D	11.07
118	JALANDHAR	LOHIAN	JPSS-1	31.15376	75.21948	13:05:00	D	4.25
119	JALANDHAR	LOHIAN	AQUA	31.09694	75.17484	14:17:00	D	13.77
120	JALANDHAR	LOHIAN	AQUA	31.12958	75.24669	14:17:00	D	10.50
121	JALANDHAR	MEHATPUR	JPSS-1	30.99478	75.41475	13:05:00	D	4.35
122	JALANDHAR	MEHATPUR	JPSS-1	30.99892	75.45285	01:48:00	N	1.70
123	JALANDHAR	NUR MAHAL	JPSS-1	31.00001	75.62827	01:48:00	N	1.73
124	JALANDHAR	NUR MAHAL	JPSS-1	31.00032	75.62661	01:48:00	N	1.48
125	KAPURTHALA	DHILWAN	JPSS-1	31.45229	75.35626	13:05:00	D	1.31
126	KAPURTHALA	DHILWAN	JPSS-1	31.52754	75.39281	13:05:00	D	4.53
127	KAPURTHALA	DHILWAN	AQUA	31.41645	75.21965	14:17:00	D	12.78
128	KAPURTHALA	KAPURTHALA	JPSS-1	31.30667	75.28261	13:05:00	D	1.67

129	KAPURTHALA	NADALA	JPSS-1	31.64770	75.48579	13:05:00	D	11.83
130	KAPURTHALA	NADALA	AQUA	31.60722	75.44073	14:17:00	D	10.77
131	KAPURTHALA	NADALA	AQUA	31.60931	75.45300	14:17:00	D	6.92
132	KAPURTHALA	NADALA	AQUA	31.63455	75.48519	14:17:00	D	17.43
133	KAPURTHALA	NADALA	AQUA	31.64404	75.48293	14:17:00	D	20.19
134	KAPURTHALA	NADALA	AQUA	31.64959	75.48776	14:17:00	D	26.60
135	KAPURTHALA	SULTANPUR LODHI	JPSS-1	31.17929	75.08121	13:05:00	D	4.67
136	KAPURTHALA	SULTANPUR LODHI	JPSS-1	31.31476	75.14125	13:05:00	D	4.15
137	LUDHIANA	JAGRAON	JPSS-1	30.63163	75.46120	13:05:00	D	15.14
138	LUDHIANA	JAGRAON	JPSS-1	30.63888	75.45475	13:05:00	D	2.02
139	LUDHIANA	JAGRAON	JPSS-1	30.69630	75.50616	13:05:00	D	8.54
140	LUDHIANA	JAGRAON	AQUA	30.72836	75.48411	14:17:00	D	6.90
141	LUDHIANA	JAGRAON	AQUA	30.76254	75.45004	14:17:00	D	13.68
142	LUDHIANA	MALOUD	JPSS-1	30.59556	75.93116	13:07:00	D	3.11
143	LUDHIANA	PAKHOWAL	AQUA	30.73098	75.69526	14:17:00	D	8.64
144	LUDHIANA	RAIKOT	AQUA	30.66532	75.54436	14:17:00	D	10.16
145	LUDHIANA	RAIKOT	AQUA	30.69413	75.53760	14:17:00	D	6.09
146	LUDHIANA	SIDHWAN BET	JPSS-1	30.94772	75.41426	13:05:00	D	4.22
147	MALERKOTLA	AMARGARH	JPSS-1	30.38599	76.02415	13:07:00	D	2.55
148	MALERKOTLA	AMARGARH	JPSS-1	30.45094	75.95203	13:07:00	D	2.68
149	MALERKOTLA	AMARGARH	JPSS-1	30.51045	75.97120	13:07:00	D	7.23
150	MALERKOTLA	AMARGARH	JPSS-1	30.54215	76.06770	13:07:00	D	6.66
151	MALERKOTLA	AMARGARH	AQUA	30.38144	76.00034	14:17:00	D	14.27
152	MALERKOTLA	AMARGARH	AQUA	30.52770	76.08286	14:17:00	D	7.01
153	MALERKOTLA	MALERKOTLA	JPSS-1	30.51125	75.97520	13:07:00	D	8.71
154	MALERKOTLA	MALERKOTLA	JPSS-1	30.51171	75.85177	13:07:00	D	2.47
155	MALERKOTLA	MALERKOTLA	JPSS-1	30.55322	75.93442	13:07:00	D	2.44
156	MALERKOTLA	MALERKOTLA	AQUA	30.57791	75.83117	14:17:00	D	7.13
157	MANSA	BHIKHI	JPSS-1	30.02497	75.59557	13:07:00	D	13.96
158	MANSA	BHIKHI	JPSS-1	30.02584	75.59984	13:07:00	D	13.96
159	MANSA	BHIKHI	JPSS-1	30.05202	75.60178	13:07:00	D	4.11
160	MANSA	BHIKHI	JPSS-1	30.06774	75.49929	13:07:00	D	3.51
161	MANSA	BHIKHI	AQUA	30.03074	75.57861	14:17:00	D	21.16

162	MANSA	BHIKHI	AQUA	30.03389	75.53860	14:17:00	D	20.74
163	MANSA	BUDHLADA	JPSS-1	29.81483	75.60050	13:07:00	D	13.95
164	MANSA	BUDHLADA	JPSS-1	29.86566	75.62864	13:07:00	D	3.22
165	MANSA	BUDHLADA	JPSS-1	29.88263	75.54270	13:07:00	D	3.08
166	MANSA	BUDHLADA	JPSS-1	29.89789	75.51127	13:07:00	D	3.31
167	MANSA	BUDHLADA	JPSS-1	29.94908	75.61534	13:07:00	D	2.27
168	MANSA	BUDHLADA	JPSS-1	29.98884	75.58727	13:07:00	D	6.49
169	MANSA	BUDHLADA	JPSS-1	30.01727	75.64246	13:07:00	D	4.03
170	MANSA	BUDHLADA	JPSS-1	30.01813	75.64670	13:07:00	D	4.03
171	MANSA	BUDHLADA	JPSS-1	30.03140	75.66993	13:07:00	D	4.03
172	MANSA	BUDHLADA	JPSS-1	30.03546	75.66885	13:07:00	D	4.03
173	MANSA	BUDHLADA	AQUA	29.80176	75.63741	14:17:00	D	6.63
174	MANSA	BUDHLADA	AQUA	29.84711	75.47537	14:17:00	D	15.85
175	MANSA	BUDHLADA	AQUA	29.84932	75.48814	14:17:00	D	11.14
176	MANSA	BUDHLADA	AQUA	29.86665	75.47079	14:17:00	D	13.78
177	MANSA	BUDHLADA	AQUA	29.87222	75.56204	14:17:00	D	7.81
178	MANSA	BUDHLADA	AQUA	29.89260	75.73933	14:17:00	D	10.47
179	MANSA	BUDHLADA	AQUA	29.89472	75.75170	14:17:00	D	12.30
180	MANSA	BUDHLADA	AQUA	29.98395	75.55688	14:17:00	D	8.92
181	MANSA	BUDHLADA	AQUA	29.99679	75.63222	14:17:00	D	9.49
182	MANSA	BUDHLADA	AQUA	29.99859	75.62518	14:17:00	D	15.36
183	MANSA	BUDHLADA	AQUA	30.02759	75.61843	14:17:00	D	11.69
184	MANSA	JHUNIR	JPSS-1	29.87953	75.37799	13:07:00	D	3.17
185	MANSA	JHUNIR	JPSS-1	29.92846	75.27212	13:07:00	D	11.70
186	MANSA	JHUNIR	AQUA	29.80728	75.36416	14:17:00	D	13.92
187	MANSA	JHUNIR	AQUA	29.90732	75.34878	14:17:00	D	8.07
188	MANSA	JHUNIR	AQUA	29.97540	75.20367	14:17:00	D	9.10
189	MANSA	MANSA	JPSS-1	29.93057	75.38824	13:07:00	D	4.05
190	MANSA	MANSA	JPSS-1	29.95558	75.44607	13:07:00	D	5.50
191	MANSA	MANSA	JPSS-1	29.98119	75.44378	13:07:00	D	7.87
192	MANSA	MANSA	JPSS-1	30.11816	75.38498	13:07:00	D	1.73
193	MANSA	MANSA	AQUA	30.02244	75.35541	14:17:00	D	30.40
194	MANSA	MANSA	AQUA	30.07268	75.40503	14:17:00	D	7.30

195	MANSA	SARDULGARH	AQUA	29.67513	75.32046	14:17:00	D	11.90
196	MOGA	BAGHA PURANA	JPSS-1	30.50549	75.01981	13:05:00	D	3.26
197	MOGA	BAGHA PURANA	JPSS-1	30.53147	75.01741	13:05:00	D	6.83
198	MOGA	BAGHA PURANA	JPSS-1	30.60789	74.98351	13:05:00	D	7.57
199	MOGA	BAGHA PURANA	JPSS-1	30.65206	75.21549	13:05:00	D	10.13
200	MOGA	BAGHA PURANA	AQUA	30.52022	75.00993	14:17:00	D	14.37
201	MOGA	BAGHA PURANA	AQUA	30.52255	75.02319	14:17:00	D	44.61
202	MOGA	BAGHA PURANA	AQUA	30.53013	75.00753	14:17:00	D	13.19
203	MOGA	BAGHA PURANA	AQUA	30.53245	75.02081	14:17:00	D	6.07
204	MOGA	KOT ISE KHAN AT DHARAMKOT	JPSS-1	30.89019	75.32220	13:05:00	D	3.31
205	MOGA	MOGA 1	JPSS-1	30.73972	75.28336	13:05:00	D	2.85
206	MOGA	MOGA 1	JPSS-1	30.75258	75.26151	13:05:00	D	5.65
207	MOGA	MOGA 1	JPSS-1	30.82907	75.22388	13:05:00	D	1.82
208	MOGA	MOGA 2	AQUA	30.84530	74.97657	14:17:00	D	9.80
209	MOGA	NIHAL SINGH	JPSS-1	30.54589	75.27558	13:05:00	D	3.73
210	MOGA	NIHAL SINGH	JPSS-1	30.60745	75.36398	13:05:00	D	3.94
211	MOGA	NIHAL SINGH	AQUA	30.54463	75.38249	14:17:00	D	6.04
212	MOGA	NIHAL SINGH	AQUA	30.55154	75.24775	14:17:00	D	11.19
213	MOGA	NIHAL SINGH	AQUA	30.60720	75.39404	14:17:00	D	7.73
214	MUKTSAR	KOT BHAI AT GIDDERBAHA	JPSS-1	30.36659	74.79918	13:07:00	D	3.16
215	MUKTSAR	LAMBI	JPSS-1	30.03216	74.47639	13:07:00	D	3.80
216	MUKTSAR	MUKTSAR	AQUA	30.52778	74.59008	14:17:00	D	30.00
217	PATHANKOT	BAMIAL	JPSS-1	32.29477	75.35854	13:05:00	D	5.72
218	PATIALA	BHUNARHERI	AQUA	30.20467	76.43265	14:17:00	D	6.21
219	PATIALA	BHUNARHERI	AQUA	30.20655	76.44408	14:17:00	D	12.94
220	PATIALA	NABHA	AQUA	30.52810	76.14360	14:17:00	D	13.24
221	PATIALA	PATIALA	JPSS-1	30.37770	76.24310	13:07:00	D	32.81
222	PATIALA	PATRAN	JPSS-1	29.91671	75.94112	13:07:00	D	2.06
223	PATIALA	PATRAN	AQUA	29.97015	76.19711	14:17:00	D	5.52
224	PATIALA	SAMANA	JPSS-1	30.21259	76.13141	13:07:00	D	5.98
225	PATIALA	SAMANA	JPSS-1	30.21654	76.13037	13:07:00	D	2.91
226	PATIALA	SAMANA	JPSS-1	30.21811	76.07542	13:07:00	D	5.65
227	SANGRUR	ANDANA	JPSS-1	29.78545	75.96083	13:07:00	D	2.68

228	SANGRUR	ANDANA	JPSS-1	29.88311	76.00524	13:07:00	D	1.67
229	SANGRUR	ANDANA	AQUA	29.78434	75.88571	14:17:00	D	12.92
230	SANGRUR	ANDANA	AQUA	29.85407	75.94547	14:17:00	D	7.08
231	SANGRUR	ANDANA	AQUA	29.86422	76.00578	14:17:00	D	20.90
232	SANGRUR	ANDANA	AQUA	29.86624	76.01778	14:17:00	D	21.38
233	SANGRUR	BHAWANIGARH	JPSS-1	30.18709	76.02455	13:07:00	D	4.75
234	SANGRUR	BHAWANIGARH	JPSS-1	30.23474	76.09627	13:07:00	D	8.22
235	SANGRUR	BHAWANIGARH	JPSS-1	30.23795	75.96434	13:07:00	D	19.29
236	SANGRUR	BHAWANIGARH	JPSS-1	30.23875	75.96839	13:07:00	D	7.13
237	SANGRUR	BHAWANIGARH	JPSS-1	30.24259	76.13605	13:07:00	D	3.77
238	SANGRUR	BHAWANIGARH	JPSS-1	30.27113	75.99918	13:07:00	D	9.08
239	SANGRUR	BHAWANIGARH	JPSS-1	30.28088	76.06834	13:07:00	D	4.51
240	SANGRUR	BHAWANIGARH	JPSS-1	30.29515	76.07716	13:07:00	D	11.66
241	SANGRUR	BHAWANIGARH	JPSS-1	30.29903	76.03408	13:07:00	D	20.95
242	SANGRUR	BHAWANIGARH	JPSS-1	30.31729	76.16721	13:07:00	D	2.90
243	SANGRUR	BHAWANIGARH	JPSS-1	30.33628	76.03266	13:07:00	D	12.01
244	SANGRUR	BHAWANIGARH	AQUA	30.15411	76.06977	14:17:00	D	7.04
245	SANGRUR	BHAWANIGARH	AQUA	30.19779	75.95531	14:17:00	D	10.52
246	SANGRUR	BHAWANIGARH	AQUA	30.19982	75.96730	14:17:00	D	9.42
247	SANGRUR	BHAWANIGARH	AQUA	30.23478	76.05831	14:17:00	D	7.03
248	SANGRUR	BHAWANIGARH	TERRA	30.25207	76.10519	10:44:00	D	8.82
249	SANGRUR	BHAWANIGARH	AQUA	30.26915	76.05611	14:17:00	D	10.24
250	SANGRUR	BHAWANIGARH	AQUA	30.28597	76.03996	14:17:00	D	20.15
251	SANGRUR	BHAWANIGARH	AQUA	30.30737	76.10868	14:17:00	D	11.31
252	SANGRUR	BHAWANIGARH	AQUA	30.30936	76.12044	14:17:00	D	14.32
253	SANGRUR	DHURI	JPSS-1	30.30992	75.92081	13:07:00	D	4.42
254	SANGRUR	DHURI	JPSS-1	30.32618	75.77044	13:07:00	D	3.88
255	SANGRUR	DHURI	JPSS-1	30.34310	75.77028	13:07:00	D	4.13
256	SANGRUR	DHURI	JPSS-1	30.36969	75.77623	13:07:00	D	2.28
257	SANGRUR	DHURI	JPSS-1	30.39171	75.84389	13:07:00	D	3.87
258	SANGRUR	DHURI	JPSS-1	30.39571	75.84283	13:07:00	D	2.78
259	SANGRUR	DHURI	AQUA	30.41116	75.94399	14:17:00	D	8.54
260	SANGRUR	DHURI	AQUA	30.41316	75.95595	14:17:00	D	7.10

261	SANGRUR	DIRBA	JPSS-1	29.98268	75.97538	13:07:00	D	7.31
262	SANGRUR	DIRBA	JPSS-1	30.01232	75.99754	13:07:00	D	5.99
263	SANGRUR	DIRBA	JPSS-1	30.02269	75.98624	13:07:00	D	2.59
264	SANGRUR	DIRBA	JPSS-1	30.08349	76.05546	13:07:00	D	17.47
265	SANGRUR	DIRBA	JPSS-1	30.11037	75.93752	13:07:00	D	2.10
266	SANGRUR	DIRBA	AQUA	30.09538	75.89664	14:17:00	D	8.96
267	SANGRUR	DIRBA	AQUA	30.10022	75.98305	14:17:00	D	8.51
268	SANGRUR	LEHRA GAGA	JPSS-1	29.91570	75.81082	13:07:00	D	12.02
269	SANGRUR	LEHRA GAGA	JPSS-1	29.95681	75.78232	13:07:00	D	5.37
270	SANGRUR	LEHRA GAGA	JPSS-1	29.97251	75.83957	13:07:00	D	10.63
271	SANGRUR	LEHRA GAGA	JPSS-1	29.99840	75.86320	13:07:00	D	7.55
272	SANGRUR	LEHRA GAGA	JPSS-1	30.01371	75.87673	13:07:00	D	2.64
273	SANGRUR	LEHRA GAGA	AQUA	29.89774	75.82769	14:17:00	D	9.15
274	SANGRUR	LEHRA GAGA	AQUA	29.92106	75.84773	14:17:00	D	8.71
275	SANGRUR	LEHRA GAGA	AQUA	29.92313	75.85994	14:17:00	D	12.56
276	SANGRUR	LEHRA GAGA	AQUA	29.92520	75.87212	14:17:00	D	6.38
277	SANGRUR	LEHRA GAGA	AQUA	29.96219	75.89608	14:17:00	D	11.15
278	SANGRUR	LEHRA GAGA	AQUA	29.96429	75.90820	14:17:00	D	8.36
279	SANGRUR	LEHRA GAGA	AQUA	29.98995	75.82645	14:17:00	D	18.93
280	SANGRUR	SANGRUR	JPSS-1	30.18920	75.93021	13:07:00	D	4.43
281	SANGRUR	SANGRUR	JPSS-1	30.19250	75.75594	13:07:00	D	19.72
282	SANGRUR	SANGRUR	JPSS-1	30.19800	75.93217	13:07:00	D	8.40
283	SANGRUR	SANGRUR	JPSS-1	30.23220	75.78606	13:07:00	D	4.33
284	SANGRUR	SANGRUR	JPSS-1	30.24928	75.93262	13:07:00	D	2.52
285	SANGRUR	SANGRUR	JPSS-1	30.27802	75.92928	13:07:00	D	5.47
286	SANGRUR	SANGRUR	JPSS-1	30.28201	75.92823	13:07:00	D	5.47
287	SANGRUR	SANGRUR	JPSS-1	30.29675	75.81236	13:07:00	D	6.60
288	SANGRUR	SANGRUR	JPSS-1	30.29722	75.94128	13:07:00	D	3.64
289	SANGRUR	SANGRUR	JPSS-1	30.29871	75.90668	13:07:00	D	2.87
290	SANGRUR	SANGRUR	AQUA	30.16392	75.58122	14:17:00	D	7.69
291	SANGRUR	SANGRUR	AQUA	30.19378	75.61962	14:17:00	D	5.31
292	SANGRUR	SANGRUR	AQUA	30.19595	75.63205	14:17:00	D	14.27
293	SANGRUR	SANGRUR	AQUA	30.20095	75.74020	14:17:00	D	8.29

294	SANGRUR	SANGRUR	AQUA	30.22420	75.93678	14:17:00	D	11.61
295	SANGRUR	SANGRUR	AQUA	30.24340	75.96310	14:17:00	D	12.36
296	SANGRUR	SANGRUR	AQUA	30.27563	75.80529	14:17:00	D	15.12
297	SANGRUR	SHER PUR	JPSS-1	30.32303	75.69254	13:07:00	D	3.33
298	SANGRUR	SHER PUR	JPSS-1	30.36355	75.70364	13:07:00	D	6.46
299	SANGRUR	SHER PUR	JPSS-1	30.38203	75.68991	13:07:00	D	2.05
300	SANGRUR	SHER PUR	JPSS-1	30.42771	75.74896	13:07:00	D	4.75
301	SANGRUR	SHER PUR	JPSS-1	30.45832	75.75383	13:07:00	D	3.91
302	SANGRUR	SHER PUR	JPSS-1	30.48582	75.78551	13:07:00	D	2.47
303	SANGRUR	SHER PUR	JPSS-1	30.51138	75.76563	13:07:00	D	5.44
304	SANGRUR	SHER PUR	AQUA	30.36069	75.70387	14:17:00	D	6.23
305	SANGRUR	SHER PUR	AQUA	30.43564	75.65414	14:17:00	D	17.03
306	SANGRUR	SHER PUR	AQUA	30.43775	75.66645	14:17:00	D	6.46
307	SANGRUR	SHER PUR	AQUA	30.46731	75.72334	14:17:00	D	6.34
308	SANGRUR	SHER PUR	AQUA	30.47686	75.72111	14:17:00	D	7.90
309	SANGRUR	SUNAM	JPSS-1	29.99615	75.72810	13:07:00	D	5.94
310	SANGRUR	SUNAM	JPSS-1	30.02039	75.80527	13:07:00	D	6.58
311	SANGRUR	SUNAM	JPSS-1	30.02124	75.80943	13:07:00	D	4.61
312	SANGRUR	SUNAM	JPSS-1	30.02744	75.88179	13:07:00	D	5.77
313	SANGRUR	SUNAM	JPSS-1	30.02913	75.78544	13:07:00	D	6.34
314	SANGRUR	SUNAM	JPSS-1	30.04074	75.71625	13:07:00	D	3.98
315	SANGRUR	SUNAM	JPSS-1	30.05053	75.72249	13:07:00	D	4.82
316	SANGRUR	SUNAM	JPSS-1	30.06465	75.77161	13:07:00	D	5.95
317	SANGRUR	SUNAM	JPSS-1	30.09053	75.77348	13:07:00	D	3.73
318	SANGRUR	SUNAM	JPSS-1	30.09417	75.87711	13:07:00	D	3.27
319	SANGRUR	SUNAM	JPSS-1	30.09447	75.75047	13:07:00	D	3.11
320	SANGRUR	SUNAM	JPSS-1	30.09695	75.74625	13:07:00	D	10.59
321	SANGRUR	SUNAM	JPSS-1	30.09781	75.75043	13:07:00	D	10.59
322	SANGRUR	SUNAM	JPSS-1	30.10546	75.78788	13:07:00	D	6.70
323	SANGRUR	SUNAM	JPSS-1	30.10759	75.75662	13:07:00	D	3.66
324	SANGRUR	SUNAM	JPSS-1	30.10844	75.76079	13:07:00	D	4.55
325	SANGRUR	SUNAM	JPSS-1	30.12120	75.73981	13:07:00	D	9.67
326	SANGRUR	SUNAM	JPSS-1	30.12564	75.88683	13:07:00	D	4.35

327	SANGRUR	SUNAM	JPSS-1	30.14538	75.62703	13:07:00	D	6.15
328	SANGRUR	SUNAM	JPSS-1	30.18181	75.72363	13:07:00	D	3.55
329	SANGRUR	SUNAM	AQUA	30.02882	75.79816	14:17:00	D	5.94
330	SANGRUR	SUNAM	AQUA	30.03234	75.84206	14:17:00	D	12.71
331	SANGRUR	SUNAM	AQUA	30.04053	75.89071	14:17:00	D	13.43
332	SANGRUR	SUNAM	AQUA	30.04160	75.75696	14:17:00	D	12.65
333	SANGRUR	SUNAM	AQUA	30.04907	75.74244	14:17:00	D	16.35
334	SANGRUR	SUNAM	AQUA	30.05429	75.83038	14:17:00	D	11.75
335	SANGRUR	SUNAM	AQUA	30.07220	75.87680	14:17:00	D	5.55
336	SANGRUR	SUNAM	AQUA	30.07266	75.64686	14:17:00	D	7.59
337	SANGRUR	SUNAM	AQUA	30.08326	75.70889	14:17:00	D	6.86
338	SANGRUR	SUNAM	AQUA	30.08626	75.78491	14:17:00	D	9.05
339	SANGRUR	SUNAM	AQUA	30.10490	75.89445	14:17:00	D	8.75
340	SANGRUR	SUNAM	AQUA	30.11576	75.70875	14:17:00	D	17.36
341	SANGRUR	SUNAM	AQUA	30.13701	75.83121	14:17:00	D	6.02
342	SBS NAGAR	BANGA	JPSS-1	31.18449	75.83533	13:05:00	D	8.45
343	SBS NAGAR	NAWAN SHAHR	JPSS-1	31.07208	76.17605	13:05:00	D	5.28
344	SBS NAGAR	NAWAN SHAHR	JPSS-1	31.07596	76.17502	13:05:00	D	5.28
345	TARN TARAN	CHOHLA SAHIB	AQUA	31.31271	75.10531	14:17:00	D	10.43
346	TARN TARAN	GANDIWIND TATLA	JPSS-1	31.53731	74.66598	13:05:00	D	6.72
347	TARN TARAN	GANDIWIND TATLA	AQUA	31.45045	74.71784	14:17:00	D	14.09
348	TARN TARAN	KHADUR SAHIB	JPSS-1	31.48576	75.18629	13:05:00	D	3.37
349	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.35079	74.97483	14:17:00	D	10.58
350	TARN TARAN	NAUSHERA PANNUAN	AQUA	31.38302	74.97399	14:17:00	D	9.42
351	TARN TARAN	PATTI	JPSS-1	31.12054	74.80114	13:05:00	D	8.48
352	TARN TARAN	PATTI	JPSS-1	31.24811	74.80048	13:05:00	D	1.91
353	TARN TARAN	PATTI	JPSS-1	31.34176	74.89272	13:05:00	D	4.79
354	TARN TARAN	PATTI	JPSS-1	31.34310	74.89442	13:05:00	D	4.44
355	TARN TARAN	PATTI	AQUA	31.27886	74.79996	14:17:00	D	10.00
356	TARN TARAN	PATTI	AQUA	31.28124	74.81328	14:17:00	D	9.62
357	TARN TARAN	TARN TARAN	JPSS-1	31.40134	74.85921	13:05:00	D	7.63
358	TARN TARAN	TARN TARAN	JPSS-1	31.43061	74.95878	13:05:00	D	1.54
359	TARN TARAN	TARN TARAN	AQUA	31.40367	74.85964	14:17:00	D	9.45



360	TARN TARAN	TARN TARAN	AQUA	31.43147	74.78371	14:17:00	D	9.81
361	TARN TARAN	VALTOHA	JPSS-1	31.14201	74.52163	13:05:00	D	11.67

**Details of residue burning events in Haryana on 05-Nov-2024**

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	AMBALA	AMBALA-II	JPSS-1	30.16800	76.66744	13:07:00	D	3.04
2	FARIDABAD	FARIDABAD	JPSS-1	28.33834	77.21757	01:51:00	N	0.93
3	FATEHABAD	JAKHAL	AQUA	29.77809	75.73373	14:17:00	D	36.29
4	FATEHABAD	TOHANA	AQUA	29.71456	75.84371	14:17:00	D	9.13
5	FATEHABAD	TOHANA	AQUA	29.72416	75.84151	14:17:00	D	24.07
6	JIND	UCHANA	JPSS-1	29.39704	76.28138	13:07:00	D	6.95
7	JIND	UCHANA	AQUA	29.54631	76.12040	14:17:00	D	11.19
8	SIRSA	SIRSA	JPSS-1	29.51231	74.92936	01:48:00	N	0.39
9	SIRSA	SIRSA	JPSS-1	29.51638	74.96919	01:48:00	N	1.91

### Details of residue burning events in Uttar Pradesh on 05-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AGRA	KURAU	JPSS-1	27.09503	77.71061	01:51:00	N	0.24
2	AGRA	KURAU	JPSS-1	27.09851	77.71120	01:51:00	N	0.42
3	ALLAHABAD	ALLAHABAD	JPSS-1	25.46955	81.87954	13:05:00	D	3.93
4	AMBEDKARNAGAR	ALAPUR	JPSS-1	26.32278	83.07985	13:05:00	D	3.38
5	AMETHI	MUSAFIRKHANA	JPSS-1	26.53581	81.60734	13:05:00	D	3.19
6	BAGHPAT	BARAUT	JPSS-1	29.11220	77.28458	13:07:00	D	7.92
7	BALLIA	BALLIA	JPSS-1	25.74771	83.98633	13:05:00	D	2.01
8	BALRAMPUR	TULSIPUR	JPSS-1	27.60034	82.63057	13:05:00	D	2.32
9	BARABANKI	HAIARGARH	JPSS-1	26.63461	81.21268	13:05:00	D	2.17
10	BARABANKI	HAIARGARH	JPSS-1	26.69084	81.21777	13:05:00	D	9.65
11	BARABANKI	NAWABGANJ	JPSS-1	26.89957	81.24585	13:05:00	D	2.40
12	BARABANKI	NAWABGANJ	JPSS-1	26.92608	81.29828	01:51:00	N	0.31
13	BARABANKI	NAWABGANJ	JPSS-1	26.95555	81.23895	13:05:00	D	1.95
14	BARABANKI	RAMNAGAR	JPSS-1	27.08819	81.42560	13:05:00	D	2.50
15	BARABANKI	RAMSANEHIGHAT	JPSS-1	26.86685	81.57003	13:05:00	D	5.14
16	BAREILLY	MIRGANJ	JPSS-1	28.53165	79.36019	01:51:00	N	1.75
17	BAREILLY	NAWABGANJ	JPSS-1	28.54002	79.58833	13:05:00	D	2.11
18	BASTI	BHANPUR	JPSS-1	27.11737	82.65094	13:05:00	D	1.88
19	BASTI	RUDHAULI	JPSS-1	26.93748	82.89858	13:05:00	D	1.20
20	DEORIA	BARHAJ	JPSS-1	26.30138	83.82861	13:05:00	D	6.10
21	DEORIA	DEORIA	JPSS-1	26.58939	83.96918	13:05:00	D	1.29
22	ETAH	ETAH	AQUA	27.55634	78.60283	14:15:00	D	4.20
23	ETAWAH	BHARTHNA	AQUA	26.64920	79.21414	14:15:00	D	4.19
24	ETAWAH	ETAWAH	JPSS-1	26.83318	79.04461	13:05:00	D	3.19
25	ETAWAH	ETAWAH	AQUA	26.91378	79.12498	14:15:00	D	6.20
26	ETAWAH	ETAWAH	AQUA	26.91527	79.13486	14:15:00	D	10.81
27	ETAWAH	SAIFAI	JPSS-1	26.96976	78.98618	13:05:00	D	3.54
28	FAIZABAD	BIKAPUR	JPSS-1	26.50466	82.05463	13:05:00	D	1.50
29	FAIZABAD	MILKIPUR	JPSS-1	26.60746	81.86723	13:05:00	D	2.46

30	FARRUKHABAD	AMRITPUR	JPSS-1	27.40581	79.68848	13:05:00	D	4.14
31	FATEHPUR	BINKI	JPSS-1	25.99085	80.58266	13:05:00	D	2.83
32	FATEHPUR	BINKI	JPSS-1	26.11612	80.50946	13:05:00	D	4.67
33	FATEHPUR	BINKI	AQUA	26.02557	80.50580	14:13:00	D	6.65
34	FATEHPUR	FATEHPUR	JPSS-1	25.85209	80.78121	13:05:00	D	2.99
35	FATEHPUR	FATEHPUR	JPSS-1	25.88009	80.82233	13:05:00	D	4.60
36	FATEHPUR	FATEHPUR	JPSS-1	25.94134	80.72545	13:05:00	D	2.40
37	FATEHPUR	FATEHPUR	JPSS-1	25.95761	80.65343	13:05:00	D	3.32
38	FATEHPUR	FATEHPUR	AQUA	25.98623	81.01342	14:13:00	D	7.35
39	FATEHPUR	KHAGA	JPSS-1	25.92573	81.12037	13:05:00	D	1.95
40	FATEHPUR	KHAGA	AQUA	25.72736	81.13686	14:13:00	D	4.64
41	FATEHPUR	KHAGA	AQUA	25.92776	81.12077	14:13:00	D	6.72
42	FIROZABAD	JASRANA	AQUA	27.21367	78.66323	14:15:00	D	7.08
43	GAUTAMBUDHNAGAR	JEVAR	JPSS-1	28.14216	77.59509	01:51:00	N	0.75
44	GHAZIABAD	MODINAGAR	JPSS-1	28.84374	77.43526	13:07:00	D	2.12
45	GORAKHPUR	BANSGAON	JPSS-1	26.54212	83.34211	13:05:00	D	1.13
46	GORAKHPUR	BANSGAON	JPSS-1	26.55816	83.35889	13:05:00	D	3.29
47	GORAKHPUR	GORAKHPUR	JPSS-1	26.83237	83.28521	13:05:00	D	2.18
48	HARDOI	BILGRAM	JPSS-1	27.08124	80.18436	13:05:00	D	6.57
49	HARDOI	BILGRAM	JPSS-1	27.08230	80.18353	13:05:00	D	4.97
50	HARDOI	HARDOI	JPSS-1	27.31521	80.23299	13:05:00	D	6.92
51	HARDOI	HARDOI	JPSS-1	27.40159	79.92310	01:51:00	N	0.46
52	HARDOI	SHAHABAD	JPSS-1	27.59412	79.88854	13:05:00	D	2.21
53	JHANSI	JHANSI	JPSS-1	25.53696	78.63831	13:05:00	D	4.17
54	JHANSI	JHANSI	JPSS-1	25.55488	78.54410	13:05:00	D	5.09
55	JHANSI	JHANSI	AQUA	25.51392	78.62463	14:13:00	D	5.72
56	JHANSI	MOTH	JPSS-1	25.73267	78.93288	01:51:00	N	0.72
57	JHANSI	MOTH	JPSS-1	25.73325	78.92899	01:51:00	N	0.72
58	JHANSI	TAHRAULI	AQUA	25.59752	78.80655	14:13:00	D	12.19
59	KANNAUJ	TIRWA	JPSS-1	26.90202	79.82821	13:05:00	D	3.14
60	KANPUR	KANPUR NAGAR	AQUA	26.30435	80.25140	14:15:00	D	16.75
61	KANPUR DEHAT	AKBARPUR	AQUA	26.31610	79.95937	14:15:00	D	10.72
62	KANPUR DEHAT	SIKANDRA	AQUA	26.35577	79.72646	14:15:00	D	5.38

63	KAUSHAMBI	SIRATHU	JPSS-1	25.66076	81.30115	13:05:00	D	3.59
64	KHERI	DHAURAHRA	JPSS-1	28.05439	81.07997	13:05:00	D	5.71
65	KHERI	GOLA	JPSS-1	28.21402	80.46908	13:05:00	D	3.35
66	KUSHINAGAR	KASAYA	JPSS-1	26.65051	84.01453	13:05:00	D	4.23
67	KUSHINAGAR	KASAYA	JPSS-1	26.67602	84.00195	13:05:00	D	2.61
68	KUSHINAGAR	KASAYA	JPSS-1	26.67935	84.00137	13:05:00	D	2.61
69	KUSHINAGAR	KASAYA	JPSS-1	26.75905	84.01553	13:05:00	D	2.43
70	LUCKNOW	MOHANLAL GANJ	JPSS-1	26.69394	81.10109	13:05:00	D	2.22
71	LUCKNOW	MOHANLAL GANJ	JPSS-1	26.69959	81.20774	13:05:00	D	3.38
72	LUCKNOW	MOHANLAL GANJ	AQUA	26.70376	81.20100	14:15:00	D	3.87
73	MAHARAJGANJ	MAHARAJGANJ	JPSS-1	27.03841	83.46214	13:05:00	D	3.47
74	MAHARAJGANJ	MAHARAJGANJ	JPSS-1	27.06368	83.49677	13:05:00	D	6.13
75	MAHARAJGANJ	MAHARAJGANJ	JPSS-1	27.10054	83.47011	13:05:00	D	2.65
76	MAHARAJGANJ	MAHARAJGANJ	JPSS-1	27.10064	83.49402	13:05:00	D	6.46
77	MAHARAJGANJ	MAHARAJGANJ	JPSS-1	27.23095	83.50263	13:05:00	D	3.26
78	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.03244	83.47949	14:15:00	D	9.76
79	MAHARAJGANJ	NAUTANWA	JPSS-1	27.22354	83.33649	13:05:00	D	2.01
80	MAHARAJGANJ	NAUTANWA	JPSS-1	27.44641	83.60829	13:05:00	D	3.19
81	MAHARAJGANJ	NAUTANWA	JPSS-1	27.44698	83.47173	13:05:00	D	3.58
82	MAHARAJGANJ	NAUTANWA	JPSS-1	27.44965	83.58358	13:05:00	D	2.87
83	MAHARAJGANJ	NICHLAUL	JPSS-1	27.17543	83.68039	13:05:00	D	3.43
84	MAHARAJGANJ	NICHLAUL	JPSS-1	27.30802	83.68513	13:05:00	D	3.93
85	MAHARAJGANJ	NICHLAUL	JPSS-1	27.32193	83.71079	13:05:00	D	2.42
86	MAHARAJGANJ	NICHLAUL	JPSS-1	27.33358	83.72077	13:05:00	D	1.82
87	MAHARAJGANJ	PHARENDA	JPSS-1	27.15985	83.38802	13:05:00	D	2.37
88	MAHARAJGANJ	PHARENDA	JPSS-1	27.18219	83.33217	13:05:00	D	2.03
89	MAHARAJGANJ	PHARENDA	JPSS-1	27.29992	83.30259	13:05:00	D	2.39
90	MAINPURI	MAINPURI	JPSS-1	27.24678	78.89083	13:05:00	D	1.66
91	MAINPURI	MAINPURI	JPSS-1	27.37673	79.00513	13:05:00	D	3.19
92	MATHURA	MATHURA	JPSS-1	27.36081	77.68384	13:05:00	D	5.53
93	MATHURA	MATHURA	JPSS-1	27.53928	77.57513	13:05:00	D	3.74
94	MUZAFARNAGAR	JANSATH	JPSS-1	29.27827	78.04553	13:07:00	D	4.77
95	PILHIBHIT	BISALPUR	JPSS-1	28.29683	79.91352	01:51:00	N	0.62

96	PILHIBHIT	PURANPUR	AQUA	28.35936	80.17079	14:15:00	D	7.26
97	PRATAPGARH	KUNDA	JPSS-1	25.83765	81.71555	13:05:00	D	4.40
98	RAIBEARELI	LALGANJ	AQUA	26.23939	80.97105	14:15:00	D	5.42
99	RAMPUR	MILAK	JPSS-1	28.61362	79.10415	01:51:00	N	1.25
100	SANTKABIRNAGAR	GHANGHATA	JPSS-1	26.50332	83.10503	13:05:00	D	3.47
101	SANTKABIRNAGAR	GHANGHATA	JPSS-1	26.60674	83.00311	13:05:00	D	3.43
102	SANTKABIRNAGAR	GHANGHATA	JPSS-1	26.61760	82.98534	13:05:00	D	6.95
103	SANTKABIRNAGAR	MEHDAWAL	JPSS-1	27.02291	83.05984	13:05:00	D	4.55
104	SHAHJAHANPUR	PUWANYA	JPSS-1	28.22022	80.16779	13:05:00	D	2.23
105	SHAHJAHANPUR	PUWANYA	JPSS-1	28.22163	80.17616	13:05:00	D	3.76
106	SHAHJAHANPUR	PUWANYA	JPSS-1	28.22362	80.16705	13:05:00	D	2.23
107	SHAHJAHANPUR	SHAHJAHANPUR	JPSS-1	27.71996	79.84096	01:51:00	N	0.64
108	SHRAWASTI	BHINGA	JPSS-1	27.69041	81.76338	13:05:00	D	2.89
109	SHRAWASTI	IKAUNA	JPSS-1	27.60536	81.71970	13:05:00	D	2.12
110	SIDDHARTHANAGAR	BANSI	JPSS-1	27.07573	82.91550	13:05:00	D	1.92
111	SIDDHARTHANAGAR	ITWA	JPSS-1	27.27230	82.86707	13:05:00	D	1.33
112	SIDDHARTHANAGAR	ITWA	JPSS-1	27.35606	82.76841	13:05:00	D	2.66
113	SIDDHARTHANAGAR	ITWA	JPSS-1	27.37972	82.67680	13:05:00	D	2.94
114	SIDDHARTHANAGAR	ITWA	JPSS-1	27.38031	82.68065	13:05:00	D	2.78
115	SIDDHARTHANAGAR	ITWA	AQUA	27.33205	82.57363	14:15:00	D	5.84
116	SIDDHARTHANAGAR	NAUGARH	JPSS-1	27.24618	83.05429	13:05:00	D	2.72
117	SIDDHARTHANAGAR	NAUGARH	JPSS-1	27.25236	83.16425	13:05:00	D	2.38
118	SIDDHARTHANAGAR	NAUGARH	JPSS-1	27.31459	83.26405	13:05:00	D	2.57
119	SIDDHARTHANAGAR	NAUGARH	JPSS-1	27.33742	83.21207	13:05:00	D	3.14
120	SIDDHARTHANAGAR	NAUGARH	JPSS-1	27.38200	83.26003	13:05:00	D	2.37
121	UNNAO	PURWA	JPSS-1	26.40194	80.82893	13:05:00	D	2.39
122	UNNAO	UNNAO	JPSS-1	26.36269	80.57245	13:05:00	D	4.66

### Details of residue burning events in Rajasthan on 05-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARAN	ANTA	JPSS-1	25.15198	76.32010	13:05:00	D	2.31
2	BARAN	BARAN	AQUA	25.06134	76.51418	14:13:00	D	18.57
3	BARAN	CHHABRA	JPSS-1	24.61181	76.89885	13:05:00	D	2.40
4	BARAN	CHHABRA	JPSS-1	24.61239	76.89760	13:05:00	D	3.14
5	BARAN	CHHABRA	JPSS-1	24.65753	76.95139	13:05:00	D	4.95
6	BARAN	CHHABRA	JPSS-1	24.65838	76.95567	13:05:00	D	4.95
7	BARAN	KISHANGUNJ	JPSS-1	24.88591	76.77622	13:05:00	D	1.95
8	BARAN	KISHANGUNJ	JPSS-1	25.07000	76.82186	13:05:00	D	3.62
9	BARAN	KISHANGUNJ	AQUA	24.86342	76.85977	14:13:00	D	6.74
10	BARAN	KISHANGUNJ	AQUA	24.86551	76.87208	14:13:00	D	6.10
11	BARAN	KISHANGUNJ	AQUA	25.25935	76.64383	14:13:00	D	9.41
12	BARAN	KISHANGUNJ	AQUA	25.36469	76.65370	14:13:00	D	9.39
13	BARAN	MANGROL	JPSS-1	25.27205	76.51395	13:05:00	D	2.65
14	BARAN	MANGROL	JPSS-1	25.29683	76.52662	13:05:00	D	3.49
15	BARAN	SHAHBAD	JPSS-1	25.04247	76.88144	13:05:00	D	4.93
16	BARAN	SHAHBAD	JPSS-1	25.10529	77.16181	13:05:00	D	3.62
17	BARAN	SHAHBAD	JPSS-1	25.13386	76.92685	01:51:00	N	0.67
18	BUNDI	BUNDI	JPSS-1	25.24155	75.74897	13:05:00	D	4.61
19	BUNDI	BUNDI	JPSS-1	25.28750	75.84822	13:05:00	D	3.55
20	BUNDI	BUNDI	JPSS-1	25.28906	75.84556	13:05:00	D	6.24
21	BUNDI	BUNDI	JPSS-1	25.29193	75.84713	13:05:00	D	6.62
22	BUNDI	BUNDI	JPSS-1	25.29543	75.77422	13:05:00	D	4.63
23	BUNDI	BUNDI	JPSS-1	25.29720	75.66949	13:05:00	D	6.78
24	BUNDI	BUNDI	JPSS-1	25.30039	75.86549	13:05:00	D	12.16
25	BUNDI	BUNDI	JPSS-1	25.30559	75.82323	13:05:00	D	2.59
26	BUNDI	BUNDI	JPSS-1	25.31273	75.60770	13:05:00	D	1.91
27	BUNDI	BUNDI	JPSS-1	25.31445	75.82104	13:05:00	D	2.69
28	BUNDI	BUNDI	JPSS-1	25.32058	75.66891	13:05:00	D	7.67
29	BUNDI	BUNDI	JPSS-1	25.34780	75.64109	13:05:00	D	4.63
30	BUNDI	BUNDI	JPSS-1	25.37861	75.80296	13:05:00	D	5.27

31	BUNDI	BUNDI	AQUA	25.29101	75.71276	14:15:00	D	8.97
32	BUNDI	BUNDI	AQUA	25.31128	75.82555	14:15:00	D	13.91
33	BUNDI	BUNDI	AQUA	25.32208	75.76480	14:15:00	D	12.43
34	BUNDI	BUNDI	AQUA	25.44766	75.70114	14:15:00	D	52.15
35	BUNDI	KESHORAIPATAN	JPSS-1	25.30140	75.87035	13:05:00	D	7.57
36	BUNDI	KESHORAIPATAN	JPSS-1	25.30736	76.01030	13:05:00	D	3.94
37	BUNDI	KESHORAIPATAN	JPSS-1	25.30879	76.01292	13:05:00	D	4.08
38	BUNDI	KESHORAIPATAN	JPSS-1	25.33553	75.96829	13:05:00	D	2.72
39	BUNDI	KESHORAIPATAN	JPSS-1	25.43964	75.98536	13:05:00	D	3.49
40	BUNDI	KESHORAIPATAN	JPSS-1	25.50754	75.89542	13:05:00	D	5.17
41	GANGANAGAR	ANAPGARH	JPSS-1	29.20164	73.22321	13:07:00	D	2.65
42	GANGANAGAR	ANAPGARH	JPSS-1	29.20374	73.20984	13:07:00	D	2.45
43	GANGANAGAR	ANAPGARH	AQUA	29.11613	73.31515	14:17:00	D	18.51
44	GANGANAGAR	GANGANAGAR	JPSS-1	29.85807	73.68310	13:07:00	D	2.06
45	GANGANAGAR	RAISINGHNAGAR	JPSS-1	29.51038	73.55841	13:07:00	D	4.67
46	GANGANAGAR	RAISINGHNAGAR	JPSS-1	29.51170	73.55526	13:07:00	D	4.22
47	GANGANAGAR	SURATGARH	AQUA	29.30009	74.22906	14:17:00	D	7.98
48	GANGANAGAR	VIJAY NAGAR	JPSS-1	29.21243	73.51979	13:07:00	D	5.66
49	HANUMANGARH	BHADRA	JPSS-1	29.20265	75.40007	13:07:00	D	1.10
50	HANUMANGARH	HANUMANGARH	JPSS-1	29.50777	74.21121	13:07:00	D	5.41
51	HANUMANGARH	HANUMANGARH	JPSS-1	29.51753	74.36632	13:07:00	D	2.70
52	HANUMANGARH	PILIBANGA	JPSS-1	29.35063	74.25694	13:07:00	D	4.19
53	HANUMANGARH	PILIBANGA	JPSS-1	29.60416	74.08187	13:07:00	D	7.85
54	HANUMANGARH	RAWATSAR	JPSS-1	29.29816	74.54393	13:07:00	D	3.03
55	HANUMANGARH	RAWATSAR	JPSS-1	29.29999	74.54541	13:07:00	D	3.76
56	HANUMANGARH	TIBI	JPSS-1	29.45120	74.44037	13:07:00	D	2.70
57	HANUMANGARH	TIBI	JPSS-1	29.47064	74.48819	13:07:00	D	5.39
58	HANUMANGARH	TIBI	JPSS-1	29.53784	74.50455	13:07:00	D	6.16
59	HANUMANGARH	TIBI	AQUA	29.53020	74.58128	14:17:00	D	11.45
60	HANUMANGARH	TIBI	AQUA	29.53251	74.53522	14:17:00	D	18.79
61	HANUMANGARH	TIBI	AQUA	29.54291	74.53270	14:17:00	D	23.97
62	HANUMANGARH	TIBI	AQUA	29.58940	74.42939	14:17:00	D	12.43
63	JHALAWAR	KHANPUR	JPSS-1	24.78618	76.27750	01:51:00	N	0.59
64	KOTA	DIGOD	AQUA	25.14379	76.14967	14:13:00	D	12.05

65	KOTA	LADPURA	JPSS-1	25.15050	76.00029	13:05:00	D	5.48
66	KOTA	LADPURA	JPSS-1	25.17886	75.95784	13:05:00	D	3.41
67	KOTA	LADPURA	JPSS-1	25.17984	75.96269	13:05:00	D	3.41
68	KOTA	LADPURA	JPSS-1	25.21700	75.92469	13:05:00	D	6.43
69	KOTA	LADPURA	JPSS-1	25.24714	75.79939	13:05:00	D	4.91
70	KOTA	PIPALDA	JPSS-1	25.43613	76.52765	13:05:00	D	8.30
71	KOTA	PIPALDA	JPSS-1	25.43791	76.53648	13:05:00	D	8.74
72	KOTA	PIPALDA	JPSS-1	25.44036	76.52663	13:05:00	D	10.08
73	KOTA	PIPALDA	JPSS-1	25.44126	76.53104	13:05:00	D	10.08
74	KOTA	PIPALDA	JPSS-1	25.47001	76.51943	13:05:00	D	3.06
75	KOTA	PIPALDA	JPSS-1	25.47336	76.51398	13:05:00	D	2.82
76	KOTA	PIPALDA	JPSS-1	25.65759	76.47245	13:05:00	D	8.28
77	KOTA	PIPALDA	JPSS-1	25.73114	76.44058	13:05:00	D	10.54
78	KOTA	PIPALDA	JPSS-1	25.73362	76.43729	13:05:00	D	4.93
79	KOTA	PIPALDA	JPSS-1	25.73452	76.44172	13:05:00	D	7.98
80	KOTA	PIPALDA	AQUA	25.43547	76.52925	14:15:00	D	28.08
81	KOTA	PIPALDA	AQUA	25.43766	76.54188	14:15:00	D	15.13
82	KOTA	PIPALDA	AQUA	25.72916	76.43483	14:15:00	D	17.95
83	KOTA	SANGOD	JPSS-1	25.06066	76.20924	13:05:00	D	10.56
84	KOTA	SANGOD	JPSS-1	25.06501	76.20818	13:05:00	D	41.91
85	SWAIMADHOPUR	KHANDAR	JPSS-1	25.85374	76.53249	13:05:00	D	4.07
86	SWAIMADHOPUR	KHANDAR	JPSS-1	25.85434	76.53221	13:05:00	D	3.59
87	SWAIMADHOPUR	KHANDAR	JPSS-1	25.90805	76.60561	13:05:00	D	6.00
88	SWAIMADHOPUR	KHANDAR	JPSS-1	25.91800	76.58959	13:05:00	D	2.07
89	SWAIMADHOPUR	KHANDAR	JPSS-1	25.93587	76.65734	13:05:00	D	3.33
90	SWAIMADHOPUR	KHANDAR	JPSS-1	25.94003	76.65636	13:05:00	D	3.23



## Details of residue burning events in Madhya Pradesh on 05-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	JPSS-1	24.41169	77.60669	13:05:00	D	4.04
2	ASHOKNAGAR	ASHOKNAGAR	JPSS-1	24.59776	77.56819	13:05:00	D	3.26
3	ASHOKNAGAR	ASHOKNAGAR	AQUA	24.49096	77.66654	14:13:00	D	6.42
4	ASHOKNAGAR	CHANDERI	JPSS-1	24.70291	78.01320	13:05:00	D	5.30
5	ASHOKNAGAR	CHANDERI	AQUA	24.60960	77.89008	14:13:00	D	11.29
6	ASHOKNAGAR	CHANDERI	AQUA	24.65760	77.90788	14:13:00	D	8.63
7	ASHOKNAGAR	ISAGARH	JPSS-1	24.85380	77.80672	13:05:00	D	5.11
8	ASHOKNAGAR	ISAGARH	JPSS-1	24.85458	77.85432	13:05:00	D	1.59
9	ASHOKNAGAR	ISAGARH	AQUA	24.77260	77.81144	14:13:00	D	16.59
10	ASHOKNAGAR	ISAGARH	AQUA	24.79646	77.80013	14:13:00	D	7.97
11	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.32503	77.90233	13:05:00	D	1.08
12	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.32575	77.90617	13:05:00	D	5.67
13	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.32648	77.91000	13:05:00	D	5.67
14	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.32757	77.89378	13:05:00	D	4.97
15	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.33728	78.01054	13:05:00	D	2.19
16	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.33769	77.94717	13:05:00	D	5.75
17	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.33841	77.95097	13:05:00	D	6.02
18	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.33909	77.99829	13:05:00	D	3.27
19	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.35964	77.99757	13:05:00	D	1.68
20	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.35996	78.13030	13:05:00	D	3.31
21	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.37796	77.89046	13:05:00	D	5.06
22	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.45746	77.84869	13:05:00	D	2.66
23	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.57080	77.95736	13:05:00	D	3.67
24	ASHOKNAGAR	MUNGAOLI	AQUA	24.32666	77.97487	14:13:00	D	6.57
25	ASHOKNAGAR	MUNGAOLI	AQUA	24.47882	77.83051	14:13:00	D	5.76
26	BETUL	BETUL	JPSS-1	22.07562	78.12598	13:05:00	D	3.27
27	BHIND	BHIND	JPSS-1	26.60956	78.66703	13:05:00	D	2.40
28	BHIND	GOHAD	JPSS-1	26.24305	78.71953	13:05:00	D	3.09
29	BHIND	GOHAD	JPSS-1	26.41842	78.48170	13:05:00	D	2.93

30	BHIND	GOHAD	JPSS-1	26.42617	78.33421	13:05:00	D	1.96
31	BHIND	GOHAD	JPSS-1	26.42703	78.33652	13:05:00	D	1.93
32	BHIND	GOHAD	JPSS-1	26.44769	78.30253	13:05:00	D	4.63
33	BHIND	GOHAD	JPSS-1	26.45079	78.38189	13:05:00	D	6.00
34	BHIND	GOHAD	AQUA	26.50384	78.26900	14:15:00	D	6.52
35	BHIND	LAHAR	JPSS-1	25.97905	78.82993	13:05:00	D	5.32
36	BHIND	LAHAR	JPSS-1	25.98734	78.83319	13:05:00	D	1.18
37	BHIND	LAHAR	JPSS-1	26.00211	78.82989	13:05:00	D	5.62
38	BHIND	LAHAR	JPSS-1	26.02516	78.82984	13:05:00	D	5.66
39	BHIND	LAHAR	JPSS-1	26.02605	78.83474	13:05:00	D	3.99
40	BHIND	LAHAR	AQUA	25.98613	78.80533	14:15:00	D	22.31
41	BHIND	LAHAR	AQUA	25.99970	78.83369	14:15:00	D	6.61
42	BHIND	LAHAR	AQUA	26.01593	78.82024	14:15:00	D	10.85
43	BHIND	LAHAR	AQUA	26.02637	78.82855	14:15:00	D	8.26
44	BHIND	LAHAR	AQUA	26.08492	78.84170	14:15:00	D	5.81
45	BHIND	LAHAR	AQUA	26.09457	78.96315	14:15:00	D	7.92
46	BHIND	LAHAR	AQUA	26.09610	78.97310	14:15:00	D	7.72
47	BHIND	MAHGAWAN	JPSS-1	26.44765	78.64178	13:05:00	D	3.33
48	BHOPAL	HUZUR	JPSS-1	23.12958	77.41908	13:05:00	D	5.21
49	BHOPAL	HUZUR	JPSS-1	23.16901	77.55501	13:05:00	D	4.13
50	BHOPAL	HUZUR	AQUA	23.12361	77.42400	14:13:00	D	7.83
51	CHHATARPUR	CHHATARPUR	JPSS-1	24.81757	79.43600	01:51:00	N	0.51
52	DAMOH	DAMOH	JPSS-1	23.58283	79.33353	13:05:00	D	2.62
53	DAMOH	DAMOH	JPSS-1	23.67980	79.46509	13:05:00	D	2.49
54	DAMOH	JABERA	JPSS-1	23.55051	79.80205	13:05:00	D	5.13
55	DAMOH	JABERA	JPSS-1	23.61719	79.87998	13:05:00	D	2.66
56	DAMOH	JABERA	AQUA	23.61353	79.87344	14:13:00	D	10.42
57	DAMOH	TENDUKHERA	JPSS-1	23.28378	79.38447	13:05:00	D	4.03
58	DAMOH	TENDUKHERA	AQUA	23.37431	79.26936	14:13:00	D	8.08
59	DATIA	BHANDER	JPSS-1	25.60246	78.67628	13:05:00	D	4.16
60	DATIA	BHANDER	JPSS-1	25.61563	78.66283	13:05:00	D	3.46
61	DATIA	BHANDER	JPSS-1	25.63448	78.78908	13:05:00	D	2.62
62	DATIA	BHANDER	JPSS-1	25.63479	78.78633	13:05:00	D	2.79

63	DATIA	BHANDER	JPSS-1	25.84228	78.79369	13:05:00	D	2.40
64	DATIA	BHANDER	JPSS-1	25.84775	78.62873	13:05:00	D	8.19
65	DATIA	BHANDER	JPSS-1	25.88227	78.64714	13:05:00	D	21.77
66	DATIA	BHANDER	JPSS-1	25.95793	78.77825	13:05:00	D	2.36
67	DATIA	BHANDER	JPSS-1	25.95968	78.77500	13:05:00	D	3.98
68	DATIA	BHANDER	AQUA	25.81821	78.79816	14:15:00	D	11.57
69	DATIA	BHANDER	AQUA	25.85230	78.78121	14:15:00	D	6.04
70	DATIA	BHANDER	AQUA	25.86667	78.68872	14:15:00	D	9.99
71	DATIA	BHANDER	AQUA	25.86895	78.82974	14:15:00	D	6.37
72	DATIA	BHANDER	AQUA	25.87877	78.70720	14:15:00	D	15.27
73	DATIA	BHANDER	AQUA	25.99035	78.77348	14:15:00	D	7.04
74	DATIA	DATIA	JPSS-1	25.62017	78.68806	13:05:00	D	2.00
75	DATIA	DATIA	JPSS-1	25.64684	78.32092	13:05:00	D	2.99
76	DATIA	DATIA	JPSS-1	25.66967	78.57430	13:05:00	D	4.33
77	DATIA	SEONDHA	JPSS-1	25.97569	78.70720	13:05:00	D	4.78
78	DATIA	SEONDHA	JPSS-1	25.97941	78.70638	13:05:00	D	3.04
79	DATIA	SEONDHA	JPSS-1	26.01377	78.70385	13:05:00	D	3.91
80	DATIA	SEONDHA	JPSS-1	26.03661	78.76580	13:05:00	D	8.46
81	DATIA	SEONDHA	JPSS-1	26.04067	78.70300	13:05:00	D	25.86
82	DATIA	SEONDHA	JPSS-1	26.04259	78.69221	13:05:00	D	11.66
83	DATIA	SEONDHA	JPSS-1	26.04439	78.70216	13:05:00	D	25.86
84	DATIA	SEONDHA	JPSS-1	26.04618	78.71210	13:05:00	D	5.12
85	DATIA	SEONDHA	JPSS-1	26.04847	78.78881	13:05:00	D	3.49
86	DATIA	SEONDHA	JPSS-1	26.05217	78.78798	13:05:00	D	3.49
87	DATIA	SEONDHA	JPSS-1	26.06014	78.70379	13:05:00	D	2.35
88	DATIA	SEONDHA	JPSS-1	26.06066	78.70097	13:05:00	D	4.52
89	DATIA	SEONDHA	JPSS-1	26.06438	78.70013	13:05:00	D	9.73
90	DATIA	SEONDHA	JPSS-1	26.06488	78.81584	13:05:00	D	6.88
91	DATIA	SEONDHA	JPSS-1	26.06904	78.68357	13:05:00	D	4.04
92	DATIA	SEONDHA	JPSS-1	26.08010	78.72243	13:05:00	D	9.14
93	DATIA	SEONDHA	AQUA	25.82671	78.55667	14:15:00	D	7.62
94	DATIA	SEONDHA	AQUA	25.85256	78.48175	14:15:00	D	16.01
95	DATIA	SEONDHA	AQUA	25.87441	78.56173	14:15:00	D	4.93

96	DATIA	SEONDHA	AQUA	26.01507	78.69608	14:15:00	D	5.26
97	DATIA	SEONDHA	AQUA	26.01663	78.70618	14:15:00	D	5.89
98	DATIA	SEONDHA	AQUA	26.04184	78.69090	14:15:00	D	23.55
99	DATIA	SEONDHA	AQUA	26.04339	78.70099	14:15:00	D	19.12
100	DATIA	SEONDHA	AQUA	26.04495	78.71108	14:15:00	D	33.23
101	DATIA	SEONDHA	AQUA	26.04650	78.72117	14:15:00	D	13.65
102	DATIA	SEONDHA	AQUA	26.05727	78.72293	14:15:00	D	18.56
103	DATIA	SEONDHA	AQUA	26.07246	78.76146	14:15:00	D	4.27
104	DATIA	SEONDHA	AQUA	26.11158	78.83657	14:15:00	D	5.20
105	GUNA	CHACHAURA	JPSS-1	24.16874	77.07014	13:05:00	D	2.42
106	GUNA	GUNA	JPSS-1	24.60654	77.43651	13:05:00	D	4.46
107	GUNA	GUNA	JPSS-1	24.68955	77.13495	13:05:00	D	5.13
108	GUNA	GUNA	JPSS-1	24.75011	77.11199	13:05:00	D	3.69
109	GUNA	GUNA	JPSS-1	24.81535	77.47341	13:05:00	D	2.49
110	GUNA	GUNA	JPSS-1	24.82630	76.89515	13:05:00	D	1.42
111	GUNA	GUNA	JPSS-1	24.83005	77.46166	13:05:00	D	2.65
112	GUNA	GUNA	JPSS-1	24.86744	76.99306	13:05:00	D	4.34
113	GUNA	GUNA	JPSS-1	24.86898	76.95697	13:05:00	D	2.14
114	GUNA	GUNA	JPSS-1	24.87395	77.14131	13:05:00	D	2.04
115	GUNA	GUNA	JPSS-1	24.93114	77.22733	13:05:00	D	7.90
116	GUNA	GUNA	JPSS-1	24.94344	77.22438	13:05:00	D	1.33
117	GUNA	GUNA	JPSS-1	25.05484	77.01231	13:05:00	D	5.97
118	GUNA	GUNA	JPSS-1	25.05566	77.01653	13:05:00	D	5.97
119	GUNA	GUNA	JPSS-1	25.06930	77.13128	13:05:00	D	3.64
120	GUNA	GUNA	JPSS-1	25.07574	77.16444	13:05:00	D	1.68
121	GUNA	GUNA	AQUA	25.04471	77.01174	14:13:00	D	21.70
122	GUNA	RAGHOGARH	JPSS-1	24.33022	77.13596	13:05:00	D	2.10
123	GUNA	RAGHOGARH	JPSS-1	24.48324	77.14671	01:51:00	N	0.88
124	GUNA	RAGHOGARH	JPSS-1	24.55373	77.13808	13:05:00	D	2.77
125	GWALIOR	BHITARWAR	JPSS-1	25.89791	78.14085	13:05:00	D	8.49
126	GWALIOR	BHITARWAR	JPSS-1	25.93066	78.16661	13:05:00	D	7.44
127	GWALIOR	BHITARWAR	AQUA	25.79353	78.05309	14:15:00	D	6.16
128	GWALIOR	BHITARWAR	AQUA	25.85838	78.10560	14:15:00	D	8.46

129	GWALIOR	BHITARWAR	AQUA	25.93454	78.18258	14:15:00	D	6.88
130	GWALIOR	DABRA	JPSS-1	25.91039	78.31368	13:05:00	D	4.54
131	GWALIOR	DABRA	JPSS-1	26.00195	78.36607	13:05:00	D	2.96
132	GWALIOR	DABRA	JPSS-1	26.00886	78.23446	13:05:00	D	2.16
133	GWALIOR	DABRA	AQUA	25.89151	78.14783	14:15:00	D	8.97
134	GWALIOR	DABRA	AQUA	25.91322	78.28357	14:15:00	D	8.97
135	GWALIOR	GWALIOR	JPSS-1	25.93670	77.76687	13:05:00	D	4.31
136	GWALIOR	GWALIOR	AQUA	26.28015	78.14342	14:15:00	D	10.22
137	HARDA	HARDA	JPSS-1	22.40192	76.96186	13:05:00	D	4.21
138	HOSHANGABAD	BABAI	JPSS-1	22.63553	77.97141	13:05:00	D	3.55
139	HOSHANGABAD	BABAI	JPSS-1	22.66017	77.95389	13:05:00	D	7.33
140	HOSHANGABAD	BABAI	JPSS-1	22.66428	77.95299	13:05:00	D	3.10
141	HOSHANGABAD	BABAI	JPSS-1	22.68836	77.98951	13:05:00	D	7.65
142	HOSHANGABAD	BABAI	JPSS-1	22.69663	77.85307	13:05:00	D	2.71
143	HOSHANGABAD	BABAI	JPSS-1	22.70397	77.98190	13:05:00	D	3.00
144	HOSHANGABAD	BABAI	JPSS-1	22.71791	77.92015	13:05:00	D	4.26
145	HOSHANGABAD	BABAI	JPSS-1	22.72475	77.95644	13:05:00	D	1.40
146	HOSHANGABAD	BABAI	JPSS-1	22.72491	77.87757	13:05:00	D	1.43
147	HOSHANGABAD	BABAI	JPSS-1	22.73023	77.91742	13:05:00	D	2.99
148	HOSHANGABAD	BABAI	JPSS-1	22.73193	78.01715	13:05:00	D	2.67
149	HOSHANGABAD	BABAI	JPSS-1	22.75746	77.82375	13:05:00	D	10.76
150	HOSHANGABAD	BABAI	JPSS-1	22.76563	77.91064	13:05:00	D	9.01
151	HOSHANGABAD	BABAI	JPSS-1	22.77818	77.88682	13:05:00	D	4.78
152	HOSHANGABAD	BABAI	JPSS-1	22.78229	77.88590	13:05:00	D	4.78
153	HOSHANGABAD	BABAI	JPSS-1	22.78999	77.85889	13:05:00	D	2.76
154	HOSHANGABAD	BABAI	JPSS-1	22.79410	77.85796	13:05:00	D	2.76
155	HOSHANGABAD	BABAI	JPSS-1	22.79434	77.90417	13:05:00	D	1.65
156	HOSHANGABAD	BABAI	JPSS-1	22.80103	77.89437	13:05:00	D	2.98
157	HOSHANGABAD	BABAI	JPSS-1	22.80826	77.84212	13:05:00	D	4.62
158	HOSHANGABAD	BABAI	JPSS-1	22.82656	77.81629	13:05:00	D	5.30
159	HOSHANGABAD	BABAI	JPSS-1	22.82914	77.81625	13:05:00	D	5.23
160	HOSHANGABAD	BABAI	JPSS-1	22.83614	77.89903	13:05:00	D	3.51
161	HOSHANGABAD	BABAI	AQUA	22.66356	78.06557	14:13:00	D	7.37

162	HOSHANGABAD	BABAI	AQUA	22.66540	78.07681	14:13:00	D	7.06
163	HOSHANGABAD	BABAI	AQUA	22.71996	77.96759	14:13:00	D	8.06
164	HOSHANGABAD	BABAI	AQUA	22.75088	77.85532	14:13:00	D	7.80
165	HOSHANGABAD	BABAI	AQUA	22.77871	77.87884	14:13:00	D	15.00
166	HOSHANGABAD	BABAI	AQUA	22.78447	77.85404	14:13:00	D	20.58
167	HOSHANGABAD	BABAI	AQUA	22.79406	77.85215	14:13:00	D	15.61
168	HOSHANGABAD	BANKHERI	JPSS-1	22.80734	78.59736	13:05:00	D	3.71
169	HOSHANGABAD	BANKHERI	JPSS-1	22.81935	78.52947	13:05:00	D	2.28
170	HOSHANGABAD	BANKHERI	JPSS-1	22.82432	78.57840	13:05:00	D	2.18
171	HOSHANGABAD	BANKHERI	JPSS-1	22.83546	78.57213	13:05:00	D	5.18
172	HOSHANGABAD	BANKHERI	JPSS-1	22.84144	78.58231	13:05:00	D	2.28
173	HOSHANGABAD	BANKHERI	JPSS-1	22.87564	78.44381	13:05:00	D	2.63
174	HOSHANGABAD	BANKHERI	JPSS-1	22.93484	78.47359	13:05:00	D	2.51
175	HOSHANGABAD	BANKHERI	AQUA	22.79244	78.58639	14:13:00	D	10.53
176	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.60664	77.58776	13:05:00	D	3.37
177	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.61655	77.61631	13:05:00	D	3.48
178	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.62155	77.61958	13:05:00	D	8.79
179	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.63816	77.63775	13:05:00	D	6.70
180	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.63897	77.64196	13:05:00	D	10.99
181	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.65506	77.61205	13:05:00	D	1.55
182	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.66154	77.73691	13:05:00	D	2.73
183	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.68389	77.74052	13:05:00	D	6.90
184	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.69225	77.80730	13:05:00	D	6.42
185	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.69661	77.59971	13:05:00	D	2.88
186	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.70635	77.67186	13:05:00	D	3.59
187	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.71473	77.80341	13:05:00	D	3.66
188	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.71552	77.80749	13:05:00	D	5.43
189	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.72299	77.80155	13:05:00	D	4.09
190	HOSHANGABAD	HOSHANGABAD	AQUA	22.64935	77.73700	14:13:00	D	7.62
191	HOSHANGABAD	HOSHANGABAD	AQUA	22.65126	77.74869	14:13:00	D	9.20
192	HOSHANGABAD	HOSHANGABAD	AQUA	22.65264	77.74300	14:13:00	D	29.96
193	HOSHANGABAD	HOSHANGABAD	AQUA	22.69330	77.80706	14:13:00	D	8.11
194	HOSHANGABAD	HOSHANGABAD	AQUA	22.71255	77.80325	14:13:00	D	6.47

195	HOSHANGABAD	ITARSI	JPSS-1	22.50397	77.68908	13:05:00	D	5.22
196	HOSHANGABAD	ITARSI	JPSS-1	22.54670	77.66186	13:05:00	D	4.73
197	HOSHANGABAD	ITARSI	JPSS-1	22.55122	77.61691	13:05:00	D	5.90
198	HOSHANGABAD	ITARSI	JPSS-1	22.55202	77.62114	13:05:00	D	5.90
199	HOSHANGABAD	ITARSI	JPSS-1	22.55232	77.69124	13:05:00	D	2.63
200	HOSHANGABAD	ITARSI	JPSS-1	22.58817	77.76553	13:05:00	D	1.65
201	HOSHANGABAD	ITARSI	JPSS-1	22.61120	77.84182	13:05:00	D	5.18
202	HOSHANGABAD	ITARSI	JPSS-1	22.61272	77.84216	13:05:00	D	5.39
203	HOSHANGABAD	ITARSI	JPSS-1	22.61292	77.89661	13:05:00	D	6.86
204	HOSHANGABAD	ITARSI	JPSS-1	22.61302	77.79942	13:05:00	D	8.37
205	HOSHANGABAD	ITARSI	JPSS-1	22.62413	77.74527	13:05:00	D	1.35
206	HOSHANGABAD	ITARSI	JPSS-1	22.62879	77.79160	13:05:00	D	4.40
207	HOSHANGABAD	ITARSI	JPSS-1	22.63083	77.84660	13:05:00	D	3.03
208	HOSHANGABAD	ITARSI	JPSS-1	22.64262	77.90740	13:05:00	D	2.61
209	HOSHANGABAD	ITARSI	AQUA	22.58344	77.70155	14:13:00	D	11.15
210	HOSHANGABAD	ITARSI	AQUA	22.62018	77.92187	14:13:00	D	7.51
211	HOSHANGABAD	ITARSI	AQUA	22.64160	77.75062	14:13:00	D	9.55
212	HOSHANGABAD	ITARSI	AQUA	22.64703	77.90475	14:13:00	D	7.98
213	HOSHANGABAD	PIPARIYA	JPSS-1	22.68330	78.34009	13:05:00	D	2.42
214	HOSHANGABAD	PIPARIYA	JPSS-1	22.80272	78.43996	13:05:00	D	3.30
215	HOSHANGABAD	PIPARIYA	AQUA	22.67117	78.34934	14:13:00	D	7.99
216	HOSHANGABAD	SEONI MALWA	JPSS-1	22.43876	77.51325	13:05:00	D	5.53
217	HOSHANGABAD	SEONI MALWA	JPSS-1	22.52197	77.60143	13:05:00	D	8.72
218	HOSHANGABAD	SEONI MALWA	JPSS-1	22.52457	77.46872	01:51:00	N	0.70
219	HOSHANGABAD	SEONI MALWA	JPSS-1	22.54202	77.61456	13:05:00	D	3.98
220	HOSHANGABAD	SEONI MALWA	JPSS-1	22.55630	77.55480	13:05:00	D	3.43
221	HOSHANGABAD	SOHAGPUR	JPSS-1	22.69688	78.07859	13:05:00	D	2.60
222	HOSHANGABAD	SOHAGPUR	JPSS-1	22.85447	78.24329	13:05:00	D	1.77
223	JABALPUR	JABALPUR	JPSS-1	22.93500	79.85493	13:05:00	D	4.39
224	JABALPUR	JABALPUR	JPSS-1	23.00098	79.91140	13:05:00	D	1.91
225	JABALPUR	JABALPUR	JPSS-1	23.27449	79.90150	13:05:00	D	4.15
226	JABALPUR	JABALPUR	JPSS-1	23.32838	79.92891	13:05:00	D	10.24
227	JABALPUR	JABALPUR	JPSS-1	23.32866	79.93107	13:05:00	D	7.13

228	JABALPUR	JABALPUR	JPSS-1	23.34217	79.87997	13:05:00	D	4.36
229	JABALPUR	JABALPUR	AQUA	23.13915	79.85030	14:13:00	D	17.38
230	JABALPUR	JABALPUR	AQUA	23.23170	80.09473	14:13:00	D	5.85
231	JABALPUR	JABALPUR	AQUA	23.26727	79.97009	14:13:00	D	6.11
232	JABALPUR	JABALPUR	AQUA	23.27912	79.85262	14:13:00	D	4.38
233	JABALPUR	JABALPUR	AQUA	23.28058	79.86227	14:13:00	D	6.28
234	JABALPUR	JABALPUR	AQUA	23.33795	79.88167	14:13:00	D	5.06
235	JABALPUR	MAJHOULI	JPSS-1	23.42929	80.01073	13:05:00	D	5.59
236	JABALPUR	MAJHOULI	JPSS-1	23.43291	80.00999	13:05:00	D	7.58
237	JABALPUR	MAJHOULI	JPSS-1	23.43611	80.02837	13:05:00	D	3.51
238	JABALPUR	MAJHOULI	JPSS-1	23.47563	79.97421	13:05:00	D	7.72
239	JABALPUR	MAJHOULI	JPSS-1	23.47644	79.97881	13:05:00	D	7.72
240	JABALPUR	MAJHOULI	JPSS-1	23.56088	80.18325	13:05:00	D	3.26
241	JABALPUR	MAJHOULI	AQUA	23.46300	79.98191	14:13:00	D	10.31
242	JABALPUR	MAJHOULI	AQUA	23.46443	79.99152	14:13:00	D	15.44
243	JABALPUR	PATAN	JPSS-1	23.31861	79.81202	13:05:00	D	2.28
244	JABALPUR	PATAN	AQUA	23.22199	79.73011	14:13:00	D	6.00
245	JABALPUR	PATAN	AQUA	23.22937	79.71878	14:13:00	D	9.04
246	JABALPUR	PATAN	AQUA	23.23085	79.72850	14:13:00	D	20.02
247	JABALPUR	PATAN	AQUA	23.23086	79.66852	14:13:00	D	6.05
248	JABALPUR	PATAN	AQUA	23.31744	79.80597	14:13:00	D	6.36
249	JABALPUR	PATAN	AQUA	23.32329	79.84464	14:13:00	D	8.60
250	JABALPUR	PATAN	AQUA	23.32475	79.85430	14:13:00	D	5.01
251	JABALPUR	SAHPURA	JPSS-1	23.15331	79.66052	13:05:00	D	8.14
252	JABALPUR	SAHPURA	JPSS-1	23.15416	79.66532	13:05:00	D	5.42
253	JABALPUR	SAHPURA	JPSS-1	23.15501	79.67013	13:05:00	D	5.42
254	JABALPUR	SAHPURA	JPSS-1	23.16101	79.63892	13:05:00	D	3.00
255	JABALPUR	SAHPURA	JPSS-1	23.16346	79.71802	13:05:00	D	3.73
256	JABALPUR	SAHPURA	JPSS-1	23.17129	79.70770	13:05:00	D	29.28
257	JABALPUR	SAHPURA	JPSS-1	23.18053	79.79333	13:05:00	D	6.04
258	JABALPUR	SAHPURA	AQUA	23.15545	79.77774	14:13:00	D	7.30
259	JABALPUR	SAHPURA	AQUA	23.15990	79.68143	14:13:00	D	50.01
260	JABALPUR	SAHPURA	AQUA	23.16586	79.72032	14:13:00	D	12.45



261	JABALPUR	SAHPURA	AQUA	23.17772	79.79791	14:13:00	D	21.28
262	JABALPUR	SAHPURA	AQUA	23.17920	79.80759	14:13:00	D	28.75
263	JABALPUR	SIHORA	JPSS-1	23.39590	80.01289	13:05:00	D	6.07
264	JABALPUR	SIHORA	JPSS-1	23.39952	80.01214	13:05:00	D	6.07
265	KATNI	BAHURIBAND	JPSS-1	23.62292	80.12570	13:05:00	D	5.29
266	KATNI	BAHURIBAND	JPSS-1	23.73450	79.94844	13:05:00	D	2.88
267	KATNI	BAHURIBAND	JPSS-1	23.75733	80.01487	13:05:00	D	4.72
268	KATNI	BAHURIBAND	JPSS-1	23.80084	79.95964	13:05:00	D	3.80
269	KATNI	BAHURIBAND	AQUA	23.60409	80.11198	14:13:00	D	5.76
270	KATNI	BIJERAGHOGARH	JPSS-1	24.01144	80.52954	01:51:00	N	0.80
271	MANDLA	NAINPUR	JPSS-1	22.47979	80.13312	13:05:00	D	1.85
272	MANDLA	NAINPUR	JPSS-1	22.55263	79.98989	13:05:00	D	8.76
273	MANDLA	NAINPUR	AQUA	22.40084	80.15948	14:13:00	D	6.70
274	MANDLA	NIWAS	JPSS-1	22.84354	80.23186	13:05:00	D	3.65
275	MORENA	JORA	JPSS-1	26.44294	77.95867	13:05:00	D	5.94
276	MORENA	MORENA	JPSS-1	26.53456	78.11807	13:05:00	D	4.71
277	MORENA	SABALGARH	JPSS-1	26.25208	77.36485	13:05:00	D	1.70
278	MORENA	SABALGARH	JPSS-1	26.29577	77.41881	13:05:00	D	2.45
279	NARSHIMAPURA	GADARWARA	JPSS-1	22.82066	78.75624	13:05:00	D	3.62
280	NARSHIMAPURA	GADARWARA	JPSS-1	22.93316	78.90233	13:05:00	D	2.97
281	NARSHIMAPURA	GOTECAON	JPSS-1	22.93540	79.50706	13:05:00	D	4.21
282	NARSHIMAPURA	GOTECAON	JPSS-1	22.93867	79.43972	13:05:00	D	2.24
283	NARSHIMAPURA	GOTECAON	JPSS-1	22.97494	79.35975	13:05:00	D	3.07
284	NARSHIMAPURA	GOTECAON	JPSS-1	23.10363	79.48948	13:05:00	D	2.32
285	NARSHIMAPURA	TENDUKHERA	JPSS-1	23.17165	78.96564	13:05:00	D	3.64
286	PANNA	PANNA	JPSS-1	24.61222	80.37277	13:05:00	D	2.94
287	PANNA	PANNA	JPSS-1	24.79977	80.46936	13:05:00	D	2.85
288	PANNA	SHAHNAGAR	JPSS-1	23.96444	79.95071	13:05:00	D	3.20
289	RAISEN	GOHARGANJ	JPSS-1	22.98481	77.59864	13:05:00	D	4.05
290	RAISEN	GOHARGANJ	JPSS-1	22.98874	77.52784	13:05:00	D	4.96
291	RAISEN	GOHARGANJ	JPSS-1	22.98901	77.52867	13:05:00	D	4.14
292	RAISEN	GOHARGANJ	JPSS-1	22.99412	77.48804	13:05:00	D	1.52
293	RAISEN	GOHARGANJ	JPSS-1	23.00402	77.53841	13:05:00	D	9.71

294	RAISEN	GOHARGANJ	JPSS-1	23.01746	77.51790	13:05:00	D	3.01
295	RAISEN	GOHARGANJ	JPSS-1	23.04046	77.59119	13:05:00	D	6.92
296	RAISEN	GOHARGANJ	JPSS-1	23.04091	77.50376	13:05:00	D	2.55
297	RAISEN	GOHARGANJ	JPSS-1	23.06331	77.52937	13:05:00	D	2.37
298	RAISEN	GOHARGANJ	JPSS-1	23.07935	77.61282	13:05:00	D	7.33
299	RAISEN	GOHARGANJ	JPSS-1	23.08015	77.61701	13:05:00	D	7.66
300	RAISEN	RAISEN	JPSS-1	23.18033	77.73063	01:51:00	N	1.06
301	RAISEN	RAISEN	JPSS-1	23.40355	77.70422	13:05:00	D	2.81
302	RAISEN	RAISEN	JPSS-1	23.45971	77.72945	13:05:00	D	1.76
303	RAISEN	RAISEN	TERRA	23.50624	77.68015	10:46:00	D	26.82
304	RAJGARH	RAJGARH	JPSS-1	24.11628	76.82615	13:05:00	D	2.87
305	REWA	HUZUR	JPSS-1	24.43945	81.34070	13:05:00	D	5.91
306	REWA	HUZUR	JPSS-1	24.43993	81.34145	13:05:00	D	6.02
307	REWA	HUZUR	AQUA	24.63171	81.34619	14:13:00	D	4.54
308	REWA	SIRMAUR	JPSS-1	24.70731	81.36376	13:05:00	D	6.49
309	REWA	SIRMAUR	JPSS-1	24.75563	81.29592	13:05:00	D	2.88
310	REWA	SIRMAUR	AQUA	24.70679	81.35809	14:13:00	D	4.87
311	REWA	SIRMAUR	AQUA	24.71425	81.21625	14:13:00	D	9.07
312	SAGAR	KESALI	JPSS-1	23.33352	78.89565	01:51:00	N	0.63
313	SAGAR	REHLI	JPSS-1	23.62869	79.02918	13:05:00	D	4.05
314	SAGAR	SAGAR	JPSS-1	23.67204	78.78144	13:05:00	D	4.22
315	SATNA	AMARPATAN	JPSS-1	24.44261	81.06348	13:05:00	D	3.79
316	SATNA	MAJHG>WAN	JPSS-1	24.72755	80.91822	13:05:00	D	3.02
317	SATNA	MAJHG>WAN	JPSS-1	24.85431	81.08498	13:05:00	D	2.96
318	SATNA	MAJHG>WAN	AQUA	24.87736	80.93638	14:13:00	D	4.57
319	SATNA	NAGOD	JPSS-1	24.47983	80.51354	13:05:00	D	3.45
320	SATNA	NAGOD	JPSS-1	24.55207	80.72737	13:05:00	D	3.52
321	SATNA	NAGOD	JPSS-1	24.58829	80.67766	13:05:00	D	3.13
322	SATNA	NAGOD	JPSS-1	24.62980	80.64726	13:05:00	D	4.13
323	SATNA	NAGOD	JPSS-1	24.62991	80.66912	13:05:00	D	2.94
324	SATNA	NAGOD	JPSS-1	24.63327	80.64655	13:05:00	D	5.36
325	SATNA	RAMPURBAGHLEAN	JPSS-1	24.51782	81.03125	13:05:00	D	2.69
326	SATNA	RAMPURBAGHLEAN	JPSS-1	24.60071	81.10365	13:05:00	D	1.22

327	SATNA	RAMPURBAGHLEAN	JPSS-1	24.66410	81.08341	13:05:00	D	5.05
328	SATNA	UCHAHAR	JPSS-1	24.55136	80.72317	13:05:00	D	5.75
329	SATNA	UCHAHAR	AQUA	24.41729	80.61594	14:13:00	D	6.08
330	SEHORE	BUDHNI	JPSS-1	22.63780	77.43513	13:05:00	D	3.33
331	SEHORE	BUDHNI	JPSS-1	22.69173	77.55241	13:05:00	D	3.72
332	SEHORE	BUDHNI	JPSS-1	22.70205	77.47009	13:05:00	D	11.13
333	SEHORE	BUDHNI	JPSS-1	22.70454	77.48290	13:05:00	D	6.34
334	SEHORE	BUDHNI	JPSS-1	22.72903	77.47298	13:05:00	D	10.67
335	SEHORE	BUDHNI	JPSS-1	22.72986	77.47727	13:05:00	D	10.67
336	SEHORE	BUDHNI	JPSS-1	22.74979	77.64904	13:05:00	D	3.57
337	SEHORE	BUDHNI	JPSS-1	22.75437	77.44933	13:05:00	D	2.50
338	SEHORE	BUDHNI	JPSS-1	22.75529	77.44917	13:05:00	D	2.95
339	SEHORE	BUDHNI	JPSS-1	22.79714	77.94122	13:05:00	D	4.01
340	SEHORE	BUDHNI	AQUA	22.70077	77.55029	14:13:00	D	9.18
341	SEHORE	BUDHNI	AQUA	22.73096	77.47573	14:13:00	D	13.05
342	SEHORE	BUDHNI	AQUA	22.75433	77.43358	14:13:00	D	8.39
343	SEHORE	NASRULLAHGANJ	JPSS-1	22.64024	77.38040	13:05:00	D	8.64
344	SEHORE	NASRULLAHGANJ	JPSS-1	22.66744	77.38338	13:05:00	D	2.72
345	SEHORE	NASRULLAHGANJ	JPSS-1	22.76955	77.36950	13:05:00	D	3.22
346	SEONI	GHANSAUR	JPSS-1	22.38997	79.77382	13:05:00	D	7.28
347	SEONI	GHANSAUR	JPSS-1	22.41167	79.80939	13:05:00	D	3.98
348	SEONI	GHANSAUR	JPSS-1	22.41506	79.82858	13:05:00	D	2.68
349	SEONI	GHANSAUR	JPSS-1	22.45002	79.86374	13:05:00	D	3.46
350	SEONI	GHANSAUR	JPSS-1	22.45129	79.67836	13:05:00	D	5.41
351	SEONI	GHANSAUR	JPSS-1	22.56186	79.79355	13:05:00	D	4.65
352	SEONI	KEWLARI	JPSS-1	22.28099	79.83925	13:05:00	D	3.80
353	SEONI	KEWLARI	JPSS-1	22.29206	79.90156	13:05:00	D	2.73
354	SEONI	KEWLARI	JPSS-1	22.29527	79.81125	13:05:00	D	6.99
355	SEONI	KEWLARI	JPSS-1	22.30007	79.86015	13:05:00	D	3.38
356	SEONI	KEWLARI	JPSS-1	22.31152	79.83785	13:05:00	D	3.48
357	SEONI	KEWLARI	JPSS-1	22.36265	79.94321	13:05:00	D	2.53
358	SEONI	KEWLARI	JPSS-1	22.38568	79.81467	13:05:00	D	1.73
359	SEONI	KEWLARI	JPSS-1	22.39877	79.86672	13:05:00	D	2.04

360	SEONI	KEWLARI	JPSS-1	22.40015	79.89609	13:05:00	D	4.12
361	SEONI	KEWLARI	JPSS-1	22.41696	79.88286	13:05:00	D	2.09
362	SEONI	KEWLARI	JPSS-1	22.44237	80.04893	13:05:00	D	2.10
363	SEONI	KEWLARI	AQUA	22.28655	79.84033	14:13:00	D	6.63
364	SEONI	KEWLARI	AQUA	22.28951	79.85972	14:13:00	D	14.01
365	SEONI	KEWLARI	AQUA	22.35544	79.86128	14:13:00	D	9.93
366	SEONI	KEWLARI	AQUA	22.37760	79.94666	14:13:00	D	5.45
367	SEONI	KEWLARI	AQUA	22.39683	79.89362	14:13:00	D	7.74
368	SEONI	KEWLARI	AQUA	22.42616	80.02702	14:13:00	D	6.91
369	SEONI	KEWLARI	AQUA	22.43355	80.01584	14:13:00	D	6.09
370	SEONI	LAKHNADOU	JPSS-1	22.36510	79.41917	13:05:00	D	3.17
371	SEONI	LAKHNADOU	JPSS-1	22.36625	79.42100	13:05:00	D	4.46
372	SEONI	LAKHNADOU	JPSS-1	22.36785	79.69296	13:05:00	D	3.35
373	SEONI	LAKHNADOU	JPSS-1	22.56469	79.66011	01:51:00	N	0.60
374	SEONI	SEONI	JPSS-1	22.02831	79.51566	13:05:00	D	4.20
375	SEONI	SEONI	JPSS-1	22.07646	79.41824	13:05:00	D	3.23
376	SEONI	SEONI	JPSS-1	22.07935	79.41239	13:05:00	D	2.37
377	SEONI	SEONI	JPSS-1	22.09723	79.57589	13:05:00	D	3.64
378	SEONI	SEONI	JPSS-1	22.12437	79.59621	13:05:00	D	7.50
379	SEONI	SEONI	JPSS-1	22.17716	79.71745	13:05:00	D	3.98
380	SEONI	SEONI	JPSS-1	22.21327	79.79058	13:05:00	D	3.41
381	SEONI	SEONI	JPSS-1	22.21497	79.80029	13:05:00	D	7.63
382	SEONI	SEONI	JPSS-1	22.21983	79.67073	13:05:00	D	3.50
383	SEONI	SEONI	JPSS-1	22.23804	79.79310	13:05:00	D	10.11
384	SEONI	SEONI	JPSS-1	22.23939	79.75764	13:05:00	D	3.22
385	SEONI	SEONI	JPSS-1	22.23986	79.71720	13:05:00	D	2.78
386	SEONI	SEONI	JPSS-1	22.24026	79.76248	13:05:00	D	3.22
387	SEONI	SEONI	JPSS-1	22.25057	79.75530	13:05:00	D	5.52
388	SEONI	SEONI	JPSS-1	22.25242	79.83018	13:05:00	D	4.13
389	SEONI	SEONI	JPSS-1	22.25829	79.73358	13:05:00	D	3.47
390	SEONI	SEONI	JPSS-1	22.25977	79.76347	13:05:00	D	5.95
391	SEONI	SEONI	JPSS-1	22.27353	79.77569	13:05:00	D	2.63
392	SEONI	SEONI	JPSS-1	22.27381	79.53652	13:05:00	D	1.49

393	SEONI	SEONI	JPSS-1	22.28556	79.77820	13:05:00	D	2.44
394	SEONI	SEONI	JPSS-1	22.30823	79.75348	13:05:00	D	10.96
395	SEONI	SEONI	JPSS-1	22.31056	79.74019	13:05:00	D	6.33
396	SEONI	SEONI	AQUA	22.09892	79.52406	14:13:00	D	6.05
397	SEONI	SEONI	AQUA	22.20680	79.80047	14:13:00	D	12.22
398	SEONI	SEONI	AQUA	22.21270	79.71928	14:13:00	D	6.56
399	SEONI	SEONI	AQUA	22.23052	79.77618	14:13:00	D	6.03
400	SEONI	SEONI	AQUA	22.28055	79.74147	14:13:00	D	11.39
401	SEONI	SEONI	AQUA	22.31024	79.75616	14:13:00	D	6.51
402	SHAJAPUR	SHAJAPUR	AQUA	23.23415	76.21973	14:13:00	D	24.64
403	SHEOPUR	KARAHAL	JPSS-1	25.41986	76.81751	13:05:00	D	1.66
404	SHEOPUR	KARAHAL	JPSS-1	25.45566	76.79990	13:05:00	D	4.57
405	SHEOPUR	KARAHAL	JPSS-1	25.46892	76.71204	13:05:00	D	9.38
406	SHEOPUR	KARAHAL	JPSS-1	25.47284	76.79677	13:05:00	D	8.24
407	SHEOPUR	KARAHAL	JPSS-1	25.47316	76.80016	13:05:00	D	4.34
408	SHEOPUR	KARAHAL	JPSS-1	25.49355	76.76932	13:05:00	D	4.23
409	SHEOPUR	KARAHAL	JPSS-1	25.50189	76.76731	13:05:00	D	12.88
410	SHEOPUR	KARAHAL	JPSS-1	25.50274	76.77161	13:05:00	D	12.88
411	SHEOPUR	KARAHAL	JPSS-1	25.51023	76.76531	13:05:00	D	7.34
412	SHEOPUR	KARAHAL	JPSS-1	25.51278	76.77812	13:05:00	D	2.83
413	SHEOPUR	KARAHAL	JPSS-1	25.51440	76.76428	13:05:00	D	4.81
414	SHEOPUR	KARAHAL	JPSS-1	25.54025	76.76246	13:05:00	D	4.89
415	SHEOPUR	KARAHAL	JPSS-1	25.57276	76.75003	13:05:00	D	2.90
416	SHEOPUR	KARAHAL	AQUA	25.46068	76.79988	14:13:00	D	15.67
417	SHEOPUR	KARAHAL	AQUA	25.46313	76.80663	14:15:00	D	15.77
418	SHEOPUR	KARAHAL	AQUA	25.49379	76.74937	14:15:00	D	55.37
419	SHEOPUR	SHEOPUR	JPSS-1	25.37303	76.67037	13:05:00	D	1.07
420	SHEOPUR	SHEOPUR	JPSS-1	25.38986	76.66636	13:05:00	D	5.00
421	SHEOPUR	SHEOPUR	JPSS-1	25.40516	76.69907	13:05:00	D	3.28
422	SHEOPUR	SHEOPUR	JPSS-1	25.50379	76.64456	13:05:00	D	4.64
423	SHEOPUR	SHEOPUR	JPSS-1	25.50746	76.70730	13:05:00	D	6.22
424	SHEOPUR	SHEOPUR	JPSS-1	25.52513	76.73013	13:05:00	D	5.03
425	SHEOPUR	SHEOPUR	JPSS-1	25.53101	76.73773	13:05:00	D	9.74

426	SHEOPUR	SHEOPUR	JPSS-1	25.54940	76.74229	13:05:00	D	7.02
427	SHEOPUR	SHEOPUR	JPSS-1	25.57568	76.69704	13:05:00	D	13.62
428	SHEOPUR	SHEOPUR	JPSS-1	25.57899	76.69173	13:05:00	D	6.11
429	SHEOPUR	SHEOPUR	JPSS-1	25.57986	76.69603	13:05:00	D	13.62
430	SHEOPUR	SHEOPUR	JPSS-1	25.58521	76.61313	13:05:00	D	3.37
431	SHEOPUR	SHEOPUR	JPSS-1	25.58663	76.70792	13:05:00	D	22.92
432	SHEOPUR	SHEOPUR	JPSS-1	25.58870	76.63055	13:05:00	D	6.82
433	SHEOPUR	SHEOPUR	JPSS-1	25.62408	76.65375	13:05:00	D	4.08
434	SHEOPUR	SHEOPUR	JPSS-1	25.62494	76.65807	13:05:00	D	4.17
435	SHEOPUR	SHEOPUR	JPSS-1	25.64841	76.66589	13:05:00	D	9.70
436	SHEOPUR	SHEOPUR	JPSS-1	25.65259	76.66487	13:05:00	D	9.70
437	SHEOPUR	SHEOPUR	JPSS-1	25.65846	76.56440	13:05:00	D	3.85
438	SHEOPUR	SHEOPUR	JPSS-1	25.65934	76.56877	13:05:00	D	3.44
439	SHEOPUR	SHEOPUR	JPSS-1	25.66288	76.58624	13:05:00	D	4.92
440	SHEOPUR	SHEOPUR	JPSS-1	25.67408	76.61996	13:05:00	D	1.77
441	SHEOPUR	SHEOPUR	JPSS-1	25.67529	76.56032	13:05:00	D	5.42
442	SHEOPUR	SHEOPUR	JPSS-1	25.71632	76.67748	13:05:00	D	3.93
443	SHEOPUR	SHEOPUR	JPSS-1	25.72040	76.65395	13:05:00	D	3.47
444	SHEOPUR	SHEOPUR	JPSS-1	25.72049	76.67647	13:05:00	D	3.93
445	SHEOPUR	SHEOPUR	JPSS-1	25.72125	76.65825	13:05:00	D	3.47
446	SHEOPUR	SHEOPUR	JPSS-1	25.72543	76.65723	13:05:00	D	3.47
447	SHEOPUR	SHEOPUR	JPSS-1	25.72876	76.65193	13:05:00	D	2.98
448	SHEOPUR	SHEOPUR	JPSS-1	25.73216	76.66912	13:05:00	D	8.00
449	SHEOPUR	SHEOPUR	JPSS-1	25.73302	76.67342	13:05:00	D	8.00
450	SHEOPUR	SHEOPUR	JPSS-1	25.73712	76.64989	13:05:00	D	4.70
451	SHEOPUR	SHEOPUR	JPSS-1	25.73719	76.67240	13:05:00	D	8.00
452	SHEOPUR	SHEOPUR	JPSS-1	25.75483	76.71752	13:05:00	D	5.35
453	SHEOPUR	SHEOPUR	JPSS-1	25.75646	76.70367	13:05:00	D	4.73
454	SHEOPUR	SHEOPUR	JPSS-1	25.76399	76.71976	13:05:00	D	5.83
455	SHEOPUR	SHEOPUR	JPSS-1	25.76810	76.67389	13:05:00	D	4.33
456	SHEOPUR	SHEOPUR	JPSS-1	25.77207	76.67007	13:05:00	D	5.11
457	SHEOPUR	SHEOPUR	JPSS-1	25.77228	76.67289	13:05:00	D	4.33
458	SHEOPUR	SHEOPUR	JPSS-1	25.79626	76.65977	13:05:00	D	14.72

459	SHEOPUR	SHEOPUR	JPSS-1	25.80043	76.65875	13:05:00	D	14.72
460	SHEOPUR	SHEOPUR	JPSS-1	25.81250	76.74080	13:05:00	D	1.57
461	SHEOPUR	SHEOPUR	JPSS-1	25.81845	76.77054	13:05:00	D	2.54
462	SHEOPUR	SHEOPUR	JPSS-1	25.86813	76.71394	13:05:00	D	3.22
463	SHEOPUR	SHEOPUR	JPSS-1	25.90535	76.81565	13:05:00	D	1.88
464	SHEOPUR	SHEOPUR	JPSS-1	25.90893	76.78368	13:05:00	D	2.73
465	SHEOPUR	SHEOPUR	JPSS-1	25.92975	76.82274	13:05:00	D	2.25
466	SHEOPUR	SHEOPUR	JPSS-1	25.93959	76.80705	13:05:00	D	7.57
467	SHEOPUR	SHEOPUR	AQUA	25.44610	76.70830	14:15:00	D	6.61
468	SHEOPUR	SHEOPUR	AQUA	25.44625	76.71366	14:13:00	D	9.98
469	SHEOPUR	SHEOPUR	AQUA	25.45717	76.65456	14:15:00	D	6.99
470	SHEOPUR	SHEOPUR	AQUA	25.52106	76.73083	14:15:00	D	16.81
471	SHEOPUR	SHEOPUR	AQUA	25.52763	76.58123	14:15:00	D	7.71
472	SHEOPUR	SHEOPUR	AQUA	25.53027	76.66485	14:15:00	D	20.19
473	SHEOPUR	SHEOPUR	AQUA	25.53078	76.65807	14:15:00	D	15.88
474	SHEOPUR	SHEOPUR	AQUA	25.55814	76.63948	14:15:00	D	10.72
475	SHEOPUR	SHEOPUR	AQUA	25.57646	76.68690	14:15:00	D	35.10
476	SHEOPUR	SHEOPUR	AQUA	25.57856	76.69923	14:15:00	D	13.85
477	SHEOPUR	SHEOPUR	AQUA	25.58836	76.69715	14:15:00	D	50.63
478	SHEOPUR	SHEOPUR	AQUA	25.59046	76.70947	14:15:00	D	16.75
479	SHEOPUR	SHEOPUR	AQUA	25.60025	76.70739	14:15:00	D	20.96
480	SHEOPUR	SHEOPUR	AQUA	25.62786	76.56745	14:15:00	D	9.74
481	SHEOPUR	SHEOPUR	AQUA	25.70240	76.70576	14:15:00	D	9.06
482	SHEOPUR	SHEOPUR	AQUA	25.70595	76.66673	14:15:00	D	15.27
483	SHEOPUR	SHEOPUR	AQUA	25.71424	76.71594	14:15:00	D	8.31
484	SHEOPUR	SHEOPUR	AQUA	25.71873	76.67028	14:15:00	D	18.92
485	SHEOPUR	SHEOPUR	AQUA	25.72639	76.65589	14:15:00	D	14.88
486	SHEOPUR	SHEOPUR	AQUA	25.72852	76.66821	14:15:00	D	28.80
487	SHEOPUR	SHEOPUR	AQUA	25.75653	76.71317	14:15:00	D	8.01
488	SHEOPUR	SHEOPUR	AQUA	25.75862	76.72541	14:15:00	D	12.81
489	SHEOPUR	SHEOPUR	AQUA	25.84193	76.79050	14:15:00	D	8.81
490	SHEOPUR	SHEOPUR	AQUA	25.85164	76.78844	14:15:00	D	7.27
491	SHEOPUR	SHEOPUR	AQUA	25.88841	76.76807	14:15:00	D	10.21

492	SHEOPUR	SHEOPUR	AQUA	25.93160	76.82729	14:15:00	D	9.23
493	SHEOPUR	VIJAYPUR	JPSS-1	25.99472	76.91154	13:05:00	D	4.82
494	SHEOPUR	VIJAYPUR	AQUA	25.98645	76.91467	14:15:00	D	7.45
495	SHIVPURI	KOLARAS	JPSS-1	24.88405	77.67580	13:05:00	D	4.78
496	UMARIA	BANDHOGARH	JPSS-1	23.34652	80.88226	01:51:00	N	2.01
497	UMARIA	BANDHOGARH	JPSS-1	23.56620	80.61574	13:05:00	D	2.90
498	VIDESHA	SIRANJ	JPSS-1	24.17479	77.90765	13:05:00	D	1.73
499	VIDESHA	SIRANJ	JPSS-1	24.20322	77.51163	13:05:00	D	2.05
500	VIDESHA	SIRANJ	JPSS-1	24.22131	77.84487	13:05:00	D	1.96
501	VIDESHA	VIDESHA	JPSS-1	23.66319	77.70388	01:51:00	N	0.68
502	VIDESHA	VIDESHA	JPSS-1	23.70772	77.80044	13:05:00	D	1.37



**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.	<del>JPSS-1 (NOAA-20)</del>	<del>VIIRS</del>	<del>375</del>	<del>Both</del>
3.	<del>JPSS-2 (NOAA-21)</del>	<del>VIIRS</del>	<del>375</del>	<del>Both</del>
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](#)

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