

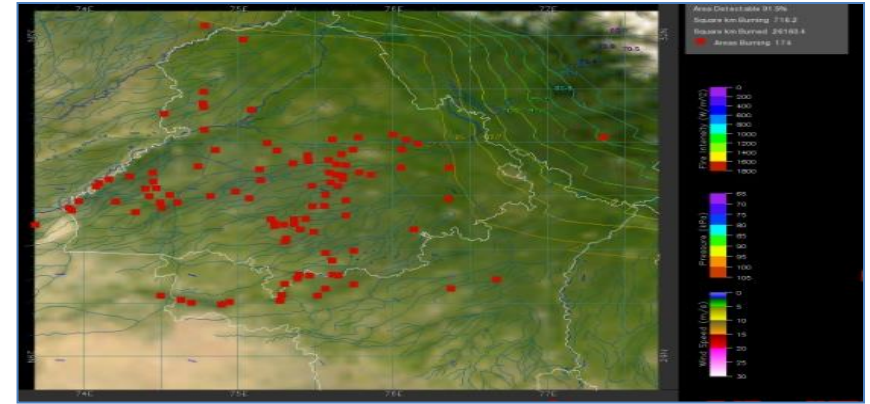
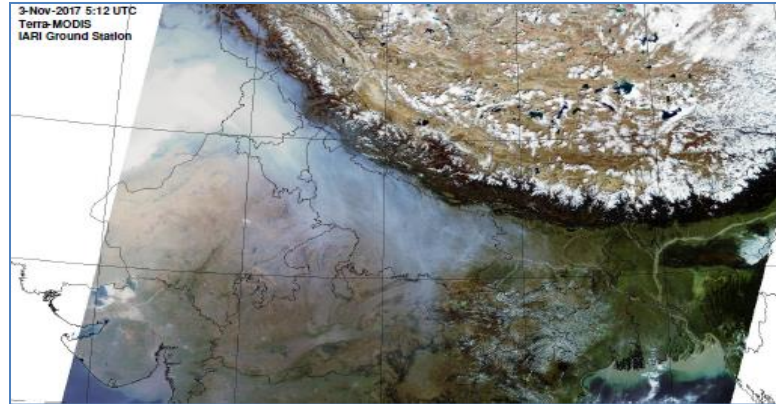


# MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2024

**Bulletin  
No. 63**

**Events Date:  
16-Nov-2024**

**Issued on:  
16-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**

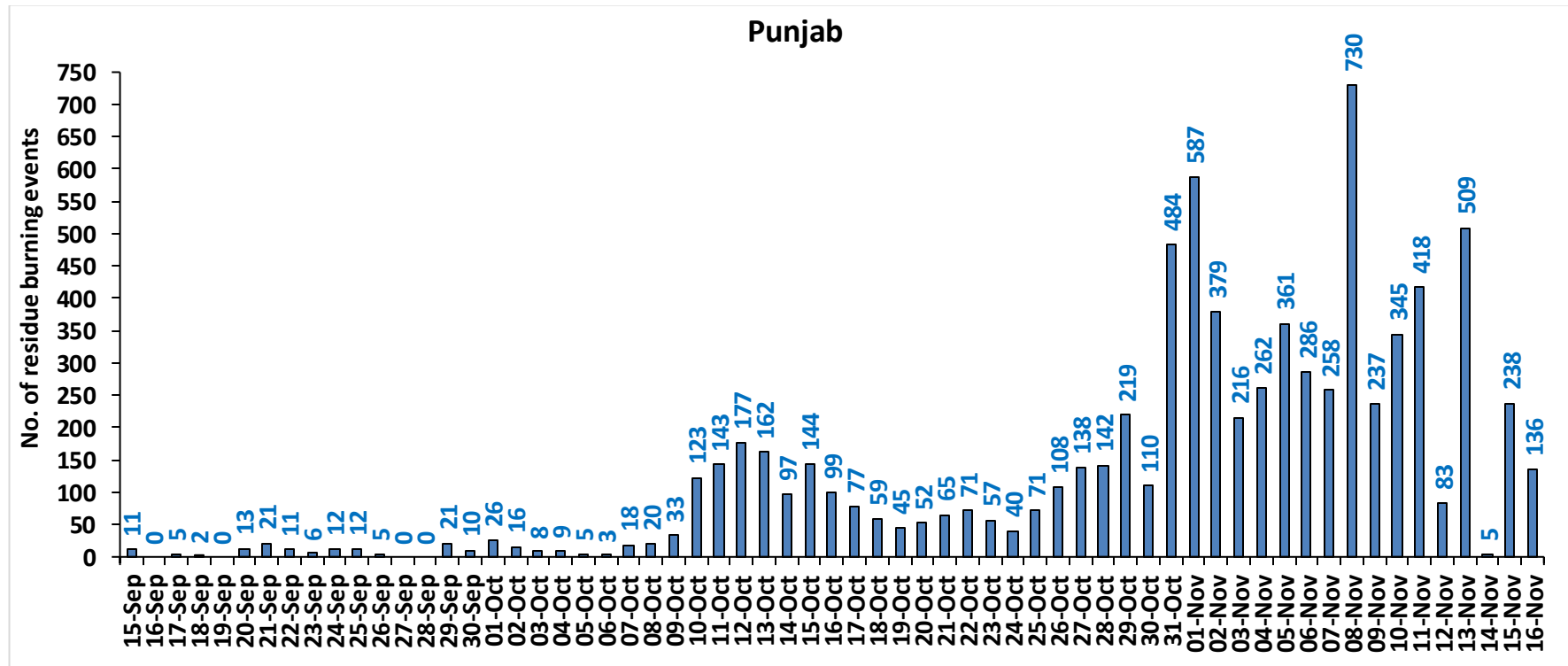
<https://creams.iari.res.in>

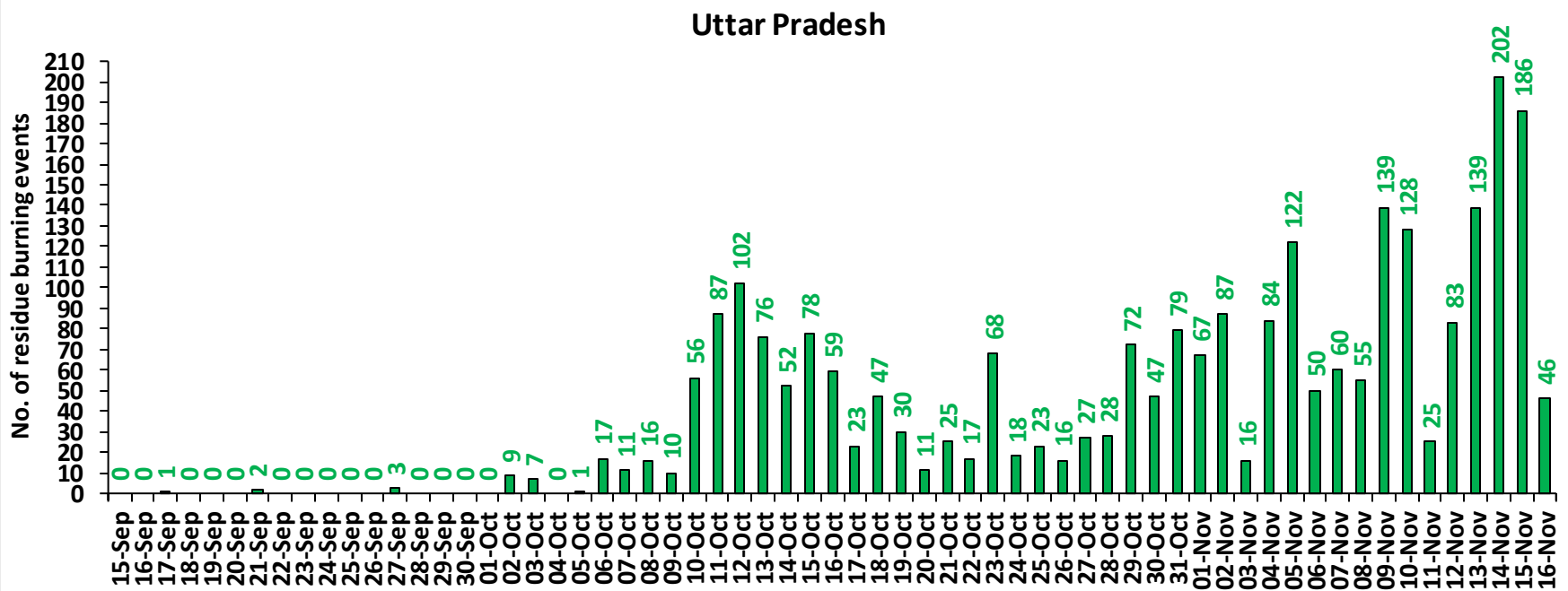
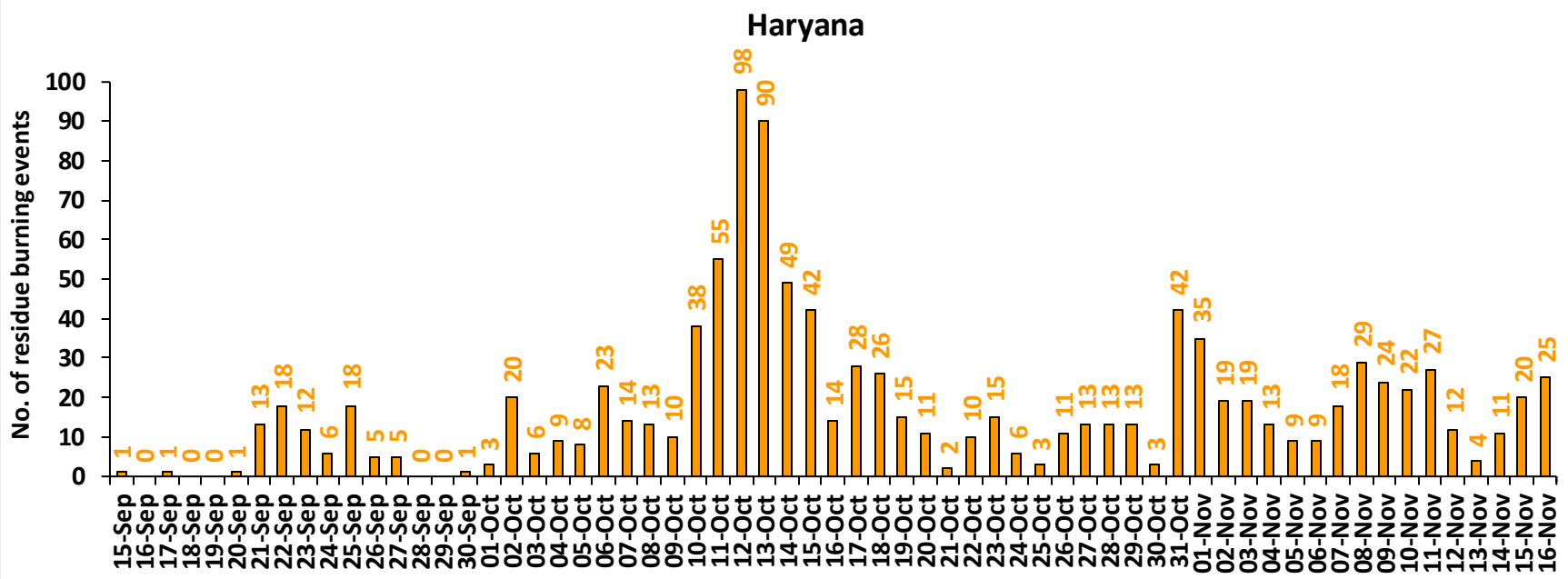


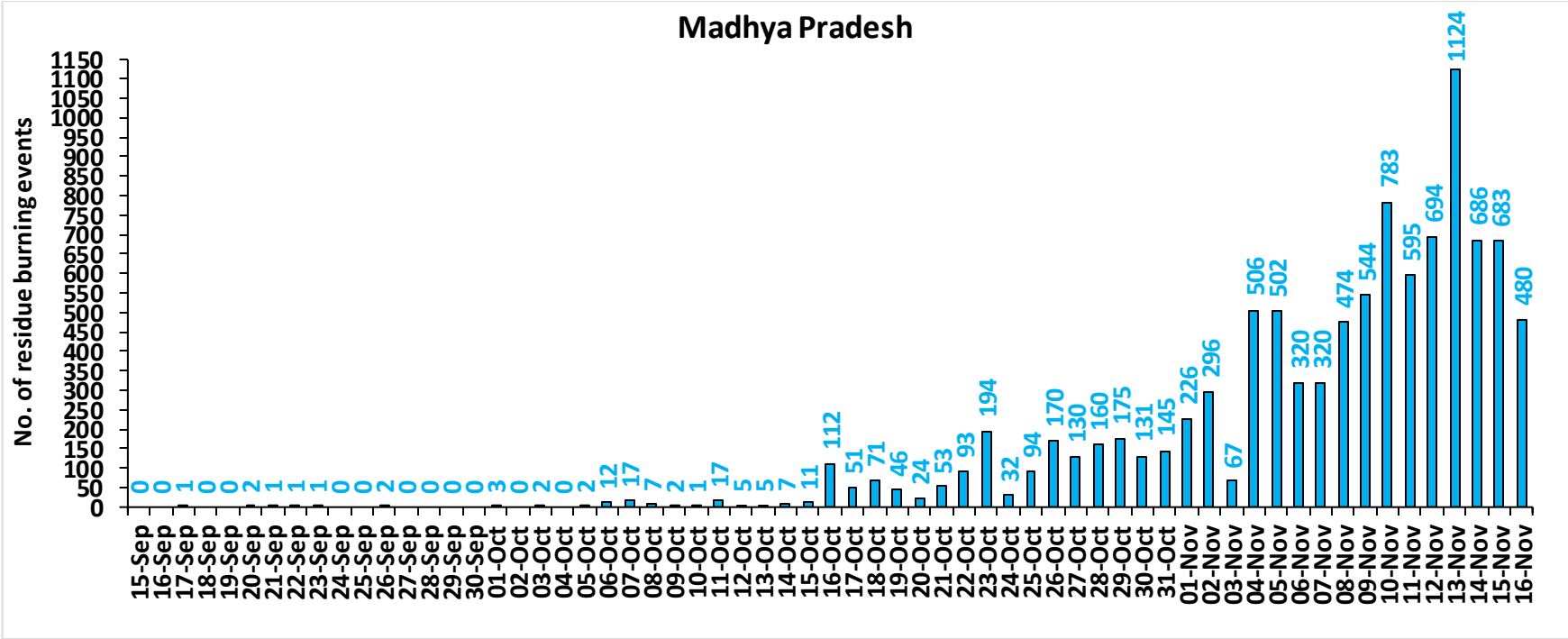
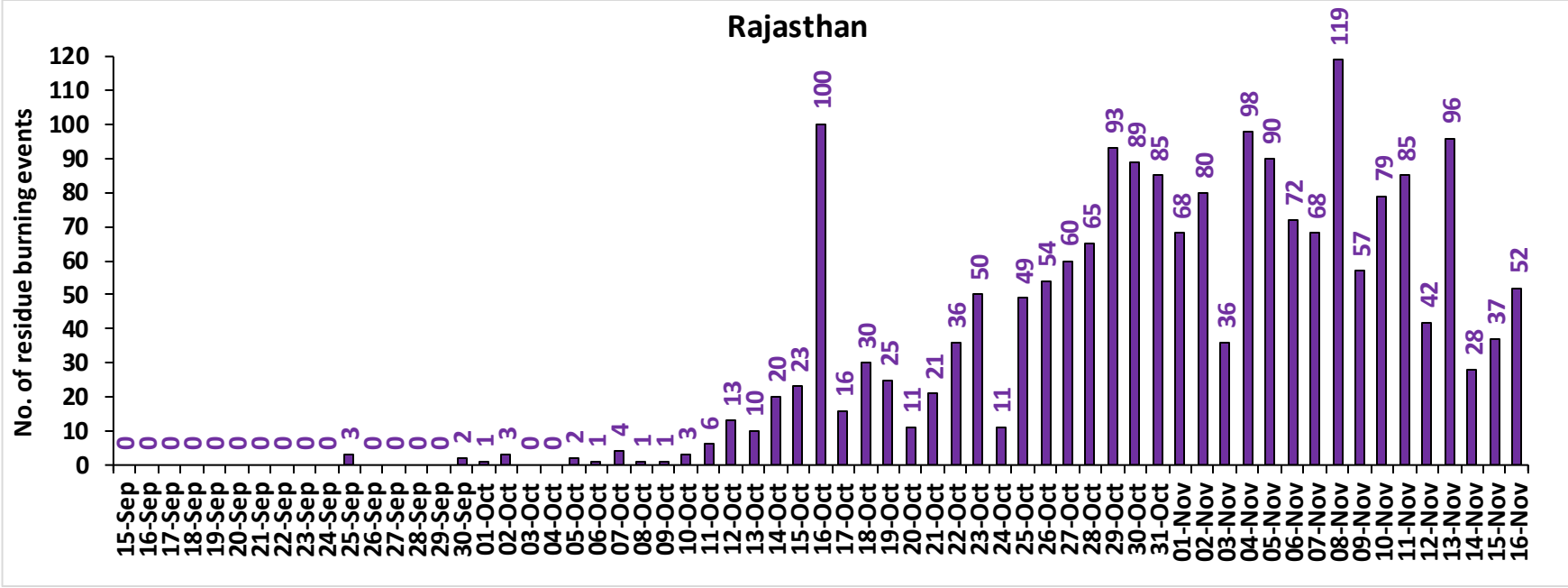
## Highlights for 16-Nov-2024

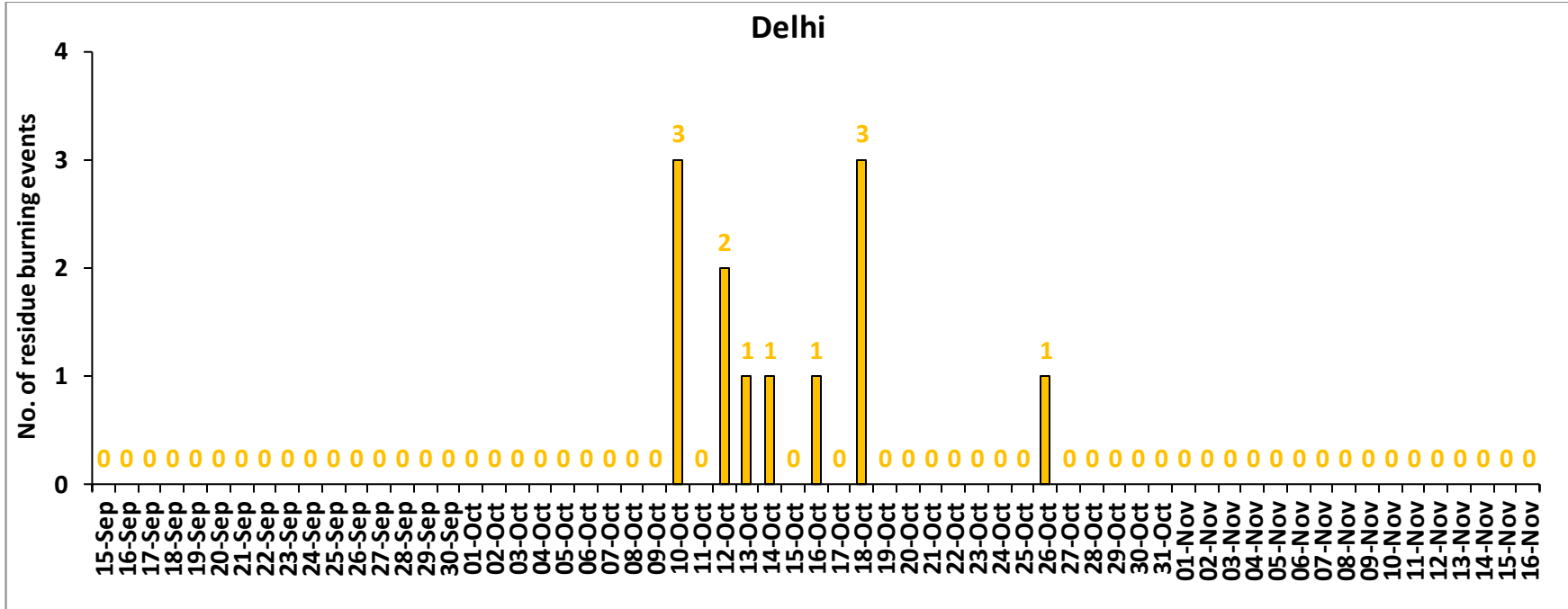
- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol " recommended by CAQM.
- Satellites detected **739** residue burning events in the six study States on **16-Nov-2024**.
- The state wise events detected on **16-Nov-2024** were **136** in Punjab, **25** in Haryana, **46** in UP, **00** in Delhi, **52** in Rajasthan and **480** in MP.
- Total **23774** burning events were detected in the six states between **15-Sept-2024** and **16-Nov-2024**, which are distributed as **8000**, **1080**, **2607**, **12**, **1995** and **10080** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

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

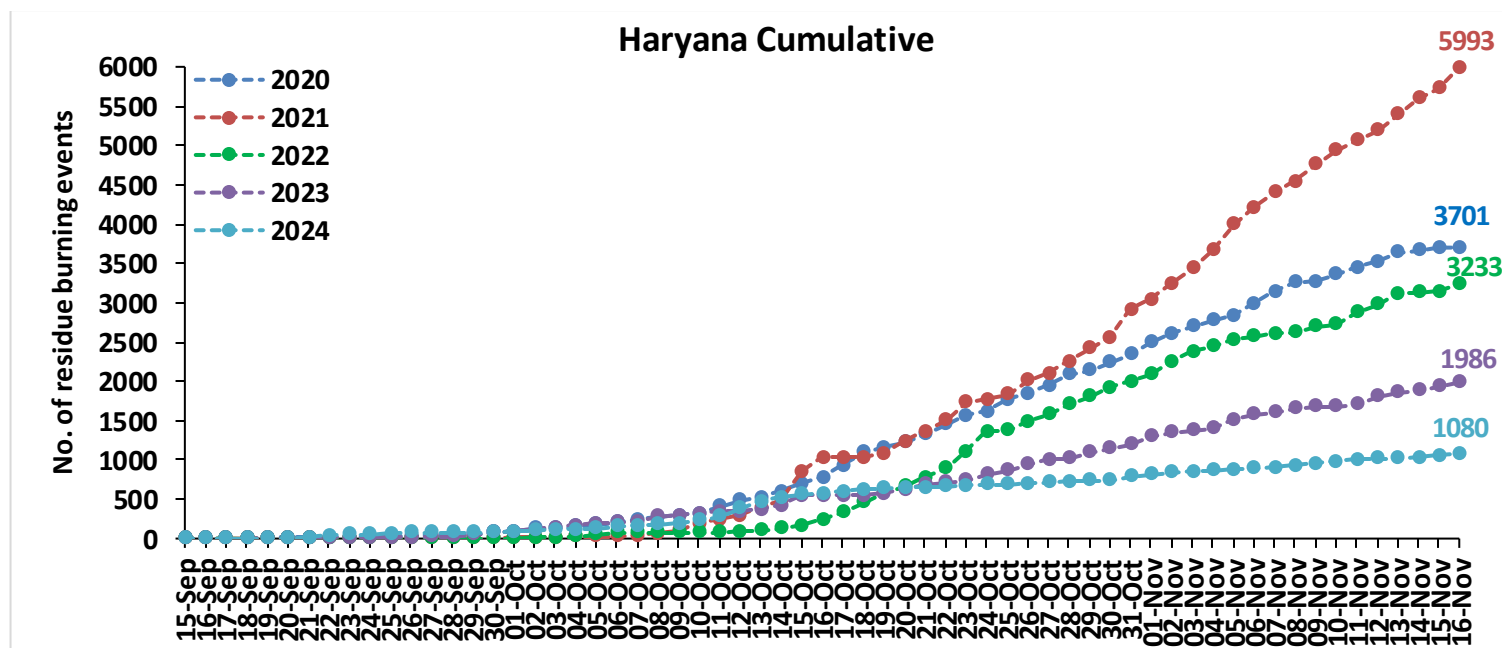
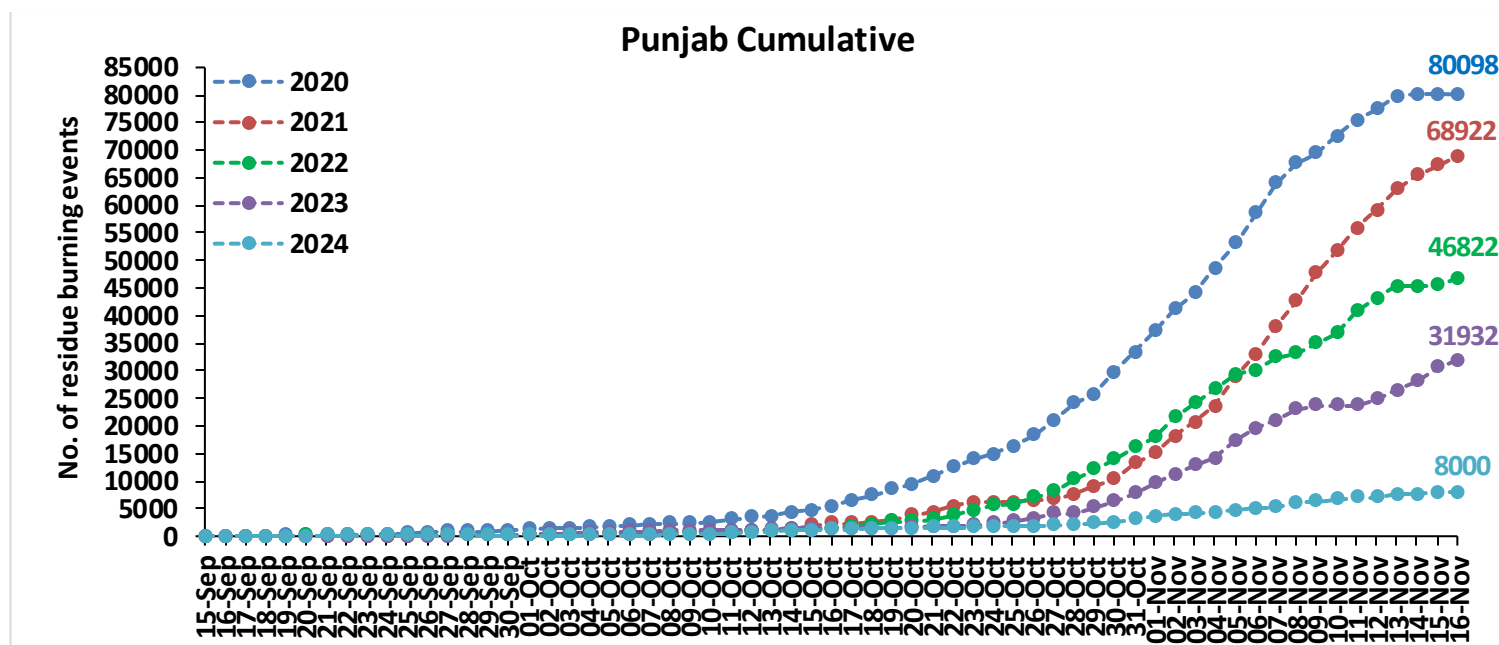


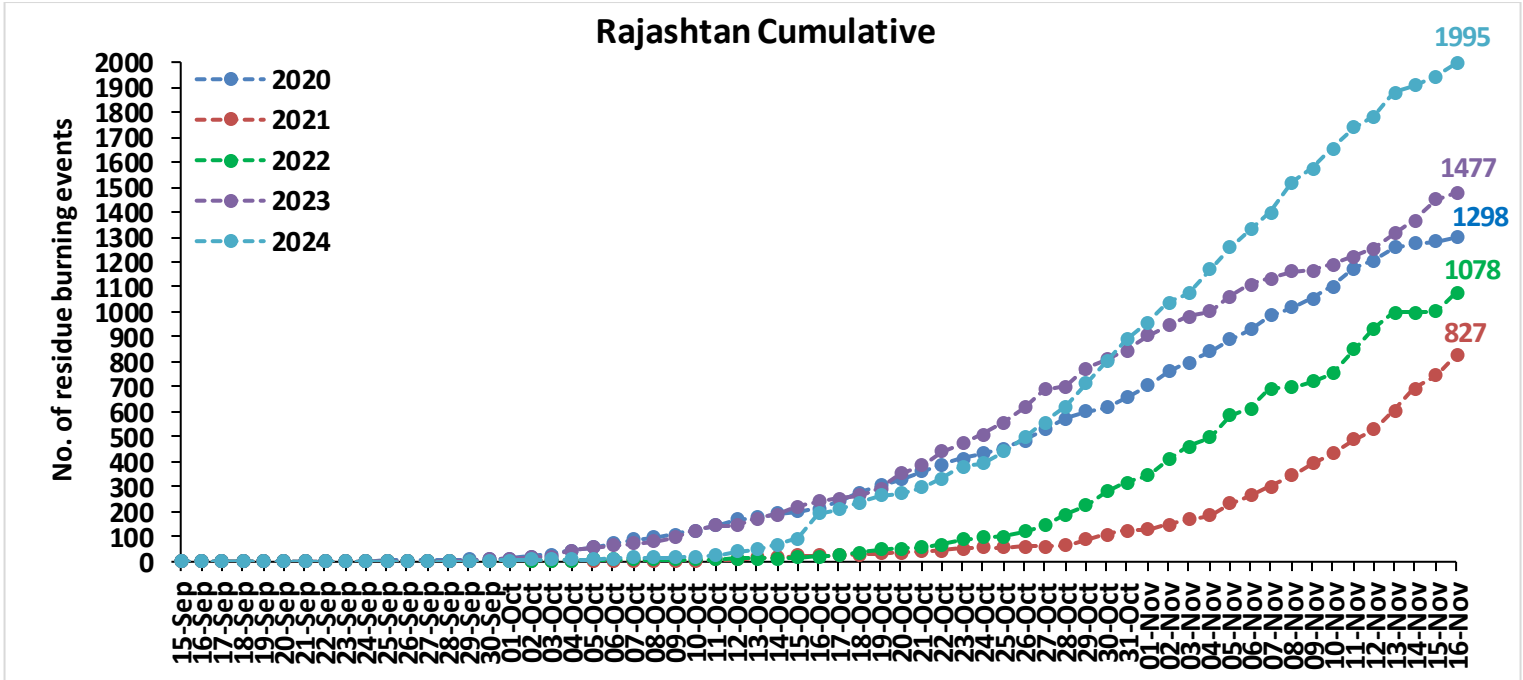
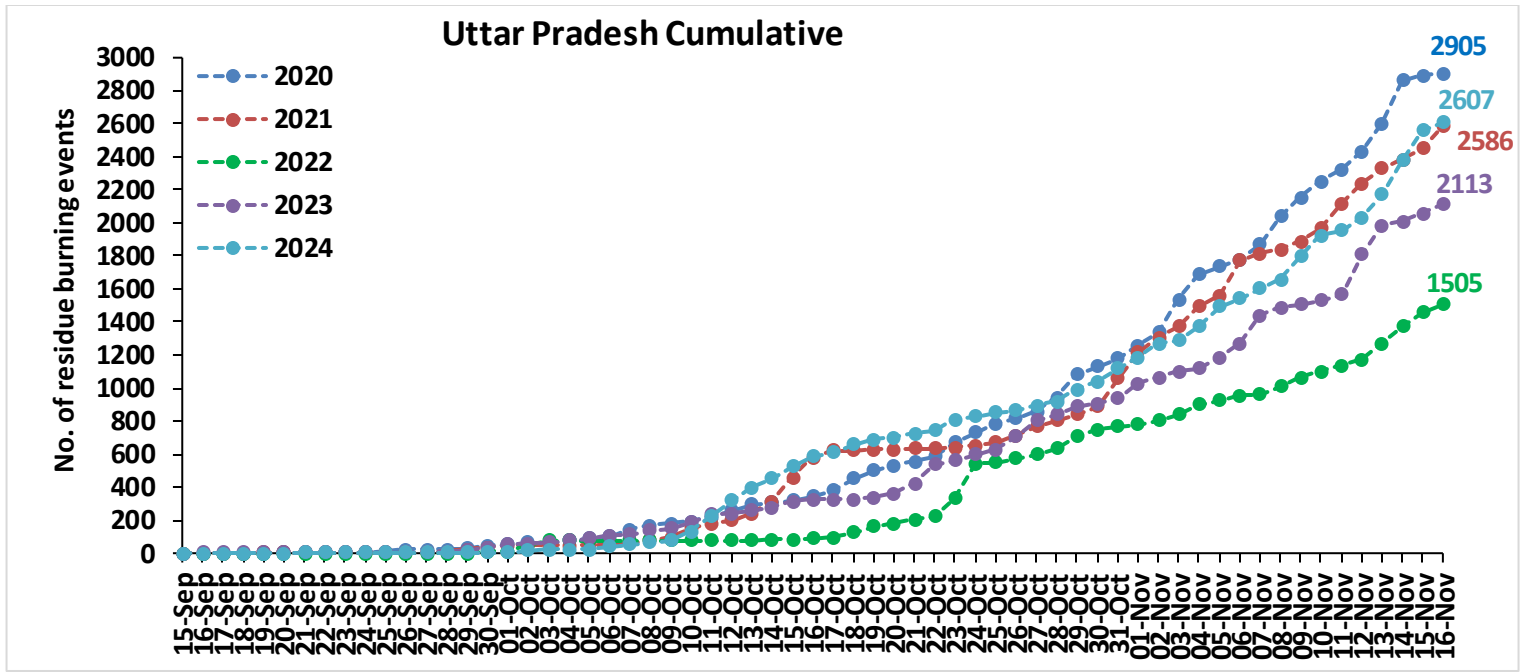




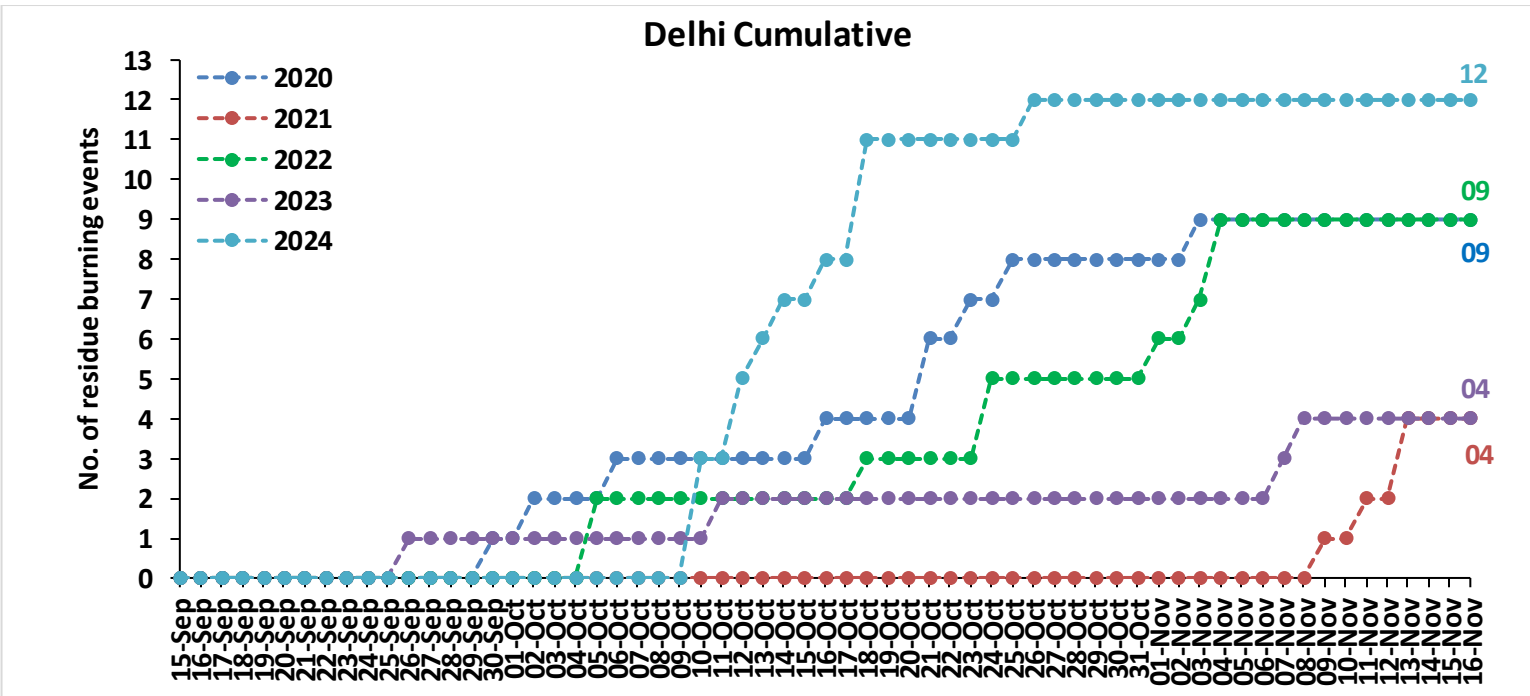
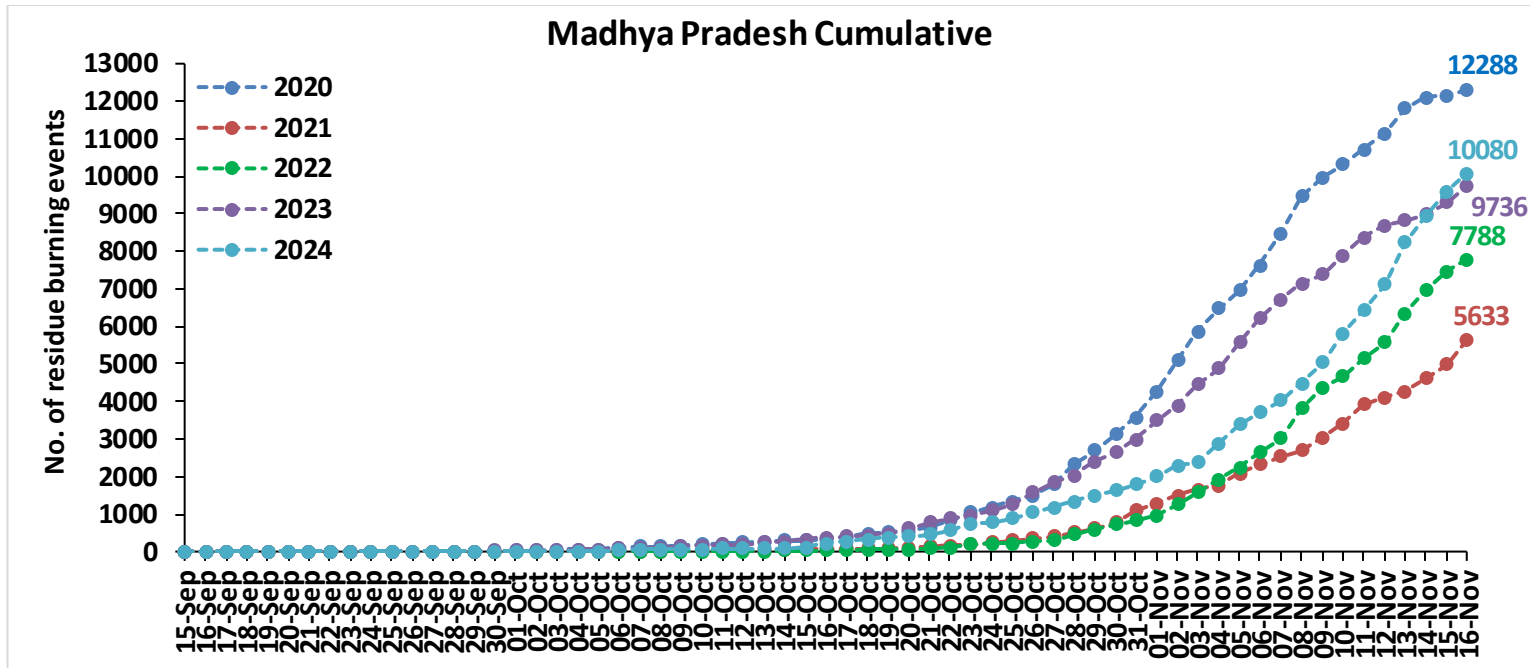


## Comparison of residue burning events in current year (2024) with previous years (2020, 2021, 2022 and 2023) for the study States



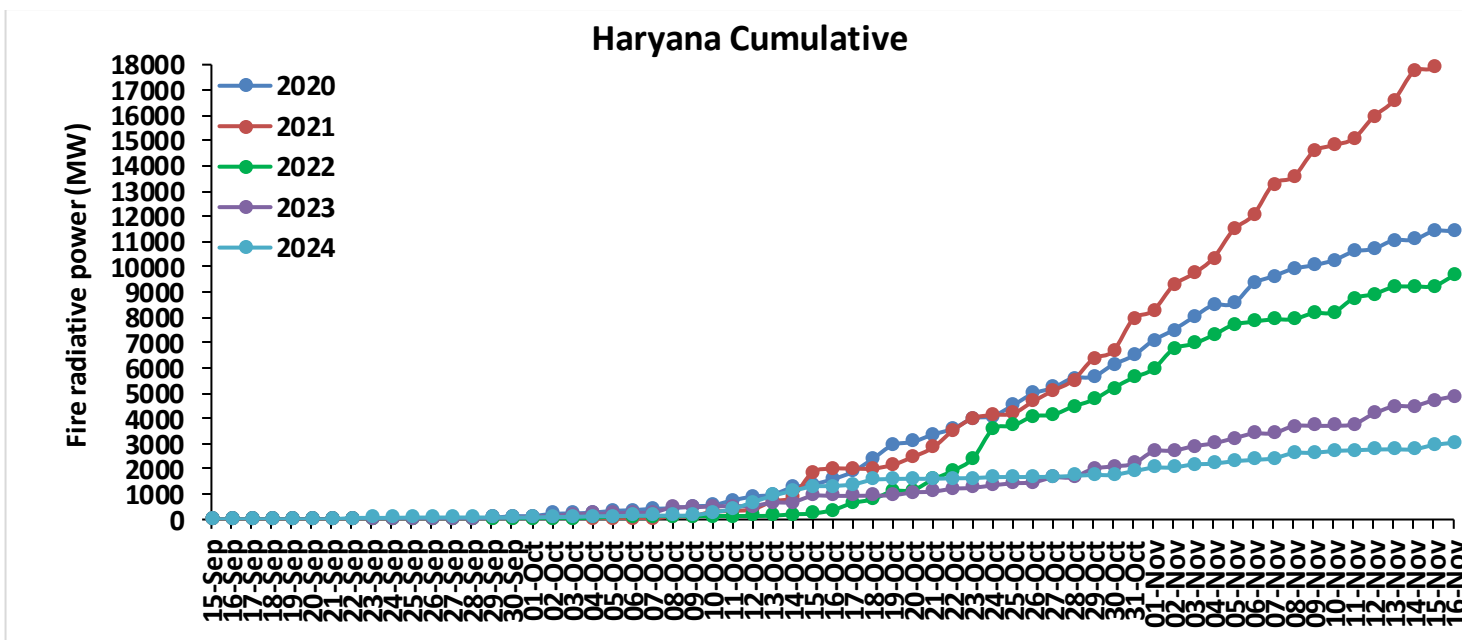
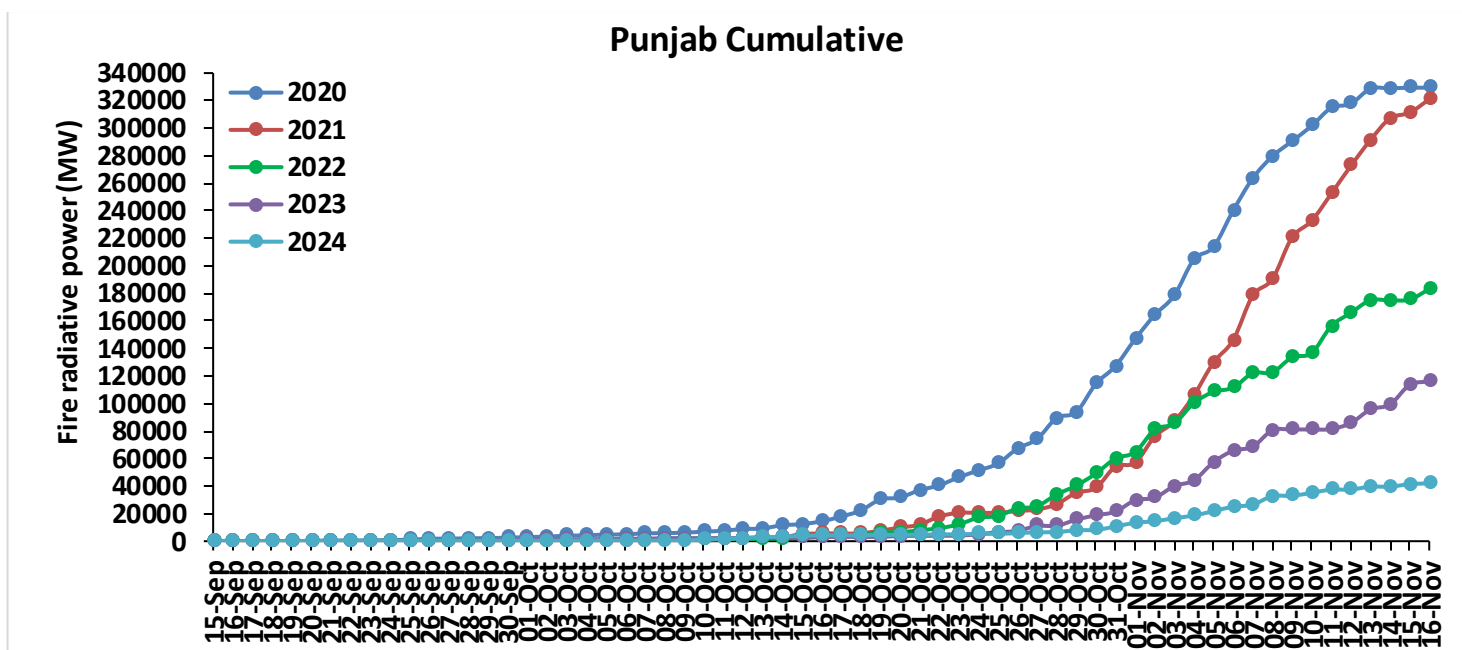


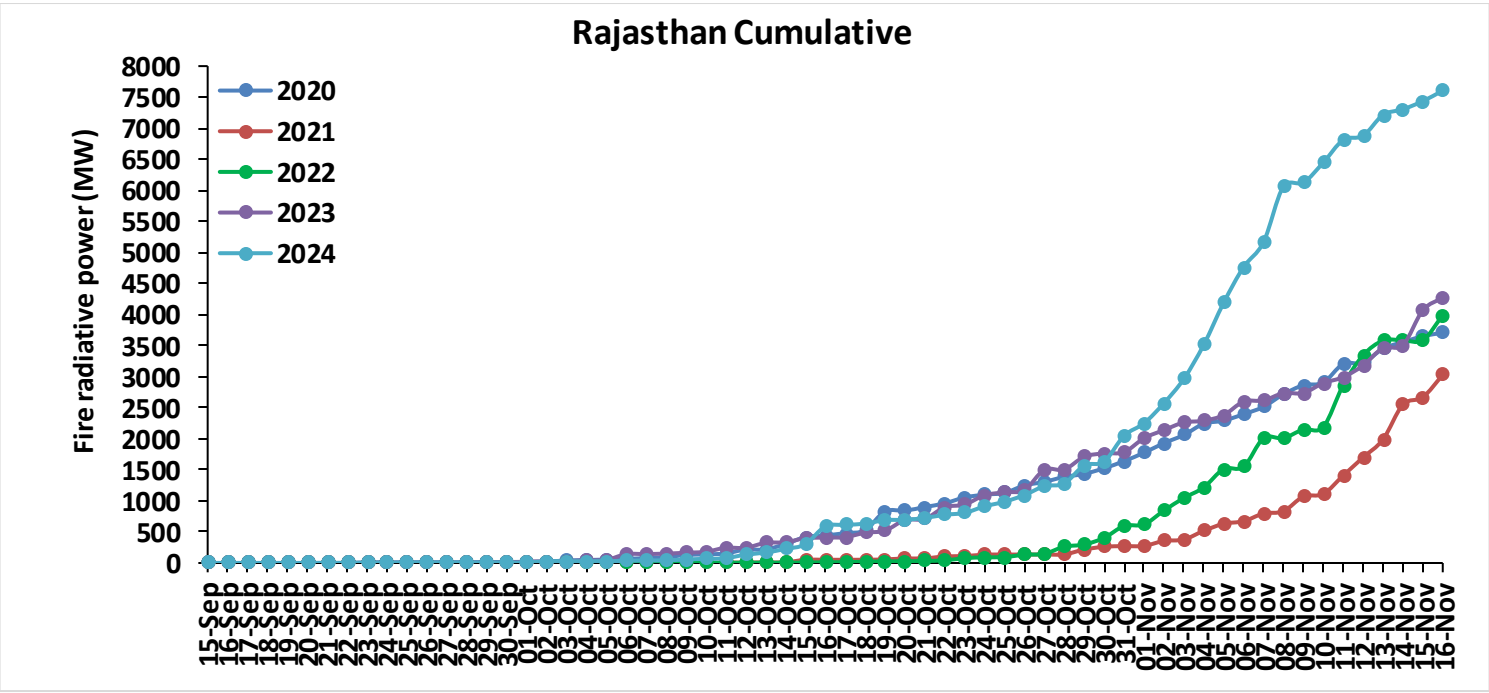
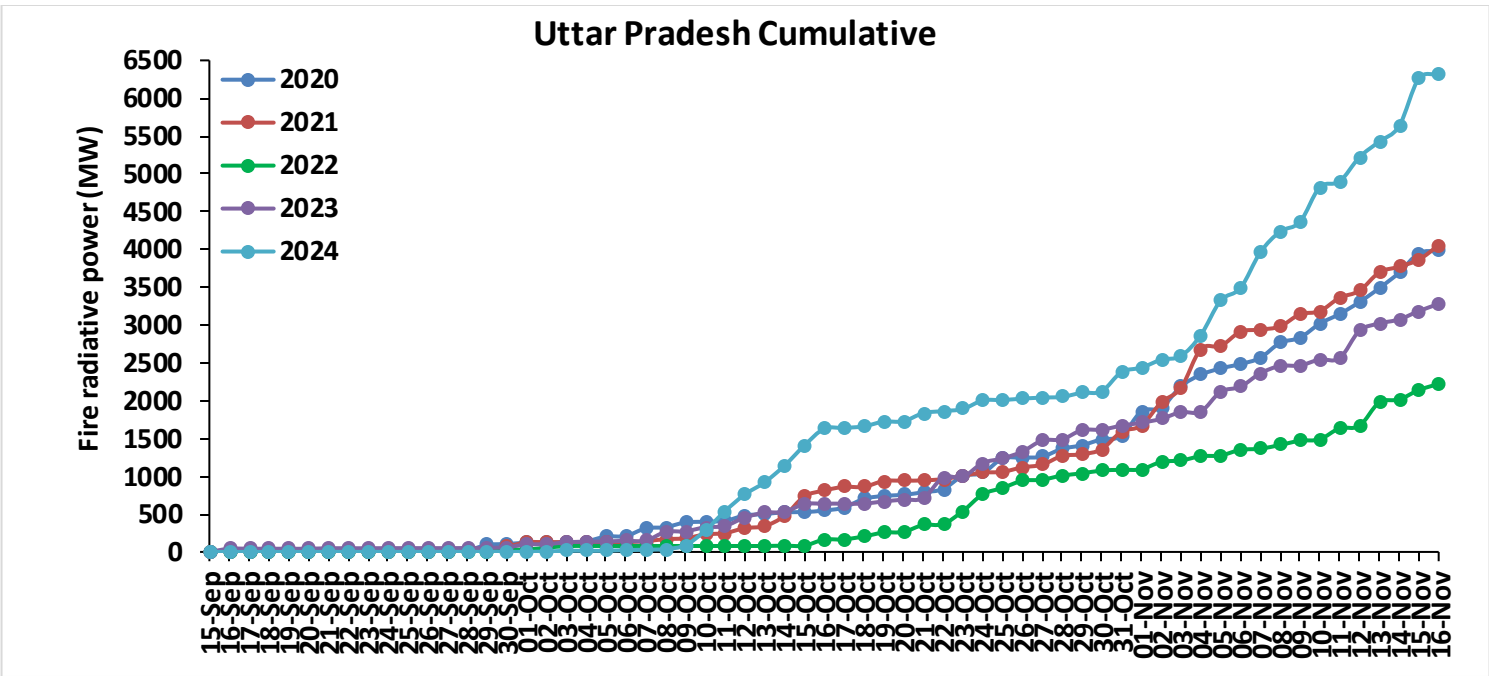


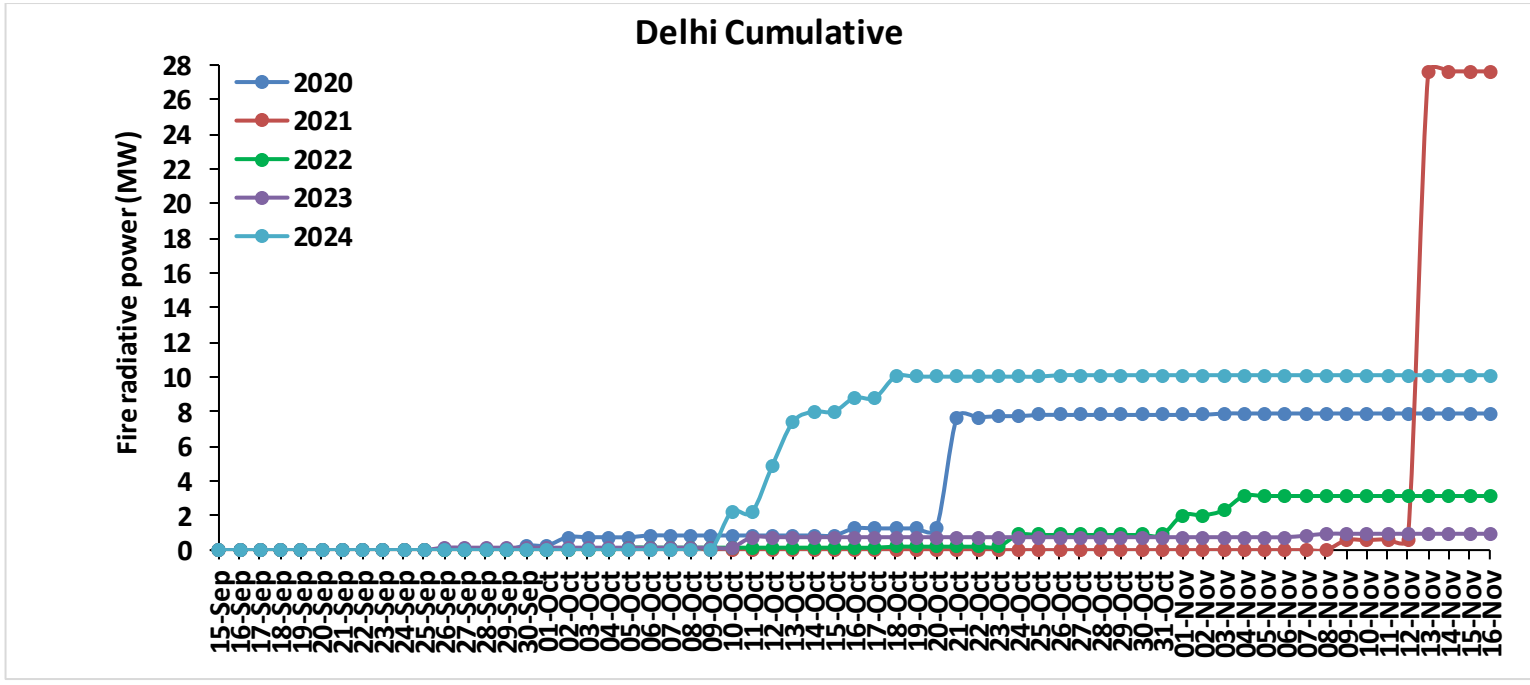
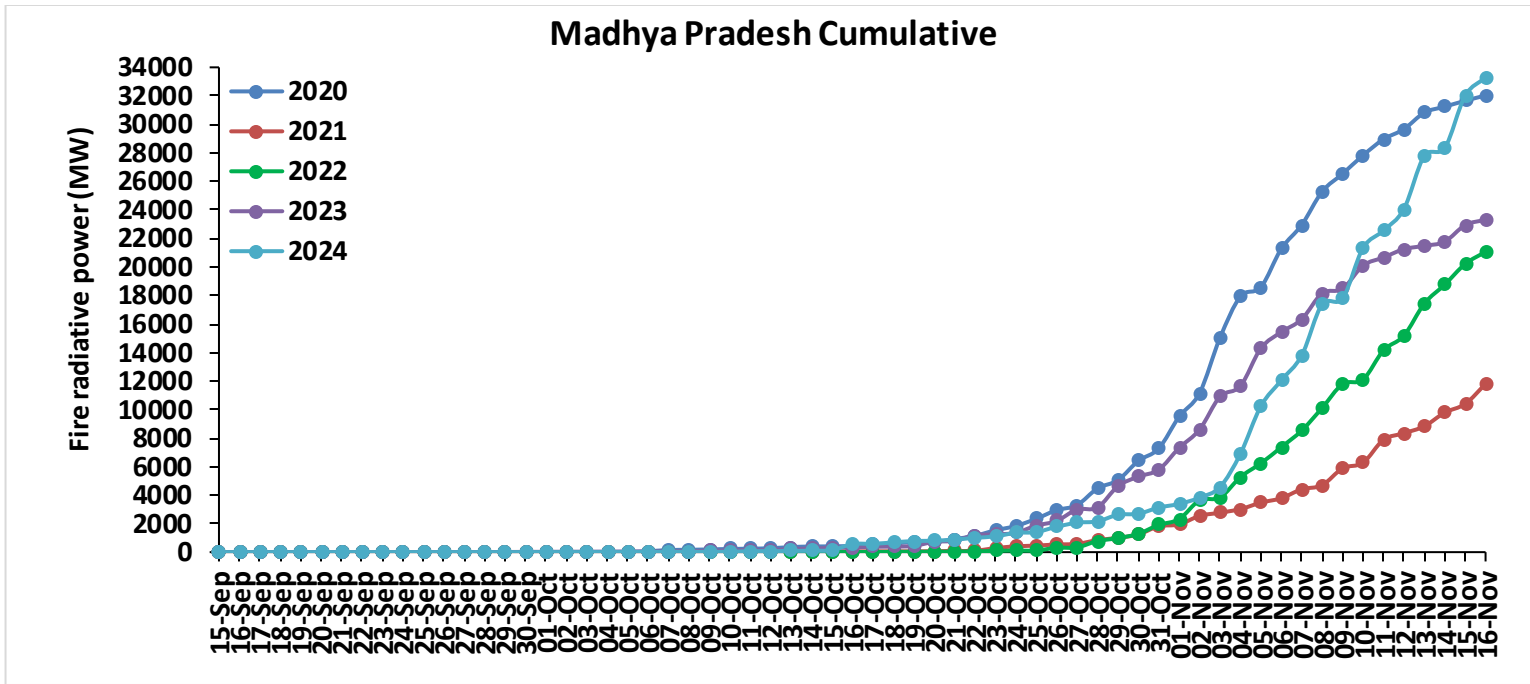




## Comparison of residue burning fire power in current year (2024) with previous years (2020,2021,2022 and 2023) for the study States

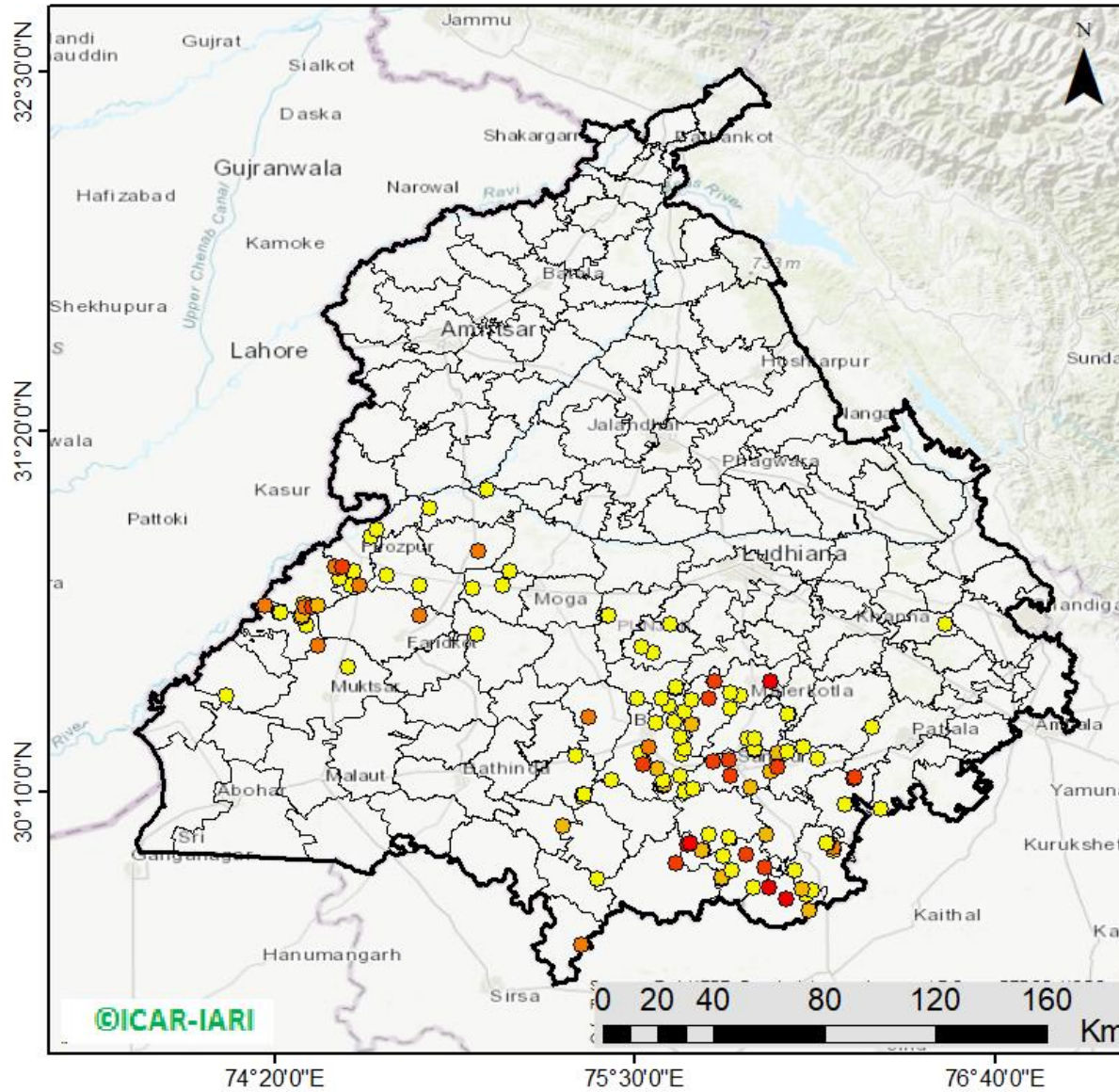






# Punjab

## RICE RESIDUE BURNING IN PUNJAB



**136** burning events detected in Punjab during (16th Nov 2024)

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

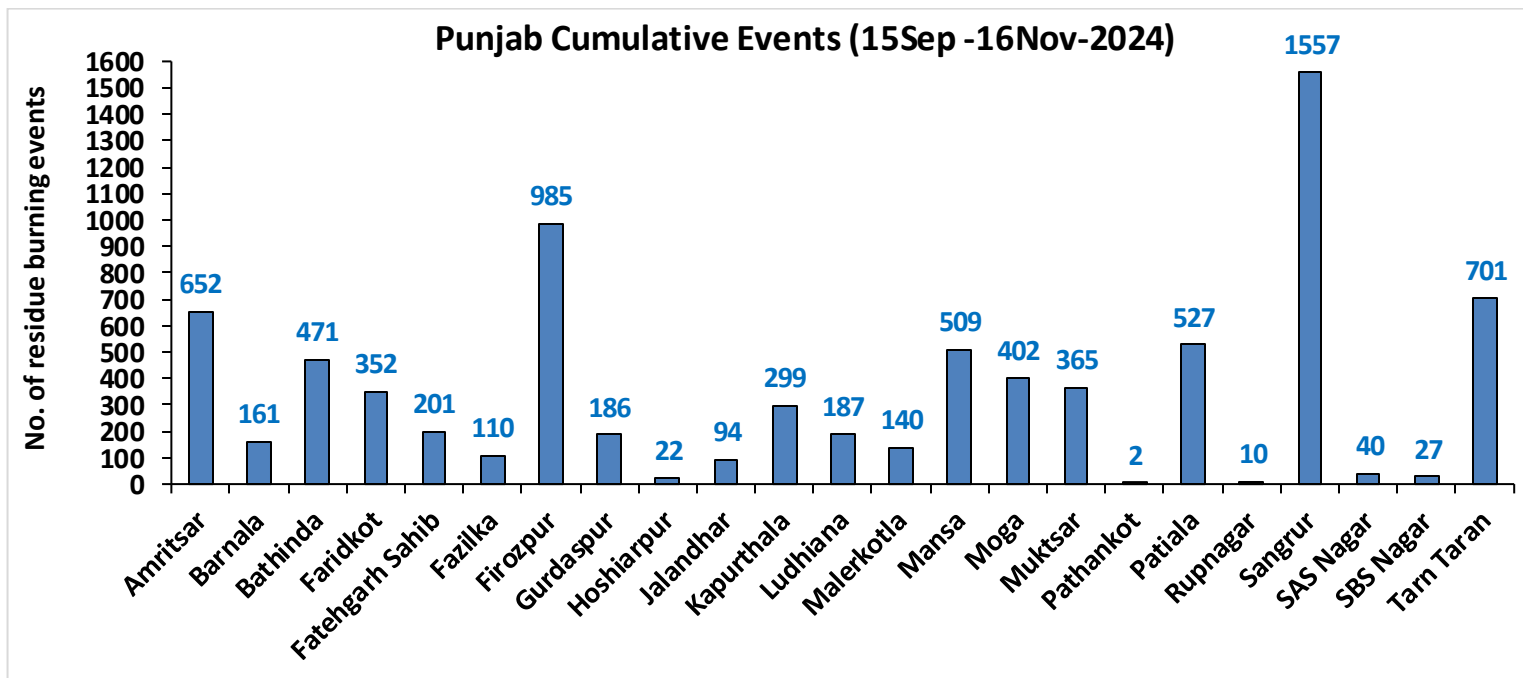
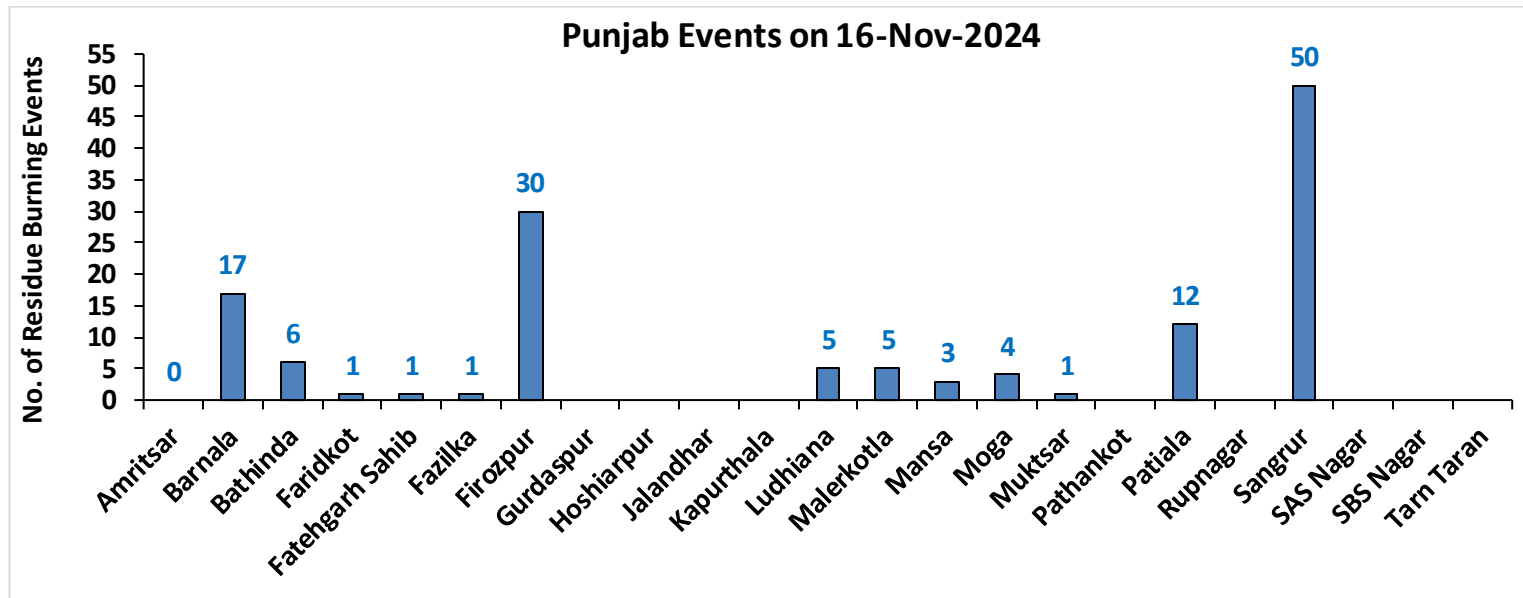
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

©ICAR-IARI



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

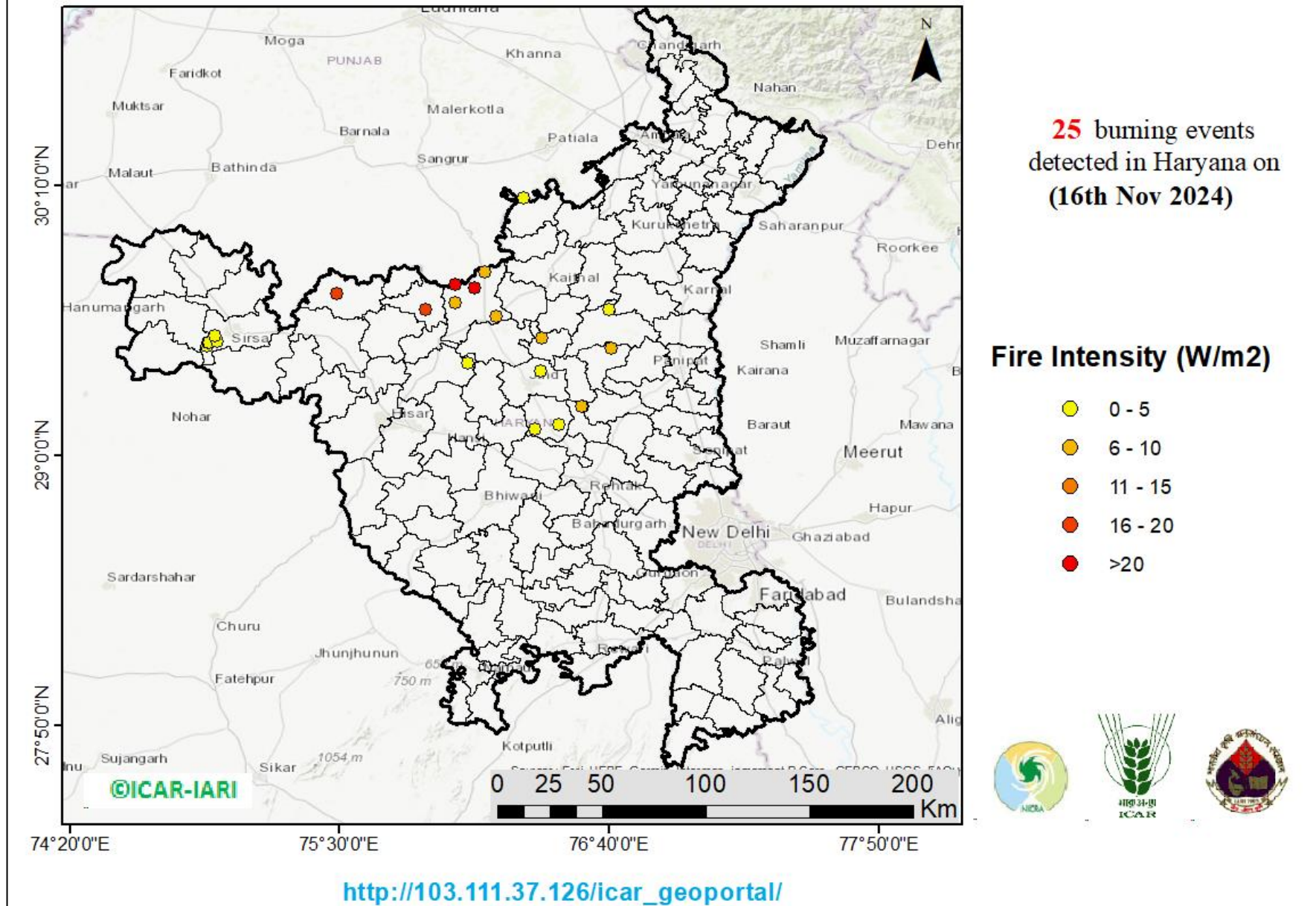
## District-wise cumulative number of residues burning events in Punjab (15Sep-16Nov-2024)



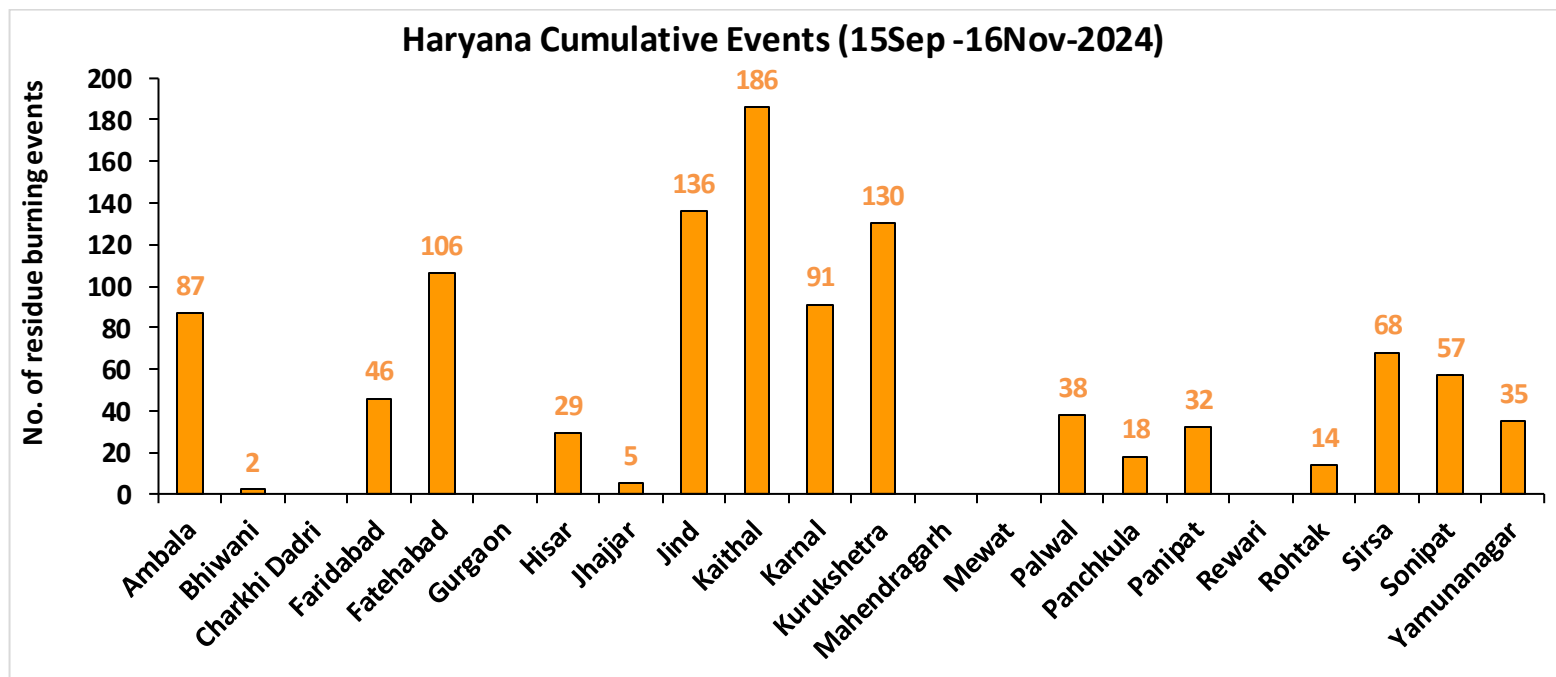
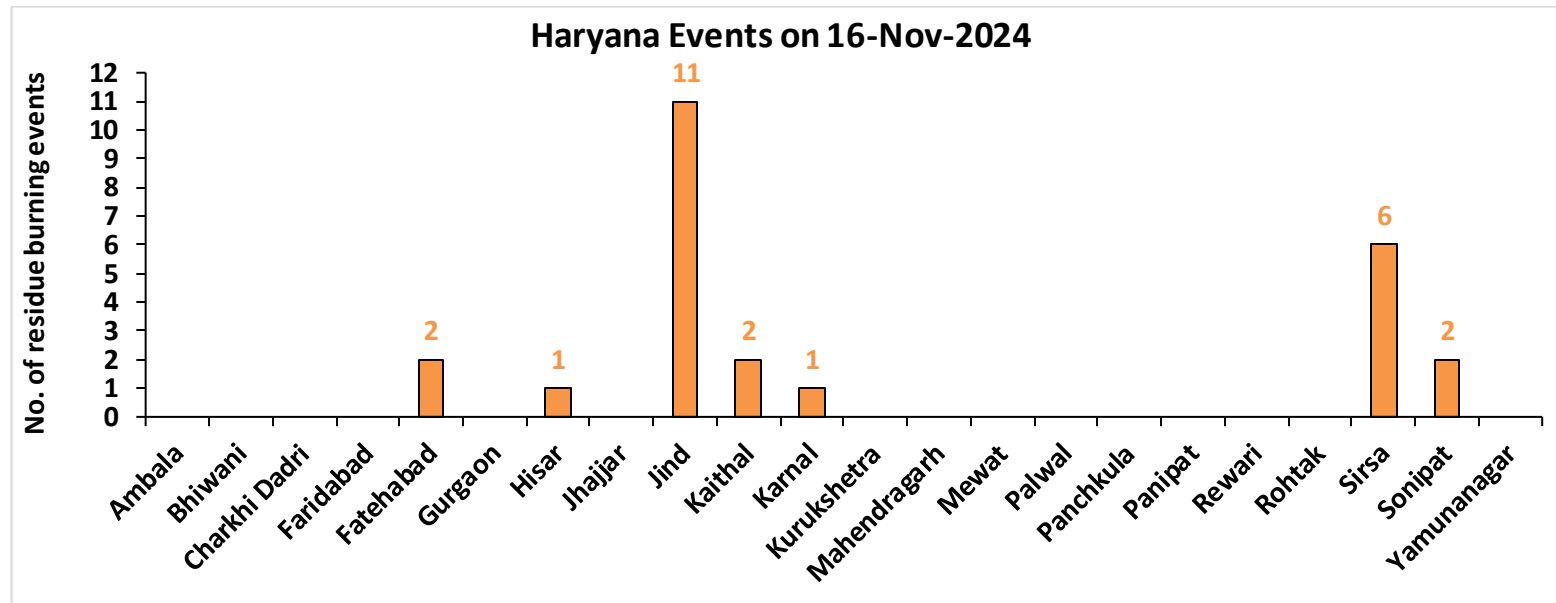


# Haryana

## RICE RESIDUE BURNING IN HARYANA



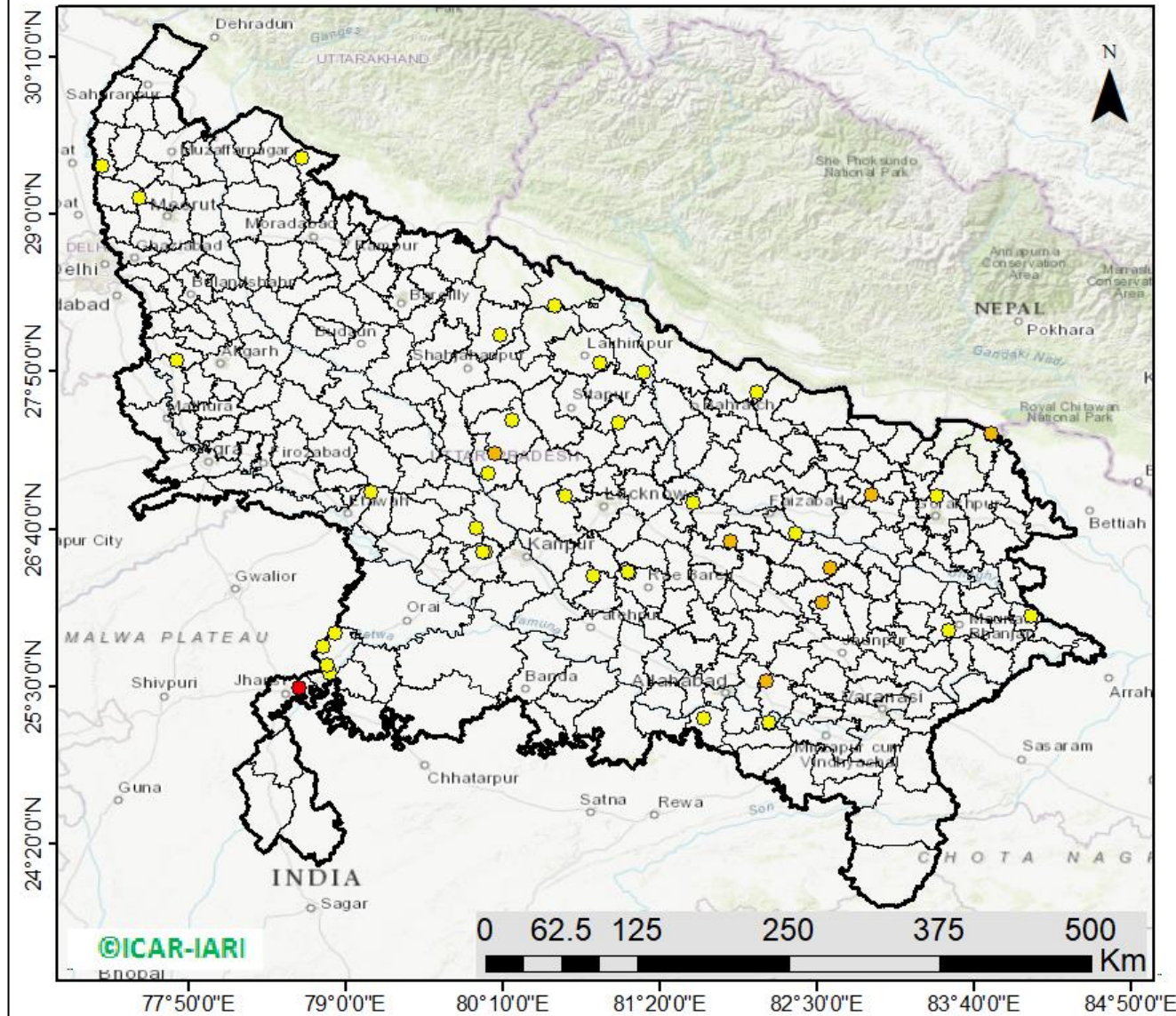
## District-wise cumulative number of residues burning events in Haryana (15Sep-16Nov-2024)





# Uttar Pradesh

## RICE RESIDUE BURNING IN UTTAR PRADESH



**46** burning events detected in Uttar Pradesh on (16th Nov 2024)

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

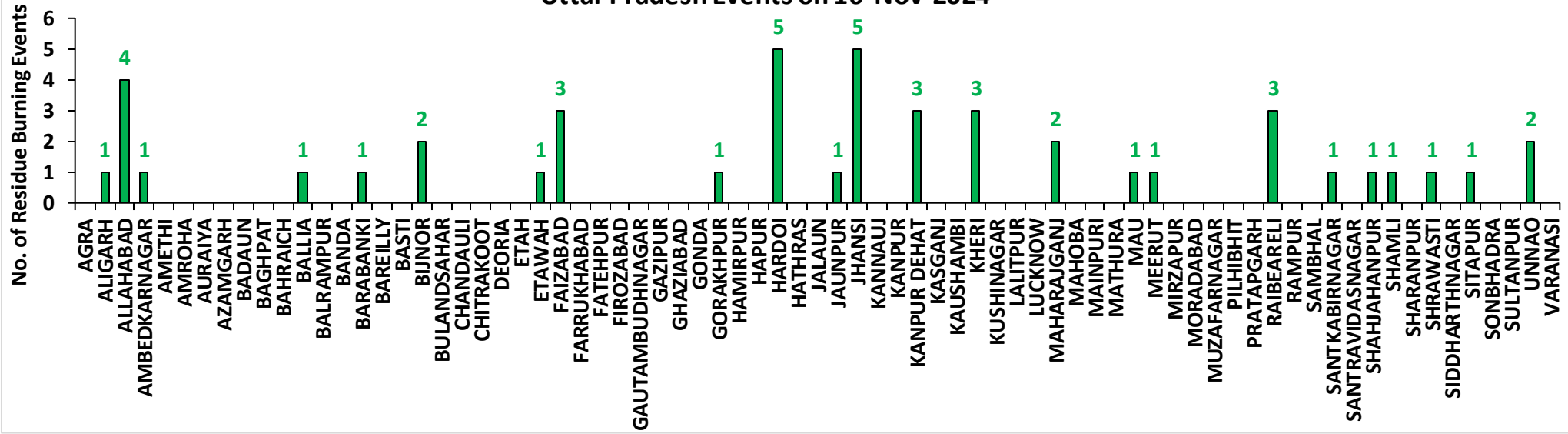
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



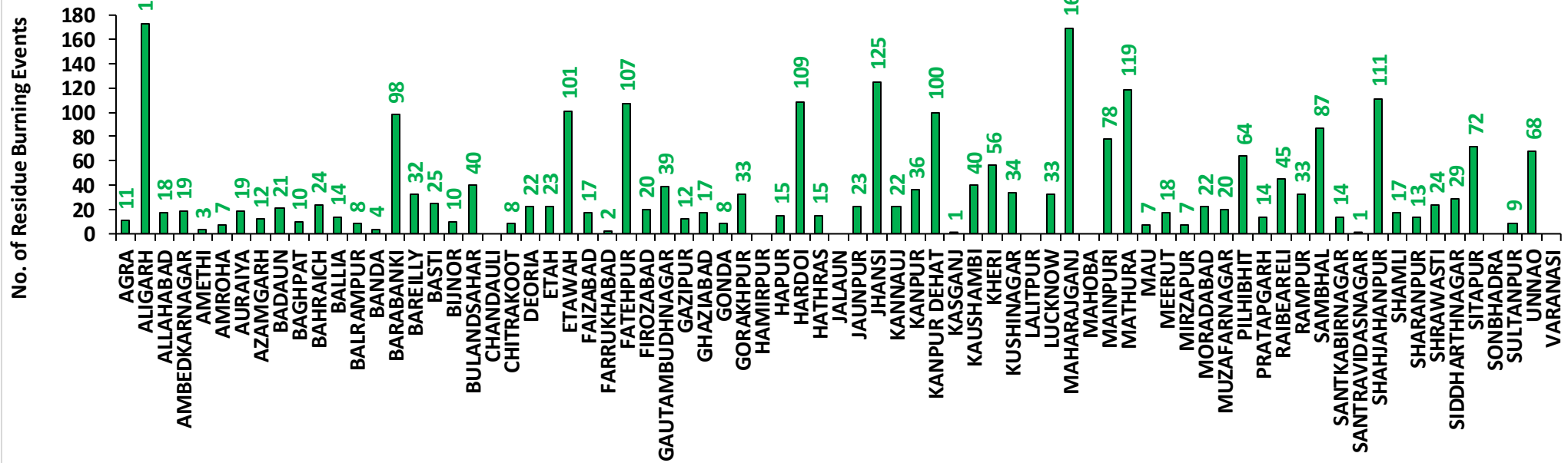
[http://103.111.37.126/icar\\_geoportal/](http://103.111.37.126/icar_geoportal/)

## District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-16Nov-2024)

### Uttar Pradesh Events on 16-Nov-2024



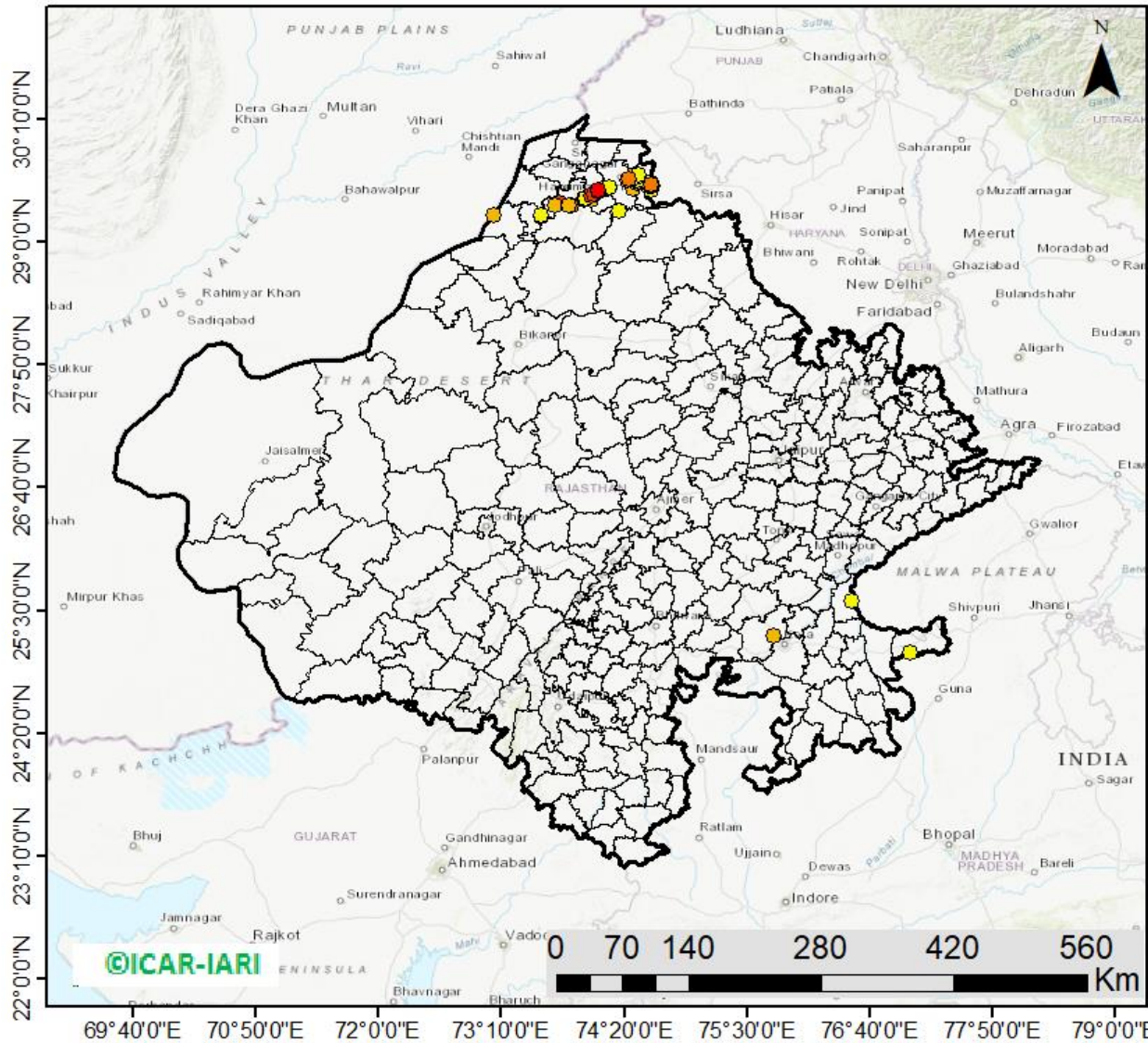
### Uttar Pradesh Cumulative Events (15Sep -16Nov-2024)





# Rajasthan

## RICE RESIDUE BURNING IN RAJASTHAN



**52** burning events  
detected in Rajasthan on  
**(16th Nov 2024)**

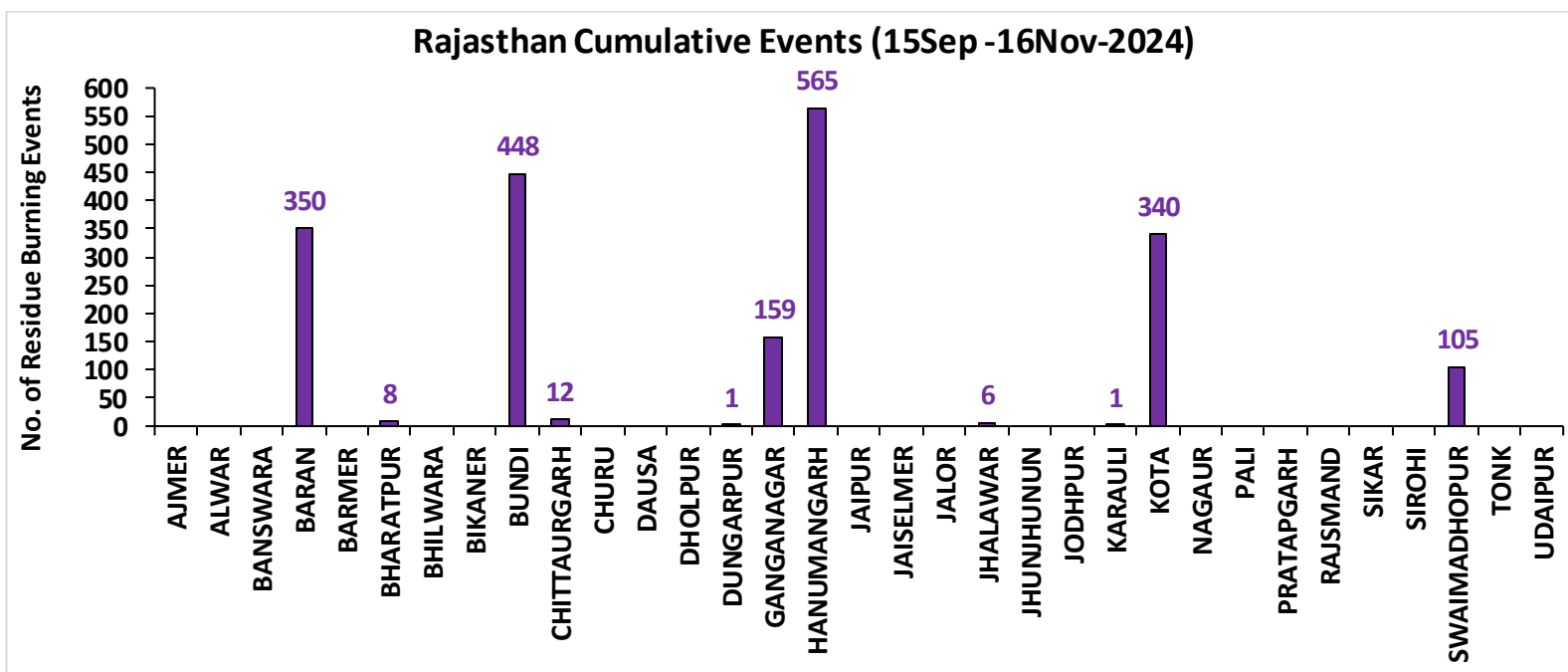
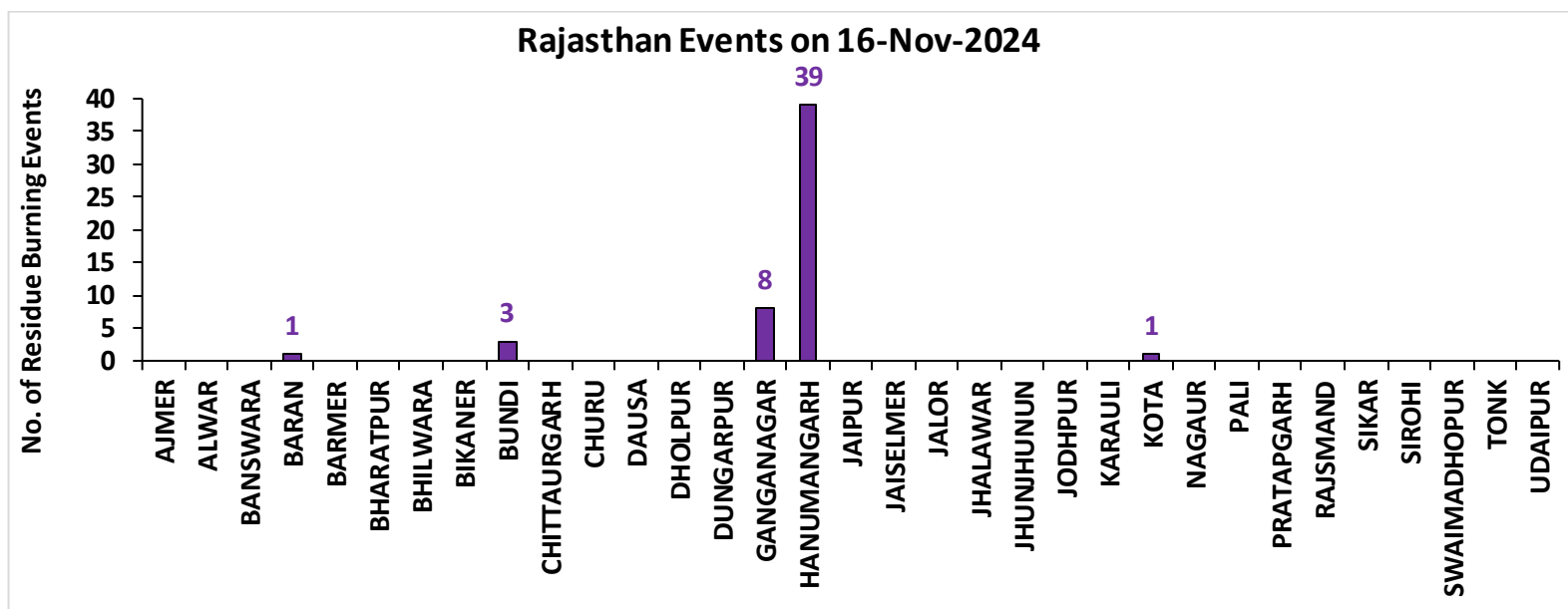
### Fire Intensity (W/m<sup>2</sup>)

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



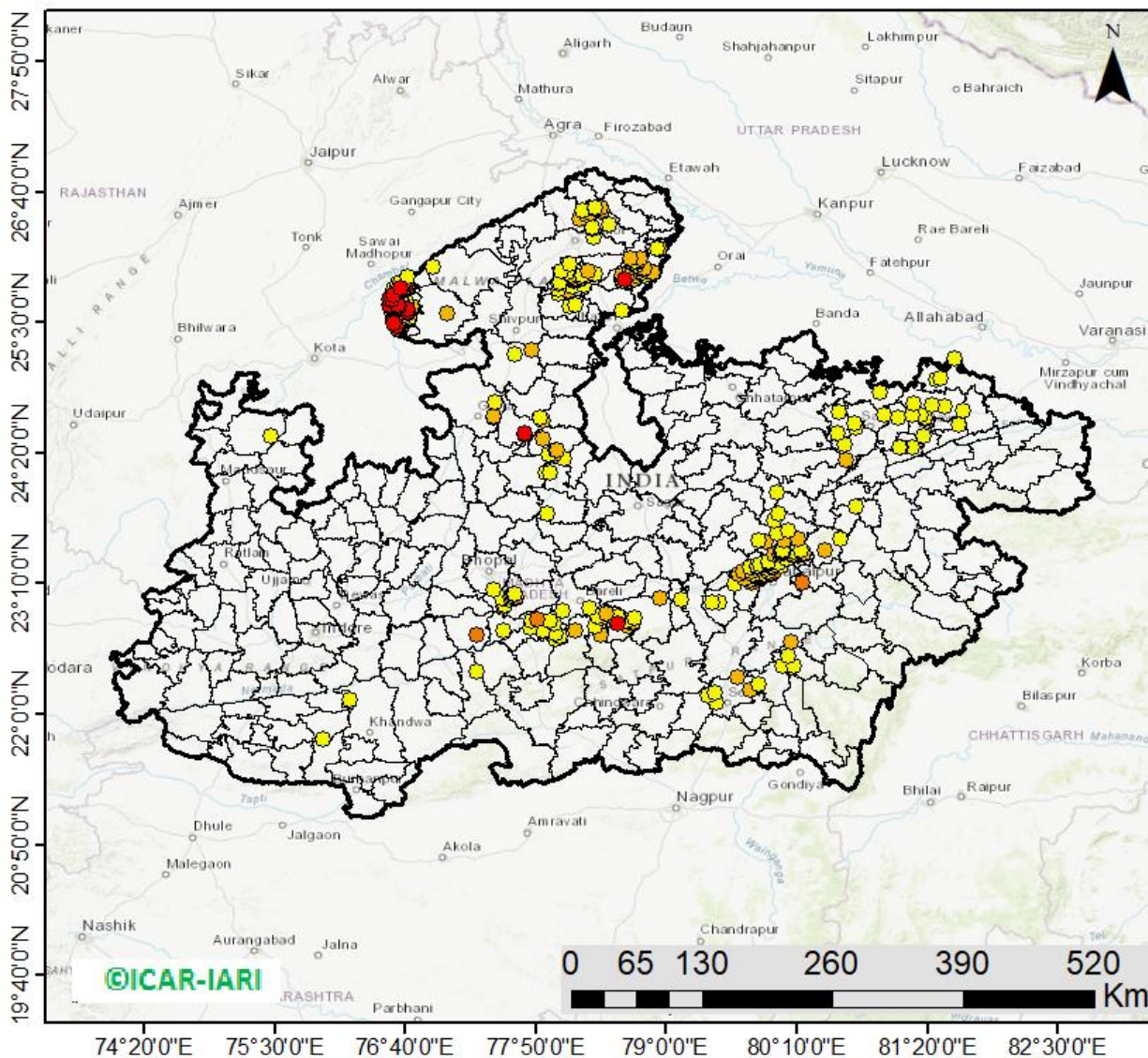
[http://103.111.37.126/icar\\_geportal/](http://103.111.37.126/icar_geportal/)

## District-wise cumulative number of residues burning events in Rajasthan (15Sep-16Nov-2024)



## Madhya Pradesh

### RICE RESIDUE BURNING IN MADHYA PRADESH



**480** burning events  
detected in MP on  
(16th Nov 2024)

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

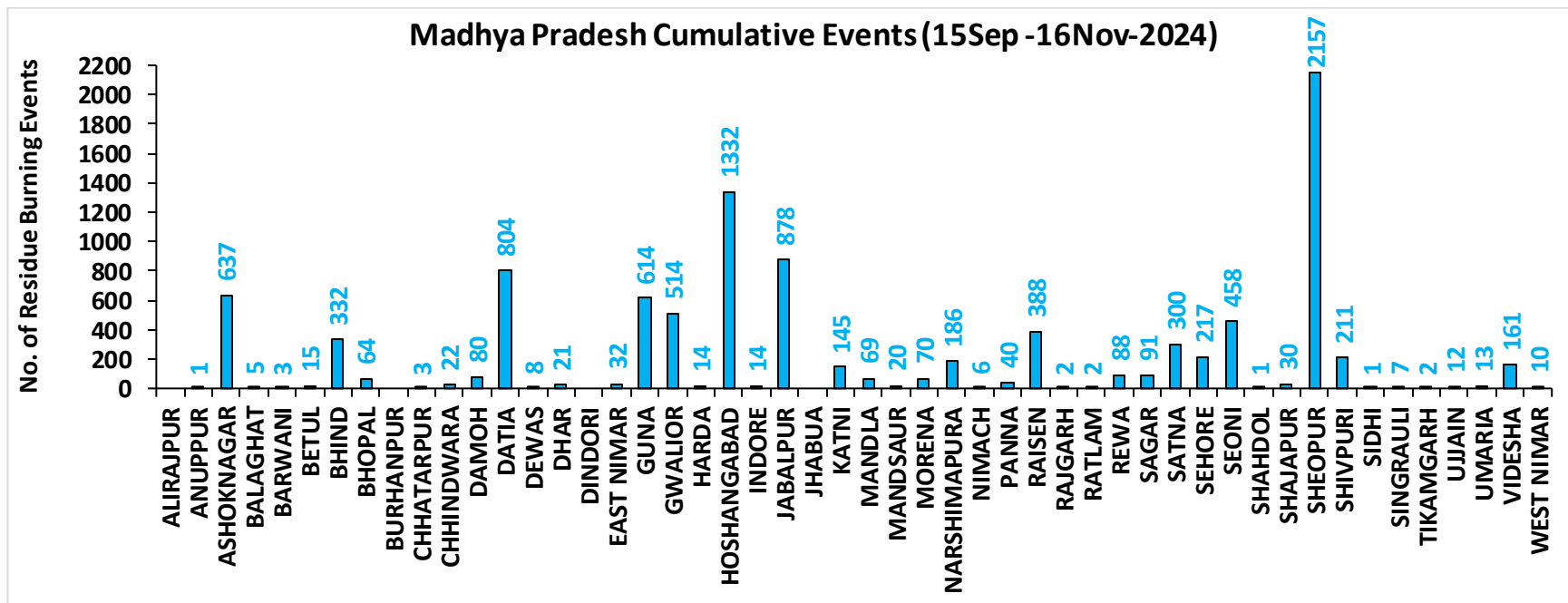
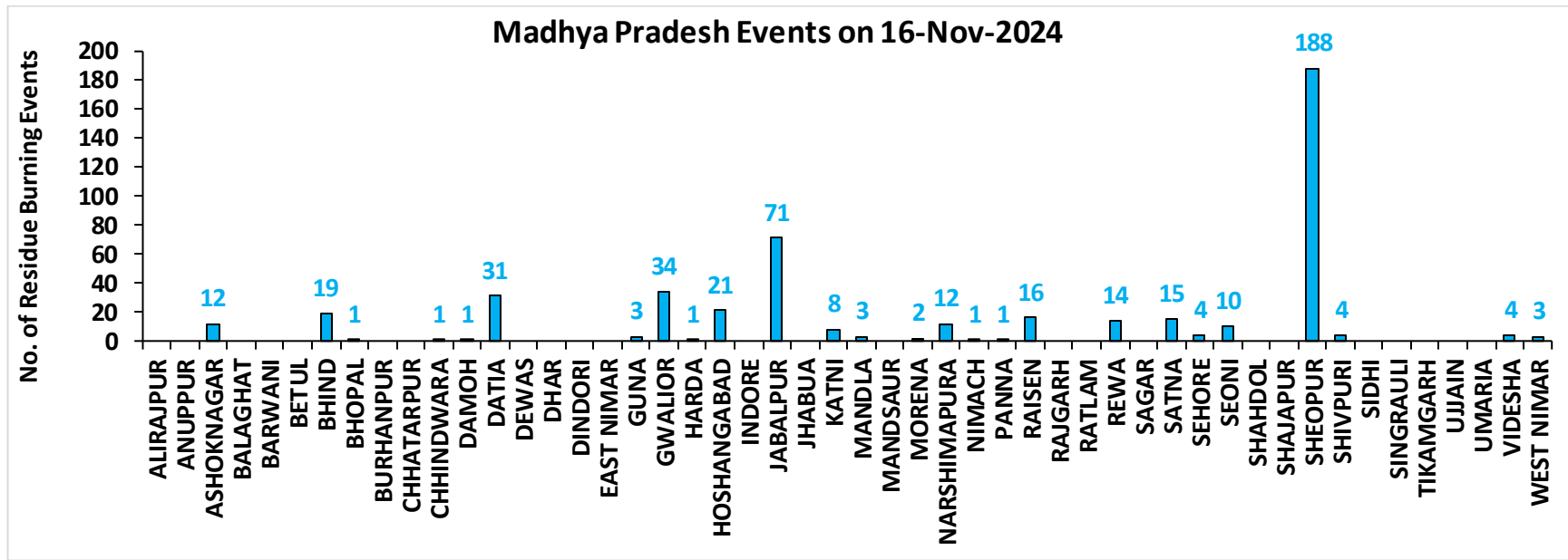
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



[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-16Nov-2024)



**District-wise cumulative number of residues burning events detected in 2020, 2021, 2022, 2023 and 2024**  
**(Period: 15 September-16 November)**

**(a) Punjab**

District	15 Sep-16 Nov				
	2020	2021	2022	2023	2024
Amritsar	3049	2137	1526	1524	652
Barnala	5216	4283	2820	1995	161
Bathinda	5017	4323	4219	2587	471
Faridkot	4603	3856	2443	1667	352
Fatehgarh Sahib	1528	1659	1135	866	201
Fazilka	1811	2033	2075	978	110
Firozpur	8228	6058	4289	2884	985
Gurdaspur	2119	1384	839	376	186
Hoshiarpur	386	326	250	110	22
Jalandhar	1928	2492	1335	1084	94
Kapurthala	1879	1784	1263	941	299
Ludhiana	4960	5682	2487	1634	187
Malerkotla*	--	--	--	379	140
Mansa	3650	2983	2640	2178	509
Moga	7235	6387	3335	1945	402
Muktsar	4395	4195	3153	1276	365
Pathankot	13	5	1	3	2
Patiala	6382	5241	3375	1797	527
Rupnagar	205	305	243	45	10
Sangrur#	11647	9193	5871	5352	1557
SAS NAGAR (Mohali)	127	147	103	132	40
SBS Nagar	131	347	262	224	27
Tarn Taran	5589	4102	3158	1955	701
<b>Total</b>	<b>80098</b>	<b>68922</b>	<b>46822</b>	<b>31932</b>	<b>8000</b>

**(b) Haryana**

District	15 Sep-16 Nov				
	2020	2021	2022	2023	2024
AMBALA	344	296	217	185	87
BHIWANI	3	5	4	3	2
CHARKHI DADRI	0	0	0	0	0
FARIDABAD	1	3	1	4	46
FATEHABAD	700	1276	697	476	106
GURGAON	0	0	0	0	0
HISAR	49	117	79	89	29
JHAJJAR	6	2	2	13	5
JIND	332	747	469	307	136
KAITHAL	821	1131	631	255	186
KARNAL	578	932	296	116	91
KURUKSHETRA	404	535	295	151	130
MAHENDRAGARH	0	0	0	0	0
MEWAT	0	0	0	0	0
PALWAL	46	113	50	57	38
PANCHKULA	0	0	0	1	18
PANIPAT	43	188	63	21	32
REWARI	0	0	0	0	0
ROHTAK	41	29	30	38	14
SIRSA	131	337	200	114	68
SONIPAT	62	138	59	69	57
YAMUNANAGAR	140	144	140	87	35
<b>Total</b>	<b>3701</b>	<b>5993</b>	<b>3233</b>	<b>1986</b>	<b>1080</b>

\*Malerkotla events are included in Sangrur events in 2020, 2021, 2022.

# Sangrur events in 2023 and 2024 do not include Malerkotla events.



(c) Uttar Pradesh

District	15 Sep-16 Nov																
	2020	2021	2022	2023	2024	GAUTAMBUDHNAGAR	11	19	10	11	39	MUZAFARNAGAR	29	13	4	5	20
AGRA	7	0	0	4	11	GAZIPUR	5	5	9	10	12	PILHIBHIT	12	201	134	92	64
ALIGARH	109	38	40	82	173	GHAZIABAD	20	10	5	21	17	PRATAPGARH	28	13	14	17	14
ALLAHABAD	23	9	5	6	18	GONDA	11	6	1	6	8	RAIBARELI	14	29	15	14	45
AMBEDKARNAGAR	14	10	11	20	19	GORAKHPUR	22	17	12	40	33	RAMPUR	145	179	96	90	33
AMETHI	3	11	10	23	3	HAMIRPUR	3	0	0	0	0	SAMBHAL	14	14	12	17	87
AMROHA	7	6	2	3	7	HAPUR	19	7	2	9	15	SANTKABIRNAGAR	23	12	5	22	14
AURAIYA	74	37	21	53	19	HARDOI	90	87	46	78	109	SANTRAVIDASNAGAR	3	1	3	1	1
AZAMGARH	24	1	5	10	12	HATHRAS	0	0	1	2	15	SHAHJAHANPUR	111	389	281	84	111
BADAUN	12	16	0	9	21	JALAUN	36	0	0	0	0	SHAMLI	36	31	7	16	17
BAGHPAT	11	8	6	4	10	JAUNPUR	26	11	9	13	23	SHARANPUR	91	56	14	18	13
BAHRAICH	103	43	18	35	24	JHANSI	231	64	68	131	125	SHRAWASTI	43	30	9	35	24
BALLIA	45	6	15	6	14	KANNAUJ	31	6	2	4	22	SIDDHARTHANAGAR	45	85	22	61	29
BALRAMPUR	60	10	8	19	8	KANPUR	27	30	16	37	36	SITAPUR	49	38	16	23	72
BANDA	18	5	2	14	4	KANPUR DEHAT	69	36	22	101	100	SONBHADRA	0	0	0	0	0
BARABANKI	33	55	52	65	98	KASGANJ	2	2	0	3	1	SULTANPUR	2	10	8	13	9
BAREILLY	63	51	36	46	32	KAUSHAMBI	45	56	22	43	40	UNNAO	40	22	20	42	68
BASTI	50	39	8	37	25	KHERI	115	140	111	38	56	VARANASI	1	2	0	2	0
BIJNOR	28	30	3	9	10	KUSHINAGAR	41	9	5	27	34	Total	2905	2586	1505	2113	2607
BULANDSAHAR	46	5	14	14	40	LALITPUR	3	6	3	6	0						
CHANDAULI	1	0	0	0	0	LUCKNOW	35	32	11	29	33						
CHITRAKOOT	12	8	5	10	8	MAHARAJGANJ	25	54	37	50	169						
DEORIA	55	7	13	30	22	MAHOBA	27	0	0	0	0						
ETAH	17	10	4	20	23	MAINPURI	59	39	26	52	78						
ETAWAH	65	48	19	109	101	MATHURA	159	236	30	95	119						
FAIZABAD	8	4	2	9	17	MAU	15	5	2	9	7						
FARRUKHABAD	4	2	1	1	2	MEERUT	43	17	13	7	18						
FATEHPUR	104	77	67	80	107	MIRZAPUR	7	5	2	0	7						
FIROZABAD	26	17	7	10	20	MORADABAD	20	9	6	11	22						

**(d) Delhi**

District	15 Sep-16 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	3	8	4	8
NORTH EAST	0	0	0	0	0
NORTH WEST DELHI	3	1	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>4</b>	<b>9</b>	<b>4</b>	<b>12</b>

**(e) Rajasthan**

District	15 Sep-16 Nov				
	2020	2021	2022	2023	2024
AJMER	3	0	0	0	0
ALWAR	8	0	0	0	0
BANSWARA	0	0	0	0	0
BARAN	165	11	71	332	350
BARMER	4	0	0	0	0
BHARATPUR	2	3	1	3	8
BHILWARA	8	0	0	0	0
BIKANER	1	0	0	0	0
BUNDI	128	83	180	211	448
CHITTAURGARH	1	12	7	12	12
CHURU	0	0	0	0	0
DAUSA	1	0	0	0	0
DHOLPUR	0	0	0	0	0
DUNGARPUR	0	0	1	2	1
GANGANAGAR	119	91	88	107	159
HANUMANGARH	628	535	531	468	565
JAIPUR	4	0	0	0	0
JAISELMER	4	0	0	0	0
JALOR	2	0	0	0	0
JHALAWAR	8	1	8	11	6
JHUNJHUNUN	1	0	0	0	0
JODHPUR	4	0	0	0	0
KARALI	1	0	0	0	1
KOTA	115	56	136	266	340
NAGPUR	2	0	0	0	0
PALI	7	0	0	0	0
PRATAPGARH	8	0	0	0	0
RAJSMAND	1	0	0	0	0
SIKAR	0	0	0	0	0
SIROHI	2	0	0	0	0
SWAIMADHOPUR	65	34	55	57	105
TONK	5	0	0	0	0
UDAIPUR	1	1	0	8	0
<b>Total</b>	<b>1298</b>	<b>827</b>	<b>1078</b>	<b>1477</b>	<b>1995</b>

**(f) Madhya Pradesh**

District	15 Sep-16 Nov										
	2020	2021	2022	2023	2024	PANNA	49	15	10	32	40
ALIRAJPUR	0	0	0	0	0	RAISEN	544	223	231	312	388
ANUPPUR	0	1	2	1	1	RAJGARH	10	3	3	11	2
ASHOKNAGAR	152	81	174	274	637	RATLAM	2	5	3	5	2
BALAGHAT	5	4	0	1	5	REWA	122	52	27	42	88
BARWANI	3	0	0	3	3	SAGAR	28	28	53	90	91
BETUL	34	14	10	30	15	SATNA	541	232	187	209	300
BHIND	251	127	167	230	332	SEHORE	145	124	166	156	217
BHOPAL	47	29	25	48	64	SEONI	1221	876	984	1309	458
BURHANPUR	11	1	1	9	0	SHAHDOL	3	0	0	2	1
CHHATARPUR	7	0	0	3	3	SHAJAPUR	17	0	0	14	30
CHHINDWARA	120	52	84	153	22	SHEOPUR	1775	879	1739	1859	2157
DAMOH	73	51	54	91	80	SHIVPURI	324	52	109	179	211
DATIA	1172	433	711	852	804	SIDHI	4	2	1	0	1
DEWAS	8	0	0	11	8	SINGRAULI	0	2	3	9	7
DHAR	42	0	0	42	21	TIKAMGARH	4	0	1	5	2
DINDORI	0	0	0	3	0	UJJAIN	10	0	0	15	12
EAST NIMAR	22	7	11	53	32	UMARIA	6	4	5	3	13
GUNA	66	9	109	454	614	VIDESHA	129	81	76	126	161
GWALIOR	1908	375	817	622	514	WEST NIMAR	59	10	11	44	10
HARDA	14	21	10	31	14	<b>Total</b>	<b>12288</b>	<b>5633</b>	<b>7788</b>	<b>9736</b>	<b>10080</b>
HOSHANGABAD	1042	1025	998	1102	1332						
INDORE	4	0	0	12	14						
JABALPUR	1594	502	589	874	878						
JHABUA	0	0	0	0	0						
KATNI	274	62	108	148	145						
MANDLA	132	92	86	50	69						
MANDSAUR	12	0	0	6	20						
MORENA	62	37	25	47	70						
NARSHIMAPURA	238	122	198	163	186						
NIMACH	2	0	0	1	6						

**State-wise and date-wise number of paddy residue burning events detected in 2020 ,2021 ,2022, 2023 and 2024**  
**(Period: 15 September-16 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

<b>13-Oct</b>	266	132	120	154	162	47	91	15	29	90	36	42	0	19	76
<b>14-Oct</b>	605	229	82	89	97	69	98	30	41	49	9	68	5	18	52
<b>15-Oct</b>	449	660	169	69	144	106	363	36	127	42	15	149	0	35	78
<b>16-Oct</b>	654	429	206	0	99	80	176	76	4	14	21	121	6	14	59
<b>17-Oct</b>	1172	14	403	1	77	143	0	86	0	28	38	39	7	0	23
<b>18-Oct</b>	938	57	342	18	59	166	1	134	8	26	76	0	30	2	47
<b>19-Oct</b>	1080	496	436	37	45	72	55	122	16	15	43	5	36	11	30
<b>20-Oct</b>	890	788	96	174	52	62	155	78	51	11	31	1	17	25	11
<b>21-Oct</b>	1392	597	393	146	65	101	131	107	68	2	25	5	23	59	25
<b>22-Oct</b>	1665	1111	582	30	71	128	140	122	25	10	32	3	18	117	17
<b>23-Oct</b>	1438	620	902	152	57	106	218	217	29	15	84	8	109	20	68
<b>24-Oct</b>	911	0	1019	360	40	57	38	250	70	6	63	11	212	38	18
<b>25-Oct</b>	1416	76	181	398	71	155	71	12	58	3	50	18	9	30	23
<b>26-Oct</b>	2126	329	1238	589	108	77	175	123	67	11	33	41	23	78	16
<b>27-Oct</b>	2563	279	1111	766	138	96	93	83	67	13	40	58	23	97	27
<b>28-Oct</b>	3232	906	2067	127	142	139	149	123	14	13	87	35	34	36	28
<b>29-Oct</b>	1624	1353	1898	1068	219	52	161	112	75	13	139	32	73	48	72
<b>30-Oct</b>	3946	1373	1761	1030	110	100	148	112	52	3	50	53	43	19	47
<b>31-Oct</b>	3531	2895	2131	1389	484	108	353	70	51	42	49	170	20	28	79
<b>01-Nov</b>	3835	1796	1842	1921	587	151	124	88	99	35	74	157	9	95	67
<b>02-Nov</b>	4098	3001	3634	1668	379	111	203	166	48	19	82	87	25	37	87
<b>03-Nov</b>	2818	2512	2666	1551	216	93	197	128	28	19	197	66	40	36	16
<b>04-Nov</b>	4584	3032	2437	1360	262	72	228	63	33	13	152	123	61	17	84
<b>05-Nov</b>	4529	5327	2817	3230	361	66	331	90	109	9	52	70	24	64	122
<b>06-Nov</b>	5382	3942	599	2060	286	151	219	46	65	9	43	208	28	87	50
<b>07-Nov</b>	5491	5199	2487	1515	258	150	182	37	26	18	86	46	8	169	60
<b>08-Nov</b>	3674	4397	604	2003	730	115	138	11	44	29	169	21	44	47	55
<b>09-Nov</b>	1718	5079	1778	639	237	21	217	69	27	24	115	51	58	17	139
<b>10-Nov</b>	3127	4008	1893	6	345	80	184	35	0	22	101	77	33	30	128
<b>11-Nov</b>	2822	4156	3916	104	418	93	126	152	27	27	71	151	36	35	25
<b>12-Nov</b>	1989	3403	2467	987	83	83	127	99	110	12	108	120	36	238	83
<b>13-Nov</b>	2441	3742	2175	1624	509	105	210	132	44	4	172	95	102	176	139
<b>14-Nov</b>	307	2541	4	1776	5	35	195	17	21	11	258	49	101	26	202
<b>15-Nov</b>	32	1761	141	2544	238	31	129	21	62	20	29	67	84	49	186
<b>16-Nov</b>	8	1757	1358	1271	136	0	269	84	46	25	15	138	48	56	46
<b>Total</b>	<b>80098</b>	<b>68922</b>	<b>46822</b>	<b>31932</b>	<b>8000</b>	<b>3701</b>	<b>5993</b>	<b>3233</b>	<b>1986</b>	<b>1080</b>	<b>2905</b>	<b>2586</b>	<b>1505</b>	<b>2113</b>	<b>2607</b>

## Number of Paddy Residue Burning Events Detected

Number of Paddy Residue Burning Events Detected															
Delhi						Rajasthan					Madhya Pradesh				
Date	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
15-Sep	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0
16-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
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
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
02-Nov	0	0	0	0	0	55	19	63	40	80	820	214	284	401	296
03-Nov	1	0	1	0	0	34	20	54	38	36	771	148	323	552	67
04-Nov	0	0	2	0	0	46	19	34	21	98	618	123	348	408	506
05-Nov	0	0	0	0	0	46	45	91	59	90	474	320	319	698	502
06-Nov	0	0	0	0	0	40	32	27	47	72	678	248	392	655	320
07-Nov	0	0	0	1	0	57	38	80	23	68	848	199	383	497	320
08-Nov	0	0	0	1	0	33	44	5	29	119	981	170	783	417	474
09-Nov	0	1	0	0	0	34	48	22	3	57	495	330	570	251	544
10-Nov	0	0	0	0	0	48	40	34	27	79	346	380	282	508	783
11-Nov	0	1	0	0	0	75	55	95	29	85	418	506	482	488	595
12-Nov	0	0	0	0	0	31	40	84	33	42	422	185	421	300	694
13-Nov	0	2	0	0	0	54	78	63	60	96	670	171	773	144	1124
14-Nov	0	0	0	0	0	16	88	1	53	28	294	346	633	164	686
15-Nov	0	0	0	0	0	6	51	2	84	37	35	353	507	326	683
16-Nov	0	0	0	0	0	16	81	78	27	52	145	660	316	423	480
<b>Total</b>	<b>9</b>	<b>4</b>	<b>9</b>	<b>4</b>	<b>12</b>	<b>1298</b>	<b>827</b>	<b>1078</b>	<b>1477</b>	<b>1995</b>	<b>12288</b>	<b>5633</b>	<b>7788</b>	<b>9736</b>	<b>10080</b>



### Details of residue burning events in Punjab on 16-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARNALA	BARNALA	S-NPP	30.20411	75.42524	14:12:17	D	2.40
2	BARNALA	BARNALA	S-NPP	30.24234	75.57182	14:12:17	D	5.50
3	BARNALA	BARNALA	S-NPP	30.26186	75.53228	14:12:17	D	5.20
4	BARNALA	BARNALA	S-NPP	30.28742	75.65262	14:12:17	D	2.50
5	BARNALA	BARNALA	S-NPP	30.29421	75.51689	14:12:17	D	2.90
6	BARNALA	BARNALA	S-NPP	30.34123	75.64735	14:12:17	D	4.10
7	BARNALA	BARNALA	S-NPP	30.39075	75.57122	14:12:17	D	3.10
8	BARNALA	BARNALA	S-NPP	30.39469	75.63045	14:12:17	D	3.20
9	BARNALA	BARNALA	S-NPP	30.42493	75.66200	14:12:17	D	1.90
10	BARNALA	BARNALA	S-NPP	30.44380	75.60903	14:12:17	D	3.60
11	BARNALA	BARNALA	S-NPP	30.50179	75.63394	14:12:17	D	1.50
12	BARNALA	BARNALA	S-NPP	30.50519	75.63329	14:12:17	D	1.90
13	BARNALA	BARNALA	AQUA	30.25600	75.52700	14:57:37	D	15.60
14	BARNALA	BARNALA	AQUA	30.31000	75.54500	14:57:37	D	13.50
15	BARNALA	MAHAL KALAN	S-NPP	30.47021	75.58546	14:12:17	D	3.30
16	BARNALA	MAHAL KALAN	S-NPP	30.47036	75.50936	14:12:17	D	4.30
17	BARNALA	SEHNA	AQUA	30.40900	75.35100	14:57:37	D	14.60
18	BATHINDA	MAUR	S-NPP	30.05369	75.26658	14:12:17	D	5.70
19	BATHINDA	MAUR	S-NPP	30.05437	75.26582	14:12:17	D	5.80
20	BATHINDA	RAMPURA	S-NPP	30.14731	75.33405	14:12:17	D	2.80
21	BATHINDA	RAMPURA	S-NPP	30.15826	75.33307	14:12:17	D	5.60
22	BATHINDA	RAMPURA	S-NPP	30.15912	75.33518	14:12:17	D	4.60
23	BATHINDA	RAMPURA	S-NPP	30.28432	75.31078	14:12:17	D	2.80
24	FARIDKOT	FARIDKOT	AQUA	30.73700	74.80300	14:57:37	D	11.10
25	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.71228	76.50552	14:12:17	D	3.00
26	FAZILKA	JALALABAD	S-NPP	30.47796	74.17609	14:12:17	D	2.10
27	FIROZPUR	FIROZPUR	S-NPP	30.83654	74.57881	14:12:17	D	1.70
28	FIROZPUR	FIROZPUR	S-NPP	30.86045	74.54285	14:12:17	D	2.90
29	FIROZPUR	FIROZPUR	S-NPP	30.87983	74.58955	14:12:17	D	2.90
30	FIROZPUR	FIROZPUR	S-NPP	30.99494	74.64615	14:12:17	D	2.60

31	FIROZPUR	FIROZPUR	S-NPP	31.01756	74.66301	14:12:17	D	2.20
32	FIROZPUR	FIROZPUR	AQUA	30.83600	74.60800	14:57:37	D	10.10
33	FIROZPUR	FIROZPUR	AQUA	30.89200	74.53700	14:57:37	D	20.10
34	FIROZPUR	FIROZPUR	AQUA	30.89600	74.55200	14:57:37	D	17.20
35	FIROZPUR	GHALL KHURD	S-NPP	30.83364	74.80440	14:12:17	D	4.50
36	FIROZPUR	GHALL KHURD	S-NPP	30.86636	74.69676	14:12:17	D	2.20
37	FIROZPUR	GURUHAR SAHAI	S-NPP	30.70498	74.43824	14:12:17	D	2.00
38	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73513	74.42074	14:12:17	D	4.10
39	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73542	74.42435	14:12:17	D	5.70
40	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73565	74.41994	14:12:17	D	3.70
41	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73592	74.42355	14:12:17	D	5.90
42	FIROZPUR	GURUHAR SAHAI	S-NPP	30.74611	74.34989	14:12:17	D	4.10
43	FIROZPUR	GURUHAR SAHAI	S-NPP	30.74639	74.35348	14:12:17	D	4.10
44	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76833	74.43496	14:12:17	D	5.70
45	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76916	74.44585	14:12:17	D	2.10
46	FIROZPUR	GURUHAR SAHAI	S-NPP	30.77300	74.42719	14:12:17	D	2.30
47	FIROZPUR	GURUHAR SAHAI	AQUA	30.64200	74.47400	14:57:37	D	12.20
48	FIROZPUR	GURUHAR SAHAI	AQUA	30.76500	74.43200	14:57:37	D	11.00
49	FIROZPUR	GURUHAR SAHAI	AQUA	30.76700	74.45300	14:57:37	D	15.40
50	FIROZPUR	GURUHAR SAHAI	AQUA	30.76900	74.47400	14:57:37	D	9.80
51	FIROZPUR	GURUHAR SAHAI	AQUA	30.77100	74.30000	14:57:37	D	11.70
52	FIROZPUR	MAKHU	S-NPP	31.08432	74.83424	14:12:17	D	4.10
53	FIROZPUR	MAKHU	S-NPP	31.08671	74.83508	14:12:17	D	4.60
54	FIROZPUR	MAKHU	S-NPP	31.14875	75.01965	14:12:17	D	3.00
55	FIROZPUR	MAMDOT	AQUA	30.89400	74.53100	14:57:37	D	11.70
56	FIROZPUR	ZIRA	AQUA	30.94800	74.99200	14:57:37	D	12.50
57	LUDHIANA	JAGRAON	S-NPP	30.73937	75.41151	14:12:17	D	2.90
58	LUDHIANA	JAGRAON	S-NPP	30.73966	75.41569	14:12:17	D	4.00
59	LUDHIANA	RAIKOT	S-NPP	30.61668	75.55785	14:12:17	D	4.70
60	LUDHIANA	RAIKOT	S-NPP	30.63667	75.52214	14:12:17	D	1.90
61	LUDHIANA	SUDHAR	S-NPP	30.71051	75.61396	14:12:17	D	2.30
62	MALERKOTLA	AMARGARH	S-NPP	30.41694	76.00017	14:12:17	D	3.10
63	MALERKOTLA	MALERKOTLA	S-NPP	30.47702	75.84458	14:12:17	D	2.20
64	MALERKOTLA	MALERKOTLA	S-NPP	30.48592	75.80868	14:12:17	D	3.60

65	MALERKOTLA	MALERKOTLA	AQUA	30.52400	75.75900	14:57:37	D	15.50
66	MALERKOTLA	MALERKOTLA	AQUA	30.52600	75.94100	14:57:37	D	23.10
67	MANSA	BUDHLADA	S-NPP	29.93679	75.63419	14:12:17	D	19.10
68	MANSA	JHUNIR	S-NPP	29.88503	75.37875	14:12:17	D	3.60
69	MANSA	SARDULGARH	AQUA	29.67000	75.32900	14:57:37	D	12.50
70	MOGA	BAGHA PURANA	S-NPP	30.67661	74.98679	14:12:17	D	2.70
71	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.88269	75.09534	14:12:17	D	2.60
72	MOGA	MOGA 2	S-NPP	30.82484	74.97702	14:12:17	D	1.70
73	MOGA	MOGA 2	S-NPP	30.83715	75.07129	14:12:17	D	2.90
74	MUKTSAR	MUKTSAR	S-NPP	30.57313	74.57018	14:12:17	D	1.50
75	PATIALA	PATIALA	S-NPP	30.37712	76.26902	14:12:17	D	3.70
76	PATIALA	PATRAN	S-NPP	29.84598	76.07552	14:12:17	D	3.70
77	PATIALA	PATRAN	S-NPP	29.91092	76.02117	14:12:17	D	2.20
78	PATIALA	PATRAN	S-NPP	29.97845	76.14526	14:12:17	D	4.70
79	PATIALA	PATRAN	S-NPP	29.98418	76.14479	14:12:17	D	13.40
80	PATIALA	PATRAN	S-NPP	30.00013	76.12540	14:12:17	D	4.70
81	PATIALA	PATRAN	S-NPP	30.00136	76.12172	14:12:17	D	4.50
82	PATIALA	SAMANA	S-NPP	30.12680	76.18400	14:12:17	D	3.00
83	PATIALA	SAMANA	S-NPP	30.12722	76.18418	14:12:17	D	3.70
84	PATIALA	SAMANA	AQUA	30.20800	76.20800	14:57:37	D	20.70
85	PATIALA	SAMANA	AQUA	30.21500	76.21500	14:57:37	D	16.90
86	PATIALA	SANAUR	S-NPP	30.11131	76.29574	14:12:17	D	3.10
87	SANGRUR	ANDANA	S-NPP	29.78031	76.06651	14:12:17	D	6.20
88	SANGRUR	ANDANA	S-NPP	29.78237	76.06755	14:12:17	D	8.10
89	SANGRUR	ANDANA	S-NPP	29.83337	76.05876	14:12:17	D	3.70
90	SANGRUR	ANDANA	S-NPP	29.84956	76.04407	14:12:17	D	8.10
91	SANGRUR	ANDANA	AQUA	29.81900	75.99100	14:57:37	D	30.60
92	SANGRUR	ANDANA	AQUA	29.85500	75.93600	14:57:37	D	25.70
93	SANGRUR	BHAWANIGARH	S-NPP	30.27265	76.09348	14:12:17	D	3.10
94	SANGRUR	BHAWANIGARH	S-NPP	30.28761	75.97532	14:12:17	D	5.00
95	SANGRUR	BHAWANIGARH	S-NPP	30.29238	75.96155	14:12:17	D	5.50
96	SANGRUR	BHAWANIGARH	S-NPP	30.29484	75.99707	14:12:17	D	4.10
97	SANGRUR	BHAWANIGARH	S-NPP	30.31072	76.04501	14:12:17	D	2.30
98	SANGRUR	DHURI	S-NPP	30.33904	75.86431	14:12:17	D	4.00

99	SANGRUR	DHURI	S-NPP	30.41844	75.99652	14:12:17	D	2.90
100	SANGRUR	LEHRA GAGA	S-NPP	29.85557	75.88533	14:12:17	D	3.60
101	SANGRUR	LEHRA GAGA	S-NPP	29.88535	75.78310	14:12:17	D	6.50
102	SANGRUR	LEHRA GAGA	S-NPP	29.88779	75.78329	14:12:17	D	9.20
103	SANGRUR	LEHRA GAGA	S-NPP	29.91014	75.81535	14:12:17	D	3.10
104	SANGRUR	LEHRA GAGA	S-NPP	29.95890	75.78530	14:12:17	D	3.20
105	SANGRUR	LEHRA GAGA	S-NPP	29.97486	75.71597	14:12:17	D	3.50
106	SANGRUR	LEHRA GAGA	S-NPP	29.97515	75.72020	14:12:17	D	3.50
107	SANGRUR	LEHRA GAGA	S-NPP	29.97669	75.71962	14:12:17	D	5.40
108	SANGRUR	LEHRA GAGA	AQUA	29.91900	75.92100	14:57:37	D	18.40
109	SANGRUR	LEHRA GAGA	AQUA	29.96200	75.86000	14:57:37	D	17.50
110	SANGRUR	SANGRUR	S-NPP	30.16576	75.66059	14:12:17	D	3.70
111	SANGRUR	SANGRUR	S-NPP	30.17764	75.69215	14:12:17	D	2.30
112	SANGRUR	SANGRUR	S-NPP	30.18106	75.87514	14:12:17	D	7.70
113	SANGRUR	SANGRUR	S-NPP	30.18789	75.59353	14:12:17	D	6.00
114	SANGRUR	SANGRUR	S-NPP	30.18870	75.59092	14:12:17	D	4.20
115	SANGRUR	SANGRUR	S-NPP	30.18901	75.59511	14:12:17	D	9.00
116	SANGRUR	SANGRUR	S-NPP	30.20458	75.59202	14:12:17	D	2.30
117	SANGRUR	SANGRUR	S-NPP	30.21979	75.65000	14:12:17	D	3.30
118	SANGRUR	SANGRUR	S-NPP	30.23372	75.93985	14:12:17	D	9.20
119	SANGRUR	SANGRUR	S-NPP	30.30082	75.88960	14:12:17	D	3.50
120	SANGRUR	SANGRUR	S-NPP	30.30446	75.88963	14:12:17	D	3.40
121	SANGRUR	SANGRUR	S-NPP	30.34080	75.89059	14:12:17	D	3.00
122	SANGRUR	SANGRUR	AQUA	30.21700	75.81100	14:57:37	D	19.90
123	SANGRUR	SANGRUR	AQUA	30.24400	75.96400	14:57:37	D	17.00
124	SANGRUR	SANGRUR	AQUA	30.26600	75.75500	14:57:37	D	19.90
125	SANGRUR	SANGRUR	AQUA	30.27100	75.80500	14:57:37	D	16.60
126	SANGRUR	SHER PUR	S-NPP	30.30855	75.66302	14:12:17	D	4.70
127	SANGRUR	SHER PUR	S-NPP	30.38341	75.68654	14:12:17	D	3.90
128	SANGRUR	SHER PUR	S-NPP	30.38714	75.68684	14:12:17	D	5.30
129	SANGRUR	SHER PUR	S-NPP	30.43478	75.80859	14:12:17	D	4.10
130	SANGRUR	SHER PUR	S-NPP	30.46593	75.68428	14:12:17	D	3.60
131	SANGRUR	SHER PUR	AQUA	30.46800	75.74000	14:57:37	D	18.20
132	SANGRUR	SUNAM	S-NPP	30.02048	75.80638	14:12:17	D	2.60

133	SANGRUR	SUNAM	S-NPP	30.02727	75.74123	14:12:17	D	1.60
134	SANGRUR	SUNAM	S-NPP	30.02873	75.92774	14:12:17	D	5.30
135	SANGRUR	SUNAM	AQUA	29.99700	75.67200	14:57:37	D	27.40
136	SANGRUR	SUNAM	AQUA	30.00000	75.68000	14:57:37	D	24.50

**Details of residue burning events in Haryana on 16-Nov-2024**

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	FATEHABAD	RATIA	AQUA	29.69500	75.48500	14:57:37	D	15.80
2	FATEHABAD	TOHANA	AQUA	29.62800	75.87200	14:57:37	D	20.00
3	HISAR	BARWALA	S-NPP	29.39608	76.05247	14:12:17	D	4.40
4	JIND	ALEWA	S-NPP	29.50454	76.37137	14:12:17	D	4.70
5	JIND	ALEWA	S-NPP	29.50471	76.37115	14:12:17	D	5.10
6	JIND	JIND	S-NPP	29.36442	76.36779	14:12:17	D	4.50
7	JIND	JULANA	S-NPP	29.11248	76.34438	14:12:17	D	4.30
8	JIND	JULANA	S-NPP	29.13111	76.44771	14:12:17	D	3.70
9	JIND	NARWANA	S-NPP	29.59677	76.17373	14:12:17	D	5.50
10	JIND	NARWANA	S-NPP	29.65936	75.99977	14:12:17	D	7.10
11	JIND	NARWANA	S-NPP	29.79181	76.12481	14:12:17	D	8.20
12	JIND	NARWANA	AQUA	29.72400	76.08500	14:57:37	D	22.10
13	JIND	NARWANA	AQUA	29.73800	76.00000	14:57:37	D	22.60
14	JIND	SAFIDON	S-NPP	29.46083	76.67515	14:12:17	D	5.60
15	KAITHAL	GUHLA	S-NPP	30.11103	76.29620	14:12:17	D	3.70
16	KAITHAL	GUHLA	S-NPP	30.11131	76.29574	14:12:17	D	3.10
17	KARNAL	ASSANDH	S-NPP	29.62803	76.66410	14:12:17	D	4.20
18	SIRSA	SIRSA	S-NPP	29.46972	74.92738	01:21:17	N	0.70
19	SIRSA	SIRSA	S-NPP	29.48170	74.93308	03:01:34	N	0.30
20	SIRSA	SIRSA	S-NPP	29.48683	74.93216	03:01:34	N	1.10
21	SIRSA	SIRSA	S-NPP	29.48705	74.93480	03:01:34	N	0.50
22	SIRSA	SIRSA	S-NPP	29.48883	74.97160	03:01:34	N	0.40

23	SIRSA	SIRSA	S-NPP	29.51616	74.95708	03:01:34	N	0.50
24	SONIPAT	KATHURA	S-NPP	29.20785	76.54934	14:12:17	D	4.30
25	SONIPAT	KATHURA	S-NPP	29.20820	76.54800	14:12:17	D	5.50

### Details of residue burning events in Uttar Pradesh on 16-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ALIGARH	KHAIR	S-NPP	27.91769	77.75264	03:01:34	N	0.50
2	ALLAHABAD	BARA	S-NPP	25.25601	81.65879	01:21:17	N	0.50
3	ALLAHABAD	MEZA	S-NPP	25.21672	82.14468	01:21:17	N	0.40
4	ALLAHABAD	MEZA	S-NPP	25.22795	82.14580	12:31:59	D	1.10
5	ALLAHABAD	PHULPUR	S-NPP	25.53397	82.11948	12:31:59	D	7.00
6	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.37850	82.59756	12:31:59	D	6.30
7	BALLIA	SIKANDARPUR	S-NPP	26.02342	84.08885	12:31:59	D	2.20
8	BARABANKI	RAMSANEHIGHAT	S-NPP	26.85734	81.57707	12:31:59	D	1.90
9	BIJNOR	AFZALGARH	S-NPP	29.41862	78.67278	14:12:17	D	4.20
10	BIJNOR	AFZALGARH	S-NPP	29.42069	78.67267	14:12:17	D	4.40
11	ETAWAH	ETAWAH	S-NPP	26.93840	79.19076	12:31:59	D	2.40
12	FAIZABAD	FAIZSBAD	S-NPP	26.63116	82.34389	12:31:59	D	6.20
13	FAIZABAD	FAIZSBAD	S-NPP	26.63187	82.34008	12:31:59	D	4.50
14	FAIZABAD	MILKIPUR	S-NPP	26.57045	81.86010	12:31:59	D	5.30
15	GORAKHPUR	GORAKHPUR	S-NPP	26.91359	83.39250	12:31:59	D	3.70
16	HARDOI	BILGRAM	S-NPP	27.08173	80.05940	12:31:59	D	2.80
17	HARDOI	BILGRAM	S-NPP	27.08266	80.05880	12:31:59	D	2.80
18	HARDOI	HARDOI	S-NPP	27.22699	80.10763	14:12:17	D	7.70
19	HARDOI	HARDOI	S-NPP	27.22906	80.10571	14:12:17	D	7.00
20	HARDOI	HARDOI	S-NPP	27.47144	80.23898	12:31:59	D	3.20
21	JAUNPUR	SHHGANJ	S-NPP	26.12268	82.53942	12:31:59	D	6.40
22	JHANSI	JHANSI	AQUA	25.48400	78.65300	14:57:37	D	28.60
23	JHANSI	MOTH	S-NPP	25.65825	78.86080	14:12:17	D	3.00
24	JHANSI	MOTH	S-NPP	25.79348	78.83073	14:12:17	D	2.50
25	JHANSI	MOTH	S-NPP	25.88984	78.92049	14:12:17	D	4.00
26	JHANSI	TAHRAULI	S-NPP	25.59485	78.88303	14:12:17	D	2.40

27	KANPUR DEHAT	AKBARPUR	S-NPP	26.49628	80.04279	12:31:59	D	3.40
28	KANPUR DEHAT	AKBARPUR	S-NPP	26.49797	80.02523	12:31:59	D	2.20
29	KANPUR DEHAT	RASULABAD	S-NPP	26.66942	79.97140	12:31:59	D	2.70
30	KHERI	DHAURAHRA	S-NPP	27.83005	81.21774	12:31:59	D	4.20
31	KHERI	LAKHIMPUR	S-NPP	27.89754	80.89357	12:31:59	D	3.10
32	KHERI	PALIA KALAN	S-NPP	28.32462	80.55228	12:31:59	D	2.50
33	MAHARAJGANJ	NICHLAUL	S-NPP	27.36928	83.79160	12:31:59	D	4.60
34	MAHARAJGANJ	NICHLAUL	S-NPP	27.36998	83.79275	12:31:59	D	5.80
35	MAU	MAU	S-NPP	25.91019	83.47771	12:31:59	D	4.10
36	MEERUT	SARDHANA	S-NPP	29.11961	77.47425	12:31:59	D	4.00
37	RAIBEARELI	RAEBARELI	S-NPP	26.33518	81.10210	12:31:59	D	2.90
38	RAIBEARELI	RAEBARELI	S-NPP	26.33571	81.10351	12:31:59	D	2.60
39	RAIBEARELI	RAEBARELI	S-NPP	26.34466	81.09579	12:31:59	D	1.80
40	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.92494	82.90059	12:31:59	D	6.40
41	SHAHJAHANPUR	PUWANYA	S-NPP	28.10273	80.14747	12:31:59	D	2.10
42	SHAMLI	KAIRANA	S-NPP	29.36396	77.19908	14:12:17	D	2.40
43	SHRAWASTI	BHINGA	S-NPP	27.68381	82.05846	12:31:59	D	2.70
44	SITAPUR	BISWAN	S-NPP	27.45707	81.02589	12:31:59	D	2.90
45	UNNAO	BIGHAPUR	S-NPP	26.31870	80.83978	12:31:59	D	2.40
46	UNNAO	HASANGANJ	S-NPP	26.90598	80.63316	12:31:59	D	4.60



### Details of residue burning events in Rajasthan on 16-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARAN	SHAHBAD	S-NPP	25.09415	77.04682	01:21:17	N	0.50
2	BUNDI	BUNDI	S-NPP	25.25376	75.74445	14:12:17	D	2.90
3	BUNDI	BUNDI	S-NPP	25.25409	75.74808	14:12:17	D	4.70
4	BUNDI	BUNDI	S-NPP	25.25710	75.74626	14:12:17	D	6.70
5	GANGANAGAR	ANAPGARH	S-NPP	29.24676	73.09385	14:12:17	D	5.40
6	GANGANAGAR	ANAPGARH	S-NPP	29.24774	73.09676	14:12:17	D	8.30
7	GANGANAGAR	SURATGARH	S-NPP	29.34070	73.82590	14:12:17	D	12.10
8	GANGANAGAR	SURATGARH	AQUA	29.33700	73.80200	14:57:37	D	8.00
9	GANGANAGAR	VIJAY NAGAR	S-NPP	29.22998	73.54025	14:12:17	D	9.20
10	GANGANAGAR	VIJAY NAGAR	S-NPP	29.24511	73.54470	14:12:17	D	4.00
11	GANGANAGAR	VIJAY NAGAR	S-NPP	29.36597	73.71531	14:12:17	D	16.50
12	GANGANAGAR	VIJAY NAGAR	AQUA	29.33500	73.67800	14:57:37	D	8.40
13	HANUMANGARH	HANUMANGARH	S-NPP	29.51239	74.18247	14:12:17	D	2.10
14	HANUMANGARH	HANUMANGARH	S-NPP	29.51268	74.18581	14:12:17	D	3.20
15	HANUMANGARH	HANUMANGARH	S-NPP	29.58150	74.36710	14:12:17	D	5.70
16	HANUMANGARH	HANUMANGARH	S-NPP	29.58773	74.38042	14:12:17	D	2.80
17	HANUMANGARH	HANUMANGARH	AQUA	29.59000	74.37700	14:57:37	D	10.40
18	HANUMANGARH	PILIBANGA	S-NPP	29.38710	74.01540	14:12:17	D	9.60
19	HANUMANGARH	PILIBANGA	S-NPP	29.39650	73.94892	14:12:17	D	28.10
20	HANUMANGARH	PILIBANGA	S-NPP	29.40705	73.95430	14:12:17	D	6.50
21	HANUMANGARH	PILIBANGA	S-NPP	29.40759	73.95939	14:12:17	D	4.30
22	HANUMANGARH	PILIBANGA	S-NPP	29.47299	74.07766	14:12:17	D	11.00
23	HANUMANGARH	PILIBANGA	S-NPP	29.49201	74.12239	14:12:17	D	9.40
24	HANUMANGARH	PILIBANGA	S-NPP	29.49706	74.12186	14:12:17	D	9.40
25	HANUMANGARH	PILIBANGA	AQUA	29.43800	74.02000	14:57:37	D	18.30
26	HANUMANGARH	PILIBANGA	AQUA	29.44000	74.03800	14:57:37	D	19.10
27	HANUMANGARH	PILIBANGA	AQUA	29.47700	74.08300	14:57:37	D	31.80
28	HANUMANGARH	PILIBANGA	AQUA	29.48100	74.08900	14:57:37	D	22.60
29	HANUMANGARH	RAWATSAR	S-NPP	29.28366	74.28046	14:12:17	D	2.00

30	HANUMANGARH	SANGHRIYA	S-NPP	29.62769	74.42529	14:12:17	D	7.40
31	HANUMANGARH	TIBI	S-NPP	29.48320	74.58865	14:12:17	D	1.10
32	HANUMANGARH	TIBI	S-NPP	29.49520	74.41083	14:12:17	D	3.60
33	HANUMANGARH	TIBI	S-NPP	29.49547	74.41428	14:12:17	D	5.50
34	HANUMANGARH	TIBI	S-NPP	29.52102	74.60278	14:12:17	D	3.10
35	HANUMANGARH	TIBI	S-NPP	29.52309	74.56318	14:12:17	D	4.90
36	HANUMANGARH	TIBI	S-NPP	29.53000	74.58397	14:12:17	D	7.40
37	HANUMANGARH	TIBI	S-NPP	29.53520	74.58345	14:12:17	D	7.40
38	HANUMANGARH	TIBI	S-NPP	29.54532	74.57888	14:12:17	D	6.80
39	HANUMANGARH	TIBI	S-NPP	29.54554	74.45473	14:12:17	D	3.60
40	HANUMANGARH	TIBI	S-NPP	29.54560	74.58242	14:12:17	D	6.80
41	HANUMANGARH	TIBI	S-NPP	29.54583	74.45822	14:12:17	D	5.70
42	HANUMANGARH	TIBI	S-NPP	29.54848	74.55352	14:12:17	D	4.00
43	HANUMANGARH	TIBI	S-NPP	29.55367	74.55302	14:12:17	D	4.00
44	HANUMANGARH	TIBI	S-NPP	29.56190	74.46365	14:12:17	D	5.10
45	HANUMANGARH	TIBI	S-NPP	29.56310	74.46354	14:12:17	D	5.30
46	HANUMANGARH	TIBI	S-NPP	29.57164	74.45565	14:12:17	D	1.80
47	HANUMANGARH	TIBI	S-NPP	29.57289	74.45549	14:12:17	D	2.10
48	HANUMANGARH	TIBI	S-NPP	29.60275	74.43836	14:12:17	D	3.40
49	HANUMANGARH	TIBI	S-NPP	29.60303	74.44185	14:12:17	D	3.40
50	HANUMANGARH	TIBI	S-NPP	29.63656	74.47018	14:12:17	D	2.80
51	HANUMANGARH	TIBI	AQUA	29.53700	74.58500	14:57:37	D	14.60
52	KOTA	PIPALDA	S-NPP	25.57960	76.48893	14:12:17	D	3.80

### Details of residue burning events in Madhya Pradesh on 16-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	AQUA	24.49500	77.73100	14:57:37	D	24.90
2	ASHOKNAGAR	ASHOKNAGAR	AQUA	24.49700	77.72600	14:57:37	D	25.00
3	ASHOKNAGAR	CHANDERI	S-NPP	24.62144	77.89391	12:31:59	D	7.10
4	ASHOKNAGAR	CHANDERI	S-NPP	24.64252	77.86909	12:31:59	D	4.10
5	ASHOKNAGAR	MUNGAOLI	S-NPP	24.27991	78.08522	14:12:17	D	2.80
6	ASHOKNAGAR	MUNGAOLI	S-NPP	24.31223	77.99213	12:31:59	D	4.40
7	ASHOKNAGAR	MUNGAOLI	S-NPP	24.31232	77.99568	12:31:59	D	5.30
8	ASHOKNAGAR	MUNGAOLI	S-NPP	24.31319	77.94492	12:31:59	D	3.20
9	ASHOKNAGAR	MUNGAOLI	S-NPP	24.34794	78.01458	14:12:17	D	6.00
10	ASHOKNAGAR	MUNGAOLI	S-NPP	24.34833	78.01950	14:12:17	D	6.80
11	ASHOKNAGAR	MUNGAOLI	S-NPP	24.45589	77.90134	14:12:17	D	4.50
12	ASHOKNAGAR	MUNGAOLI	S-NPP	24.45765	77.89799	14:12:17	D	5.20
13	BHIND	GOHAD	S-NPP	26.36291	78.48431	14:12:17	D	2.90
14	BHIND	GOHAD	S-NPP	26.45470	78.29131	14:12:17	D	3.30
15	BHIND	GOHAD	S-NPP	26.46284	78.31828	14:12:17	D	5.70
16	BHIND	GOHAD	S-NPP	26.47673	78.41159	12:31:59	D	2.50
17	BHIND	GOHAD	S-NPP	26.49251	78.24384	12:31:59	D	3.30
18	BHIND	GOHAD	S-NPP	26.49833	78.42117	12:31:59	D	6.20
19	BHIND	GOHAD	S-NPP	26.50636	78.36144	14:12:17	D	2.20
20	BHIND	GOHAD	S-NPP	26.51550	78.40546	14:12:17	D	9.20
21	BHIND	GOHAD	S-NPP	26.51983	78.40873	14:12:17	D	8.70
22	BHIND	GOHAD	S-NPP	26.52154	78.36034	12:31:59	D	3.70
23	BHIND	LAHAR	S-NPP	25.94108	78.88591	12:31:59	D	7.00
24	BHIND	LAHAR	S-NPP	25.94292	78.88176	12:31:59	D	7.20
25	BHIND	LAHAR	S-NPP	25.96611	78.79156	14:12:17	D	6.40
26	BHIND	LAHAR	S-NPP	25.97255	78.79110	14:12:17	D	6.40
27	BHIND	LAHAR	S-NPP	25.97333	78.80273	14:12:17	D	7.70
28	BHIND	LAHAR	S-NPP	25.97922	78.79861	12:31:59	D	6.30
29	BHIND	LAHAR	S-NPP	26.14395	78.93477	12:31:59	D	6.20

30	BHIND	LAHAR	S-NPP	26.14655	78.93506	12:31:59	D	5.30
31	BHIND	LAHAR	S-NPP	26.15027	78.91996	14:12:17	D	4.70
32	BHOPAL	HUZUR	S-NPP	23.10558	77.45398	14:12:17	D	2.10
33	CHHINDWARA	JAMAI	S-NPP	22.07559	78.49384	01:21:17	N	0.20
34	DAMOH	JABERA	S-NPP	23.54536	79.81754	14:12:17	D	2.80
35	DATIA	BHANDER	S-NPP	25.85752	78.66644	12:31:59	D	5.00
36	DATIA	BHANDER	S-NPP	25.86954	78.70946	14:12:17	D	4.70
37	DATIA	BHANDER	S-NPP	25.87063	78.71156	14:12:17	D	6.70
38	DATIA	BHANDER	S-NPP	25.90477	78.75312	14:12:17	D	7.80
39	DATIA	BHANDER	S-NPP	25.90522	78.74943	14:12:17	D	8.90
40	DATIA	BHANDER	S-NPP	25.90833	78.80243	12:31:59	D	3.90
41	DATIA	BHANDER	S-NPP	25.90961	78.79840	12:31:59	D	3.70
42	DATIA	BHANDER	S-NPP	25.91945	78.65878	12:31:59	D	4.50
43	DATIA	BHANDER	S-NPP	25.93166	78.75909	14:12:17	D	10.80
44	DATIA	BHANDER	S-NPP	25.93200	78.78658	12:31:59	D	2.50
45	DATIA	DATIA	S-NPP	25.59607	78.60218	12:31:59	D	3.10
46	DATIA	SEONDHA	S-NPP	25.85919	78.59656	12:31:59	D	3.70
47	DATIA	SEONDHA	S-NPP	25.86160	78.61004	12:31:59	D	6.20
48	DATIA	SEONDHA	S-NPP	25.86294	78.61153	12:31:59	D	3.90
49	DATIA	SEONDHA	S-NPP	25.88169	78.60591	14:12:17	D	3.10
50	DATIA	SEONDHA	S-NPP	25.91065	78.59737	12:31:59	D	6.00
51	DATIA	SEONDHA	S-NPP	25.99086	78.69044	12:31:59	D	6.80
52	DATIA	SEONDHA	S-NPP	25.99218	78.69168	12:31:59	D	6.20
53	DATIA	SEONDHA	S-NPP	26.00038	78.72964	12:31:59	D	5.10
54	DATIA	SEONDHA	S-NPP	26.00071	78.72586	12:31:59	D	3.70
55	DATIA	SEONDHA	S-NPP	26.02088	78.74122	14:12:17	D	5.20
56	DATIA	SEONDHA	S-NPP	26.02191	78.73860	14:12:17	D	3.70
57	DATIA	SEONDHA	S-NPP	26.02227	78.74440	14:12:17	D	5.20
58	DATIA	SEONDHA	S-NPP	26.02893	78.68609	12:31:59	D	5.00
59	DATIA	SEONDHA	S-NPP	26.03014	78.69099	12:31:59	D	9.10
60	DATIA	SEONDHA	S-NPP	26.03135	78.69588	12:31:59	D	9.10
61	DATIA	SEONDHA	S-NPP	26.03476	78.73767	14:12:17	D	8.00
62	DATIA	SEONDHA	S-NPP	26.03933	78.70838	14:12:17	D	4.30

63	DATIA	SEONDHA	S-NPP	26.06237	78.76477	14:12:17	D	9.50
64	DATIA	SEONDHA	S-NPP	26.06271	78.67210	14:12:17	D	6.80
65	DATIA	SEONDHA	AQUA	25.86900	78.62000	14:57:37	D	40.00
66	GUNA	GUNA	S-NPP	24.64634	77.45129	14:12:17	D	4.90
67	GUNA	GUNA	S-NPP	24.64754	77.45033	14:12:17	D	5.70
68	GUNA	GUNA	S-NPP	24.78387	77.46714	12:31:59	D	3.70
69	GWALIOR	BHITARWAR	S-NPP	25.74928	78.03067	12:31:59	D	3.70
70	GWALIOR	BHITARWAR	S-NPP	25.77910	78.12734	14:12:17	D	8.20
71	GWALIOR	BHITARWAR	S-NPP	25.79145	78.03748	14:12:17	D	4.90
72	GWALIOR	BHITARWAR	S-NPP	25.81266	78.16183	14:12:17	D	4.70
73	GWALIOR	BHITARWAR	S-NPP	25.84111	78.03881	14:12:17	D	3.30
74	GWALIOR	BHITARWAR	S-NPP	25.85242	78.04604	12:31:59	D	3.60
75	GWALIOR	BHITARWAR	S-NPP	25.90402	78.15618	14:12:17	D	2.80
76	GWALIOR	BHITARWAR	S-NPP	25.90883	78.15247	12:31:59	D	8.70
77	GWALIOR	BHITARWAR	S-NPP	25.94348	78.11298	14:12:17	D	3.40
78	GWALIOR	BHITARWAR	S-NPP	25.95009	78.05411	12:31:59	D	2.30
79	GWALIOR	BHITARWAR	S-NPP	25.95413	78.05291	12:31:59	D	3.90
80	GWALIOR	BHITARWAR	S-NPP	26.01509	78.13793	12:31:59	D	3.30
81	GWALIOR	DABRA	S-NPP	25.82561	78.25697	14:12:17	D	3.90
82	GWALIOR	DABRA	S-NPP	25.86784	78.17500	14:12:17	D	10.70
83	GWALIOR	DABRA	S-NPP	25.86926	78.19619	14:12:17	D	2.90
84	GWALIOR	DABRA	S-NPP	25.86968	78.17345	14:12:17	D	6.90
85	GWALIOR	DABRA	S-NPP	25.87007	78.17873	14:12:17	D	6.90
86	GWALIOR	DABRA	S-NPP	25.87068	78.21744	14:12:17	D	3.90
87	GWALIOR	DABRA	S-NPP	25.87279	78.21583	14:12:17	D	6.50
88	GWALIOR	DABRA	S-NPP	25.87405	78.17451	14:12:17	D	6.50
89	GWALIOR	DABRA	S-NPP	25.87441	78.17981	14:12:17	D	6.50
90	GWALIOR	DABRA	S-NPP	25.87628	78.17826	14:12:17	D	6.90
91	GWALIOR	DABRA	S-NPP	25.87667	78.18357	14:12:17	D	11.60
92	GWALIOR	DABRA	S-NPP	25.88720	78.18412	14:12:17	D	5.70
93	GWALIOR	DABRA	S-NPP	25.89341	78.18363	14:12:17	D	5.70
94	GWALIOR	DABRA	S-NPP	25.90658	78.19318	14:12:17	D	5.50
95	GWALIOR	DABRA	S-NPP	25.90769	78.30094	14:12:17	D	4.50

96	GWALIOR	DABRA	S-NPP	25.91443	78.25292	12:31:59	D	3.50
97	GWALIOR	DABRA	S-NPP	25.92357	78.36689	12:31:59	D	4.40
98	GWALIOR	DABRA	S-NPP	25.94562	78.30327	14:12:17	D	5.50
99	GWALIOR	GWALIOR	S-NPP	26.25311	78.34289	12:31:59	D	4.50
100	GWALIOR	GWALIOR	S-NPP	26.25347	78.34577	12:31:59	D	2.90
101	GWALIOR	GWALIOR	S-NPP	26.33356	78.33118	12:31:59	D	5.50
102	GWALIOR	GWALIOR	S-NPP	26.33479	78.33439	12:31:59	D	4.40
103	HARDA	TIMURNI	S-NPP	22.36833	77.30862	14:12:17	D	2.00
104	HOSHANGABAD	BABAI	S-NPP	22.66881	78.00750	14:12:17	D	3.00
105	HOSHANGABAD	BABAI	S-NPP	22.68394	78.04381	14:12:17	D	5.70
106	HOSHANGABAD	BABAI	S-NPP	22.68634	78.04331	14:12:17	D	3.30
107	HOSHANGABAD	BABAI	S-NPP	22.71916	78.00279	14:12:17	D	1.90
108	HOSHANGABAD	BABAI	S-NPP	22.74050	77.89860	14:12:17	D	4.60
109	HOSHANGABAD	BABAI	S-NPP	22.79983	77.99698	14:12:17	D	4.80
110	HOSHANGABAD	BABAI	S-NPP	22.82563	77.80030	14:12:17	D	2.60
111	HOSHANGABAD	BABAI	S-NPP	22.84001	77.84286	12:31:59	D	13.60
112	HOSHANGABAD	BABAI	S-NPP	22.84083	77.83991	14:12:17	D	2.20
113	HOSHANGABAD	BABAI	S-NPP	22.84236	77.84010	12:31:59	D	10.70
114	HOSHANGABAD	BANKHERI	S-NPP	22.81293	78.55636	14:12:17	D	2.00
115	HOSHANGABAD	BANKHERI	S-NPP	22.86736	78.56504	12:31:59	D	4.40
116	HOSHANGABAD	BANKHERI	S-NPP	22.88590	78.46609	14:12:17	D	5.10
117	HOSHANGABAD	BANKHERI	AQUA	22.80700	78.55900	14:57:37	D	28.80
118	HOSHANGABAD	HOSHANGABAD	S-NPP	22.75998	77.77805	14:12:17	D	2.20
119	HOSHANGABAD	PIPARIYA	S-NPP	22.69979	78.41056	01:21:17	N	0.40
120	HOSHANGABAD	PIPARIYA	S-NPP	22.70594	78.40750	12:31:59	D	7.80
121	HOSHANGABAD	PIPARIYA	S-NPP	22.77230	78.35906	14:12:17	D	3.80
122	HOSHANGABAD	PIPARIYA	S-NPP	22.85619	78.40669	14:12:17	D	2.60
123	HOSHANGABAD	PIPARIYA	S-NPP	22.86771	78.39243	14:12:17	D	3.20
124	HOSHANGABAD	SOHAGPUR	S-NPP	22.74044	78.19096	14:12:17	D	6.10
125	JABALPUR	JABALPUR	S-NPP	23.23565	79.86863	12:31:59	D	3.10
126	JABALPUR	JABALPUR	S-NPP	23.23776	79.86926	12:31:59	D	3.20
127	JABALPUR	JABALPUR	S-NPP	23.23783	79.87806	12:31:59	D	7.30
128	JABALPUR	JABALPUR	S-NPP	23.24000	79.87865	12:31:59	D	7.00

129	JABALPUR	JABALPUR	S-NPP	23.24676	79.93301	14:12:17	D	6.80
130	JABALPUR	JABALPUR	S-NPP	23.24869	79.92512	12:31:59	D	2.90
131	JABALPUR	JABALPUR	S-NPP	23.25111	79.93560	14:12:17	D	11.40
132	JABALPUR	JABALPUR	S-NPP	23.26696	79.96595	12:31:59	D	14.60
133	JABALPUR	JABALPUR	S-NPP	23.26765	79.91613	12:31:59	D	4.90
134	JABALPUR	JABALPUR	S-NPP	23.28893	79.90038	12:31:59	D	4.90
135	JABALPUR	JABALPUR	S-NPP	23.29988	79.94706	12:31:59	D	5.60
136	JABALPUR	JABALPUR	S-NPP	23.31724	80.02115	12:31:59	D	3.20
137	JABALPUR	JABALPUR	S-NPP	23.32221	79.93598	12:31:59	D	2.50
138	JABALPUR	JABALPUR	S-NPP	23.32465	79.88936	14:12:17	D	10.30
139	JABALPUR	JABALPUR	S-NPP	23.32510	79.89567	14:12:17	D	15.20
140	JABALPUR	JABALPUR	S-NPP	23.33790	79.90813	12:31:59	D	2.40
141	JABALPUR	JABALPUR	S-NPP	23.34208	79.99466	12:31:59	D	3.10
142	JABALPUR	JABALPUR	S-NPP	23.35661	79.90803	12:31:59	D	3.70
143	JABALPUR	KUNDAM	S-NPP	23.16365	80.21752	12:31:59	D	12.20
144	JABALPUR	MAJHOULI	S-NPP	23.41405	79.96304	14:12:17	D	5.20
145	JABALPUR	MAJHOULI	S-NPP	23.42428	80.01368	14:12:17	D	5.10
146	JABALPUR	MAJHOULI	S-NPP	23.43191	80.02602	14:12:17	D	4.90
147	JABALPUR	MAJHOULI	S-NPP	23.43235	80.03246	14:12:17	D	12.60
148	JABALPUR	MAJHOULI	S-NPP	23.43808	80.04305	12:31:59	D	3.00
149	JABALPUR	MAJHOULI	S-NPP	23.43867	80.02554	14:12:17	D	4.90
150	JABALPUR	MAJHOULI	S-NPP	23.44632	80.03790	14:12:17	D	12.10
151	JABALPUR	MAJHOULI	S-NPP	23.45182	80.04901	12:31:59	D	3.80
152	JABALPUR	MAJHOULI	S-NPP	23.45813	80.02301	12:31:59	D	6.20
153	JABALPUR	MAJHOULI	S-NPP	23.45960	80.04037	12:31:59	D	4.30
154	JABALPUR	MAJHOULI	S-NPP	23.46105	80.02056	12:31:59	D	4.80
155	JABALPUR	MAJHOULI	S-NPP	23.46236	80.04128	12:31:59	D	4.50
156	JABALPUR	MAJHOULI	S-NPP	23.52632	79.88753	14:12:17	D	5.90
157	JABALPUR	MAJHOULI	S-NPP	23.54256	80.05193	12:31:59	D	5.50
158	JABALPUR	MAJHOULI	S-NPP	23.55370	80.17821	12:31:59	D	5.60
159	JABALPUR	MAJHOULI	S-NPP	23.56051	80.18118	12:31:59	D	6.00
160	JABALPUR	PATAN	S-NPP	23.18920	79.82070	14:12:17	D	12.70
161	JABALPUR	PATAN	S-NPP	23.18963	79.82690	14:12:17	D	14.00

162	JABALPUR	PATAN	S-NPP	23.20867	79.69411	12:31:59	D	8.50
163	JABALPUR	PATAN	S-NPP	23.21007	79.83166	14:12:17	D	4.70
164	JABALPUR	PATAN	S-NPP	23.21542	79.81257	14:12:17	D	16.90
165	JABALPUR	PATAN	S-NPP	23.21674	79.83118	14:12:17	D	4.70
166	JABALPUR	PATAN	S-NPP	23.22386	79.83691	14:12:17	D	6.60
167	JABALPUR	PATAN	S-NPP	23.23053	79.83643	14:12:17	D	6.60
168	JABALPUR	PATAN	S-NPP	23.24111	79.64777	14:12:17	D	6.00
169	JABALPUR	PATAN	S-NPP	23.24590	79.77105	12:31:59	D	3.50
170	JABALPUR	PATAN	S-NPP	23.26889	79.76215	14:12:17	D	12.80
171	JABALPUR	PATAN	S-NPP	23.27143	79.68364	12:31:59	D	5.70
172	JABALPUR	PATAN	S-NPP	23.27170	79.75896	14:12:17	D	8.10
173	JABALPUR	PATAN	S-NPP	23.30408	79.76679	12:31:59	D	7.60
174	JABALPUR	PATAN	S-NPP	23.30731	79.76439	12:31:59	D	8.70
175	JABALPUR	PATAN	S-NPP	23.30989	79.74843	12:31:59	D	4.70
176	JABALPUR	PATAN	S-NPP	23.31027	79.80412	12:31:59	D	5.90
177	JABALPUR	PATAN	S-NPP	23.31319	79.80480	12:31:59	D	4.20
178	JABALPUR	PATAN	S-NPP	23.32825	79.84499	14:12:17	D	6.10
179	JABALPUR	PATAN	S-NPP	23.33400	79.83936	12:31:59	D	4.10
180	JABALPUR	SAHPURA	S-NPP	23.15732	79.61315	12:31:59	D	5.50
181	JABALPUR	SAHPURA	S-NPP	23.15781	79.61452	12:31:59	D	4.80
182	JABALPUR	SAHPURA	S-NPP	23.16701	79.75573	14:12:17	D	9.90
183	JABALPUR	SAHPURA	S-NPP	23.17119	79.75396	14:12:17	D	13.20
184	JABALPUR	SAHPURA	S-NPP	23.19508	79.74786	12:31:59	D	5.40
185	JABALPUR	SAHPURA	S-NPP	23.19642	79.74880	12:31:59	D	4.10
186	JABALPUR	SIHORA	S-NPP	23.37975	80.07731	12:31:59	D	4.20
187	JABALPUR	SIHORA	S-NPP	23.40802	80.17776	14:12:17	D	4.10
188	JABALPUR	SIHORA	S-NPP	23.41196	80.14182	12:31:59	D	5.60
189	JABALPUR	SIHORA	S-NPP	23.41562	80.13125	12:31:59	D	5.90
190	JABALPUR	SIHORA	S-NPP	23.42074	80.22906	12:31:59	D	7.80
191	JABALPUR	SIHORA	S-NPP	23.42519	80.22396	12:31:59	D	8.30
192	JABALPUR	SIHORA	S-NPP	23.42625	80.22842	12:31:59	D	8.30
193	JABALPUR	SIHORA	S-NPP	23.42647	80.22744	12:31:59	D	7.80
194	JABALPUR	SIHORA	S-NPP	23.44767	80.13689	12:31:59	D	2.80



195	JABALPUR	SIHORA	S-NPP	23.45081	80.20278	12:31:59	D	2.60
196	KATNI	BAHURIBAND	S-NPP	23.60483	79.98271	12:31:59	D	4.40
197	KATNI	BAHURIBAND	S-NPP	23.63525	80.08557	12:31:59	D	4.40
198	KATNI	BAHURIBAND	S-NPP	23.72022	79.95844	12:31:59	D	4.10
199	KATNI	BAHURIBAND	S-NPP	23.78479	79.99293	14:12:17	D	2.80
200	KATNI	BARHI	S-NPP	23.84448	80.69354	12:31:59	D	2.70
201	KATNI	DHIMERKHEDA	S-NPP	23.45626	80.41117	12:31:59	D	7.40
202	KATNI	DHIMERKHEDA	S-NPP	23.45719	80.41155	12:31:59	D	7.00
203	KATNI	DHIMERKHEDA	S-NPP	23.56177	80.55133	12:31:59	D	2.70
204	MANDLA	NAINPUR	S-NPP	22.41219	80.11729	12:31:59	D	3.40
205	MANDLA	NAINPUR	S-NPP	22.42846	80.13309	12:31:59	D	1.80
206	MANDLA	NAINPUR	S-NPP	22.51224	80.08179	14:12:17	D	4.40
207	MORENA	MORENA	S-NPP	26.41610	78.22291	12:31:59	D	3.70
208	MORENA	MORENA	S-NPP	26.41641	78.22356	12:31:59	D	5.10
209	NARSHIMAPURA	GADARWARA	S-NPP	22.77188	78.66766	14:12:17	D	6.40
210	NARSHIMAPURA	GADARWARA	S-NPP	22.77357	78.66725	14:12:17	D	5.70
211	NARSHIMAPURA	GADARWARA	S-NPP	22.80665	78.70429	12:31:59	D	7.60
212	NARSHIMAPURA	GADARWARA	S-NPP	22.81117	78.69026	14:12:17	D	1.60
213	NARSHIMAPURA	GADARWARA	S-NPP	22.81140	78.70023	12:31:59	D	9.70
214	NARSHIMAPURA	GADARWARA	S-NPP	22.82611	78.64243	14:12:17	D	3.20
215	NARSHIMAPURA	GADARWARA	S-NPP	22.85493	78.70989	14:12:17	D	1.20
216	NARSHIMAPURA	GADARWARA	S-NPP	22.86377	78.57822	12:31:59	D	7.00
217	NARSHIMAPURA	GADARWARA	S-NPP	23.02662	78.93481	14:12:17	D	7.20
218	NARSHIMAPURA	GOTECAON	S-NPP	22.99519	79.46828	14:12:17	D	4.40
219	NARSHIMAPURA	GOTECAON	S-NPP	22.99666	79.40960	14:12:17	D	3.50
220	NARSHIMAPURA	KARELI	S-NPP	23.01845	79.13535	12:31:59	D	3.70
221	NIMACH	MANASA	S-NPP	24.47222	75.46384	14:12:17	D	3.10
222	PANNA	SHAHNAGAR	S-NPP	23.97172	79.98570	14:12:17	D	4.90
223	RAISEN	BARELI	S-NPP	22.92004	78.06630	14:12:17	D	2.50
224	RAISEN	BARELI	S-NPP	22.93529	78.31718	14:12:17	D	2.90
225	RAISEN	BARELI	S-NPP	22.93537	78.31572	14:12:17	D	3.30
226	RAISEN	BARELI	S-NPP	22.94900	78.18873	01:21:17	N	0.30
227	RAISEN	GOHARGANJ	S-NPP	22.94950	77.54709	12:31:59	D	10.30

228	RAISEN	GOHARGANJ	S-NPP	22.95543	77.54741	12:31:59	D	12.70
229	RAISEN	GOHARGANJ	S-NPP	22.96235	77.55550	14:12:17	D	4.70
230	RAISEN	GOHARGANJ	S-NPP	22.96241	77.55415	14:12:17	D	4.40
231	RAISEN	GOHARGANJ	S-NPP	23.01257	77.59530	14:12:17	D	3.90
232	RAISEN	GOHARGANJ	S-NPP	23.02907	77.65183	14:12:17	D	2.80
233	RAISEN	GOHARGANJ	S-NPP	23.03103	77.53584	14:12:17	D	2.20
234	RAISEN	GOHARGANJ	S-NPP	23.03740	77.61084	14:12:17	D	1.90
235	RAISEN	GOHARGANJ	S-NPP	23.04079	77.65079	14:12:17	D	5.70
236	RAISEN	GOHARGANJ	S-NPP	23.04984	77.61858	14:12:17	D	3.90
237	RAISEN	GOHARGANJ	S-NPP	23.06889	77.63459	14:12:17	D	4.00
238	RAISEN	GOHARGANJ	S-NPP	23.06927	77.63903	14:12:17	D	4.00
239	REWA	HUZUR	S-NPP	24.47135	81.29578	12:31:59	D	3.10
240	REWA	HUZUR	S-NPP	24.63218	81.31268	12:31:59	D	3.20
241	REWA	HUZUR	S-NPP	24.63501	81.31287	12:31:59	D	3.60
242	REWA	HUZUR	S-NPP	24.66616	81.19138	12:31:59	D	2.50
243	REWA	MAUGANJ	S-NPP	24.70492	81.65392	12:31:59	D	2.60
244	REWA	RAJPUR KUCHULIYAN	S-NPP	24.58135	81.61467	12:31:59	D	1.40
245	REWA	SIRMAUR	S-NPP	24.66084	81.26682	12:31:59	D	3.00
246	REWA	SIRMAUR	S-NPP	24.73717	81.48693	01:21:17	N	0.70
247	REWA	SIRMAUR	S-NPP	24.75672	81.37115	12:31:59	D	2.40
248	REWA	SIRMAUR	S-NPP	24.76302	81.20938	12:31:59	D	3.00
249	REWA	TEONTHAR	S-NPP	24.97815	81.41066	12:31:59	D	1.80
250	REWA	TEONTHAR	S-NPP	24.99067	81.44363	12:31:59	D	2.50
251	REWA	TEONTHAR	S-NPP	24.99112	81.44434	12:31:59	D	2.70
252	REWA	TEONTHAR	S-NPP	25.17210	81.57021	12:31:59	D	2.10
253	SATNA	AMARPATAN	S-NPP	24.37516	81.20129	12:31:59	D	3.00
254	SATNA	AMARPATAN	S-NPP	24.37845	81.08922	12:31:59	D	2.70
255	SATNA	AMARPATAN	S-NPP	24.37887	81.08842	12:31:59	D	2.30
256	SATNA	MAJHG>WAN	S-NPP	24.86423	80.90186	12:31:59	D	1.80
257	SATNA	MAJHG>WAN	S-NPP	24.86549	80.90124	12:31:59	D	2.90
258	SATNA	NAGOD	S-NPP	24.50205	80.52625	12:31:59	D	1.70
259	SATNA	NAGOD	S-NPP	24.55203	80.69178	12:31:59	D	2.80
260	SATNA	NAGOD	S-NPP	24.58392	80.67880	12:31:59	D	1.60

261	SATNA	NAGOD	S-NPP	24.68889	80.54151	12:31:59	D	1.70
262	SATNA	NAGOD	S-NPP	24.69121	80.54126	12:31:59	D	3.40
263	SATNA	RAGURAJNAGAR	S-NPP	24.66323	80.94756	12:31:59	D	2.70
264	SATNA	RAMPURBAGHLEAN	S-NPP	24.63921	81.07265	12:31:59	D	2.30
265	SATNA	UCHAHAR	S-NPP	24.26491	80.60403	14:12:17	D	6.50
266	SATNA	UCHAHAR	S-NPP	24.26686	80.60548	14:12:17	D	7.30
267	SATNA	UCHAHAR	S-NPP	24.39589	80.58846	12:31:59	D	2.50
268	SEHORE	BUDHNI	S-NPP	22.73377	77.54431	14:12:17	D	4.50
269	SEHORE	BUDHNI	S-NPP	22.83296	77.96119	14:12:17	D	3.20
270	SEHORE	NASRULLAHGANJ	S-NPP	22.70499	77.30193	12:31:59	D	10.50
271	SEHORE	NASRULLAHGANJ	S-NPP	22.70582	77.30334	12:31:59	D	10.70
272	SEONI	GHANSAUR	S-NPP	22.63276	80.11122	12:31:59	D	10.20
273	SEONI	GHANSAUR	S-NPP	22.63431	80.10910	12:31:59	D	9.40
274	SEONI	KEWLARI	S-NPP	22.42146	80.03866	14:12:17	D	2.80
275	SEONI	LAKHNADOU	S-NPP	22.32899	79.63920	14:12:17	D	5.30
276	SEONI	SEONI	S-NPP	22.09146	79.44310	14:12:17	D	3.40
277	SEONI	SEONI	S-NPP	22.09240	79.44328	14:12:17	D	4.10
278	SEONI	SEONI	S-NPP	22.15845	79.37510	14:12:17	D	1.60
279	SEONI	SEONI	S-NPP	22.18518	79.42789	12:31:59	D	2.40
280	SEONI	SEONI	S-NPP	22.21194	79.74136	14:12:17	D	8.30
281	SEONI	SEONI	S-NPP	22.25721	79.81634	14:12:17	D	4.10
282	SHEOPUR	KARAHAL	S-NPP	25.57743	77.04214	14:12:17	D	10.00
283	SHEOPUR	SHEOPUR	S-NPP	25.42499	76.61556	14:12:17	D	5.20
284	SHEOPUR	SHEOPUR	S-NPP	25.42534	76.61970	14:12:17	D	8.50
285	SHEOPUR	SHEOPUR	S-NPP	25.42779	76.62120	12:31:59	D	10.00
286	SHEOPUR	SHEOPUR	S-NPP	25.42827	76.61545	14:12:17	D	12.80
287	SHEOPUR	SHEOPUR	S-NPP	25.42860	76.61959	14:12:17	D	15.70
288	SHEOPUR	SHEOPUR	S-NPP	25.43063	76.61504	14:12:17	D	12.30
289	SHEOPUR	SHEOPUR	S-NPP	25.43098	76.61919	14:12:17	D	11.60
290	SHEOPUR	SHEOPUR	S-NPP	25.43293	76.60250	14:12:17	D	18.20
291	SHEOPUR	SHEOPUR	S-NPP	25.43520	76.60217	14:12:17	D	9.20
292	SHEOPUR	SHEOPUR	S-NPP	25.43555	76.60629	14:12:17	D	9.20
293	SHEOPUR	SHEOPUR	S-NPP	25.43823	76.59783	14:12:17	D	16.10

294	SHEOPUR	SHEOPUR	S-NPP	25.43856	76.60198	14:12:17	D	18.20
295	SHEOPUR	SHEOPUR	S-NPP	25.44303	76.62152	12:31:59	D	6.40
296	SHEOPUR	SHEOPUR	S-NPP	25.46276	76.62057	14:12:17	D	3.30
297	SHEOPUR	SHEOPUR	S-NPP	25.46613	76.59988	12:31:59	D	7.30
298	SHEOPUR	SHEOPUR	S-NPP	25.46803	76.63743	12:31:59	D	7.60
299	SHEOPUR	SHEOPUR	S-NPP	25.46832	76.63524	12:31:59	D	8.00
300	SHEOPUR	SHEOPUR	S-NPP	25.47093	76.59306	12:31:59	D	11.70
301	SHEOPUR	SHEOPUR	S-NPP	25.47267	76.59978	12:31:59	D	11.70
302	SHEOPUR	SHEOPUR	S-NPP	25.47279	76.59779	12:31:59	D	17.30
303	SHEOPUR	SHEOPUR	S-NPP	25.48294	76.58953	14:12:17	D	8.70
304	SHEOPUR	SHEOPUR	S-NPP	25.48600	76.62680	14:12:17	D	0.90
305	SHEOPUR	SHEOPUR	S-NPP	25.49198	76.63043	14:12:17	D	13.20
306	SHEOPUR	SHEOPUR	S-NPP	25.50018	76.59213	14:12:17	D	12.00
307	SHEOPUR	SHEOPUR	S-NPP	25.50052	76.59628	14:12:17	D	9.80
308	SHEOPUR	SHEOPUR	S-NPP	25.50512	76.58335	14:12:17	D	3.50
309	SHEOPUR	SHEOPUR	S-NPP	25.50867	76.55808	14:12:17	D	5.30
310	SHEOPUR	SHEOPUR	S-NPP	25.50945	76.70432	14:12:17	D	5.50
311	SHEOPUR	SHEOPUR	S-NPP	25.51133	76.65799	14:12:17	D	4.90
312	SHEOPUR	SHEOPUR	S-NPP	25.51156	76.55723	14:12:17	D	4.10
313	SHEOPUR	SHEOPUR	S-NPP	25.51513	76.70382	14:12:17	D	5.50
314	SHEOPUR	SHEOPUR	S-NPP	25.51751	76.56084	14:12:17	D	8.00
315	SHEOPUR	SHEOPUR	S-NPP	25.52026	76.56120	14:12:17	D	3.20
316	SHEOPUR	SHEOPUR	S-NPP	25.52235	76.58592	14:12:17	D	4.20
317	SHEOPUR	SHEOPUR	S-NPP	25.52264	76.65694	14:12:17	D	2.50
318	SHEOPUR	SHEOPUR	S-NPP	25.52506	76.58507	14:12:17	D	4.30
319	SHEOPUR	SHEOPUR	S-NPP	25.52746	76.68969	14:12:17	D	3.70
320	SHEOPUR	SHEOPUR	S-NPP	25.52778	76.69389	14:12:17	D	5.00
321	SHEOPUR	SHEOPUR	S-NPP	25.52938	76.60189	14:12:17	D	3.20
322	SHEOPUR	SHEOPUR	S-NPP	25.53109	76.68974	14:12:17	D	3.60
323	SHEOPUR	SHEOPUR	S-NPP	25.53144	76.69393	14:12:17	D	4.60
324	SHEOPUR	SHEOPUR	S-NPP	25.53198	76.60106	14:12:17	D	3.60
325	SHEOPUR	SHEOPUR	S-NPP	25.53854	76.64281	14:12:17	D	2.00
326	SHEOPUR	SHEOPUR	S-NPP	25.54228	76.58758	14:12:17	D	1.40

327	SHEOPUR	SHEOPUR	S-NPP	25.54595	76.56235	14:12:17	D	2.50
328	SHEOPUR	SHEOPUR	S-NPP	25.55085	76.62425	14:12:17	D	3.00
329	SHEOPUR	SHEOPUR	S-NPP	25.55158	76.56185	14:12:17	D	2.50
330	SHEOPUR	SHEOPUR	S-NPP	25.56978	76.57675	14:12:17	D	2.60
331	SHEOPUR	SHEOPUR	S-NPP	25.57307	76.54742	14:12:17	D	4.00
332	SHEOPUR	SHEOPUR	S-NPP	25.57541	76.57622	14:12:17	D	2.60
333	SHEOPUR	SHEOPUR	S-NPP	25.57641	76.58857	14:12:17	D	2.20
334	SHEOPUR	SHEOPUR	S-NPP	25.57650	76.68250	12:31:59	D	3.60
335	SHEOPUR	SHEOPUR	S-NPP	25.57808	76.60921	14:12:17	D	2.00
336	SHEOPUR	SHEOPUR	S-NPP	25.57936	76.55509	14:12:17	D	3.90
337	SHEOPUR	SHEOPUR	S-NPP	25.58532	76.55869	14:12:17	D	3.90
338	SHEOPUR	SHEOPUR	S-NPP	25.59015	76.68815	14:12:17	D	12.30
339	SHEOPUR	SHEOPUR	S-NPP	25.59548	76.68339	14:12:17	D	12.40
340	SHEOPUR	SHEOPUR	S-NPP	25.59582	76.68762	14:12:17	D	12.30
341	SHEOPUR	SHEOPUR	S-NPP	25.60381	76.68633	12:31:59	D	4.00
342	SHEOPUR	SHEOPUR	S-NPP	25.60561	76.59840	14:12:17	D	3.10
343	SHEOPUR	SHEOPUR	S-NPP	25.60646	76.68732	12:31:59	D	5.10
344	SHEOPUR	SHEOPUR	S-NPP	25.61125	76.59787	14:12:17	D	3.10
345	SHEOPUR	SHEOPUR	S-NPP	25.61345	76.55612	14:12:17	D	2.60
346	SHEOPUR	SHEOPUR	S-NPP	25.61708	76.55804	14:12:17	D	4.40
347	SHEOPUR	SHEOPUR	S-NPP	25.61759	76.60567	14:12:17	D	8.40
348	SHEOPUR	SHEOPUR	S-NPP	25.61793	76.60983	14:12:17	D	9.40
349	SHEOPUR	SHEOPUR	S-NPP	25.61930	76.58695	14:12:17	D	8.50
350	SHEOPUR	SHEOPUR	S-NPP	25.62185	76.58865	14:12:17	D	4.00
351	SHEOPUR	SHEOPUR	S-NPP	25.62185	76.62020	14:12:17	D	5.00
352	SHEOPUR	SHEOPUR	S-NPP	25.62462	76.62183	14:12:17	D	5.10
353	SHEOPUR	SHEOPUR	S-NPP	25.62717	76.72148	12:31:59	D	14.20
354	SHEOPUR	SHEOPUR	S-NPP	25.62732	76.72310	14:12:17	D	4.10
355	SHEOPUR	SHEOPUR	S-NPP	25.62766	76.72730	14:12:17	D	5.70
356	SHEOPUR	SHEOPUR	S-NPP	25.62782	76.62385	14:12:17	D	5.00
357	SHEOPUR	SHEOPUR	S-NPP	25.62831	76.71581	12:31:59	D	8.60
358	SHEOPUR	SHEOPUR	S-NPP	25.63006	76.65301	14:12:17	D	3.10
359	SHEOPUR	SHEOPUR	S-NPP	25.63006	76.72246	12:31:59	D	8.60

360	SHEOPUR	SHEOPUR	S-NPP	25.63027	76.62133	14:12:17	D	3.20
361	SHEOPUR	SHEOPUR	S-NPP	25.63386	76.52935	14:12:17	D	3.90
362	SHEOPUR	SHEOPUR	S-NPP	25.63686	76.59370	14:12:17	D	4.00
363	SHEOPUR	SHEOPUR	S-NPP	25.63765	76.53115	14:12:17	D	6.20
364	SHEOPUR	SHEOPUR	S-NPP	25.63778	76.53332	12:31:59	D	11.10
365	SHEOPUR	SHEOPUR	S-NPP	25.63940	76.53743	12:31:59	D	16.40
366	SHEOPUR	SHEOPUR	S-NPP	25.63946	76.59541	14:12:17	D	5.70
367	SHEOPUR	SHEOPUR	S-NPP	25.64017	76.60368	14:12:17	D	7.50
368	SHEOPUR	SHEOPUR	S-NPP	25.64051	76.60783	14:12:17	D	5.80
369	SHEOPUR	SHEOPUR	S-NPP	25.64089	76.57246	14:12:17	D	6.70
370	SHEOPUR	SHEOPUR	S-NPP	25.64202	76.60444	12:31:59	D	4.90
371	SHEOPUR	SHEOPUR	S-NPP	25.64299	76.57008	14:12:17	D	8.20
372	SHEOPUR	SHEOPUR	S-NPP	25.64348	76.60558	14:12:17	D	10.30
373	SHEOPUR	SHEOPUR	S-NPP	25.65436	76.67209	14:12:17	D	1.90
374	SHEOPUR	SHEOPUR	S-NPP	25.67771	76.67851	14:12:17	D	2.80
375	SHEOPUR	SHEOPUR	S-NPP	25.67865	76.54813	14:12:17	D	2.30
376	SHEOPUR	SHEOPUR	S-NPP	25.68001	76.63576	14:12:17	D	2.00
377	SHEOPUR	SHEOPUR	S-NPP	25.68166	76.58535	14:12:17	D	9.10
378	SHEOPUR	SHEOPUR	S-NPP	25.68199	76.58949	14:12:17	D	12.40
379	SHEOPUR	SHEOPUR	S-NPP	25.68730	76.58480	14:12:17	D	9.50
380	SHEOPUR	SHEOPUR	S-NPP	25.69511	76.58765	12:31:59	D	4.10
381	SHEOPUR	SHEOPUR	S-NPP	25.70782	76.55795	14:12:17	D	7.30
382	SHEOPUR	SHEOPUR	S-NPP	25.71140	76.53273	14:12:17	D	3.60
383	SHEOPUR	SHEOPUR	S-NPP	25.71311	76.55330	14:12:17	D	7.30
384	SHEOPUR	SHEOPUR	S-NPP	25.72322	76.60670	14:12:17	D	4.70
385	SHEOPUR	SHEOPUR	S-NPP	25.72356	76.61085	14:12:17	D	6.30
386	SHEOPUR	SHEOPUR	S-NPP	25.72560	76.60603	14:12:17	D	4.80
387	SHEOPUR	SHEOPUR	S-NPP	25.72591	76.61018	14:12:17	D	6.40
388	SHEOPUR	SHEOPUR	S-NPP	25.72712	76.59646	12:31:59	D	4.80
389	SHEOPUR	SHEOPUR	S-NPP	25.73498	76.58004	14:12:17	D	3.90
390	SHEOPUR	SHEOPUR	S-NPP	25.73585	76.62958	12:31:59	D	9.30
391	SHEOPUR	SHEOPUR	S-NPP	25.73633	76.55952	14:12:17	D	6.50
392	SHEOPUR	SHEOPUR	S-NPP	25.73772	76.57611	14:12:17	D	4.00

393	SHEOPUR	SHEOPUR	S-NPP	25.73807	76.58027	14:12:17	D	4.00
394	SHEOPUR	SHEOPUR	S-NPP	25.73901	76.55871	14:12:17	D	7.90
395	SHEOPUR	SHEOPUR	S-NPP	25.77514	76.58472	14:12:17	D	3.90
396	SHEOPUR	SHEOPUR	S-NPP	25.77547	76.58887	14:12:17	D	6.30
397	SHEOPUR	SHEOPUR	S-NPP	25.77779	76.64294	12:31:59	D	7.20
398	SHEOPUR	SHEOPUR	S-NPP	25.77868	76.60160	12:31:59	D	4.40
399	SHEOPUR	SHEOPUR	S-NPP	25.77878	76.63063	14:12:17	D	2.60
400	SHEOPUR	SHEOPUR	S-NPP	25.77912	76.63486	14:12:17	D	2.60
401	SHEOPUR	SHEOPUR	S-NPP	25.78012	76.64751	14:12:17	D	6.40
402	SHEOPUR	SHEOPUR	S-NPP	25.78045	76.65175	14:12:17	D	6.40
403	SHEOPUR	SHEOPUR	S-NPP	25.78048	76.59937	12:31:59	D	5.00
404	SHEOPUR	SHEOPUR	S-NPP	25.78079	76.58421	14:12:17	D	4.00
405	SHEOPUR	SHEOPUR	S-NPP	25.78112	76.58835	14:12:17	D	7.10
406	SHEOPUR	SHEOPUR	S-NPP	25.78212	76.60089	14:12:17	D	8.70
407	SHEOPUR	SHEOPUR	S-NPP	25.78239	76.64326	12:31:59	D	20.30
408	SHEOPUR	SHEOPUR	S-NPP	25.78440	76.64085	12:31:59	D	9.30
409	SHEOPUR	SHEOPUR	S-NPP	25.78529	76.59947	12:31:59	D	4.40
410	SHEOPUR	SHEOPUR	S-NPP	25.78579	76.64703	14:12:17	D	5.90
411	SHEOPUR	SHEOPUR	S-NPP	25.78580	76.65634	12:31:59	D	22.40
412	SHEOPUR	SHEOPUR	S-NPP	25.78710	76.59203	14:12:17	D	7.10
413	SHEOPUR	SHEOPUR	S-NPP	25.78710	76.59727	12:31:59	D	4.90
414	SHEOPUR	SHEOPUR	S-NPP	25.78743	76.59621	14:12:17	D	8.70
415	SHEOPUR	SHEOPUR	S-NPP	25.78788	76.65389	12:31:59	D	24.00
416	SHEOPUR	SHEOPUR	S-NPP	25.78944	76.62125	14:12:17	D	1.90
417	SHEOPUR	SHEOPUR	S-NPP	25.78974	76.55413	14:12:17	D	2.60
418	SHEOPUR	SHEOPUR	S-NPP	25.79069	76.64770	12:31:59	D	8.70
419	SHEOPUR	SHEOPUR	S-NPP	25.79145	76.64651	14:12:17	D	5.90
420	SHEOPUR	SHEOPUR	S-NPP	25.79179	76.65073	14:12:17	D	5.90
421	SHEOPUR	SHEOPUR	S-NPP	25.79213	76.65492	14:12:17	D	7.50
422	SHEOPUR	SHEOPUR	S-NPP	25.79712	76.64600	14:12:17	D	9.50
423	SHEOPUR	SHEOPUR	S-NPP	25.80259	76.69344	12:31:59	D	16.40
424	SHEOPUR	SHEOPUR	S-NPP	25.80318	76.68446	12:31:59	D	7.60
425	SHEOPUR	SHEOPUR	S-NPP	25.80551	76.67927	14:12:17	D	5.80

426	SHEOPUR	SHEOPUR	S-NPP	25.80676	76.62395	14:12:17	D	5.10
427	SHEOPUR	SHEOPUR	S-NPP	25.80857	76.60639	12:31:59	D	6.80
428	SHEOPUR	SHEOPUR	S-NPP	25.80977	76.68237	12:31:59	D	19.70
429	SHEOPUR	SHEOPUR	S-NPP	25.81047	76.60425	12:31:59	D	5.70
430	SHEOPUR	SHEOPUR	S-NPP	25.81150	76.68889	12:31:59	D	19.70
431	SHEOPUR	SHEOPUR	S-NPP	25.81153	76.68301	14:12:17	D	5.00
432	SHEOPUR	SHEOPUR	S-NPP	25.81463	76.67381	12:31:59	D	11.00
433	SHEOPUR	SHEOPUR	S-NPP	25.81636	76.68031	12:31:59	D	19.70
434	SHEOPUR	SHEOPUR	S-NPP	25.81721	76.68250	14:12:17	D	5.00
435	SHEOPUR	SHEOPUR	S-NPP	25.81755	76.68673	14:12:17	D	14.00
436	SHEOPUR	SHEOPUR	S-NPP	25.82123	76.67175	12:31:59	D	11.20
437	SHEOPUR	SHEOPUR	S-NPP	25.82220	76.67351	14:12:17	D	2.90
438	SHEOPUR	SHEOPUR	S-NPP	25.82295	76.67825	12:31:59	D	20.20
439	SHEOPUR	SHEOPUR	S-NPP	25.82616	76.65186	14:12:17	D	3.10
440	SHEOPUR	SHEOPUR	S-NPP	25.82708	76.65031	12:31:59	D	10.40
441	SHEOPUR	SHEOPUR	S-NPP	25.82923	76.64802	12:31:59	D	12.90
442	SHEOPUR	SHEOPUR	S-NPP	25.82941	76.62193	14:12:17	D	4.80
443	SHEOPUR	SHEOPUR	S-NPP	25.83183	76.65135	14:12:17	D	6.60
444	SHEOPUR	SHEOPUR	S-NPP	25.83866	76.60246	12:31:59	D	4.40
445	SHEOPUR	SHEOPUR	S-NPP	25.83899	76.59998	14:12:17	D	3.50
446	SHEOPUR	SHEOPUR	S-NPP	25.83933	76.60413	14:12:17	D	3.50
447	SHEOPUR	SHEOPUR	S-NPP	25.84217	76.60425	14:12:17	D	4.30
448	SHEOPUR	SHEOPUR	S-NPP	25.84314	76.61693	14:12:17	D	4.80
449	SHEOPUR	SHEOPUR	S-NPP	25.84347	76.62117	14:12:17	D	4.80
450	SHEOPUR	SHEOPUR	S-NPP	25.84913	76.62068	14:12:17	D	4.80
451	SHEOPUR	SHEOPUR	S-NPP	25.89413	76.68485	14:12:17	D	4.60
452	SHEOPUR	SHEOPUR	AQUA	25.45300	76.58600	14:57:37	D	47.90
453	SHEOPUR	SHEOPUR	AQUA	25.45800	76.59000	14:57:37	D	52.60
454	SHEOPUR	SHEOPUR	AQUA	25.49000	76.55800	14:57:37	D	31.60
455	SHEOPUR	SHEOPUR	AQUA	25.58100	76.68500	14:57:37	D	32.80
456	SHEOPUR	SHEOPUR	AQUA	25.60800	76.68200	14:57:37	D	31.60
457	SHEOPUR	SHEOPUR	AQUA	25.63400	76.53400	14:57:37	D	57.30
458	SHEOPUR	SHEOPUR	AQUA	25.64100	76.60500	14:57:37	D	32.80



459	SHEOPUR	SHEOPUR	AQUA	25.64200	76.52800	14:57:37	D	40.00
460	SHEOPUR	SHEOPUR	AQUA	25.64900	76.59900	14:57:37	D	34.60
461	SHEOPUR	SHEOPUR	AQUA	25.69600	76.52200	14:57:37	D	20.10
462	SHEOPUR	SHEOPUR	AQUA	25.69800	76.54500	14:57:37	D	24.70
463	SHEOPUR	SHEOPUR	AQUA	25.73700	76.55700	14:57:37	D	38.70
464	SHEOPUR	SHEOPUR	AQUA	25.73900	76.58200	14:57:37	D	61.50
465	SHEOPUR	SHEOPUR	AQUA	25.74000	76.56500	14:57:37	D	57.70
466	SHEOPUR	SHEOPUR	AQUA	25.78600	76.65000	14:57:37	D	102.20
467	SHEOPUR	SHEOPUR	AQUA	25.79700	76.62400	14:57:37	D	36.70
468	SHEOPUR	SHEOPUR	AQUA	25.80000	76.64800	14:57:37	D	73.60
469	SHEOPUR	VIJAYPUR	S-NPP	25.99327	76.91038	14:12:17	D	5.00
470	SHIVPURI	KOLARAS	S-NPP	25.20704	77.64851	14:12:17	D	3.00
471	SHIVPURI	KOLARAS	S-NPP	25.25032	77.79520	14:12:17	D	6.00
472	SHIVPURI	NARWAR	S-NPP	25.63736	78.13383	14:12:17	D	4.80
473	SHIVPURI	NARWAR	S-NPP	25.64581	78.18640	12:31:59	D	4.10
474	VIDESHA	BASODA	S-NPP	23.78738	77.93884	14:12:17	D	3.00
475	VIDESHA	KORWAI	S-NPP	24.14952	77.91551	12:31:59	D	3.30
476	VIDESHA	KORWAI	S-NPP	24.15254	77.96223	14:12:17	D	4.30
477	VIDESHA	KORWAI	S-NPP	24.15378	77.96268	14:12:17	D	4.30
478	WEST NIMAR	BARWAH	S-NPP	22.12080	76.17517	14:12:17	D	2.00
479	WEST NIMAR	JHINIYA	S-NPP	21.76240	75.92510	14:12:17	D	0.90
480	WEST NIMAR	JHINIYA	S-NPP	21.76406	75.92514	14:12:17	D	0.60

## 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

### Study Team

ICAR - HQ	Dr Rajbir Singh	ADG-NRM (AAF&CC)	<a href="mailto:adgagroandaf@gmail.com">adgagroandaf@gmail.com</a>
ICAR - IARI	<b>Dr V.K. Sehgal</b>	Principal & Nodal Scientist	<a href="mailto:iaricreams@gmail.com">iaricreams@gmail.com</a>
	Dr Rajkumar Dhakar	Senior Scientist	<a href="mailto:raidhakar.iari@gmail.com">raidhakar.iari@gmail.com</a>
	Mr Mohd Jahangir	Lab Assistant (KRISHI)	<a href="mailto:mjahangir198@gmail.com">mjahangir198@gmail.com</a>
ICAR - ATARI	Dr Parvender Sheoran	Director ATARI (Zone-I) Ludhiana	<a href="mailto:zcu1ldh@gmail.com">zcu1ldh@gmail.com</a>
	Dr. J.P. Mishra	Director ATARI (Zone-II) Jodhpur	<a href="mailto:jp.mishra67@gov.in">jp.mishra67@gov.in</a>
	Dr S.K. Dubey	Director ATARI (Zone-III) Kanpur	<a href="mailto:zpdicarkanpur@gmail.com">zpdicarkanpur@gmail.com</a>
ICAR - IASRI	Dr Rajender Parsad	Director	<a href="mailto:rajender.parsad@icar.gov.in">rajender.parsad@icar.gov.in</a>

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](#)

\*\*\*