

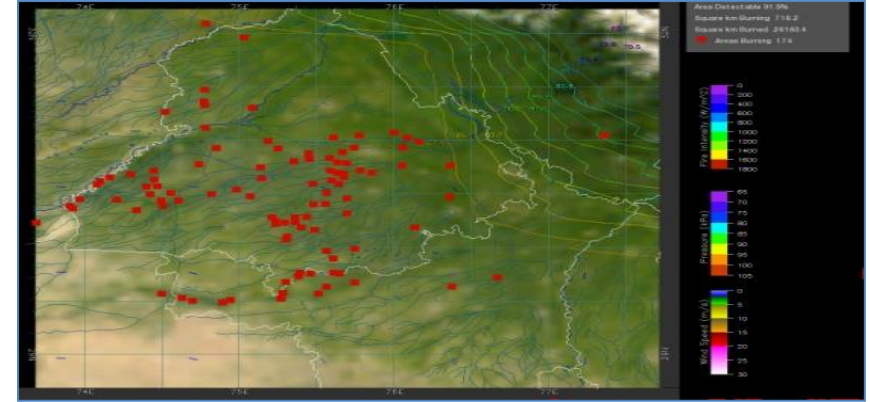
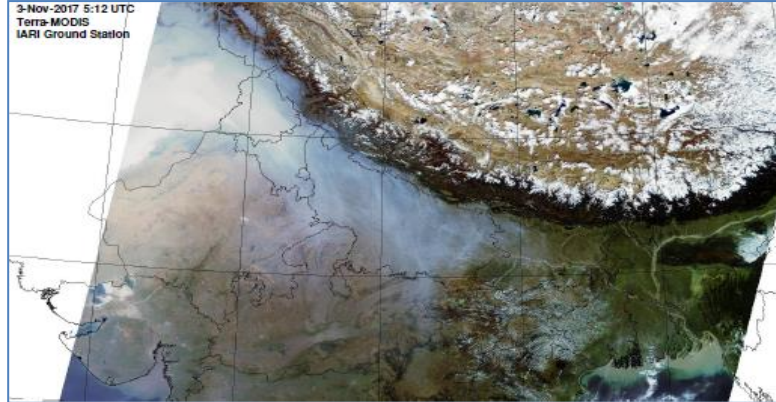


# MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2024

Bulletin  
No. 54

Events Date:  
07-Nov-2024

Issued on:  
08-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

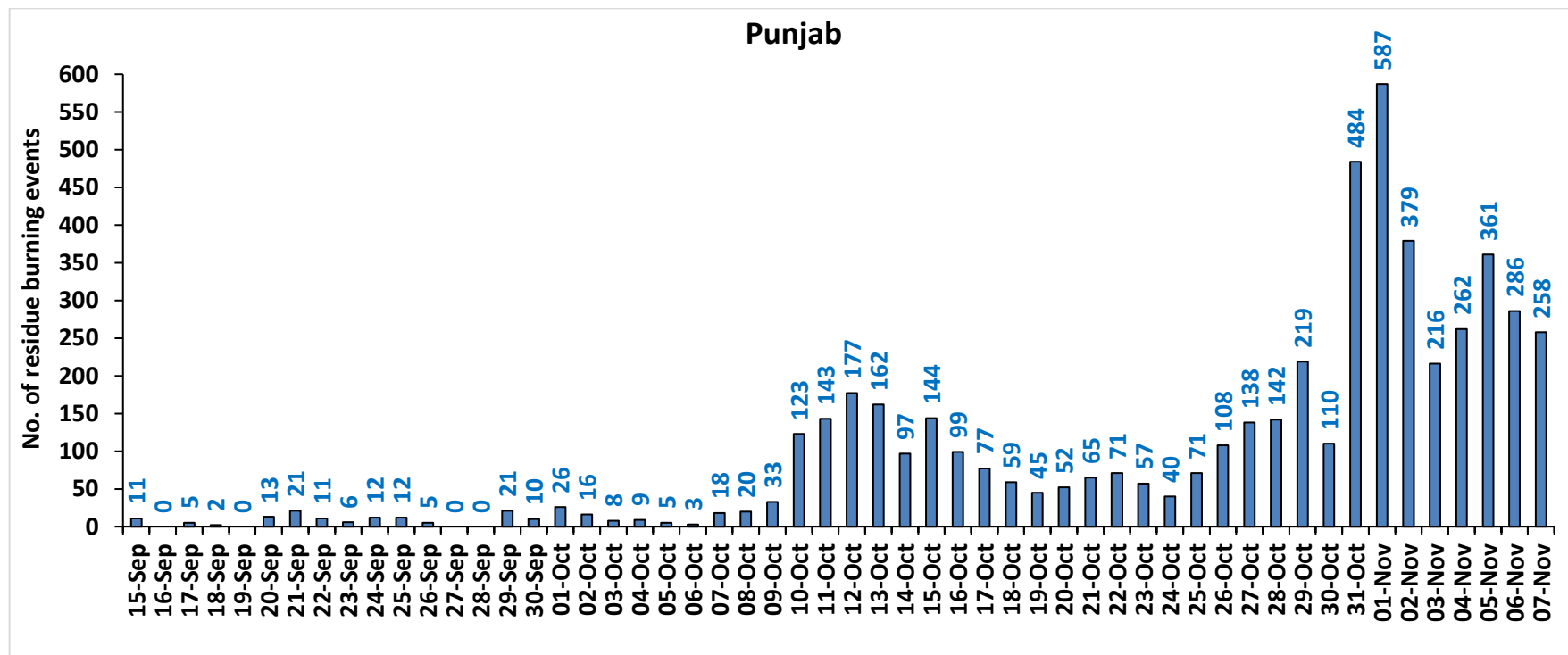
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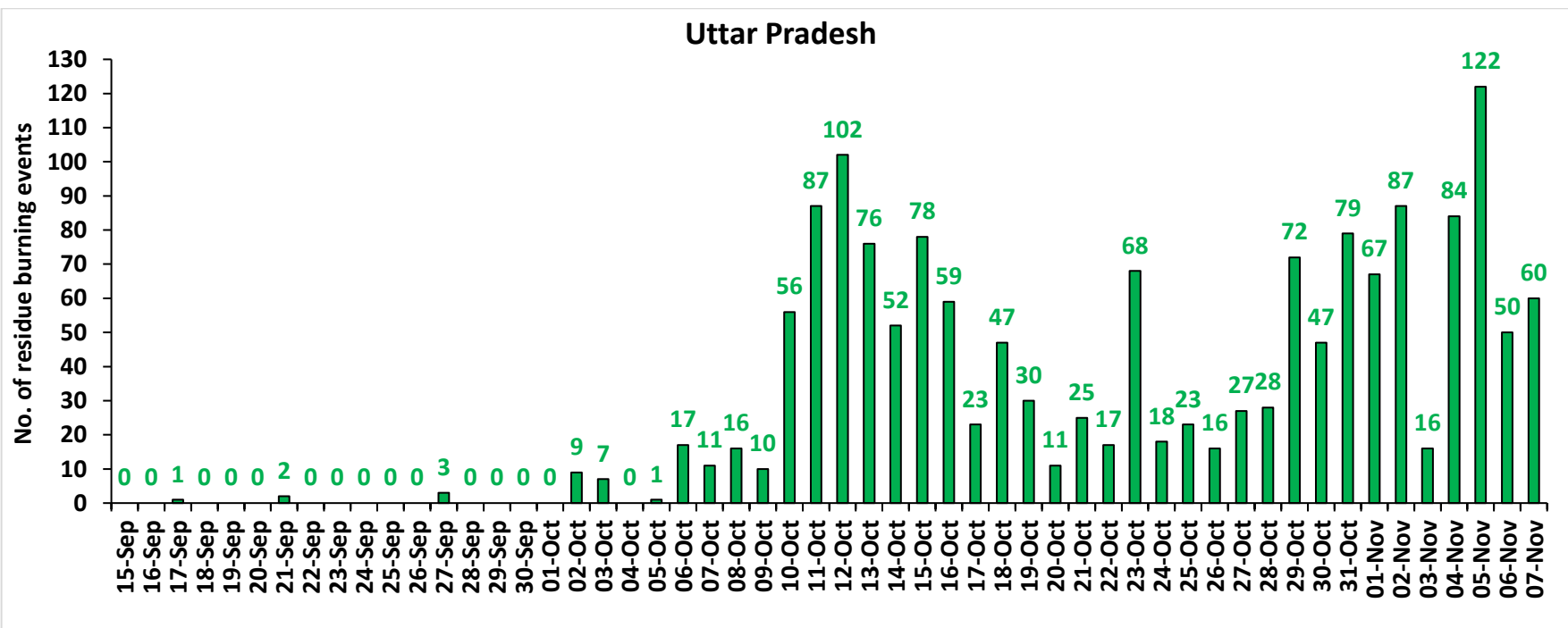
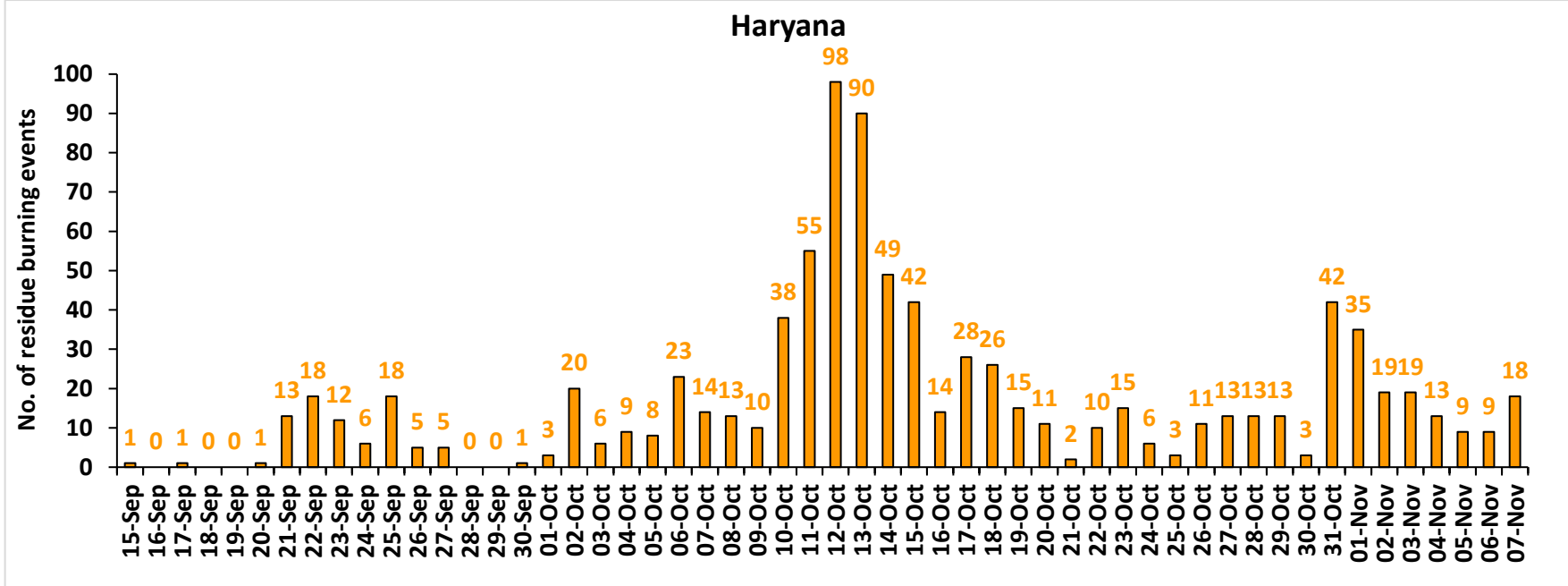


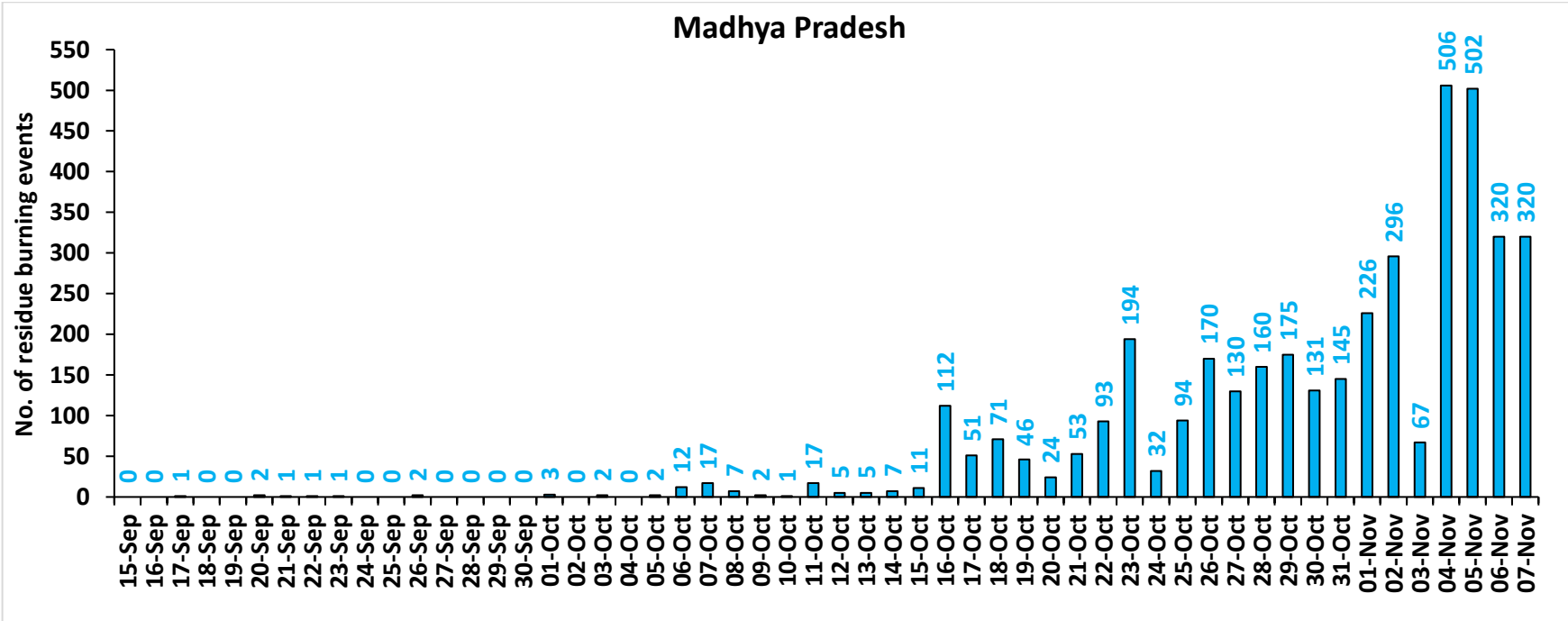
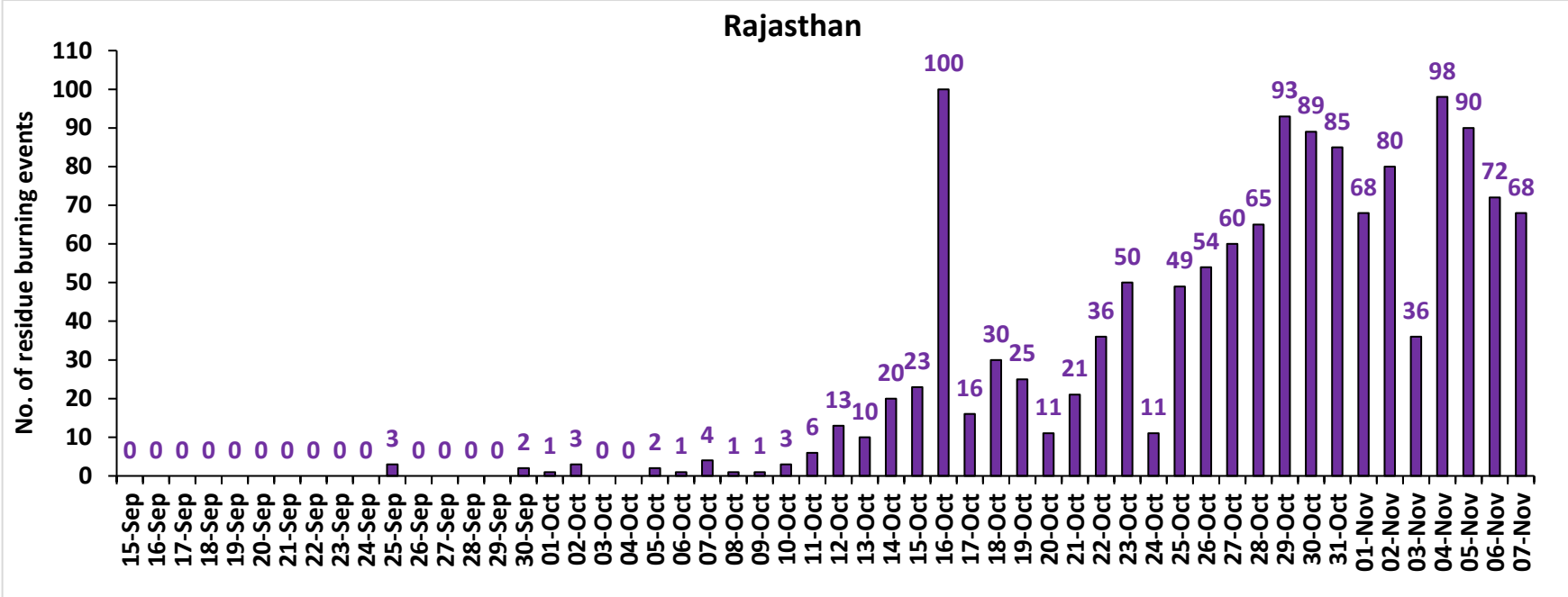
## Highlights for 07-Nov-2024

- 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 - VIIRS)** satellite due to mission side issue since **03-Nov-2024** and being substituted by data from **JPSS-1 (NOAA-20 VIIRS)** satellite.
- Satellites detected **724** residue burning events in the six study States on **07-Nov-2024**.
- The state wise events detected on **07-Nov-2024** were **258** in Punjab, **18** in Haryana, **60** in UP, **00** in Delhi, **68** in Rajasthan and **320** in MP.
- Total **13238** burning events were detected in the six states between **15-Sept-2024** and **07-Nov-2024**, which are distributed as **5299**, **906**, **1604**, **12**, **1400** and **4017** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

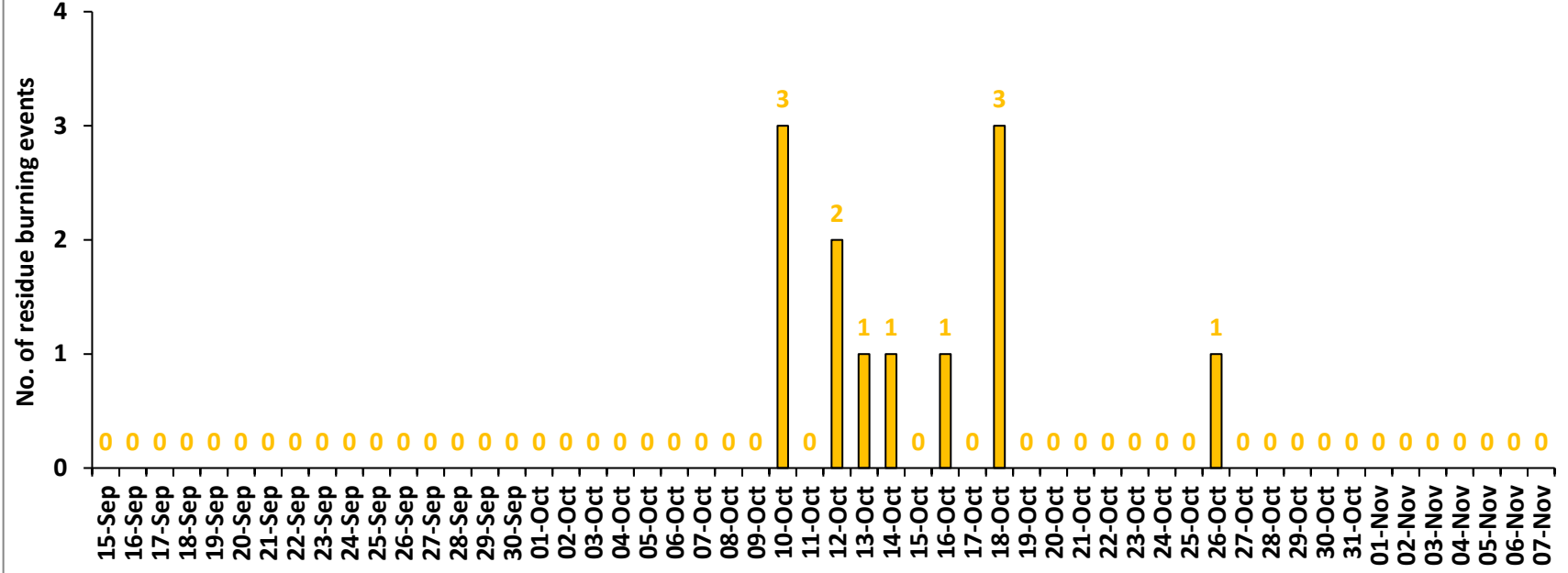
### Temporal distribution of rice residue burning events for the study States in 2024



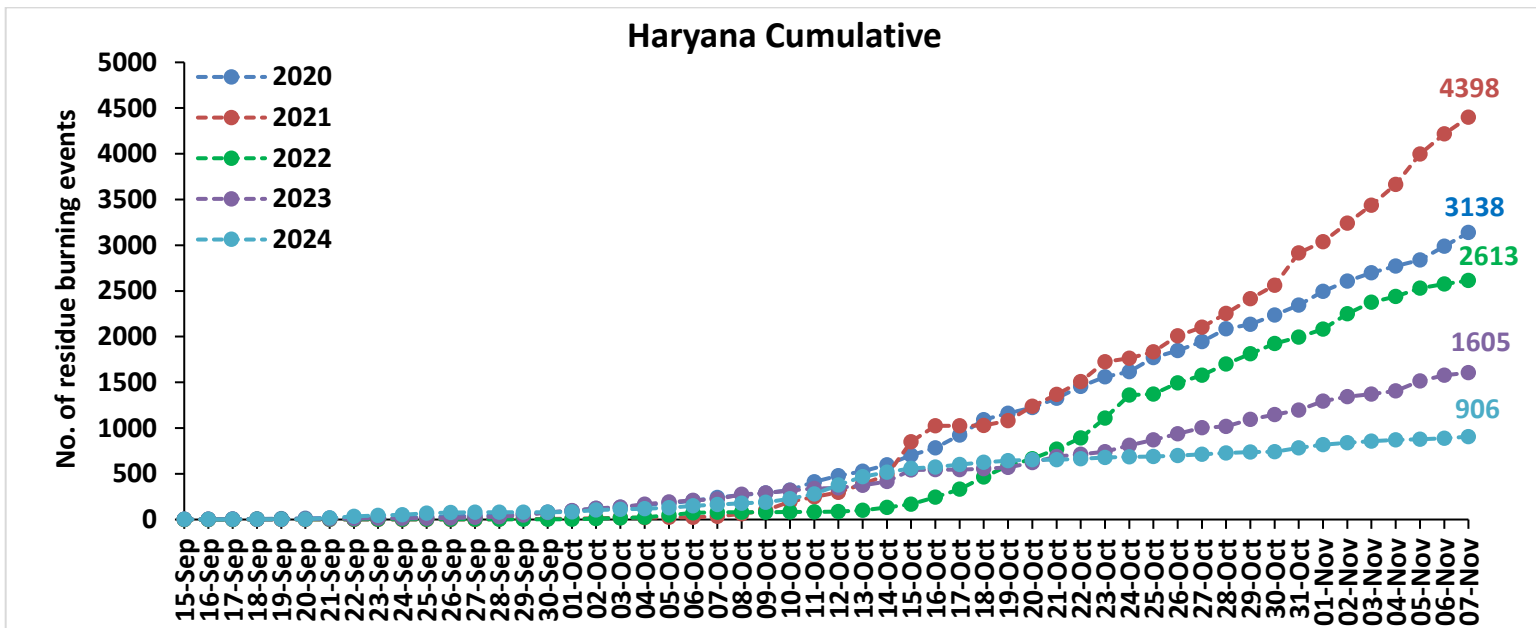
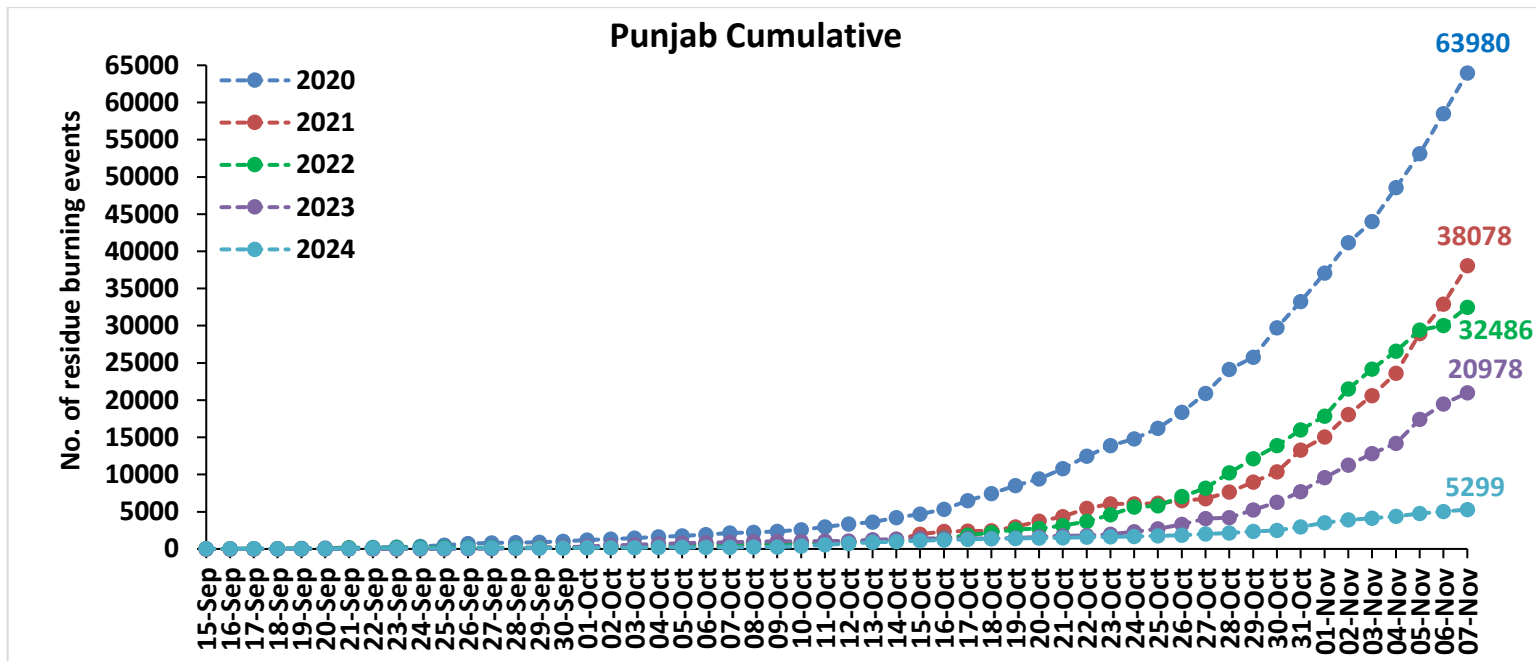


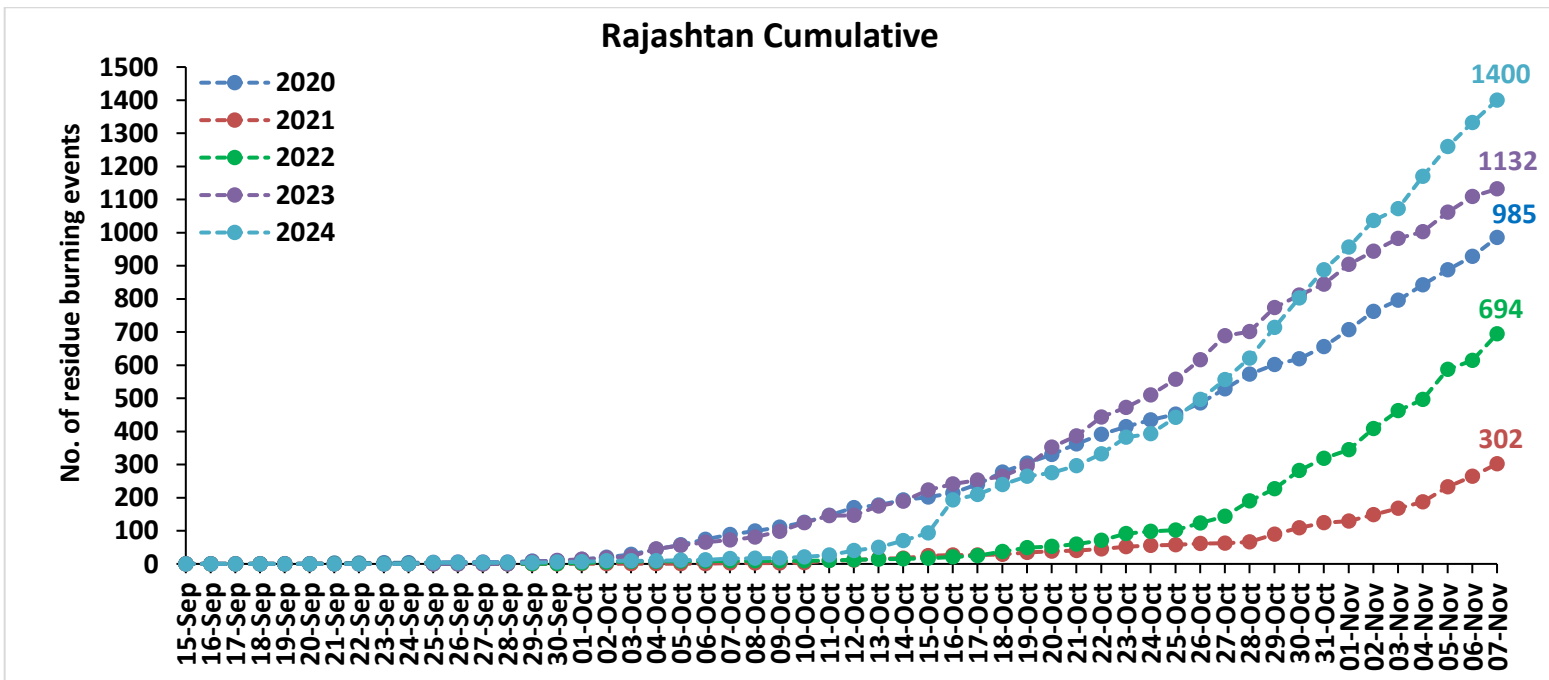
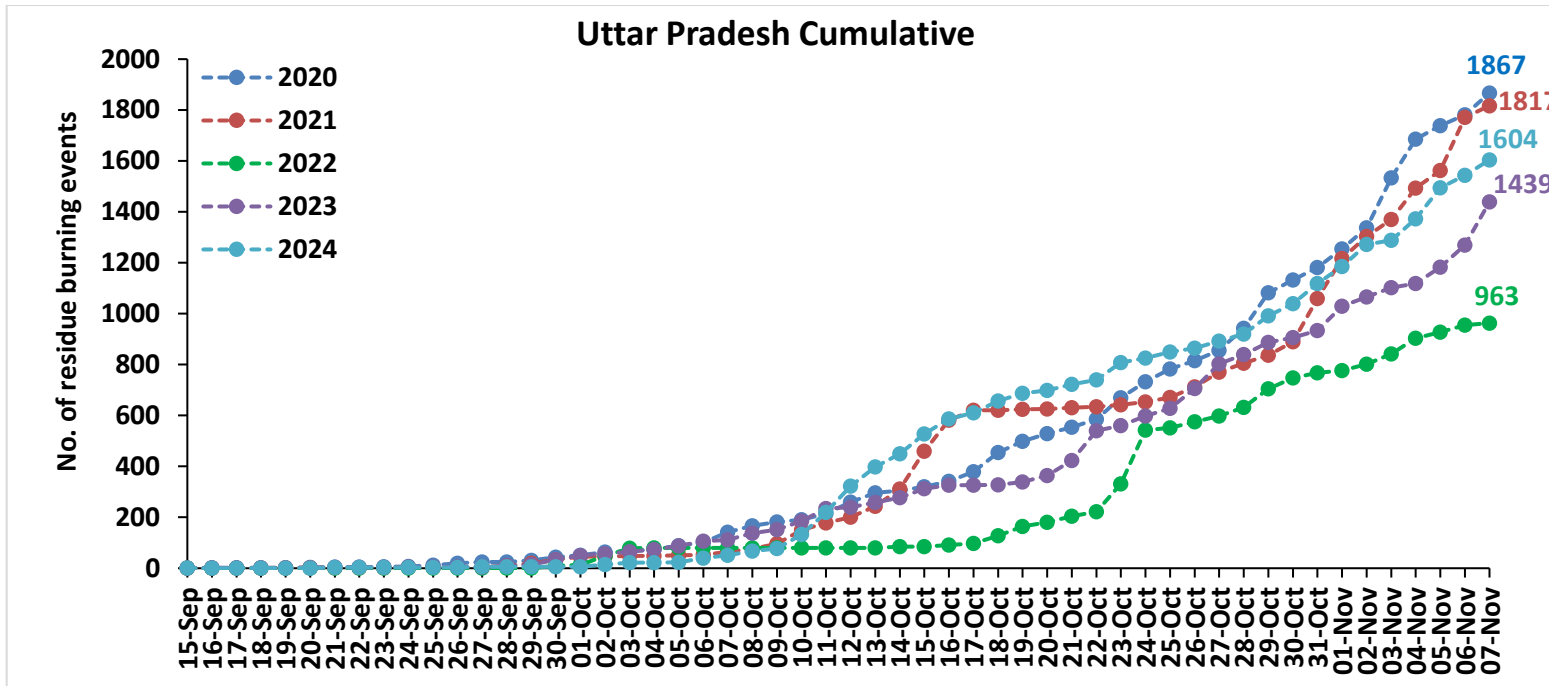


# Delhi

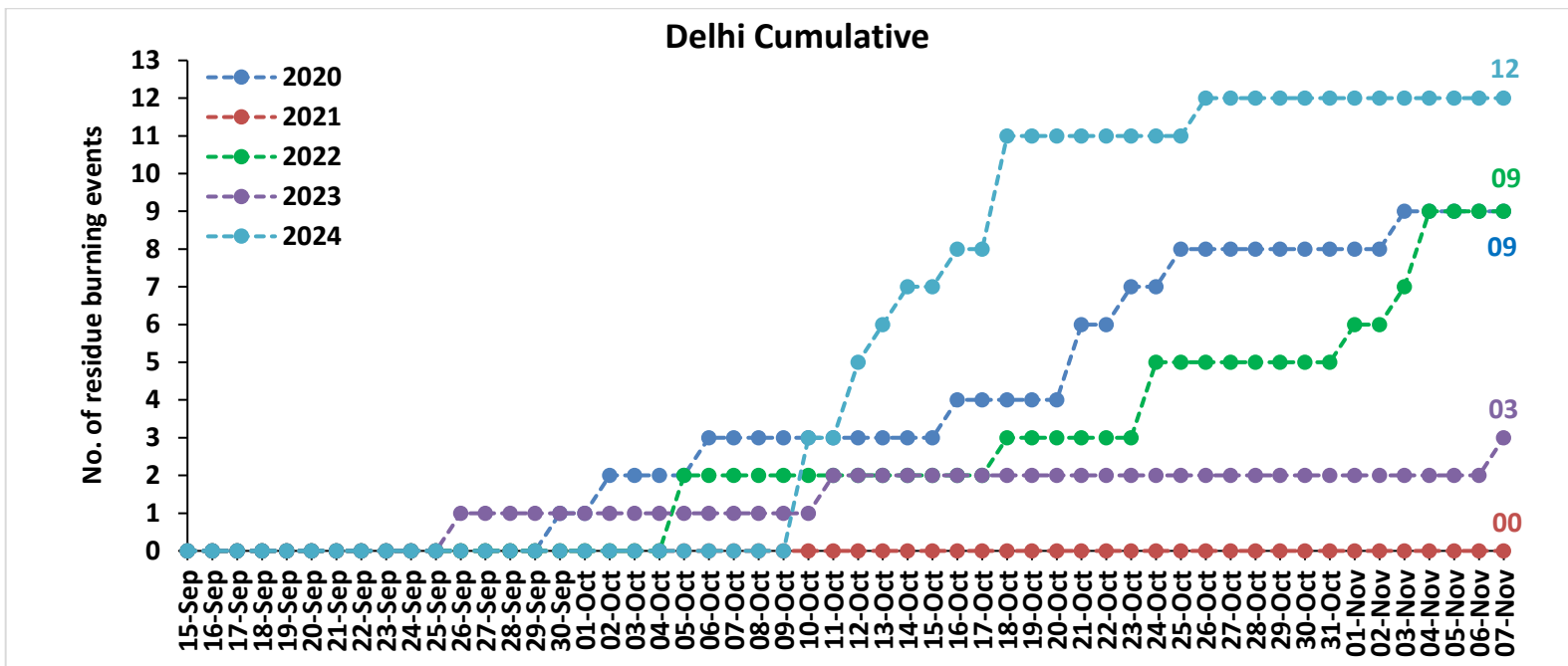
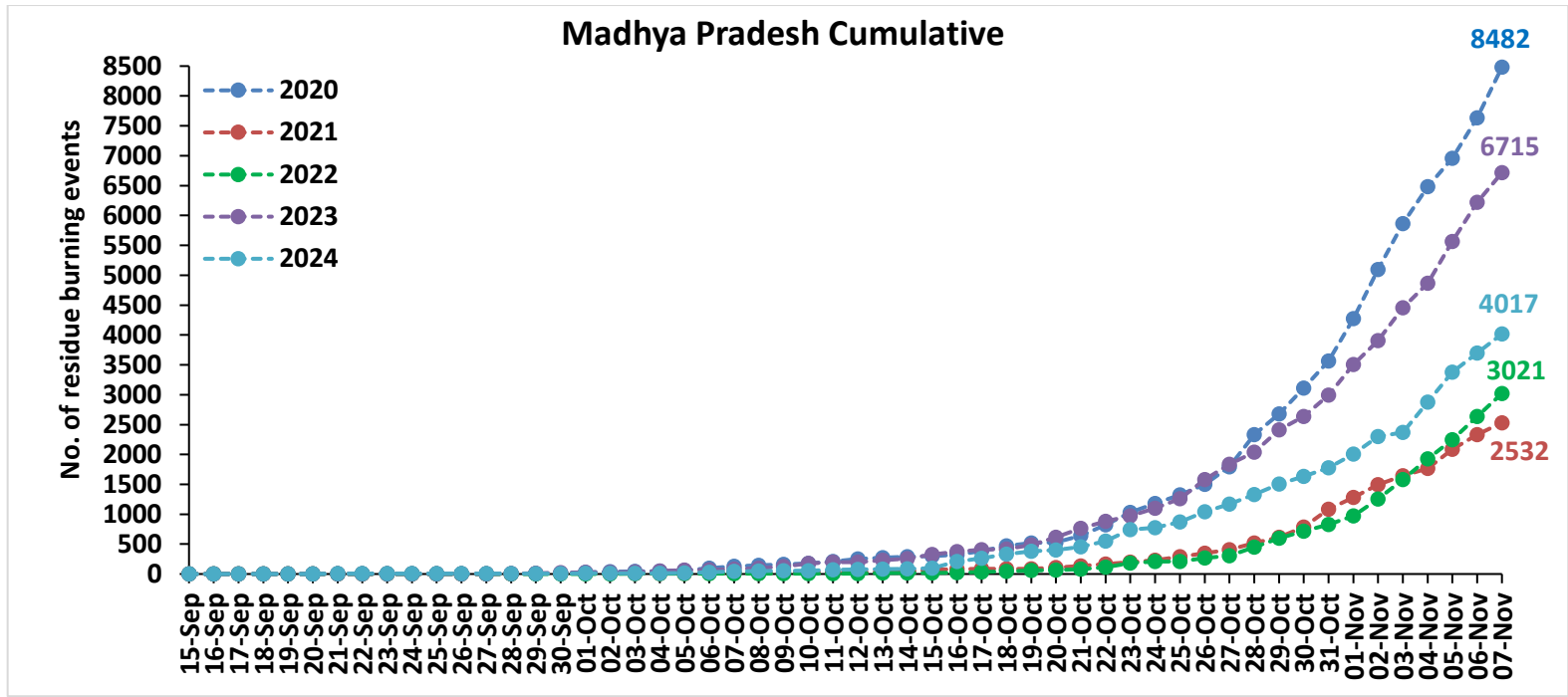


**Comparison of residue burning events in current year (2024) with previous years (2020, 2021, 2022 and 2023) for the study States**



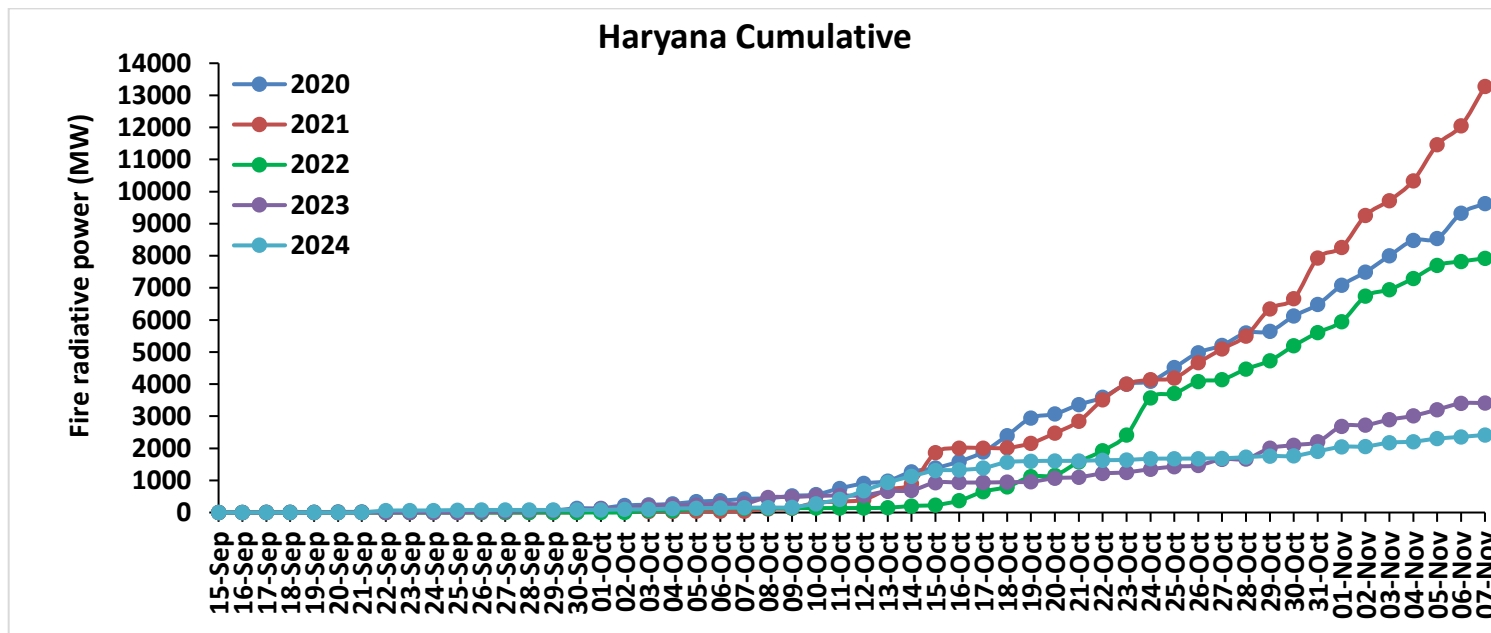
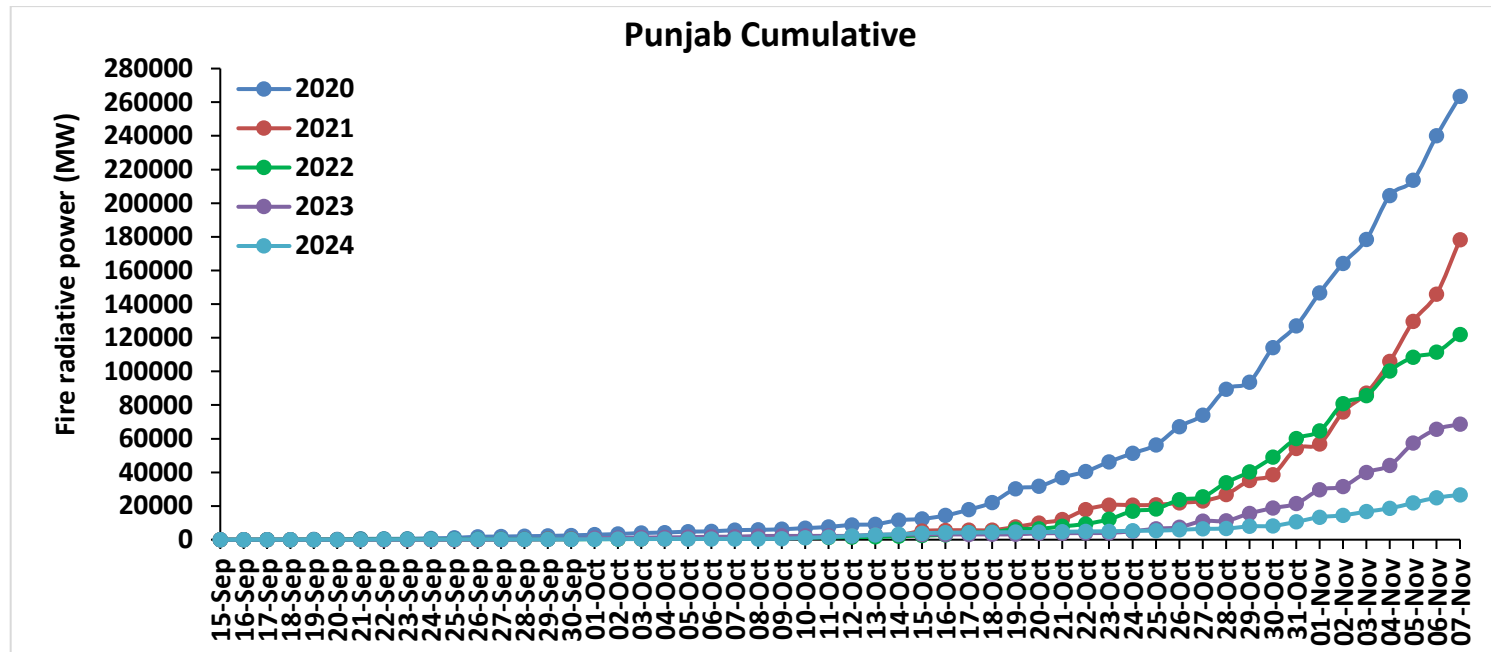


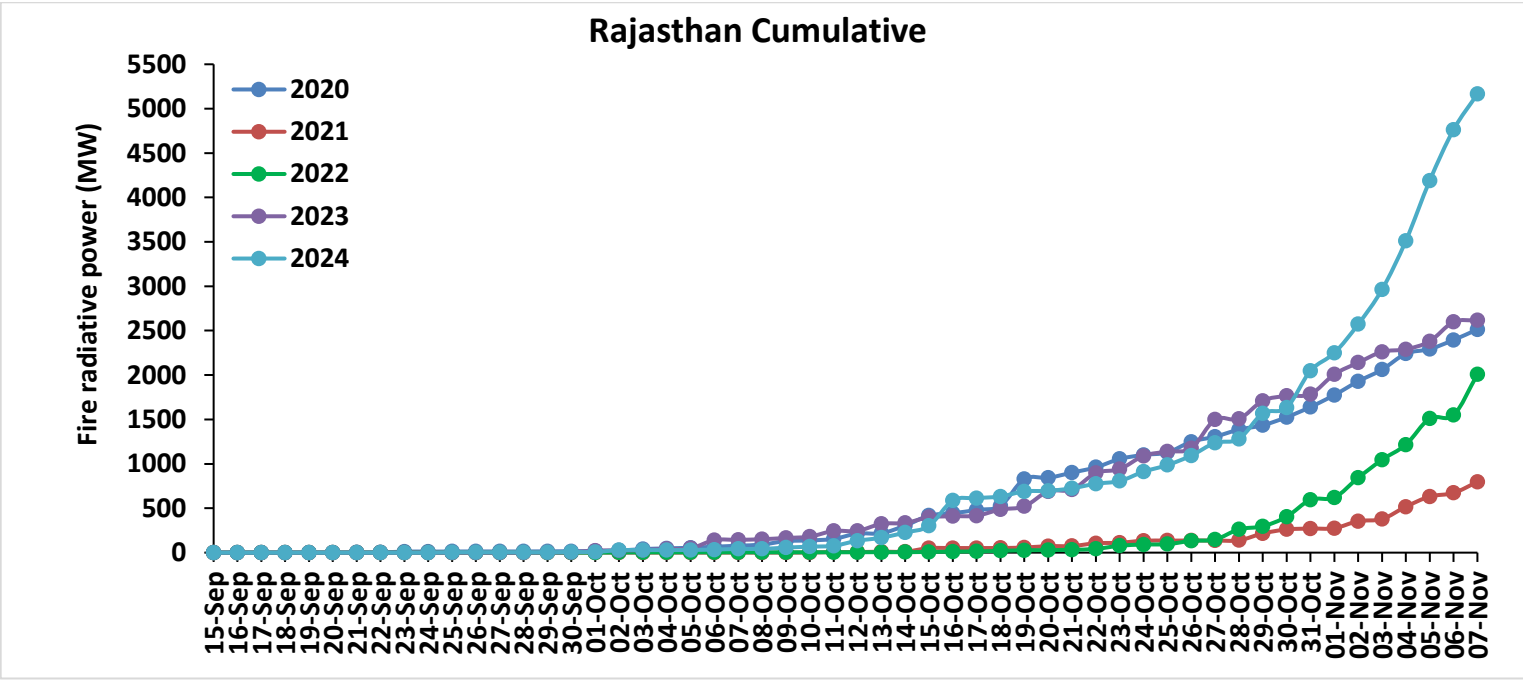
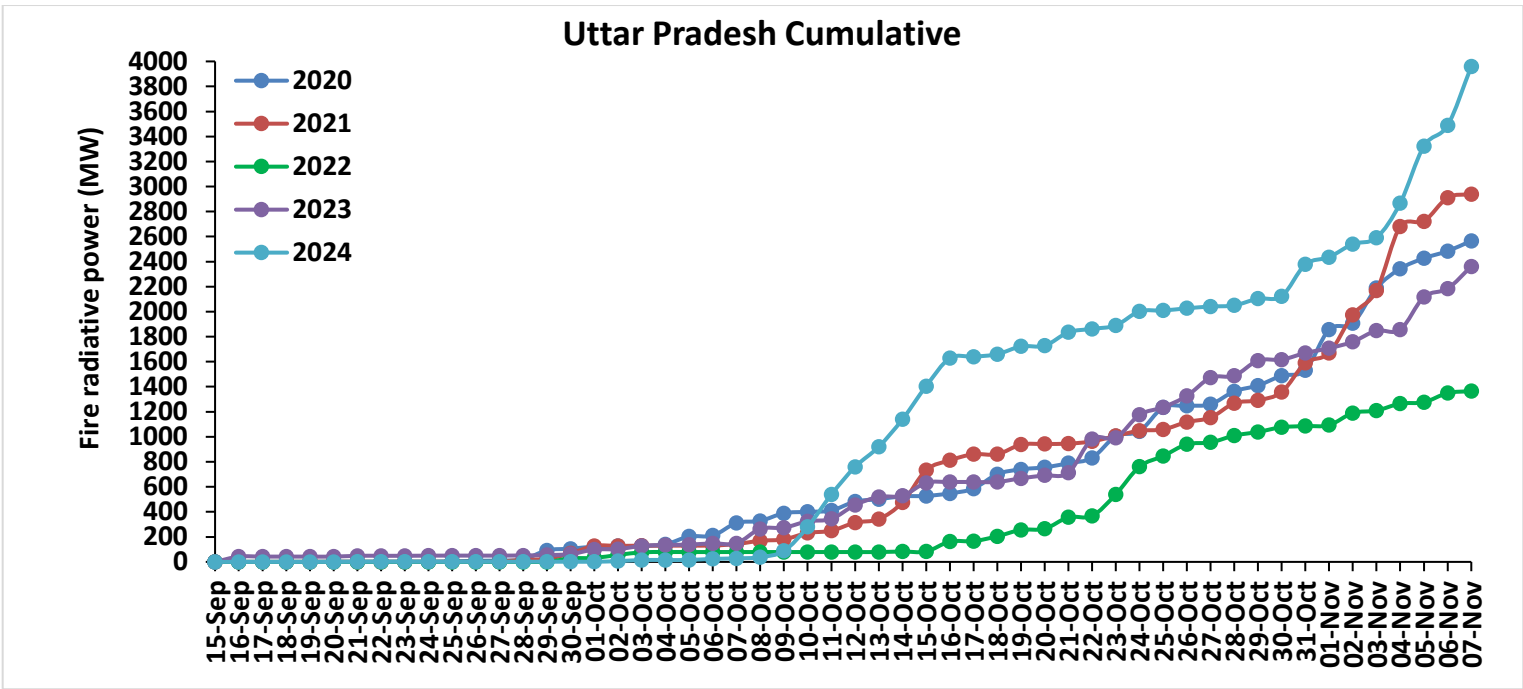


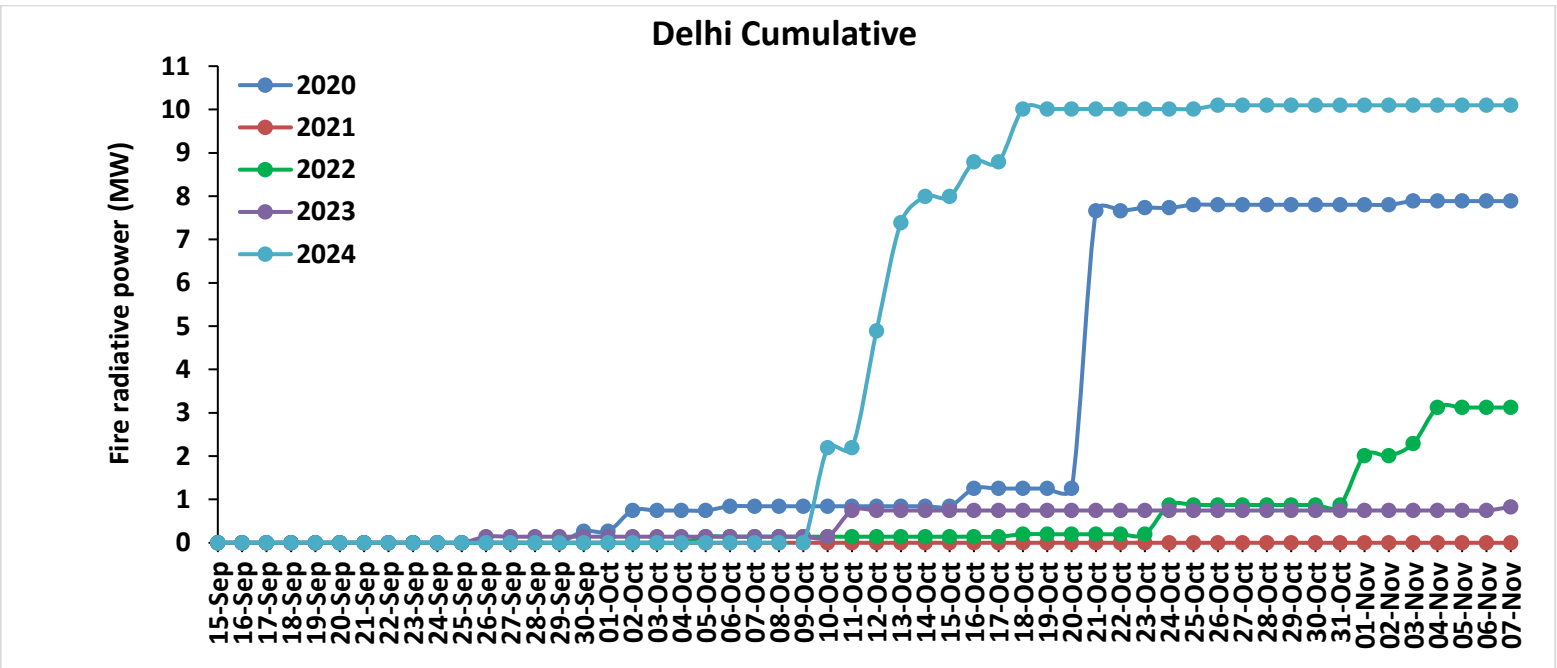
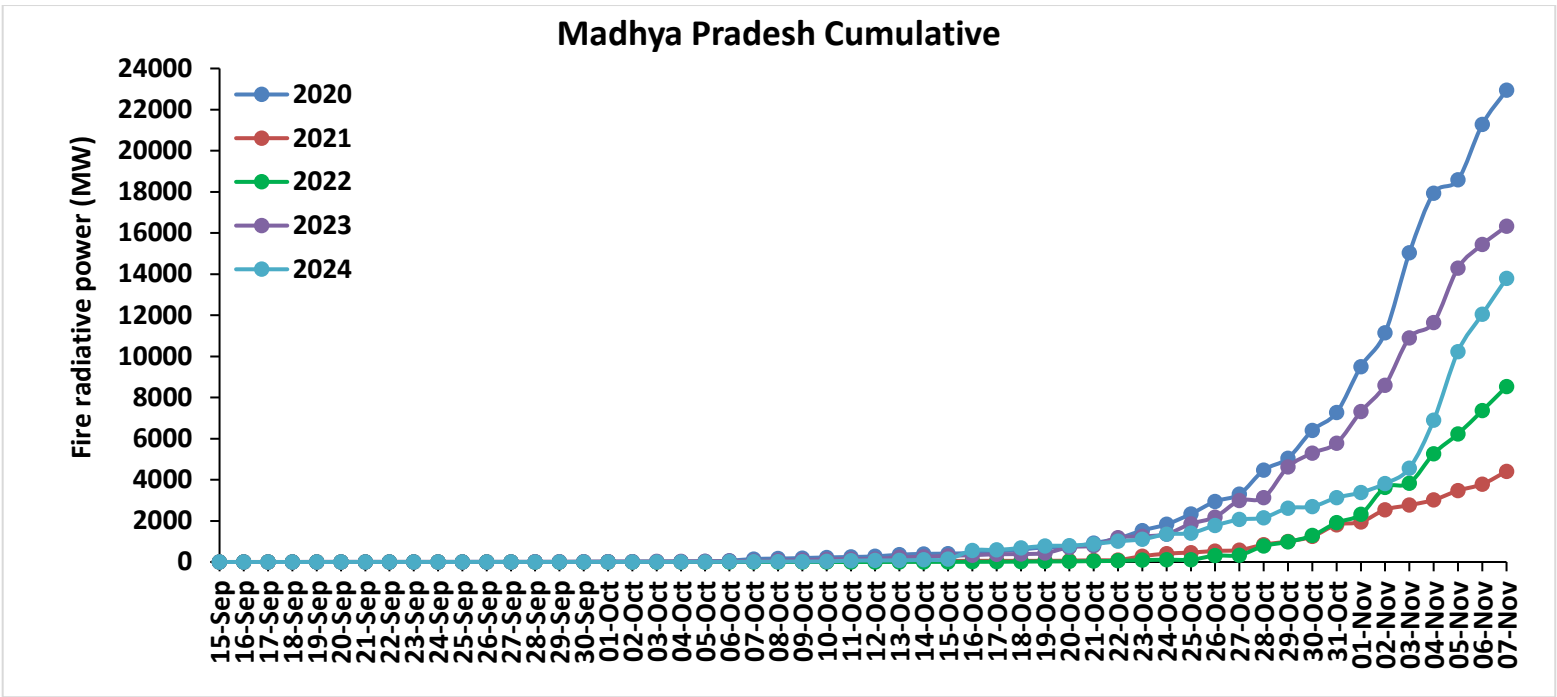




**Comparison of residue burning fire power in current year (2024) with previous years (2020,2021,2022 and 2023) for the study States**

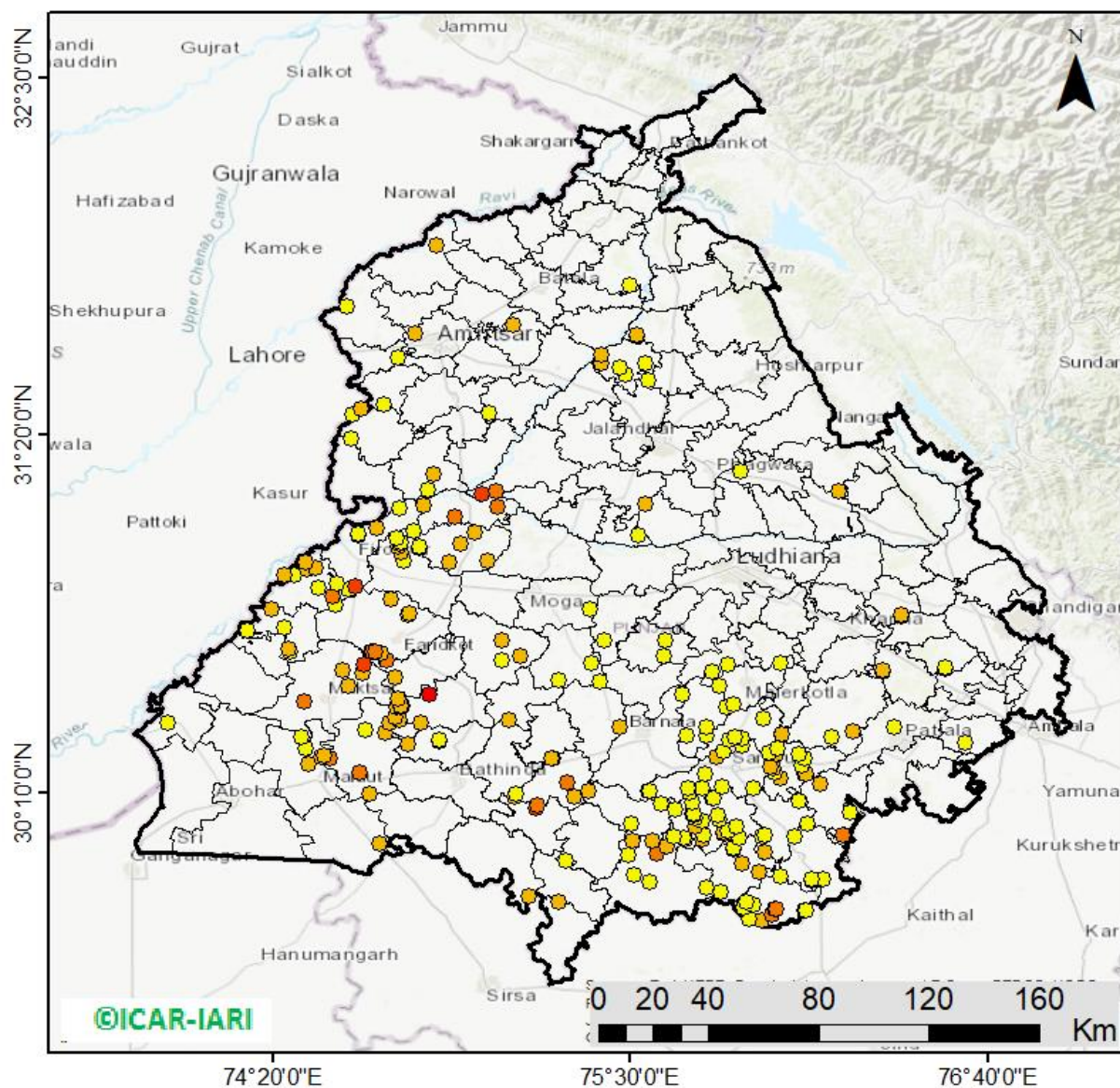






## Punjab

### RICE RESIDUE BURNING IN PUNJAB



**258** burning events  
detected in Punjab during  
(07th Nov 2024)

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

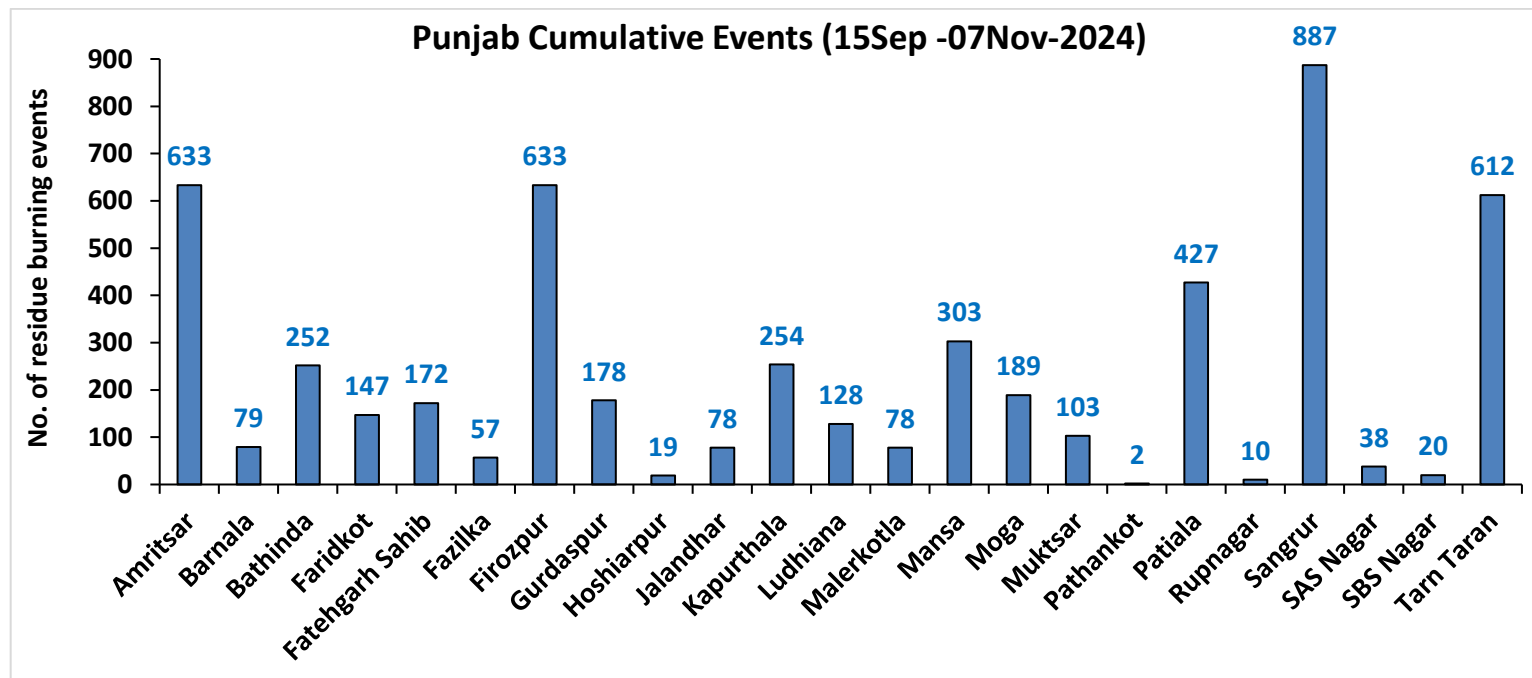
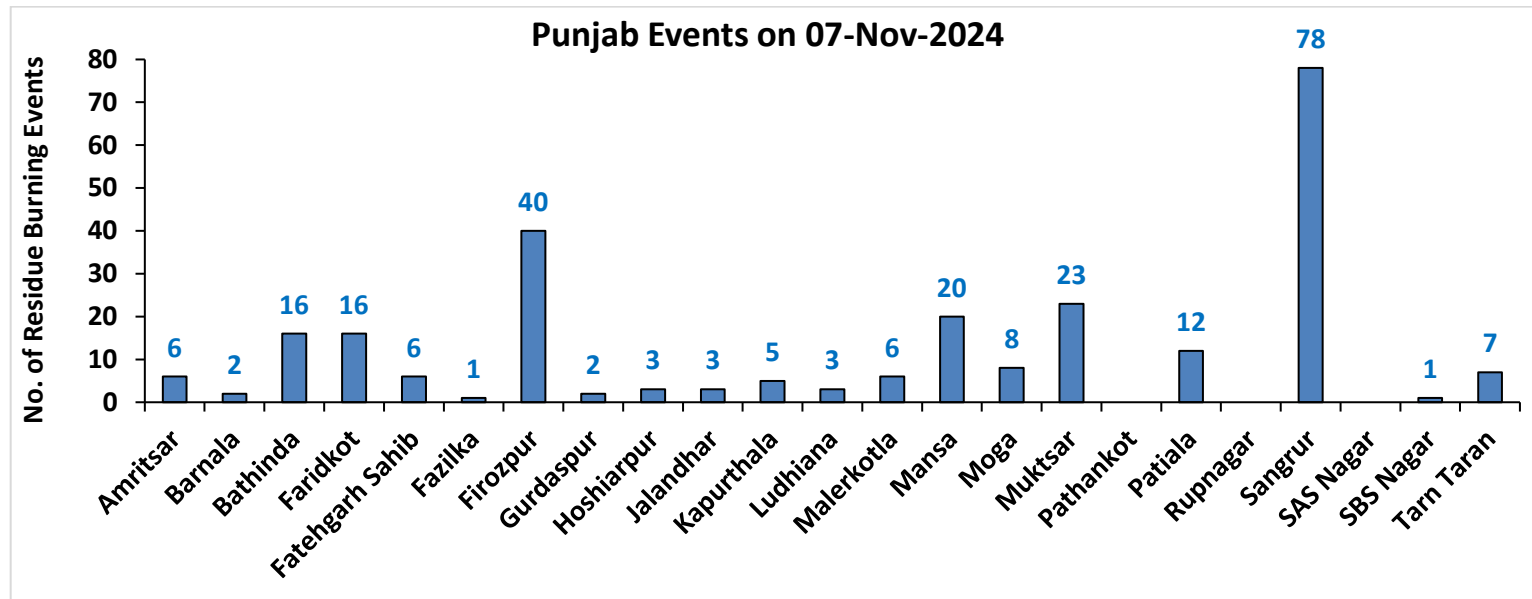
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



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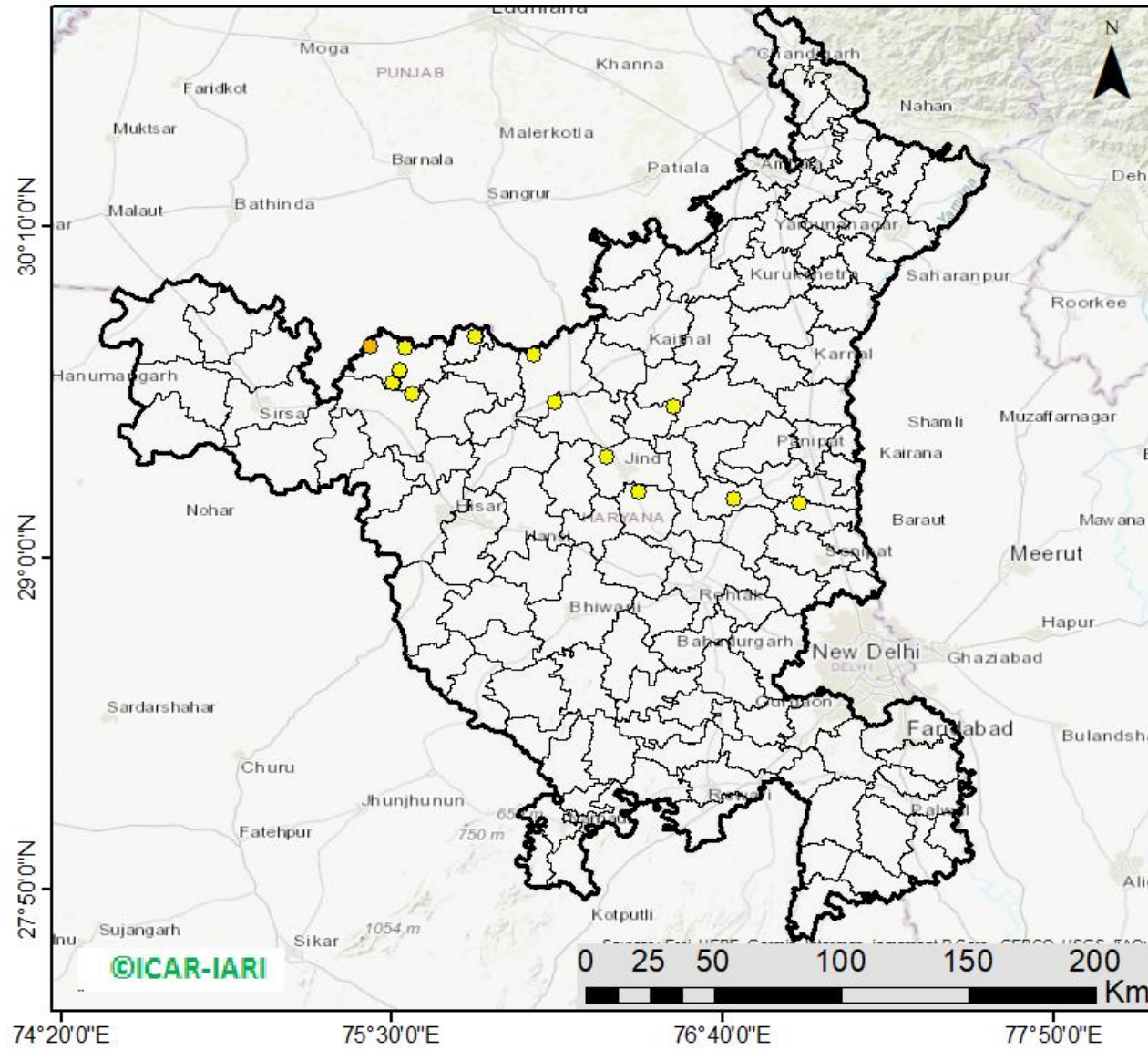
## District-wise cumulative number of residues burning events in Punjab (15Sep-07Nov-2024)





# Haryana

## RICE RESIDUE BURNING IN HARYANA



**18** burning events detected in Haryana on (07th Nov 2024)

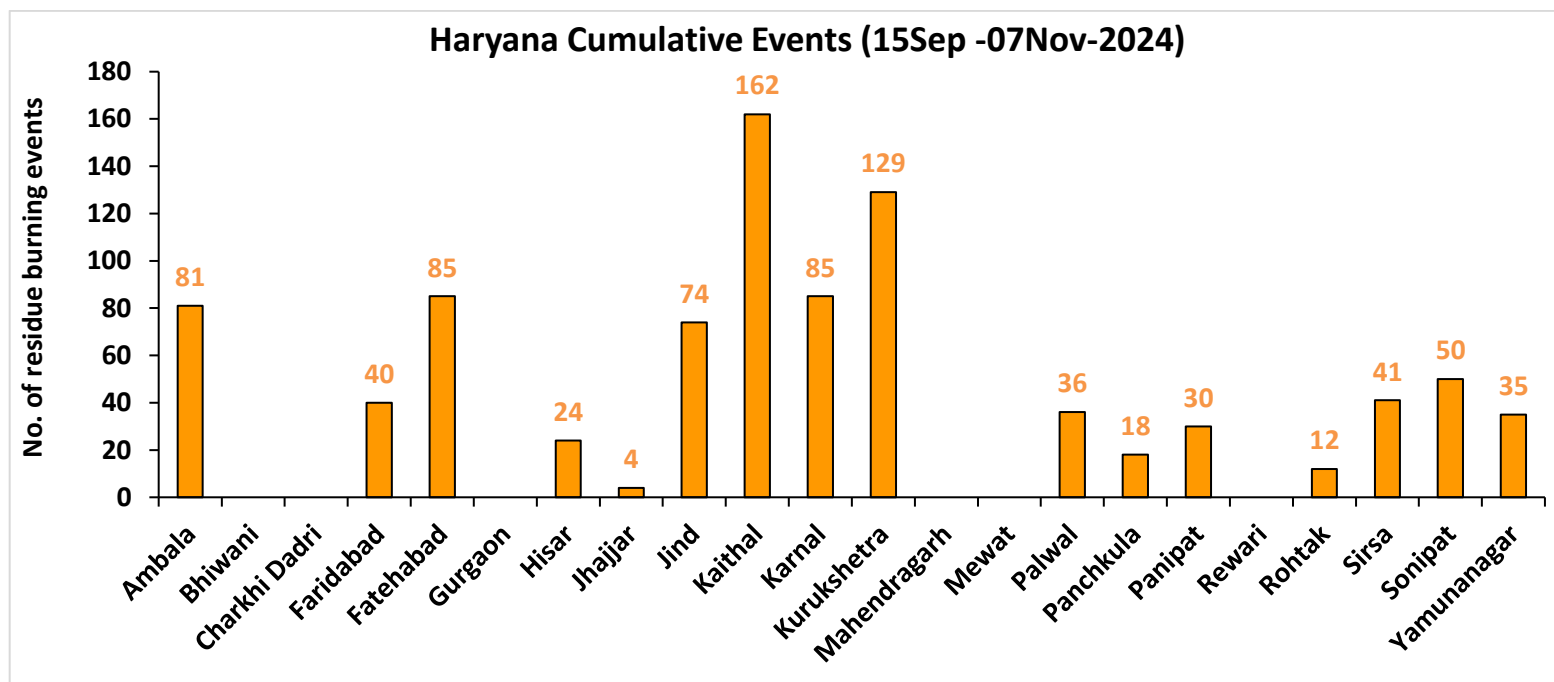
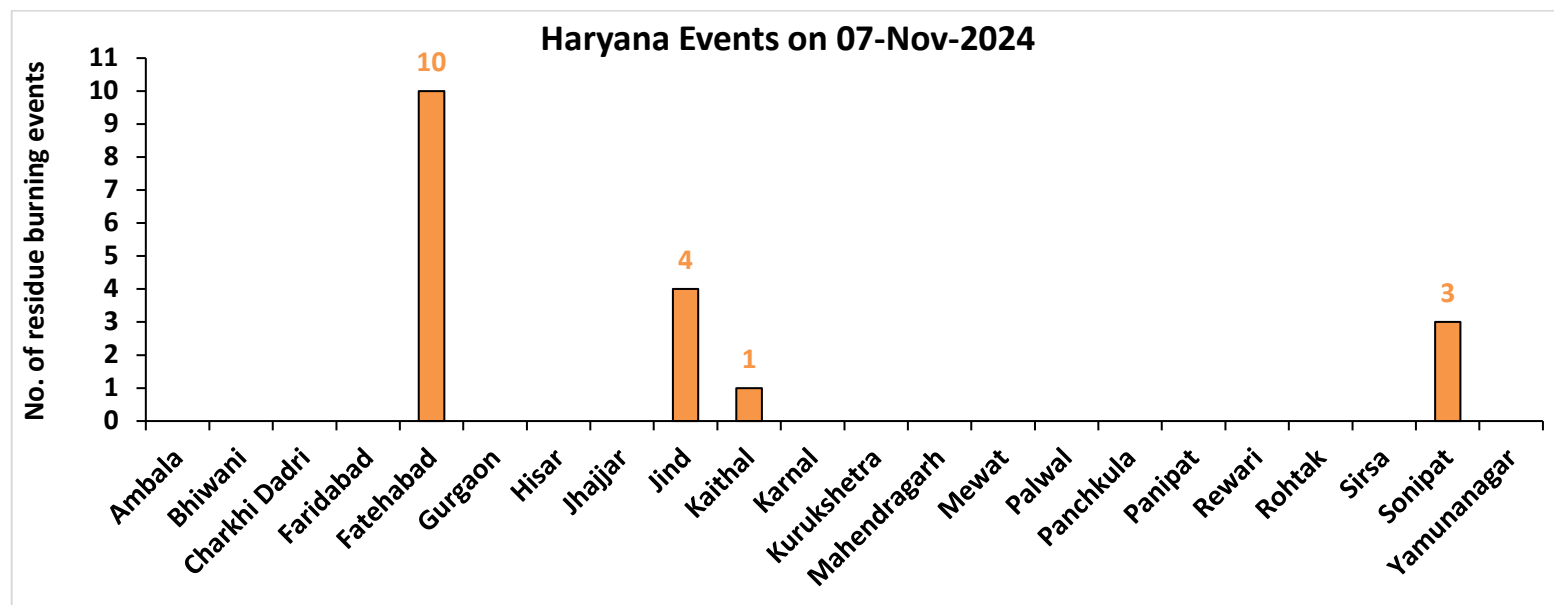
### Fire Intensity (W/m<sup>2</sup>)

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



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

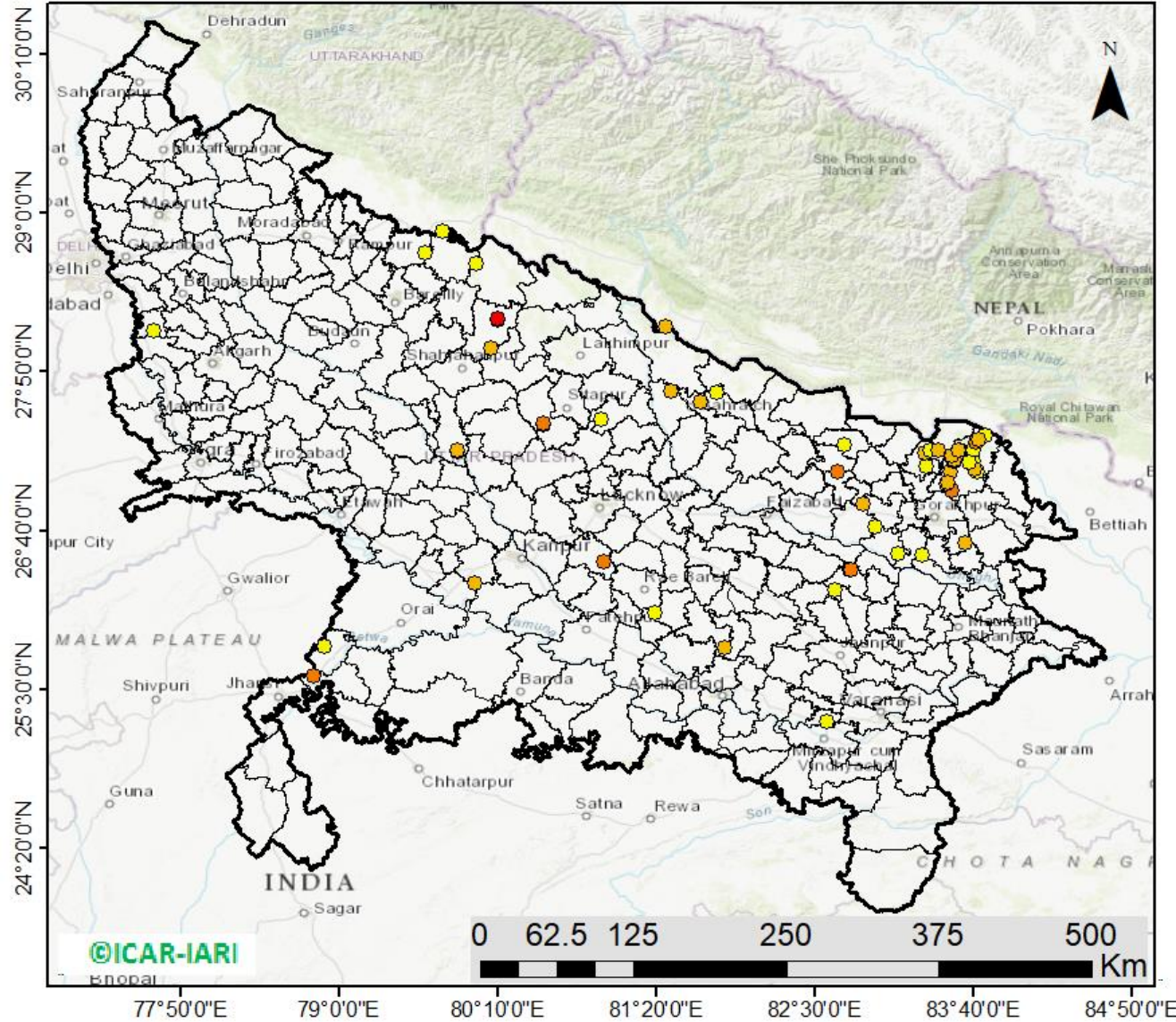
## District-wise cumulative number of residues burning events in Haryana (15Sep-07Nov-2024)





Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



60 burning events detected in Uttar Pradesh on (07th Nov 2024)

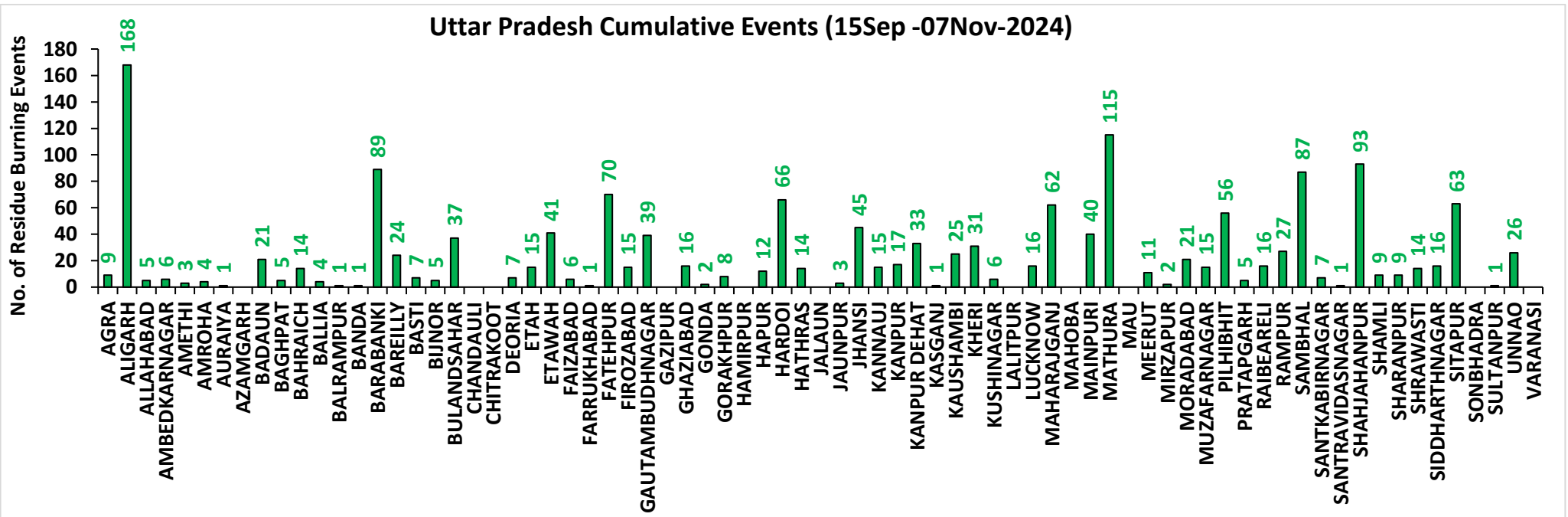
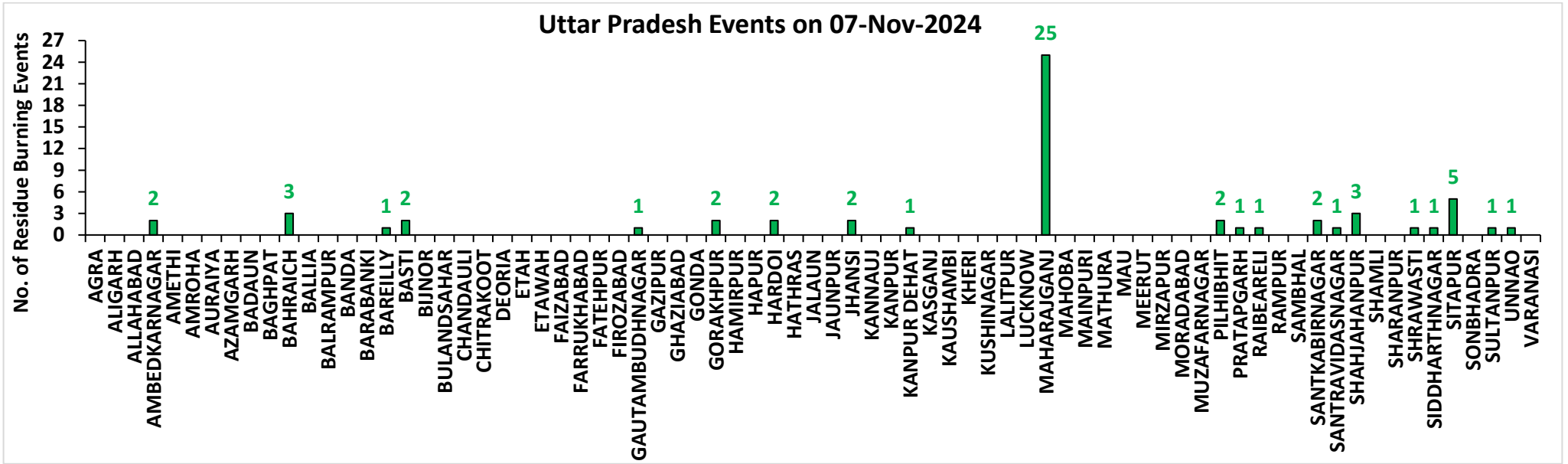
Fire Intensity (W/m2)

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



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

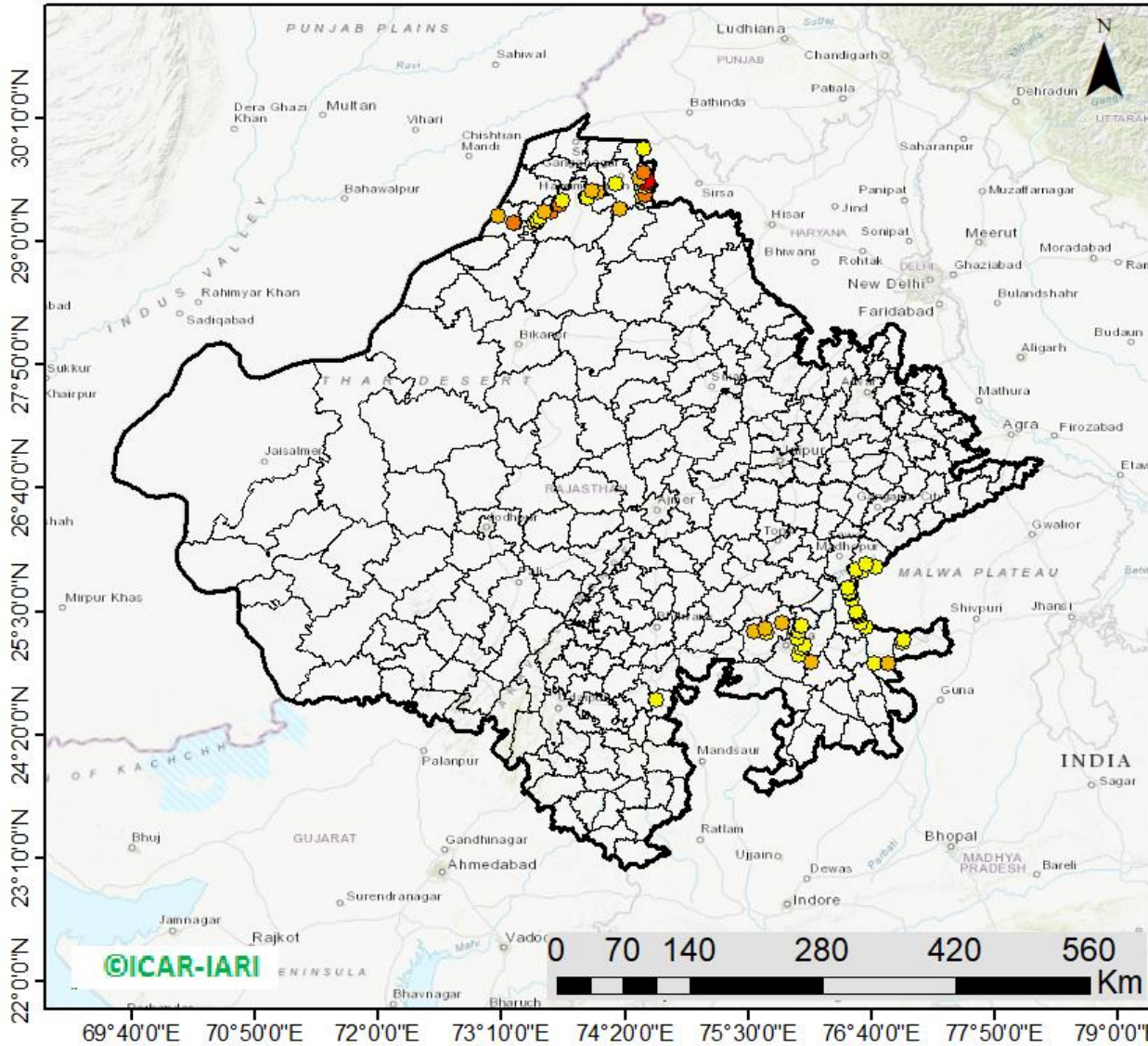
## District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-07Nov-2024)





# Rajasthan

## RICE RESIDUE BURNING IN RAJASTHAN



**68** burning events  
detected in Rajasthan on  
**(07th Nov 2024)**

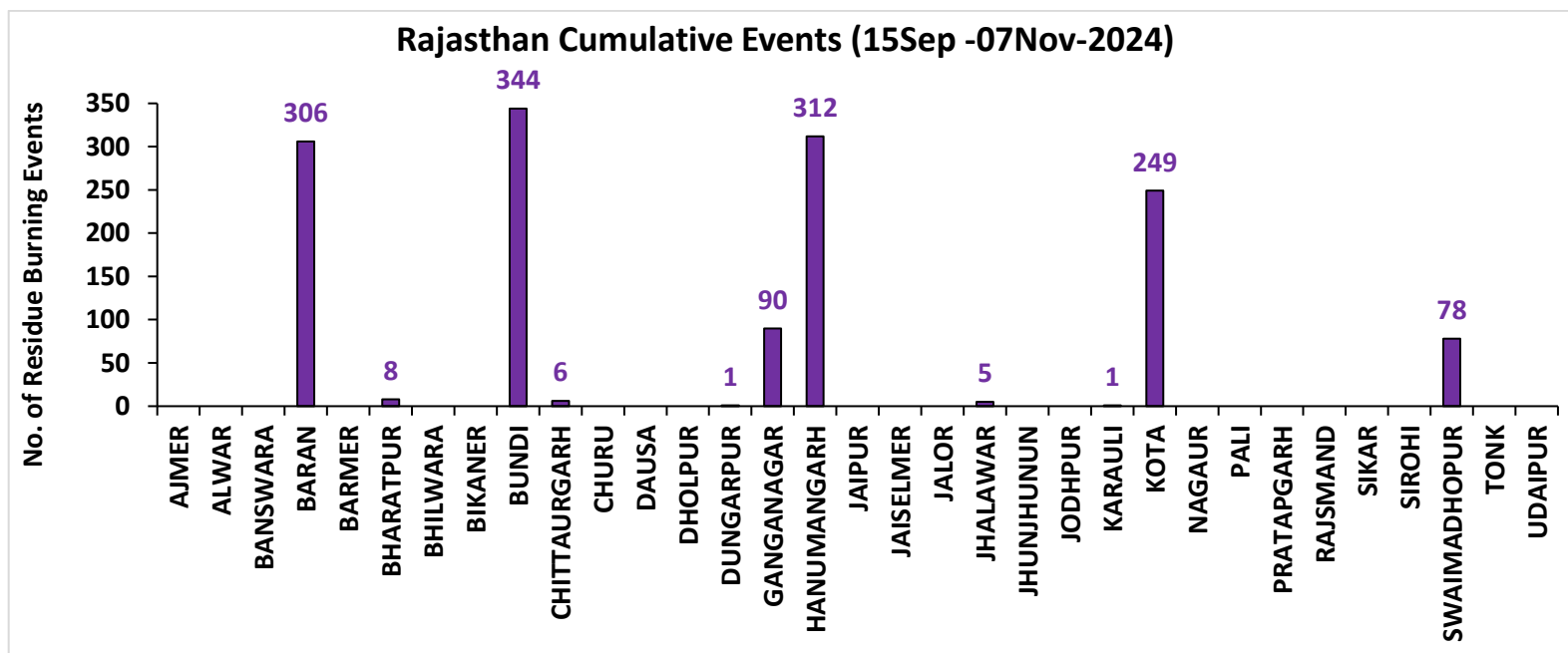
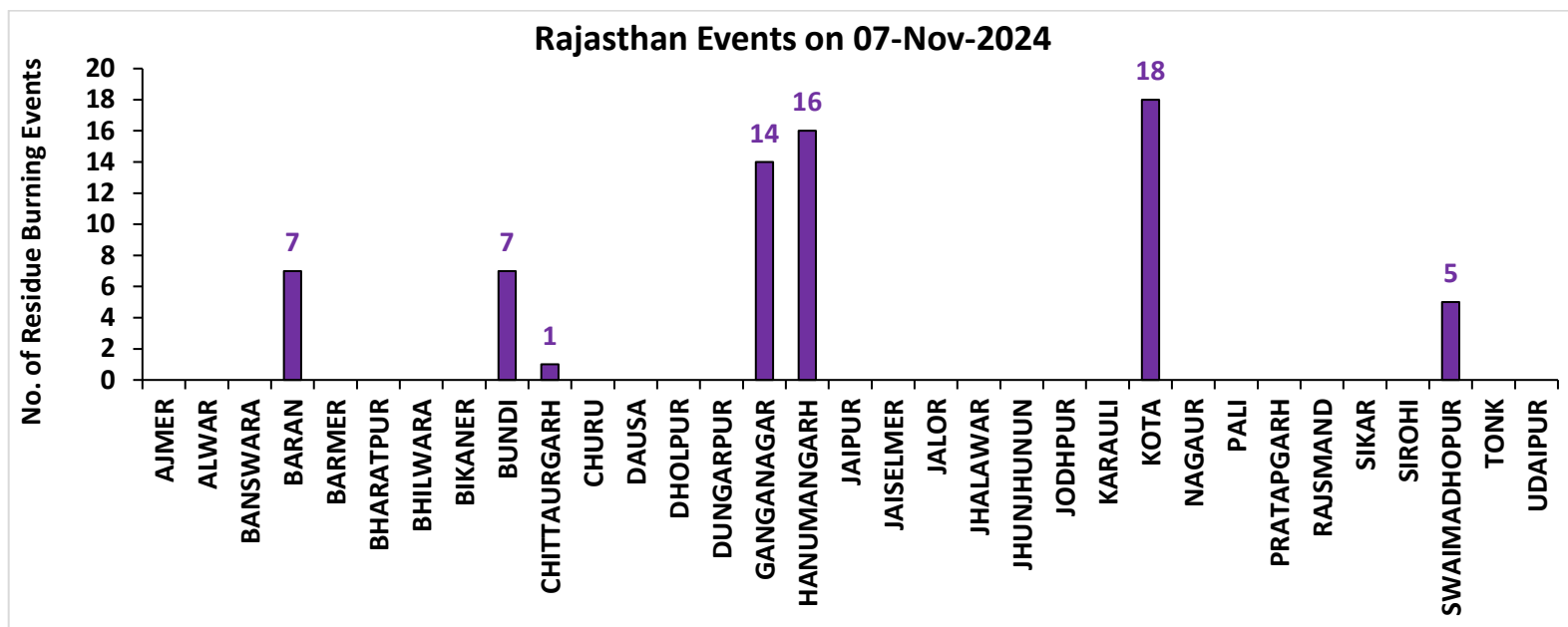
### Fire Intensity (W/m<sup>2</sup>)

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



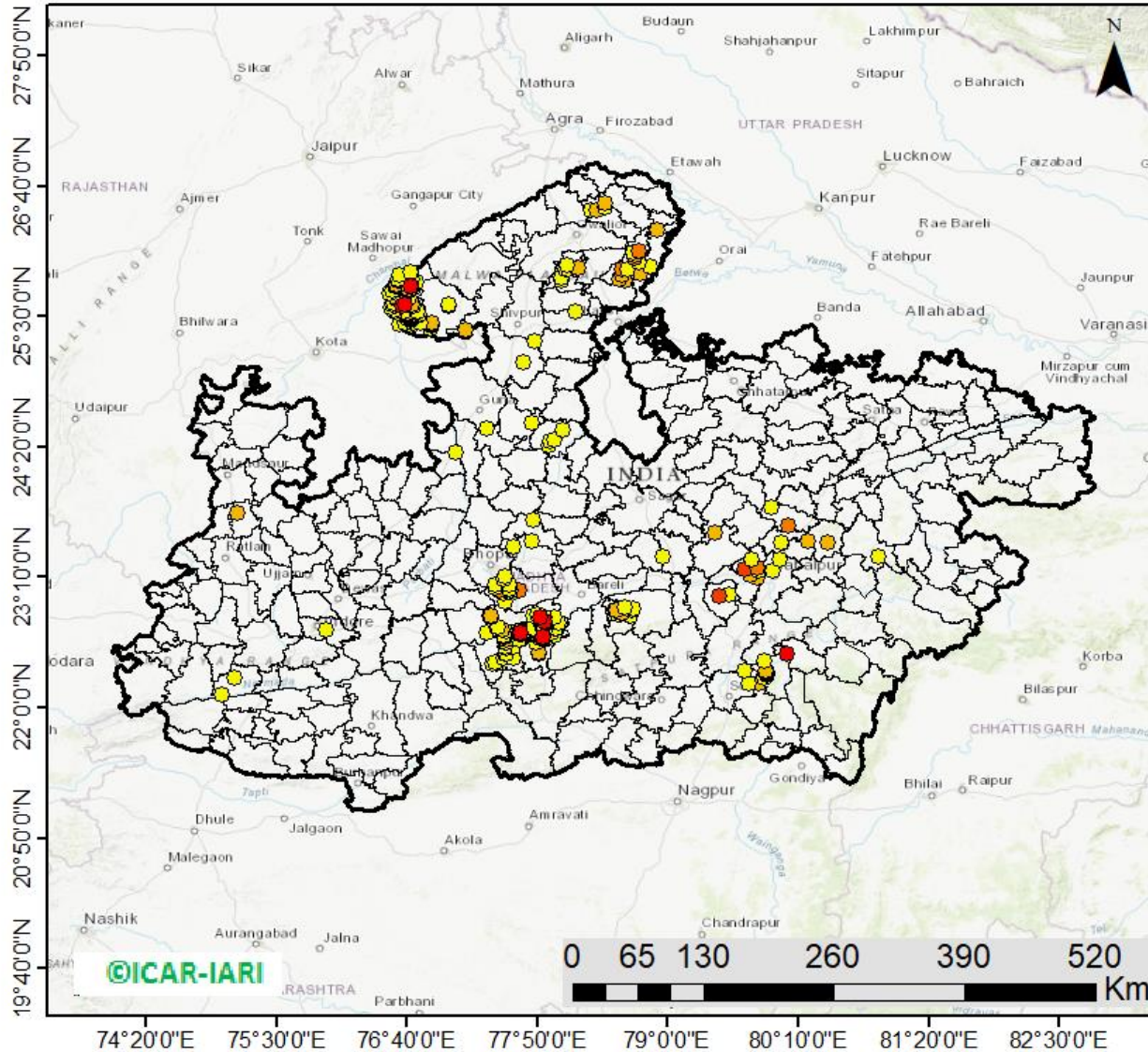
[http://103.111.37.126/icar\\_geportal/](http://103.111.37.126/icar_geportal/)

## District-wise cumulative number of residues burning events in Rajasthan (15Sep-07Nov-2024)



# Madhya Pradesh

## RICE RESIDUE BURNING IN MADHYA PRADESH



**320** burning events  
detected in MP on  
(07th Nov 2024)

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

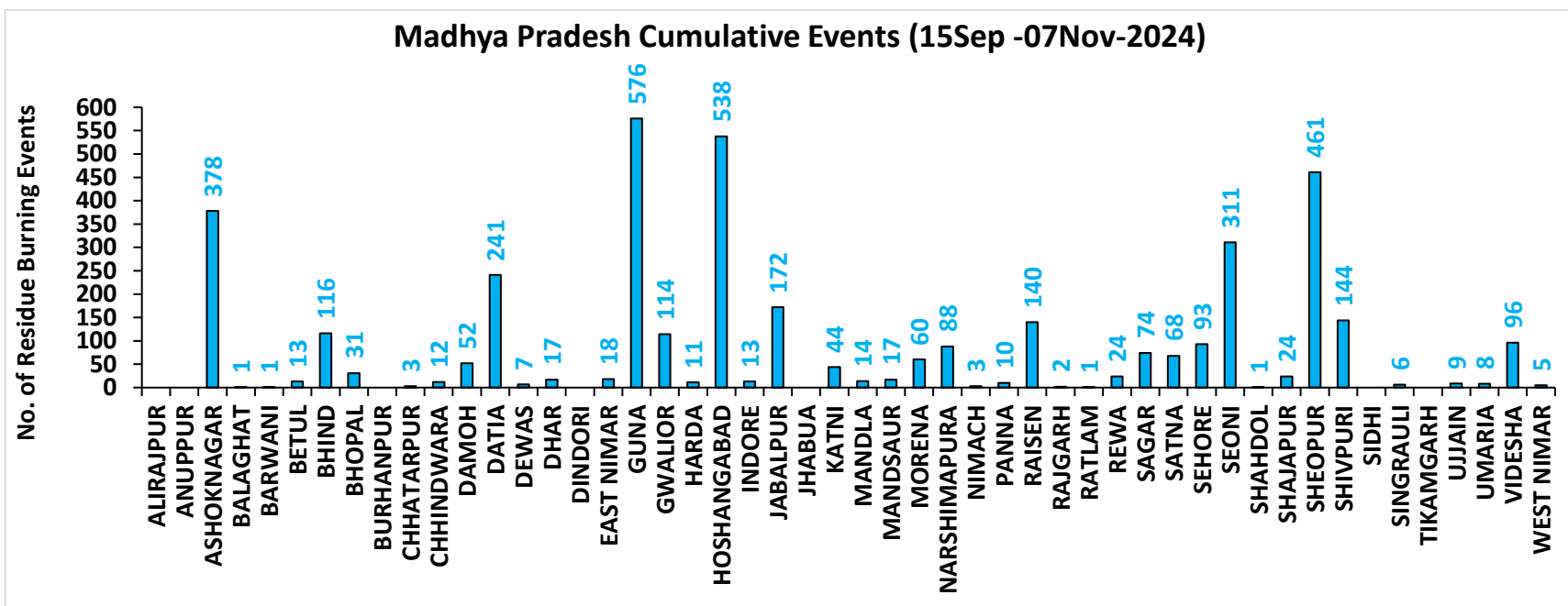
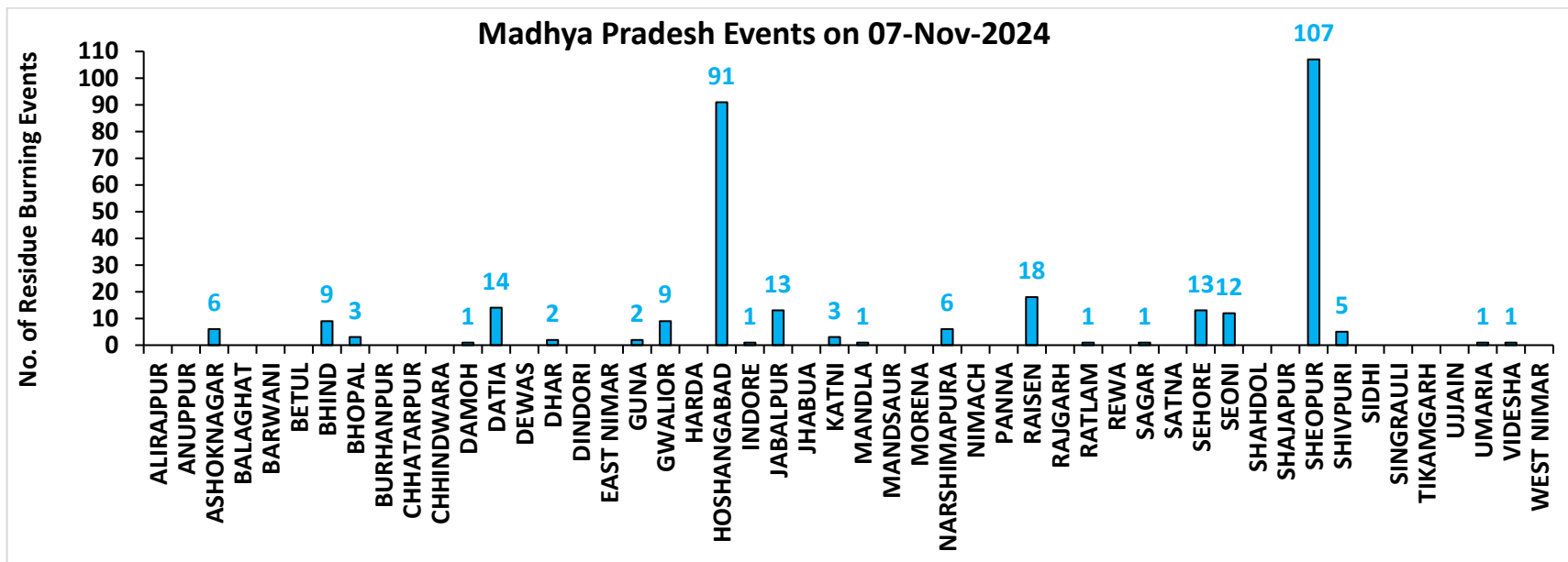
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



[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-07Nov-2024)



**District-wise cumulative number of residues burning events detected in 2020, 2021, 2022, 2023 and 2024**  
**(Period: 15 September-07 November)**

**(a) Punjab**

District	15 Sep-07 Nov				
	2020	2021	2022	2023	2024
Amritsar	3004	1701	1452	1444	633
Barnala	3470	2499	1849	913	79
Bathinda	3422	2204	2415	1215	252
Faridkot	3492	2329	1193	864	147
Fatehgarh Sahib	1405	864	1035	757	172
Fazilka	721	610	799	245	57
Firozpur	7301	3691	2788	2073	633
Gurdaspur	2109	1189	825	363	178
Hoshiarpur	368	268	237	96	19
Jalandhar	1734	1501	1116	786	78
Kapurthala	1827	1482	1184	807	254
Ludhiana	3712	2867	1501	993	128
Malerkotla	0	0	0	219	78
Mansa	2572	1313	1641	1588	303
Moga	5014	2812	1460	874	189
Muktsar	3038	2133	1385	528	103
Pathankot	12	4	0	3	2
Patiala	5576	2580	3091	1418	427
Rupnagar	180	161	220	40	10
Sangrur	9395	4149	5025	3604	887
SAS NAGAR (Mohali)	123	122	99	131	38
SBS Nagar	114	179	198	170	20
Tarn Taran	5391	3420	2973	1847	612
<b>Total</b>	<b>63980</b>	<b>38078</b>	<b>32486</b>	<b>20978</b>	<b>5299</b>

**(b) Haryana**

District	15 Sep-07 Nov				
	2020	2021	2022	2023	2024
AMBALA	340	260	204	184	81
BHIWANI	3	0	1	3	0
CHARKHI DADRI	0	0	0	0	0
FARIDABAD	1	2	1	3	40
FATEHABAD	483	800	533	324	85
GURGAON	0	0	0	0	0
HISAR	30	41	51	77	24
JHAJJAR	5	0	1	11	4
JIND	201	409	329	234	74
KAITHAL	754	1032	587	219	162
KARNAL	555	832	271	100	85
KURUKSHETRA	401	518	291	145	129
MAHENDRAGARH	0	0	0	0	0
MEWAT	0	0	0	0	0
PALWAL	44	98	39	56	36
PANCHKULA	0	0	0	1	18
PANIPAT	28	89	31	20	30
REWARI	0	0	0	0	0
ROHTAK	28	6	3	31	12
SIRSA	83	117	118	60	41
SONIPAT	46	53	24	59	50
YAMUNANAGAR	136	141	129	78	35
<b>Total</b>	<b>3138</b>	<b>4398</b>	<b>2613</b>	<b>1605</b>	<b>906</b>



(c) Uttar Pradesh

District	15 Sep-07 Nov																
	2020	2021	2022	2023	2024	GAUTAMBUDHNAGAR	9	14	10	9	39	MUZAFARNAGAR	12	7	1	3	15
AGRA	5	0	0	4	9	GAZIPUR	0	1	1	3	0	PILHIBHIT	10	186	111	87	56
ALIGARH	101	38	38	81	168	GHAZIABAD	12	5	3	19	16	PRATAPGARH	13	7	3	7	5
ALLAHABAD	7	4	4	5	5	GONDA	8	1	0	3	2	RAIBARELI	7	9	4	7	16
AMBEDKARNAGAR	3	4	1	4	6	GORAKHPUR	7	7	4	10	8	RAMPUR	116	131	76	79	27
AMETHI	2	3	5	7	3	HAMIRPUR	3	0	0	0	0	SAMBHAL	8	9	11	15	87
AMROHA	4	1	0	2	4	HAPUR	9	3	2	1	12	SANTKABIRNAGAR	10	5	4	8	7
AURAIYA	44	17	10	37	1	HARDOI	60	54	20	67	66	SANTRAVIDASNAGAR	1	0	0	1	1
AZAMGARH	7	0	0	4	0	HATHRAS	0	0	1	2	14	SHAHJAHANPUR	87	343	257	71	93
BADAUN	8	13	0	4	21	JALAUN	12	0	0	0	0	SHAMLI	28	23	6	7	9
BAGHPAT	6	6	2	3	5	JAUNPUR	7	4	0	5	3	SHARANPUR	74	47	12	12	9
BAHRAICH	81	32	10	22	14	JHANSI	92	21	15	87	45	SHRAWASTI	29	18	5	18	14
BALLIA	8	0	0	1	4	KANNAUJ	23	4	1	4	15	SIDDHARTHANAGAR	18	23	2	14	16
BALRAMPUR	46	6	3	10	1	KANPUR	17	27	13	30	17	SITAPUR	39	35	10	16	63
BANDA	3	3	0	3	1	KANPUR DEHAT	42	13	2	70	33	SONBHADRA	0	0	0	0	0
BARABANKI	32	47	36	56	89	KASGANJ	2	2	0	3	1	SULTANPUR	2	4	1	6	1
BAREILLY	42	39	22	40	24	KAUSHAMBI	28	25	11	30	25	UNNAO	24	11	4	27	26
BASTI	29	12	1	6	7	KHERI	92	121	97	25	31	VARANASI	1	0	0	1	0
BIJNOR	14	13	2	6	5	KUSHINAGAR	17	1	3	9	6	Total	1867	1817	963	1439	1604
BULANDSAHAR	38	2	9	9	37	LALITPUR	1	6	3	6	0						
CHANDAULI	0	0	0	0	0	LUCKNOW	22	20	2	22	16						
CHITRAKOOT	4	6	2	6	0	MAHARAJGANJ	6	21	8	10	62						
DEORIA	18	2	4	10	7	MAHOBA	27	0	0	0	0						
ETAH	15	6	3	20	15	MAINPURI	43	27	14	43	40						
ETAWAH	32	21	10	78	41	MATHURA	131	216	21	92	115						
FAIZABAD	5	3	1	4	6	MAU	2	2	0	3	0						
FARRUKHABAD	3	2	1	1	1	MEERUT	30	11	4	4	11						
FATEHPUR	89	50	45	63	70	MIRZAPUR	6	5	2	0	2						
FIROZABAD	22	13	7	10	15	MORADABAD	12	5	3	7	21						

**(d) Delhi**

District	15 Sep-07 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	3	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>3</b>	<b>12</b>

**(e) Rajasthan**

District	15 Sep-07 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	157	2	63	326	306
BARMER	3	0	0	0	0
BHARATPUR	2	3	1	3	8
BHILWARA	7	0	0	0	0
BIKANER	1	0	0	0	0
BUNDI	122	48	172	201	344
CHITTAURGARH	0	6	5	9	6
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	47	25	57	53	90
HANUMANGARH	426	180	220	208	312
JAIPUR	3	0	0	0	0
JAISELMER	4	0	0	0	0
JALOR	1	0	0	0	0
JHALAWAR	3	1	5	10	5
JHUNJHUNUN	1	0	0	0	0
JODHPUR	4	0	0	0	0
KARALI	1	0	0	0	1
KOTA	106	23	122	259	249
NAGOUR	2	0	0	0	0
PALI	5	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	64	14	48	57	78
TONK	4	0	0	0	0
UDAIPUR	1	0	0	6	0
<b>Total</b>	<b>985</b>	<b>302</b>	<b>694</b>	<b>1132</b>	<b>1400</b>

**(f) Madhya Pradesh**

District	15 Sep-07 Nov										
	2020	2021	2022	2023	2024	PANNA	40	9	0	14	10
ALIRAJPUR	0	0	0	0	0	RAISEN	411	65	60	186	140
ANUPPUR	0	0	0	0	0	RAJGARH	10	1	3	9	2
ASHOKNAGAR	143	41	107	248	378	RATLAM	2	1	0	2	1
BALAGHAT	1	1	0	0	1	REWA	78	21	8	21	24
BARWANI	2	0	0	3	1	SAGAR	26	24	45	84	74
BETUL	26	12	4	23	13	SATNA	367	104	22	104	68
BHIND	160	21	67	156	116	SEHORE	120	75	88	118	93
BHOPAL	46	18	15	33	31	SEONI	1097	765	424	771	311
BURHANPUR	9	1	0	7	0	SHAHDOL	2	0	0	2	1
CHHATARPUR	7	0	0	3	3	SHAJAPUR	10	0	0	12	24
CHHINDWARA	87	37	50	97	12	SHEOPUR	1293	129	889	1669	461
DAMOH	63	42	34	75	52	SHIVPURI	179	16	38	116	144
DATIA	880	99	175	579	241	SIDHI	1	2	1	0	0
DEWAS	8	0	0	10	7	SINGRAULI	0	0	1	4	6
DHAR	37	0	0	37	17	TIKAMGARH	4	0	0	5	0
DINDORI	0	0	0	1	0	UJJAIN	6	0	0	14	9
EAST NIMAR	21	6	10	44	18	UMARIA	3	1	0	2	8
GUNA	62	3	84	421	576	VIDESHA	117	36	37	105	96
GWALIOR	1098	69	188	249	114	WEST NIMAR	43	8	3	34	5
HARDA	14	19	9	28	11	<b>Total</b>	<b>8482</b>	<b>2532</b>	<b>3021</b>	<b>6715</b>	<b>4017</b>
HOSHANGABAD	935	632	422	845	538						
INDORE	4	0	0	12	13						
JABALPUR	580	95	103	332	172						
JHABUA	0	0	0	0	0						
KATNI	189	19	24	70	44						
MANDLA	81	69	16	26	14						
MANDSAUR	11	0	0	3	17						
MORENA	62	33	16	45	60						
NARSHIMAPURA	145	58	78	95	88						
NIMACH	2	0	0	1	3						

**State-wise and date-wise number of paddy residue burning events detected in 2020 ,2021 ,2022, 2023 and 2024**  
**(Period: 15 September-07 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



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

<b>25-Oct</b>	1	0	0	0	0	18	2	4	47	49	144	60	0	159	94
<b>26-Oct</b>	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>06-Nov</b>	0	0	0	0	0	40	32	27	47	72	678	248	392	655	320
<b>07-Nov</b>	0	0	0	1	0	57	38	80	23	68	848	199	383	497	320
<b>Total</b>	<b>9</b>	<b>0</b>	<b>9</b>	<b>3</b>	<b>12</b>	<b>985</b>	<b>302</b>	<b>694</b>	<b>1132</b>	<b>1400</b>	<b>8482</b>	<b>2532</b>	<b>3021</b>	<b>6715</b>	<b>4017</b>



### Details of residue burning events in Punjab on 07-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	JPSS-1	31.95212	74.86770	14:04:46	D	7.50
2	AMRITSAR	ATTARI	JPSS-1	31.58700	74.74355	14:04:46	D	4.80
3	AMRITSAR	ATTARI	JPSS-1	31.58943	74.74240	14:04:46	D	4.90
4	AMRITSAR	CHOGAWAN	JPSS-1	31.75573	74.57482	14:04:46	D	3.20
5	AMRITSAR	TARSIKKA	JPSS-1	31.69423	75.12035	14:04:46	D	8.70
6	AMRITSAR	VERKA	JPSS-1	31.66817	74.79843	14:04:46	D	5.70
7	BARNALA	BARNALA	JPSS-1	30.16965	75.56159	14:04:46	D	3.50
8	BARNALA	SEHNA	JPSS-1	30.37915	75.46854	14:04:46	D	6.40
9	BATHINDA	GONIANA MANDI	JPSS-1	30.32296	74.77443	14:04:46	D	9.90
10	BATHINDA	GONIANA MANDI	JPSS-1	30.32404	74.77535	14:04:46	D	8.50
11	BATHINDA	GONIANA MANDI	JPSS-1	30.33642	74.87847	14:04:46	D	6.80
12	BATHINDA	GONIANA MANDI	JPSS-1	30.33820	74.87919	14:04:46	D	3.20
13	BATHINDA	MAUR	JPSS-1	30.11833	75.19318	14:04:46	D	17.00
14	BATHINDA	MAUR	JPSS-1	30.12383	75.19909	14:04:46	D	11.50
15	BATHINDA	NATHANA	JPSS-1	30.40473	75.10620	14:04:46	D	8.00
16	BATHINDA	PHUL	JPSS-1	30.27976	75.24371	14:04:46	D	7.10
17	BATHINDA	RAMPURA	JPSS-1	30.15231	75.12513	14:04:46	D	5.00
18	BATHINDA	RAMPURA	JPSS-1	30.15405	75.12407	14:04:46	D	7.50
19	BATHINDA	RAMPURA	JPSS-1	30.15425	75.32004	14:04:46	D	5.30
20	BATHINDA	RAMPURA	JPSS-1	30.15471	75.31931	14:04:46	D	6.50
21	BATHINDA	RAMPURA	JPSS-1	30.16274	75.13046	14:04:46	D	4.40
22	BATHINDA	RAMPURA	JPSS-1	30.19803	75.29496	14:04:46	D	10.70
23	BATHINDA	RAMPURA	JPSS-1	30.27939	75.24709	14:04:46	D	5.20
24	BATHINDA	TALWANDI SABO	JPSS-1	29.82919	75.16857	14:04:46	D	6.50
25	FARIDKOT	FARIDKOT	JPSS-1	30.62041	74.68341	14:04:46	D	7.30
26	FARIDKOT	FARIDKOT	JPSS-1	30.62095	74.68952	14:04:46	D	7.00
27	FARIDKOT	FARIDKOT	JPSS-1	30.62693	74.65608	14:04:46	D	16.00
28	FARIDKOT	FARIDKOT	JPSS-1	30.62790	74.65807	14:04:46	D	12.00
29	FARIDKOT	FARIDKOT	JPSS-1	30.62793	74.66824	14:04:46	D	7.90

30	FARIDKOT	FARIDKOT	JPSS-1	30.62899	74.67021	14:04:46	D	11.80
31	FARIDKOT	FARIDKOT	JPSS-1	30.74793	74.77632	14:04:46	D	4.50
32	FARIDKOT	FARIDKOT	JPSS-1	30.74971	74.77872	14:04:46	D	8.20
33	FARIDKOT	FARIDKOT	JPSS-1	30.78163	74.53873	14:04:46	D	4.90
34	FARIDKOT	FARIDKOT	JPSS-1	30.79722	74.72103	14:04:46	D	5.30
35	FARIDKOT	JAITON	JPSS-1	30.44680	74.75265	14:04:46	D	9.30
36	FARIDKOT	JAITON	JPSS-1	30.44819	74.75461	14:04:46	D	16.20
37	FARIDKOT	JAITON	JPSS-1	30.45164	74.75211	14:04:46	D	5.90
38	FARIDKOT	JAITON	JPSS-1	30.48906	74.84738	14:04:46	D	24.80
39	FARIDKOT	KOT KAPURA	JPSS-1	30.54301	74.73599	14:04:46	D	5.80
40	FARIDKOT	KOT KAPURA	JPSS-1	30.59786	74.70430	14:04:46	D	12.10
41	FATEHGARH SAHIB	BASSI PATHANAN	JPSS-1	30.74421	76.38656	12:24:29	D	4.90
42	FATEHGARH SAHIB	KHAMANON	JPSS-1	30.74946	76.38525	12:24:29	D	5.70
43	FATEHGARH SAHIB	KHERA	JPSS-1	30.57216	76.52986	14:04:46	D	4.40
44	FATEHGARH SAHIB	KHERA	JPSS-1	30.57526	76.53006	14:04:46	D	4.60
45	FATEHGARH SAHIB	SIRHIND	JPSS-1	30.56338	76.32742	14:04:46	D	5.70
46	FATEHGARH SAHIB	SIRHIND	JPSS-1	30.56513	76.32797	14:04:46	D	5.60
47	FAZILKA	FAZILKA	JPSS-1	30.39507	73.99328	14:04:46	D	4.70
48	FIROZPUR	FIROZPUR	JPSS-1	30.82903	74.58214	14:04:46	D	4.40
49	FIROZPUR	FIROZPUR	JPSS-1	30.83992	74.60336	14:04:46	D	17.20
50	FIROZPUR	FIROZPUR	JPSS-1	30.84080	74.60529	14:04:46	D	19.10
51	FIROZPUR	FIROZPUR	JPSS-1	30.84933	74.54130	14:04:46	D	4.90
52	FIROZPUR	FIROZPUR	JPSS-1	31.00561	74.61469	14:04:46	D	5.10
53	FIROZPUR	FIROZPUR	JPSS-1	31.01044	74.61416	14:04:46	D	3.50
54	FIROZPUR	FIROZPUR	JPSS-1	31.03021	74.67401	14:04:46	D	7.60
55	FIROZPUR	FIROZPUR	JPSS-1	31.09344	74.74665	14:04:46	D	3.70
56	FIROZPUR	GHALL KHURD	JPSS-1	30.92155	74.76183	14:04:46	D	3.90
57	FIROZPUR	GHALL KHURD	JPSS-1	30.95334	74.75121	14:04:46	D	9.30
58	FIROZPUR	GHALL KHURD	JPSS-1	30.96912	74.74415	14:04:46	D	9.30
59	FIROZPUR	GHALL KHURD	JPSS-1	30.97939	74.74932	14:04:46	D	8.60
60	FIROZPUR	GHALL KHURD	JPSS-1	30.98304	74.75423	14:04:46	D	4.30
61	FIROZPUR	GHALL KHURD	JPSS-1	30.99661	74.74018	14:04:46	D	3.30
62	FIROZPUR	GHALL KHURD	JPSS-1	31.02079	74.79428	14:04:46	D	4.90

63	FIROZPUR	GURUHAR SAHAI	JPSS-1	30.62883	74.39130	14:04:46	D	3.00
64	FIROZPUR	GURUHAR SAHAI	JPSS-1	30.63781	74.38438	14:04:46	D	5.30
65	FIROZPUR	GURUHAR SAHAI	JPSS-1	30.69728	74.24889	14:04:46	D	3.70
66	FIROZPUR	GURUHAR SAHAI	JPSS-1	30.70364	74.37103	14:04:46	D	4.40
67	FIROZPUR	GURUHAR SAHAI	JPSS-1	30.76362	74.33180	14:04:46	D	5.30
68	FIROZPUR	MAKHU	JPSS-1	31.06686	74.92998	14:04:46	D	14.10
69	FIROZPUR	MAKHU	JPSS-1	31.09871	75.07008	14:04:46	D	17.10
70	FIROZPUR	MAKHU	JPSS-1	31.09938	75.06833	14:04:46	D	12.90
71	FIROZPUR	MAKHU	JPSS-1	31.10501	74.82784	14:04:46	D	7.40
72	FIROZPUR	MAKHU	JPSS-1	31.14039	75.01801	14:04:46	D	18.00
73	FIROZPUR	MAKHU	JPSS-1	31.14907	75.06312	14:04:46	D	14.60
74	FIROZPUR	MAMDOT	JPSS-1	30.80986	74.52956	14:04:46	D	12.50
75	FIROZPUR	MAMDOT	JPSS-1	30.83475	74.48238	14:04:46	D	5.50
76	FIROZPUR	MAMDOT	JPSS-1	30.83484	74.48452	14:04:46	D	4.30
77	FIROZPUR	MAMDOT	JPSS-1	30.87637	74.40576	14:04:46	D	4.60
78	FIROZPUR	MAMDOT	JPSS-1	30.87804	74.36982	14:04:46	D	5.50
79	FIROZPUR	MAMDOT	JPSS-1	30.89429	74.44563	14:04:46	D	5.90
80	FIROZPUR	MAMDOT	JPSS-1	30.90166	74.47489	14:04:46	D	9.40
81	FIROZPUR	MAMDOT	JPSS-1	30.91814	74.44297	14:04:46	D	9.30
82	FIROZPUR	ZIRA	JPSS-1	30.91902	74.90784	14:04:46	D	9.00
83	FIROZPUR	ZIRA	JPSS-1	30.92464	75.03647	14:04:46	D	9.00
84	FIROZPUR	ZIRA	JPSS-1	30.96538	74.81381	14:04:46	D	5.90
85	FIROZPUR	ZIRA	JPSS-1	30.96811	74.81263	14:04:46	D	4.90
86	FIROZPUR	ZIRA	JPSS-1	30.97875	74.94577	14:04:46	D	6.00
87	FIROZPUR	ZIRA	JPSS-1	31.01740	74.99348	14:04:46	D	5.40
88	GURDASPUR	KAHNUWAN	JPSS-1	31.82454	75.50006	14:04:46	D	2.00
89	GURDASPUR	SRI HARGOBINDPUR	JPSS-1	31.59516	75.40524	14:04:46	D	8.00
90	HOSHIARPUR	GARH SHANKAR	JPSS-1	31.15112	76.18313	14:04:46	D	7.60
91	HOSHIARPUR	TANDA	JPSS-1	31.65838	75.52290	14:04:46	D	6.40
92	HOSHIARPUR	TANDA	JPSS-1	31.66106	75.52275	14:04:46	D	5.80
93	JALANDHAR	BHOGPUR	JPSS-1	31.51153	75.55982	14:04:46	D	2.40
94	JALANDHAR	MEHATPUR	JPSS-1	31.00513	75.52958	14:04:46	D	1.90
95	JALANDHAR	NUR MAHAL	JPSS-1	31.10774	75.55072	14:04:46	D	6.10

96	KAPURTHALA	NADALA	JPSS-1	31.53169	75.48676	14:04:46	D	3.30
97	KAPURTHALA	NADALA	JPSS-1	31.55342	75.46583	14:04:46	D	2.00
98	KAPURTHALA	NADALA	JPSS-1	31.56941	75.40430	14:04:46	D	4.30
99	KAPURTHALA	NADALA	JPSS-1	31.56967	75.40778	14:04:46	D	5.20
100	KAPURTHALA	NADALA	JPSS-1	31.56993	75.54964	14:04:46	D	1.50
101	LUDHIANA	JAGRAON	JPSS-1	30.66269	75.41697	14:04:46	D	3.80
102	LUDHIANA	RAIKOT	JPSS-1	30.61147	75.61176	14:04:46	D	2.30
103	LUDHIANA	RAIKOT	JPSS-1	30.66337	75.61703	14:04:46	D	2.60
104	MALERKOTLA	MALERKOTLA	JPSS-1	30.44609	75.81308	14:04:46	D	4.20
105	MALERKOTLA	MALERKOTLA	JPSS-1	30.45317	75.83744	14:04:46	D	3.20
106	MALERKOTLA	MALERKOTLA	JPSS-1	30.51379	75.79108	14:04:46	D	3.00
107	MALERKOTLA	MALERKOTLA	JPSS-1	30.56399	75.76825	14:04:46	D	2.80
108	MALERKOTLA	MALERKOTLA	JPSS-1	30.58363	75.81994	14:04:46	D	2.90
109	MALERKOTLA	MALERKOTLA	JPSS-1	30.59157	75.98985	14:04:46	D	4.90
110	MANSA	BHIKHI	JPSS-1	29.96137	75.49295	14:04:46	D	4.90
111	MANSA	BHIKHI	JPSS-1	29.96183	75.49347	14:04:46	D	4.90
112	MANSA	BHIKHI	JPSS-1	30.00832	75.50829	14:04:46	D	9.50
113	MANSA	BHIKHI	JPSS-1	30.06405	75.50596	14:04:46	D	2.50
114	MANSA	BHIKHI	JPSS-1	30.11027	75.64996	14:04:46	D	1.60
115	MANSA	BHIKHI	JPSS-1	30.13187	75.59962	14:04:46	D	2.80
116	MANSA	BHIKHI	JPSS-1	30.17320	75.36443	14:04:46	D	2.80
117	MANSA	BHIKHI	JPSS-1	30.17335	75.36371	14:04:46	D	9.00
118	MANSA	BUDHLADA	JPSS-1	29.85704	75.75098	14:04:46	D	3.10
119	MANSA	BUDHLADA	JPSS-1	29.87631	75.56629	14:04:46	D	3.70
120	MANSA	BUDHLADA	JPSS-1	29.89749	75.51349	14:04:46	D	2.40
121	MANSA	BUDHLADA	JPSS-1	29.96982	75.58723	14:04:46	D	12.90
122	MANSA	BUDHLADA	JPSS-1	29.99193	75.62202	14:04:46	D	8.60
123	MANSA	BUDHLADA	JPSS-1	30.00843	75.57257	14:04:46	D	6.10
124	MANSA	BUDHLADA	JPSS-1	30.01178	75.67844	14:04:46	D	4.40
125	MANSA	BUDHLADA	JPSS-1	30.01687	75.67793	14:04:46	D	3.40
126	MANSA	BUDHLADA	JPSS-1	30.02431	75.64274	14:04:46	D	4.70
127	MANSA	JHUNIR	JPSS-1	29.94444	75.29195	14:04:46	D	6.60
128	MANSA	JHUNIR	JPSS-1	29.94532	75.29108	14:04:46	D	4.60

129	MANSA	SARDULGARH	JPSS-1	29.81124	75.26859	14:04:46	D	9.10
130	MOGA	BAGHA PURANA	JPSS-1	30.60017	75.08303	14:04:46	D	4.80
131	MOGA	BAGHA PURANA	JPSS-1	30.61483	75.14007	14:04:46	D	7.00
132	MOGA	BAGHA PURANA	JPSS-1	30.66500	75.08270	14:04:46	D	8.20
133	MOGA	MOGA 1	JPSS-1	30.76464	75.36768	14:04:46	D	4.00
134	MOGA	NIHAL SINGH	JPSS-1	30.52977	75.40043	14:04:46	D	3.30
135	MOGA	NIHAL SINGH	JPSS-1	30.53415	75.26772	14:04:46	D	3.70
136	MOGA	NIHAL SINGH	JPSS-1	30.58811	75.37382	14:04:46	D	3.00
137	MOGA	NIHAL SINGH	JPSS-1	30.58853	75.37419	14:04:46	D	3.20
138	MUKTSAR	KOT BHAI AT GIDDERBAHA	JPSS-1	30.16298	74.65082	14:04:46	D	5.40
139	MUKTSAR	KOT BHAI AT GIDDERBAHA	JPSS-1	30.23230	74.61536	14:04:46	D	12.10
140	MUKTSAR	KOT BHAI AT GIDDERBAHA	JPSS-1	30.36078	74.70284	14:04:46	D	5.30
141	MUKTSAR	KOT BHAI AT GIDDERBAHA	JPSS-1	30.36948	74.63507	14:04:46	D	3.60
142	MUKTSAR	KOT BHAI AT GIDDERBAHA	JPSS-1	30.39493	74.81600	14:04:46	D	5.30
143	MUKTSAR	KOT BHAI AT GIDDERBAHA	JPSS-1	30.39610	74.71732	14:04:46	D	5.90
144	MUKTSAR	KOT BHAI AT GIDDERBAHA	JPSS-1	30.40359	74.74715	14:04:46	D	5.50
145	MUKTSAR	KOT BHAI AT GIDDERBAHA	JPSS-1	30.41218	74.73393	14:04:46	D	6.20
146	MUKTSAR	KOT BHAI AT GIDDERBAHA	JPSS-1	30.44654	74.73634	14:04:46	D	6.70
147	MUKTSAR	LAMBI	JPSS-1	30.00120	74.68221	14:04:46	D	5.10
148	MUKTSAR	MALOUT	JPSS-1	30.26120	74.45180	14:04:46	D	6.10
149	MUKTSAR	MALOUT	JPSS-1	30.27700	74.52089	14:04:46	D	12.60
150	MUKTSAR	MALOUT	JPSS-1	30.28386	74.49049	14:04:46	D	7.70
151	MUKTSAR	MALOUT	JPSS-1	30.28968	74.50168	14:04:46	D	7.40
152	MUKTSAR	MALOUT	JPSS-1	30.30918	74.43916	14:04:46	D	3.80
153	MUKTSAR	MALOUT	JPSS-1	30.34657	74.42905	14:04:46	D	5.00
154	MUKTSAR	MUKTSAR	JPSS-1	30.46316	74.43713	14:04:46	D	11.00
155	MUKTSAR	MUKTSAR	JPSS-1	30.47530	74.74336	14:04:46	D	8.80
156	MUKTSAR	MUKTSAR	JPSS-1	30.51444	74.57941	14:04:46	D	6.30
157	MUKTSAR	MUKTSAR	JPSS-1	30.51448	74.58064	14:04:46	D	7.30
158	MUKTSAR	MUKTSAR	JPSS-1	30.55737	74.62917	14:04:46	D	5.80
159	MUKTSAR	MUKTSAR	JPSS-1	30.56610	74.56158	14:04:46	D	5.80
160	MUKTSAR	MUKTSAR	JPSS-1	30.58674	74.63203	14:04:46	D	18.50
161	PATIALA	GHANAUR	JPSS-1	30.33061	76.59341	14:04:46	D	4.60

162	PATIALA	NABHA	JPSS-1	30.35038	76.15804	14:04:46	D	3.70
163	PATIALA	NABHA	JPSS-1	30.35924	75.99473	14:04:46	D	7.90
164	PATIALA	NABHA	JPSS-1	30.36615	76.22787	14:04:46	D	6.50
165	PATIALA	PATIALA	JPSS-1	30.38147	76.36362	14:04:46	D	2.50
166	PATIALA	PATRAN	JPSS-1	29.87967	76.09324	14:04:46	D	3.80
167	PATIALA	PATRAN	JPSS-1	29.88256	76.12946	14:04:46	D	3.60
168	PATIALA	PATRAN	JPSS-1	29.88488	76.09274	14:04:46	D	3.80
169	PATIALA	SAMANA	JPSS-1	30.02737	76.19961	12:24:29	D	8.70
170	PATIALA	SAMANA	JPSS-1	30.02919	76.19617	12:24:29	D	10.60
171	PATIALA	SAMANA	JPSS-1	30.10134	76.21861	14:04:46	D	4.80
172	PATIALA	SAMANA	JPSS-1	30.19435	76.12347	14:04:46	D	6.40
173	SANGRUR	ANDANA	JPSS-1	29.75020	75.93185	14:04:46	D	7.10
174	SANGRUR	ANDANA	JPSS-1	29.75195	75.88932	14:04:46	D	5.00
175	SANGRUR	ANDANA	JPSS-1	29.76856	75.96555	14:04:46	D	10.30
176	SANGRUR	ANDANA	JPSS-1	29.78243	76.07191	14:04:46	D	3.80
177	SANGRUR	ANDANA	JPSS-1	29.78272	76.07548	14:04:46	D	3.80
178	SANGRUR	ANDANA	JPSS-1	29.78494	75.97467	14:04:46	D	6.60
179	SANGRUR	ANDANA	JPSS-1	29.78523	75.97821	14:04:46	D	8.30
180	SANGRUR	ANDANA	JPSS-1	29.78679	75.97613	14:04:46	D	10.40
181	SANGRUR	ANDANA	JPSS-1	29.79194	75.87134	14:04:46	D	1.30
182	SANGRUR	ANDANA	JPSS-1	29.80204	75.90353	14:04:46	D	4.30
183	SANGRUR	ANDANA	JPSS-1	29.81043	75.87798	14:04:46	D	4.20
184	SANGRUR	ANDANA	JPSS-1	29.89386	75.99327	14:04:46	D	2.70
185	SANGRUR	BHAWANIGARH	JPSS-1	30.14137	76.05146	14:04:46	D	3.90
186	SANGRUR	BHAWANIGARH	JPSS-1	30.21148	75.99371	14:04:46	D	6.40
187	SANGRUR	BHAWANIGARH	JPSS-1	30.22752	76.07611	14:04:46	D	8.10
188	SANGRUR	BHAWANIGARH	JPSS-1	30.22783	76.07251	14:04:46	D	6.30
189	SANGRUR	BHAWANIGARH	JPSS-1	30.22810	76.07616	14:04:46	D	7.30
190	SANGRUR	BHAWANIGARH	JPSS-1	30.23094	75.97367	14:04:46	D	5.00
191	SANGRUR	BHAWANIGARH	JPSS-1	30.24626	75.96855	14:04:46	D	6.80
192	SANGRUR	BHAWANIGARH	JPSS-1	30.25315	76.05901	14:04:46	D	2.80
193	SANGRUR	BHAWANIGARH	JPSS-1	30.28041	76.07108	14:04:46	D	3.80
194	SANGRUR	BHAWANIGARH	JPSS-1	30.29067	75.97819	12:24:29	D	4.50

195	SANGRUR	BHAWANIGARH	JPSS-1	30.29206	75.97665	12:24:29	D	5.60
196	SANGRUR	BHAWANIGARH	JPSS-1	30.29468	76.05135	14:04:46	D	5.00
197	SANGRUR	BHAWANIGARH	JPSS-1	30.29767	75.95628	14:04:46	D	4.10
198	SANGRUR	BHAWANIGARH	JPSS-1	30.31009	75.98050	14:04:46	D	4.30
199	SANGRUR	BHAWANIGARH	JPSS-1	30.31038	75.98409	14:04:46	D	4.30
200	SANGRUR	DHURI	JPSS-1	30.34088	75.82341	14:04:46	D	2.20
201	SANGRUR	DHURI	JPSS-1	30.34415	75.86597	14:04:46	D	2.40
202	SANGRUR	DHURI	JPSS-1	30.34768	75.84416	14:04:46	D	3.70
203	SANGRUR	DHURI	JPSS-1	30.40706	75.93552	14:04:46	D	1.60
204	SANGRUR	DIRBA	JPSS-1	29.97312	75.93887	14:04:46	D	8.50
205	SANGRUR	DIRBA	JPSS-1	30.02414	76.03830	14:04:46	D	3.80
206	SANGRUR	DIRBA	JPSS-1	30.02714	75.94066	14:04:46	D	3.60
207	SANGRUR	DIRBA	JPSS-1	30.06426	76.08180	14:04:46	D	2.00
208	SANGRUR	LEHRA GAGA	JPSS-1	29.83998	75.79441	14:04:46	D	2.20
209	SANGRUR	LEHRA GAGA	JPSS-1	29.90943	75.92376	14:04:46	D	8.00
210	SANGRUR	LEHRA GAGA	JPSS-1	29.93596	75.86439	14:04:46	D	5.30
211	SANGRUR	LEHRA GAGA	JPSS-1	29.98057	75.83881	14:04:46	D	11.60
212	SANGRUR	LEHRA GAGA	JPSS-1	29.98571	75.83829	14:04:46	D	2.80
213	SANGRUR	SANGRUR	JPSS-1	30.16993	75.56498	14:04:46	D	4.60
214	SANGRUR	SANGRUR	JPSS-1	30.18045	75.69141	14:04:46	D	1.90
215	SANGRUR	SANGRUR	JPSS-1	30.18213	75.90287	14:04:46	D	1.90
216	SANGRUR	SANGRUR	JPSS-1	30.18445	75.80305	14:04:46	D	0.90
217	SANGRUR	SANGRUR	JPSS-1	30.22902	75.74557	14:04:46	D	2.00
218	SANGRUR	SANGRUR	JPSS-1	30.25063	75.95726	14:04:46	D	7.60
219	SANGRUR	SANGRUR	JPSS-1	30.28369	75.78238	14:04:46	D	9.30
220	SANGRUR	SANGRUR	JPSS-1	30.30319	75.80583	14:04:46	D	2.30
221	SANGRUR	SANGRUR	JPSS-1	30.31830	75.86852	14:04:46	D	3.00
222	SANGRUR	SHER PUR	JPSS-1	30.35055	75.74802	14:04:46	D	2.70
223	SANGRUR	SHER PUR	JPSS-1	30.35072	75.68484	14:04:46	D	1.50
224	SANGRUR	SHER PUR	JPSS-1	30.38165	75.74847	14:04:46	D	3.40
225	SANGRUR	SHER PUR	JPSS-1	30.38193	75.75197	14:04:46	D	3.40
226	SANGRUR	SHER PUR	JPSS-1	30.48667	75.67116	14:04:46	D	2.00
227	SANGRUR	SUNAM	JPSS-1	30.01491	75.73486	12:24:29	D	7.40

228	SANGRUR	SUNAM	JPSS-1	30.01529	75.73540	12:24:29	D	5.20
229	SANGRUR	SUNAM	JPSS-1	30.02084	75.85930	14:04:46	D	3.00
230	SANGRUR	SUNAM	JPSS-1	30.02114	75.93051	14:04:46	D	2.90
231	SANGRUR	SUNAM	JPSS-1	30.02719	75.74277	14:04:46	D	3.70
232	SANGRUR	SUNAM	JPSS-1	30.03214	75.80526	14:04:46	D	8.90
233	SANGRUR	SUNAM	JPSS-1	30.03242	75.80874	14:04:46	D	12.70
234	SANGRUR	SUNAM	JPSS-1	30.03755	75.80821	14:04:46	D	5.20
235	SANGRUR	SUNAM	JPSS-1	30.04353	75.81819	14:04:46	D	1.90
236	SANGRUR	SUNAM	JPSS-1	30.05563	75.71210	14:04:46	D	5.60
237	SANGRUR	SUNAM	JPSS-1	30.05633	75.84871	14:04:46	D	3.60
238	SANGRUR	SUNAM	JPSS-1	30.07322	75.73815	14:04:46	D	2.50
239	SANGRUR	SUNAM	JPSS-1	30.07750	75.79020	14:04:46	D	4.60
240	SANGRUR	SUNAM	JPSS-1	30.08144	75.71297	14:04:46	D	4.50
241	SANGRUR	SUNAM	JPSS-1	30.08422	75.71150	14:04:46	D	4.70
242	SANGRUR	SUNAM	JPSS-1	30.09417	75.70701	14:04:46	D	4.90
243	SANGRUR	SUNAM	JPSS-1	30.09519	75.78734	14:04:46	D	4.80
244	SANGRUR	SUNAM	JPSS-1	30.09619	75.70457	14:04:46	D	2.50
245	SANGRUR	SUNAM	JPSS-1	30.09648	75.70801	14:04:46	D	2.50
246	SANGRUR	SUNAM	JPSS-1	30.13504	75.70287	14:04:46	D	2.00
247	SANGRUR	SUNAM	JPSS-1	30.15054	75.76772	14:04:46	D	3.60
248	SANGRUR	SUNAM	JPSS-1	30.15081	75.77121	14:04:46	D	3.60
249	SANGRUR	SUNAM	JPSS-1	30.16541	75.69638	14:04:46	D	3.90
250	SANGRUR	SUNAM	JPSS-1	30.17903	75.73681	14:04:46	D	3.50
251	SBS NAGAR	BANGA	JPSS-1	31.21668	75.85978	14:04:46	D	2.00
252	TARN TARAN	BHIKHIWIND	JPSS-1	31.32239	74.59181	14:04:46	D	4.30
253	TARN TARAN	BHIKHIWIND	JPSS-1	31.39967	74.59484	14:04:46	D	3.60
254	TARN TARAN	BHIKHIWIND	JPSS-1	31.42163	74.62375	14:04:46	D	7.80
255	TARN TARAN	GANDIWIND TATLA	JPSS-1	31.43271	74.69817	14:04:46	D	4.50
256	TARN TARAN	NAUSHERA PANNUAN	JPSS-1	31.40524	75.03835	14:04:46	D	3.20
257	TARN TARAN	PATTI	JPSS-1	31.15558	74.84158	14:04:46	D	4.80
258	TARN TARAN	PATTI	JPSS-1	31.20897	74.86053	14:04:46	D	7.50



### Details of residue burning events in Haryana on 07-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	FATEHABAD	FATEHABAD	JPSS-1	29.57398	75.57219	14:04:46	D	2.00
2	FATEHABAD	JAKHAL	JPSS-1	29.77526	75.79604	14:04:46	D	2.80
3	FATEHABAD	JAKHAL	JPSS-1	29.77800	75.79369	14:04:46	D	4.20
4	FATEHABAD	RATIA	JPSS-1	29.61314	75.50635	02:54:04	N	2.20
5	FATEHABAD	RATIA	JPSS-1	29.61602	75.49924	01:15:12	N	1.30
6	FATEHABAD	RATIA	JPSS-1	29.65128	75.52583	14:04:46	D	4.90
7	FATEHABAD	RATIA	JPSS-1	29.65575	75.52386	14:04:46	D	5.40
8	FATEHABAD	RATIA	JPSS-1	29.65631	75.52531	14:04:46	D	4.90
9	FATEHABAD	RATIA	JPSS-1	29.73886	75.54704	14:04:46	D	3.70
10	FATEHABAD	RATIA	JPSS-1	29.74330	75.42192	14:04:46	D	5.10
11	JIND	JIND	JPSS-1	29.35233	76.25367	14:04:46	D	2.10
12	JIND	JULANA	JPSS-1	29.22910	76.36768	14:04:46	D	5.00
13	JIND	NARWANA	JPSS-1	29.71186	75.99803	02:54:04	N	0.70
14	JIND	UCHANA	JPSS-1	29.54428	76.07093	14:04:46	D	2.80
15	KAITHAL	RAJOUND	JPSS-1	29.52897	76.48986	14:04:46	D	2.90
16	SONIPAT	GANAUR	JPSS-1	29.18811	76.93269	14:04:46	D	2.80
17	SONIPAT	MUNDLANA	JPSS-1	29.20287	76.70285	12:24:29	D	4.50
18	SONIPAT	MUNDLANA	JPSS-1	29.20676	76.70235	12:24:29	D	3.90

## Details of residue burning events in Uttar Pradesh on 07-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBEDKARNAGAR	JALALPUR	AQUA	26.37877	82.75768	13:56:00	D	7.84
2	AMBEDKARNAGAR	JALALPUR	AQUA	26.38045	82.76817	13:56:00	D	10.01
3	BAHRAICH	BAHRAICH	AQUA	27.61005	81.65684	13:56:00	D	7.74
4	BAHRAICH	MAHASI	AQUA	27.68658	81.44450	13:56:00	D	7.80
5	BAHRAICH	NANPARA	AQUA	28.16784	81.40056	13:56:00	D	6.76
6	BAREILLY	BAHERI	JPSS-1	28.70894	79.63788	01:10:00	N	0.47
7	BASTI	BASTI	JPSS-1	26.68894	82.93896	12:26:00	D	1.94
8	BASTI	BHANPUR	AQUA	27.09562	82.66261	13:56:00	D	14.84
9	GAUTAMBUDHNAGAR	JEVAR	JPSS-1	28.13190	77.64429	02:52:00	N	0.71
10	GORAKHPUR	CHAURI CHAURA	AQUA	26.57728	83.60538	13:56:00	D	5.48
11	GORAKHPUR	KHAJNI	AQUA	26.48999	83.28781	13:56:00	D	4.73
12	HARDOI	SIWAIJPUR	JPSS-1	27.25015	79.87607	12:28:00	D	6.65
13	HARDOI	SIWAIJPUR	JPSS-1	27.25272	79.87703	12:28:00	D	6.07
14	JHANSI	MOTH	JPSS-1	25.81296	78.89176	14:07:00	D	4.00
15	JHANSI	TAHRAULI	AQUA	25.59397	78.81426	13:56:00	D	14.39
16	KANPUR DEHAT	BHOGANIPUR	JPSS-1	26.27463	79.99864	12:26:00	D	5.45
17	MAHARAJGANJ	MAHARAJGANJ	JPSS-1	27.10228	83.49473	12:26:00	D	5.34
18	MAHARAJGANJ	MAHARAJGANJ	JPSS-1	27.17995	83.66433	12:26:00	D	2.95
19	MAHARAJGANJ	MAHARAJGANJ	JPSS-1	27.22031	83.52981	12:26:00	D	6.43
20	MAHARAJGANJ	MAHARAJGANJ	JPSS-1	27.22092	83.53074	12:26:00	D	5.12
21	MAHARAJGANJ	MAHARAJGANJ	JPSS-1	27.25457	83.57082	12:26:00	D	5.60
22	MAHARAJGANJ	MAHARAJGANJ	AQUA	26.95973	83.50724	13:56:00	D	11.18
23	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.00823	83.46695	13:56:00	D	4.42
24	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.02015	83.47952	13:56:00	D	5.35
25	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.09770	83.69003	13:56:00	D	4.95
26	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.12264	83.67503	13:56:00	D	5.83
27	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.16505	83.63994	13:56:00	D	4.64
28	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.17336	83.51533	13:56:00	D	21.46
29	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.17488	83.52531	13:56:00	D	45.36
30	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.18371	83.52360	13:56:00	D	8.22

31	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.21919	83.51105	13:56:00	D	7.45
32	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.25328	83.55579	13:56:00	D	7.90
33	MAHARAJGANJ	NAUTANWA	JPSS-1	27.23645	83.30604	12:26:00	D	6.22
34	MAHARAJGANJ	NAUTANWA	JPSS-1	27.26004	83.34402	12:26:00	D	4.78
35	MAHARAJGANJ	NAUTANWA	AQUA	27.25847	83.41073	13:56:00	D	8.26
36	MAHARAJGANJ	NICHLAUL	JPSS-1	27.26014	83.66680	12:26:00	D	5.79
37	MAHARAJGANJ	NICHLAUL	JPSS-1	27.26045	83.66550	12:26:00	D	3.39
38	MAHARAJGANJ	NICHLAUL	JPSS-1	27.36936	83.75594	12:26:00	D	4.02
39	MAHARAJGANJ	NICHLAUL	AQUA	27.31841	83.68648	13:56:00	D	11.21
40	MAHARAJGANJ	NICHLAUL	AQUA	27.33311	83.70764	13:56:00	D	5.28
41	MAHARAJGANJ	PHARENDA	JPSS-1	27.13848	83.31464	12:26:00	D	4.19
42	PILHIBHIT	PILHIBHIT	JPSS-1	28.87033	79.76427	14:07:00	D	3.37
43	PILHIBHIT	PURANPUR	JPSS-1	28.63010	80.00754	01:10:00	N	0.40
44	PRATAPGARH	LALGANJ	AQUA	25.80398	81.83612	13:56:00	D	9.18
45	RAIBEARELI	UNCHAHAR	JPSS-1	26.05883	81.32266	12:26:00	D	3.70
46	SANTKABIRNAGAR	GHANGHATA	JPSS-1	26.49325	83.11652	12:26:00	D	1.52
47	SANTKABIRNAGAR	KHALILABAD	AQUA	26.85842	82.85706	13:56:00	D	5.52
48	SANTRAVIDASNAGAR	AURAI	JPSS-1	25.26421	82.58900	12:26:00	D	1.99
49	SHAHJAHANPUR	PUWANYA	AQUA	28.00667	80.11765	13:56:00	D	6.58
50	SHAHJAHANPUR	PUWANYA	AQUA	28.21232	80.17044	13:56:00	D	14.23
51	SHAHJAHANPUR	PUWANYA	AQUA	28.22239	80.16814	13:56:00	D	35.42
52	SHRAWASTI	IKAUNA	JPSS-1	27.67787	81.78268	12:28:00	D	1.57
53	SIDDHARTHANAGAR	ITWA	JPSS-1	27.29236	82.71198	12:26:00	D	1.84
54	SITAPUR	BISWAN	JPSS-1	27.47957	80.92536	14:07:00	D	4.16
55	SITAPUR	BISWAN	JPSS-1	27.48216	80.92649	14:07:00	D	4.43
56	SITAPUR	MISRIK	AQUA	27.44566	80.50753	13:56:00	D	29.89
57	SITAPUR	MISRIK	AQUA	27.45372	80.50032	13:56:00	D	12.00
58	SITAPUR	MISRIK	AQUA	27.45566	80.50529	13:56:00	D	10.38
59	SULTANPUR	KADIRPUR	JPSS-1	26.22754	82.65205	12:26:00	D	4.35
60	UNNAO	PURWA	AQUA	26.43700	80.94396	13:56:00	D	10.25

### Details of residue burning events in Rajasthan on 07-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	BARAN	KISHANGUNJ	JPSS-1	25.00591	76.69584	14:07:00	D	1.76
2	BARAN	KISHANGUNJ	JPSS-1	25.00661	76.82011	14:07:00	D	4.47
3	BARAN	KISHANGUNJ	JPSS-1	25.00690	76.82347	14:07:00	D	8.64
4	BARAN	KISHANGUNJ	JPSS-1	25.34750	76.60827	14:07:00	D	2.16
5	BARAN	MANGROL	JPSS-1	25.38921	76.55728	14:07:00	D	1.23
6	BARAN	SHAHBAD	JPSS-1	25.19309	76.95655	14:07:00	D	2.10
7	BARAN	SHAHBAD	JPSS-1	25.23188	76.96964	14:07:00	D	1.41
8	BUNDI	BUNDI	JPSS-1	25.29721	75.67033	14:07:00	D	4.73
9	BUNDI	BUNDI	JPSS-1	25.31038	75.55267	14:07:00	D	7.54
10	BUNDI	BUNDI	JPSS-1	25.32984	75.65493	14:07:00	D	9.74
11	BUNDI	BUNDI	JPSS-1	25.37943	75.81480	14:07:00	D	5.05
12	BUNDI	KESHORAIPATAN	JPSS-1	25.30376	75.98145	14:07:00	D	3.75
13	BUNDI	KESHORAIPATAN	JPSS-1	25.35670	75.99293	14:07:00	D	7.61
14	BUNDI	KESHORAIPATAN	JPSS-1	25.35726	75.99901	14:07:00	D	3.49
15	CHITTAURGARH	NIMBAHERA	JPSS-1	24.66204	74.62759	01:12:00	N	2.06
16	GANGANAGAR	ANAPGARH	JPSS-1	29.16286	73.28332	14:07:00	D	12.67
17	GANGANAGAR	ANAPGARH	JPSS-1	29.16722	73.28277	14:07:00	D	12.67
18	GANGANAGAR	ANAPGARH	JPSS-1	29.23226	73.12813	14:07:00	D	6.24
19	GANGANAGAR	SURATGARH	JPSS-1	29.37534	73.73418	14:07:00	D	1.91
20	GANGANAGAR	VIJAY NAGAR	JPSS-1	29.16344	73.46831	14:07:00	D	1.98
21	GANGANAGAR	VIJAY NAGAR	JPSS-1	29.18000	73.50082	14:07:00	D	1.55
22	GANGANAGAR	VIJAY NAGAR	JPSS-1	29.19323	73.49920	14:07:00	D	4.50
23	GANGANAGAR	VIJAY NAGAR	JPSS-1	29.21430	73.53136	14:07:00	D	4.19
24	GANGANAGAR	VIJAY NAGAR	JPSS-1	29.27244	73.63154	14:07:00	D	6.00
25	GANGANAGAR	VIJAY NAGAR	JPSS-1	29.27291	73.63652	14:07:00	D	6.00
26	GANGANAGAR	VIJAY NAGAR	JPSS-1	29.27409	73.63440	14:07:00	D	13.03
27	GANGANAGAR	VIJAY NAGAR	JPSS-1	29.27559	73.57065	14:07:00	D	5.43
28	GANGANAGAR	VIJAY NAGAR	JPSS-1	29.34270	73.70441	14:07:00	D	11.73
29	GANGANAGAR	VIJAY NAGAR	JPSS-1	29.34320	73.70947	14:07:00	D	11.73
30	HANUMANGARH	HANUMANGARH	JPSS-1	29.53383	74.23933	14:07:00	D	4.32
31	HANUMANGARH	PILIBANGA	JPSS-1	29.40598	73.96628	14:07:00	D	4.16
32	HANUMANGARH	PILIBANGA	JPSS-1	29.41101	73.97099	14:07:00	D	4.45

33	HANUMANGARH	PILIBANGA	JPSS-1	29.45285	74.07342	14:07:00	D	8.21
34	HANUMANGARH	PILIBANGA	JPSS-1	29.46613	74.01789	14:07:00	D	5.87
35	HANUMANGARH	PILIBANGA	JPSS-1	29.47070	74.01733	14:07:00	D	5.87
36	HANUMANGARH	RAWATSAR	JPSS-1	29.29658	74.28249	14:07:00	D	5.91
37	HANUMANGARH	SANGHRIYA	JPSS-1	29.86387	74.50031	14:07:00	D	3.42
38	HANUMANGARH	TIBI	JPSS-1	29.41790	74.49113	14:07:00	D	2.09
39	HANUMANGARH	TIBI	JPSS-1	29.42577	74.52466	14:07:00	D	10.51
40	HANUMANGARH	TIBI	JPSS-1	29.51226	74.51323	14:07:00	D	3.94
41	HANUMANGARH	TIBI	JPSS-1	29.54213	74.52714	14:07:00	D	26.02
42	HANUMANGARH	TIBI	JPSS-1	29.56790	74.54744	14:07:00	D	22.54
43	HANUMANGARH	TIBI	JPSS-1	29.56901	74.54501	14:07:00	D	23.02
44	HANUMANGARH	TIBI	JPSS-1	29.59542	74.46690	14:07:00	D	6.38
45	HANUMANGARH	TIBI	JPSS-1	29.64146	74.50202	14:07:00	D	11.34
46	KOTA	LADPURA	JPSS-1	25.08064	75.97878	14:07:00	D	4.41
47	KOTA	LADPURA	JPSS-1	25.15011	76.00626	14:07:00	D	3.19
48	KOTA	LADPURA	JPSS-1	25.16656	76.02273	14:07:00	D	2.57
49	KOTA	LADPURA	JPSS-1	25.23501	75.96071	14:07:00	D	4.15
50	KOTA	PIPALDA	JPSS-1	25.44614	76.52419	14:07:00	D	3.66
51	KOTA	PIPALDA	JPSS-1	25.45305	76.54343	14:07:00	D	3.18
52	KOTA	PIPALDA	JPSS-1	25.45755	76.53630	14:07:00	D	6.65
53	KOTA	PIPALDA	JPSS-1	25.48152	76.51722	14:07:00	D	3.84
54	KOTA	PIPALDA	JPSS-1	25.48455	76.51524	14:07:00	D	3.85
55	KOTA	PIPALDA	JPSS-1	25.61285	76.47314	14:07:00	D	1.91
56	KOTA	PIPALDA	JPSS-1	25.65775	76.45831	14:07:00	D	1.73
57	KOTA	PIPALDA	JPSS-1	25.66284	76.45779	14:07:00	D	1.73
58	KOTA	PIPALDA	JPSS-1	25.66793	76.45724	14:07:00	D	3.78
59	KOTA	PIPALDA	JPSS-1	25.67750	76.44962	14:07:00	D	2.91
60	KOTA	PIPALDA	JPSS-1	25.67780	76.45290	14:07:00	D	2.91
61	KOTA	PIPALDA	JPSS-1	25.71575	76.43739	14:07:00	D	4.19
62	KOTA	PIPALDA	JPSS-1	25.71605	76.44068	14:07:00	D	4.19
63	KOTA	SANGOD	JPSS-1	25.01091	76.10009	14:07:00	D	9.58
64	SWAIMADHOPUR	KHANDAR	JPSS-1	25.85627	76.53268	14:07:00	D	4.82
65	SWAIMADHOPUR	KHANDAR	JPSS-1	25.87980	76.56410	14:07:00	D	4.13
66	SWAIMADHOPUR	KHANDAR	JPSS-1	25.89152	76.52219	14:07:00	D	3.83
67	SWAIMADHOPUR	KHANDAR	JPSS-1	25.91821	76.70075	14:07:00	D	4.25
68	SWAIMADHOPUR	KHANDAR	JPSS-1	25.93804	76.61101	14:07:00	D	2.82

### Details of residue burning events in Madhya Pradesh on 07-Nov-2024

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	JPSS-1	24.53605	77.77855	14:04:00	D	2.17
2	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.34335	77.93042	14:04:00	D	3.08
3	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.34366	77.92981	14:04:00	D	1.74
4	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.37281	77.94669	14:04:00	D	2.96
5	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.38683	77.98101	14:04:00	D	2.79
6	ASHOKNAGAR	MUNGAOLI	JPSS-1	24.47640	78.05296	14:04:00	D	3.02
7	BHIND	GOHAD	JPSS-1	26.44337	78.31591	14:07:00	D	3.14
8	BHIND	GOHAD	JPSS-1	26.44563	78.36365	12:28:00	D	4.56
9	BHIND	GOHAD	JPSS-1	26.44622	78.36350	12:28:00	D	7.29
10	BHIND	GOHAD	JPSS-1	26.47113	78.43432	12:28:00	D	4.40
11	BHIND	GOHAD	JPSS-1	26.47129	78.43439	12:28:00	D	3.78
12	BHIND	GOHAD	JPSS-1	26.51054	78.43181	14:07:00	D	3.97
13	BHIND	GOHAD	JPSS-1	26.51077	78.43248	14:07:00	D	5.52
14	BHIND	MAJHGAWAN	JPSS-1	26.26856	78.90592	12:26:00	D	6.15
15	BHIND	MAJHGAWAN	JPSS-1	26.26980	78.90356	12:26:00	D	5.37
16	BHOPAL	HUZUR	JPSS-1	23.09525	77.45763	14:04:00	D	2.23
17	BHOPAL	HUZUR	JPSS-1	23.14473	77.53565	14:04:00	D	2.13
18	BHOPAL	HUZUR	JPSS-1	23.16189	77.54814	14:04:00	D	1.55
19	DAMOH	TENDUKHERA	JPSS-1	23.56027	79.41402	14:04:00	D	6.03
20	DATIA	BHANDER	JPSS-1	25.87830	78.75078	14:07:00	D	5.32
21	DATIA	BHANDER	JPSS-1	25.93812	78.83987	14:07:00	D	3.07
22	DATIA	BHANDER	JPSS-1	25.97201	78.73834	14:07:00	D	2.30
23	DATIA	SEONDHA	JPSS-1	25.81044	78.61700	14:07:00	D	5.83
24	DATIA	SEONDHA	JPSS-1	25.82412	78.56577	14:07:00	D	5.99
25	DATIA	SEONDHA	JPSS-1	25.85918	78.59112	12:26:00	D	5.78
26	DATIA	SEONDHA	JPSS-1	25.85979	78.59087	12:26:00	D	6.02
27	DATIA	SEONDHA	JPSS-1	25.91346	78.58713	12:26:00	D	11.24
28	DATIA	SEONDHA	JPSS-1	25.91746	78.64079	14:07:00	D	4.78
29	DATIA	SEONDHA	JPSS-1	26.01579	78.70425	14:07:00	D	11.32

30	DATIA	SEONDHA	JPSS-1	26.03962	78.70691	14:07:00	D	5.48
31	DATIA	SEONDHA	JPSS-1	26.06827	78.69521	14:07:00	D	4.74
32	DATIA	SEONDHA	JPSS-1	26.07619	78.74101	12:26:00	D	5.80
33	DATIA	SEONDHA	JPSS-1	26.07679	78.74038	12:26:00	D	10.98
34	DHAR	MANAWAR	JPSS-1	22.10481	75.01084	14:04:00	D	4.33
35	DHAR	MANAWAR	JPSS-1	22.26547	75.13038	02:55:00	N	1.35
36	GUNA	CHACHAURA	JPSS-1	24.27263	77.10692	14:04:00	D	1.36
37	GUNA	GUNA	JPSS-1	24.48855	77.37366	14:04:00	D	2.86
38	GWALIOR	BHITARWAR	JPSS-1	25.81709	78.04234	14:07:00	D	3.19
39	GWALIOR	BHITARWAR	JPSS-1	25.83773	78.04472	14:07:00	D	2.38
40	GWALIOR	BHITARWAR	JPSS-1	25.83995	78.04457	14:07:00	D	2.51
41	GWALIOR	BHITARWAR	JPSS-1	25.91466	78.08418	14:07:00	D	2.95
42	GWALIOR	BHITARWAR	JPSS-1	25.91671	78.10954	14:07:00	D	3.72
43	GWALIOR	BHITARWAR	JPSS-1	25.92286	78.18610	14:07:00	D	7.55
44	GWALIOR	BHITARWAR	JPSS-1	25.92496	78.19201	12:26:00	D	7.16
45	GWALIOR	BHITARWAR	JPSS-1	25.95594	78.10171	14:07:00	D	3.33
46	GWALIOR	DABRA	JPSS-1	25.92112	78.19316	12:26:00	D	3.35
47	HOSHANGABAD	BABAI	JPSS-1	22.63589	77.98263	14:04:00	D	2.30
48	HOSHANGABAD	BABAI	JPSS-1	22.66251	77.95121	14:04:00	D	2.79
49	HOSHANGABAD	BABAI	JPSS-1	22.66349	77.96224	14:04:00	D	2.17
50	HOSHANGABAD	BABAI	JPSS-1	22.70103	78.01462	14:04:00	D	2.62
51	HOSHANGABAD	BABAI	JPSS-1	22.70407	77.98801	14:04:00	D	2.60
52	HOSHANGABAD	BABAI	JPSS-1	22.70510	77.99924	14:04:00	D	3.72
53	HOSHANGABAD	BABAI	JPSS-1	22.71851	77.90831	14:04:00	D	2.64
54	HOSHANGABAD	BABAI	JPSS-1	22.72081	77.87483	14:04:00	D	1.95
55	HOSHANGABAD	BABAI	JPSS-1	22.72115	77.87847	14:04:00	D	1.95
56	HOSHANGABAD	BABAI	JPSS-1	22.74553	78.02170	14:04:00	D	3.86
57	HOSHANGABAD	BABAI	JPSS-1	22.75489	77.91968	14:04:00	D	2.95
58	HOSHANGABAD	BABAI	JPSS-1	22.75697	77.91191	14:04:00	D	6.20
59	HOSHANGABAD	BABAI	JPSS-1	22.75963	77.91177	14:04:00	D	3.20
60	HOSHANGABAD	BABAI	JPSS-1	22.77790	77.87292	14:04:00	D	5.27
61	HOSHANGABAD	BABAI	JPSS-1	22.77823	77.87661	14:04:00	D	6.28
62	HOSHANGABAD	BABAI	JPSS-1	22.79339	77.86401	14:04:00	D	10.42



63	HOSHANGABAD	BABAI	JPSS-1	22.80453	77.98603	14:04:00	D	1.79
64	HOSHANGABAD	BABAI	JPSS-1	22.80719	77.89585	14:04:00	D	2.50
65	HOSHANGABAD	BABAI	JPSS-1	22.80914	77.79988	14:04:00	D	3.25
66	HOSHANGABAD	BABAI	JPSS-1	22.82797	77.82733	14:04:00	D	1.93
67	HOSHANGABAD	BABAI	AQUA	22.75795	77.90002	13:54:00	D	23.19
68	HOSHANGABAD	BABAI	AQUA	22.80152	77.85804	13:54:00	D	28.73
69	HOSHANGABAD	BANKHERI	JPSS-1	22.82884	78.57738	14:04:00	D	3.51
70	HOSHANGABAD	BANKHERI	JPSS-1	22.83203	78.54838	14:04:00	D	3.90
71	HOSHANGABAD	BANKHERI	JPSS-1	22.84046	78.58041	14:04:00	D	4.33
72	HOSHANGABAD	BANKHERI	JPSS-1	22.84151	78.59269	14:04:00	D	6.36
73	HOSHANGABAD	BANKHERI	JPSS-1	22.86995	78.52846	14:04:00	D	6.84
74	HOSHANGABAD	BANKHERI	JPSS-1	22.87031	78.53251	14:04:00	D	6.84
75	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.60192	77.68286	14:04:00	D	4.43
76	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.60553	77.66473	14:04:00	D	1.33
77	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.62547	77.54329	14:04:00	D	4.85
78	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.63503	77.53177	14:04:00	D	1.83
79	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.64730	77.66459	14:04:00	D	6.43
80	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.64763	77.66813	14:04:00	D	6.43
81	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.65261	77.66402	14:04:00	D	6.43
82	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.65293	77.66756	14:04:00	D	6.43
83	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.65489	77.68880	14:04:00	D	11.67
84	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.65791	77.66348	14:04:00	D	3.03
85	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.65890	77.67406	14:04:00	D	3.90
86	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.66021	77.68823	14:04:00	D	4.22
87	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.66256	77.65585	14:04:00	D	18.28
88	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.66585	77.69123	14:04:00	D	3.99
89	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.67050	77.68356	14:04:00	D	11.60
90	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.67176	77.81362	14:04:00	D	3.83
91	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.67316	77.71209	14:04:00	D	6.85
92	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.67814	77.65075	14:04:00	D	1.91
93	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.67981	77.72579	14:04:00	D	2.82
94	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.69450	77.76768	14:04:00	D	6.91
95	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.69518	77.77487	14:04:00	D	2.85

96	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.69551	77.77847	14:04:00	D	2.85
97	HOSHANGABAD	HOSHANGABAD	JPSS-1	22.70255	77.79591	14:04:00	D	4.60
98	HOSHANGABAD	HOSHANGABAD	AQUA	22.65671	77.67226	13:54:00	D	47.10
99	HOSHANGABAD	HOSHANGABAD	AQUA	22.66387	77.67525	13:54:00	D	40.32
100	HOSHANGABAD	ITARSI	JPSS-1	22.47883	77.84621	14:04:00	D	8.41
101	HOSHANGABAD	ITARSI	JPSS-1	22.47917	77.84987	14:04:00	D	8.02
102	HOSHANGABAD	ITARSI	JPSS-1	22.48453	77.84930	14:04:00	D	6.78
103	HOSHANGABAD	ITARSI	JPSS-1	22.57738	77.82207	14:04:00	D	4.69
104	HOSHANGABAD	ITARSI	JPSS-1	22.60564	77.89274	14:04:00	D	6.78
105	HOSHANGABAD	ITARSI	JPSS-1	22.60828	77.86309	14:04:00	D	8.73
106	HOSHANGABAD	ITARSI	JPSS-1	22.61641	77.89173	14:04:00	D	12.29
107	HOSHANGABAD	ITARSI	JPSS-1	22.61675	77.89536	14:04:00	D	6.78
108	HOSHANGABAD	ITARSI	JPSS-1	22.62160	77.94684	14:04:00	D	2.76
109	HOSHANGABAD	ITARSI	JPSS-1	22.62752	77.89435	14:04:00	D	4.15
110	HOSHANGABAD	ITARSI	JPSS-1	22.64091	77.83136	14:04:00	D	2.34
111	HOSHANGABAD	ITARSI	JPSS-1	22.64221	77.84590	14:04:00	D	3.66
112	HOSHANGABAD	ITARSI	JPSS-1	22.64254	77.84956	14:04:00	D	3.66
113	HOSHANGABAD	ITARSI	JPSS-1	22.64308	77.83043	14:04:00	D	2.54
114	HOSHANGABAD	ITARSI	JPSS-1	22.64484	77.84859	14:04:00	D	5.92
115	HOSHANGABAD	ITARSI	JPSS-1	22.64771	77.78690	14:04:00	D	1.83
116	HOSHANGABAD	ITARSI	JPSS-1	22.65208	77.77557	14:04:00	D	2.07
117	HOSHANGABAD	ITARSI	JPSS-1	22.66079	77.75294	14:04:00	D	1.62
118	HOSHANGABAD	ITARSI	JPSS-1	22.66911	77.78474	14:04:00	D	9.15
119	HOSHANGABAD	ITARSI	JPSS-1	22.67280	77.76624	14:04:00	D	7.70
120	HOSHANGABAD	ITARSI	JPSS-1	22.67313	77.76982	14:04:00	D	6.25
121	HOSHANGABAD	ITARSI	AQUA	22.62142	77.88745	13:54:00	D	36.18
122	HOSHANGABAD	SEONI MALWA	JPSS-1	22.38467	77.46384	14:04:00	D	1.96
123	HOSHANGABAD	SEONI MALWA	JPSS-1	22.38634	77.43428	14:04:00	D	5.60
124	HOSHANGABAD	SEONI MALWA	JPSS-1	22.38706	77.43272	14:04:00	D	2.16
125	HOSHANGABAD	SEONI MALWA	JPSS-1	22.39325	77.45071	14:04:00	D	1.15
126	HOSHANGABAD	SEONI MALWA	JPSS-1	22.43291	77.52788	14:04:00	D	4.03
127	HOSHANGABAD	SEONI MALWA	JPSS-1	22.44101	77.61404	14:04:00	D	1.84
128	HOSHANGABAD	SEONI MALWA	JPSS-1	22.47197	77.54825	14:04:00	D	1.25

129	HOSHANGABAD	SEONI MALWA	JPSS-1	22.47756	77.55116	14:04:00	D	2.29
130	HOSHANGABAD	SEONI MALWA	JPSS-1	22.52595	77.55647	14:04:00	D	1.73
131	HOSHANGABAD	SEONI MALWA	JPSS-1	22.53174	77.61897	14:04:00	D	3.86
132	HOSHANGABAD	SEONI MALWA	JPSS-1	22.54077	77.54449	14:04:00	D	3.06
133	HOSHANGABAD	SEONI MALWA	JPSS-1	22.57790	77.54405	14:04:00	D	2.71
134	HOSHANGABAD	SEONI MALWA	JPSS-1	22.57891	77.55453	14:04:00	D	2.74
135	HOSHANGABAD	SEONI MALWA	JPSS-1	22.60503	77.55226	14:04:00	D	6.35
136	HOSHANGABAD	SEONI MALWA	JPSS-1	22.60522	77.55179	14:04:00	D	6.73
137	HOSHANGABAD	SEONI MALWA	JPSS-1	22.62977	77.53234	14:04:00	D	2.12
138	INDORE	INDORE	JPSS-1	22.68299	75.93875	14:04:00	D	3.70
139	JABALPUR	JABALPUR	JPSS-1	23.21774	79.93996	14:04:00	D	4.32
140	JABALPUR	JABALPUR	JPSS-1	23.31570	79.99651	12:26:00	D	3.94
141	JABALPUR	JABALPUR	JPSS-1	23.31741	79.99519	12:26:00	D	3.76
142	JABALPUR	MAJHOULI	JPSS-1	23.46516	80.01515	14:04:00	D	3.78
143	JABALPUR	PATAN	JPSS-1	23.21335	79.80906	14:04:00	D	3.36
144	JABALPUR	PATAN	JPSS-1	23.22534	79.68273	12:26:00	D	17.92
145	JABALPUR	PATAN	JPSS-1	23.24637	79.79592	12:26:00	D	11.83
146	JABALPUR	PATAN	JPSS-1	23.31997	79.75175	14:04:00	D	1.98
147	JABALPUR	SAHPURA	JPSS-1	23.15694	79.79379	14:04:00	D	5.67
148	JABALPUR	SAHPURA	JPSS-1	23.15790	79.79639	12:26:00	D	8.73
149	JABALPUR	SAHPURA	JPSS-1	23.15831	79.79819	12:26:00	D	7.65
150	JABALPUR	SAHPURA	JPSS-1	23.18265	79.73215	14:04:00	D	8.93
151	JABALPUR	SIHORA	AQUA	23.47736	80.24783	13:54:00	D	9.84
152	KATNI	BAHURIBAND	JPSS-1	23.77882	79.92033	14:04:00	D	3.86
153	KATNI	BAHURIBAND	AQUA	23.62039	80.07433	13:54:00	D	12.40
154	KATNI	DHIMERKHEDA	JPSS-1	23.46627	80.43203	14:04:00	D	7.26
155	MANDLA	NAINPUR	AQUA	22.47879	80.05569	13:54:00	D	21.78
156	NARSHIMAPURA	GADARWARA	JPSS-1	22.81319	78.66159	14:04:00	D	2.49
157	NARSHIMAPURA	GADARWARA	JPSS-1	22.86028	78.67809	14:04:00	D	3.02
158	NARSHIMAPURA	GADARWARA	JPSS-1	22.87874	78.69320	14:04:00	D	2.15
159	NARSHIMAPURA	GADARWARA	JPSS-1	22.88353	78.61771	14:04:00	D	2.45
160	NARSHIMAPURA	GOTECAON	JPSS-1	23.00180	79.54554	14:04:00	D	3.95
161	NARSHIMAPURA	GOTECAON	AQUA	22.98663	79.45853	13:54:00	D	17.10

162	RAISEN	GOHARGANJ	JPSS-1	22.94408	77.54490	14:04:00	D	4.13
163	RAISEN	GOHARGANJ	JPSS-1	22.94440	77.54839	14:04:00	D	4.13
164	RAISEN	GOHARGANJ	JPSS-1	23.01178	77.52752	14:04:00	D	4.17
165	RAISEN	GOHARGANJ	JPSS-1	23.02651	77.62594	14:04:00	D	4.60
166	RAISEN	GOHARGANJ	JPSS-1	23.02708	77.57581	14:04:00	D	1.75
167	RAISEN	GOHARGANJ	JPSS-1	23.03132	77.57422	14:04:00	D	3.86
168	RAISEN	GOHARGANJ	JPSS-1	23.03251	77.63253	14:04:00	D	6.56
169	RAISEN	GOHARGANJ	JPSS-1	23.03523	77.66103	14:04:00	D	8.46
170	RAISEN	GOHARGANJ	JPSS-1	23.03557	77.66459	14:04:00	D	12.55
171	RAISEN	GOHARGANJ	JPSS-1	23.03958	77.48796	14:04:00	D	8.16
172	RAISEN	GOHARGANJ	JPSS-1	23.03990	77.49150	14:04:00	D	4.98
173	RAISEN	GOHARGANJ	JPSS-1	23.04004	77.48925	14:04:00	D	10.03
174	RAISEN	GOHARGANJ	JPSS-1	23.04351	77.59080	14:04:00	D	1.83
175	RAISEN	GOHARGANJ	JPSS-1	23.05348	77.58263	14:04:00	D	3.89
176	RAISEN	GOHARGANJ	JPSS-1	23.06271	77.45039	14:04:00	D	3.00
177	RAISEN	GOHARGANJ	JPSS-1	23.09027	77.57529	14:04:00	D	1.40
178	RAISEN	RAISEN	JPSS-1	23.43550	77.61423	01:12:00	N	0.78
179	RAISEN	RAISEN	JPSS-1	23.47915	77.78493	14:04:00	D	1.91
180	RATLAM	JAURA	JPSS-1	23.72953	75.14588	14:04:00	D	6.46
181	SAGAR	DEVRI	JPSS-1	23.34131	78.95579	14:04:00	D	4.60
182	SEHORE	BUDHNI	JPSS-1	22.67483	77.55928	14:04:00	D	2.95
183	SEHORE	BUDHNI	JPSS-1	22.69189	77.51539	14:04:00	D	8.83
184	SEHORE	BUDHNI	JPSS-1	22.71375	77.46774	14:04:00	D	2.98
185	SEHORE	BUDHNI	JPSS-1	22.71415	77.46739	14:04:00	D	3.40
186	SEHORE	BUDHNI	JPSS-1	22.71510	77.47775	14:04:00	D	4.56
187	SEHORE	BUDHNI	JPSS-1	22.79304	77.91975	14:04:00	D	3.89
188	SEHORE	BUDHNI	JPSS-1	22.80511	77.41797	14:04:00	D	6.36
189	SEHORE	BUDHNI	JPSS-1	22.80903	77.40865	14:04:00	D	3.34
190	SEHORE	BUDHNI	JPSS-1	22.81004	77.41887	14:04:00	D	5.36
191	SEHORE	NASRULLAHGANJ	JPSS-1	22.65808	77.38402	14:04:00	D	3.50
192	SEHORE	NASRULLAHGANJ	JPSS-1	22.66230	77.37330	14:04:00	D	8.38
193	SEHORE	NASRULLAHGANJ	JPSS-1	22.66263	77.37668	14:04:00	D	10.28
194	SEHORE	NASRULLAHGANJ	JPSS-1	22.66850	77.38291	14:04:00	D	1.99

195	SEONI	KEWLARI	JPSS-1	22.25742	79.85993	14:04:00	D	3.92
196	SEONI	KEWLARI	JPSS-1	22.29064	79.89149	14:04:00	D	3.99
197	SEONI	KEWLARI	JPSS-1	22.29213	79.89149	14:04:00	D	2.90
198	SEONI	KEWLARI	JPSS-1	22.30902	79.87357	12:26:00	D	4.80
199	SEONI	KEWLARI	JPSS-1	22.31054	79.87965	12:26:00	D	4.80
200	SEONI	KEWLARI	JPSS-1	22.31146	79.87782	12:26:00	D	15.01
201	SEONI	KEWLARI	JPSS-1	22.31697	79.87779	12:26:00	D	6.14
202	SEONI	KEWLARI	JPSS-1	22.41229	79.86635	14:04:00	D	2.30
203	SEONI	SEONI	JPSS-1	22.21328	79.81573	12:26:00	D	6.39
204	SEONI	SEONI	JPSS-1	22.21482	79.81550	12:26:00	D	6.11
205	SEONI	SEONI	JPSS-1	22.21560	79.72274	14:04:00	D	4.24
206	SEONI	SEONI	JPSS-1	22.31752	79.67980	14:04:00	D	3.35
207	SHEOPUR	KARAHAL	JPSS-1	25.38753	76.87624	14:07:00	D	2.94
208	SHEOPUR	KARAHAL	JPSS-1	25.41516	76.89079	14:07:00	D	4.13
209	SHEOPUR	KARAHAL	JPSS-1	25.41608	76.89047	14:07:00	D	3.94
210	SHEOPUR	KARAHAL	JPSS-1	25.43143	76.88542	14:07:00	D	5.35
211	SHEOPUR	KARAHAL	JPSS-1	25.43842	76.78491	14:07:00	D	2.55
212	SHEOPUR	KARAHAL	JPSS-1	25.47252	76.69965	14:07:00	D	1.95
213	SHEOPUR	KARAHAL	JPSS-1	25.47829	76.70586	14:07:00	D	2.46
214	SHEOPUR	KARAHAL	JPSS-1	25.49315	76.69755	14:07:00	D	4.19
215	SHEOPUR	KARAHAL	JPSS-1	25.49346	76.70091	14:07:00	D	4.72
216	SHEOPUR	KARAHAL	JPSS-1	25.49594	76.72787	14:07:00	D	2.81
217	SHEOPUR	KARAHAL	JPSS-1	25.49906	76.76170	14:07:00	D	2.47
218	SHEOPUR	KARAHAL	JPSS-1	25.50621	76.76637	14:07:00	D	5.45
219	SHEOPUR	KARAHAL	JPSS-1	25.51004	76.76743	14:07:00	D	4.90
220	SHEOPUR	KARAHAL	JPSS-1	25.51036	76.77083	14:07:00	D	4.90
221	SHEOPUR	KARAHAL	JPSS-1	25.51168	76.76926	14:07:00	D	5.45
222	SHEOPUR	KARAHAL	JPSS-1	25.51197	76.77268	14:07:00	D	4.18
223	SHEOPUR	KARAHAL	JPSS-1	25.53671	76.75648	14:07:00	D	3.51
224	SHEOPUR	KARAHAL	JPSS-1	25.58228	77.03772	14:07:00	D	4.42
225	SHEOPUR	KARAHAL	JPSS-1	25.59874	77.04340	14:07:00	D	2.08
226	SHEOPUR	SHEOPUR	JPSS-1	25.40948	76.69258	14:07:00	D	3.06
227	SHEOPUR	SHEOPUR	JPSS-1	25.41723	76.60403	14:07:00	D	3.12

228	SHEOPUR	SHEOPUR	JPSS-1	25.41890	76.68145	14:07:00	D	5.00
229	SHEOPUR	SHEOPUR	JPSS-1	25.42404	76.68093	14:07:00	D	3.42
230	SHEOPUR	SHEOPUR	JPSS-1	25.43195	76.65302	14:07:00	D	3.92
231	SHEOPUR	SHEOPUR	JPSS-1	25.43793	76.72022	14:07:00	D	4.12
232	SHEOPUR	SHEOPUR	JPSS-1	25.45644	76.69448	14:07:00	D	3.34
233	SHEOPUR	SHEOPUR	JPSS-1	25.47007	76.67274	14:07:00	D	3.75
234	SHEOPUR	SHEOPUR	JPSS-1	25.48799	76.69808	14:07:00	D	4.19
235	SHEOPUR	SHEOPUR	JPSS-1	25.48830	76.70145	14:07:00	D	4.72
236	SHEOPUR	SHEOPUR	JPSS-1	25.49877	76.64617	14:07:00	D	1.66
237	SHEOPUR	SHEOPUR	JPSS-1	25.50093	76.64438	14:07:00	D	6.52
238	SHEOPUR	SHEOPUR	JPSS-1	25.50111	76.72736	14:07:00	D	10.61
239	SHEOPUR	SHEOPUR	JPSS-1	25.50220	76.68303	14:07:00	D	6.70
240	SHEOPUR	SHEOPUR	JPSS-1	25.50252	76.68638	14:07:00	D	4.35
241	SHEOPUR	SHEOPUR	JPSS-1	25.50389	76.73926	14:07:00	D	2.13
242	SHEOPUR	SHEOPUR	JPSS-1	25.50391	76.64565	14:07:00	D	4.05
243	SHEOPUR	SHEOPUR	JPSS-1	25.50412	76.68130	14:07:00	D	5.49
244	SHEOPUR	SHEOPUR	JPSS-1	25.50441	76.68465	14:07:00	D	5.32
245	SHEOPUR	SHEOPUR	JPSS-1	25.51307	76.72466	14:07:00	D	2.68
246	SHEOPUR	SHEOPUR	JPSS-1	25.51336	76.72805	14:07:00	D	2.68
247	SHEOPUR	SHEOPUR	JPSS-1	25.51678	76.58876	14:07:00	D	4.45
248	SHEOPUR	SHEOPUR	JPSS-1	25.51735	76.71398	14:07:00	D	4.78
249	SHEOPUR	SHEOPUR	JPSS-1	25.51765	76.71735	14:07:00	D	7.66
250	SHEOPUR	SHEOPUR	JPSS-1	25.51870	76.66963	14:07:00	D	7.26
251	SHEOPUR	SHEOPUR	JPSS-1	25.51899	76.67299	14:07:00	D	7.26
252	SHEOPUR	SHEOPUR	JPSS-1	25.53690	76.64053	14:07:00	D	4.06
253	SHEOPUR	SHEOPUR	JPSS-1	25.54031	76.56288	14:07:00	D	3.23
254	SHEOPUR	SHEOPUR	JPSS-1	25.54393	76.54578	14:07:00	D	2.76
255	SHEOPUR	SHEOPUR	JPSS-1	25.57788	76.52237	14:07:00	D	1.91
256	SHEOPUR	SHEOPUR	JPSS-1	25.58481	76.71056	14:07:00	D	3.33
257	SHEOPUR	SHEOPUR	JPSS-1	25.58635	76.72753	14:07:00	D	3.67
258	SHEOPUR	SHEOPUR	JPSS-1	25.59407	76.64124	14:07:00	D	3.56
259	SHEOPUR	SHEOPUR	JPSS-1	25.59514	76.70952	14:07:00	D	6.31
260	SHEOPUR	SHEOPUR	JPSS-1	25.59845	76.57692	14:07:00	D	2.33

261	SHEOPUR	SHEOPUR	JPSS-1	25.60015	76.53994	14:07:00	D	2.78
262	SHEOPUR	SHEOPUR	JPSS-1	25.60420	76.55059	14:07:00	D	4.29
263	SHEOPUR	SHEOPUR	JPSS-1	25.60620	76.54933	14:07:00	D	5.24
264	SHEOPUR	SHEOPUR	JPSS-1	25.60651	76.55265	14:07:00	D	6.01
265	SHEOPUR	SHEOPUR	JPSS-1	25.60932	76.55006	14:07:00	D	4.29
266	SHEOPUR	SHEOPUR	JPSS-1	25.64567	76.61018	14:07:00	D	7.59
267	SHEOPUR	SHEOPUR	JPSS-1	25.64782	76.57629	14:07:00	D	5.42
268	SHEOPUR	SHEOPUR	JPSS-1	25.65295	76.57575	14:07:00	D	5.42
269	SHEOPUR	SHEOPUR	JPSS-1	25.66289	76.68687	14:07:00	D	2.71
270	SHEOPUR	SHEOPUR	JPSS-1	25.66320	76.57468	14:07:00	D	4.63
271	SHEOPUR	SHEOPUR	JPSS-1	25.66350	76.57800	14:07:00	D	5.79
272	SHEOPUR	SHEOPUR	JPSS-1	25.69458	76.57819	14:07:00	D	1.31
273	SHEOPUR	SHEOPUR	JPSS-1	25.69895	76.51408	14:07:00	D	4.67
274	SHEOPUR	SHEOPUR	JPSS-1	25.70173	76.51225	14:07:00	D	3.27
275	SHEOPUR	SHEOPUR	JPSS-1	25.70202	76.51553	14:07:00	D	3.27
276	SHEOPUR	SHEOPUR	JPSS-1	25.70812	76.64660	14:07:00	D	3.38
277	SHEOPUR	SHEOPUR	JPSS-1	25.71140	76.64774	14:07:00	D	2.80
278	SHEOPUR	SHEOPUR	JPSS-1	25.71415	76.65633	14:07:00	D	10.22
279	SHEOPUR	SHEOPUR	JPSS-1	25.71445	76.65974	14:07:00	D	7.96
280	SHEOPUR	SHEOPUR	JPSS-1	25.71750	76.65744	14:07:00	D	10.63
281	SHEOPUR	SHEOPUR	JPSS-1	25.72106	76.67617	14:07:00	D	4.04
282	SHEOPUR	SHEOPUR	JPSS-1	25.72394	76.53015	14:07:00	D	4.55
283	SHEOPUR	SHEOPUR	JPSS-1	25.72424	76.67387	14:07:00	D	2.98
284	SHEOPUR	SHEOPUR	JPSS-1	25.72456	76.67725	14:07:00	D	2.98
285	SHEOPUR	SHEOPUR	JPSS-1	25.72582	76.69085	14:07:00	D	4.53
286	SHEOPUR	SHEOPUR	JPSS-1	25.72740	76.68927	14:07:00	D	4.08
287	SHEOPUR	SHEOPUR	JPSS-1	25.73169	76.67853	14:07:00	D	2.59
288	SHEOPUR	SHEOPUR	JPSS-1	25.74202	76.67748	14:07:00	D	5.45
289	SHEOPUR	SHEOPUR	JPSS-1	25.74232	76.68088	14:07:00	D	5.45
290	SHEOPUR	SHEOPUR	JPSS-1	25.74480	76.64975	14:07:00	D	6.79
291	SHEOPUR	SHEOPUR	JPSS-1	25.74510	76.65314	14:07:00	D	6.79
292	SHEOPUR	SHEOPUR	JPSS-1	25.75076	76.71786	14:07:00	D	3.93
293	SHEOPUR	SHEOPUR	JPSS-1	25.75791	76.56345	14:07:00	D	8.24



294	SHEOPUR	SHEOPUR	JPSS-1	25.75821	76.56680	14:07:00	D	6.28
295	SHEOPUR	SHEOPUR	JPSS-1	25.75851	76.57016	14:07:00	D	6.28
296	SHEOPUR	SHEOPUR	JPSS-1	25.75992	76.70316	14:07:00	D	9.13
297	SHEOPUR	SHEOPUR	JPSS-1	25.76082	76.71340	14:07:00	D	4.61
298	SHEOPUR	SHEOPUR	JPSS-1	25.76600	76.71289	14:07:00	D	5.82
299	SHEOPUR	SHEOPUR	JPSS-1	25.76908	76.57246	14:07:00	D	5.18
300	SHEOPUR	SHEOPUR	JPSS-1	25.77148	76.71580	14:07:00	D	4.36
301	SHEOPUR	SHEOPUR	JPSS-1	25.77241	76.66749	14:07:00	D	5.44
302	SHEOPUR	SHEOPUR	JPSS-1	25.80535	76.74347	14:07:00	D	2.95
303	SHEOPUR	SHEOPUR	JPSS-1	25.80718	76.59228	14:07:00	D	4.30
304	SHEOPUR	SHEOPUR	JPSS-1	25.80961	76.59165	14:07:00	D	4.46
305	SHEOPUR	SHEOPUR	JPSS-1	25.82261	76.59079	14:07:00	D	4.26
306	SHEOPUR	SHEOPUR	JPSS-1	25.82330	76.71069	14:07:00	D	3.23
307	SHEOPUR	SHEOPUR	JPSS-1	25.82361	76.71413	14:07:00	D	3.23
308	SHEOPUR	SHEOPUR	JPSS-1	25.82505	76.59013	14:07:00	D	4.27
309	SHEOPUR	SHEOPUR	JPSS-1	25.85710	76.60049	14:07:00	D	4.52
310	SHEOPUR	SHEOPUR	JPSS-1	25.88163	76.70108	14:07:00	D	1.53
311	SHEOPUR	SHEOPUR	AQUA	25.58709	76.62484	13:56:00	D	21.06
312	SHEOPUR	SHEOPUR	AQUA	25.59788	76.64412	13:56:00	D	30.41
313	SHEOPUR	SHEOPUR	AQUA	25.76055	76.70170	13:56:00	D	26.11
314	SHIVPURI	KARERA	JPSS-1	25.53919	78.17223	14:07:00	D	0.88
315	SHIVPURI	KOLARAS	JPSS-1	25.08195	77.70116	14:07:00	D	2.28
316	SHIVPURI	POHRI	JPSS-1	25.37267	77.18903	14:07:00	D	6.03
317	SHIVPURI	POHRI	JPSS-1	25.37298	77.19263	14:07:00	D	6.19
318	SHIVPURI	SHIVPURI	JPSS-1	25.26823	77.80388	14:07:00	D	2.73
319	UMARIA	BANDHOGARH	JPSS-1	23.34667	80.88374	01:12:00	N	1.39
320	VIDESHA	VIDESHA	JPSS-1	23.66806	77.79664	14:04:00	D	3.22

**The study used data received from following Satellites at NRSC Ground Station**

S. No.	Satellite Name	Sensor	Resolution (meter)	Day / Night Passes
1.	<del>Suomi NPP</del>	<del>VIIRS</del>	<del>375</del>	<del>Both</del>
2.	JPSS-1 (NOAA -20)	VIIRS	375	Both
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](#)

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