



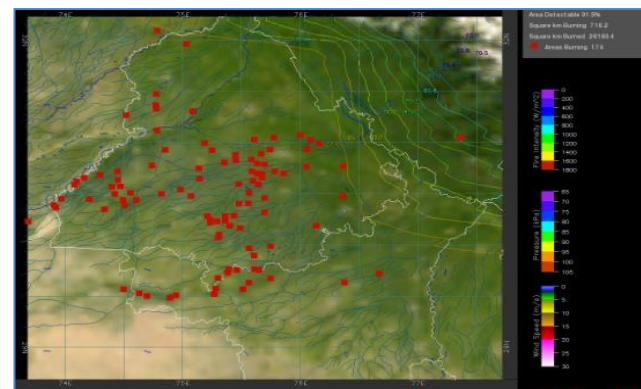
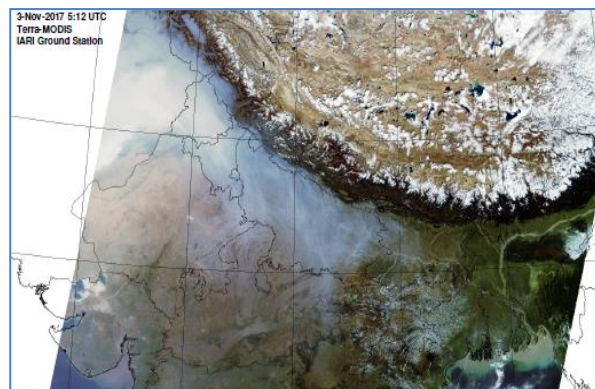
**Bulletin  
No. 73**

**Events Date:  
26-Nov-2021**

**Issued on:  
26-Nov-2021**



# **MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2021**



**Prepared by:**

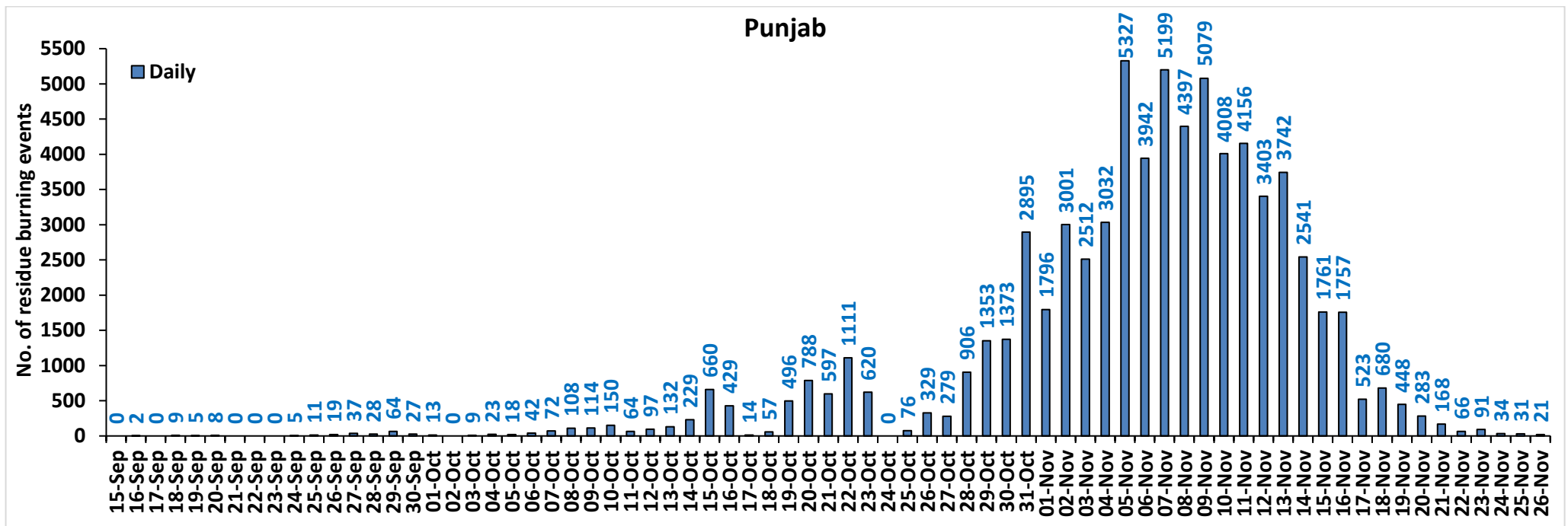
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

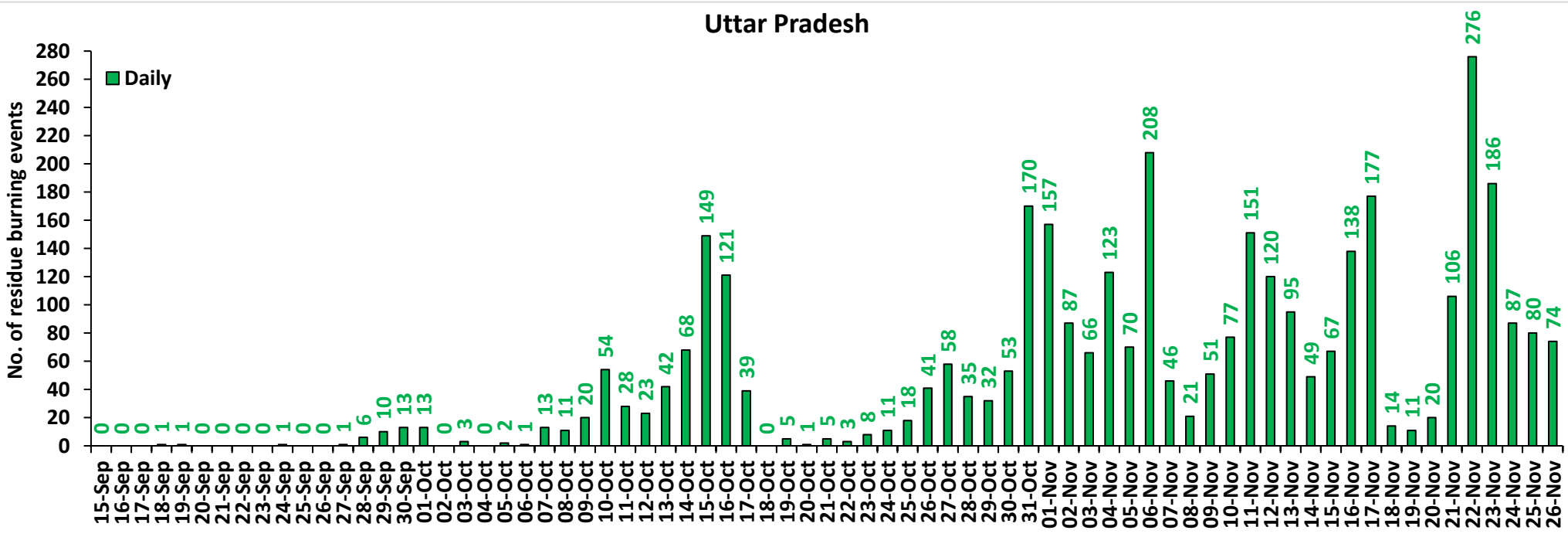
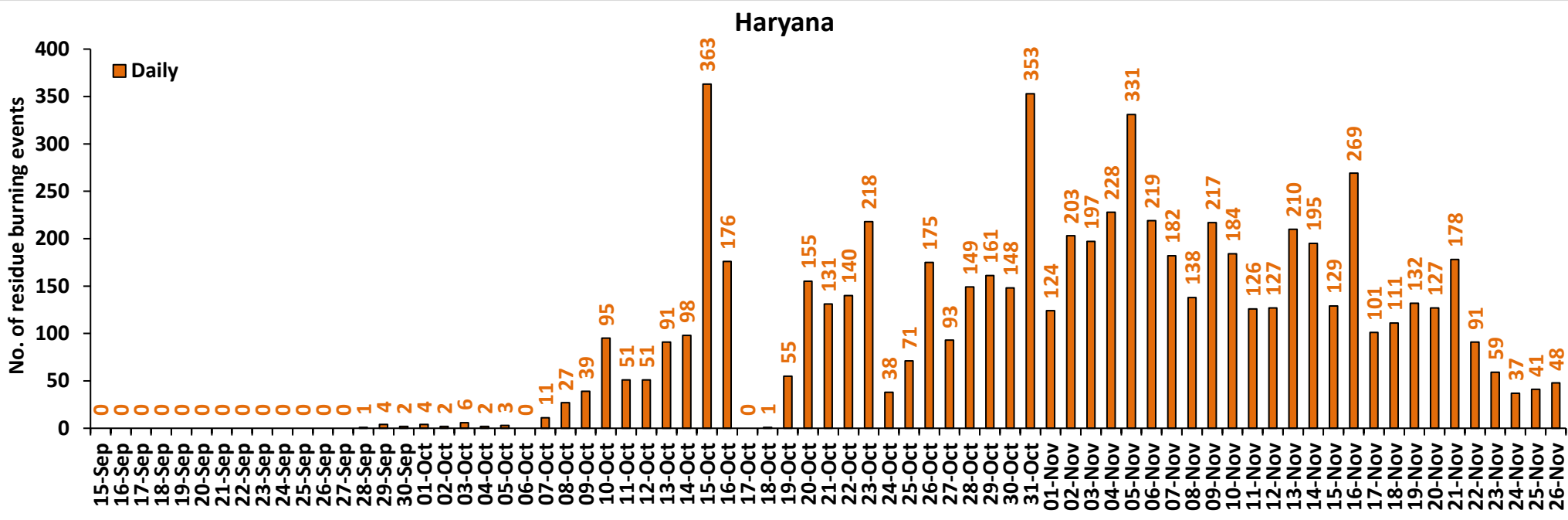
**<http://creams.iari.res.in>**

## Highlights for 26-November-2021

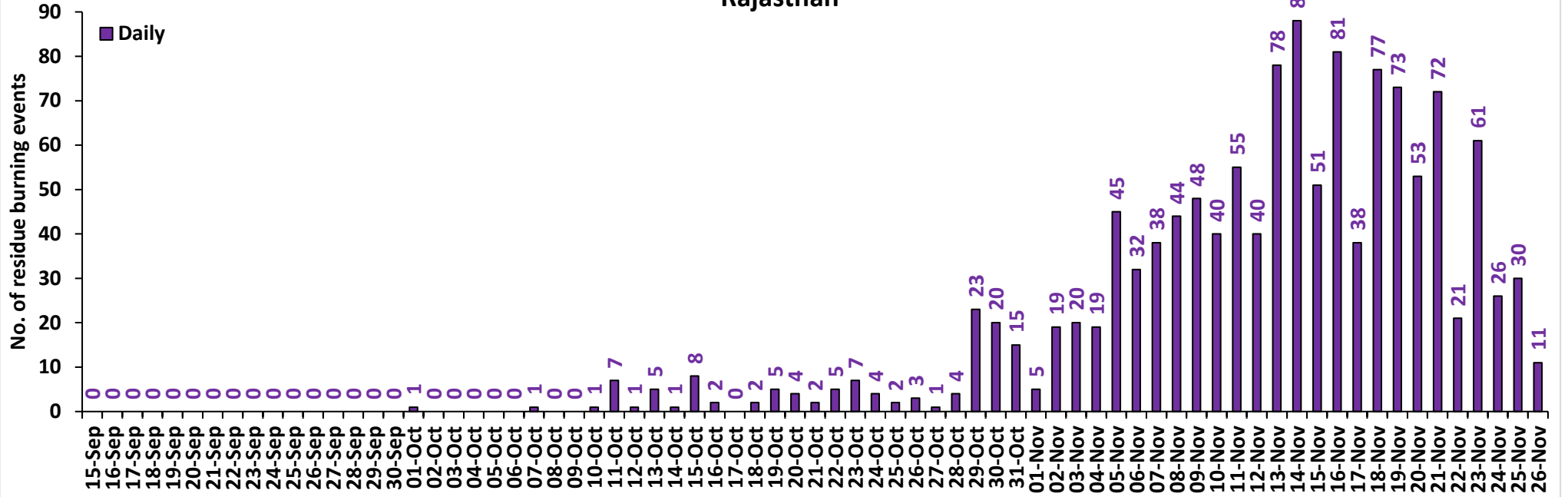
- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the new "Standard Protocol for Estimation of Crop Residue Burning Fire Events using Satellite Data".
- Satellites detected **472** residue burning events in the six study States on 26-Nov-2021.
- The state wise events detected on 26-Nov-21 were **21** in Punjab, **48** in Haryana, **74** in UP, **0** in Delhi, **11** in Raj and **318** in MP.
- The number of events has decreased from **525** on 25-Nov-2021 to **472** on 26-Nov-2021 in the six study states.
- Total **90567** burning events were detected in the six states between 15-Sept-2021 and 26-Nov-2021, which are distributed as **71267**, **6918**, **3617**, **4**, **1289** and **7472** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.
- Overall, the total burning events recorded in the six states are **14.9%** less than in 2020 till date. Punjab recorded **13.8%** reduction, Haryana recorded **71.4%** increase, UP recorded **9.7%** reduction, Delhi recorded **55.6%** reduction, Rajasthan recorded **22.6%** reduction and MP recorded **46.4%** reduction, in the current season than in 2020.

### Temporal distribution of rice residue burning events for the study States in 2021

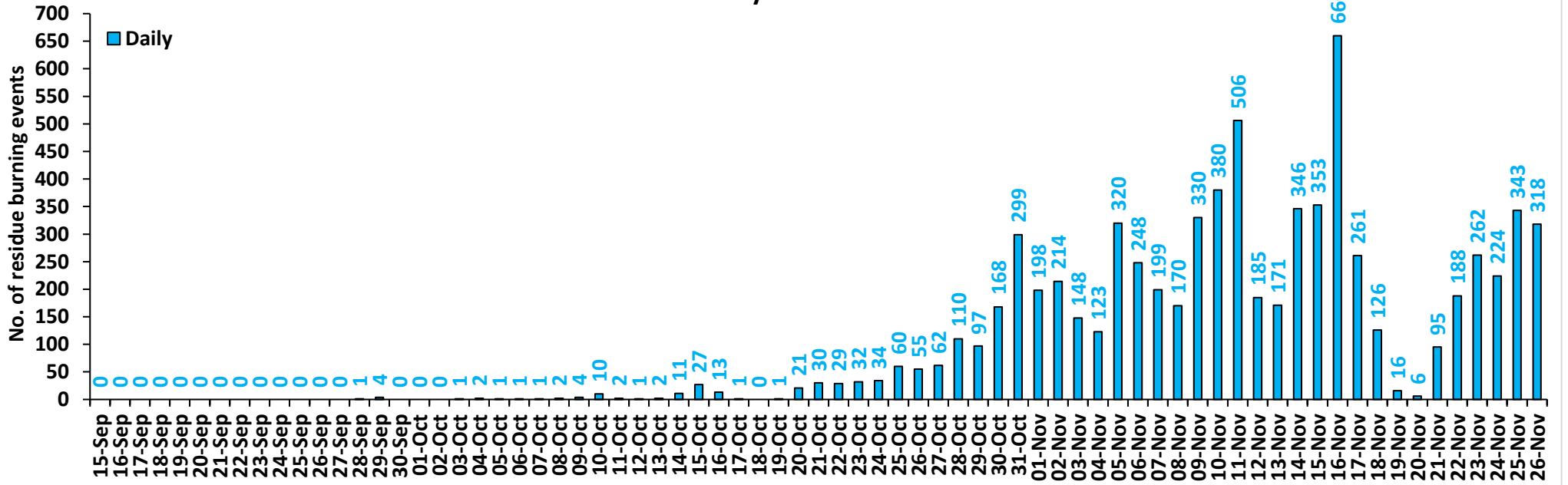




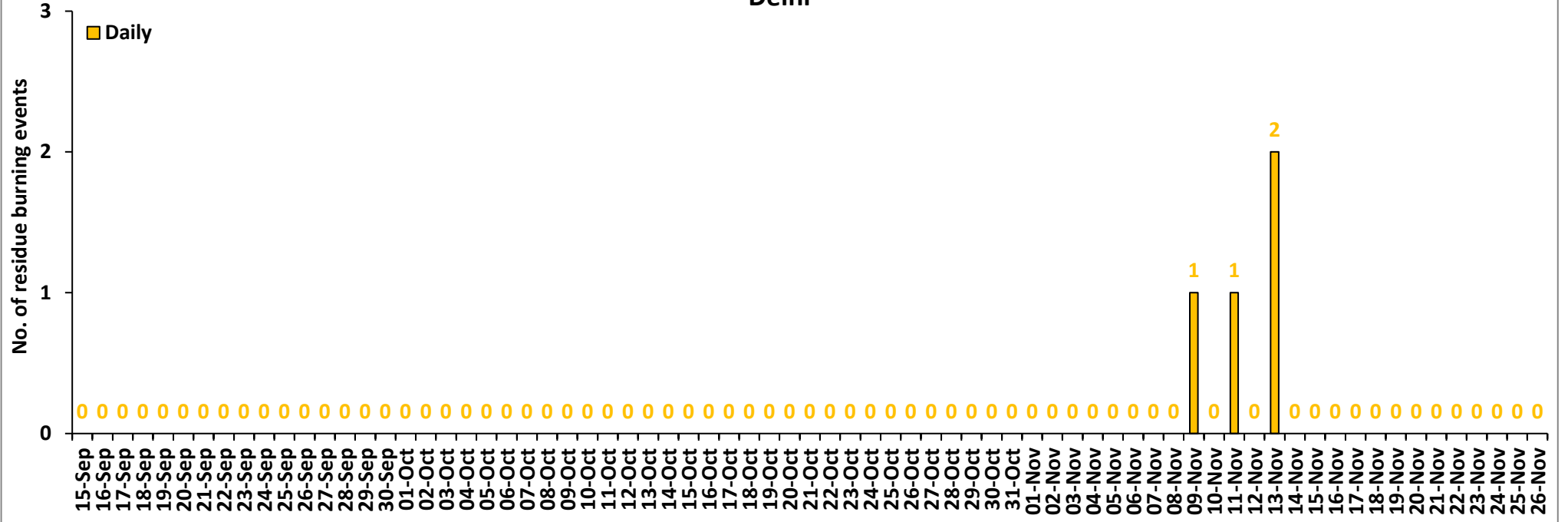
### Rajasthan



### Madhya Pradesh

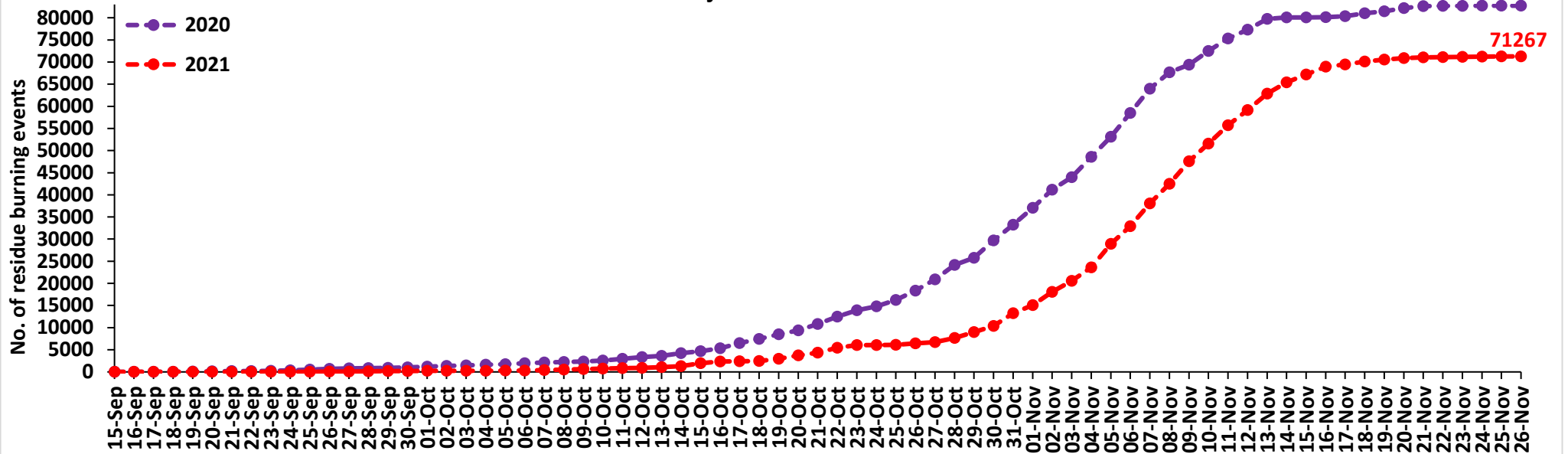


# Delhi

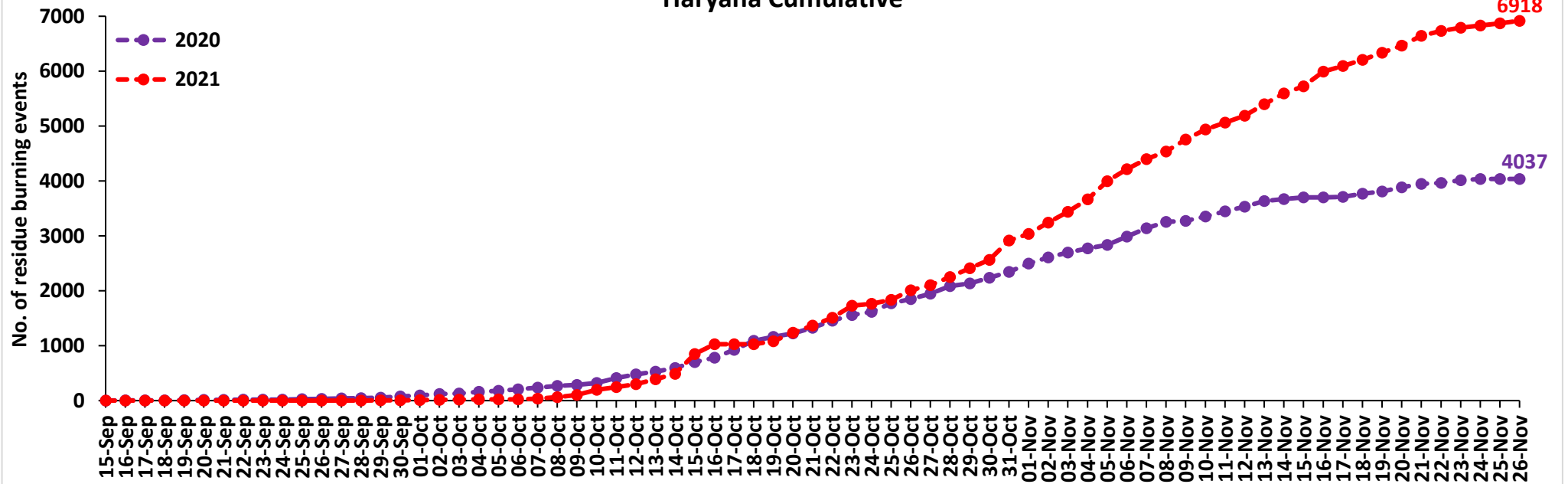


**Comparison of residue burning events in current year (2021) with previous year (2020) for the study States**

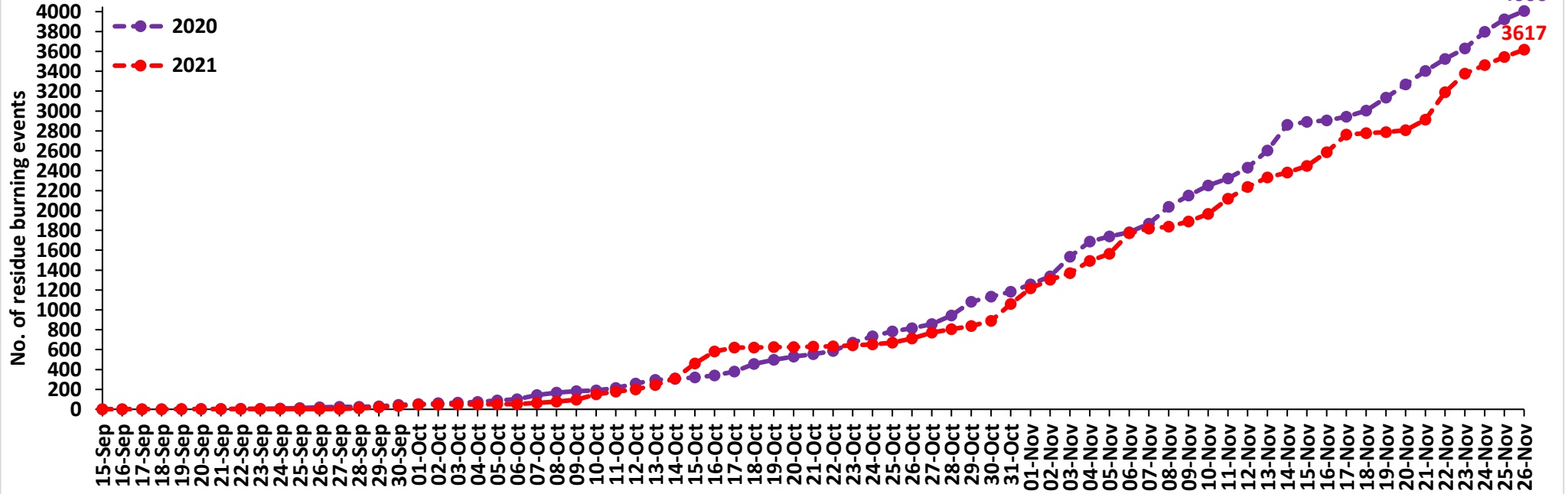
**Punjab Cumulative**



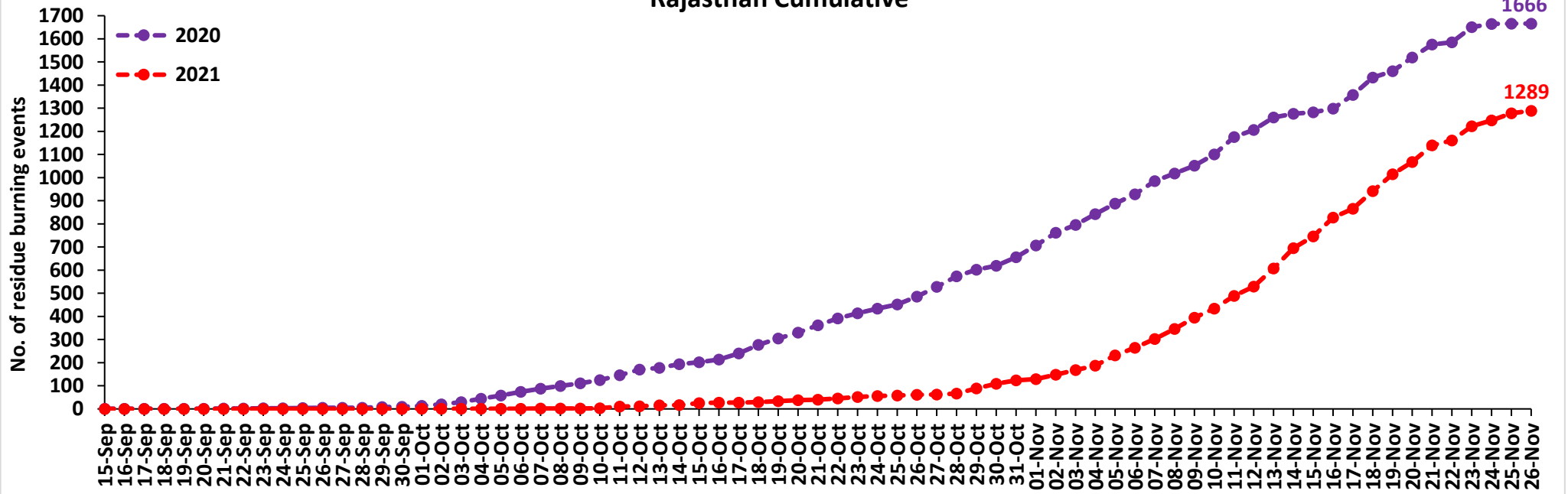
**Haryana Cumulative**



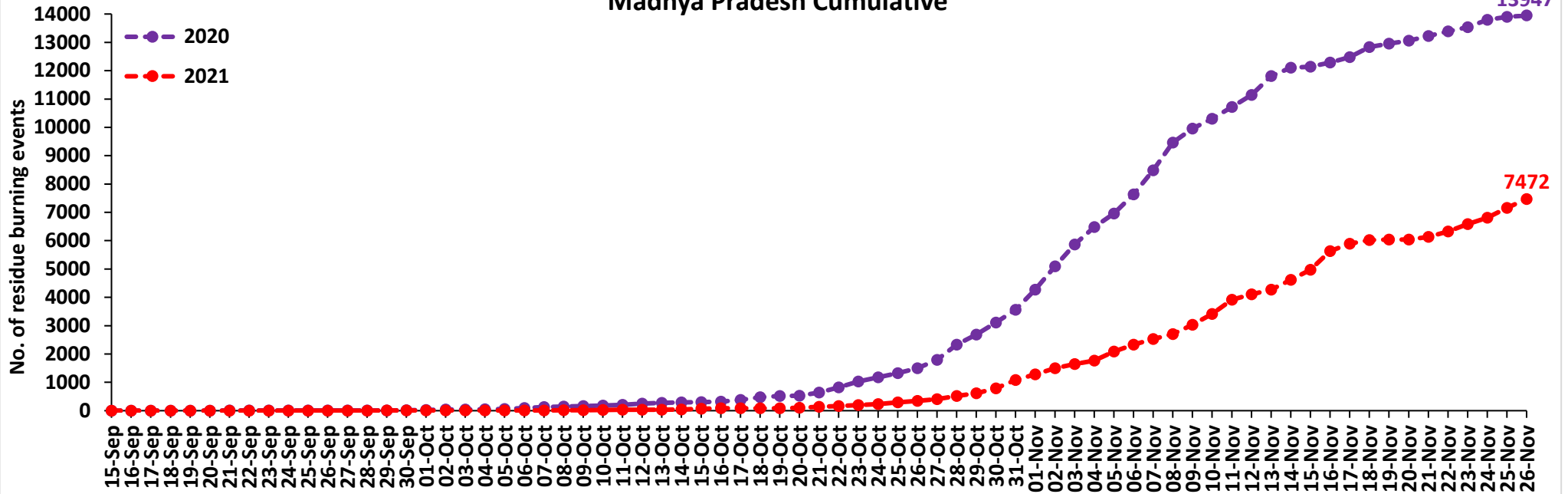
### Uttar Pradesh Cumulative



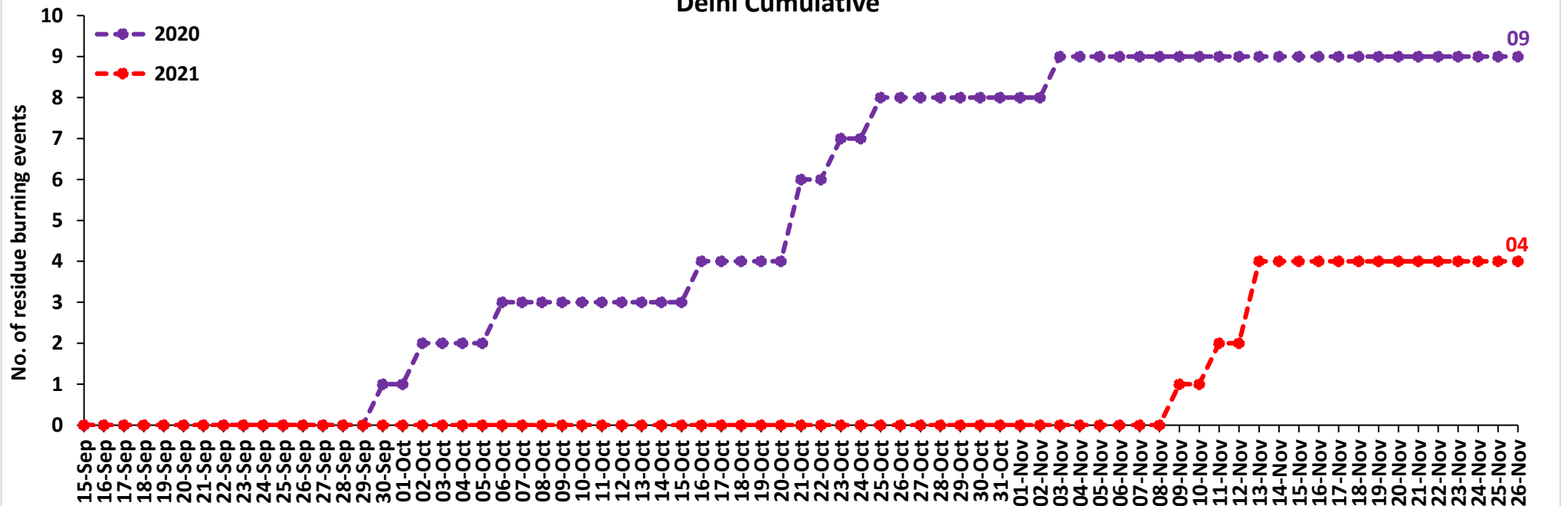
### Rajasthan Cumulative



### Madhya Pradesh Cumulative



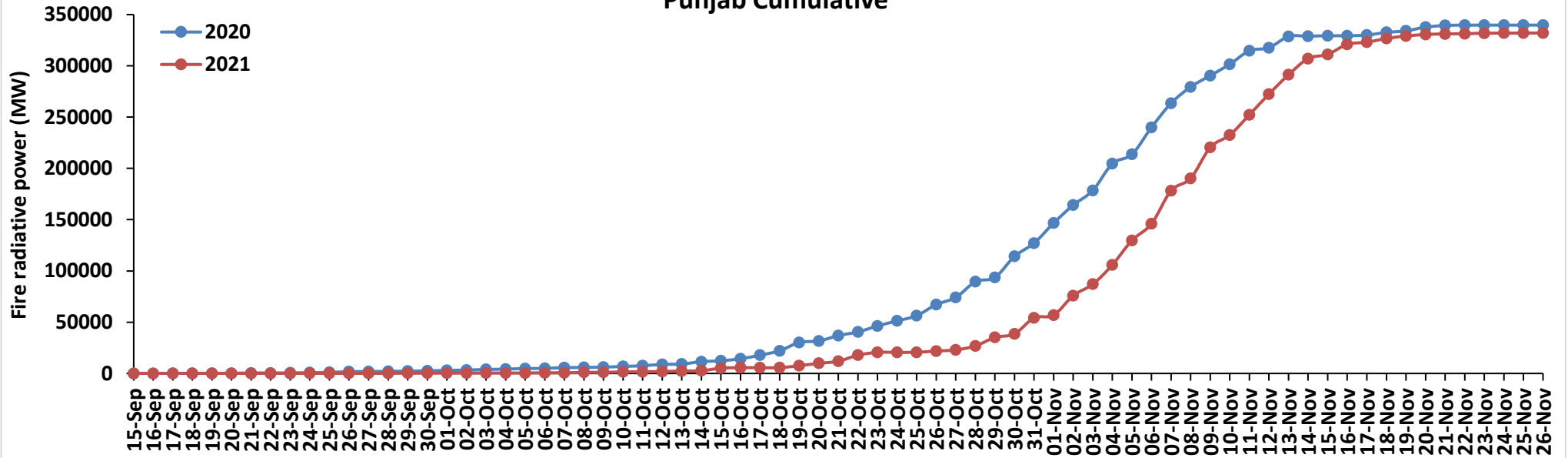
### Delhi Cumulative



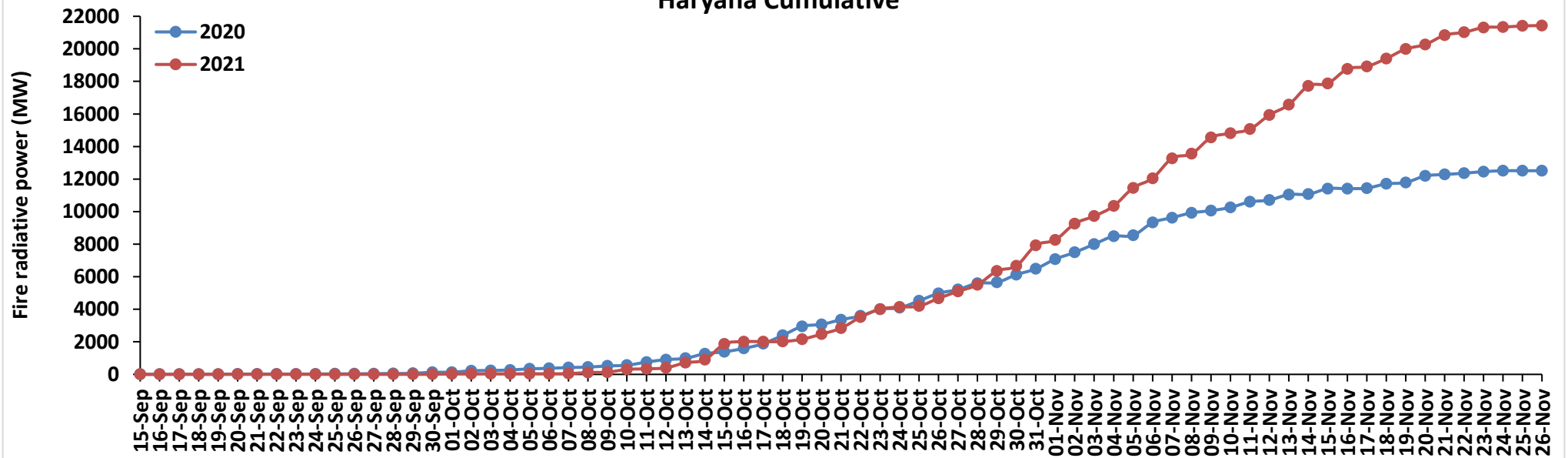


### Comparison of residue burning fire power in current year (2021) with previous year (2020) for the study States

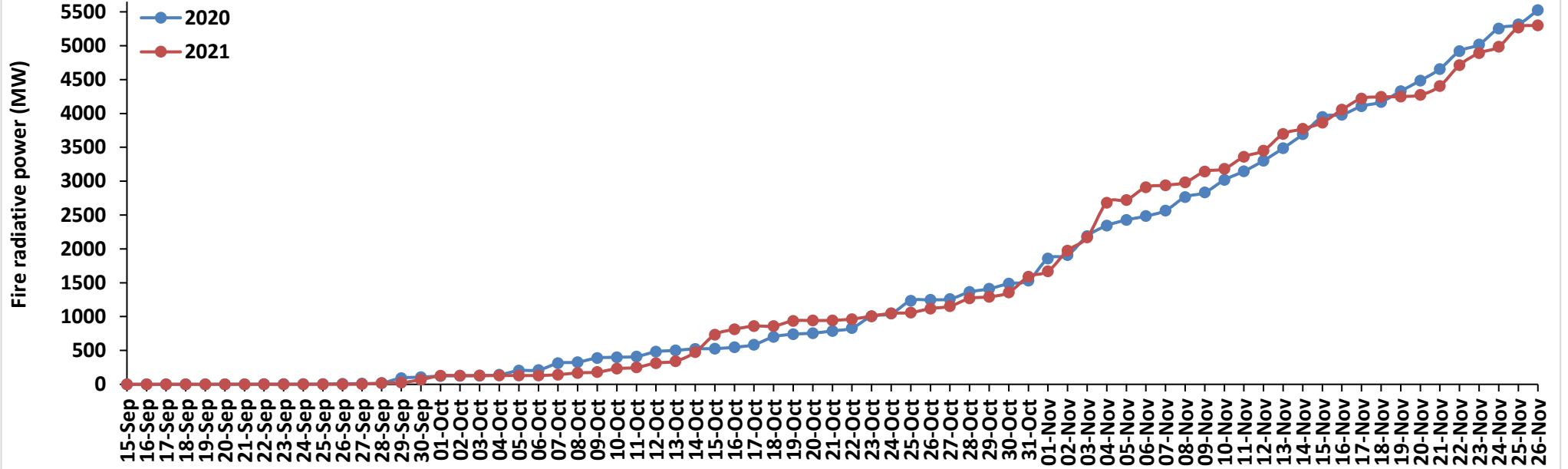
#### Punjab Cumulative



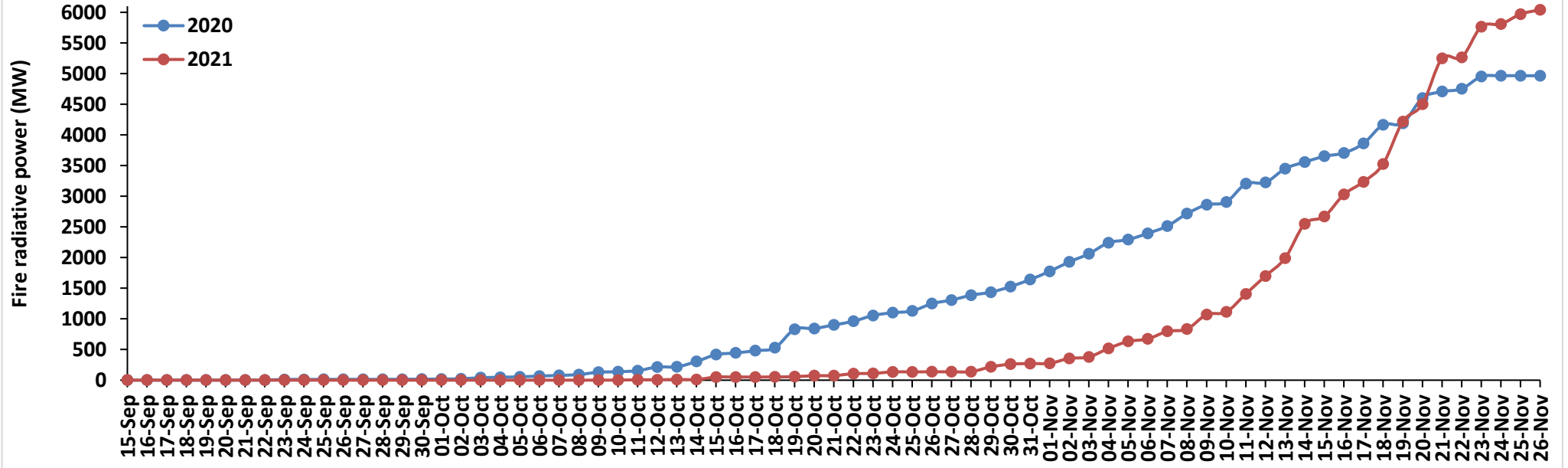
#### Haryana Cumulative



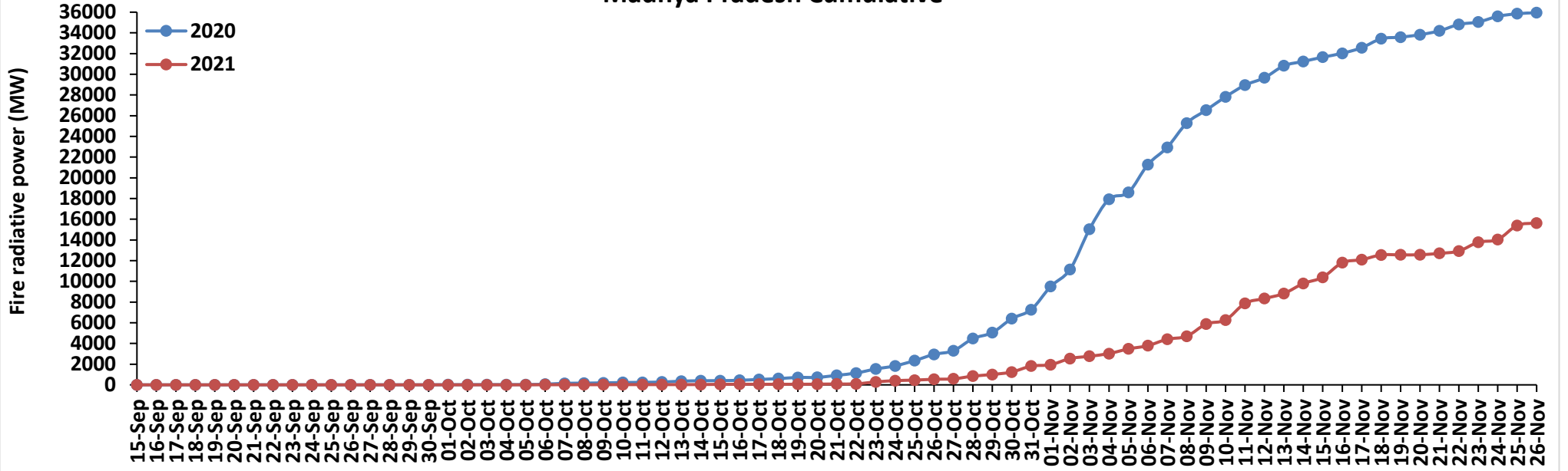
### Uttar Pradesh Cumulative



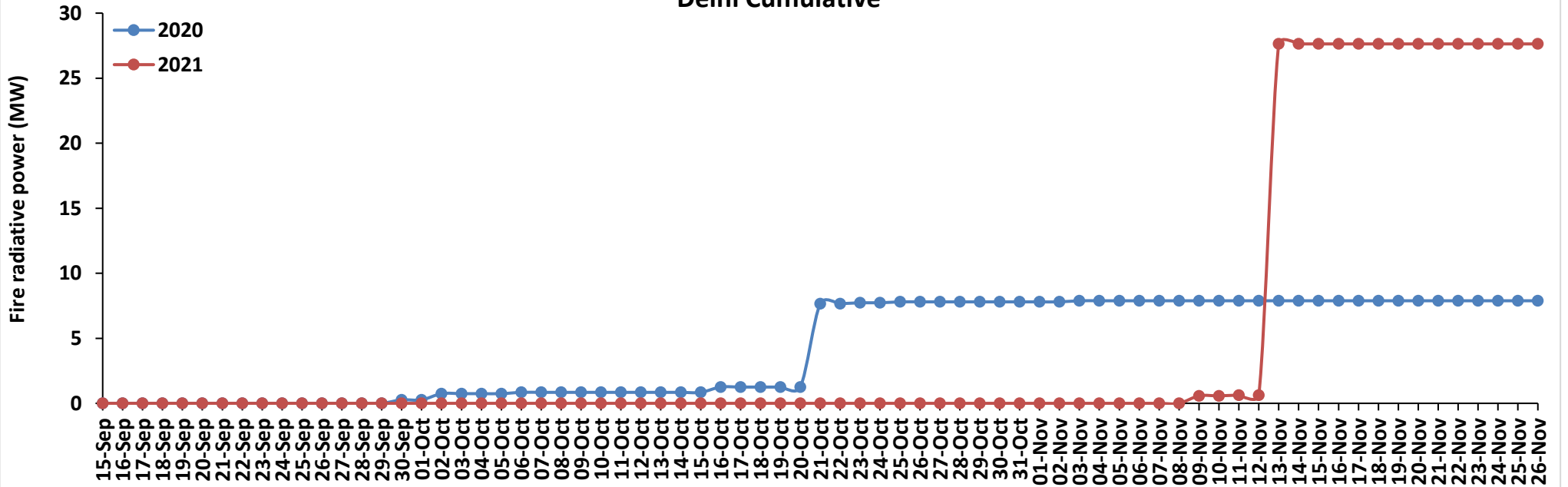
### Rajasthan Cumulative



### Madhya Pradesh Cumulative

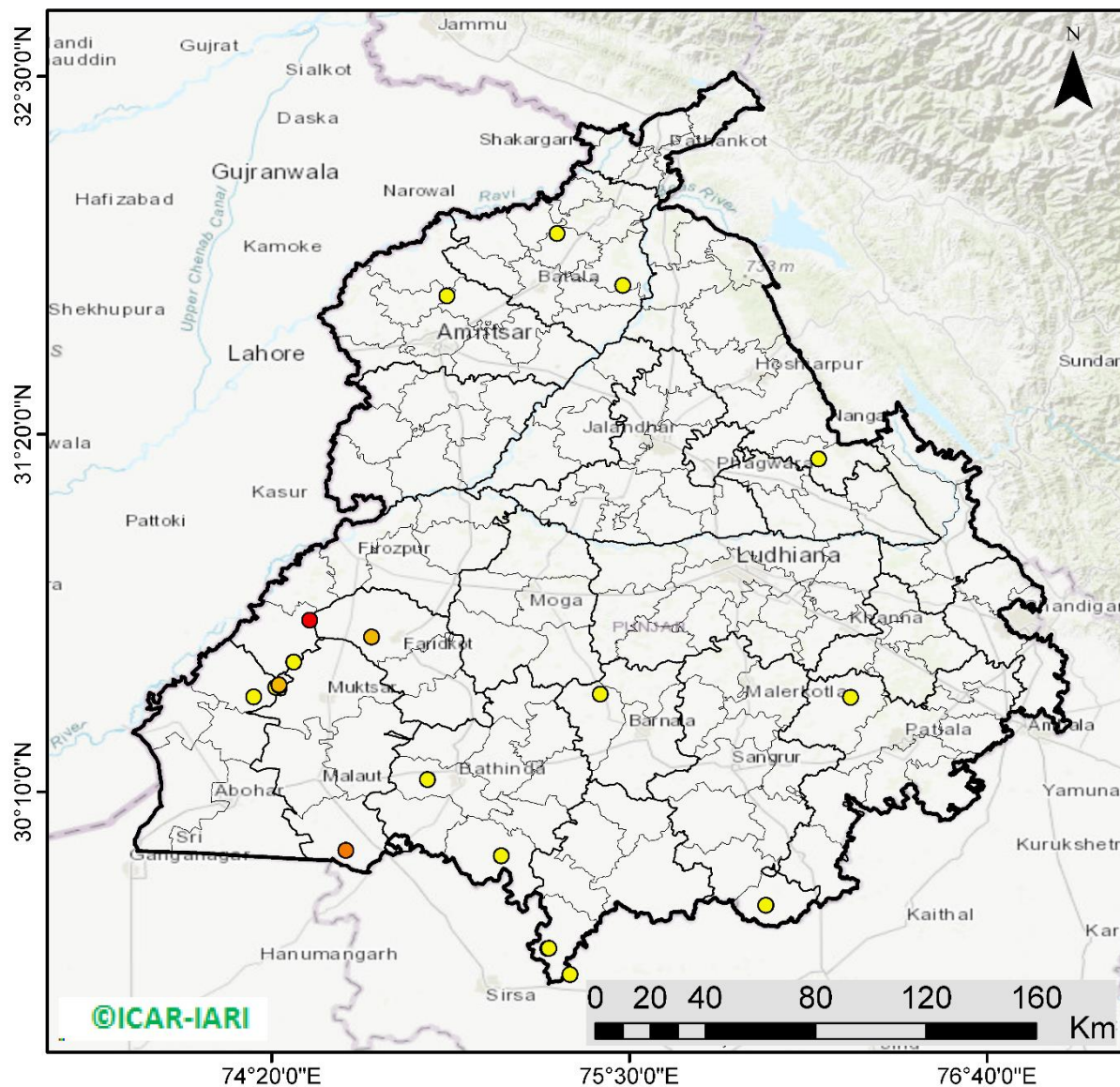


### Delhi Cumulative



# Punjab

## RICE RESIDUE BURNING IN PUNJAB



**21** burning events detected in Punjab on **26th November 2021**

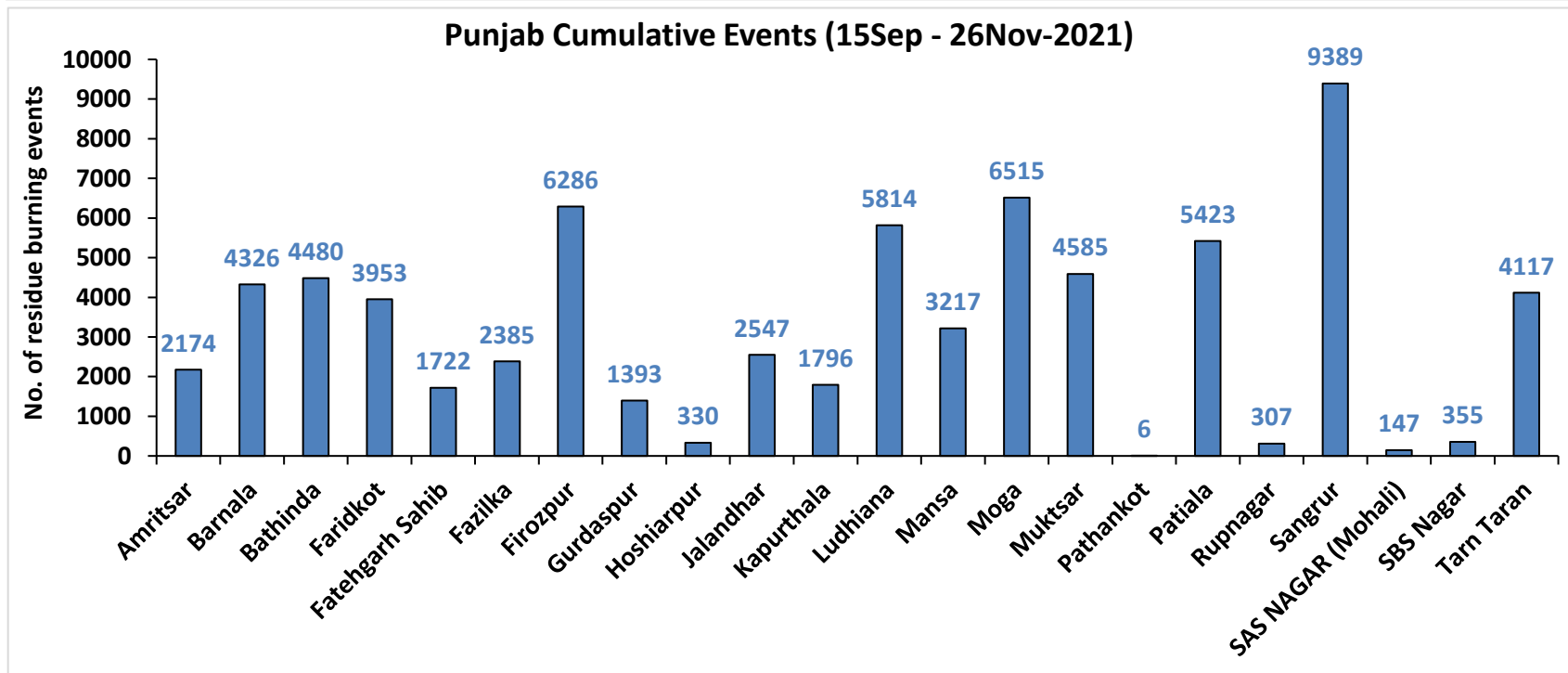
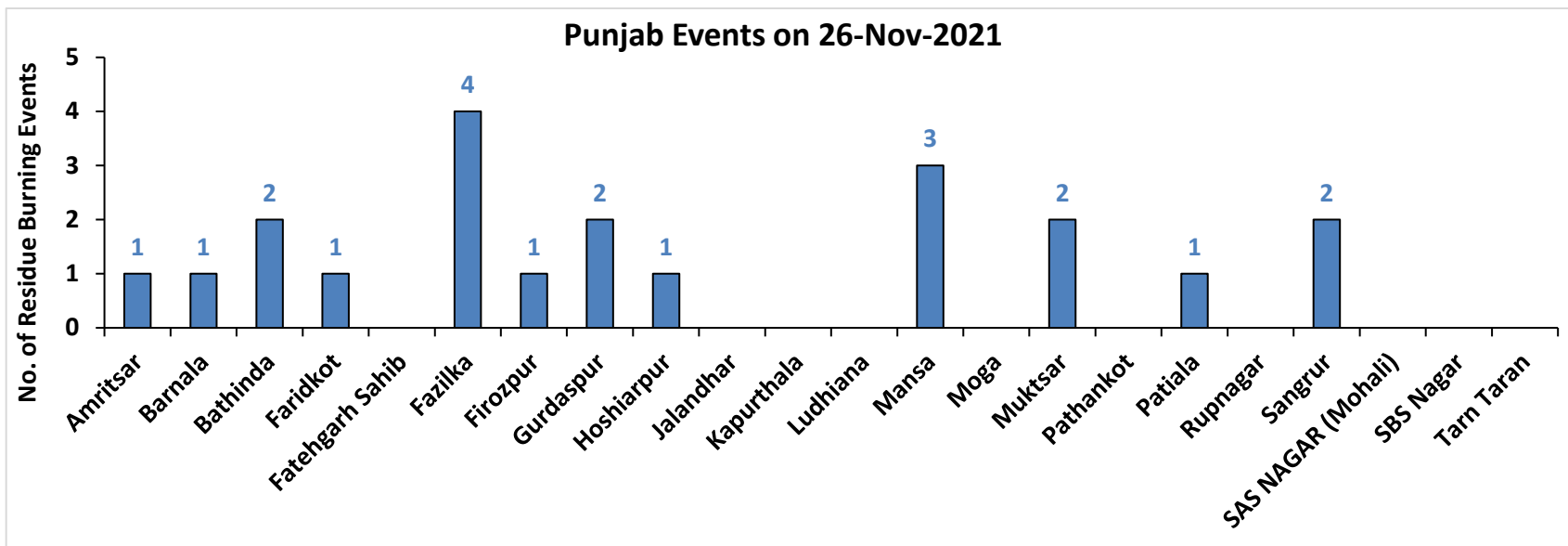
### Fire Intensity (W/m<sup>2</sup>)

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



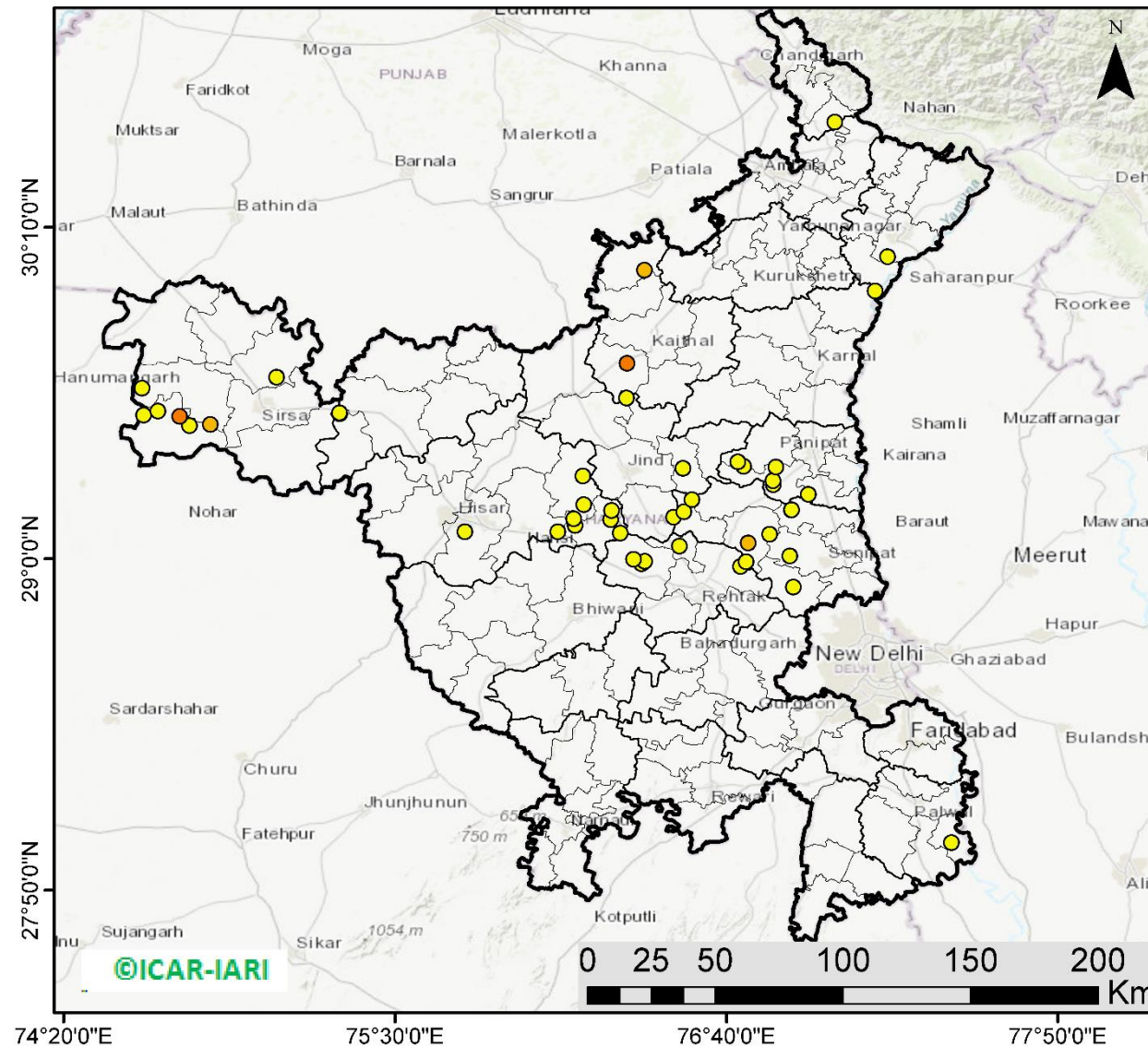
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

## District-wise cumulative number of residues burning events in Punjab (15 Sep - 26 Nov-2021)



# Haryana

## RICE RESIDUE BURNING IN HARYANA



**48** burning events detected in Haryana on 26th November 2021

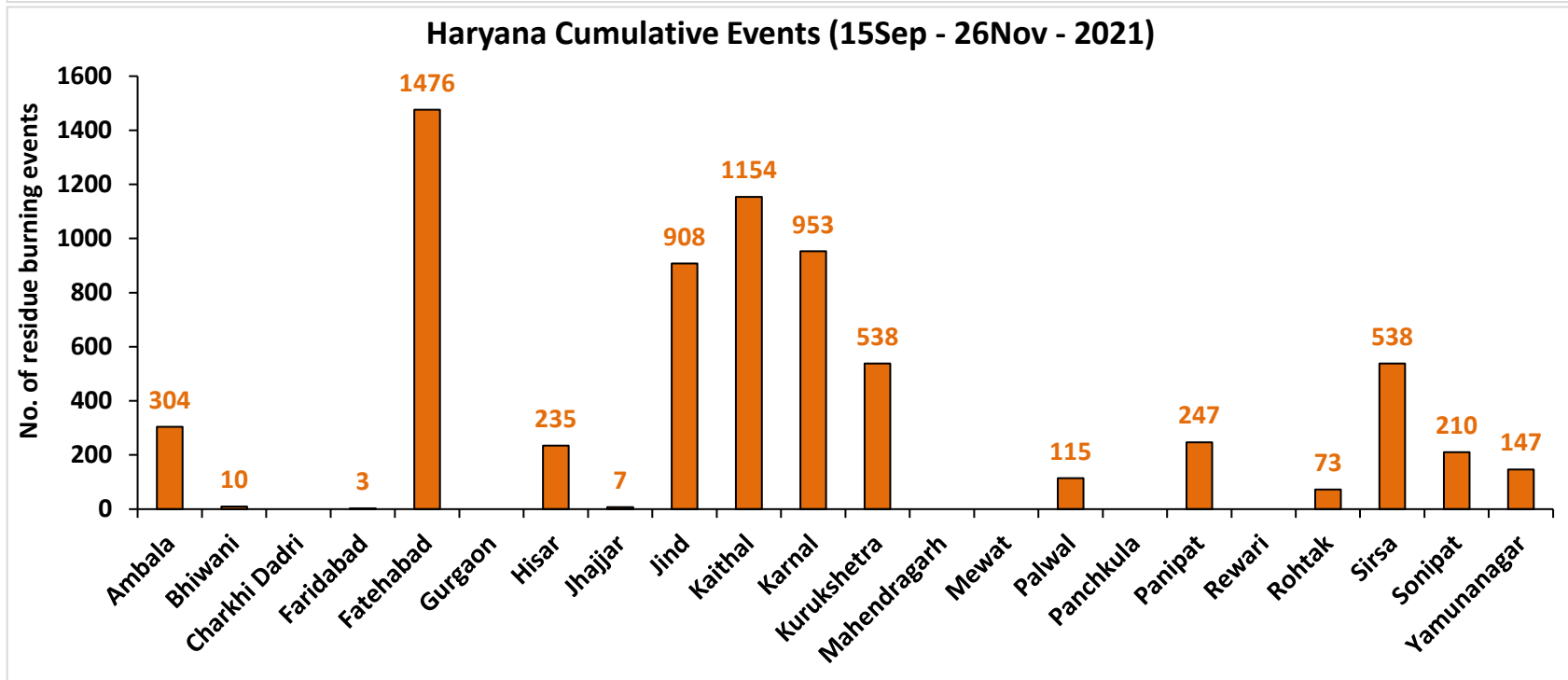
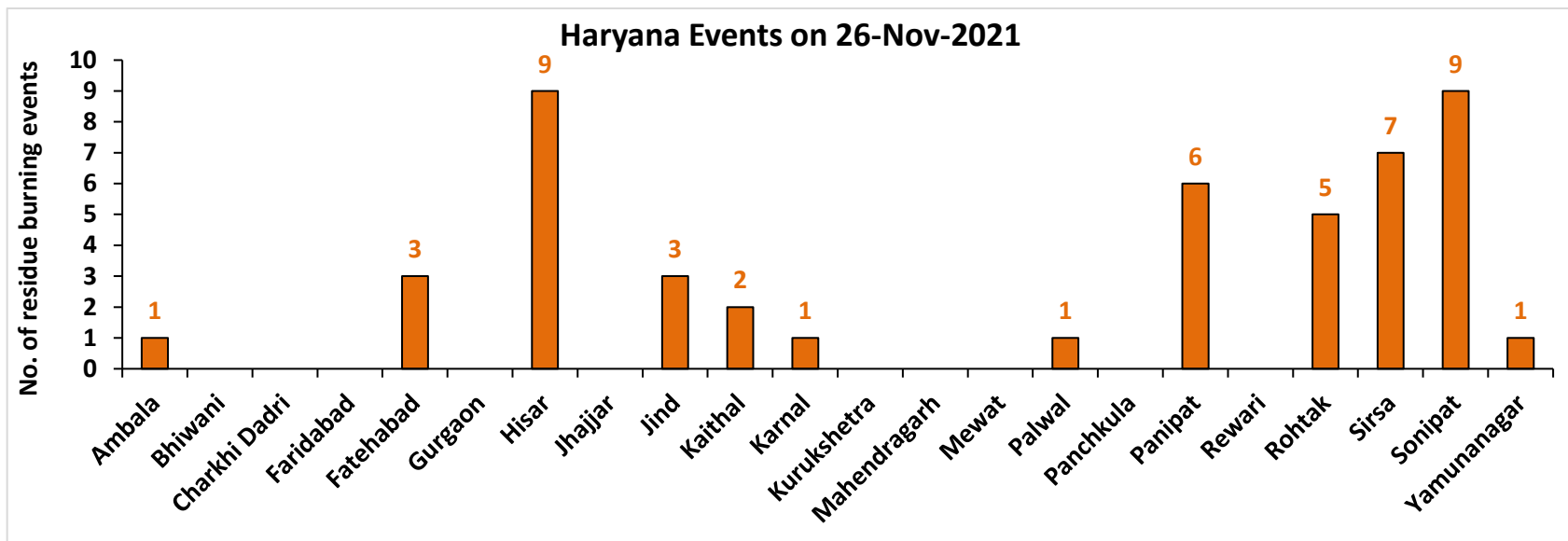
### Fire Intensity (W/m<sup>2</sup>)

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



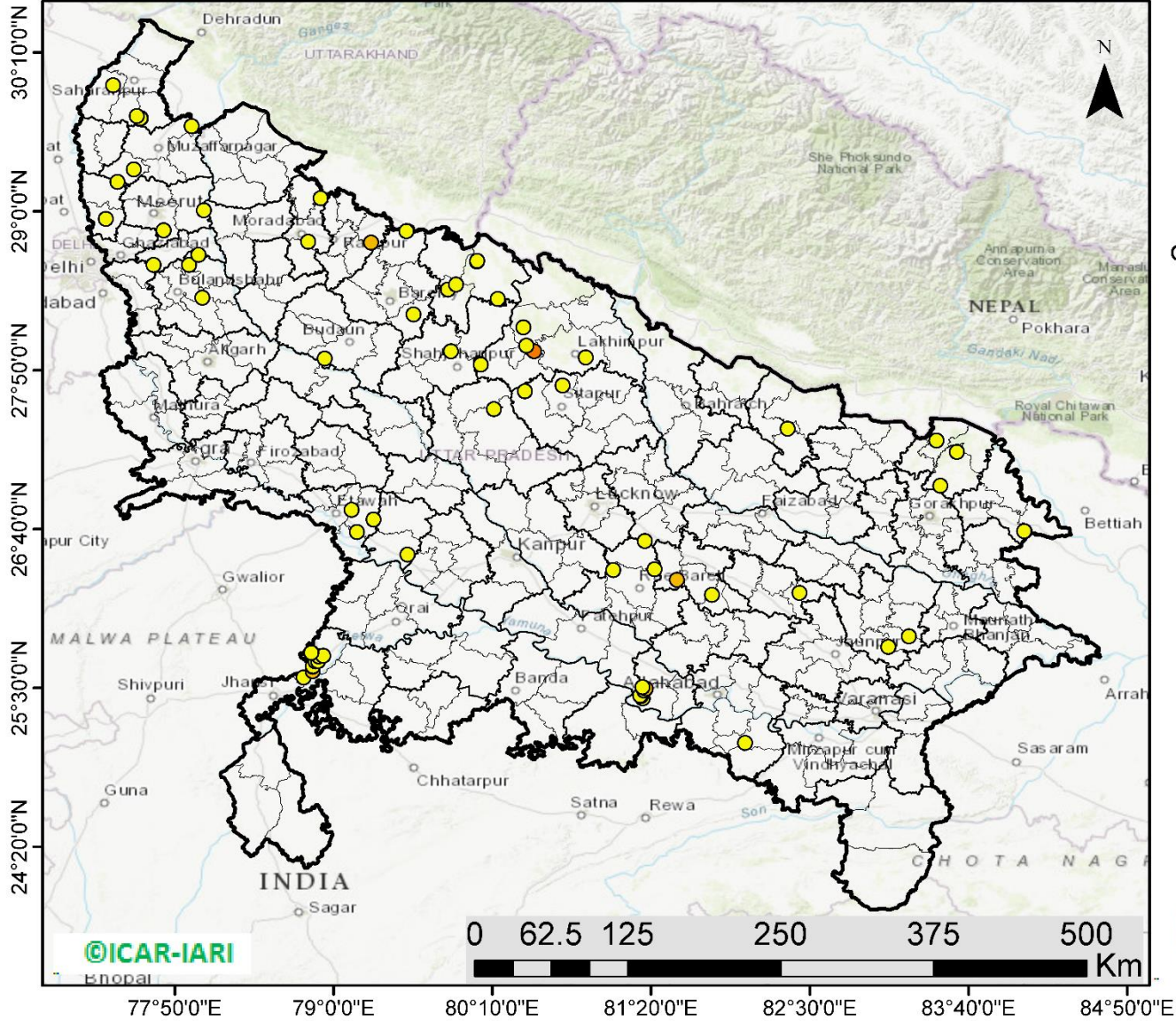
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

## District-wise cumulative number of residues burning events in Haryana (15 Sep - 26 Nov-2021)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



74 burning events detected in Uttar Pradesh on 26th November 2021

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

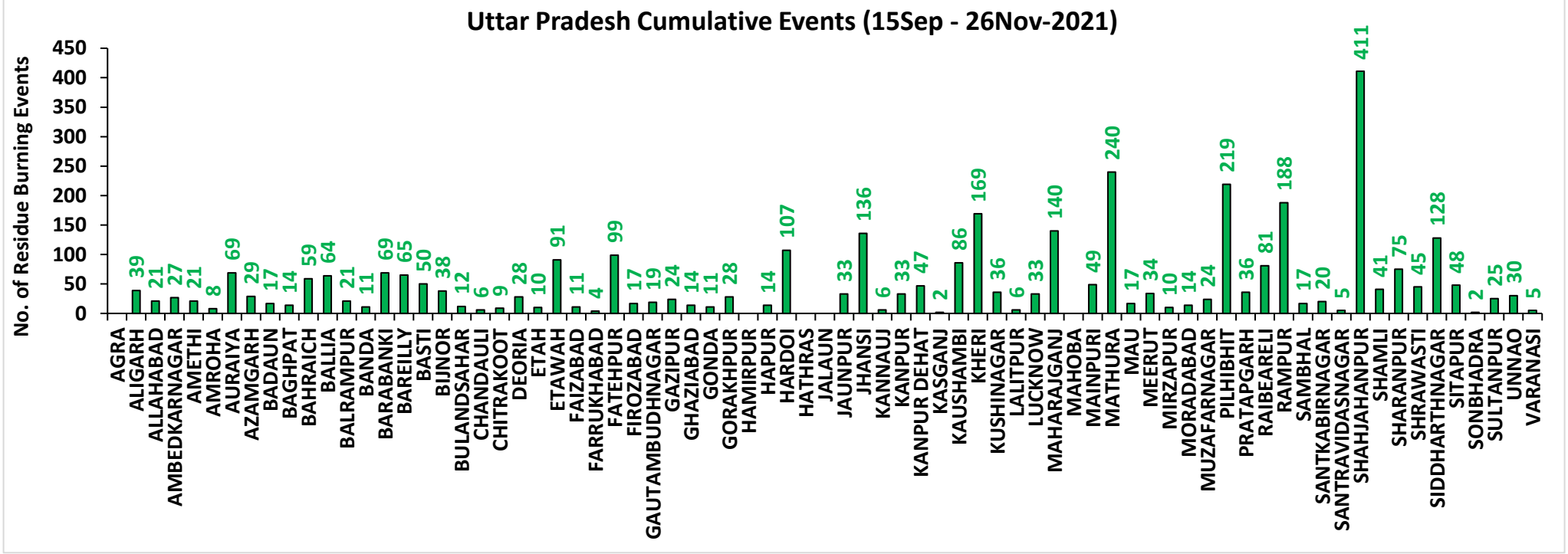
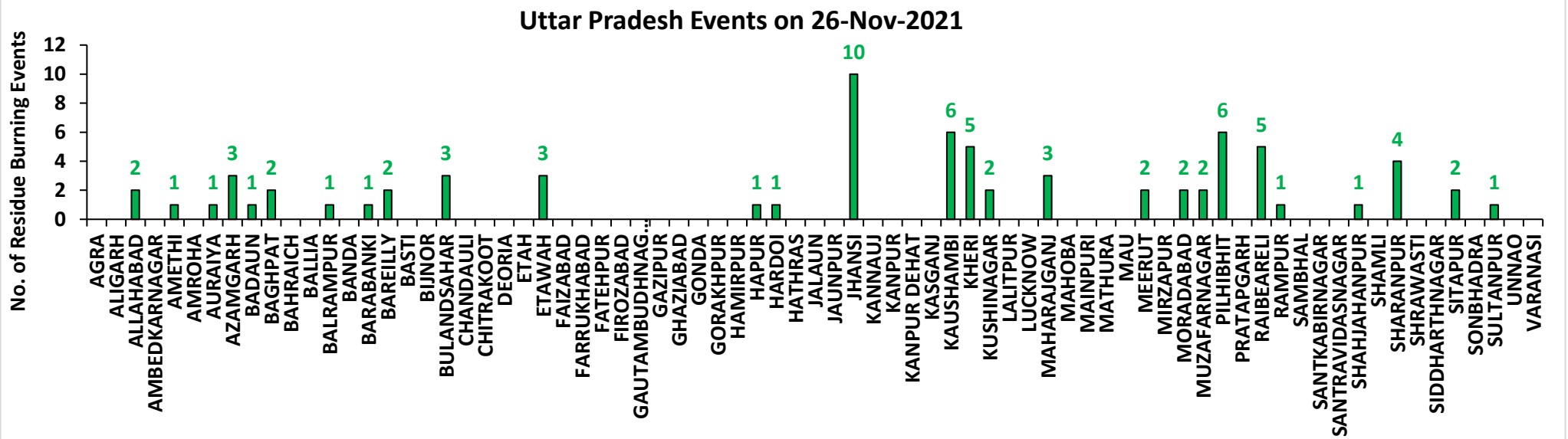
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



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

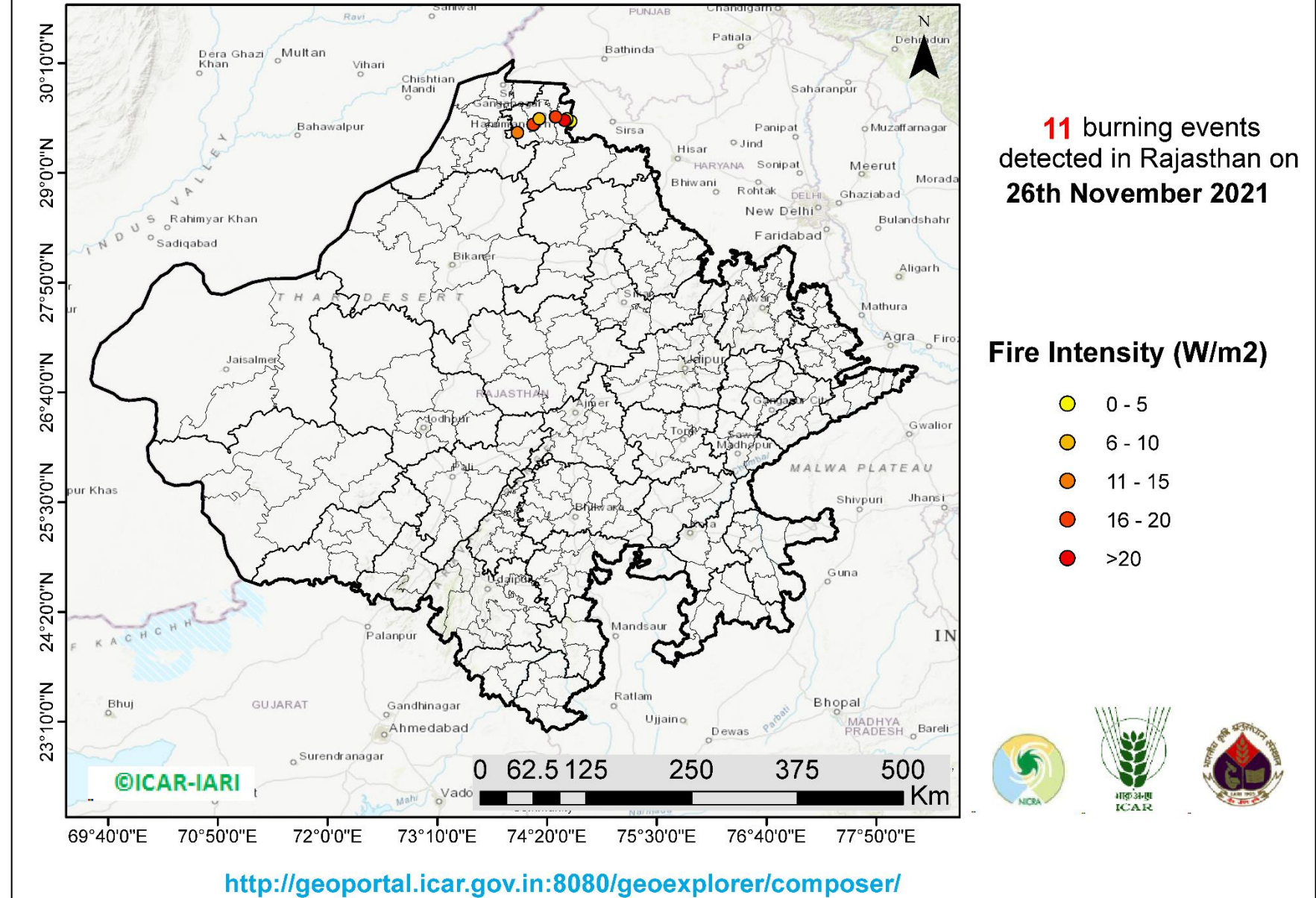


## District-wise cumulative number of residues burning events in Uttar Pradesh (15 Sep - 26 Nov-2021)

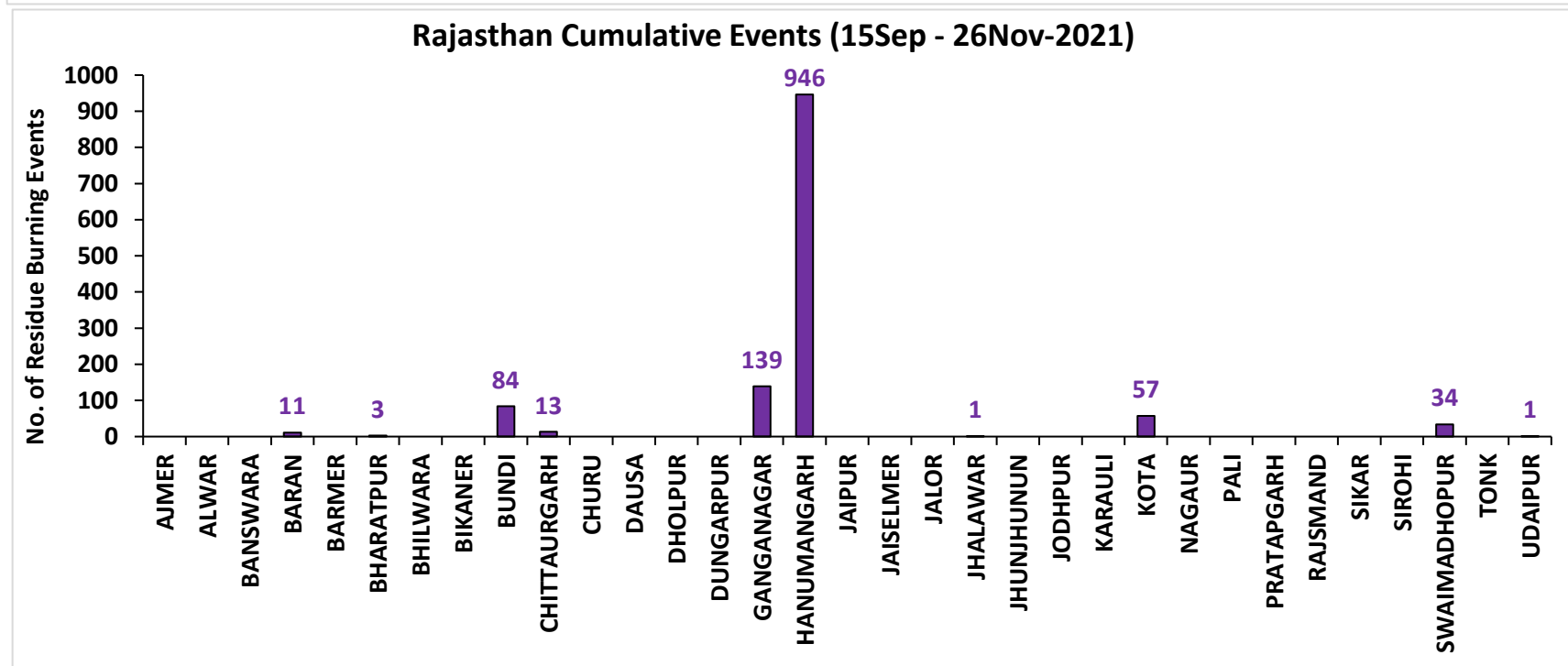
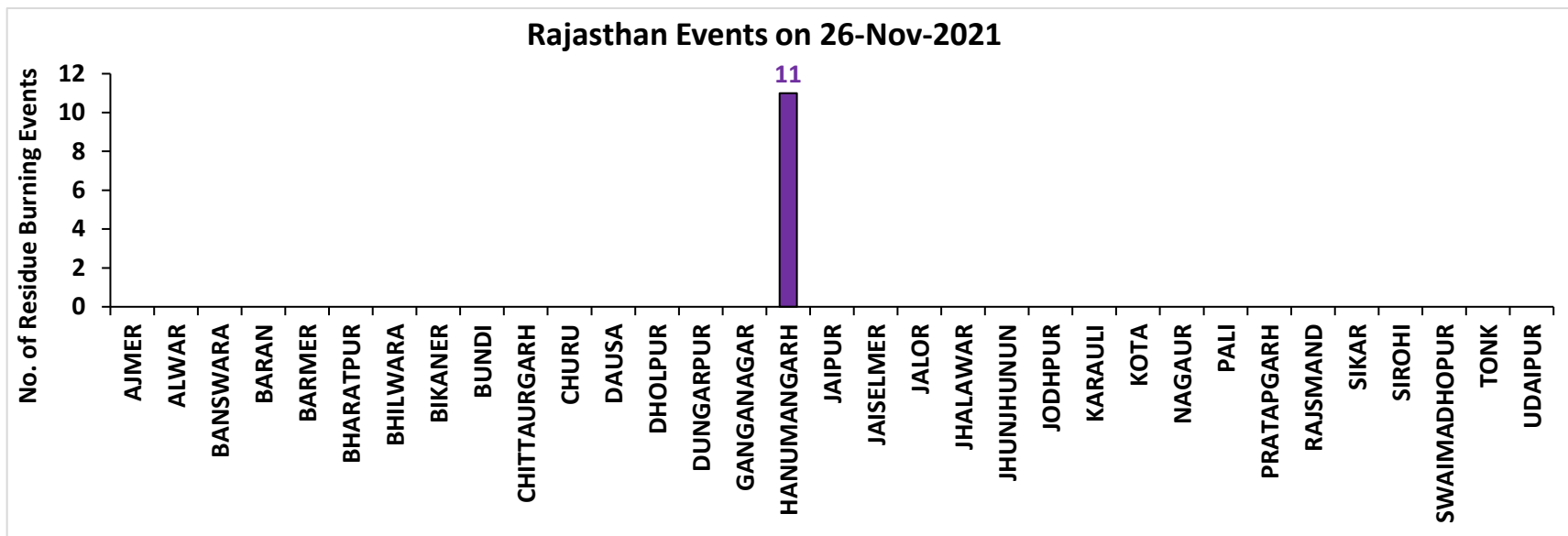


# Rajasthan

## RICE RESIDUE BURNING IN RAJASTHAN

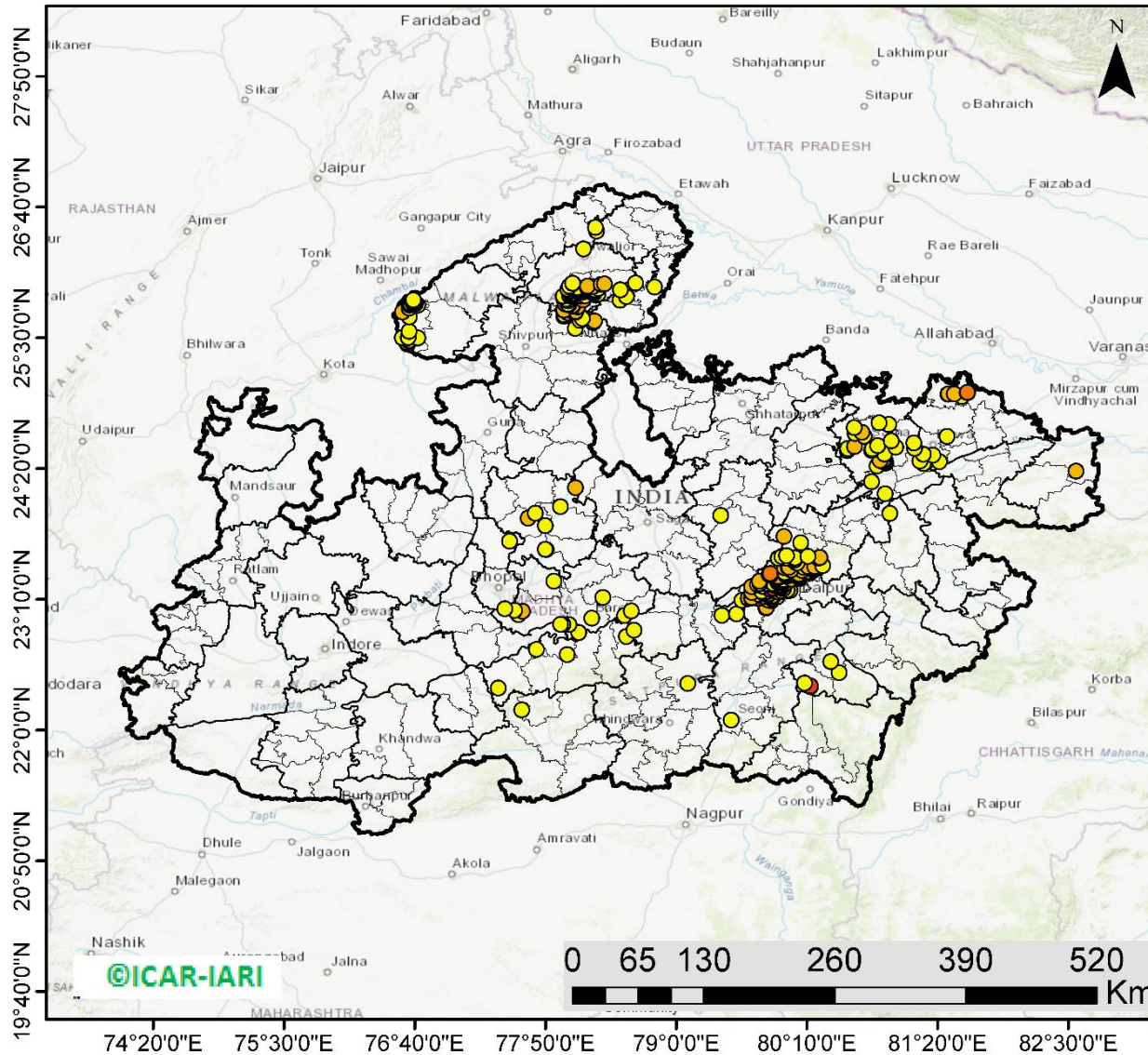


**District-wise cumulative number of residues burning events in Rajasthan (15 Sep - 26 Nov-2021)**



# Madhya Pradesh

## RICE RESIDUE BURNING IN MADHYA PRADESH



**318** burning events detected in MP on 26th November 2021

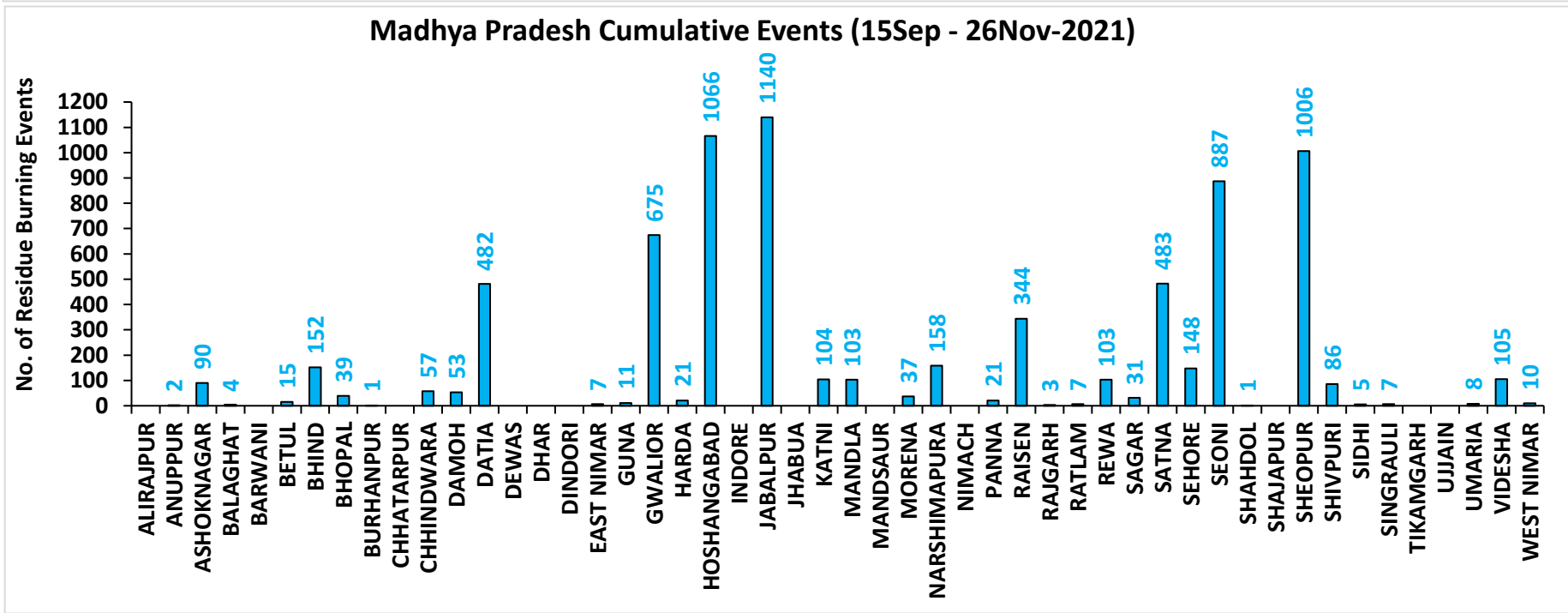
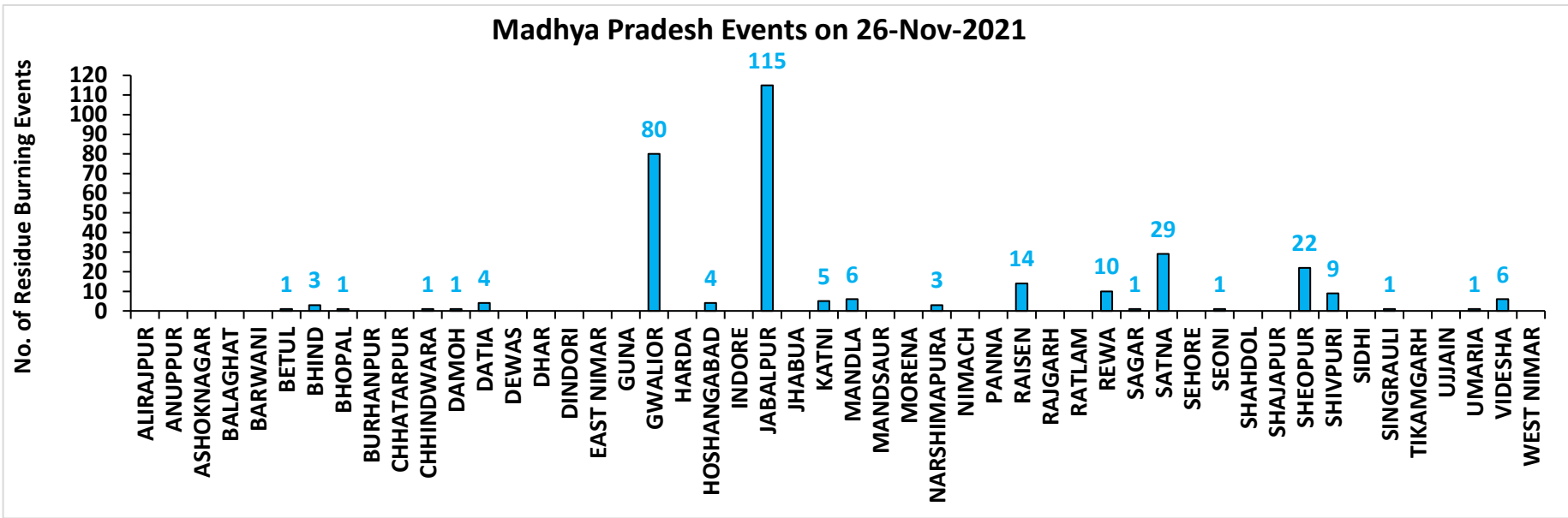
### Fire Intensity (W/m<sup>2</sup>)

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



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

## District-wise cumulative number of residues burning events in Madhya Pradesh (15 Sep - 26 Nov-2021)



**District-wise cumulative number of residues burning events detected in 2020 and 2021**

**(Period: 15 September - 26 November)**

**(a) Punjab**

District	15 Sep – 26 Nov	
	2020	2021
AMRITSAR	3059	2174
BARNALA	5336	4326
BATHINDA	5226	4480
FARIDKOT	4730	3953
FATEHGARH SAHIB	1536	1722
FAZILKA	2527	2385
FIROZPUR	8511	6286
GURDASPUR	2128	1393
HOSHIARPUR	386	330
JALANDHAR	1940	2547
KAPURTHALA	1883	1796
LUDHIANA	5054	5814
MANSA	3780	3217
MOGA	7397	6515
MUKTSAR	4990	4585
PATHANKOT	13	6
PATIALA	6431	5423
RUPNAGAR	205	307
SANGRUR	11724	9389
SAS NAGAR (MOHALI)	127	147
SBS NAGAR	131	355
TARN TARAN	5604	4117
<b>Total</b>	<b>82718</b>	<b>71267</b>

**(b) Haryana**

District	15 Sep – 26 Nov	
	2020	2021
AMBALA	346	304
BHIWANI	4	10
CHARKHI DADRI	0	0
FARIDABAD	1	3
FATEHABAD	843	1476
GURGAON	0	0
HISAR	52	235
JHAJJAR	6	7
JIND	343	908
KAITHAL	838	1154
KARNAL	581	953
KURUKSHETRA	406	538
MAHENDRAGARH	0	0
MEWAT	0	0
PALWAL	46	115
PANCHKULA	0	0
PANIPAT	50	247
REWARI	0	0
ROHTAK	48	73
SIRSA	261	538
SONIPAT	70	210
YAMUNANAGAR	142	147
<b>Total</b>	<b>4037</b>	<b>6918</b>

(c) Uttar Pradesh

District	15 Sep – 26 Nov							
	2020	2021						
			GAUTAMBUDHNAGAR	15	19	MUZAFARNAGAR	49	24
AGRA	7	0	GAZIPUR	24	24	PILHIBHIT	21	219
ALIGARH	113	39	GHAZIABAD	26	14	PRATAPGARH	41	36
ALLAHABAD	39	21	GONDA	12	11	RAIBEARELI	41	81
AMBEDKARNAGAR	36	27	GORAKHPUR	46	28	RAMPUR	163	188
AMETHI	9	21	HAMIRPUR	6	0	SAMBHAL	19	17
AMROHA	12	8	HAPUR	31	14	SANTKABIRNAGAR	29	20
AURAIYA	86	69	HARDOI	101	107	SANTRAVIDASNAGAR	4	5
AZAMGARH	62	29	HATHRAS	0	0	SHAHJAHANPUR	143	411
BADAUN	14	17	JALAUN	43	0	SHAMLI	47	41
BAGHPAT	19	14	JAUNPUR	49	33	SHARANPUR	98	75
BAHRAICH	107	59	JHANSI	352	136	SHRAWASTI	47	45
BALLIA	143	64	KANNAUJ	33	6	SIDDHARTHANAGAR	76	128
BALRAMPUR	68	21	KANPUR	32	33	SITAPUR	68	48
BANDA	40	11	KANPUR DEHAT	86	47	SONBHADRA	0	2
BARABANKI	36	69	KASGANJ	3	2	SULTANPUR	7	25
BAREILLY	79	65	KAUSHAMBI	92	86	UNNAO	45	30
BASTI	58	50	KHERI	171	169	VARANASI	2	5
BIJNOR	41	38	KUSHINAGAR	80	36	<b>Total</b>	<b>4006</b>	<b>3617</b>
BULANDSAHAR	61	12	LALITPUR	3	6			
CHANDAULI	21	6	LUCKNOW	35	33			
CHITRAKOOT	12	9	MAHARAJGANJ	55	140			
DEORIA	83	28	MAHOBA	27	0			
ETAH	17	10	MAINPURI	63	49			
ETAWAH	75	91	MATHURA	160	240			
FAIZABAD	14	11	MAU	34	17			
FARRUKHABAD	6	4	MEERUT	79	34			
FATEHPUR	123	99	MIRZAPUR	11	10			
FIROZABAD	27	17	MORADABAD	29	14			

**(d) Delhi**

District	15 Sep – 26 Nov	
	2020	2021
CENTRAL	0	0
EAST	0	0
NEW DELHI	0	0
NORTH	3	3
NORTH EAST	0	0
NORTH WEST DELHI	3	1
SHAHADRA	0	0
SOUTH	1	0
SOUTH EAST	0	0
SOUTH WEST DELHI	0	0
WEST DELHI	2	0
<b>Total</b>	<b>9</b>	<b>4</b>

**(e) Rajasthan**

District	15 Sep – 26 Nov	
	2020	2021
AJMER	3	0
ALWAR	10	0
BANSWARA	0	0
BARAN	167	11
BARMER	4	0
BHARATPUR	2	3
BHILWARA	11	0
BIKANER	1	0
BUNDI	128	84
CHITTAURGARH	2	13
CHURU	0	0
DAUSA	1	0
DHOLPUR	0	0
DUNGARPUR	0	0
GANGANAGAR	202	139
HANUMANGARH	894	946
JAIPUR	4	0
JAISELMER	5	0
JALOR	2	0
JHALAWAR	10	1
JHUNJHUNUN	1	0
JODHPUR	5	0
KARALI	1	0
KOTA	116	57
NAGPUR	3	0
PALI	11	0
PRATAPGARH	8	0
RAJSMAND	1	0
SIKAR	0	0
SIROHI	2	0
SWAIMADHOPUR	65	34
TONK	5	0
UDAIPUR	2	1
<b>Total</b>	<b>1666</b>	<b>1289</b>



(f) Madhya Pradesh

District	15 Sep – 26 Nov				
	2020	2021			
			PANNA	50	21
ALIRAJPUR	0	0	RAISEN	602	344
ANUPPUR	3	2	RAJGARH	11	3
ASHOKNAGAR	156	90	RATLAM	10	7
BALAGHAT	8	4	REWA	136	103
BARWANI	4	0	SAGAR	28	31
BETUL	36	15	SATNA	570	483
BHIND	259	152	SEHORE	162	148
BHOPAL	52	39	SEONI	1231	887
BURHANPUR	16	1	SHAHDOL	3	1
CHHATARPUR	9	0	SHAJAPUR	20	0
CHHINDWARA	135	57	SHEOPUR	1858	1006
DAMOH	75	53	SHIVPURI	382	86
DATIA	1185	482	SIDHI	4	5
DEWAS	8	0	SINGRAULI	0	7
DHAR	46	0	TIKAMGARH	4	0
DINDORI	0	0	UJJAIN	14	0
EAST NIMAR	23	7	UMARIA	8	8
GUNA	69	11	VIDESHA	144	105
GWALIOR	2047	675	WEST NIMAR	66	10
HARDA	14	21	<b>Total</b>	<b>13947</b>	<b>7472</b>
HOSHANGABAD	1059	1066			
INDORE	4	0			
JABALPUR	2603	1140			
JHABUA	0	0			
KATNI	325	104			
MANDLA	147	103			
MANDSAUR	14	0			
MORENA	62	37			
NARSHIMAPURA	283	158			
NIMACH	2	0			

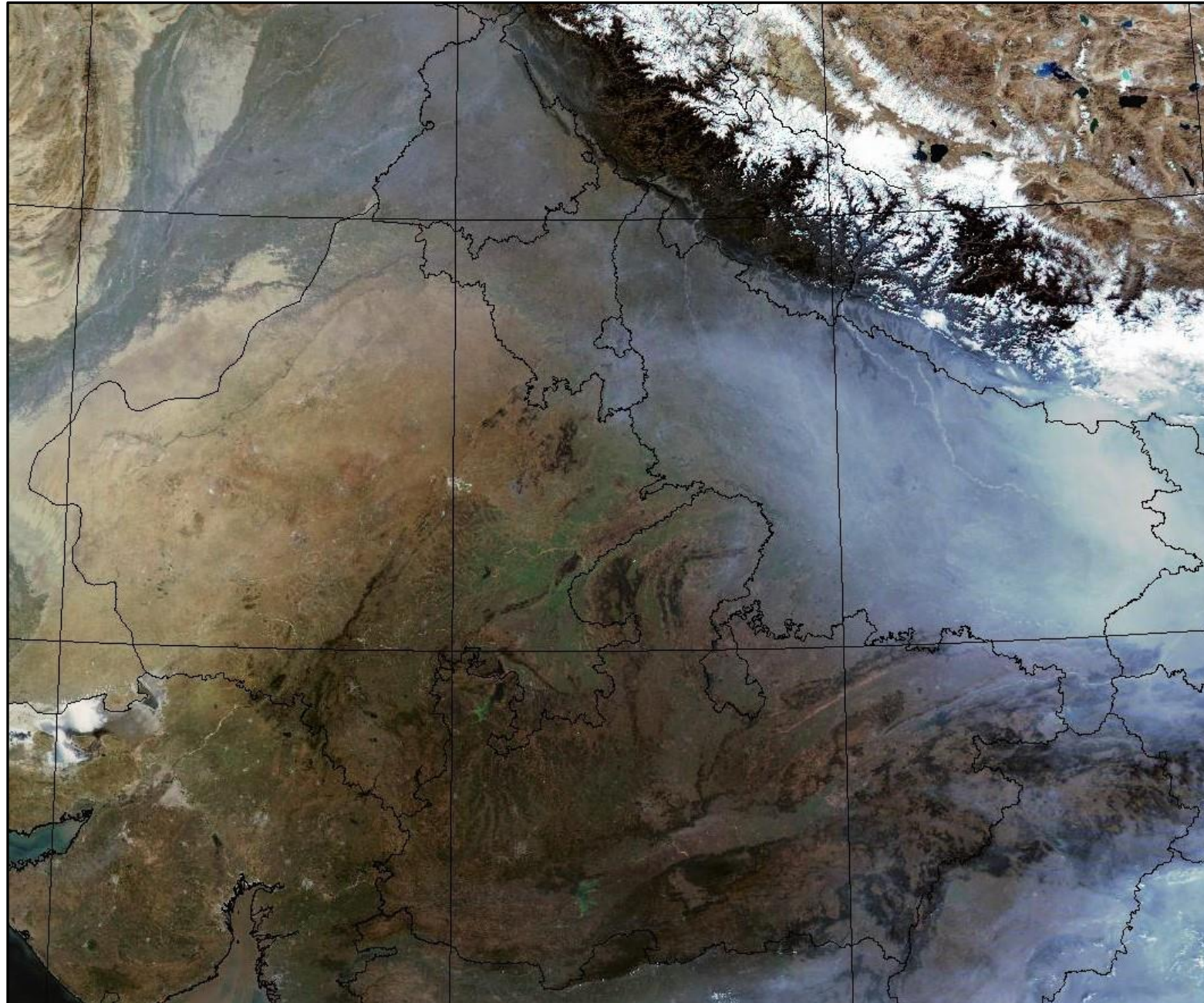
**State-wise and date-wise number of paddy residue burning events detected in 2020 and 2021**  
**(Period: 15 September – 26 November)**

<b>Number of Paddy Residue Burning Events Detected</b>												
	<b>Punjab</b>		<b>Haryana</b>		<b>Uttar Pradesh</b>		<b>Delhi</b>		<b>Rajasthan</b>		<b>Madhya Pradesh</b>	
	<b>2020</b>	<b>2021</b>	<b>2020</b>	<b>2021</b>	<b>2020</b>	<b>2021</b>	<b>2020</b>	<b>2021</b>	<b>2020</b>	<b>2021</b>	<b>2020</b>	<b>2021</b>
<b>15-Sep</b>	5	0	2	0	1	0	0	0	1	0	2	0
<b>16-Sep</b>	0	2	1	0	0	0	0	0	0	0	0	0
<b>17-Sep</b>	5	0	3	0	0	0	0	0	0	0	0	0
<b>18-Sep</b>	17	9	0	0	0	1	0	0	0	0	0	0
<b>19-Sep</b>	30	5	2	0	0	1	0	0	0	0	0	0
<b>20-Sep</b>	67	8	6	0	2	0	0	0	0	0	0	0
<b>21-Sep</b>	54	0	2	0	1	0	0	0	1	0	2	0
<b>22-Sep</b>	34	0	1	0	1	0	0	0	0	0	0	0
<b>23-Sep</b>	49	0	0	0	1	0	0	0	1	0	0	0
<b>24-Sep</b>	78	5	0	0	1	1	0	0	0	0	0	0
<b>25-Sep</b>	184	11	11	0	5	0	0	0	1	0	0	0
<b>26-Sep</b>	190	19	5	0	8	0	0	0	1	0	2	0
<b>27-Sep</b>	78	37	8	0	4	1	0	0	0	0	1	0
<b>28-Sep</b>	55	28	6	1	1	6	0	0	0	0	1	1
<b>29-Sep</b>	63	64	9	4	6	10	0	0	3	0	0	4
<b>30-Sep</b>	116	27	22	2	13	13	1	0	1	0	5	0
<b>01-Oct</b>	165	13	15	4	7	13	0	0	4	1	13	0
<b>02-Oct</b>	141	0	30	2	12	0	1	0	7	0	12	0
<b>03-Oct</b>	110	9	8	6	4	3	0	0	9	0	5	1
<b>04-Oct</b>	162	23	29	2	8	0	0	0	15	0	4	2
<b>05-Oct</b>	161	18	17	3	14	2	0	0	14	0	13	1
<b>06-Oct</b>	171	42	30	0	12	1	1	0	16	0	37	1
<b>07-Oct</b>	197	72	32	11	41	13	0	0	14	1	31	1
<b>08-Oct</b>	95	108	29	27	25	11	0	0	11	0	17	2
<b>09-Oct</b>	121	114	20	39	15	20	0	0	12	0	15	4
<b>10-Oct</b>	232	150	33	95	9	54	0	0	14	1	18	10
<b>11-Oct</b>	377	64	90	51	23	28	0	0	21	7	32	2

<b>12-Oct</b>	388	97	69	51	46	23	0	0	24	1	44	1
<b>13-Oct</b>	266	132	47	91	36	42	0	0	7	5	21	2
<b>14-Oct</b>	605	229	69	98	9	68	0	0	16	1	15	11
<b>15-Oct</b>	449	660	106	363	15	149	0	0	9	8	8	27
<b>16-Oct</b>	654	429	80	176	21	121	1	0	12	2	23	13
<b>17-Oct</b>	1172	14	143	0	38	39	0	0	26	0	63	1
<b>18-Oct</b>	938	57	166	1	76	0	0	0	37	2	88	0
<b>19-Oct</b>	1080	496	72	55	43	5	0	0	27	5	49	1
<b>20-Oct</b>	890	788	62	155	31	1	0	0	26	4	9	21
<b>21-Oct</b>	1392	597	101	131	25	5	2	0	32	2	112	30
<b>22-Oct</b>	1665	1111	128	140	32	3	0	0	29	5	183	29
<b>23-Oct</b>	1438	620	106	218	84	8	1	0	23	7	204	32
<b>24-Oct</b>	911	0	57	38	63	11	0	0	20	4	150	34
<b>25-Oct</b>	1416	76	155	71	50	18	1	0	18	2	144	60
<b>26-Oct</b>	2126	329	77	175	33	41	0	0	34	3	178	55
<b>27-Oct</b>	2563	279	96	93	40	58	0	0	42	1	294	62
<b>28-Oct</b>	3232	906	139	149	87	35	0	0	45	4	537	110
<b>29-Oct</b>	1624	1353	52	161	139	32	0	0	29	23	349	97
<b>30-Oct</b>	3946	1373	100	148	50	53	0	0	17	20	428	168
<b>31-Oct</b>	3531	2895	108	353	49	170	0	0	37	15	455	299
<b>01-Nov</b>	3835	1796	151	124	74	157	0	0	51	5	709	198
<b>02-Nov</b>	4098	3001	111	203	82	87	0	0	55	19	820	214
<b>03-Nov</b>	2818	2512	93	197	197	66	1	0	34	20	771	148
<b>04-Nov</b>	4584	3032	72	228	152	123	0	0	46	19	618	123
<b>05-Nov</b>	4529	5327	66	331	52	70	0	0	46	45	474	320
<b>06-Nov</b>	5382	3942	151	219	43	208	0	0	40	32	678	248
<b>07-Nov</b>	5491	5199	150	182	86	46	0	0	57	38	848	199
<b>08-Nov</b>	3674	4397	115	138	169	21	0	0	33	44	981	170
<b>09-Nov</b>	1718	5079	21	217	115	51	0	1	34	48	495	330
<b>10-Nov</b>	3127	4008	80	184	101	77	0	0	48	40	346	380
<b>11-Nov</b>	2822	4156	93	126	71	151	0	1	75	55	418	506
<b>12-Nov</b>	1989	3403	83	127	108	120	0	0	31	40	422	185
<b>13-Nov</b>	2441	3742	105	210	172	95	0	2	54	78	670	171
<b>14-Nov</b>	307	2541	35	195	258	49	0	0	16	88	294	346
<b>15-Nov</b>	32	1761	31	129	29	67	0	0	6	51	35	353
<b>16-Nov</b>	8	1757	0	269	15	138	0	0	16	81	145	660

<b>17-Nov</b>	248	523	9	101	38	177	0	0	60	38	191	261
<b>18-Nov</b>	670	680	60	111	62	14	0	0	75	77	352	126
<b>19-Nov</b>	454	448	37	132	129	11	0	0	27	73	124	16
<b>20-Nov</b>	677	283	77	127	134	20	0	0	59	53	106	6
<b>21-Nov</b>	457	168	65	178	135	106	0	0	57	72	159	95
<b>22-Nov</b>	46	66	15	91	120	276	0	0	9	21	165	188
<b>23-Nov</b>	43	91	52	59	106	186	0	0	66	61	150	262
<b>24-Nov</b>	9	34	20	37	167	87	0	0	13	26	258	224
<b>25-Nov</b>	0	31	1	41	127	80	0	0	2	30	106	343
<b>26-Nov</b>	16	21	0	48	83	74	0	0	0	11	48	318
<b>Total</b>	<b>82718</b>	<b>71267</b>	<b>4037</b>	<b>6918</b>	<b>4006</b>	<b>3617</b>	<b>9</b>	<b>4</b>	<b>1666</b>	<b>1289</b>	<b>13947</b>	<b>7472</b>

TERRA (MODIS) Satellite image (TCC) of North and Central India Acquired on 26-Nov-2021 at 11:01:00 IST by IARI Ground Station



### Details of residue burning events in Punjab on 26-Nov-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	HARSHA CHHINA	S-NPP	31.78390	74.90470	11/26/2021	13:36:24	D	4.20
2	BARNALA	SEHNA	S-NPP	30.48550	75.40490	11/26/2021	13:36:24	D	4.00
3	BATHINDA	BATHINDA	S-NPP	30.20730	74.84150	11/26/2021	13:36:24	D	4.40
4	BATHINDA	TALWANDI SABO	S-NPP	29.95830	75.08220	11/26/2021	13:36:24	D	5.00
5	FARIDKOT	FARIDKOT	S-NPP	30.67170	74.65920	11/26/2021	13:36:24	D	5.90
6	FAZILKA	JALALABAD	S-NPP	30.47630	74.27420	11/26/2021	13:36:24	D	2.80
7	FAZILKA	JALALABAD	S-NPP	30.50740	74.34650	11/26/2021	13:36:24	D	2.70
8	FAZILKA	JALALABAD	S-NPP	30.51250	74.35780	11/26/2021	13:36:24	D	9.10
9	FAZILKA	JALALABAD	S-NPP	30.51580	74.35720	11/26/2021	13:36:24	D	9.10
10	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72640	74.45740	11/26/2021	13:36:24	D	21.40
11	GURDASPUR	DHARIWAL	S-NPP	31.98700	75.26410	11/26/2021	13:36:24	D	2.50
12	GURDASPUR	KAHNUWAN	S-NPP	31.81770	75.47860	11/26/2021	13:36:24	D	1.70
13	HOSHIARPUR	GARH SHANKAR	S-NPP	31.25240	76.11720	11/26/2021	13:36:24	D	2.40
14	MANSA	SARDULGARH	S-NPP	29.57180	75.30620	11/26/2021	13:36:24	D	3.10
15	MANSA	SARDULGARH	S-NPP	29.65590	75.23340	11/26/2021	13:36:24	D	1.70
16	MANSA	SARDULGARH	S-NPP	29.65650	75.23750	11/26/2021	13:36:24	D	2.00
17	MUKTSAR	LAMBI	S-NPP	29.97620	74.57520	11/26/2021	13:36:24	D	13.90
18	MUKTSAR	MUKTSAR	S-NPP	30.59030	74.40500	11/26/2021	13:36:24	D	2.90
19	PATIALA	NABHA	S-NPP	30.47510	76.22210	11/26/2021	13:36:24	D	2.90
20	SANGRUR	ANDANA	S-NPP	29.79680	75.94570	11/26/2021	13:36:24	D	3.90
21	SANGRUR	ANDANA	S-NPP	29.79720	75.94510	11/26/2021	13:36:24	D	3.70

### Details of residue burning events in Haryana on 26-Nov-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	AMBALA	SHAHZADPUR	S-NPP	30.53640	77.04880	11/26/2021	13:36:24	D	2.20
2	FATEHABAD	FATEHABAD	S-NPP	29.50980	75.30520	11/26/2021	13:36:24	D	4.80
3	FATEHABAD	FATEHABAD	S-NPP	29.51310	75.30450	11/26/2021	13:36:24	D	1.90
4	FATEHABAD	JAKHAL	S-NPP	29.78030	75.73900	11/26/2021	02:26:24	N	0.30
5	HISAR	HANSI-I	S-NPP	29.09410	76.07320	11/26/2021	13:36:24	D	4.20
6	HISAR	HANSI-II	S-NPP	29.08950	76.29310	11/26/2021	13:36:24	D	1.60
7	HISAR	HANSI-II	S-NPP	29.11630	76.13370	11/26/2021	13:36:24	D	3.50
8	HISAR	HANSI-II	S-NPP	29.13690	76.25960	11/26/2021	13:36:24	D	1.90
9	HISAR	HANSI-II	S-NPP	29.14020	76.12950	11/26/2021	13:36:24	D	4.50
10	HISAR	HANSI-II	S-NPP	29.16890	76.26270	11/26/2021	13:36:24	D	3.30
11	HISAR	HISAR-I	S-NPP	29.09400	75.74650	11/26/2021	13:36:24	D	2.40
12	HISAR	NARNAUND	S-NPP	29.18980	76.16510	11/26/2021	13:36:24	D	2.20
13	HISAR	NARNAUND	S-NPP	29.29030	76.16120	11/26/2021	13:36:24	D	3.00
14	JIND	JULANA	S-NPP	29.14550	76.48080	11/26/2021	13:36:24	D	3.30
15	JIND	PILLUKHERA	S-NPP	29.31760	76.51430	11/26/2021	13:36:24	D	1.50
16	JIND	UCHANA	S-NPP	29.56520	76.31520	11/26/2021	13:36:24	D	2.30
17	KAITHAL	GUHLA	S-NPP	30.01530	76.37850	11/26/2021	13:36:24	D	5.80
18	KAITHAL	KALAYAT	S-NPP	29.68710	76.31670	11/26/2021	13:36:24	D	11.30
19	KARNAL	INDRI	S-NPP	29.94180	77.19050	11/26/2021	13:36:24	D	1.70
20	PALWAL	HASSANPUR	S-NPP	27.99990	77.45950	11/26/2021	13:36:24	D	2.60
21	PANIPAT	ISRANA	S-NPP	29.25960	76.83160	11/26/2021	13:36:24	D	2.40
22	PANIPAT	ISRANA	S-NPP	29.27410	76.83080	11/26/2021	13:36:24	D	2.30
23	PANIPAT	MADLAUDA	S-NPP	29.32190	76.84080	11/26/2021	13:36:24	D	2.20
24	PANIPAT	MADLAUDA	S-NPP	29.32480	76.72740	11/26/2021	13:36:24	D	2.60
25	PANIPAT	MADLAUDA	S-NPP	29.33990	76.70680	11/26/2021	13:36:24	D	2.50
26	PANIPAT	SAMALKHA	S-NPP	29.22580	76.95550	11/26/2021	13:36:24	D	2.30
27	ROHTAK	LAKHAN MAJRA	S-NPP	29.04390	76.50170	11/26/2021	13:36:24	D	2.30
28	ROHTAK	MEHAM	S-NPP	28.98160	76.36780	11/26/2021	13:36:24	D	3.10
29	ROHTAK	MEHAM	S-NPP	28.99020	76.37940	11/26/2021	13:36:24	D	2.70

30	ROHTAK	MEHAM	S-NPP	28.99760	76.33940	11/26/2021	13:36:24	D	3.00
31	ROHTAK	ROHTAK	S-NPP	28.97210	76.71690	11/26/2021	13:36:24	D	2.80
32	SIRSA	BARAGUNDA	S-NPP	29.63790	75.08320	11/26/2021	13:36:24	D	2.00
33	SIRSA	ELLENABAD	S-NPP	29.46810	74.77650	11/26/2021	13:36:24	D	1.90
34	SIRSA	ELLENABAD	S-NPP	29.50050	74.74170	11/26/2021	13:36:24	D	13.20
35	SIRSA	ELLENABAD	S-NPP	29.50510	74.61500	11/26/2021	13:36:24	D	3.10
36	SIRSA	ELLENABAD	S-NPP	29.51930	74.66540	11/26/2021	13:36:24	D	3.20
37	SIRSA	RANIA	S-NPP	29.47190	74.84960	11/26/2021	13:36:24	D	5.60
38	SIRSA	RANIA	S-NPP	29.59960	74.60920	11/26/2021	13:36:24	D	4.50
39	SONIPAT	GANAUR	S-NPP	29.17090	76.89520	11/26/2021	13:36:24	D	1.90
40	SONIPAT	GANAUR	S-NPP	29.17160	76.89630	11/26/2021	13:36:24	D	2.50
41	SONIPAT	GOHANA	S-NPP	28.98880	76.73630	11/26/2021	13:36:24	D	4.60
42	SONIPAT	GOHANA	S-NPP	29.05460	76.74370	11/26/2021	13:36:24	D	8.80
43	SONIPAT	GOHANA	S-NPP	29.08580	76.81920	11/26/2021	13:36:24	D	3.90
44	SONIPAT	KATHURA	S-NPP	29.16450	76.51710	11/26/2021	13:36:24	D	2.40
45	SONIPAT	KATHURA	S-NPP	29.20710	76.54520	11/26/2021	13:36:24	D	2.40
46	SONIPAT	KHARKHODA	S-NPP	28.89940	76.90280	11/26/2021	13:36:24	D	1.80
47	SONIPAT	SONIPAT	S-NPP	29.00910	76.88990	11/26/2021	13:36:24	D	2.50
48	YAMUNANAGAR	JAGADHRI	S-NPP	30.06210	77.23420	11/26/2021	13:36:24	D	1.50



### Details of residue burning events in Uttar Pradesh on 26-Nov-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ALLAHABAD	BARA	S-NPP	25.20530	81.77310	11/26/2021	02:26:24	N	0.30
2	ALLAHABAD	MEZA	S-NPP	25.09540	82.02440	11/26/2021	13:36:24	D	4.00
3	AMETHI	AMETHI	S-NPP	26.18400	81.78110	11/26/2021	13:36:24	D	5.00
4	AURAIYA	AURAIYA	S-NPP	26.47920	79.54310	11/26/2021	13:36:24	D	4.70
5	AZAMGARH	AZAMGARH	S-NPP	25.87800	83.22920	11/26/2021	13:36:24	D	4.10
6	AZAMGARH	LALGANJ	S-NPP	25.80040	83.07940	11/26/2021	13:36:24	D	3.60
7	AZAMGARH	LALGANJ	S-NPP	25.80070	83.07710	11/26/2021	13:36:24	D	3.70
8	BADAUN	BADAUN	S-NPP	27.91830	78.93490	11/26/2021	13:36:24	D	3.50
9	BAGHPAT	BAGHPAT	S-NPP	28.94350	77.32670	11/26/2021	13:36:24	D	1.60
10	BAGHPAT	BARAUT	S-NPP	29.21680	77.41170	11/26/2021	13:36:24	D	4.40
11	BALRAMPUR	UTRAULA	S-NPP	27.40280	82.33840	11/26/2021	13:36:24	D	3.80
12	BARABANKI	Haidargarh	S-NPP	26.57880	81.28900	11/26/2021	13:36:24	D	2.40
13	BAREILLY	BAHERI	S-NPP	28.85420	79.53530	11/26/2021	13:36:24	D	1.80
14	BAREILLY	FARIDPUR	S-NPP	28.24270	79.58850	11/26/2021	13:36:24	D	3.10
15	BULANSAHAR	ANUP SHAHR	S-NPP	28.36550	78.03570	11/26/2021	13:36:24	D	3.60
16	BULANSAHAR	SIYANA	S-NPP	28.60550	77.93840	11/26/2021	13:36:24	D	3.20
17	BULANSAHAR	SIYANA	S-NPP	28.68070	78.00720	11/26/2021	13:36:24	D	2.20
18	ETAHAWAH	BHARTHNA	S-NPP	26.64460	79.17290	11/26/2021	13:36:24	D	3.40
19	ETAHAWAH	BHARTHNA	S-NPP	26.73600	79.29390	11/26/2021	13:36:24	D	2.90
20	ETAHAWAH	ETAHAWAH	S-NPP	26.80830	79.13350	11/26/2021	13:36:24	D	4.10
21	HAPUR	HAPUR	S-NPP	28.60570	77.67750	11/26/2021	13:36:24	D	1.70
22	HARDOI	HARDOI	S-NPP	27.54730	80.17970	11/26/2021	13:36:24	D	3.10
23	JHANSI	MOTH	S-NPP	25.62240	78.84670	11/26/2021	13:36:24	D	5.60
24	JHANSI	MOTH	S-NPP	25.65620	78.84650	11/26/2021	13:36:24	D	3.80
25	JHANSI	MOTH	S-NPP	25.65850	78.84780	11/26/2021	13:36:24	D	4.40
26	JHANSI	MOTH	S-NPP	25.69470	78.86680	11/26/2021	13:36:24	D	4.70
27	JHANSI	MOTH	S-NPP	25.69710	78.88600	11/26/2021	13:36:24	D	3.20
28	JHANSI	MOTH	S-NPP	25.73150	78.89070	11/26/2021	13:36:24	D	5.00
29	JHANSI	MOTH	S-NPP	25.73580	78.92450	11/26/2021	13:36:24	D	4.30

30	JHANSI	MOTH	S-NPP	25.75710	78.83560	11/26/2021	13:36:24	D	2.80
31	JHANSI	MOTH	S-NPP	25.75860	78.83760	11/26/2021	13:36:24	D	4.10
32	JHANSI	TAHRAULI	S-NPP	25.57670	78.78090	11/26/2021	13:36:24	D	4.20
33	KAUSHAMBI	MANJHANPUR	S-NPP	25.42390	81.27310	11/26/2021	13:36:24	D	5.00
34	KAUSHAMBI	MANJHANPUR	S-NPP	25.43940	81.25800	11/26/2021	13:36:24	D	2.80
35	KAUSHAMBI	MANJHANPUR	S-NPP	25.44320	81.25320	11/26/2021	13:36:24	D	4.80
36	KAUSHAMBI	MANJHANPUR	S-NPP	25.48070	81.28310	11/26/2021	13:36:24	D	2.80
37	KAUSHAMBI	MANJHANPUR	S-NPP	25.49490	81.29430	11/26/2021	13:36:24	D	5.60
38	KAUSHAMBI	MANJHANPUR	S-NPP	25.50510	81.27120	11/26/2021	13:36:24	D	4.20
39	KHERI	GOLA	S-NPP	27.97170	80.47460	11/26/2021	13:36:24	D	14.30
40	KHERI	GOLA	S-NPP	28.01330	80.41800	11/26/2021	13:36:24	D	4.20
41	KHERI	GOLA	S-NPP	28.14740	80.39620	11/26/2021	13:36:24	D	1.90
42	KHERI	LAKHIMPUR	S-NPP	27.92710	80.85410	11/26/2021	13:36:24	D	2.70
43	KHERI	MOHMADI	S-NPP	27.87430	80.08320	11/26/2021	13:36:24	D	1.80
44	KUSHINAGAR	TAMKUIH RAJ	S-NPP	26.64900	84.07870	11/26/2021	13:36:24	D	2.90
45	KUSHINAGAR	TAMKUIH RAJ	S-NPP	26.65060	84.07640	11/26/2021	13:36:24	D	3.10
46	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.98430	83.46060	11/26/2021	13:36:24	D	3.10
47	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.23270	83.58120	11/26/2021	13:36:24	D	2.70
48	MAHARAJGANJ	NAUTANWA	S-NPP	27.31580	83.43060	11/26/2021	13:36:24	D	4.20
49	MEERUT	MAWANA	S-NPP	29.00730	78.04680	11/26/2021	13:36:24	D	1.10
50	MEERUT	MEERUT	S-NPP	28.86050	77.75200	11/26/2021	13:36:24	D	3.60
51	MORADABAD	MORADABAD	S-NPP	28.77660	78.81330	11/26/2021	13:36:24	D	2.00
52	MORADABAD	MORADABAD	S-NPP	29.09660	78.90570	11/26/2021	13:36:24	D	2.60
53	MUZAFARNAGAR	BUDHANA	S-NPP	29.30690	77.53260	11/26/2021	13:36:24	D	2.50
54	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.62550	77.95740	11/26/2021	13:36:24	D	2.40
55	PILHIBHIT	BISALPUR	S-NPP	28.42650	79.84110	11/26/2021	13:36:24	D	2.30
56	PILHIBHIT	BISALPUR	S-NPP	28.46200	79.90080	11/26/2021	13:36:24	D	1.40
57	PILHIBHIT	BISALPUR	S-NPP	28.46240	79.90080	11/26/2021	13:36:24	D	1.60
58	PILHIBHIT	PURANPUR	S-NPP	28.35700	80.20830	11/26/2021	13:36:24	D	4.60
59	PILHIBHIT	PURANPUR	S-NPP	28.63180	80.05460	11/26/2021	02:26:24	N	0.90
60	PILHIBHIT	PURANPUR	S-NPP	28.63620	80.05580	11/26/2021	02:26:24	N	0.80
61	RAIBEARELI	MAHARAJGANG	S-NPP	26.37080	81.35900	11/26/2021	13:36:24	D	3.50
62	RAIBEARELI	RAEBARELI	S-NPP	26.36480	81.05650	11/26/2021	13:36:24	D	2.90
63	RAIBEARELI	SALON	S-NPP	26.15970	81.52680	11/26/2021	02:26:24	N	0.30

64	RAIBEARELI	SALON	S-NPP	26.16100	81.52690	11/26/2021	02:26:24	N	0.30
65	RAIBEARELI	TILOI	S-NPP	26.29350	81.52320	11/26/2021	13:36:24	D	5.20
66	RAMPUR	BILASPUR	S-NPP	28.77000	79.27720	11/26/2021	13:36:24	D	5.20
67	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.97260	79.86360	11/26/2021	02:26:24	N	0.60
68	SHARANPUR	NAKUR	S-NPP	29.92570	77.38040	11/26/2021	13:36:24	D	1.70
69	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.68380	77.58410	11/26/2021	13:36:24	D	5.00
70	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.68400	77.58120	11/26/2021	13:36:24	D	2.70
71	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.69910	77.55420	11/26/2021	13:36:24	D	2.50
72	SITAPUR	MISRIK	S-NPP	27.67890	80.40610	11/26/2021	13:36:24	D	2.20
73	SITAPUR	SITAPUR	S-NPP	27.72130	80.68330	11/26/2021	13:36:24	D	2.40
74	SULTANPUR	KADIRPUR	S-NPP	26.19790	82.42430	11/26/2021	02:26:24	N	0.40

**Details of residue burning events in Rajasthan on 26-Nov-2021**

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	HANUMANGARH	HANUMANGARH	S-NPP	29.50950	74.18650	11/26/2021	13:36:24	D	7.60
2	HANUMANGARH	HANUMANGARH	S-NPP	29.51280	74.18580	11/26/2021	13:36:24	D	16.50
3	HANUMANGARH	HANUMANGARH	S-NPP	29.57290	74.25140	11/26/2021	13:36:24	D	9.90
4	HANUMANGARH	PILIBANGA	S-NPP	29.42650	74.01990	11/26/2021	13:36:24	D	11.50
5	HANUMANGARH	TIBI	S-NPP	29.53750	74.58020	11/26/2021	13:36:24	D	4.30
6	HANUMANGARH	TIBI	S-NPP	29.54860	74.58630	11/26/2021	13:36:24	D	2.50
7	HANUMANGARH	TIBI	S-NPP	29.56260	74.54270	11/26/2021	13:36:24	D	8.20
8	HANUMANGARH	TIBI	S-NPP	29.57310	74.54480	11/26/2021	13:36:24	D	2.40
9	HANUMANGARH	TIBI	AQUA	29.55700	74.52000	11/26/2021	14:21:18	D	24.60
10	HANUMANGARH	TIBI	AQUA	29.59400	74.42100	11/26/2021	14:21:18	D	18.70
11	HANUMANGARH	TIBI	AQUA	29.59400	74.42600	11/26/2021	14:21:18	D	19.50

### Details of residue burning events in Madhya Pradesh on 26-Nov-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BETUL	SHAHPUR	S-NPP	22.17750	77.62290	11/26/2021	13:36:24	D	1.90
2	BHIND	GOHAD	S-NPP	26.45200	78.28880	11/26/2021	13:36:24	D	1.30
3	BHIND	GOHAD	S-NPP	26.48390	78.27910	11/26/2021	13:36:24	D	3.90
4	BHIND	LAHAR	S-NPP	25.95100	78.80790	11/26/2021	13:36:24	D	3.40
5	BHOPAL	BERASIYA	S-NPP	23.68310	77.51330	11/26/2021	13:36:24	D	4.60
6	CHHINDWARA	AMARWARA	S-NPP	22.41440	79.10390	11/26/2021	13:36:24	D	2.70
7	DAMOH	DAMOH	S-NPP	23.91260	79.39870	11/26/2021	13:36:24	D	4.40
8	DATIA	SEONDHA	S-NPP	25.83360	78.49810	11/26/2021	13:36:24	D	1.90
9	DATIA	SEONDHA	S-NPP	25.86670	78.55480	11/26/2021	13:36:24	D	4.60
10	DATIA	SEONDHA	S-NPP	25.92670	78.50270	11/26/2021	13:36:24	D	2.40
11	DATIA	SEONDHA	S-NPP	25.98850	78.63860	11/26/2021	13:36:24	D	2.20
12	GWALIOR	BHITARWAR	S-NPP	25.71610	78.04810	11/26/2021	13:36:24	D	3.80
13	GWALIOR	BHITARWAR	S-NPP	25.72150	78.03370	11/26/2021	13:36:24	D	7.10
14	GWALIOR	BHITARWAR	S-NPP	25.72660	78.10080	11/26/2021	13:36:24	D	17.40
15	GWALIOR	BHITARWAR	S-NPP	25.73140	78.08190	11/26/2021	13:36:24	D	5.40
16	GWALIOR	BHITARWAR	S-NPP	25.73430	78.10420	11/26/2021	13:36:24	D	5.10
17	GWALIOR	BHITARWAR	S-NPP	25.77500	78.12150	11/26/2021	13:36:24	D	4.90
18	GWALIOR	BHITARWAR	S-NPP	25.77640	78.12030	11/26/2021	13:36:24	D	5.30
19	GWALIOR	BHITARWAR	S-NPP	25.77990	78.07520	11/26/2021	13:36:24	D	1.70
20	GWALIOR	BHITARWAR	S-NPP	25.78700	78.07400	11/26/2021	13:36:24	D	6.00
21	GWALIOR	BHITARWAR	S-NPP	25.79360	78.04120	11/26/2021	13:36:24	D	4.10
22	GWALIOR	BHITARWAR	S-NPP	25.79730	78.01350	11/26/2021	13:36:24	D	5.40
23	GWALIOR	BHITARWAR	S-NPP	25.80020	78.03570	11/26/2021	13:36:24	D	3.20
24	GWALIOR	BHITARWAR	S-NPP	25.82910	78.03560	11/26/2021	13:36:24	D	10.60
25	GWALIOR	BHITARWAR	S-NPP	25.83270	78.03510	11/26/2021	13:36:24	D	10.60
26	GWALIOR	BHITARWAR	S-NPP	25.83600	78.17140	11/26/2021	13:36:24	D	10.80
27	GWALIOR	BHITARWAR	S-NPP	25.84510	78.01950	11/26/2021	13:36:24	D	3.00
28	GWALIOR	BHITARWAR	S-NPP	25.86940	78.09290	11/26/2021	13:36:24	D	5.30
29	GWALIOR	BHITARWAR	S-NPP	25.86990	77.99410	11/26/2021	13:36:24	D	3.80

30	GWALIOR	BHITARWAR	S-NPP	25.87060	77.99280	11/26/2021	13:36:24	D	3.80
31	GWALIOR	BHITARWAR	S-NPP	25.87170	78.05610	11/26/2021	13:36:24	D	7.30
32	GWALIOR	BHITARWAR	S-NPP	25.87290	78.09240	11/26/2021	13:36:24	D	8.20
33	GWALIOR	BHITARWAR	S-NPP	25.87650	78.06450	11/26/2021	13:36:24	D	2.80
34	GWALIOR	BHITARWAR	S-NPP	25.87680	78.04750	11/26/2021	13:36:24	D	2.80
35	GWALIOR	BHITARWAR	S-NPP	25.87910	78.06530	11/26/2021	13:36:24	D	4.70
36	GWALIOR	BHITARWAR	S-NPP	25.88190	78.08760	11/26/2021	13:36:24	D	8.30
37	GWALIOR	BHITARWAR	S-NPP	25.88300	78.08620	11/26/2021	13:36:24	D	8.30
38	GWALIOR	BHITARWAR	S-NPP	25.88450	78.05080	11/26/2021	13:36:24	D	3.30
39	GWALIOR	BHITARWAR	S-NPP	25.89030	78.06810	11/26/2021	13:36:24	D	2.80
40	GWALIOR	BHITARWAR	S-NPP	25.89130	78.10440	11/26/2021	13:36:24	D	2.80
41	GWALIOR	BHITARWAR	S-NPP	25.89190	78.10890	11/26/2021	13:36:24	D	2.80
42	GWALIOR	BHITARWAR	S-NPP	25.89250	78.11340	11/26/2021	13:36:24	D	6.40
43	GWALIOR	BHITARWAR	S-NPP	25.89430	78.09940	11/26/2021	13:36:24	D	1.90
44	GWALIOR	BHITARWAR	S-NPP	25.90550	78.12960	11/26/2021	13:36:24	D	8.90
45	GWALIOR	BHITARWAR	S-NPP	25.90650	78.16620	11/26/2021	13:36:24	D	2.90
46	GWALIOR	BHITARWAR	S-NPP	25.91350	78.05070	11/26/2021	13:36:24	D	6.30
47	GWALIOR	BHITARWAR	S-NPP	25.91390	78.11000	11/26/2021	13:36:24	D	7.70
48	GWALIOR	BHITARWAR	S-NPP	25.91520	78.06410	11/26/2021	13:36:24	D	4.10
49	GWALIOR	BHITARWAR	S-NPP	25.91580	78.06860	11/26/2021	13:36:24	D	4.10
50	GWALIOR	BHITARWAR	S-NPP	25.91700	78.05010	11/26/2021	13:36:24	D	4.60
51	GWALIOR	BHITARWAR	S-NPP	25.91880	78.06360	11/26/2021	13:36:24	D	24.50
52	GWALIOR	BHITARWAR	S-NPP	25.91940	78.06800	11/26/2021	13:36:24	D	24.50
53	GWALIOR	BHITARWAR	S-NPP	25.91970	78.15490	11/26/2021	13:36:24	D	11.70
54	GWALIOR	BHITARWAR	S-NPP	25.92450	78.13580	11/26/2021	13:36:24	D	5.10
55	GWALIOR	BHITARWAR	S-NPP	25.93310	78.03400	11/26/2021	13:36:24	D	5.70
56	GWALIOR	BHITARWAR	S-NPP	25.93340	78.14820	11/26/2021	13:36:24	D	2.90
57	GWALIOR	BHITARWAR	S-NPP	25.93350	78.09320	11/26/2021	13:36:24	D	2.20
58	GWALIOR	BHITARWAR	S-NPP	25.93450	78.18480	11/26/2021	13:36:24	D	3.80
59	GWALIOR	BHITARWAR	S-NPP	25.93700	78.12010	11/26/2021	13:36:24	D	2.70
60	GWALIOR	BHITARWAR	S-NPP	25.94070	78.09210	11/26/2021	13:36:24	D	6.00
61	GWALIOR	BHITARWAR	S-NPP	25.94120	78.12400	11/26/2021	13:36:24	D	4.50
62	GWALIOR	BHITARWAR	S-NPP	25.94340	78.19720	11/26/2021	13:36:24	D	16.00

63	GWALIOR	BHITARWAR	S-NPP	25.94400	78.20180	11/26/2021	13:36:24	D	16.00
64	GWALIOR	BHITARWAR	S-NPP	25.94720	78.05910	11/26/2021	13:36:24	D	27.30
65	GWALIOR	BHITARWAR	S-NPP	25.94770	78.11840	11/26/2021	13:36:24	D	2.20
66	GWALIOR	BHITARWAR	S-NPP	25.95170	78.20510	11/26/2021	13:36:24	D	6.90
67	GWALIOR	BHITARWAR	S-NPP	25.95950	78.20850	11/26/2021	13:36:24	D	6.40
68	GWALIOR	BHITARWAR	S-NPP	25.96030	78.04790	11/26/2021	13:36:24	D	2.20
69	GWALIOR	BHITARWAR	S-NPP	25.98420	78.07700	11/26/2021	13:36:24	D	2.30
70	GWALIOR	BHITARWAR	S-NPP	25.98580	78.07580	11/26/2021	13:36:24	D	1.90
71	GWALIOR	DABRA	S-NPP	25.87290	78.14720	11/26/2021	13:36:24	D	2.90
72	GWALIOR	DABRA	S-NPP	25.87350	78.15170	11/26/2021	13:36:24	D	4.70
73	GWALIOR	DABRA	S-NPP	25.87460	78.18830	11/26/2021	13:36:24	D	3.10
74	GWALIOR	DABRA	S-NPP	25.87990	78.28450	11/26/2021	13:36:24	D	2.60
75	GWALIOR	DABRA	S-NPP	25.88950	78.30160	11/26/2021	13:36:24	D	3.10
76	GWALIOR	DABRA	S-NPP	25.89610	78.26800	11/26/2021	13:36:24	D	7.60
77	GWALIOR	DABRA	S-NPP	25.89850	78.25840	11/26/2021	13:36:24	D	4.90
78	GWALIOR	DABRA	S-NPP	25.89960	78.25500	11/26/2021	13:36:24	D	5.90
79	GWALIOR	DABRA	S-NPP	25.90020	78.25950	11/26/2021	13:36:24	D	8.30
80	GWALIOR	DABRA	S-NPP	25.90210	78.25780	11/26/2021	13:36:24	D	7.30
81	GWALIOR	DABRA	S-NPP	25.91090	78.25790	11/26/2021	13:36:24	D	1.90
82	GWALIOR	DABRA	S-NPP	25.91400	78.22490	11/26/2021	13:36:24	D	3.00
83	GWALIOR	DABRA	S-NPP	25.91460	78.22940	11/26/2021	13:36:24	D	3.80
84	GWALIOR	DABRA	S-NPP	25.91940	78.23800	11/26/2021	13:36:24	D	12.70
85	GWALIOR	DABRA	S-NPP	25.92250	78.20510	11/26/2021	13:36:24	D	3.30
86	GWALIOR	DABRA	S-NPP	25.92760	78.27380	11/26/2021	13:36:24	D	4.40
87	GWALIOR	DABRA	S-NPP	25.93890	78.30470	11/26/2021	13:36:24	D	4.60
88	GWALIOR	DABRA	S-NPP	25.95460	78.25560	11/26/2021	13:36:24	D	9.50
89	GWALIOR	DABRA	S-NPP	25.97540	78.33170	11/26/2021	13:36:24	D	5.60
90	GWALIOR	DABRA	S-NPP	25.97890	78.35930	11/26/2021	13:36:24	D	8.80
91	GWALIOR	GWALIOR	S-NPP	26.29210	78.17490	11/26/2021	13:36:24	D	2.40
92	HOSHANGABAD	BABAI	S-NPP	22.67180	78.02640	11/26/2021	13:36:24	D	3.10
93	HOSHANGABAD	BANKHERI	S-NPP	22.83270	78.55490	11/26/2021	13:36:24	D	2.10
94	HOSHANGABAD	HOSHANGABAD	S-NPP	22.71720	77.75230	11/26/2021	13:36:24	D	1.40
95	HOSHANGABAD	SEONI MALWA	S-NPP	22.37410	77.41260	11/26/2021	13:36:24	D	2.90

96	JABALPUR	JABALPUR	S-NPP	23.15170	79.84980	11/26/2021	13:36:24	D	2.50
97	JABALPUR	JABALPUR	S-NPP	23.15490	79.84440	11/26/2021	13:36:24	D	2.50
98	JABALPUR	JABALPUR	S-NPP	23.17120	79.85210	11/26/2021	13:36:24	D	6.00
99	JABALPUR	JABALPUR	S-NPP	23.18500	79.90050	11/26/2021	13:36:24	D	1.80
100	JABALPUR	JABALPUR	S-NPP	23.22850	79.91630	11/26/2021	13:36:24	D	4.20
101	JABALPUR	JABALPUR	S-NPP	23.24240	79.93470	11/26/2021	13:36:24	D	6.60
102	JABALPUR	JABALPUR	S-NPP	23.24280	80.00100	11/26/2021	13:36:24	D	4.60
103	JABALPUR	JABALPUR	S-NPP	23.24460	80.01600	11/26/2021	13:36:24	D	7.30
104	JABALPUR	JABALPUR	S-NPP	23.24920	79.98980	11/26/2021	13:36:24	D	4.40
105	JABALPUR	JABALPUR	S-NPP	23.26000	79.95250	11/26/2021	13:36:24	D	3.30
106	JABALPUR	JABALPUR	S-NPP	23.26060	79.95750	11/26/2021	13:36:24	D	3.30
107	JABALPUR	JABALPUR	S-NPP	23.26460	79.86560	11/26/2021	13:36:24	D	16.80
108	JABALPUR	JABALPUR	S-NPP	23.27010	79.94090	11/26/2021	13:36:24	D	6.40
109	JABALPUR	JABALPUR	S-NPP	23.27390	79.94030	11/26/2021	13:36:24	D	6.40
110	JABALPUR	JABALPUR	S-NPP	23.28660	79.88770	11/26/2021	13:36:24	D	3.20
111	JABALPUR	JABALPUR	S-NPP	23.29350	79.94260	11/26/2021	13:36:24	D	1.30
112	JABALPUR	JABALPUR	S-NPP	23.29980	79.84030	11/26/2021	13:36:24	D	7.00
113	JABALPUR	JABALPUR	S-NPP	23.30050	79.96710	11/26/2021	13:36:24	D	3.60
114	JABALPUR	JABALPUR	S-NPP	23.30110	79.97220	11/26/2021	13:36:24	D	3.60
115	JABALPUR	JABALPUR	S-NPP	23.30240	79.89050	11/26/2021	13:36:24	D	5.90
116	JABALPUR	JABALPUR	S-NPP	23.30690	79.86670	11/26/2021	13:36:24	D	1.00
117	JABALPUR	JABALPUR	S-NPP	23.30940	79.97610	11/26/2021	13:36:24	D	4.90
118	JABALPUR	JABALPUR	S-NPP	23.31440	79.95490	11/26/2021	13:36:24	D	11.80
119	JABALPUR	JABALPUR	S-NPP	23.31610	79.91100	11/26/2021	13:36:24	D	5.40
120	JABALPUR	JABALPUR	S-NPP	23.31630	79.90880	11/26/2021	13:36:24	D	5.20
121	JABALPUR	JABALPUR	S-NPP	23.31780	79.95670	11/26/2021	13:36:24	D	10.30
122	JABALPUR	JABALPUR	S-NPP	23.32900	79.94780	11/26/2021	13:36:24	D	4.70
123	JABALPUR	JABALPUR	S-NPP	23.33230	79.94950	11/26/2021	13:36:24	D	4.30
124	JABALPUR	JABALPUR	S-NPP	23.33440	79.90330	11/26/2021	13:36:24	D	3.70
125	JABALPUR	JABALPUR	S-NPP	23.34120	79.95850	11/26/2021	13:36:24	D	2.90
126	JABALPUR	JABALPUR	S-NPP	23.34600	80.02970	11/26/2021	13:36:24	D	8.80
127	JABALPUR	JABALPUR	S-NPP	23.34830	79.89120	11/26/2021	13:36:24	D	3.30
128	JABALPUR	JABALPUR	S-NPP	23.35780	79.90510	11/26/2021	13:36:24	D	2.90

129	JABALPUR	JABALPUR	S-NPP	23.36470	79.92950	11/26/2021	13:36:24	D	5.20
130	JABALPUR	JABALPUR	S-NPP	23.36970	79.90840	11/26/2021	13:36:24	D	5.50
131	JABALPUR	MAJHOULI	S-NPP	23.37280	79.99500	11/26/2021	13:36:24	D	2.60
132	JABALPUR	MAJHOULI	S-NPP	23.37850	79.97880	11/26/2021	13:36:24	D	3.50
133	JABALPUR	MAJHOULI	S-NPP	23.38990	79.97710	11/26/2021	13:36:24	D	4.90
134	JABALPUR	MAJHOULI	S-NPP	23.40450	79.96990	11/26/2021	13:36:24	D	3.30
135	JABALPUR	MAJHOULI	S-NPP	23.42680	80.02340	11/26/2021	13:36:24	D	3.50
136	JABALPUR	MAJHOULI	S-NPP	23.44530	79.96610	11/26/2021	13:36:24	D	7.70
137	JABALPUR	MAJHOULI	S-NPP	23.44960	80.00150	11/26/2021	13:36:24	D	7.70
138	JABALPUR	MAJHOULI	S-NPP	23.45030	80.00660	11/26/2021	13:36:24	D	7.70
139	JABALPUR	MAJHOULI	S-NPP	23.51450	80.05440	11/26/2021	13:36:24	D	3.90
140	JABALPUR	MAJHOULI	S-NPP	23.52280	80.02730	11/26/2021	13:36:24	D	4.40
141	JABALPUR	MAJHOULI	S-NPP	23.53070	79.91090	11/26/2021	13:36:24	D	6.10
142	JABALPUR	MAJHOULI	S-NPP	23.53150	79.91260	11/26/2021	13:36:24	D	4.60
143	JABALPUR	MAJHOULI	S-NPP	23.53230	79.97940	11/26/2021	13:36:24	D	3.10
144	JABALPUR	MAJHOULI	S-NPP	23.53490	80.06200	11/26/2021	13:36:24	D	3.30
145	JABALPUR	MAJHOULI	S-NPP	23.54640	79.94460	11/26/2021	13:36:24	D	3.10
146	JABALPUR	MAJHOULI	S-NPP	23.54910	80.17530	11/26/2021	13:36:24	D	2.20
147	JABALPUR	MAJHOULI	S-NPP	23.55510	79.98460	11/26/2021	13:36:24	D	4.30
148	JABALPUR	PATAN	S-NPP	23.18750	79.82960	11/26/2021	13:36:24	D	6.00
149	JABALPUR	PATAN	S-NPP	23.18750	79.85980	11/26/2021	13:36:24	D	2.40
150	JABALPUR	PATAN	S-NPP	23.18810	79.86470	11/26/2021	13:36:24	D	2.40
151	JABALPUR	PATAN	S-NPP	23.19130	79.85920	11/26/2021	13:36:24	D	7.20
152	JABALPUR	PATAN	S-NPP	23.19860	79.86000	11/26/2021	13:36:24	D	5.60
153	JABALPUR	PATAN	S-NPP	23.20130	79.81760	11/26/2021	13:36:24	D	6.60
154	JABALPUR	PATAN	S-NPP	23.21040	79.73820	11/26/2021	13:36:24	D	2.70
155	JABALPUR	PATAN	S-NPP	23.21320	79.82270	11/26/2021	13:36:24	D	10.50
156	JABALPUR	PATAN	S-NPP	23.22270	79.77630	11/26/2021	13:36:24	D	7.10
157	JABALPUR	PATAN	S-NPP	23.22400	79.78610	11/26/2021	13:36:24	D	4.40
158	JABALPUR	PATAN	S-NPP	23.22460	79.79100	11/26/2021	13:36:24	D	4.40
159	JABALPUR	PATAN	S-NPP	23.22550	79.67660	11/26/2021	13:36:24	D	5.50
160	JABALPUR	PATAN	S-NPP	23.23580	79.81940	11/26/2021	13:36:24	D	3.20
161	JABALPUR	PATAN	S-NPP	23.23650	79.76430	11/26/2021	13:36:24	D	3.90



162	JABALPUR	PATAN	S-NPP	23.25650	79.83150	11/26/2021	13:36:24	D	20.30
163	JABALPUR	PATAN	S-NPP	23.27850	79.67380	11/26/2021	13:36:24	D	8.90
164	JABALPUR	PATAN	S-NPP	23.27970	79.77300	11/26/2021	13:36:24	D	4.00
165	JABALPUR	PATAN	S-NPP	23.29670	79.81570	11/26/2021	13:36:24	D	2.80
166	JABALPUR	PATAN	S-NPP	23.29750	79.72750	11/26/2021	13:36:24	D	3.50
167	JABALPUR	PATAN	S-NPP	23.30080	79.81710	11/26/2021	13:36:24	D	7.80
168	JABALPUR	PATAN	S-NPP	23.30110	79.82000	11/26/2021	13:36:24	D	7.80
169	JABALPUR	PATAN	S-NPP	23.30360	79.80960	11/26/2021	13:36:24	D	3.80
170	JABALPUR	PATAN	S-NPP	23.30400	79.81160	11/26/2021	13:36:24	D	4.20
171	JABALPUR	PATAN	S-NPP	23.30740	79.74600	11/26/2021	13:36:24	D	4.10
172	JABALPUR	PATAN	S-NPP	23.32620	79.74330	11/26/2021	13:36:24	D	7.10
173	JABALPUR	PATAN	S-NPP	23.38060	79.84090	11/26/2021	13:36:24	D	4.20
174	JABALPUR	PATAN	S-NPP	23.38690	79.82990	11/26/2021	13:36:24	D	4.10
175	JABALPUR	PATAN	S-NPP	23.39570	79.83870	11/26/2021	13:36:24	D	11.00
176	JABALPUR	SAHPURA	S-NPP	23.08790	79.80200	11/26/2021	13:36:24	D	5.30
177	JABALPUR	SAHPURA	S-NPP	23.09170	79.80140	11/26/2021	13:36:24	D	5.80
178	JABALPUR	SAHPURA	S-NPP	23.09230	79.80340	11/26/2021	13:36:24	D	10.00
179	JABALPUR	SAHPURA	S-NPP	23.09230	79.80630	11/26/2021	13:36:24	D	5.80
180	JABALPUR	SAHPURA	S-NPP	23.15630	79.58710	11/26/2021	13:36:24	D	4.70
181	JABALPUR	SAHPURA	S-NPP	23.15930	79.81870	11/26/2021	13:36:24	D	8.10
182	JABALPUR	SAHPURA	S-NPP	23.17120	79.64360	11/26/2021	13:36:24	D	9.50
183	JABALPUR	SAHPURA	S-NPP	23.17120	79.73230	11/26/2021	13:36:24	D	32.70
184	JABALPUR	SAHPURA	S-NPP	23.17220	79.64500	11/26/2021	13:36:24	D	9.60
185	JABALPUR	SAHPURA	S-NPP	23.17490	79.64300	11/26/2021	13:36:24	D	9.50
186	JABALPUR	SAHPURA	S-NPP	23.17590	79.64440	11/26/2021	13:36:24	D	9.60
187	JABALPUR	SAHPURA	S-NPP	23.17870	79.67200	11/26/2021	13:36:24	D	7.00
188	JABALPUR	SAHPURA	S-NPP	23.17950	79.67340	11/26/2021	13:36:24	D	6.30
189	JABALPUR	SAHPURA	S-NPP	23.18940	79.78440	11/26/2021	13:36:24	D	5.20
190	JABALPUR	SIHORA	S-NPP	23.35080	80.10150	11/26/2021	13:36:24	D	3.40
191	JABALPUR	SIHORA	S-NPP	23.35910	80.10560	11/26/2021	13:36:24	D	6.00
192	JABALPUR	SIHORA	S-NPP	23.36290	80.10500	11/26/2021	13:36:24	D	6.00
193	JABALPUR	SIHORA	S-NPP	23.37380	80.09830	11/26/2021	13:36:24	D	7.50
194	JABALPUR	SIHORA	S-NPP	23.38910	80.09620	11/26/2021	13:36:24	D	7.80

195	JABALPUR	SIHORA	S-NPP	23.40110	80.19400	11/26/2021	13:36:24	D	8.00
196	JABALPUR	SIHORA	S-NPP	23.40240	80.17280	11/26/2021	13:36:24	D	7.00
197	JABALPUR	SIHORA	S-NPP	23.40500	80.19350	11/26/2021	13:36:24	D	8.00
198	JABALPUR	SIHORA	S-NPP	23.41140	80.18200	11/26/2021	13:36:24	D	12.10
199	JABALPUR	SIHORA	S-NPP	23.42360	80.12260	11/26/2021	13:36:24	D	7.10
200	JABALPUR	SIHORA	S-NPP	23.42490	80.22770	11/26/2021	13:36:24	D	2.70
201	JABALPUR	SIHORA	S-NPP	23.43970	80.22030	11/26/2021	13:36:24	D	5.10
202	JABALPUR	SIHORA	S-NPP	23.44230	80.24120	11/26/2021	13:36:24	D	15.70
203	JABALPUR	SIHORA	S-NPP	23.44420	80.22500	11/26/2021	13:36:24	D	3.70
204	JABALPUR	SIHORA	S-NPP	23.44920	80.14000	11/26/2021	13:36:24	D	3.90
205	JABALPUR	SIHORA	S-NPP	23.45450	80.21300	11/26/2021	13:36:24	D	3.90
206	JABALPUR	SIHORA	S-NPP	23.45710	80.23380	11/26/2021	13:36:24	D	4.10
207	JABALPUR	SIHORA	S-NPP	23.45760	80.17550	11/26/2021	13:36:24	D	7.30
208	JABALPUR	SIHORA	S-NPP	23.45830	80.23600	11/26/2021	13:36:24	D	5.60
209	JABALPUR	SIHORA	S-NPP	23.48960	80.07370	11/26/2021	13:36:24	D	2.90
210	JABALPUR	SIHORA	S-NPP	23.49020	80.07880	11/26/2021	13:36:24	D	2.60
211	KATNI	BAHURIBAND	S-NPP	23.66970	80.11140	11/26/2021	13:36:24	D	4.20
212	KATNI	BAHURIBAND	S-NPP	23.72550	79.96200	11/26/2021	13:36:24	D	7.10
213	KATNI	DHIMERKHEDA	S-NPP	23.46620	80.30710	11/26/2021	13:36:24	D	4.90
214	KATNI	DHIMERKHEDA	S-NPP	23.53300	80.26800	11/26/2021	13:36:24	D	3.90
215	KATNI	DHIMERKHEDA	S-NPP	23.53880	80.28320	11/26/2021	13:36:24	D	9.40
216	MANDLA	BACHHIYA	S-NPP	22.51100	80.45360	11/26/2021	13:36:24	D	4.00
217	MANDLA	MANDLA	S-NPP	22.60920	80.37920	11/26/2021	13:36:24	D	3.60
218	MANDLA	NAINPUR	S-NPP	22.38710	80.19910	11/26/2021	13:36:24	D	8.70
219	MANDLA	NAINPUR	S-NPP	22.39030	80.19360	11/26/2021	13:36:24	D	6.30
220	MANDLA	NAINPUR	S-NPP	22.39090	80.19860	11/26/2021	13:36:24	D	17.80
221	MANDLA	NAINPUR	S-NPP	22.41790	80.14580	11/26/2021	13:36:24	D	4.40
222	NARSHIMAPURA	GADARWARA	S-NPP	22.88880	78.62490	11/26/2021	13:36:24	D	1.80
223	NARSHIMAPURA	GOTECAON	S-NPP	23.02170	79.40780	11/26/2021	13:36:24	D	2.90
224	NARSHIMAPURA	GOTECAON	S-NPP	23.03510	79.54000	11/26/2021	13:36:24	D	2.60
225	RAISEN	BARELI	S-NPP	22.86790	78.13020	11/26/2021	13:36:24	D	1.70
226	RAISEN	BARELI	S-NPP	22.86960	78.13040	11/26/2021	13:36:24	D	1.80
227	RAISEN	BARELI	S-NPP	22.93920	78.04390	11/26/2021	13:36:24	D	1.90

228	RAISEN	BARELI	S-NPP	22.94220	77.98900	11/26/2021	13:36:24	D	3.50
229	RAISEN	BARELI	S-NPP	22.94280	77.96810	11/26/2021	13:36:24	D	3.70
230	RAISEN	BARELI	S-NPP	22.99700	78.24780	11/26/2021	02:26:24	N	1.00
231	RAISEN	GOHARGANJ	S-NPP	23.02920	77.59210	11/26/2021	13:36:24	D	1.40
232	RAISEN	GOHARGANJ	S-NPP	23.05860	77.62810	11/26/2021	13:36:24	D	5.60
233	RAISEN	GOHARGANJ	S-NPP	23.06620	77.55770	11/26/2021	13:36:24	D	3.50
234	RAISEN	GOHARGANJ	S-NPP	23.08180	77.47000	11/26/2021	13:36:24	D	1.60
235	RAISEN	RAISEN	S-NPP	23.32710	77.90860	11/26/2021	13:36:24	D	4.30
236	RAISEN	SILVANI	S-NPP	23.18180	78.34650	11/26/2021	13:36:24	D	2.10
237	RAISEN	UDAIPURA	S-NPP	23.02130	78.53970	11/26/2021	13:36:24	D	1.10
238	RAISEN	UDAIPURA	S-NPP	23.06100	78.59990	11/26/2021	13:36:24	D	2.50
239	REWA	HUZUR	S-NPP	24.39370	81.34850	11/26/2021	13:36:24	D	3.70
240	REWA	HUZUR	S-NPP	24.45150	81.29050	11/26/2021	13:36:24	D	2.60
241	REWA	RAJPUR KUCHULIYAN	S-NPP	24.61950	81.41790	11/26/2021	13:36:24	D	3.50
242	REWA	TEONTHAR	S-NPP	24.97650	81.55100	11/26/2021	13:36:24	D	2.10
243	REWA	TEONTHAR	S-NPP	24.99660	81.42590	11/26/2021	13:36:24	D	3.60
244	REWA	TEONTHAR	S-NPP	24.99730	81.42930	11/26/2021	13:36:24	D	6.30
245	REWA	TEONTHAR	S-NPP	24.99840	81.48280	11/26/2021	13:36:24	D	5.70
246	REWA	TEONTHAR	S-NPP	25.01050	81.59670	11/26/2021	13:36:24	D	6.40
247	REWA	TEONTHAR	S-NPP	25.01100	81.60120	11/26/2021	13:36:24	D	6.40
248	REWA	TEONTHAR	S-NPP	25.01240	81.59990	11/26/2021	13:36:24	D	11.30
249	SAGAR	BINA	S-NPP	24.16180	78.10110	11/26/2021	13:36:24	D	6.50
250	SATNA	AMARPATAN	S-NPP	24.37790	81.20820	11/26/2021	13:36:24	D	1.30
251	SATNA	AMARPATAN	S-NPP	24.39950	81.17640	11/26/2021	13:36:24	D	3.60
252	SATNA	AMARPATAN	S-NPP	24.45900	81.20580	11/26/2021	13:36:24	D	2.50
253	SATNA	MAIHAR	S-NPP	24.10800	80.86510	11/26/2021	13:36:24	D	2.60
254	SATNA	MAIHAR	S-NPP	24.21320	80.74510	11/26/2021	13:36:24	D	1.80
255	SATNA	MAIHAR	S-NPP	24.38050	80.87140	11/26/2021	13:36:24	D	2.10
256	SATNA	MAIHAR	S-NPP	24.39130	80.85810	11/26/2021	13:36:24	D	6.50
257	SATNA	MAJHGAWAN	S-NPP	24.72480	80.89760	11/26/2021	13:36:24	D	3.00
258	SATNA	MAJHGAWAN	S-NPP	24.72530	80.89730	11/26/2021	13:36:24	D	2.70
259	SATNA	NAGOD	S-NPP	24.49300	80.52790	11/26/2021	13:36:24	D	2.10
260	SATNA	NAGOD	S-NPP	24.50960	80.53130	11/26/2021	13:36:24	D	5.00

261	SATNA	NAGOD	S-NPP	24.52890	80.59180	11/26/2021	13:36:24	D	8.90
262	SATNA	NAGOD	S-NPP	24.62130	80.67750	11/26/2021	13:36:24	D	1.40
263	SATNA	NAGOD	S-NPP	24.64450	80.59670	11/26/2021	13:36:24	D	2.60
264	SATNA	NAGOD	S-NPP	24.69810	80.58910	11/26/2021	13:36:24	D	4.60
265	SATNA	RAGURAJNAGAR	S-NPP	24.57960	80.92030	11/26/2021	13:36:24	D	2.90
266	SATNA	RAGURAJNAGAR	S-NPP	24.65570	80.65720	11/26/2021	13:36:24	D	5.30
267	SATNA	RAGURAJNAGAR	S-NPP	24.73990	80.81130	11/26/2021	13:36:24	D	3.10
268	SATNA	RAMPURBAGHLEAN	S-NPP	24.51320	81.12810	11/26/2021	13:36:24	D	1.90
269	SATNA	RAMPURBAGHLEAN	S-NPP	24.52190	80.96010	11/26/2021	13:36:24	D	2.60
270	SATNA	RAMPURBAGHLEAN	S-NPP	24.56100	81.12220	11/26/2021	13:36:24	D	4.40
271	SATNA	UCHAHAR	S-NPP	24.35470	80.79210	11/26/2021	13:36:24	D	3.60
272	SATNA	UCHAHAR	S-NPP	24.39720	80.84100	11/26/2021	13:36:24	D	4.00
273	SATNA	UCHAHAR	S-NPP	24.39750	80.84150	11/26/2021	13:36:24	D	4.20
274	SATNA	UCHAHAR	S-NPP	24.40310	80.82040	11/26/2021	13:36:24	D	5.60
275	SATNA	UCHAHAR	S-NPP	24.46120	80.86020	11/26/2021	13:36:24	D	3.30
276	SATNA	UCHAHAR	S-NPP	24.49350	80.74520	11/26/2021	13:36:24	D	1.70
277	SATNA	UCHAHAR	S-NPP	24.50650	80.75130	11/26/2021	13:36:24	D	2.40
278	SATNA	UCHAHAR	S-NPP	24.53660	80.79850	11/26/2021	13:36:24	D	2.40
279	SEONI	SEONI	S-NPP	22.08640	79.49010	11/26/2021	13:36:24	D	2.40
280	SHEOPUR	SHEOPUR	S-NPP	25.44210	76.60170	11/26/2021	13:36:24	D	4.00
281	SHEOPUR	SHEOPUR	S-NPP	25.45830	76.59490	11/26/2021	13:36:24	D	2.70
282	SHEOPUR	SHEOPUR	S-NPP	25.47200	76.60970	11/26/2021	13:36:24	D	5.80
283	SHEOPUR	SHEOPUR	S-NPP	25.48950	76.58650	11/26/2021	13:36:24	D	2.30
284	SHEOPUR	SHEOPUR	S-NPP	25.49770	76.69490	11/26/2021	13:36:24	D	2.00
285	SHEOPUR	SHEOPUR	S-NPP	25.49900	76.55640	11/26/2021	13:36:24	D	4.20
286	SHEOPUR	SHEOPUR	S-NPP	25.50290	76.60850	11/26/2021	13:36:24	D	3.00
287	SHEOPUR	SHEOPUR	S-NPP	25.55570	76.61580	11/26/2021	13:36:24	D	2.90
288	SHEOPUR	SHEOPUR	S-NPP	25.68560	76.61840	11/26/2021	13:36:24	D	1.40
289	SHEOPUR	SHEOPUR	S-NPP	25.72890	76.55810	11/26/2021	13:36:24	D	10.00
290	SHEOPUR	SHEOPUR	S-NPP	25.76490	76.61720	11/26/2021	13:36:24	D	4.10
291	SHEOPUR	SHEOPUR	S-NPP	25.78970	76.62110	11/26/2021	13:36:24	D	2.10
292	SHEOPUR	SHEOPUR	S-NPP	25.78970	76.69490	11/26/2021	13:36:24	D	2.60
293	SHEOPUR	SHEOPUR	S-NPP	25.79020	76.62110	11/26/2021	13:36:24	D	2.50

294	SHEOPUR	SHEOPUR	S-NPP	25.79860	76.63200	11/26/2021	13:36:24	D	3.30
295	SHEOPUR	SHEOPUR	S-NPP	25.80420	76.67200	11/26/2021	13:36:24	D	3.70
296	SHEOPUR	SHEOPUR	S-NPP	25.80530	76.65540	11/26/2021	13:36:24	D	7.00
297	SHEOPUR	SHEOPUR	S-NPP	25.81150	76.65020	11/26/2021	13:36:24	D	6.90
298	SHEOPUR	SHEOPUR	S-NPP	25.82330	76.66050	11/26/2021	13:36:24	D	10.50
299	SHEOPUR	SHEOPUR	S-NPP	25.82670	76.66000	11/26/2021	13:36:24	D	10.50
300	SHEOPUR	SHEOPUR	S-NPP	25.83290	76.65480	11/26/2021	13:36:24	D	2.80
301	SHEOPUR	SHEOPUR	S-NPP	25.83630	76.65420	11/26/2021	13:36:24	D	3.10
302	SHIVPURI	NARWAR	S-NPP	25.58230	78.09900	11/26/2021	13:36:24	D	2.70
303	SHIVPURI	NARWAR	S-NPP	25.63580	78.25930	11/26/2021	13:36:24	D	4.00
304	SHIVPURI	NARWAR	S-NPP	25.64830	78.27120	11/26/2021	13:36:24	D	5.50
305	SHIVPURI	NARWAR	S-NPP	25.65330	78.14230	11/26/2021	13:36:24	D	4.30
306	SHIVPURI	NARWAR	S-NPP	25.67050	78.16240	11/26/2021	13:36:24	D	2.60
307	SHIVPURI	NARWAR	S-NPP	25.69140	77.99780	11/26/2021	13:36:24	D	2.80
308	SHIVPURI	NARWAR	S-NPP	25.70620	78.00000	11/26/2021	13:36:24	D	3.50
309	SHIVPURI	NARWAR	S-NPP	25.74510	77.99390	11/26/2021	13:36:24	D	8.10
310	SHIVPURI	NARWAR	S-NPP	25.74570	77.99830	11/26/2021	13:36:24	D	6.30
311	SINGRAULI	CHITRANGI	S-NPP	24.30870	82.56820	11/26/2021	13:36:24	D	6.90
312	UMARIA	MANPUR	S-NPP	23.93180	80.90820	11/26/2021	13:36:24	D	1.90
313	VIDESHA	BASODA	S-NPP	23.99250	77.96710	11/26/2021	13:36:24	D	2.00
314	VIDESHA	NATERAN	S-NPP	23.82370	77.83210	11/26/2021	13:36:24	D	2.20
315	VIDESHA	NATERAN	S-NPP	23.88990	77.67920	11/26/2021	13:36:24	D	8.40
316	VIDESHA	NATERAN	S-NPP	23.93380	77.74330	11/26/2021	13:36:24	D	4.00
317	VIDESHA	VIDESHA	S-NPP	23.60920	77.83960	11/26/2021	13:36:24	D	2.50
318	VIDESHA	VIDESHA	S-NPP	23.61150	77.83080	11/26/2021	13:36:24	D	2.10

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

S. No.	Satellite Name	Sensor	Resolution (meter)	Day / Night Passes
1.	Suomi NPP	VIIRS	375 / 750	Both
2.	Terra	MODIS	1000	Both
3.	Aqua	MODIS	1000	Both

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

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

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