

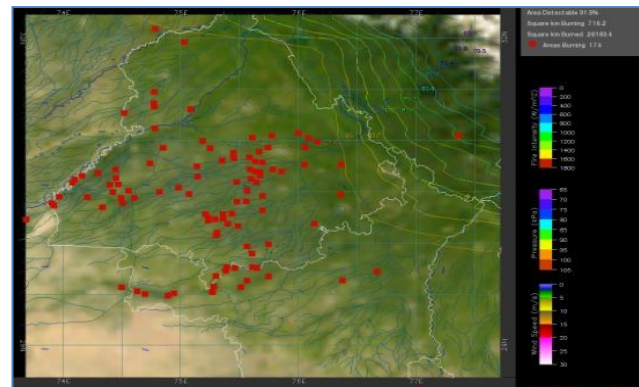
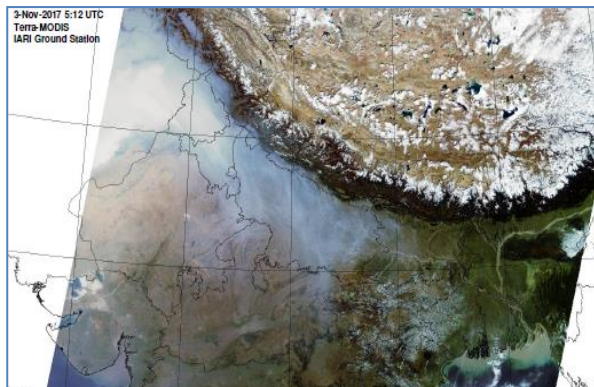


MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2021

**Bulletin
No. 74**

**Events Date:
27-Nov-2021**

**Issued on:
27-Nov-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**

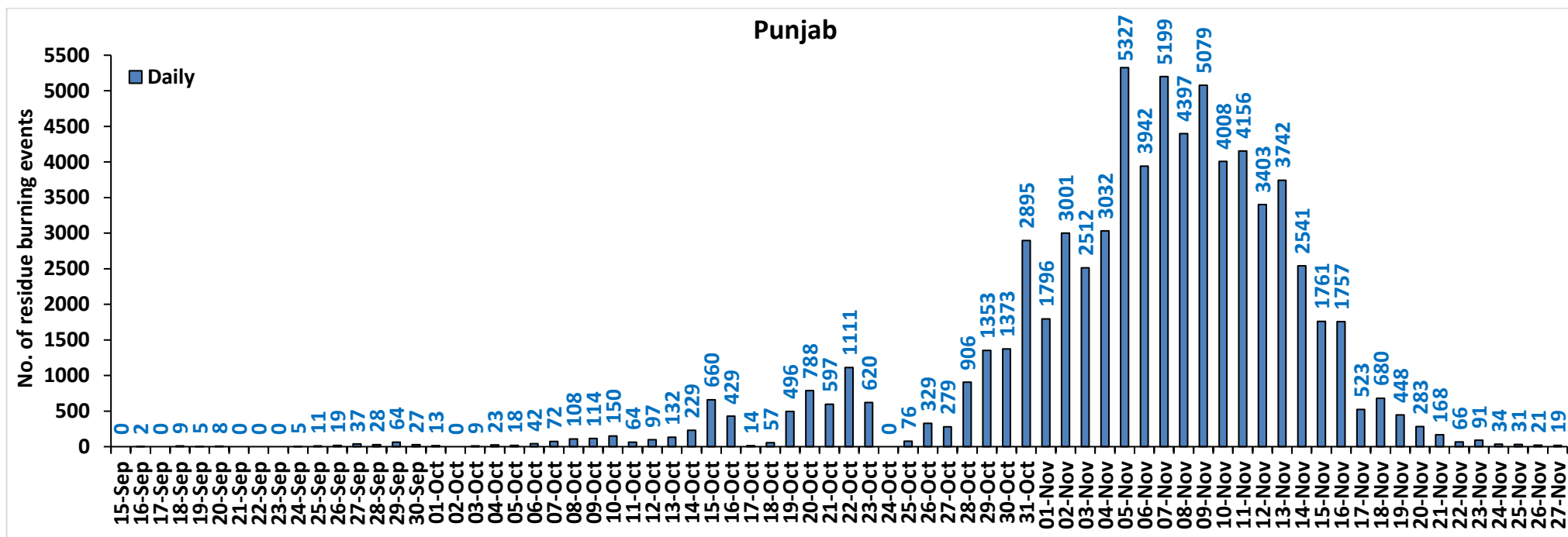
<http://creams.iari.res.in>

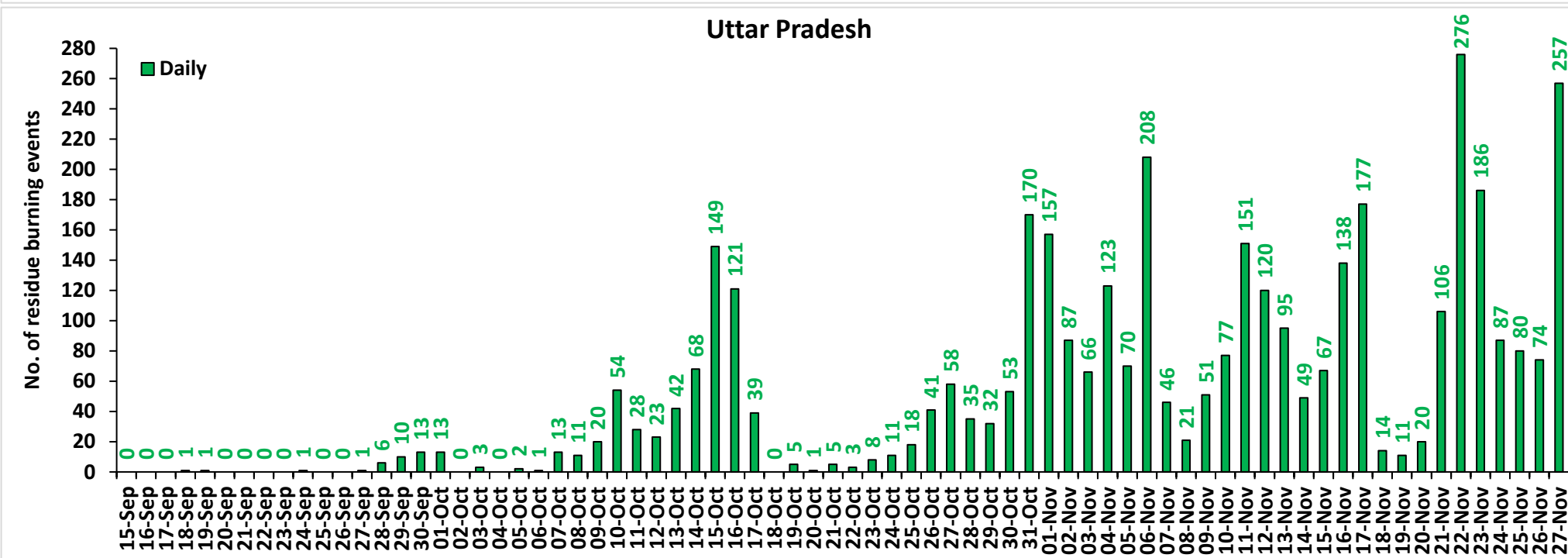
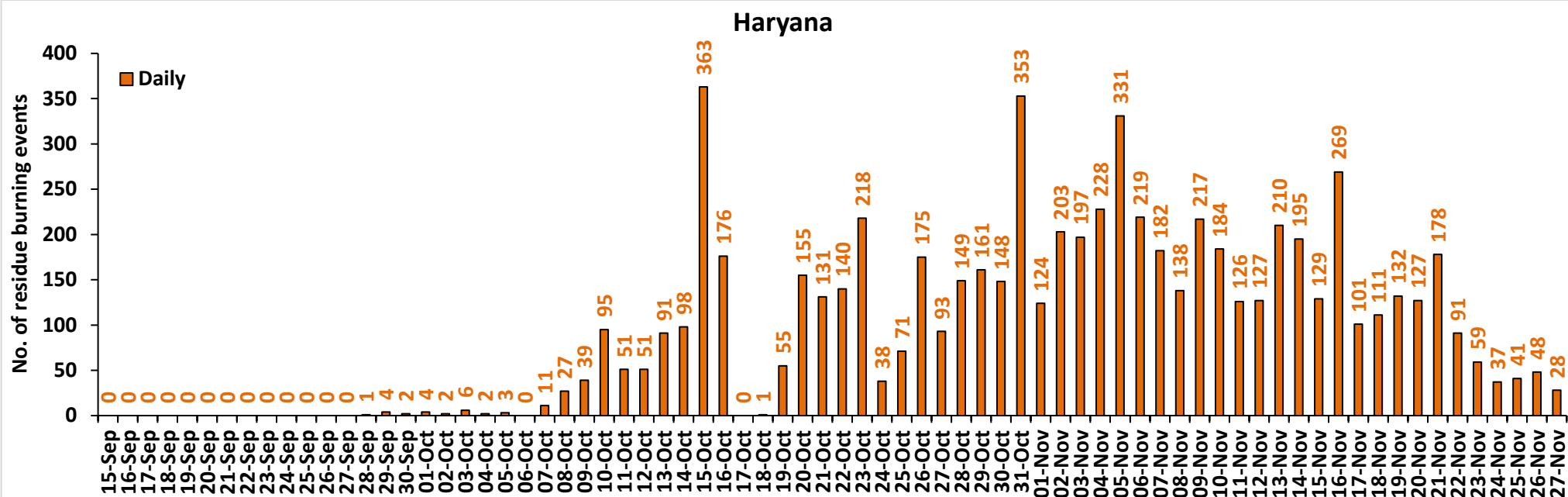


Highlights for 27-November-2021

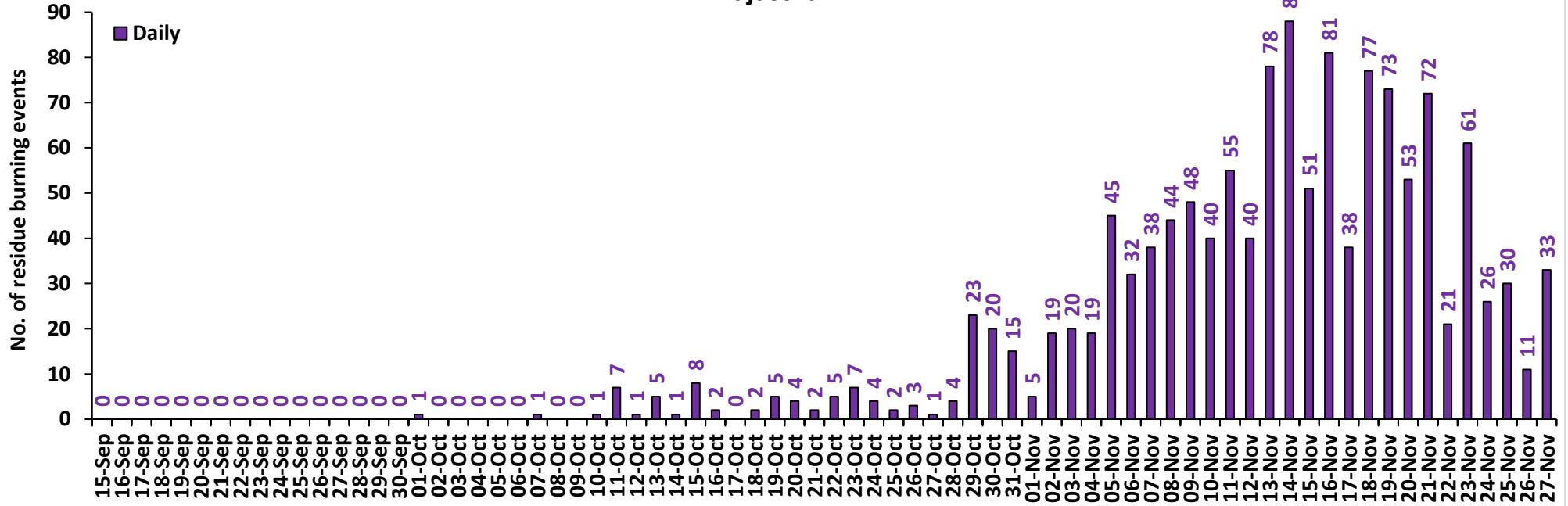
- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the new "Standard Protocol for Estimation of Crop Residue Burning Fire Events using Satellite Data".
- Satellites detected **753** residue burning events in the six study States on 27-Nov-2021.
- The state wise events detected on 27-Nov-21 were **19** in Punjab, **28** in Haryana, **257** in UP, **0** in Delhi, **33** in Raj and **416** in MP.
- The number of events has decreased from **472** on 26-Nov-2021 to **753** on 27-Nov-2021 in the six study states.
- Total **91320** burning events were detected in the six states between 15-Sept-2021 and 27-Nov-2021, which are distributed as **71286**, **6946**, **3874**, **4**, **1322** and **7888** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.
- Overall, the total burning events recorded in the six states are **14.4%** less than in 2020 till date. Punjab recorded **13.9%** reduction, Haryana recorded **71.0%** increase, UP recorded **4.5%** reduction, Delhi recorded **55.6%** reduction, Rajasthan recorded **21.4%** reduction and MP recorded **43.6%** reduction, in the current season than in 2020.

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

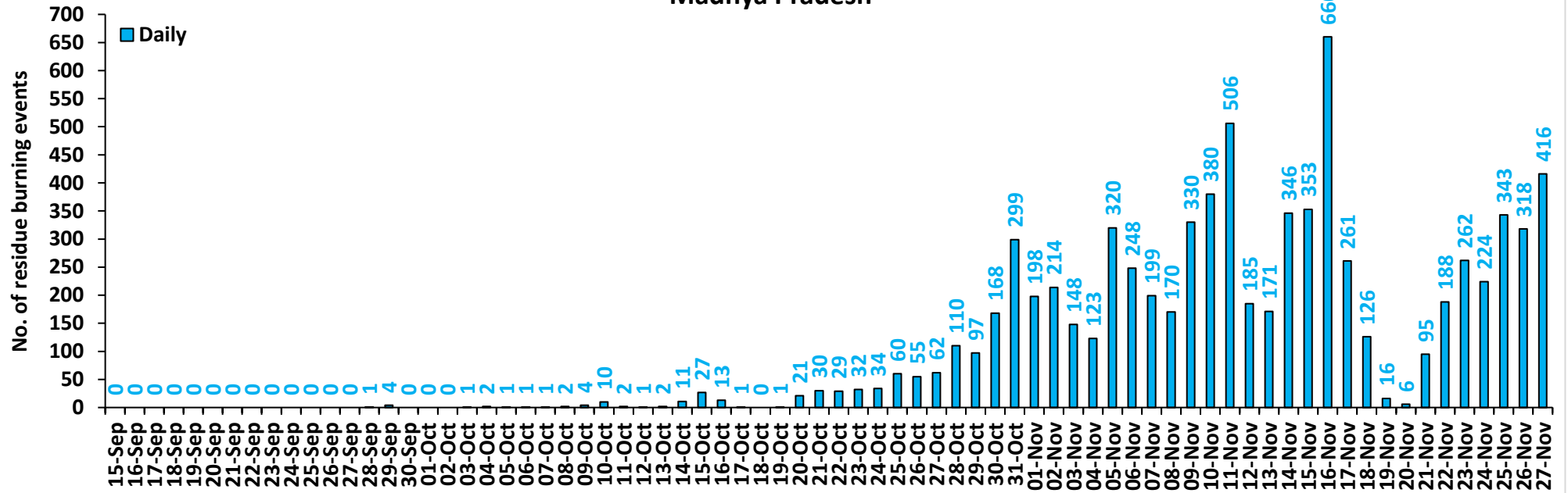




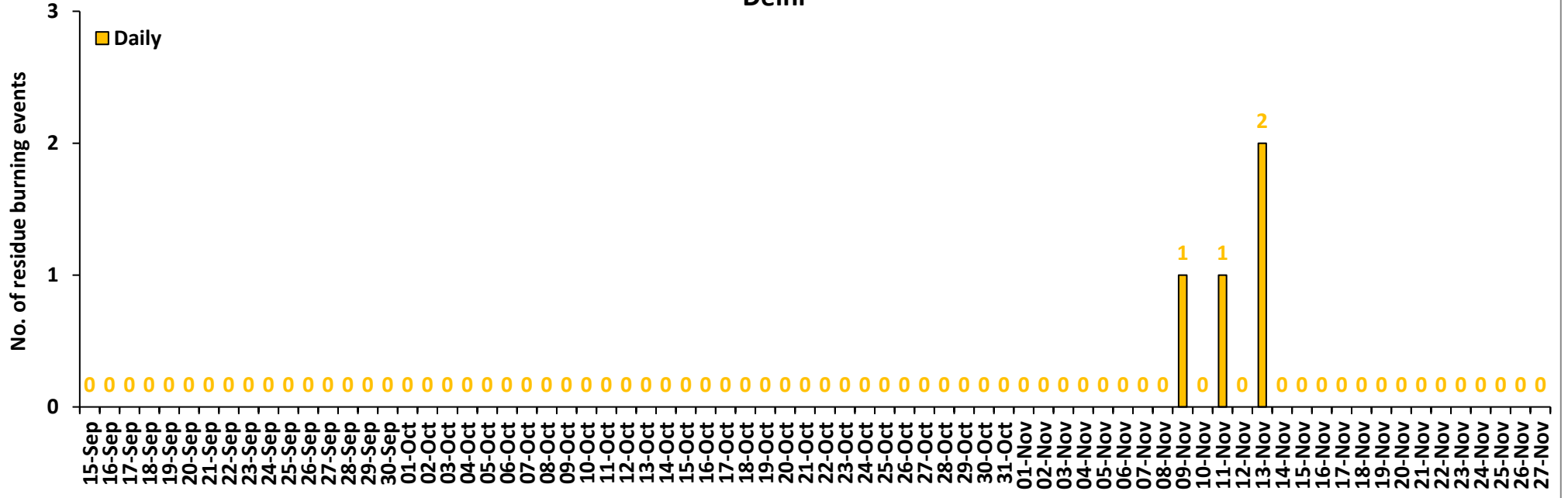
Rajasthan



Madhya Pradesh

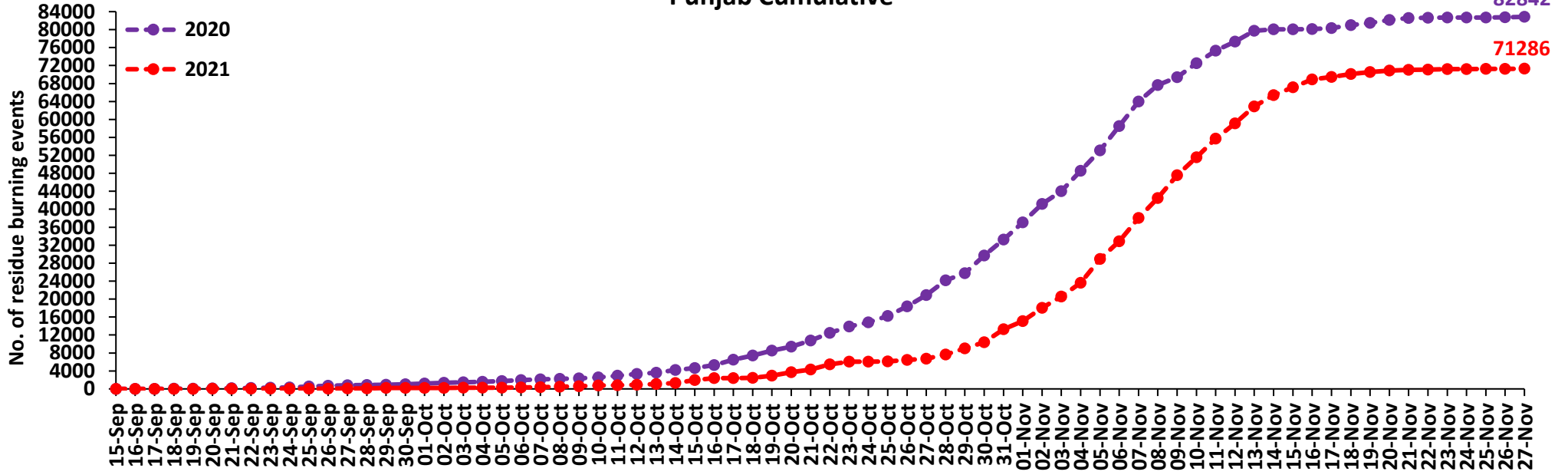


Delhi

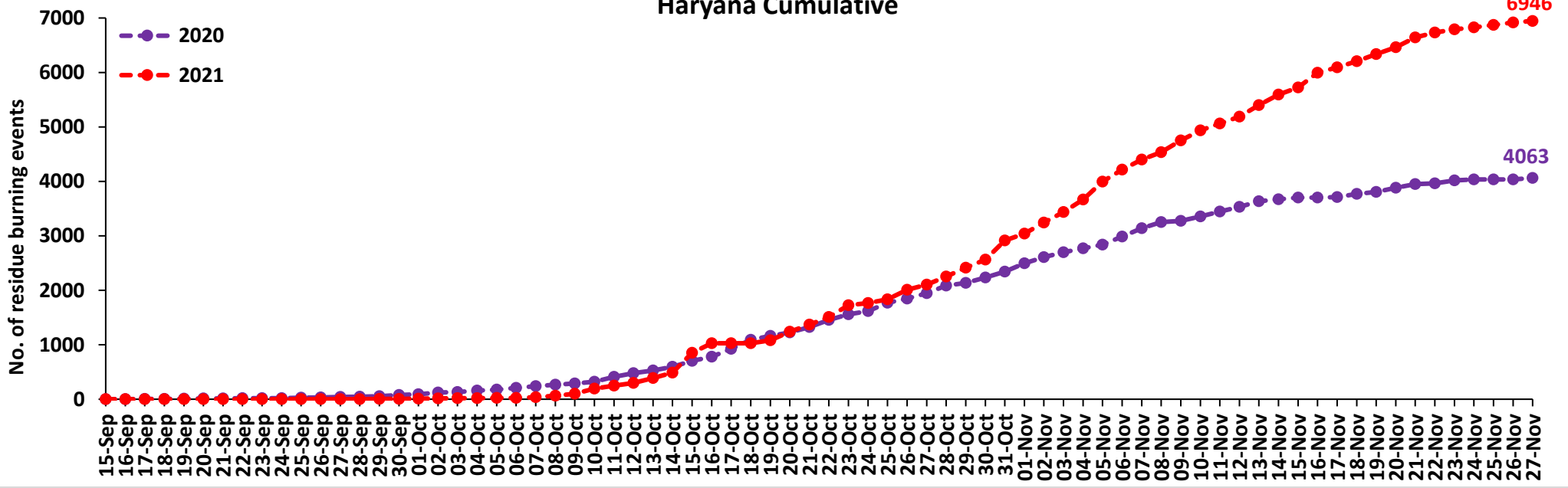


Comparison of residue burning events in current year (2021) with previous year (2020) for the study States

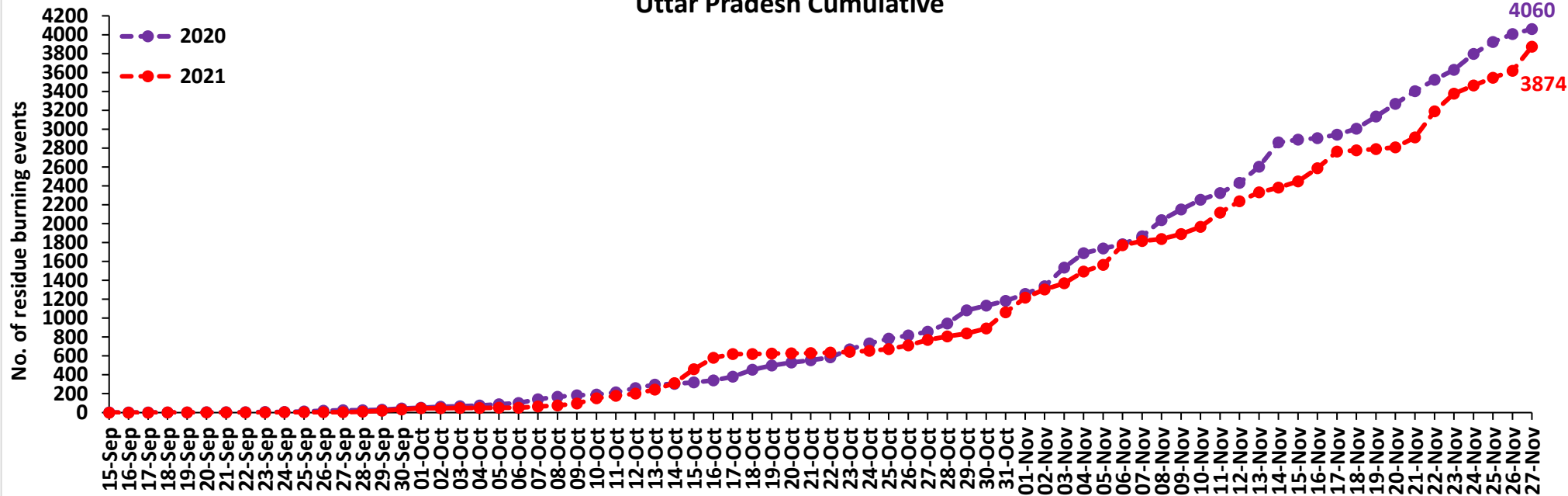
Punjab Cumulative



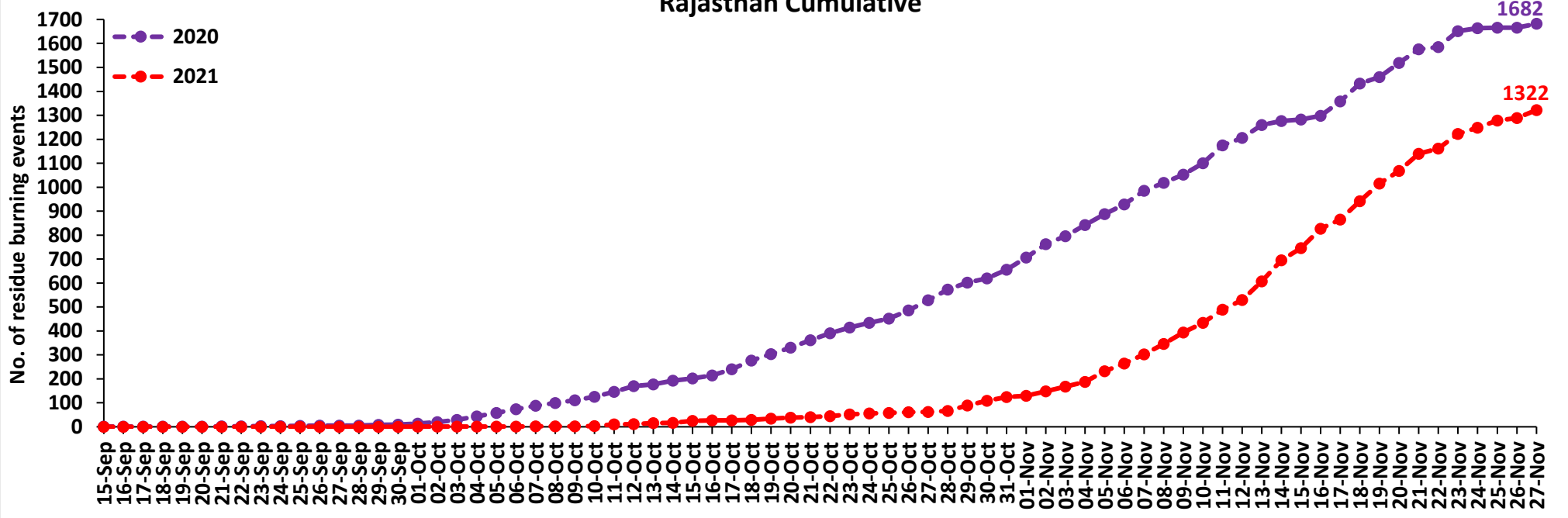
Haryana Cumulative



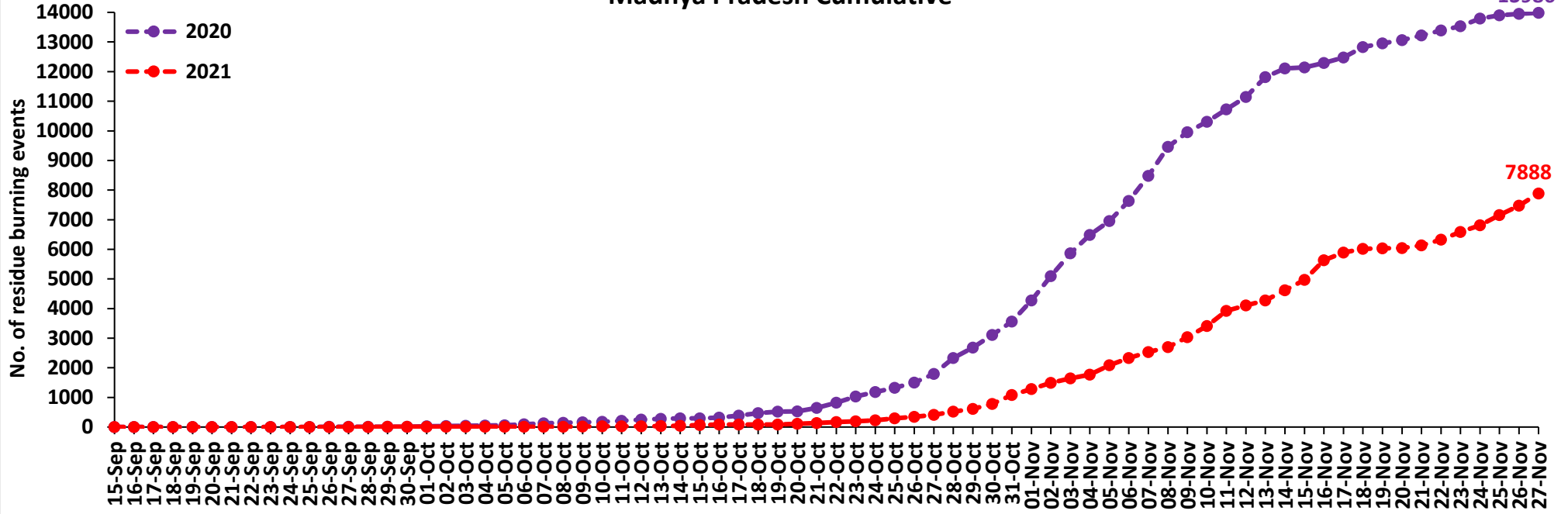
Uttar Pradesh Cumulative



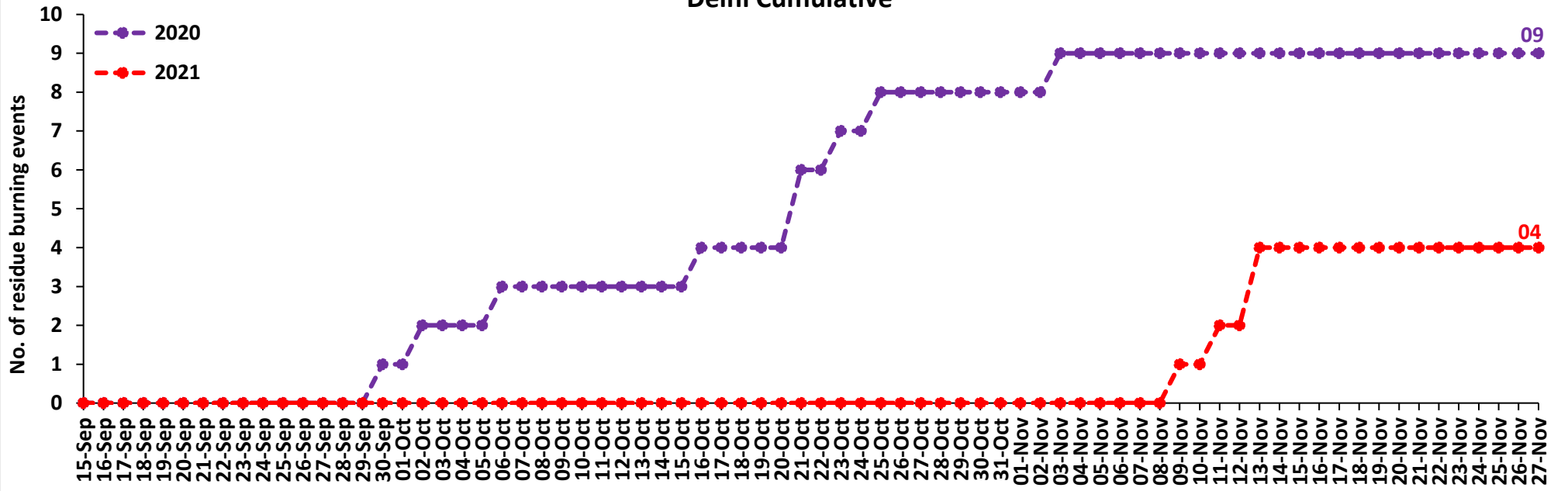
Rajasthan Cumulative



Madhya Pradesh Cumulative

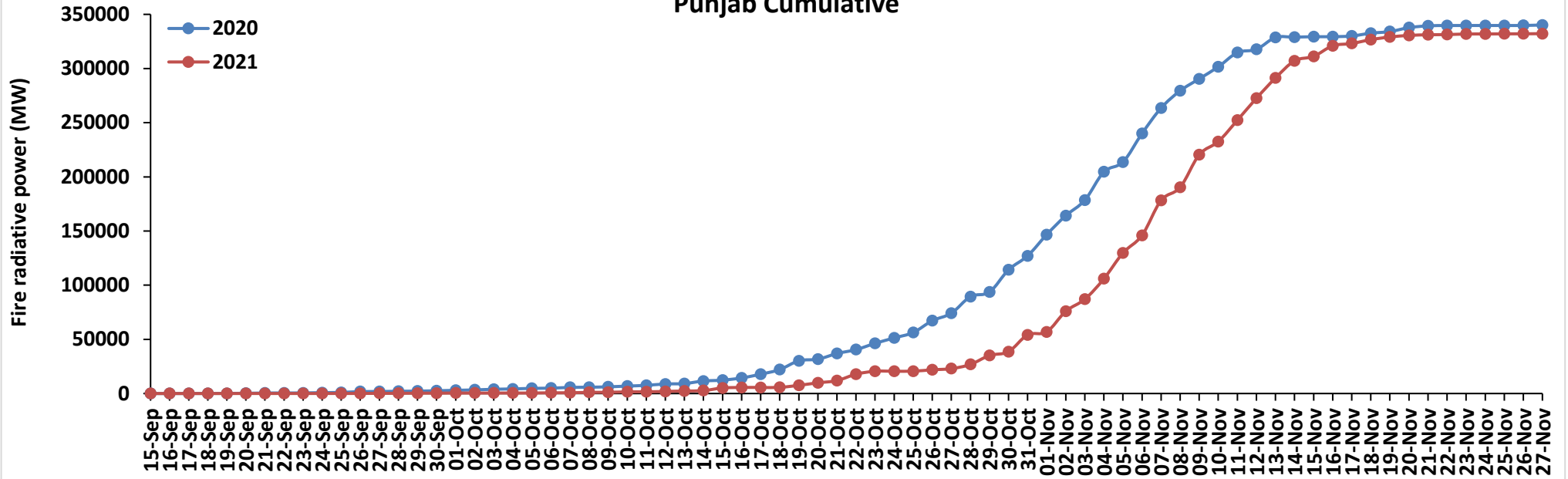


Delhi Cumulative

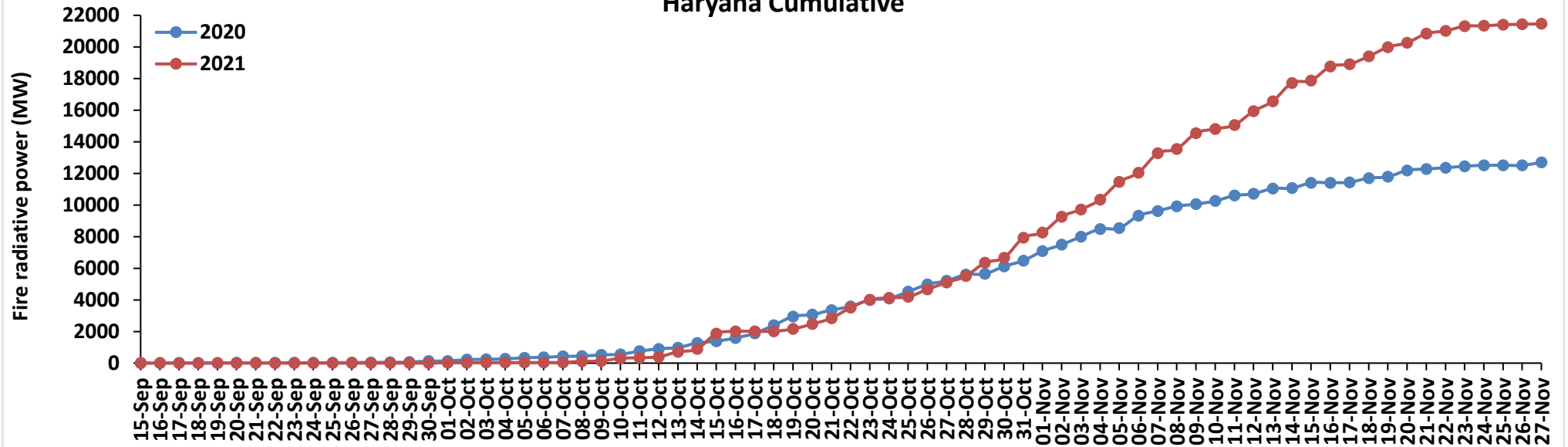


Comparison of residue burning fire power in current year (2021) with previous year (2020) for the study States

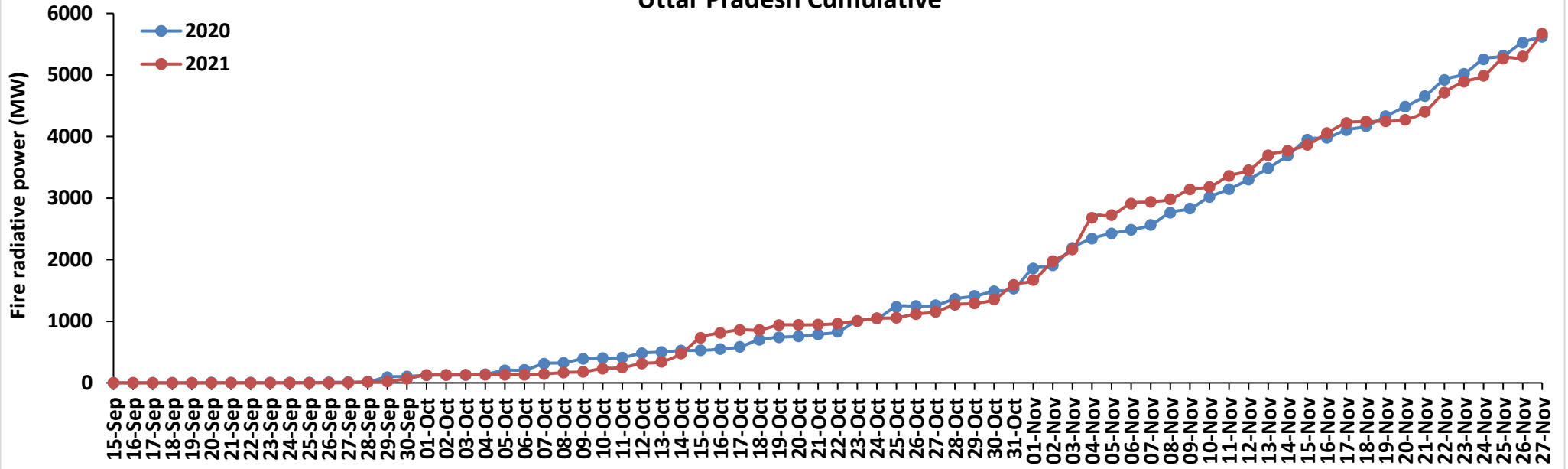
Punjab Cumulative



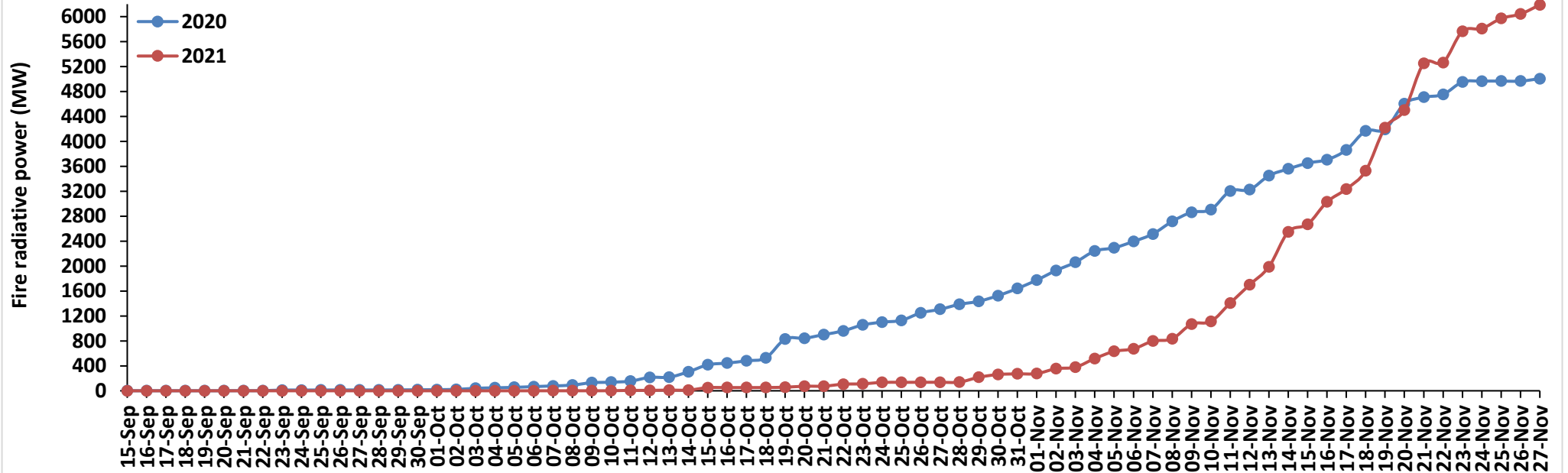
Haryana Cumulative



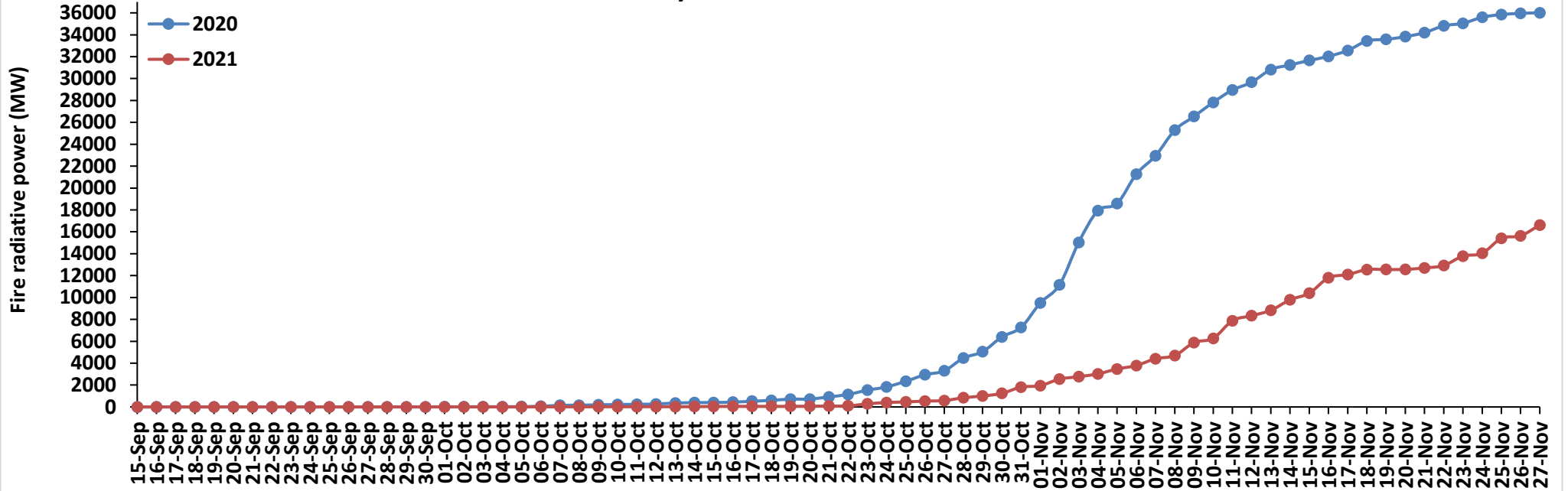
Uttar Pradesh Cumulative



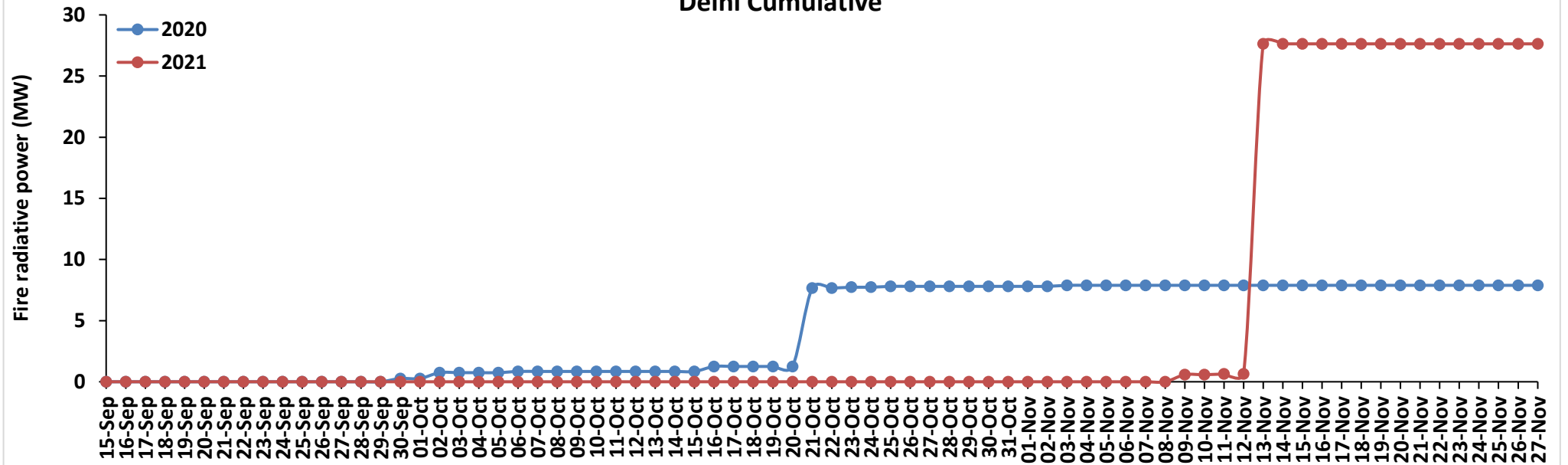
Rajasthan Cumulative



Madhya Pradesh Cumulative

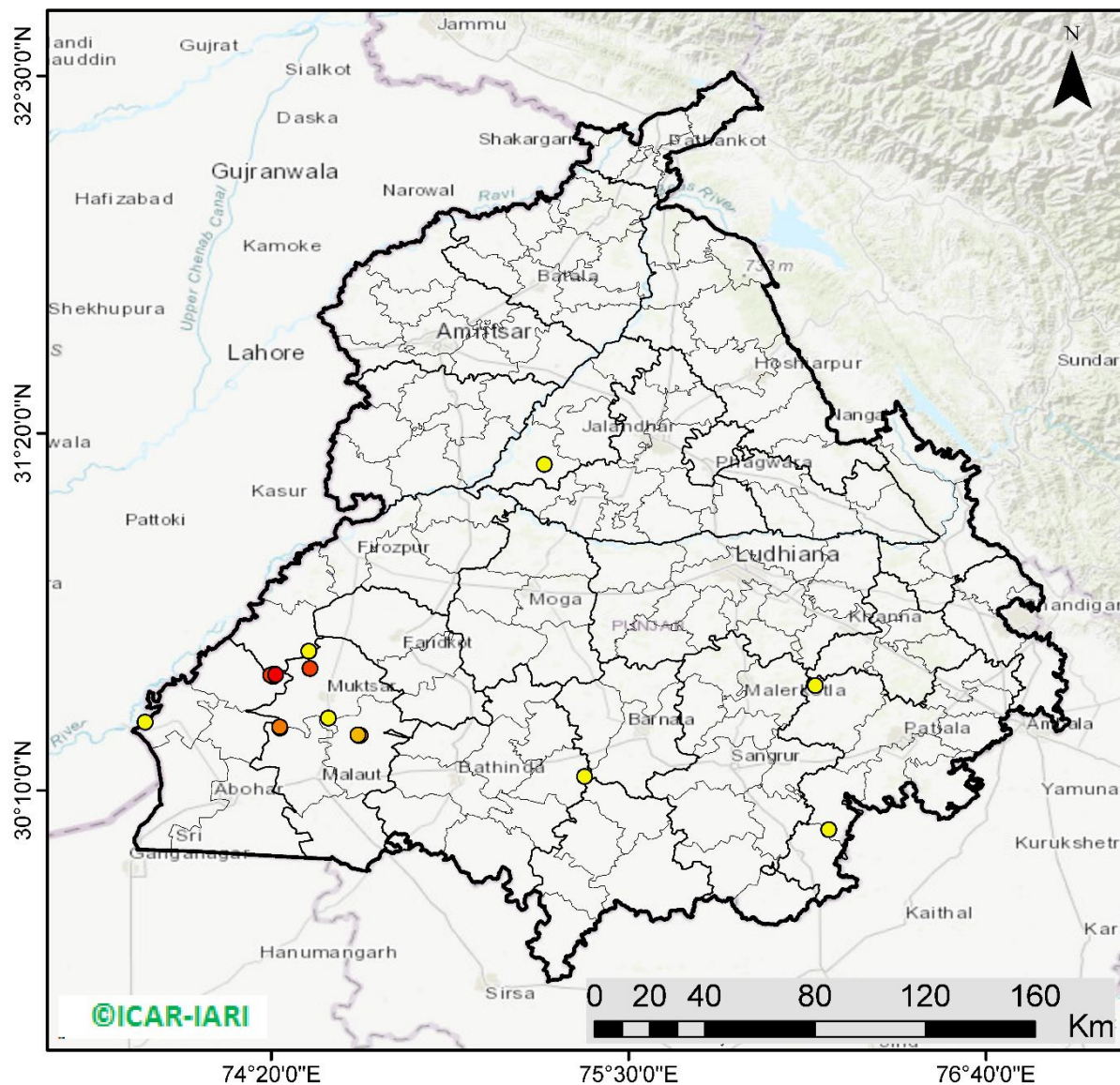


Delhi Cumulative



Punjab

RICE RESIDUE BURNING IN PUNJAB



19 burning events detected in Punjab on **27th November 2021**

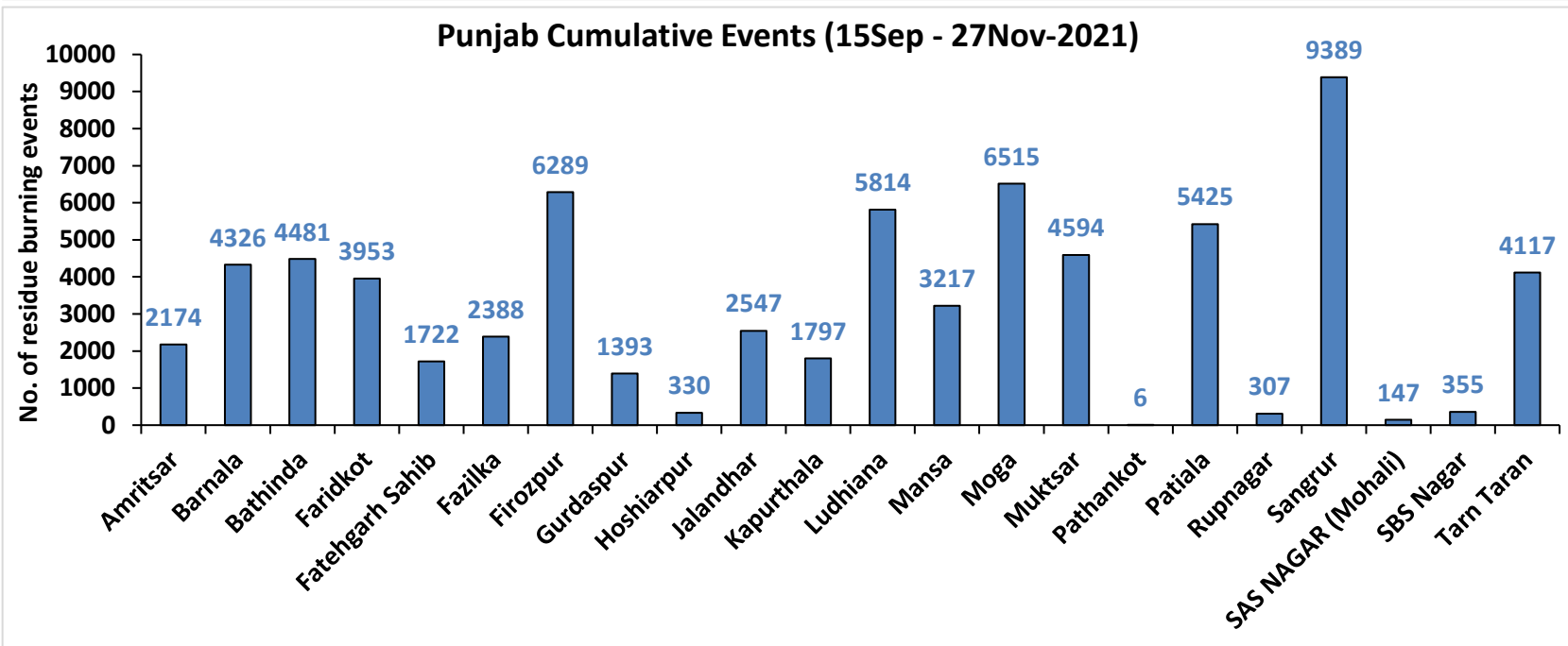
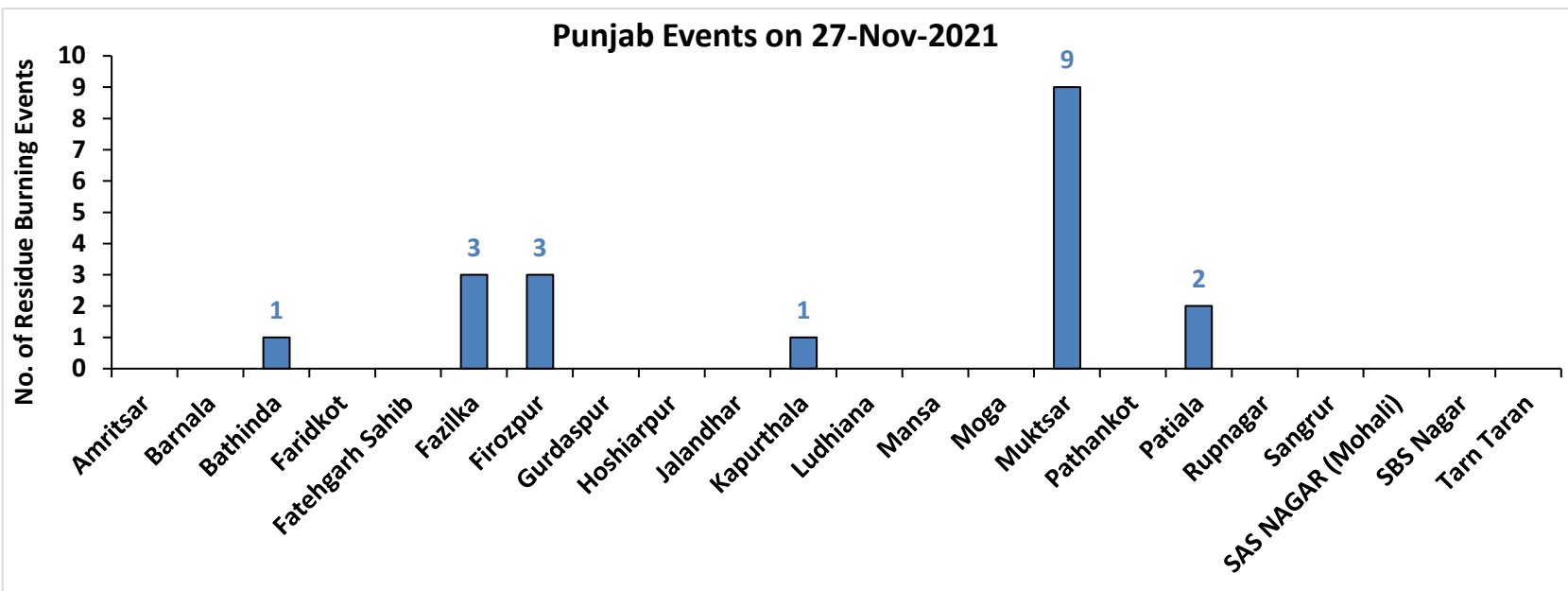
Fire Intensity (W/m²)

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



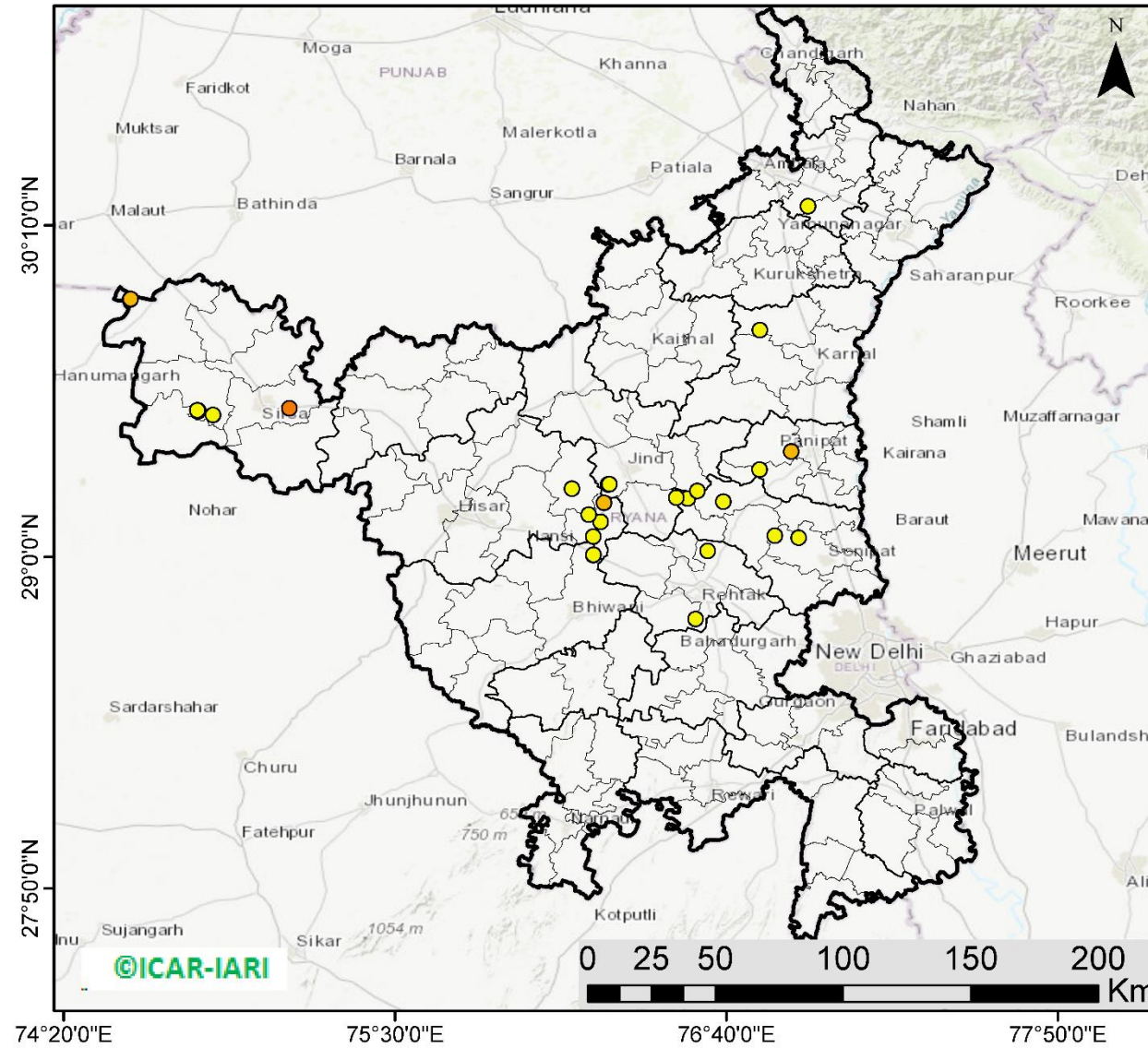
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Punjab (15 Sep - 27 Nov-2021)



Haryana

RICE RESIDUE BURNING IN HARYANA



28 burning events detected in Haryana on 27th November 2021

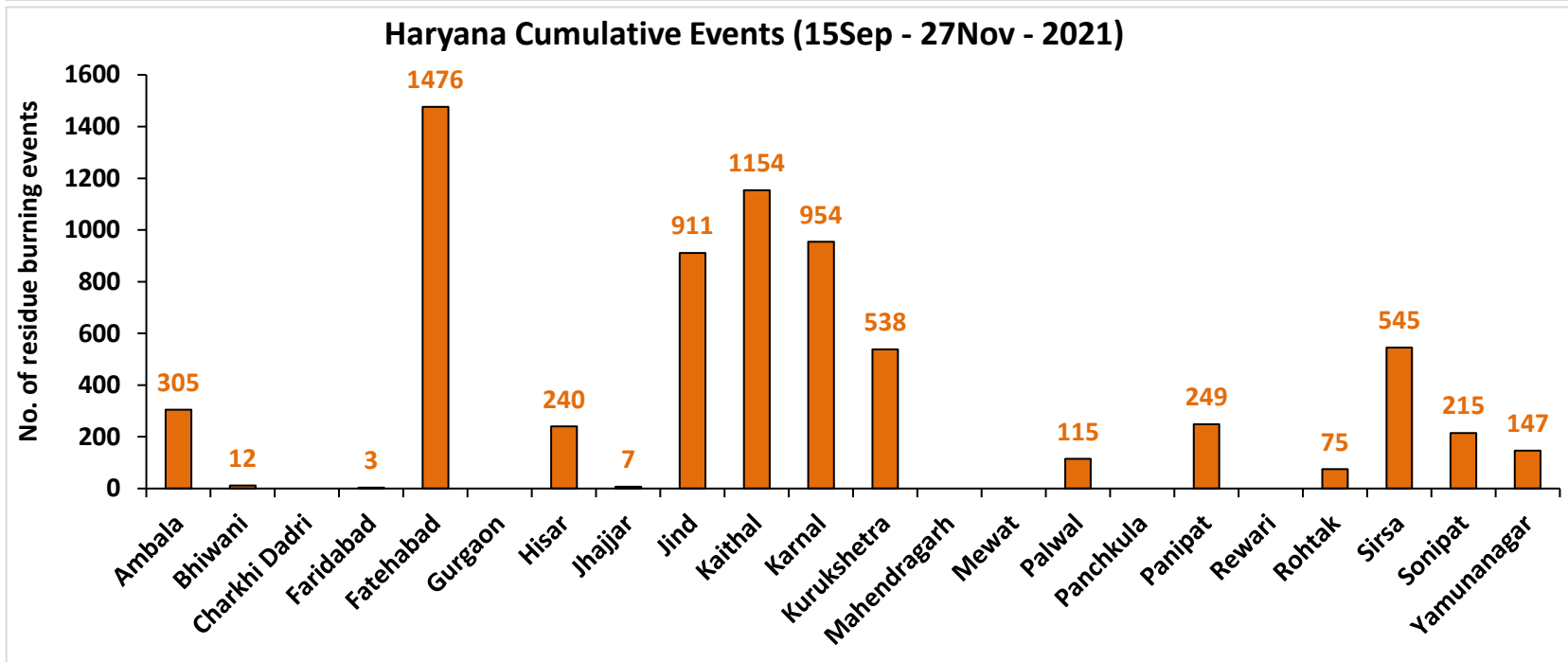
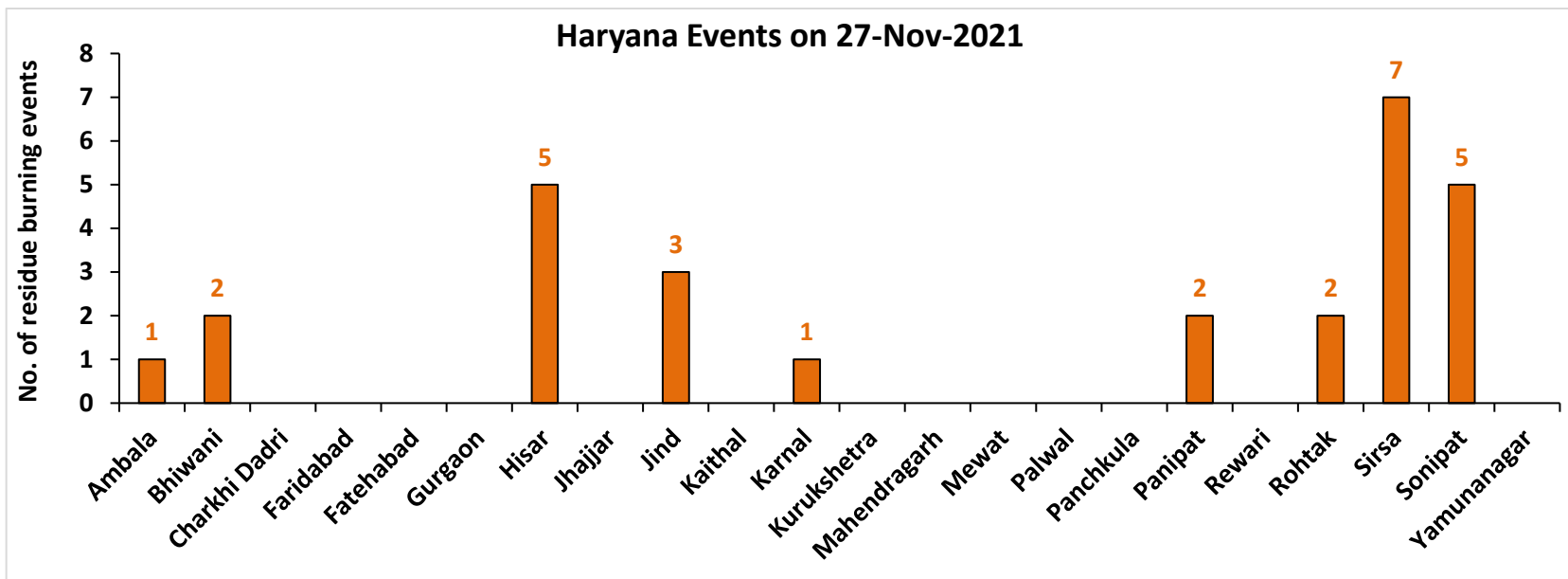
Fire Intensity (W/m²)

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



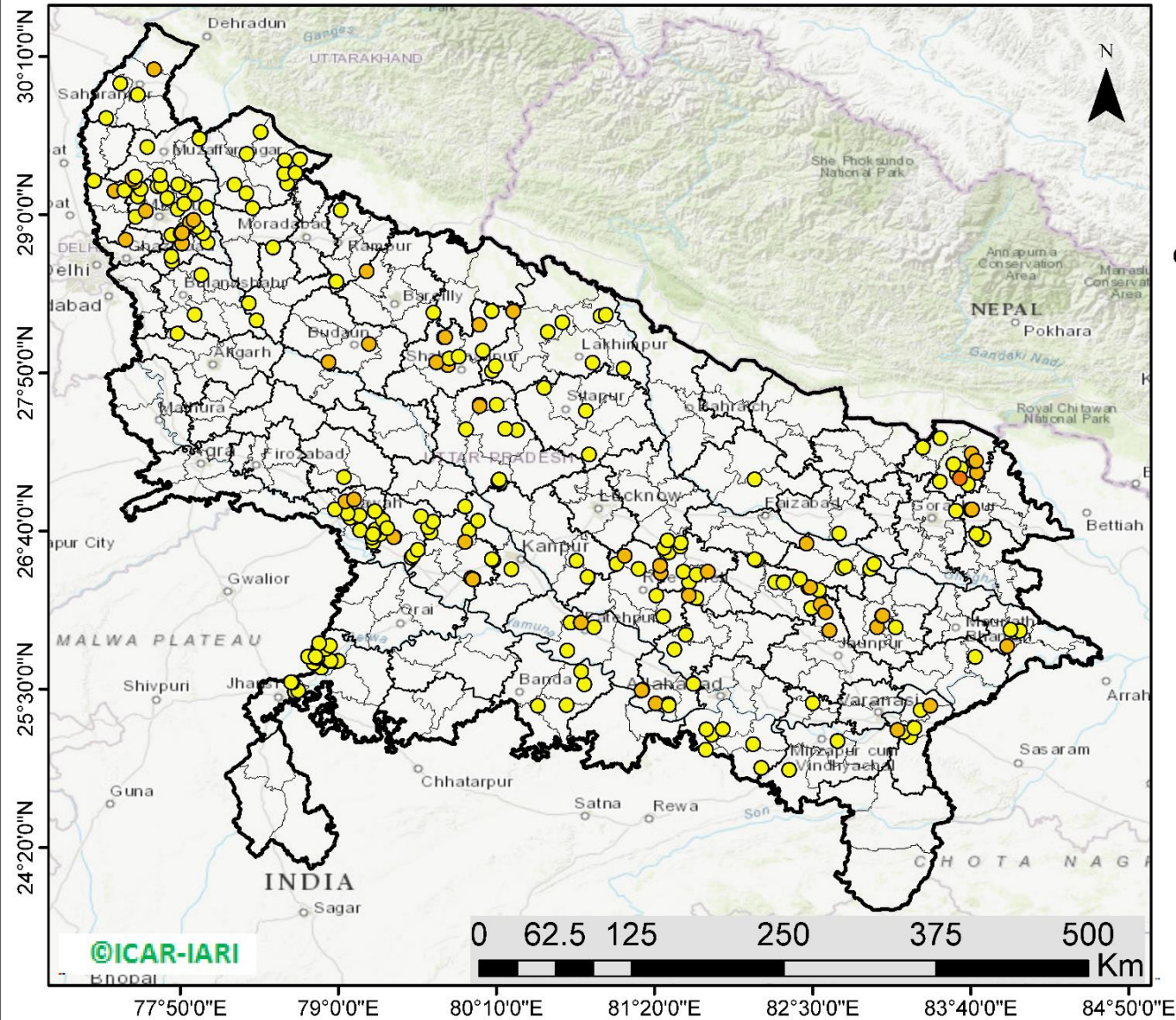
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Haryana (15 Sep - 27 Nov-2021)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



257 burning events detected in Uttar Pradesh on 27th November 2021

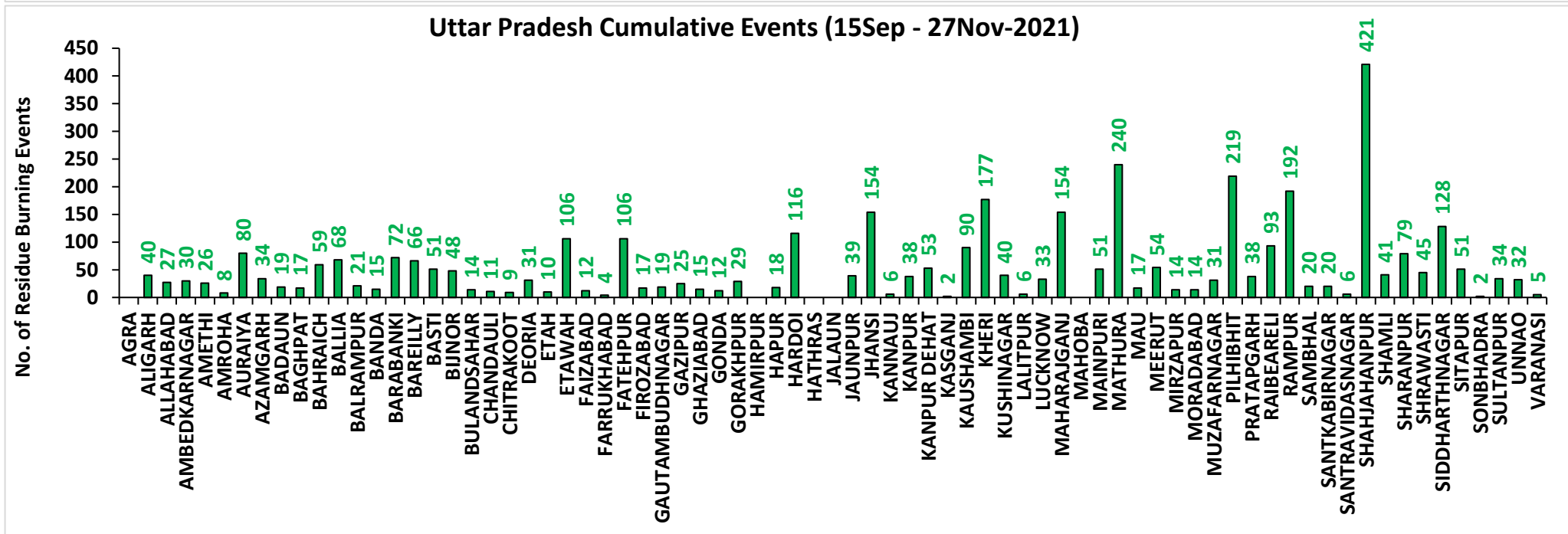
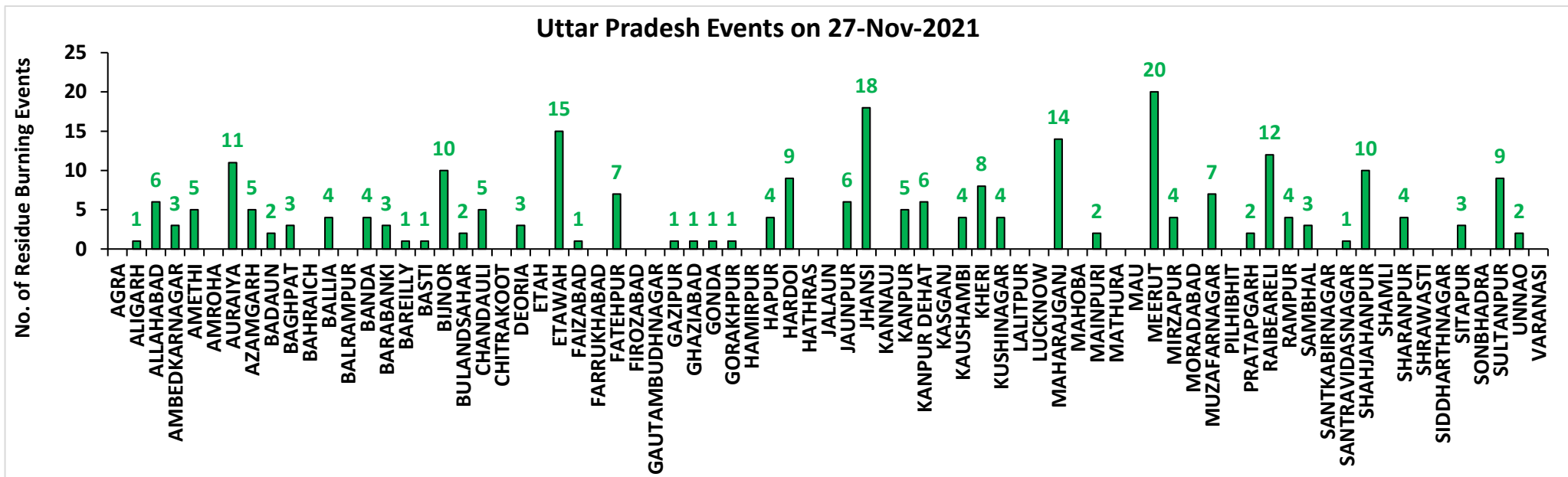
Fire Intensity (W/m²)

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



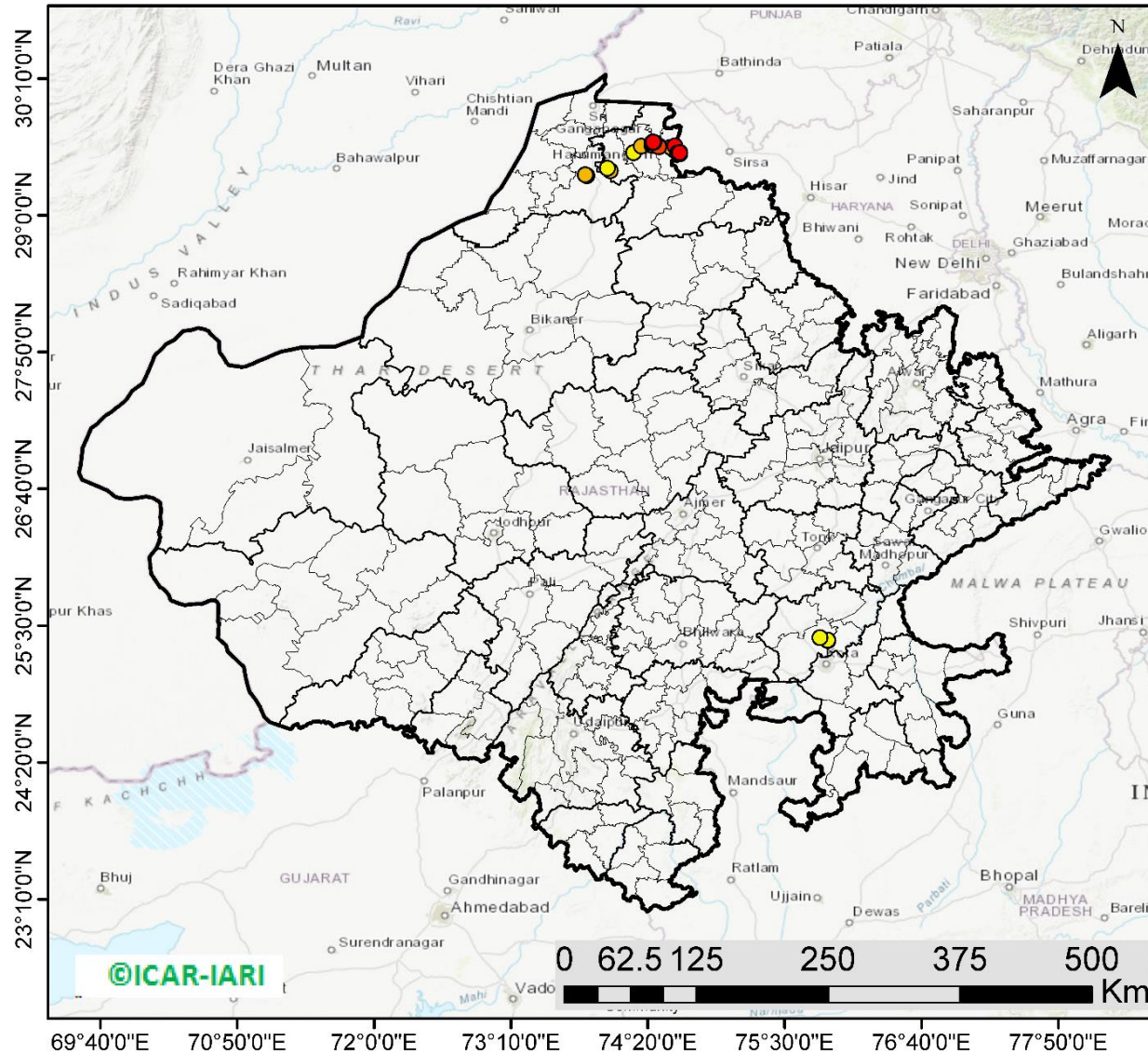
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Uttar Pradesh (15 Sep - 27 Nov-2021)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



33 burning events detected in Rajasthan on **27th November 2021**

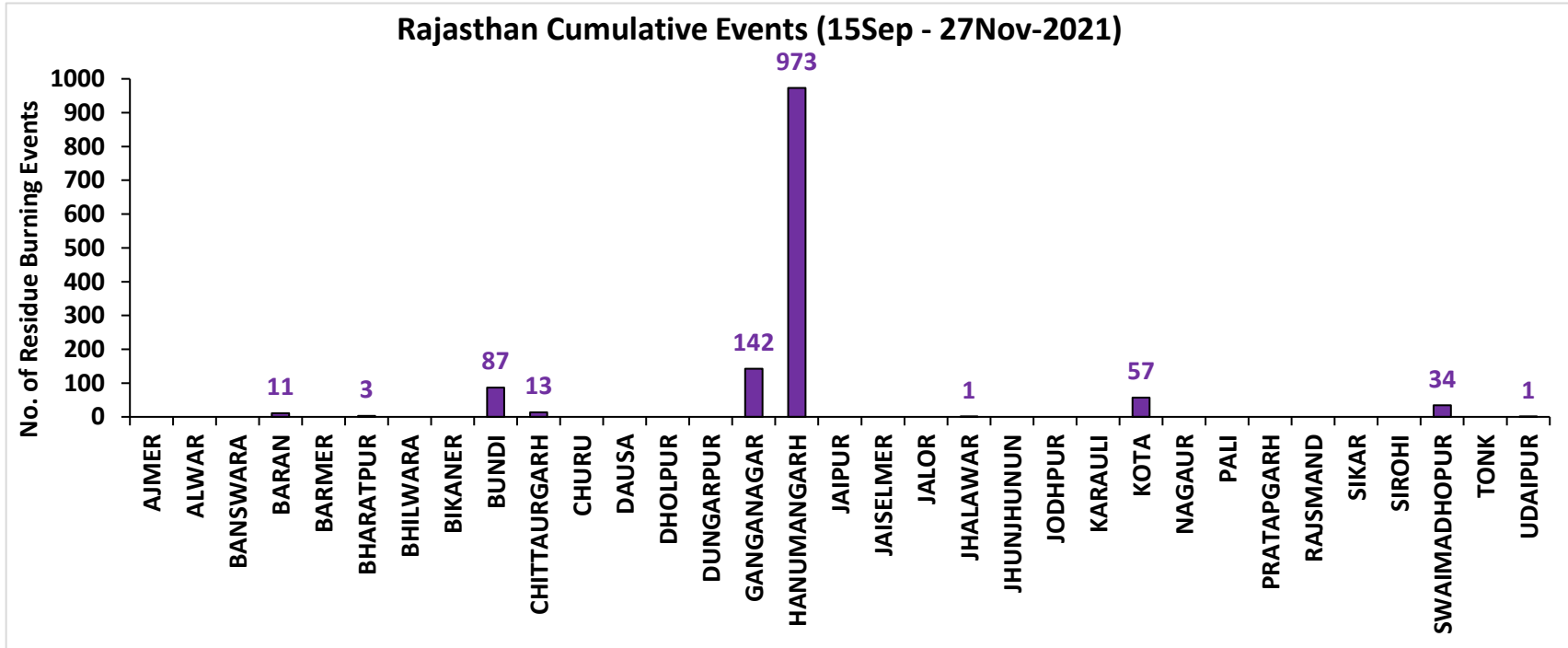
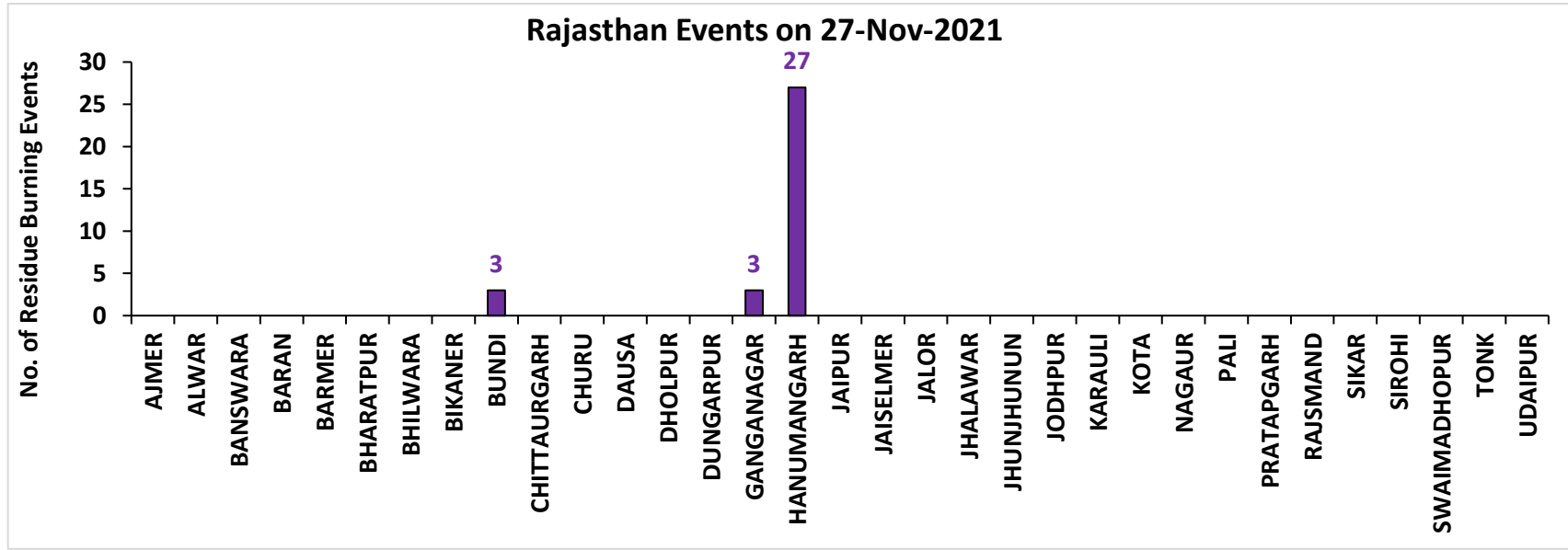
Fire Intensity (W/m²)

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



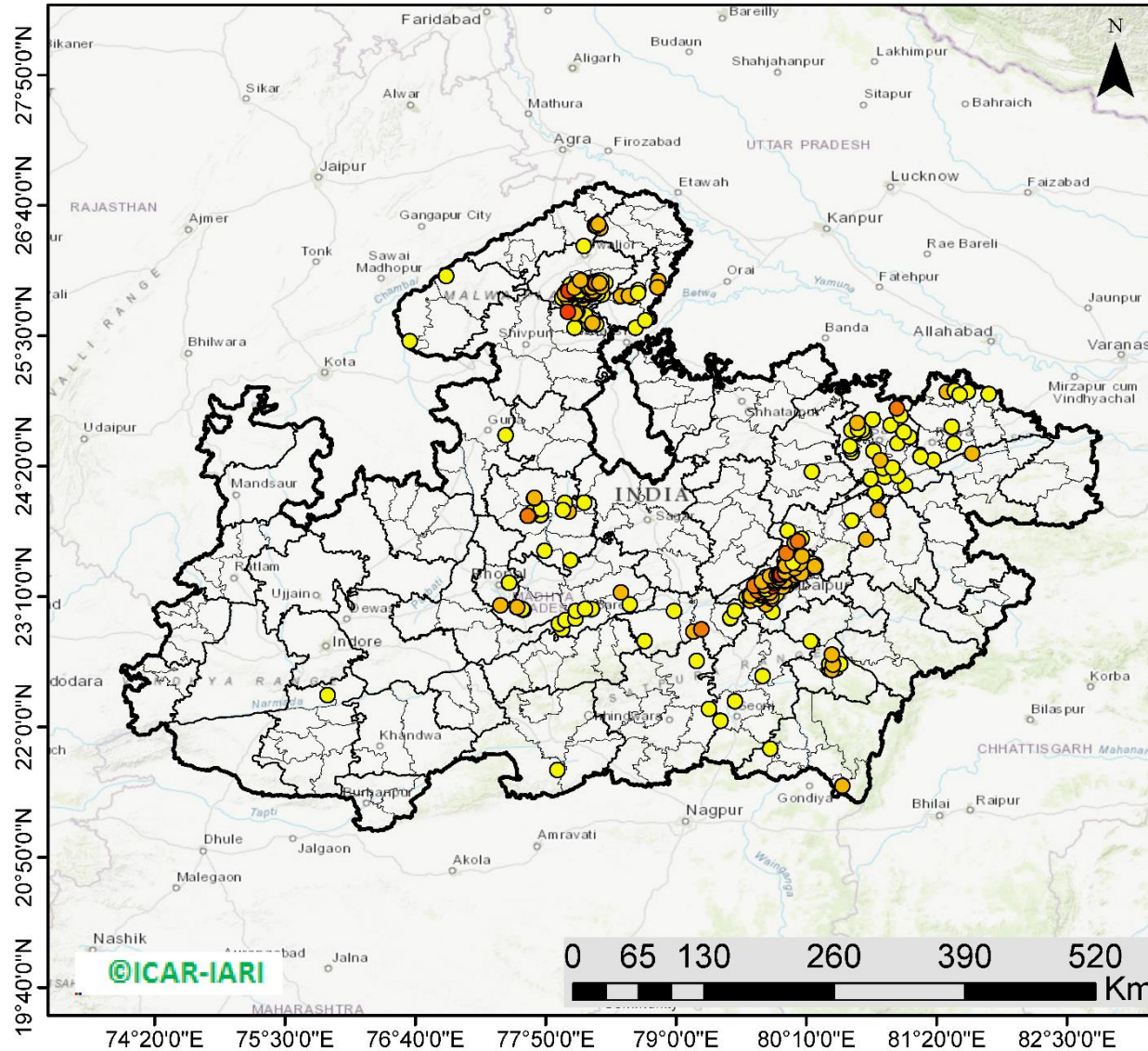
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Rajasthan (15 Sep - 27 Nov-2021)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



416 burning events detected in MP on 27th November 2021

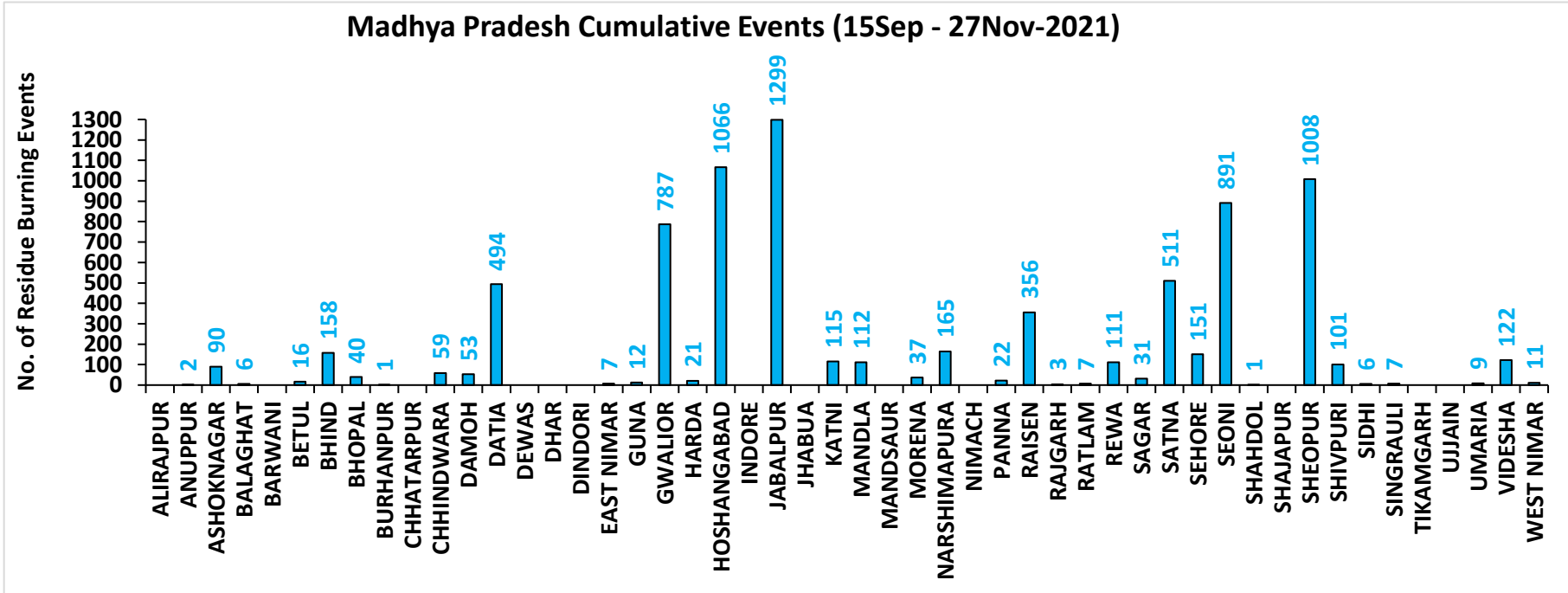
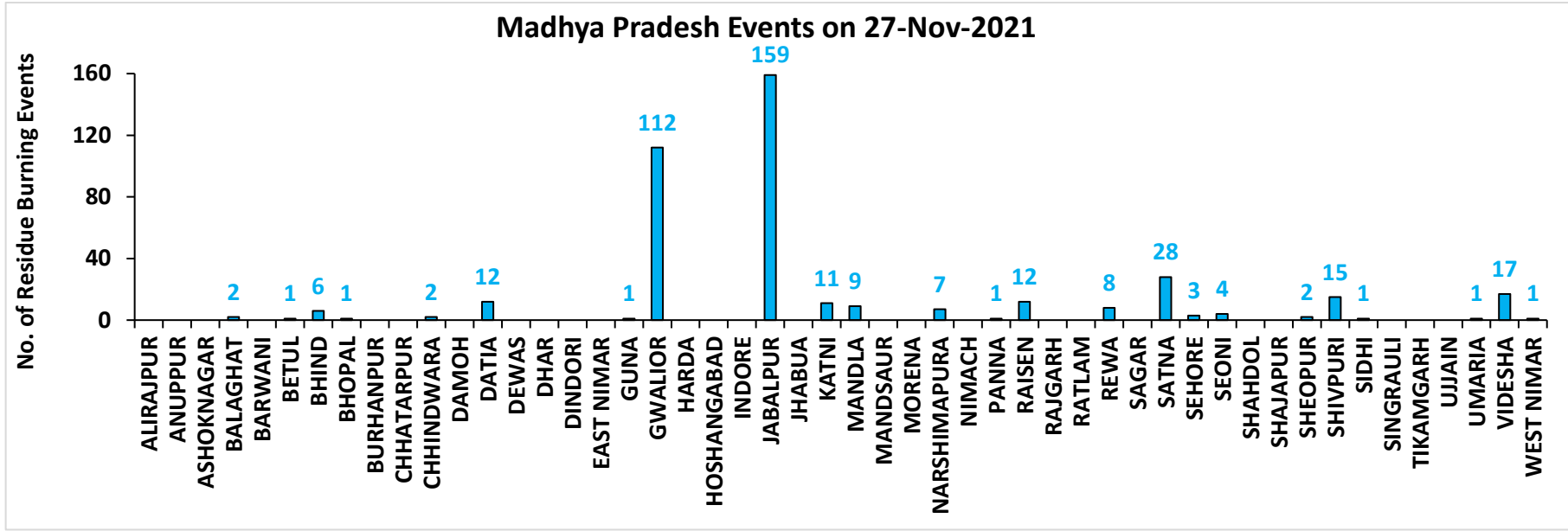
Fire Intensity (W/m²)

- 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 - 27 Nov-2021)



District-wise cumulative number of residues burning events detected in 2020 and 2021
(Period: 15 September - 27 November)

(a) Punjab

District	15 Sep – 27 Nov	
	2020	2021
AMRITSAR	3063	2174
BARNALA	5338	4326
BATHINDA	5229	4481
FARIDKOT	4732	3953
FATEHGARH SAHIB	1536	1722
FAZILKA	2578	2388
FIROZPUR	8516	6289
GURDASPUR	2129	1393
HOSHIARPUR	386	330
JALANDHAR	1945	2547
KAPURTHALA	1883	1797
LUDHIANA	5058	5814
MANSA	3780	3217
MOGA	7405	6515
MUKTSAR	5028	4594
PATHANKOT	13	6
PATIALA	6431	5425
RUPNAGAR	205	307
SANGRUR	11724	9389
SAS NAGAR (MOHALI)	127	147
SBS NAGAR	131	355
TARN TARAN	5605	4117
Total	82842	71286

(b) Haryana

District	15 Sep – 27 Nov	
	2020	2021
AMBALA	346	305
BHIWANI	4	12
CHARKHI DADRI	0	0
FARIDABAD	1	3
FATEHABAD	859	1476
GURGAON	0	0
HISAR	53	240
JHAJJAR	6	7
JIND	343	911
KAITHAL	839	1154
KARNAL	581	954
KURUKSHETRA	406	538
MAHENDRAGARH	0	0
MEWAT	0	0
PALWAL	46	115
PANCHKULA	0	0
PANIPAT	50	249
REWARI	0	0
ROHTAK	48	75
SIRSA	268	545
SONIPAT	71	215
YAMUNANAGAR	142	147
Total	4063	6946

(c) Uttar Pradesh

District	15 Sep – 27 Nov							
	2020	2021						
			GAUTAMBUDHNAGAR	15	19	MUZAFARNAGAR	51	31
AGRA	7	0	GAZIPUR	24	25	PILHIBHIT	23	219
ALIGARH	113	40	GHAZIABAD	26	15	PRATAPGARH	41	38
ALLAHABAD	39	27	GONDA	12	12	RAIBEARELI	41	93
AMBEDKARNAGAR	36	30	GORAKHPUR	46	29	RAMPUR	163	192
AMETHI	9	26	HAMIRPUR	6	0	SAMBHAL	19	20
AMROHA	12	8	HAPUR	32	18	SANTKABIRNAGAR	29	20
AURAIYA	91	80	HARDOI	102	116	SANTRAVIDASNAGAR	4	6
AZAMGARH	62	34	HATHRAS	0	0	SHAHJAHANPUR	144	421
BADAUN	14	19	JALAUN	43	0	SHAMLI	48	41
BAGHPAT	19	17	JAUNPUR	49	39	SHARANPUR	102	79
BAHRAICH	107	59	JHANSI	359	154	SHRAWASTI	47	45
BALLIA	143	68	KANNAUJ	33	6	SIDDHARTHANAGAR	76	128
BALRAMPUR	68	21	KANPUR	33	38	SITAPUR	73	51
BANDA	40	15	KANPUR DEHAT	87	53	SONBHADRA	0	2
BARABANKI	36	72	KASGANJ	3	2	SULTANPUR	9	34
BAREILLY	82	66	KAUSHAMBI	92	90	UNNAO	45	32
BASTI	58	51	KHERI	179	177	VARANASI	2	5
BIJNOR	42	48	KUSHINAGAR	80	40	Total	4060	3874
BULANDSAHAR	62	14	LALITPUR	3	6			
CHANDAULI	21	11	LUCKNOW	35	33			
CHITRAKOOT	12	9	MAHARAJGANJ	55	154			
DEORIA	83	31	MAHOBA	27	0			
ETAH	17	10	MAINPURI	63	51			
ETAWAH	75	106	MATHURA	160	240			
FAIZABAD	15	12	MAU	34	17			
FARRUKHABAD	7	4	MEERUT	81	54			
FATEHPUR	124	106	MIRZAPUR	11	14			
FIROZABAD	27	17	MORADABAD	32	14			

(d) Delhi

District	15 Sep – 27 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
Total	9	4

(e) Rajasthan

District	15 Sep – 27 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	87
CHITTAURGARH	2	13
CHURU	0	0
DAUSA	1	0
DHOLPUR	0	0
DUNGARPUR	0	0
GANGANAGAR	214	142
HANUMANGARH	897	973
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	4	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
Total	1682	1322

(f) Madhya Pradesh

District	15 Sep – 27 Nov				
	2020	2021			
			PANNA	50	22
ALIRAJPUR	0	0	RAISEN	603	356
ANUPPUR	3	2	RAJGARH	11	3
ASHOKNAGAR	156	90	RATLAM	10	7
BALAGHAT	8	6	REWA	136	111
BARWANI	4	0	SAGAR	28	31
BETUL	36	16	SATNA	570	511
BHIND	265	158	SEHORE	162	151
BHOPAL	52	40	SEONI	1231	891
BURHANPUR	16	1	SHAHDOL	3	1
CHHATARPUR	9	0	SHAJAPUR	20	0
CHHINDWARA	135	59	SHEOPUR	1859	1008
DAMOH	75	53	SHIVPURI	386	101
DATIA	1185	494	SIDHI	4	6
DEWAS	8	0	SINGRAULI	0	7
DHAR	47	0	TIKAMGARH	4	0
DINDORI	0	0	UJJAIN	14	0
EAST NIMAR	23	7	UMARIA	8	9
GUNA	69	12	VIDESHA	144	122
GWALIOR	2048	787	WEST NIMAR	68	11
HARDA	14	21	Total	13986	7888
HOSHANGABAD	1059	1066			
INDORE	4	0			
JABALPUR	2619	1299			
JHABUA	0	0			
KATNI	325	115			
MANDLA	147	112			
MANDSAUR	14	0			
MORENA	62	37			
NARSHIMAPURA	290	165			
NIMACH	2	0			

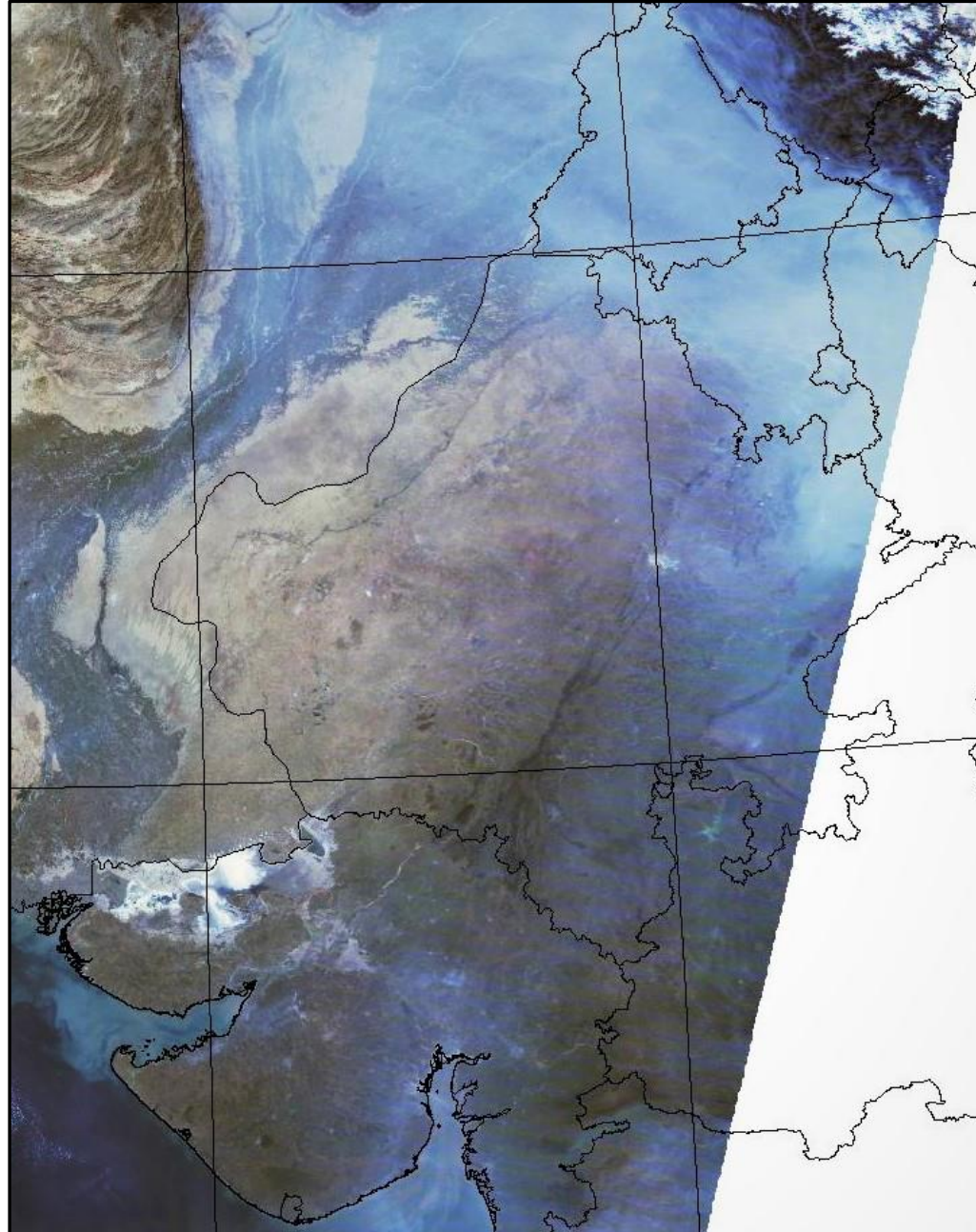
State-wise and date-wise number of paddy residue burning events detected in 2020 and 2021
(Period: 15 September – 27 November)

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

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

17-Nov	248	523	9	101	38	177	0	0	60	38	191	261
18-Nov	670	680	60	111	62	14	0	0	75	77	352	126
19-Nov	454	448	37	132	129	11	0	0	27	73	124	16
20-Nov	677	283	77	127	134	20	0	0	59	53	106	6
21-Nov	457	168	65	178	135	106	0	0	57	72	159	95
22-Nov	46	66	15	91	120	276	0	0	9	21	165	188
23-Nov	43	91	52	59	106	186	0	0	66	61	150	262
24-Nov	9	34	20	37	167	87	0	0	13	26	258	224
25-Nov	0	31	1	41	127	80	0	0	2	30	106	343
26-Nov	16	21	0	48	83	74	0	0	0	11	48	318
27-Nov	124	19	26	28	54	257	0	0	16	33	39	416
Total	82842	71286	4063	6946	4060	3874	9	4	1682	1322	13986	7888

TERRA (MODIS) Satellite image (TCC) of North and Central India Acquired on 27-Nov-2021 at 11:44:00 IST by IARI Ground Station



Details of residue burning events in Punjab on 27-Nov-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BATHINDA	RAMPURA	S-NPP	30.21210	75.35600	11/27/2021	13:17:29	D	3.50
2	FAZILKA	FAZILKA	S-NPP	30.38950	73.92120	11/27/2021	13:17:29	D	2.20
3	FAZILKA	JALALABAD	AQUA	30.53900	74.33900	11/27/2021	13:26:26	D	34.10
4	FAZILKA	JALALABAD	AQUA	30.54300	74.33100	11/27/2021	13:26:26	D	16.80
5	FIROZPUR	GURUHAR SAHAI	S-NPP	30.54630	74.33930	11/27/2021	13:17:29	D	3.00
6	FIROZPUR	GURUHAR SAHAI	S-NPP	30.54720	74.34430	11/27/2021	13:17:29	D	3.00
7	FIROZPUR	GURUHAR SAHAI	AQUA	30.54500	74.34700	11/27/2021	13:26:26	D	20.50
8	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.23170	75.22450	11/27/2021	13:17:29	D	2.90
9	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.34600	74.61820	11/27/2021	13:17:29	D	11.90
10	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.34690	74.62310	11/27/2021	13:17:29	D	11.90
11	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.33800	74.61800	11/27/2021	13:26:26	D	88.10
12	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.34800	74.61600	11/27/2021	13:26:26	D	6.80
13	MUKTSAR	MALOUT	S-NPP	30.37000	74.36150	11/27/2021	13:17:29	D	7.90
14	MUKTSAR	MALOUT	S-NPP	30.37370	74.36060	11/27/2021	13:17:29	D	12.10
15	MUKTSAR	MUKTSAR	S-NPP	30.40290	74.51940	11/27/2021	13:17:29	D	2.20
16	MUKTSAR	MUKTSAR	S-NPP	30.56480	74.45930	11/27/2021	13:17:29	D	18.90
17	MUKTSAR	MUKTSAR	S-NPP	30.62110	74.45580	11/27/2021	13:17:29	D	2.40
18	PATIALA	NABHA	S-NPP	30.50900	76.10990	11/27/2021	13:17:29	D	1.80
19	PATIALA	SAMANA	S-NPP	30.03870	76.15350	11/27/2021	13:17:29	D	2.90

Details of residue burning events in Haryana on 27-Nov-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	AMBALA	SAHA	S-NPP	30.23320	76.95380	11/27/2021	13:17:29	D	4.90
2	BHIWANI	BHIWANI	S-NPP	29.00490	76.19820	11/27/2021	13:17:29	D	2.20
3	BHIWANI	BHIWANI	S-NPP	29.00640	76.19890	11/27/2021	13:17:29	D	2.40
4	HISAR	HANSI-II	S-NPP	29.07090	76.19810	11/27/2021	13:17:29	D	2.30
5	HISAR	HANSI-II	S-NPP	29.12290	76.22360	11/27/2021	13:17:29	D	2.10
6	HISAR	HANSI-II	S-NPP	29.18950	76.23580	11/27/2021	13:17:29	D	7.00
7	HISAR	NARNAUND	S-NPP	29.14790	76.18190	11/27/2021	13:17:29	D	2.90
8	HISAR	NARNAUND	S-NPP	29.23950	76.12260	11/27/2021	13:17:29	D	4.10
9	JIND	JIND	S-NPP	29.25440	76.25020	11/27/2021	13:17:29	D	2.30
10	JIND	JIND	S-NPP	29.25520	76.25450	11/27/2021	13:17:29	D	2.70
11	JIND	PILLUKHERA	S-NPP	29.23120	76.56450	11/27/2021	13:17:29	D	3.90
12	KARNAL	NILOKHERI	S-NPP	29.79780	76.78420	11/27/2021	13:17:29	D	1.50
13	PANIPAT	MADLAUDA	S-NPP	29.30670	76.78350	11/27/2021	13:17:29	D	1.80
14	PANIPAT	MADLAUDA	AQUA	29.37000	76.89500	11/27/2021	13:26:26	D	8.70
15	ROHTAK	ROHTAK	S-NPP	28.78080	76.55800	11/27/2021	13:17:29	D	4.10
16	ROHTAK	ROHTAK	S-NPP	29.01980	76.60040	11/27/2021	13:17:29	D	4.20
17	SIRSA	DABWALI	S-NPP	29.90450	74.56640	11/27/2021	13:17:29	D	4.60
18	SIRSA	DABWALI	S-NPP	29.90700	74.56890	11/27/2021	13:17:29	D	5.70
19	SIRSA	RANIA	S-NPP	29.49860	74.85920	11/27/2021	13:17:29	D	2.70
20	SIRSA	RANIA	S-NPP	29.51160	74.80530	11/27/2021	13:17:29	D	4.10
21	SIRSA	RANIA	S-NPP	29.51470	74.80730	11/27/2021	13:17:29	D	11.30
22	SIRSA	RANIA	S-NPP	29.51520	74.80440	11/27/2021	13:17:29	D	4.10
23	SIRSA	SIRSA	AQUA	29.52200	75.12800	11/27/2021	13:26:26	D	10.40
24	SONIPAT	KATHURA	S-NPP	29.20430	76.53080	11/27/2021	13:17:29	D	2.10
25	SONIPAT	KATHURA	S-NPP	29.20800	76.49030	11/27/2021	13:17:29	D	2.20
26	SONIPAT	MUNDLANA	S-NPP	29.19380	76.65590	11/27/2021	13:17:29	D	3.40
27	SONIPAT	SONIPAT	S-NPP	29.06660	76.92050	11/27/2021	13:17:29	D	3.00
28	SONIPAT	SONIPAT	S-NPP	29.07370	76.83700	11/27/2021	13:17:29	D	2.30

Details of residue burning events in Uttar Pradesh on 27-Nov-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	ALIGARH	GABHANA	S-NPP	28.12310	77.81220	11/27/2021	13:17:29	D	3.20
2	ALLAHABAD	BARA	S-NPP	25.05330	81.71190	11/27/2021	13:17:29	D	2.40
3	ALLAHABAD	BARA	S-NPP	25.16400	81.75540	11/27/2021	13:17:29	D	1.90
4	ALLAHABAD	BARA	S-NPP	25.20380	81.71580	11/27/2021	02:07:29	N	0.90
5	ALLAHABAD	KARCHHANA	S-NPP	25.20520	81.83610	11/27/2021	02:07:29	N	0.90
6	ALLAHABAD	KORAWN	S-NPP	24.91910	82.12210	11/27/2021	13:17:29	D	3.00
7	ALLAHABAD	MEZA	S-NPP	25.09490	82.06130	11/27/2021	13:17:29	D	3.90
8	AMBEDKARNAGAR	ALAPUR	S-NPP	26.42440	82.95280	11/27/2021	13:17:29	D	4.30
9	AMBEDKARNAGAR	JALALPUR	S-NPP	26.39360	82.71710	11/27/2021	13:17:29	D	2.70
10	AMBEDKARNAGAR	JALALPUR	S-NPP	26.40420	82.74290	11/27/2021	13:17:29	D	3.20
11	AMETHI	GAURIGANJ	S-NPP	26.17920	81.62260	11/27/2021	13:17:29	D	3.00
12	AMETHI	GAURIGANJ	S-NPP	26.28910	81.58830	11/27/2021	13:17:29	D	2.10
13	AMETHI	GAURIGANJ	AQUA	26.17200	81.64300	11/27/2021	13:26:26	D	5.00
14	AMETHI	GAURIGANJ	AQUA	26.34600	81.64400	11/27/2021	13:26:26	D	4.60
15	AMETHI	GAURIGANJ	AQUA	26.36700	81.72600	11/27/2021	13:26:26	D	6.40
16	AURAIYA	AURAIYA	S-NPP	26.46930	79.53860	11/27/2021	13:17:29	D	1.40
17	AURAIYA	AURAIYA	S-NPP	26.48490	79.55150	11/27/2021	13:17:29	D	1.80
18	AURAIYA	AURAIYA	S-NPP	26.52740	79.58710	11/27/2021	13:17:29	D	2.20
19	AURAIYA	AURAIYA	S-NPP	26.58500	79.25590	11/27/2021	13:17:29	D	2.00
20	AURAIYA	AURAIYA	S-NPP	26.62290	79.41490	11/27/2021	13:17:29	D	3.00
21	AURAIYA	AURAIYA	AQUA	26.62100	79.41000	11/27/2021	13:26:26	D	5.10
22	AURAIYA	BIDHUNA	S-NPP	26.65650	79.68140	11/27/2021	13:17:29	D	3.70
23	AURAIYA	BIDHUNA	S-NPP	26.68910	79.35890	11/27/2021	13:17:29	D	2.50
24	AURAIYA	BIDHUNA	S-NPP	26.69440	79.66250	11/27/2021	13:17:29	D	2.80
25	AURAIYA	BIDHUNA	S-NPP	26.77450	79.61000	11/27/2021	02:07:29	N	0.50
26	AURAIYA	BIDHUNA	AQUA	26.68700	79.36100	11/27/2021	13:26:26	D	4.30
27	AZAMGARH	AZAMGARH	S-NPP	25.95620	83.11420	11/27/2021	13:17:29	D	2.60
28	AZAMGARH	BURHANPUR	S-NPP	26.38790	82.92580	11/27/2021	13:17:29	D	4.20
29	AZAMGARH	NIZAMABAD	AQUA	25.95700	82.97700	11/27/2021	13:26:26	D	5.80

30	AZAMGARH	NIZAMABAD	AQUA	26.04000	83.01200	11/27/2021	13:26:26	D	5.00
31	AZAMGARH	NIZAMABAD	AQUA	26.04300	83.01700	11/27/2021	13:26:26	D	7.50
32	BADAUN	BADAUN	S-NPP	28.04650	79.22620	11/27/2021	13:17:29	D	5.40
33	BADAUN	BADAUN	AQUA	27.91300	78.92800	11/27/2021	13:26:26	D	6.60
34	BAGHPAT	BARAUT	S-NPP	29.17530	77.34770	11/27/2021	13:17:29	D	5.40
35	BAGHPAT	BARAUT	S-NPP	29.18040	77.42210	11/27/2021	13:17:29	D	2.90
36	BAGHPAT	BARAUT	S-NPP	29.24920	77.19760	11/27/2021	13:17:29	D	2.00
37	BALLIA	RASRA	S-NPP	25.81690	83.93560	11/27/2021	13:17:29	D	9.50
38	BALLIA	RASRA	S-NPP	25.93840	83.96040	11/27/2021	13:17:29	D	2.50
39	BALLIA	SIKANDARPUR	S-NPP	25.92320	83.99340	11/27/2021	13:17:29	D	2.50
40	BALLIA	SIKANDARPUR	S-NPP	25.93120	84.02830	11/27/2021	13:17:29	D	2.90
41	BANDA	ATARRA	S-NPP	25.37810	80.47280	11/27/2021	13:17:29	D	3.10
42	BANDA	ATARRA	S-NPP	25.38190	80.68490	11/27/2021	13:17:29	D	1.50
43	BANDA	BABERU	S-NPP	25.53610	80.81620	11/27/2021	13:17:29	D	2.30
44	BANDA	BABERU	S-NPP	25.63060	80.79250	11/27/2021	13:17:29	D	2.20
45	BARABANKI	H Aidargarh	S-NPP	26.55160	81.52370	11/27/2021	13:17:29	D	2.20
46	BARABANKI	H Aidargarh	S-NPP	26.58000	81.52780	11/27/2021	13:17:29	D	3.10
47	BARABANKI	H Aidargarh	S-NPP	26.59780	81.42840	11/27/2021	13:17:29	D	4.10
48	BAREILLY	FARIDPUR	AQUA	28.27700	79.70200	11/27/2021	13:26:26	D	4.50
49	BASTI	BASTI	S-NPP	26.64750	82.69460	11/27/2021	13:17:29	D	2.40
50	BIJNOR	AFZALGARH	S-NPP	29.30770	78.68470	11/27/2021	13:17:29	D	4.70
51	BIJNOR	AFZALGARH	S-NPP	29.40070	78.60550	11/27/2021	13:17:29	D	1.70
52	BIJNOR	AFZALGARH	S-NPP	29.40790	78.71760	11/27/2021	13:17:29	D	3.50
53	BIJNOR	CHANDPUR	S-NPP	29.04850	78.36630	11/27/2021	13:17:29	D	2.10
54	BIJNOR	CHANDPUR	S-NPP	29.15690	78.32090	11/27/2021	13:17:29	D	4.40
55	BIJNOR	CHANDPUR	S-NPP	29.22180	78.23440	11/27/2021	13:17:29	D	3.50
56	BIJNOR	DHAMPUR	S-NPP	29.23080	78.62280	11/27/2021	13:17:29	D	2.20
57	BIJNOR	DHAMPUR	S-NPP	29.30160	78.60070	11/27/2021	13:17:29	D	3.60
58	BIJNOR	NAGINA	S-NPP	29.44910	78.32330	11/27/2021	13:17:29	D	2.30
59	BIJNOR	NAJIBABAD	S-NPP	29.61030	78.42630	11/27/2021	13:17:29	D	2.20
60	BULANSAHAR	KHURJA	S-NPP	28.26280	77.94040	11/27/2021	13:17:29	D	1.70
61	BULANSAHAR	SIYANA	S-NPP	28.55470	77.98860	11/27/2021	13:17:29	D	1.90
62	CHANDAULI	CHAKIA	S-NPP	25.14600	83.21890	11/27/2021	13:17:29	D	2.40

63	CHANDAULI	CHANDAULI	S-NPP	25.21360	83.25130	11/27/2021	13:17:29	D	2.70
64	CHANDAULI	CHANDAULI	S-NPP	25.37690	83.36800	11/27/2021	13:17:29	D	6.00
65	CHANDAULI	CHANDAULI	AQUA	25.19900	83.12700	11/27/2021	13:26:26	D	7.60
66	CHANDAULI	SHAKALDIHA	S-NPP	25.34570	83.29760	11/27/2021	13:17:29	D	2.70
67	DEORIA	DEORIA	S-NPP	26.60600	83.74800	11/27/2021	13:17:29	D	3.10
68	DEORIA	DEORIA	S-NPP	26.61540	83.76190	11/27/2021	13:17:29	D	3.10
69	DEORIA	DEORIA	S-NPP	26.64380	83.70890	11/27/2021	13:17:29	D	2.60
70	ETAWAH	BHARTHNA	S-NPP	26.61800	79.24970	11/27/2021	13:17:29	D	1.30
71	ETAWAH	BHARTHNA	S-NPP	26.64460	79.31200	11/27/2021	13:17:29	D	2.10
72	ETAWAH	BHARTHNA	S-NPP	26.64620	79.25620	11/27/2021	13:17:29	D	2.40
73	ETAWAH	BHARTHNA	S-NPP	26.65070	79.26330	11/27/2021	13:17:29	D	3.40
74	ETAWAH	BHARTHNA	S-NPP	26.67200	79.16020	11/27/2021	13:17:29	D	2.60
75	ETAWAH	BHARTHNA	S-NPP	26.67620	79.27430	11/27/2021	13:17:29	D	2.50
76	ETAWAH	BHARTHNA	S-NPP	26.74540	79.32850	11/27/2021	13:17:29	D	4.40
77	ETAWAH	BHARTHNA	S-NPP	26.78270	79.15480	11/27/2021	13:17:29	D	2.40
78	ETAWAH	BHARTHNA	AQUA	26.64300	79.25600	11/27/2021	13:26:26	D	4.00
79	ETAWAH	BHARTHNA	AQUA	26.81200	79.26900	11/27/2021	13:26:26	D	4.40
80	ETAWAH	ETAWAH	S-NPP	26.76530	79.08670	11/27/2021	13:17:29	D	2.30
81	ETAWAH	ETAWAH	S-NPP	26.79660	79.06880	11/27/2021	13:17:29	D	1.60
82	ETAWAH	ETAWAH	S-NPP	26.88560	79.05260	11/27/2021	13:17:29	D	5.50
83	ETAWAH	ETAWAH	AQUA	26.90000	79.11600	11/27/2021	13:26:26	D	7.10
84	ETAWAH	JASWANTNAGAR	S-NPP	26.82640	78.97570	11/27/2021	13:17:29	D	2.50
85	FAIZABAD	FAIZSBAD	S-NPP	26.57410	82.45540	11/27/2021	13:17:29	D	5.50
86	FATEHPUR	FATEHPUR	S-NPP	25.78510	80.68970	11/27/2021	13:17:29	D	2.50
87	FATEHPUR	FATEHPUR	S-NPP	25.95790	80.88690	11/27/2021	13:17:29	D	4.30
88	FATEHPUR	FATEHPUR	S-NPP	25.99110	80.71300	11/27/2021	13:17:29	D	3.60
89	FATEHPUR	FATEHPUR	S-NPP	25.99180	80.78890	11/27/2021	13:17:29	D	4.70
90	FATEHPUR	FATEHPUR	AQUA	25.99000	80.79100	11/27/2021	13:26:26	D	5.80
91	FATEHPUR	KHAGA	S-NPP	25.49620	81.24370	11/27/2021	13:17:29	D	5.30
92	FATEHPUR	KHAGA	AQUA	25.49200	81.24000	11/27/2021	13:26:26	D	9.50
93	GAZIPUR	MUHAMMADBAD	S-NPP	25.73740	83.69980	11/27/2021	13:17:29	D	2.60
94	GHAZIABAD	MODINAGAR	S-NPP	28.81450	77.43050	11/27/2021	13:17:29	D	9.70
95	GONDA	GONDA	S-NPP	27.04710	82.07190	11/27/2021	13:17:29	D	2.20

96	GORAKHPUR	GORAKHPUR	S-NPP	26.81600	83.55810	11/27/2021	13:17:29	D	4.80
97	HAPUR	GARHMUKTESAR	S-NPP	28.79620	78.03400	11/27/2021	13:17:29	D	1.60
98	HAPUR	HAPUR	S-NPP	28.65660	77.77470	11/27/2021	13:17:29	D	3.50
99	HAPUR	HAPUR	S-NPP	28.69320	77.76710	11/27/2021	13:17:29	D	2.60
100	HAPUR	HAPUR	S-NPP	28.78690	77.84700	11/27/2021	13:17:29	D	8.50
101	HARDOI	BILGRAM	S-NPP	27.02380	80.19420	11/27/2021	13:17:29	D	3.20
102	HARDOI	BILGRAM	S-NPP	27.03480	80.18100	11/27/2021	13:17:29	D	2.80
103	HARDOI	BILGRAM	S-NPP	27.04590	80.18700	11/27/2021	13:17:29	D	2.60
104	HARDOI	HARDOI	S-NPP	27.41110	80.31930	11/27/2021	02:07:29	N	1.00
105	HARDOI	HARDOI	S-NPP	27.42080	80.23130	11/27/2021	13:17:29	D	2.20
106	HARDOI	HARDOI	AQUA	27.41800	79.94200	11/27/2021	13:26:26	D	5.00
107	HARDOI	SHAHABAD	S-NPP	27.59710	80.16790	11/27/2021	13:17:29	D	3.80
108	HARDOI	SHAHABAD	S-NPP	27.59940	80.04270	11/27/2021	13:17:29	D	2.50
109	HARDOI	SHAHABAD	AQUA	27.58900	80.04200	11/27/2021	13:26:26	D	6.80
110	JAUNPUR	SHHGANJ	S-NPP	26.07180	82.59420	11/27/2021	13:17:29	D	7.40
111	JAUNPUR	SHHGANJ	S-NPP	26.07190	82.59320	11/27/2021	13:17:29	D	6.50
112	JAUNPUR	SHHGANJ	S-NPP	26.09800	82.49180	11/27/2021	13:17:29	D	3.50
113	JAUNPUR	SHHGANJ	S-NPP	26.12480	82.55890	11/27/2021	13:17:29	D	6.10
114	JAUNPUR	SHHGANJ	AQUA	25.93200	82.62400	11/27/2021	13:26:26	D	5.10
115	JAUNPUR	SHHGANJ	AQUA	26.06800	82.59600	11/27/2021	13:26:26	D	5.90
116	JHANSI	JHANSI	S-NPP	25.48230	78.67980	11/27/2021	13:17:29	D	2.70
117	JHANSI	JHANSI	S-NPP	25.48930	78.70250	11/27/2021	13:17:29	D	2.40
118	JHANSI	JHANSI	S-NPP	25.55050	78.66270	11/27/2021	13:17:29	D	3.30
119	JHANSI	JHANSI	S-NPP	25.55200	78.65040	11/27/2021	13:17:29	D	1.50
120	JHANSI	MOTH	S-NPP	25.65800	78.87330	11/27/2021	13:17:29	D	2.40
121	JHANSI	MOTH	S-NPP	25.69380	78.81860	11/27/2021	13:17:29	D	2.40
122	JHANSI	MOTH	S-NPP	25.70580	78.95940	11/27/2021	13:17:29	D	2.20
123	JHANSI	MOTH	S-NPP	25.70760	78.92730	11/27/2021	13:17:29	D	1.40
124	JHANSI	MOTH	S-NPP	25.70850	78.99850	11/27/2021	13:17:29	D	4.00
125	JHANSI	MOTH	S-NPP	25.71000	78.94270	11/27/2021	13:17:29	D	2.70
126	JHANSI	MOTH	S-NPP	25.72920	78.84770	11/27/2021	13:17:29	D	2.80
127	JHANSI	MOTH	S-NPP	25.73250	78.84700	11/27/2021	13:17:29	D	2.80
128	JHANSI	MOTH	S-NPP	25.73340	78.83090	11/27/2021	13:17:29	D	4.20

129	JHANSI	MOTH	S-NPP	25.74120	78.77770	11/27/2021	13:17:29	D	2.70
130	JHANSI	MOTH	S-NPP	25.79580	78.90650	11/27/2021	13:17:29	D	4.50
131	JHANSI	MOTH	S-NPP	25.82120	78.93740	11/27/2021	13:17:29	D	3.00
132	JHANSI	MOTH	S-NPP	25.83950	78.85830	11/27/2021	13:17:29	D	2.40
133	JHANSI	MOTH	AQUA	25.73900	78.83200	11/27/2021	13:26:26	D	3.40
134	KANPUR	BILHAUR	S-NPP	26.74250	80.03020	11/27/2021	13:17:29	D	2.40
135	KANPUR	BILHAUR	S-NPP	26.84710	79.93560	11/27/2021	13:17:29	D	2.50
136	KANPUR	KANPUR NAGAR	S-NPP	26.38370	80.27740	11/27/2021	13:17:29	D	1.40
137	KANPUR	KANPUR NAGAR	AQUA	26.45100	80.14500	11/27/2021	13:26:26	D	4.30
138	KANPUR	KANPUR NAGAR	AQUA	26.45900	80.13300	11/27/2021	13:26:26	D	4.80
139	KANPUR DEHAT	AKBARPUR	S-NPP	26.31160	79.99740	11/27/2021	13:17:29	D	2.70
140	KANPUR DEHAT	AKBARPUR	S-NPP	26.31930	79.98020	11/27/2021	13:17:29	D	4.30
141	KANPUR DEHAT	AKBARPUR	AQUA	26.31000	79.99300	11/27/2021	13:26:26	D	7.00
142	KANPUR DEHAT	RASULABAD	S-NPP	26.67230	79.96380	11/27/2021	13:17:29	D	1.90
143	KANPUR DEHAT	RASULABAD	S-NPP	26.73710	79.69810	11/27/2021	13:17:29	D	2.20
144	KANPUR DEHAT	RASULABAD	AQUA	26.58700	79.93500	11/27/2021	13:26:26	D	5.20
145	KAUSHAMBI	CHAIL	S-NPP	25.53860	81.61990	11/27/2021	13:17:29	D	1.50
146	KAUSHAMBI	MANJHANPUR	S-NPP	25.39100	81.43570	11/27/2021	13:17:29	D	4.50
147	KAUSHAMBI	MANJHANPUR	S-NPP	25.39510	81.34170	11/27/2021	13:17:29	D	8.70
148	KAUSHAMBI	MANJHANPUR	AQUA	25.38100	81.43800	11/27/2021	13:26:26	D	4.40
149	KHERI	DHAURAHRA	S-NPP	27.86530	81.10450	11/27/2021	13:17:29	D	1.60
150	KHERI	GOLA	S-NPP	28.13490	80.54540	11/27/2021	13:17:29	D	2.10
151	KHERI	GOLA	S-NPP	28.20660	80.65320	11/27/2021	13:17:29	D	2.00
152	KHERI	LAKHIMPUR	AQUA	27.90700	80.87600	11/27/2021	13:26:26	D	4.70
153	KHERI	MOHMADI	S-NPP	27.84750	80.13550	11/27/2021	02:07:29	N	0.50
154	KHERI	MOHMADI	S-NPP	27.88400	80.16040	11/27/2021	13:17:29	D	1.60
155	KHERI	NIGHASAN	S-NPP	28.25250	80.93400	11/27/2021	13:17:29	D	2.00
156	KHERI	NIGHASAN	S-NPP	28.26160	80.97470	11/27/2021	13:17:29	D	2.50
157	KUSHINAGAR	HATA	S-NPP	26.82280	83.67370	11/27/2021	13:17:29	D	1.40
158	KUSHINAGAR	HATA	S-NPP	26.82650	83.67320	11/27/2021	13:17:29	D	3.90
159	KUSHINAGAR	HATA	AQUA	26.82300	83.66500	11/27/2021	13:26:26	D	8.80
160	KUSHINAGAR	HATA	AQUA	26.82500	83.67700	11/27/2021	13:26:26	D	9.00
161	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.01110	83.64560	11/27/2021	13:17:29	D	3.70

162	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.03120	83.43980	11/27/2021	13:17:29	D	1.20
163	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.08980	83.56470	11/27/2021	13:17:29	D	2.50
164	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.12780	83.59470	11/27/2021	13:17:29	D	1.80
165	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.15890	83.53900	11/27/2021	13:17:29	D	2.90
166	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.15990	83.54080	11/27/2021	13:17:29	D	3.00
167	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.05600	83.58600	11/27/2021	13:26:26	D	12.90
168	MAHARAJGANJ	NAUTANWA	S-NPP	27.35050	83.44300	11/27/2021	13:17:29	D	4.30
169	MAHARAJGANJ	NICHLAUL	S-NPP	27.09620	83.71260	11/27/2021	13:17:29	D	5.40
170	MAHARAJGANJ	NICHLAUL	S-NPP	27.18110	83.68660	11/27/2021	13:17:29	D	5.00
171	MAHARAJGANJ	NICHLAUL	S-NPP	27.18160	83.68950	11/27/2021	13:17:29	D	5.40
172	MAHARAJGANJ	NICHLAUL	S-NPP	27.23690	83.67300	11/27/2021	13:17:29	D	5.70
173	MAHARAJGANJ	NICHLAUL	AQUA	27.18300	83.70600	11/27/2021	13:26:26	D	6.10
174	MAHARAJGANJ	PHARENDA	S-NPP	27.28150	83.31280	11/27/2021	13:17:29	D	4.10
175	MAINPURI	KARHAL	S-NPP	27.06360	79.04210	11/27/2021	13:17:29	D	2.10
176	MAINPURI	KARHAL	AQUA	27.06400	79.04100	11/27/2021	13:26:26	D	3.90
177	MEERUT	MAWANA	S-NPP	28.86330	78.00390	11/27/2021	13:17:29	D	3.70
178	MEERUT	MAWANA	S-NPP	28.88670	77.85550	11/27/2021	13:17:29	D	3.20
179	MEERUT	MAWANA	S-NPP	28.91050	77.96160	11/27/2021	13:17:29	D	2.00
180	MEERUT	MAWANA	S-NPP	28.94280	77.90570	11/27/2021	13:17:29	D	5.40
181	MEERUT	MAWANA	S-NPP	29.05320	78.02680	11/27/2021	13:17:29	D	2.00
182	MEERUT	MAWANA	S-NPP	29.08090	77.86190	11/27/2021	13:17:29	D	2.30
183	MEERUT	MAWANA	S-NPP	29.15190	77.94180	11/27/2021	13:17:29	D	3.60
184	MEERUT	MAWANA	S-NPP	29.19960	77.86220	11/27/2021	13:17:29	D	2.30
185	MEERUT	MAWANA	AQUA	28.96200	77.93200	11/27/2021	13:26:26	D	5.50
186	MEERUT	MEERUT	S-NPP	28.84870	77.76850	11/27/2021	13:17:29	D	1.90
187	MEERUT	MEERUT	S-NPP	28.98340	77.50410	11/27/2021	13:17:29	D	1.00
188	MEERUT	MEERUT	S-NPP	29.04030	77.81580	11/27/2021	13:17:29	D	1.60
189	MEERUT	MEERUT	AQUA	28.86300	77.83700	11/27/2021	13:26:26	D	5.00
190	MEERUT	MEERUT	AQUA	28.86500	77.84800	11/27/2021	13:26:26	D	5.50
191	MEERUT	MEERUT	AQUA	29.02600	77.57900	11/27/2021	13:26:26	D	5.40
192	MEERUT	SARDHANA	S-NPP	29.12290	77.73770	11/27/2021	13:17:29	D	4.00
193	MEERUT	SARDHANA	S-NPP	29.13410	77.51960	11/27/2021	13:17:29	D	1.80
194	MEERUT	SARDHANA	S-NPP	29.18940	77.54140	11/27/2021	13:17:29	D	2.20

195	MEERUT	SARDHANA	S-NPP	29.20940	77.66600	11/27/2021	13:17:29	D	1.90
196	MEERUT	SARDHANA	S-NPP	29.21730	77.69340	11/27/2021	13:17:29	D	2.10
197	MIRZAPUR	CHUNAR	S-NPP	25.18320	83.16710	11/27/2021	13:17:29	D	2.20
198	MIRZAPUR	LALGANJ	S-NPP	24.90490	82.32690	11/27/2021	13:17:29	D	2.00
199	MIRZAPUR	MIRZAPUR	S-NPP	25.11820	82.68320	11/27/2021	13:17:29	D	2.00
200	MIRZAPUR	MIRZAPUR	S-NPP	25.11840	82.68390	11/27/2021	13:17:29	D	2.30
201	MUZAFARNAGAR	BUDHANA	S-NPP	29.24280	77.49720	11/27/2021	13:17:29	D	5.30
202	MUZAFARNAGAR	BUDHANA	S-NPP	29.26410	77.48020	11/27/2021	13:17:29	D	5.30
203	MUZAFARNAGAR	BUDHANA	S-NPP	29.28140	77.50160	11/27/2021	13:17:29	D	4.80
204	MUZAFARNAGAR	JANSATH	S-NPP	29.56020	77.97440	11/27/2021	13:17:29	D	1.80
205	MUZAFARNAGAR	KHATOLI	S-NPP	29.22380	77.82010	11/27/2021	13:17:29	D	2.10
206	MUZAFARNAGAR	KHATOLI	S-NPP	29.29000	77.68280	11/27/2021	13:17:29	D	1.90
207	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.49910	77.59060	11/27/2021	13:17:29	D	1.80
208	PRATAPGARH	KUNDA	S-NPP	25.79380	81.47920	11/27/2021	13:17:29	D	1.70
209	PRATAPGARH	LALGANJ	S-NPP	25.90290	81.56410	11/27/2021	13:17:29	D	1.00
210	RAIBEARELI	MAHARAJGANG	S-NPP	26.38700	81.21560	11/27/2021	13:17:29	D	2.80
211	RAIBEARELI	MAHARAJGANG	S-NPP	26.41300	81.37620	11/27/2021	13:17:29	D	3.00
212	RAIBEARELI	MAHARAJGANG	S-NPP	26.42370	81.05370	11/27/2021	13:17:29	D	3.10
213	RAIBEARELI	MAHARAJGANG	S-NPP	26.48370	81.11280	11/27/2021	13:17:29	D	6.80
214	RAIBEARELI	MAHARAJGANG	AQUA	26.35700	81.37900	11/27/2021	13:26:26	D	5.30
215	RAIBEARELI	MAHARAJGANG	AQUA	26.41100	81.37400	11/27/2021	13:26:26	D	5.20
216	RAIBEARELI	RAEBARELI	S-NPP	26.18960	81.34690	11/27/2021	13:17:29	D	2.70
217	RAIBEARELI	SALON	AQUA	26.03700	81.39900	11/27/2021	13:26:26	D	5.00
218	RAIBEARELI	SALON	AQUA	26.19200	81.58700	11/27/2021	13:26:26	D	5.30
219	RAIBEARELI	TILOI	S-NPP	26.36690	81.54640	11/27/2021	13:17:29	D	3.10
220	RAIBEARELI	TILOI	S-NPP	26.50850	81.43900	11/27/2021	13:17:29	D	3.10
221	RAIBEARELI	TILOI	S-NPP	26.54200	81.40420	11/27/2021	13:17:29	D	2.40
222	RAMPUR	MILAK	S-NPP	28.58160	79.20850	11/27/2021	13:17:29	D	5.50
223	RAMPUR	SHAHBAD	S-NPP	28.50650	78.98150	11/27/2021	13:17:29	D	2.30
224	RAMPUR	SHAHBAD	S-NPP	28.50710	78.98540	11/27/2021	13:17:29	D	2.30
225	RAMPUR	TANDA	S-NPP	29.03330	79.01730	11/27/2021	13:17:29	D	1.70
226	SAMBHAL	GUNNAUR	S-NPP	28.21970	78.39690	11/27/2021	13:17:29	D	2.20
227	SAMBHAL	GUNNAUR	S-NPP	28.34670	78.33940	11/27/2021	13:17:29	D	3.30

228	SAMBHAL	SAMBHAL	S-NPP	28.75710	78.51760	11/27/2021	13:17:29	D	1.30
229	SANTRAVIDASNAGAR	BHADOHI	S-NPP	25.39880	82.50020	11/27/2021	13:17:29	D	2.50
230	SHAHJAHANPUR	PUWANYA	S-NPP	27.99800	80.06760	11/27/2021	13:17:29	D	2.60
231	SHAHJAHANPUR	PUWANYA	S-NPP	28.28740	80.29200	11/27/2021	13:17:29	D	8.20
232	SHAHJAHANPUR	PUWANYA	S-NPP	28.28840	80.13230	11/27/2021	13:17:29	D	2.10
233	SHAHJAHANPUR	PUWANYA	AQUA	28.18700	80.04000	11/27/2021	13:26:26	D	6.90
234	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.88980	79.80860	11/27/2021	13:17:29	D	8.20
235	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.91130	79.72420	11/27/2021	13:17:29	D	5.70
236	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.93900	79.81950	11/27/2021	13:17:29	D	4.80
237	SHAHJAHANPUR	SHAHJAHANPUR	AQUA	27.95400	79.88900	11/27/2021	13:26:26	D	4.00
238	SHAHJAHANPUR	TILHAR	AQUA	28.09500	79.77900	11/27/2021	13:26:26	D	13.60
239	SHAHJAHANPUR	TILHAR	AQUA	28.09600	79.78900	11/27/2021	13:26:26	D	5.80
240	SHARANPUR	NAKUR	S-NPP	29.71190	77.28720	11/27/2021	13:17:29	D	1.60
241	SHARANPUR	NAKUR	AQUA	29.96700	77.39200	11/27/2021	13:26:26	D	5.00
242	SHARANPUR	SHARANPUR	S-NPP	29.88400	77.51940	11/27/2021	13:17:29	D	2.20
243	SHARANPUR	SHARANPUR	AQUA	30.07200	77.64000	11/27/2021	13:26:26	D	5.90
244	SITAPUR	MISRIK	S-NPP	27.72300	80.51880	11/27/2021	13:17:29	D	3.40
245	SITAPUR	SIDHAULI	S-NPP	27.23040	80.85050	11/27/2021	13:17:29	D	2.10
246	SITAPUR	SITAPUR	S-NPP	27.55430	80.82700	11/27/2021	13:17:29	D	1.80
247	SULTANPUR	JAISINGHPUR	S-NPP	26.28870	82.22430	11/27/2021	13:17:29	D	2.40
248	SULTANPUR	JAISINGHPUR	S-NPP	26.28970	82.28560	11/27/2021	13:17:29	D	3.50
249	SULTANPUR	JAISINGHPUR	S-NPP	26.31280	82.40560	11/27/2021	13:17:29	D	2.60
250	SULTANPUR	JAISINGHPUR	AQUA	26.28500	82.28500	11/27/2021	13:26:26	D	4.90
251	SULTANPUR	KADIRPUR	S-NPP	26.23080	82.54710	11/27/2021	13:17:29	D	2.50
252	SULTANPUR	KADIRPUR	S-NPP	26.24910	82.46820	11/27/2021	13:17:29	D	3.10
253	SULTANPUR	KADIRPUR	S-NPP	26.25080	82.48130	11/27/2021	13:17:29	D	5.10
254	SULTANPUR	SULTANPUR	S-NPP	26.45010	82.08660	11/27/2021	13:17:29	D	3.00
255	SULTANPUR	SULTANPUR	S-NPP	26.45890	82.07210	11/27/2021	13:17:29	D	2.90
256	UNNAO	BIGHAPUR	S-NPP	26.32670	80.83950	11/27/2021	13:17:29	D	1.90
257	UNNAO	PURWA	S-NPP	26.44680	80.75780	11/27/2021	13:17:29	D	2.40

Details of residue burning events in Rajasthan on 27-Nov-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	BUNDI	BUNDI	S-NPP	25.37090	75.86850	11/27/2021	13:17:29	D	3.70
2	BUNDI	BUNDI	S-NPP	25.37460	75.86770	11/27/2021	13:17:29	D	3.70
3	BUNDI	BUNDI	S-NPP	25.39720	75.80270	11/27/2021	13:17:29	D	3.20
4	GANGANAGAR	SURATGARH	S-NPP	29.33680	73.81460	11/27/2021	13:17:29	D	10.70
5	GANGANAGAR	SURATGARH	S-NPP	29.33750	73.81270	11/27/2021	13:17:29	D	11.70
6	GANGANAGAR	SURATGARH	S-NPP	29.34300	73.80000	11/27/2021	13:17:29	D	6.60
7	HANUMANGARH	HANUMANGARH	S-NPP	29.53180	74.21270	11/27/2021	13:17:29	D	4.10
8	HANUMANGARH	HANUMANGARH	S-NPP	29.58730	74.28010	11/27/2021	13:17:29	D	5.40
9	HANUMANGARH	HANUMANGARH	S-NPP	29.59610	74.36880	11/27/2021	13:17:29	D	3.30
10	HANUMANGARH	HANUMANGARH	S-NPP	29.59710	74.37390	11/27/2021	13:17:29	D	3.30
11	HANUMANGARH	HANUMANGARH	S-NPP	29.62480	74.37780	11/27/2021	13:17:29	D	3.30
12	HANUMANGARH	HANUMANGARH	AQUA	29.61700	74.37000	11/27/2021	13:26:26	D	11.10
13	HANUMANGARH	HANUMANGARH	AQUA	29.62000	74.38600	11/27/2021	13:26:26	D	9.50
14	HANUMANGARH	HANUMANGARH	AQUA	29.62200	74.37900	11/27/2021	13:26:26	D	21.50
15	HANUMANGARH	P LIBANGA	S-NPP	29.37790	74.01300	11/27/2021	13:17:29	D	5.10
16	HANUMANGARH	P LIBANGA	S-NPP	29.39930	73.98930	11/27/2021	13:17:29	D	3.40
17	HANUMANGARH	TIBI	S-NPP	29.53020	74.60310	11/27/2021	13:17:29	D	9.50
18	HANUMANGARH	TIBI	S-NPP	29.53390	74.60220	11/27/2021	13:17:29	D	9.50
19	HANUMANGARH	TIBI	S-NPP	29.53480	74.60720	11/27/2021	13:17:29	D	9.50
20	HANUMANGARH	TIBI	S-NPP	29.53660	74.59630	11/27/2021	13:17:29	D	5.00
21	HANUMANGARH	TIBI	S-NPP	29.53750	74.58050	11/27/2021	13:17:29	D	4.90
22	HANUMANGARH	TIBI	S-NPP	29.54120	74.57960	11/27/2021	13:17:29	D	5.40
23	HANUMANGARH	TIBI	S-NPP	29.54210	74.58460	11/27/2021	13:17:29	D	5.40
24	HANUMANGARH	TIBI	S-NPP	29.54760	74.57290	11/27/2021	13:17:29	D	17.20
25	HANUMANGARH	TIBI	S-NPP	29.55310	74.56110	11/27/2021	13:17:29	D	5.50
26	HANUMANGARH	TIBI	S-NPP	29.57660	74.53180	11/27/2021	13:17:29	D	4.00

27	HANUMANGARH	TIBI	S-NPP	29.57790	74.52900	11/27/2021	13:17:29	D	5.10
28	HANUMANGARH	TIBI	S-NPP	29.58810	74.42910	11/27/2021	13:17:29	D	6.00
29	HANUMANGARH	TIBI	S-NPP	29.59050	74.56500	11/27/2021	13:17:29	D	32.80
30	HANUMANGARH	TIBI	AQUA	29.52200	74.60600	11/27/2021	13:26:26	D	18.60
31	HANUMANGARH	TIBI	AQUA	29.53000	74.58900	11/27/2021	13:26:26	D	12.10
32	HANUMANGARH	TIBI	AQUA	29.53300	74.60400	11/27/2021	13:26:26	D	32.40
33	HANUMANGARH	TIBI	AQUA	29.58200	74.42700	11/27/2021	13:26:26	D	15.60

Details of residue burning events in Madhya Pradesh on 27-Nov-2021

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_DATE	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	BALAGHAT	KATANGI	S-NPP	21.80340	79.84360	11/27/2021	13:17:29	D	2.80
2	BALAGHAT	LANJI	S-NPP	21.47060	80.48830	11/27/2021	13:17:29	D	6.50
3	BETUL	BHAINSDEHI	S-NPP	21.61280	77.93850	11/27/2021	13:17:29	D	4.00
4	BHIND	GOHAD	S-NPP	26.46170	78.32110	11/27/2021	13:17:29	D	5.90
5	BHIND	GOHAD	S-NPP	26.49730	78.28560	11/27/2021	13:17:29	D	5.00
6	BHIND	GOHAD	AQUA	26.48300	78.27600	11/27/2021	13:26:26	D	5.80
7	BHIND	GOHAD	AQUA	26.48400	78.28700	11/27/2021	13:26:26	D	5.60
8	BHIND	GOHAD	AQUA	26.49700	78.30600	11/27/2021	13:26:26	D	7.20
9	BHIND	LAHAR	S-NPP	25.98890	78.84210	11/27/2021	13:17:29	D	6.00
10	BHOPAL	HUZUR	S-NPP	23.28850	77.50570	11/27/2021	13:17:29	D	4.00
11	CHHINDWARA	AMARWARA	S-NPP	22.59000	79.18510	11/27/2021	13:17:29	D	3.30
12	CHHINDWARA	CHAURAI	S-NPP	22.16020	79.29590	11/27/2021	13:17:29	D	3.00
13	DATIA	BHANDER	S-NPP	25.57070	78.63870	11/27/2021	13:17:29	D	3.10
14	DATIA	BHANDER	S-NPP	25.63790	78.72570	11/27/2021	13:17:29	D	2.00
15	DATIA	BHANDER	S-NPP	25.88530	78.65840	11/27/2021	13:17:29	D	2.70
16	DATIA	BHANDER	S-NPP	25.90650	78.66230	11/27/2021	13:17:29	D	4.10
17	DATIA	BHANDER	S-NPP	25.93350	78.83280	11/27/2021	13:17:29	D	0.50
18	DATIA	BHANDER	S-NPP	25.93680	78.83220	11/27/2021	13:17:29	D	1.80
19	DATIA	BHANDER	AQUA	25.88000	78.66000	11/27/2021	13:26:26	D	3.90
20	DATIA	BHANDER	AQUA	25.93400	78.83600	11/27/2021	13:26:26	D	7.70
21	DATIA	SEONDHA	S-NPP	25.84340	78.61050	11/27/2021	13:17:29	D	3.70
22	DATIA	SEONDHA	S-NPP	25.85440	78.50780	11/27/2021	13:17:29	D	5.10
23	DATIA	SEONDHA	S-NPP	25.85900	78.57940	11/27/2021	13:17:29	D	3.30
24	DATIA	SEONDHA	AQUA	25.85700	78.57800	11/27/2021	13:26:26	D	6.10
25	GUNA	GUNA	S-NPP	24.60850	77.47420	11/27/2021	13:17:29	D	2.80
26	GWALIOR	BHITARWAR	S-NPP	25.71780	78.03310	11/27/2021	13:17:29	D	5.20
27	GWALIOR	BHITARWAR	S-NPP	25.72480	78.09750	11/27/2021	13:17:29	D	2.30
28	GWALIOR	BHITARWAR	S-NPP	25.72580	78.03640	11/27/2021	13:17:29	D	6.80
29	GWALIOR	BHITARWAR	S-NPP	25.72580	78.03970	11/27/2021	13:17:29	D	8.00
30	GWALIOR	BHITARWAR	S-NPP	25.72950	78.10480	11/27/2021	13:17:29	D	3.20

31	GWALIOR	BHITARWAR	S-NPP	25.73580	78.05500	11/27/2021	13:17:29	D	2.40
32	GWALIOR	BHITARWAR	S-NPP	25.79430	78.07220	11/27/2021	13:17:29	D	2.00
33	GWALIOR	BHITARWAR	S-NPP	25.80440	78.07010	11/27/2021	13:17:29	D	3.10
34	GWALIOR	BHITARWAR	S-NPP	25.82730	78.16820	11/27/2021	13:17:29	D	4.90
35	GWALIOR	BHITARWAR	S-NPP	25.82790	78.17210	11/27/2021	13:17:29	D	6.20
36	GWALIOR	BHITARWAR	S-NPP	25.82870	78.04880	11/27/2021	13:17:29	D	4.90
37	GWALIOR	BHITARWAR	S-NPP	25.83520	78.03960	11/27/2021	13:17:29	D	1.60
38	GWALIOR	BHITARWAR	S-NPP	25.83600	78.07210	11/27/2021	13:17:29	D	3.60
39	GWALIOR	BHITARWAR	S-NPP	25.83610	77.98170	11/27/2021	13:17:29	D	3.00
40	GWALIOR	BHITARWAR	S-NPP	25.83660	78.02700	11/27/2021	13:17:29	D	1.60
41	GWALIOR	BHITARWAR	S-NPP	25.86610	78.05820	11/27/2021	13:17:29	D	14.30
42	GWALIOR	BHITARWAR	S-NPP	25.87170	78.00770	11/27/2021	13:17:29	D	4.40
43	GWALIOR	BHITARWAR	S-NPP	25.87250	78.11850	11/27/2021	13:17:29	D	3.80
44	GWALIOR	BHITARWAR	S-NPP	25.87440	78.00300	11/27/2021	13:17:29	D	2.80
45	GWALIOR	BHITARWAR	S-NPP	25.88280	78.07540	11/27/2021	13:17:29	D	1.60
46	GWALIOR	BHITARWAR	S-NPP	25.88410	78.08340	11/27/2021	13:17:29	D	3.40
47	GWALIOR	BHITARWAR	S-NPP	25.88440	78.02160	11/27/2021	13:17:29	D	5.10
48	GWALIOR	BHITARWAR	S-NPP	25.88570	78.02960	11/27/2021	13:17:29	D	4.00
49	GWALIOR	BHITARWAR	S-NPP	25.89170	78.04490	11/27/2021	13:17:29	D	3.30
50	GWALIOR	BHITARWAR	S-NPP	25.89200	78.11060	11/27/2021	13:17:29	D	2.80
51	GWALIOR	BHITARWAR	S-NPP	25.89780	78.03960	11/27/2021	13:17:29	D	3.90
52	GWALIOR	BHITARWAR	S-NPP	25.89850	78.04360	11/27/2021	13:17:29	D	7.20
53	GWALIOR	BHITARWAR	S-NPP	25.90170	78.06350	11/27/2021	13:17:29	D	3.80
54	GWALIOR	BHITARWAR	S-NPP	25.90250	78.04690	11/27/2021	13:17:29	D	7.20
55	GWALIOR	BHITARWAR	S-NPP	25.90260	78.02630	11/27/2021	13:17:29	D	3.80
56	GWALIOR	BHITARWAR	S-NPP	25.90980	78.04950	11/27/2021	13:17:29	D	4.40
57	GWALIOR	BHITARWAR	S-NPP	25.91390	78.05280	11/27/2021	13:17:29	D	4.40
58	GWALIOR	BHITARWAR	S-NPP	25.92780	78.18130	11/27/2021	13:17:29	D	5.00
59	GWALIOR	BHITARWAR	S-NPP	25.92910	78.08270	11/27/2021	13:17:29	D	4.70
60	GWALIOR	BHITARWAR	S-NPP	25.92930	78.06210	11/27/2021	13:17:29	D	2.30
61	GWALIOR	BHITARWAR	S-NPP	25.92980	78.08660	11/27/2021	13:17:29	D	8.20
62	GWALIOR	BHITARWAR	S-NPP	25.93090	78.11510	11/27/2021	13:17:29	D	4.10
63	GWALIOR	BHITARWAR	S-NPP	25.93360	78.21690	11/27/2021	13:17:29	D	8.90

64	GWALIOR	BHITARWAR	S-NPP	25.93560	78.20830	11/27/2021	13:17:29	D	3.70
65	GWALIOR	BHITARWAR	S-NPP	25.93630	78.21230	11/27/2021	13:17:29	D	3.70
66	GWALIOR	BHITARWAR	S-NPP	25.93670	78.15090	11/27/2021	13:17:29	D	3.30
67	GWALIOR	BHITARWAR	S-NPP	25.93870	78.05610	11/27/2021	13:17:29	D	2.70
68	GWALIOR	BHITARWAR	S-NPP	25.93980	78.19120	11/27/2021	13:17:29	D	3.70
69	GWALIOR	BHITARWAR	S-NPP	25.94520	78.18190	11/27/2021	13:17:29	D	5.00
70	GWALIOR	BHITARWAR	S-NPP	25.94540	78.05480	11/27/2021	13:17:29	D	2.40
71	GWALIOR	BHITARWAR	S-NPP	25.94610	78.05470	11/27/2021	13:17:29	D	2.40
72	GWALIOR	BHITARWAR	S-NPP	25.94860	78.18130	11/27/2021	13:17:29	D	6.20
73	GWALIOR	BHITARWAR	S-NPP	25.95050	78.19320	11/27/2021	13:17:29	D	2.70
74	GWALIOR	BHITARWAR	S-NPP	25.95100	78.21760	11/27/2021	13:17:29	D	6.40
75	GWALIOR	BHITARWAR	S-NPP	25.95150	78.06600	11/27/2021	13:17:29	D	2.20
76	GWALIOR	BHITARWAR	S-NPP	25.95220	78.13960	11/27/2021	13:17:29	D	1.10
77	GWALIOR	BHITARWAR	S-NPP	25.95560	78.13890	11/27/2021	13:17:29	D	2.00
78	GWALIOR	BHITARWAR	S-NPP	25.95690	78.05670	11/27/2021	13:17:29	D	3.90
79	GWALIOR	BHITARWAR	S-NPP	25.95750	78.15090	11/27/2021	13:17:29	D	6.80
80	GWALIOR	BHITARWAR	S-NPP	25.95990	78.18720	11/27/2021	13:17:29	D	4.50
81	GWALIOR	BHITARWAR	S-NPP	25.96600	78.11240	11/27/2021	13:17:29	D	3.10
82	GWALIOR	BHITARWAR	S-NPP	25.97170	78.21750	11/27/2021	13:17:29	D	3.00
83	GWALIOR	BHITARWAR	S-NPP	25.97390	78.13950	11/27/2021	13:17:29	D	5.80
84	GWALIOR	BHITARWAR	S-NPP	25.97580	78.17180	11/27/2021	13:17:29	D	7.50
85	GWALIOR	BHITARWAR	S-NPP	25.99600	78.14730	11/27/2021	13:17:29	D	7.40
86	GWALIOR	BHITARWAR	AQUA	25.87000	78.00400	11/27/2021	13:26:26	D	6.40
87	GWALIOR	BHITARWAR	AQUA	25.89800	78.12300	11/27/2021	13:26:26	D	6.00
88	GWALIOR	BHITARWAR	AQUA	25.89900	78.03800	11/27/2021	13:26:26	D	15.40
89	GWALIOR	BHITARWAR	AQUA	25.90000	78.13400	11/27/2021	13:26:26	D	4.80
90	GWALIOR	BHITARWAR	AQUA	25.92700	78.08900	11/27/2021	13:26:26	D	9.80
91	GWALIOR	BHITARWAR	AQUA	25.92900	78.22300	11/27/2021	13:26:26	D	9.70
92	GWALIOR	BHITARWAR	AQUA	25.99300	78.14400	11/27/2021	13:26:26	D	9.10
93	GWALIOR	DABRA	S-NPP	25.85820	78.15820	11/27/2021	13:17:29	D	4.10
94	GWALIOR	DABRA	S-NPP	25.86350	78.16940	11/27/2021	13:17:29	D	3.60
95	GWALIOR	DABRA	S-NPP	25.86370	78.22230	11/27/2021	13:17:29	D	8.20
96	GWALIOR	DABRA	S-NPP	25.86520	78.22220	11/27/2021	13:17:29	D	15.40

97	GWALIOR	DABRA	S-NPP	25.86610	78.18530	11/27/2021	13:17:29	D	3.80
98	GWALIOR	DABRA	S-NPP	25.86870	78.33930	11/27/2021	13:17:29	D	1.50
99	GWALIOR	DABRA	S-NPP	25.86890	78.16020	11/27/2021	13:17:29	D	2.70
100	GWALIOR	DABRA	S-NPP	25.87230	78.15950	11/27/2021	13:17:29	D	2.70
101	GWALIOR	DABRA	S-NPP	25.87390	78.23280	11/27/2021	13:17:29	D	2.80
102	GWALIOR	DABRA	S-NPP	25.87690	78.27290	11/27/2021	13:17:29	D	3.40
103	GWALIOR	DABRA	S-NPP	25.88080	78.29650	11/27/2021	13:17:29	D	2.40
104	GWALIOR	DABRA	S-NPP	25.88140	78.30050	11/27/2021	13:17:29	D	4.80
105	GWALIOR	DABRA	S-NPP	25.88600	78.22220	11/27/2021	13:17:29	D	4.20
106	GWALIOR	DABRA	S-NPP	25.89190	78.23740	11/27/2021	13:17:29	D	5.50
107	GWALIOR	DABRA	S-NPP	25.89330	78.22490	11/27/2021	13:17:29	D	4.30
108	GWALIOR	DABRA	S-NPP	25.89430	78.27350	11/27/2021	13:17:29	D	1.60
109	GWALIOR	DABRA	S-NPP	25.89810	78.21160	11/27/2021	13:17:29	D	4.30
110	GWALIOR	DABRA	S-NPP	25.90150	78.21100	11/27/2021	13:17:29	D	4.30
111	GWALIOR	DABRA	S-NPP	25.90420	78.20640	11/27/2021	13:17:29	D	3.70
112	GWALIOR	DABRA	S-NPP	25.90480	78.21030	11/27/2021	13:17:29	D	3.70
113	GWALIOR	DABRA	S-NPP	25.92430	78.20240	11/27/2021	13:17:29	D	1.70
114	GWALIOR	DABRA	S-NPP	25.93470	78.24520	11/27/2021	13:17:29	D	2.30
115	GWALIOR	DABRA	S-NPP	25.93840	78.28930	11/27/2021	13:17:29	D	3.10
116	GWALIOR	DABRA	S-NPP	25.94200	78.33320	11/27/2021	13:17:29	D	4.80
117	GWALIOR	DABRA	S-NPP	25.96590	78.35290	11/27/2021	13:17:29	D	3.10
118	GWALIOR	DABRA	S-NPP	25.96850	78.28340	11/27/2021	13:17:29	D	2.10
119	GWALIOR	DABRA	S-NPP	25.97260	78.26630	11/27/2021	13:17:29	D	4.60
120	GWALIOR	DABRA	S-NPP	25.97510	78.36730	11/27/2021	13:17:29	D	3.10
121	GWALIOR	DABRA	S-NPP	25.97580	78.28600	11/27/2021	13:17:29	D	8.60
122	GWALIOR	DABRA	S-NPP	25.97720	78.27350	11/27/2021	13:17:29	D	8.70
123	GWALIOR	DABRA	S-NPP	25.98180	78.27260	11/27/2021	13:17:29	D	3.10
124	GWALIOR	DABRA	S-NPP	25.98450	78.26800	11/27/2021	13:17:29	D	3.00
125	GWALIOR	DABRA	S-NPP	25.98570	78.30430	11/27/2021	13:17:29	D	2.30
126	GWALIOR	DABRA	S-NPP	25.98690	78.30400	11/27/2021	13:17:29	D	4.30
127	GWALIOR	DABRA	S-NPP	25.99090	78.30730	11/27/2021	13:17:29	D	4.30
128	GWALIOR	DABRA	S-NPP	25.99480	78.33090	11/27/2021	13:17:29	D	2.00
129	GWALIOR	DABRA	AQUA	25.88600	78.22600	11/27/2021	13:26:26	D	12.60

130	GWALIOR	DABRA	AQUA	25.90000	78.25700	11/27/2021	13:26:26	D	8.40
131	GWALIOR	DABRA	AQUA	25.92700	78.21200	11/27/2021	13:26:26	D	8.30
132	GWALIOR	DABRA	AQUA	25.93300	78.24500	11/27/2021	13:26:26	D	10.00
133	GWALIOR	DABRA	AQUA	25.93700	78.33200	11/27/2021	13:26:26	D	6.00
134	GWALIOR	DABRA	AQUA	25.96600	78.27200	11/27/2021	13:26:26	D	7.30
135	GWALIOR	DABRA	AQUA	25.96700	78.28200	11/27/2021	13:26:26	D	10.10
136	GWALIOR	DABRA	AQUA	25.97200	78.31400	11/27/2021	13:26:26	D	5.50
137	GWALIOR	GWALIOR	S-NPP	26.30200	78.17370	11/27/2021	13:17:29	D	3.00
138	JABALPUR	JABALPUR	S-NPP	23.02920	79.86390	11/27/2021	13:17:29	D	4.00
139	JABALPUR	JABALPUR	S-NPP	23.14390	79.85900	11/27/2021	13:17:29	D	3.70
140	JABALPUR	JABALPUR	S-NPP	23.17100	79.85800	11/27/2021	13:17:29	D	2.40
141	JABALPUR	JABALPUR	S-NPP	23.17150	79.86170	11/27/2021	13:17:29	D	4.70
142	JABALPUR	JABALPUR	S-NPP	23.18400	79.89810	11/27/2021	13:17:29	D	4.40
143	JABALPUR	JABALPUR	S-NPP	23.24030	79.84890	11/27/2021	13:17:29	D	2.30
144	JABALPUR	JABALPUR	S-NPP	23.25380	79.95840	11/27/2021	13:17:29	D	3.30
145	JABALPUR	JABALPUR	S-NPP	23.25440	79.96210	11/27/2021	13:17:29	D	4.10
146	JABALPUR	JABALPUR	S-NPP	23.25970	79.86470	11/27/2021	13:17:29	D	5.70
147	JABALPUR	JABALPUR	S-NPP	23.26620	79.99470	11/27/2021	13:17:29	D	2.50
148	JABALPUR	JABALPUR	S-NPP	23.26940	79.90540	11/27/2021	13:17:29	D	3.70
149	JABALPUR	JABALPUR	S-NPP	23.27180	79.85480	11/27/2021	13:17:29	D	3.10
150	JABALPUR	JABALPUR	S-NPP	23.27420	79.95850	11/27/2021	13:17:29	D	14.80
151	JABALPUR	JABALPUR	S-NPP	23.27490	79.89670	11/27/2021	13:17:29	D	12.10
152	JABALPUR	JABALPUR	S-NPP	23.27750	79.95790	11/27/2021	13:17:29	D	14.80
153	JABALPUR	JABALPUR	S-NPP	23.27820	79.89610	11/27/2021	13:17:29	D	4.30
154	JABALPUR	JABALPUR	S-NPP	23.28030	79.95360	11/27/2021	13:17:29	D	1.50
155	JABALPUR	JABALPUR	S-NPP	23.28910	79.87870	11/27/2021	13:17:29	D	4.90
156	JABALPUR	JABALPUR	S-NPP	23.30370	79.90690	11/27/2021	13:17:29	D	1.30
157	JABALPUR	JABALPUR	S-NPP	23.30730	80.04120	11/27/2021	13:17:29	D	3.60
158	JABALPUR	JABALPUR	S-NPP	23.30740	79.97570	11/27/2021	13:17:29	D	3.40
159	JABALPUR	JABALPUR	S-NPP	23.31620	79.92380	11/27/2021	13:17:29	D	13.40
160	JABALPUR	JABALPUR	S-NPP	23.31680	79.97010	11/27/2021	13:17:29	D	4.90
161	JABALPUR	JABALPUR	S-NPP	23.31720	80.03940	11/27/2021	13:17:29	D	0.80
162	JABALPUR	JABALPUR	S-NPP	23.31780	79.91190	11/27/2021	13:17:29	D	3.00

163	JABALPUR	JABALPUR	S-NPP	23.31950	79.92320	11/27/2021	13:17:29	D	13.40
164	JABALPUR	JABALPUR	S-NPP	23.32420	79.95320	11/27/2021	13:17:29	D	6.10
165	JABALPUR	JABALPUR	S-NPP	23.33090	79.97510	11/27/2021	13:17:29	D	3.70
166	JABALPUR	JABALPUR	S-NPP	23.33150	79.97890	11/27/2021	13:17:29	D	6.10
167	JABALPUR	JABALPUR	S-NPP	23.33420	80.04000	11/27/2021	13:17:29	D	2.60
168	JABALPUR	JABALPUR	S-NPP	23.33550	79.91650	11/27/2021	13:17:29	D	5.60
169	JABALPUR	JABALPUR	S-NPP	23.33660	79.92400	11/27/2021	13:17:29	D	8.70
170	JABALPUR	JABALPUR	S-NPP	23.33720	79.92770	11/27/2021	13:17:29	D	8.70
171	JABALPUR	JABALPUR	S-NPP	23.33990	79.92340	11/27/2021	13:17:29	D	8.70
172	JABALPUR	JABALPUR	S-NPP	23.34040	79.99270	11/27/2021	13:17:29	D	4.30
173	JABALPUR	JABALPUR	S-NPP	23.34050	79.92710	11/27/2021	13:17:29	D	8.70
174	JABALPUR	JABALPUR	S-NPP	23.34800	79.97590	11/27/2021	13:17:29	D	3.40
175	JABALPUR	JABALPUR	S-NPP	23.36080	79.90420	11/27/2021	13:17:29	D	4.70
176	JABALPUR	JABALPUR	S-NPP	23.36410	79.90360	11/27/2021	13:17:29	D	4.70
177	JABALPUR	JABALPUR	S-NPP	23.36640	79.91860	11/27/2021	13:17:29	D	3.50
178	JABALPUR	JABALPUR	S-NPP	23.36660	79.94170	11/27/2021	13:17:29	D	2.30
179	JABALPUR	JABALPUR	S-NPP	23.36770	79.94920	11/27/2021	13:17:29	D	2.70
180	JABALPUR	JABALPUR	AQUA	23.16200	79.83600	11/27/2021	13:26:26	D	12.00
181	JABALPUR	JABALPUR	AQUA	23.16500	79.85600	11/27/2021	13:26:26	D	9.10
182	JABALPUR	JABALPUR	AQUA	23.25300	79.95700	11/27/2021	13:26:26	D	9.30
183	JABALPUR	JABALPUR	AQUA	23.25700	79.86400	11/27/2021	13:26:26	D	16.00
184	JABALPUR	JABALPUR	AQUA	23.28700	79.87900	11/27/2021	13:26:26	D	10.80
185	JABALPUR	JABALPUR	AQUA	23.30100	79.96800	11/27/2021	13:26:26	D	10.10
186	JABALPUR	JABALPUR	AQUA	23.30500	79.87600	11/27/2021	13:26:26	D	7.80
187	JABALPUR	JABALPUR	AQUA	23.30700	79.88600	11/27/2021	13:26:26	D	8.10
188	JABALPUR	JABALPUR	AQUA	23.31000	79.96700	11/27/2021	13:26:26	D	66.20
189	JABALPUR	JABALPUR	AQUA	23.31100	79.91600	11/27/2021	13:26:26	D	8.30
190	JABALPUR	JABALPUR	AQUA	23.31100	79.97700	11/27/2021	13:26:26	D	8.50
191	JABALPUR	JABALPUR	AQUA	23.33200	79.92600	11/27/2021	13:26:26	D	8.80
192	JABALPUR	JABALPUR	AQUA	23.35600	79.90100	11/27/2021	13:26:26	D	4.30
193	JABALPUR	JABALPUR	AQUA	23.35900	79.92100	11/27/2021	13:26:26	D	4.60
194	JABALPUR	JABALPUR	AQUA	23.36000	79.93100	11/27/2021	13:26:26	D	5.40
195	JABALPUR	JABALPUR	AQUA	23.36200	79.94100	11/27/2021	13:26:26	D	17.00

196	JABALPUR	MAJHOULI	S-NPP	23.37740	79.98990	11/27/2021	13:17:29	D	3.70
197	JABALPUR	MAJHOULI	S-NPP	23.37900	79.97800	11/27/2021	13:17:29	D	4.50
198	JABALPUR	MAJHOULI	S-NPP	23.37950	79.98180	11/27/2021	13:17:29	D	4.50
199	JABALPUR	MAJHOULI	S-NPP	23.38230	79.97740	11/27/2021	13:17:29	D	4.50
200	JABALPUR	MAJHOULI	S-NPP	23.39220	79.97560	11/27/2021	13:17:29	D	3.10
201	JABALPUR	MAJHOULI	S-NPP	23.40150	79.97010	11/27/2021	13:17:29	D	3.10
202	JABALPUR	MAJHOULI	S-NPP	23.40380	79.98510	11/27/2021	13:17:29	D	1.90
203	JABALPUR	MAJHOULI	S-NPP	23.44230	79.97400	11/27/2021	13:17:29	D	5.80
204	JABALPUR	MAJHOULI	S-NPP	23.44290	79.97780	11/27/2021	13:17:29	D	5.80
205	JABALPUR	MAJHOULI	S-NPP	23.47420	80.04920	11/27/2021	13:17:29	D	2.60
206	JABALPUR	MAJHOULI	S-NPP	23.47750	80.04860	11/27/2021	13:17:29	D	3.80
207	JABALPUR	MAJHOULI	S-NPP	23.48580	79.97000	11/27/2021	13:17:29	D	3.10
208	JABALPUR	MAJHOULI	S-NPP	23.51990	80.12570	11/27/2021	13:17:29	D	2.20
209	JABALPUR	MAJHOULI	S-NPP	23.52320	80.12510	11/27/2021	13:17:29	D	2.60
210	JABALPUR	MAJHOULI	S-NPP	23.52980	80.12400	11/27/2021	13:17:29	D	2.30
211	JABALPUR	MAJHOULI	S-NPP	23.53210	80.05030	11/27/2021	13:17:29	D	2.70
212	JABALPUR	MAJHOULI	S-NPP	23.53540	80.04970	11/27/2021	13:17:29	D	2.70
213	JABALPUR	MAJHOULI	S-NPP	23.55300	79.98860	11/27/2021	13:17:29	D	5.90
214	JABALPUR	MAJHOULI	AQUA	23.37700	79.97900	11/27/2021	13:26:26	D	10.50
215	JABALPUR	MAJHOULI	AQUA	23.38600	79.97700	11/27/2021	13:26:26	D	8.70
216	JABALPUR	MAJHOULI	AQUA	23.43900	79.97200	11/27/2021	13:26:26	D	6.30
217	JABALPUR	MAJHOULI	AQUA	23.44100	79.98200	11/27/2021	13:26:26	D	6.00
218	JABALPUR	MAJHOULI	AQUA	23.46900	80.04700	11/27/2021	13:26:26	D	4.90
219	JABALPUR	MAJHOULI	AQUA	23.52700	80.12800	11/27/2021	13:26:26	D	6.30
220	JABALPUR	MAJHOULI	AQUA	23.55300	79.98600	11/27/2021	13:26:26	D	11.70
221	JABALPUR	PATAN	S-NPP	23.18520	79.84000	11/27/2021	13:17:29	D	6.30
222	JABALPUR	PATAN	S-NPP	23.18850	79.83940	11/27/2021	13:17:29	D	9.20
223	JABALPUR	PATAN	S-NPP	23.19180	79.79970	11/27/2021	13:17:29	D	4.40
224	JABALPUR	PATAN	S-NPP	23.19970	79.76350	11/27/2021	13:17:29	D	3.90
225	JABALPUR	PATAN	S-NPP	23.20050	79.79040	11/27/2021	13:17:29	D	7.00
226	JABALPUR	PATAN	S-NPP	23.20480	79.83990	11/27/2021	13:17:29	D	4.00
227	JABALPUR	PATAN	S-NPP	23.21770	79.85690	11/27/2021	13:17:29	D	1.70
228	JABALPUR	PATAN	S-NPP	23.22210	79.73240	11/27/2021	13:17:29	D	3.30

229	JABALPUR	PATAN	S-NPP	23.22540	79.73170	11/27/2021	13:17:29	D	30.00
230	JABALPUR	PATAN	S-NPP	23.22990	79.80440	11/27/2021	13:17:29	D	3.10
231	JABALPUR	PATAN	S-NPP	23.23010	79.76180	11/27/2021	13:17:29	D	3.00
232	JABALPUR	PATAN	S-NPP	23.24040	79.74060	11/27/2021	13:17:29	D	23.40
233	JABALPUR	PATAN	S-NPP	23.25530	79.79210	11/27/2021	13:17:29	D	3.40
234	JABALPUR	PATAN	S-NPP	23.25840	79.83410	11/27/2021	13:17:29	D	1.90
235	JABALPUR	PATAN	S-NPP	23.26250	79.79460	11/27/2021	13:17:29	D	3.50
236	JABALPUR	PATAN	S-NPP	23.26580	79.79410	11/27/2021	13:17:29	D	3.50
237	JABALPUR	PATAN	S-NPP	23.28250	79.81420	11/27/2021	13:17:29	D	2.70
238	JABALPUR	PATAN	S-NPP	23.28580	79.81360	11/27/2021	13:17:29	D	3.80
239	JABALPUR	PATAN	S-NPP	23.28810	79.74340	11/27/2021	13:17:29	D	4.80
240	JABALPUR	PATAN	S-NPP	23.29300	79.81620	11/27/2021	13:17:29	D	1.60
241	JABALPUR	PATAN	S-NPP	23.29380	79.84310	11/27/2021	13:17:29	D	2.80
242	JABALPUR	PATAN	S-NPP	23.29950	79.77230	11/27/2021	13:17:29	D	4.90
243	JABALPUR	PATAN	S-NPP	23.32560	79.85260	11/27/2021	13:17:29	D	13.90
244	JABALPUR	PATAN	S-NPP	23.33040	79.84010	11/27/2021	13:17:29	D	2.00
245	JABALPUR	PATAN	S-NPP	23.33900	79.80770	11/27/2021	13:17:29	D	2.50
246	JABALPUR	PATAN	AQUA	23.19300	79.80000	11/27/2021	13:26:26	D	9.00
247	JABALPUR	PATAN	AQUA	23.19900	79.84000	11/27/2021	13:26:26	D	8.00
248	JABALPUR	PATAN	AQUA	23.21800	79.72800	11/27/2021	13:26:26	D	12.00
249	JABALPUR	PATAN	AQUA	23.22900	79.79800	11/27/2021	13:26:26	D	9.60
250	JABALPUR	PATAN	AQUA	23.23000	79.80800	11/27/2021	13:26:26	D	5.00
251	JABALPUR	PATAN	AQUA	23.26000	79.70000	11/27/2021	13:26:26	D	12.90
252	JABALPUR	PATAN	AQUA	23.26500	79.79200	11/27/2021	13:26:26	D	7.90
253	JABALPUR	PATAN	AQUA	23.29900	79.76900	11/27/2021	13:26:26	D	7.50
254	JABALPUR	PATAN	AQUA	23.34700	79.84200	11/27/2021	13:26:26	D	6.10
255	JABALPUR	SAHPURA	S-NPP	23.09480	79.80610	11/27/2021	13:17:29	D	5.50
256	JABALPUR	SAHPURA	S-NPP	23.15720	79.72520	11/27/2021	13:17:29	D	1.90
257	JABALPUR	SAHPURA	S-NPP	23.15960	79.63170	11/27/2021	13:17:29	D	2.60
258	JABALPUR	SAHPURA	S-NPP	23.16090	79.77100	11/27/2021	13:17:29	D	18.90
259	JABALPUR	SAHPURA	S-NPP	23.16690	79.70020	11/27/2021	13:17:29	D	4.20
260	JABALPUR	SAHPURA	S-NPP	23.17720	79.66300	11/27/2021	13:17:29	D	2.20
261	JABALPUR	SAHPURA	S-NPP	23.17980	79.78300	11/27/2021	13:17:29	D	3.40

262	JABALPUR	SAHPURA	S-NPP	23.17990	79.65870	11/27/2021	13:17:29	D	3.50
263	JABALPUR	SAHPURA	S-NPP	23.18050	79.66240	11/27/2021	13:17:29	D	3.50
264	JABALPUR	SAHPURA	S-NPP	23.19230	79.73780	11/27/2021	13:17:29	D	3.10
265	JABALPUR	SAHPURA	S-NPP	23.19290	79.74150	11/27/2021	13:17:29	D	4.70
266	JABALPUR	SAHPURA	AQUA	23.12700	79.66900	11/27/2021	13:26:26	D	7.50
267	JABALPUR	SAHPURA	AQUA	23.14600	79.73700	11/27/2021	13:26:26	D	4.20
268	JABALPUR	SAHPURA	AQUA	23.17100	79.77400	11/27/2021	13:26:26	D	19.80
269	JABALPUR	SAHPURA	AQUA	23.17200	79.66000	11/27/2021	13:26:26	D	16.40
270	JABALPUR	SAHPURA	AQUA	23.17400	79.67000	11/27/2021	13:26:26	D	9.20
271	JABALPUR	SAHPURA	AQUA	23.18000	79.77200	11/27/2021	13:26:26	D	7.90
272	JABALPUR	SAHPURA	AQUA	23.20300	79.75200	11/27/2021	13:26:26	D	14.00
273	JABALPUR	SIHORA	S-NPP	23.35310	80.07510	11/27/2021	13:17:29	D	10.00
274	JABALPUR	SIHORA	S-NPP	23.38760	80.12280	11/27/2021	13:17:29	D	3.20
275	JABALPUR	SIHORA	S-NPP	23.41100	80.16480	11/27/2021	13:17:29	D	7.70
276	JABALPUR	SIHORA	S-NPP	23.41150	80.05700	11/27/2021	13:17:29	D	3.70
277	JABALPUR	SIHORA	S-NPP	23.41180	80.10310	11/27/2021	13:17:29	D	3.50
278	JABALPUR	SIHORA	S-NPP	23.41560	80.19480	11/27/2021	13:17:29	D	3.10
279	JABALPUR	SIHORA	S-NPP	23.41590	80.06390	11/27/2021	13:17:29	D	3.60
280	JABALPUR	SIHORA	S-NPP	23.41770	80.18670	11/27/2021	13:17:29	D	10.30
281	JABALPUR	SIHORA	S-NPP	23.41920	80.06330	11/27/2021	13:17:29	D	6.40
282	JABALPUR	SIHORA	S-NPP	23.42170	80.21290	11/27/2021	13:17:29	D	5.20
283	JABALPUR	SIHORA	S-NPP	23.42960	80.24230	11/27/2021	13:17:29	D	2.90
284	JABALPUR	SIHORA	S-NPP	23.43020	80.24600	11/27/2021	13:17:29	D	6.80
285	JABALPUR	SIHORA	S-NPP	23.44050	80.22500	11/27/2021	13:17:29	D	2.00
286	JABALPUR	SIHORA	S-NPP	23.44910	80.16960	11/27/2021	13:17:29	D	2.60
287	JABALPUR	SIHORA	S-NPP	23.45060	80.24620	11/27/2021	13:17:29	D	3.60
288	JABALPUR	SIHORA	S-NPP	23.45240	80.16900	11/27/2021	13:17:29	D	2.60
289	JABALPUR	SIHORA	S-NPP	23.45760	80.22580	11/27/2021	13:17:29	D	4.00
290	JABALPUR	SIHORA	S-NPP	23.48320	80.06300	11/27/2021	13:17:29	D	3.40
291	JABALPUR	SIHORA	AQUA	23.35400	80.07400	11/27/2021	13:26:26	D	8.60
292	JABALPUR	SIHORA	AQUA	23.36900	80.11100	11/27/2021	13:26:26	D	6.10
293	JABALPUR	SIHORA	AQUA	23.37000	80.12100	11/27/2021	13:26:26	D	6.20
294	JABALPUR	SIHORA	AQUA	23.41700	80.06200	11/27/2021	13:26:26	D	6.80

295	JABALPUR	SIHORA	AQUA	23.43400	80.24000	11/27/2021	13:26:26	D	5.70
296	JABALPUR	SIHORA	AQUA	23.46000	80.10900	11/27/2021	13:26:26	D	6.10
297	KATNI	BAHURIBAND	S-NPP	23.63630	80.06620	11/27/2021	13:17:29	D	4.10
298	KATNI	BAHURIBAND	S-NPP	23.65000	80.06760	11/27/2021	13:17:29	D	6.40
299	KATNI	BAHURIBAND	S-NPP	23.66070	80.09270	11/27/2021	13:17:29	D	4.60
300	KATNI	BAHURIBAND	S-NPP	23.66680	80.09190	11/27/2021	13:17:29	D	1.40
301	KATNI	BAHURIBAND	S-NPP	23.67570	80.10570	11/27/2021	13:17:29	D	4.50
302	KATNI	BAHURIBAND	S-NPP	23.68190	80.12380	11/27/2021	13:17:29	D	1.70
303	KATNI	BAHURIBAND	S-NPP	23.75440	79.99890	11/27/2021	13:17:29	D	3.00
304	KATNI	BAHURIBAND	AQUA	23.64700	80.06400	11/27/2021	13:26:26	D	6.30
305	KATNI	BAHURIBAND	AQUA	23.66000	80.09200	11/27/2021	13:26:26	D	11.50
306	KATNI	BARBARA	S-NPP	23.84480	80.57320	11/27/2021	13:17:29	D	2.00
307	KATNI	BIJERAGHOGARH	AQUA	23.94000	80.80900	11/27/2021	13:26:26	D	7.20
308	MANDLA	BACHHIYA	S-NPP	22.52100	80.43160	11/27/2021	13:17:29	D	3.10
309	MANDLA	MANDLA	S-NPP	22.50870	80.39560	11/27/2021	13:17:29	D	6.90
310	MANDLA	MANDLA	S-NPP	22.51520	80.37150	11/27/2021	13:17:29	D	1.70
311	MANDLA	MANDLA	S-NPP	22.55920	80.37110	11/27/2021	13:17:29	D	4.20
312	MANDLA	MANDLA	S-NPP	22.56080	80.47020	11/27/2021	13:17:29	D	2.40
313	MANDLA	MANDLA	S-NPP	22.56100	80.40520	11/27/2021	13:17:29	D	5.10
314	MANDLA	MANDLA	AQUA	22.50700	80.39400	11/27/2021	13:26:26	D	9.40
315	MANDLA	MANDLA	AQUA	22.55500	80.40600	11/27/2021	13:26:26	D	6.90
316	MANDLA	MANDLA	AQUA	22.64500	80.39400	11/27/2021	13:26:26	D	5.80
317	NARSHIMAPURA	GADARWARA	S-NPP	22.76650	78.71960	11/27/2021	13:17:29	D	2.90
318	NARSHIMAPURA	GADARWARA	S-NPP	23.03650	78.98270	11/27/2021	13:17:29	D	4.70
319	NARSHIMAPURA	GOTECAON	S-NPP	22.97020	79.48690	11/27/2021	13:17:29	D	2.40
320	NARSHIMAPURA	GOTECAON	S-NPP	22.97350	79.48630	11/27/2021	13:17:29	D	2.40
321	NARSHIMAPURA	GOTECAON	S-NPP	23.03710	79.52580	11/27/2021	13:17:29	D	2.00
322	NARSHIMAPURA	KARELI	S-NPP	22.85400	79.15520	11/27/2021	13:17:29	D	7.40
323	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.87220	79.22690	11/27/2021	13:17:29	D	10.20
324	PANNA	PAWAI	S-NPP	24.28150	80.21680	11/27/2021	13:17:29	D	3.20
325	RAISEN	BARELI	S-NPP	22.95380	78.00920	11/27/2021	13:17:29	D	3.00
326	RAISEN	BARELI	S-NPP	22.96730	78.10080	11/27/2021	02:07:29	N	0.40
327	RAISEN	BARELI	S-NPP	23.03580	78.10390	11/27/2021	13:17:29	D	2.20

328	RAISEN	BARELI	S-NPP	23.05280	78.24730	11/27/2021	13:17:29	D	1.60
329	RAISEN	BARELI	S-NPP	23.05400	78.18670	11/27/2021	02:07:29	N	0.40
330	RAISEN	GOHARGANJ	S-NPP	23.04630	77.63410	11/27/2021	13:17:29	D	4.90
331	RAISEN	GOHARGANJ	S-NPP	23.05180	77.62490	11/27/2021	13:17:29	D	2.70
332	RAISEN	GOHARGANJ	S-NPP	23.05190	77.62420	11/27/2021	13:17:29	D	2.20
333	RAISEN	GOHARGANJ	S-NPP	23.08700	77.42780	11/27/2021	13:17:29	D	6.80
334	RAISEN	GOHARGANJ	AQUA	23.06900	77.57800	11/27/2021	13:26:26	D	8.90
335	RAISEN	SILVANI	S-NPP	23.20100	78.50790	11/27/2021	13:17:29	D	5.40
336	RAISEN	UDAIPURA	S-NPP	23.09450	78.58500	11/27/2021	13:17:29	D	4.20
337	REWA	GURH	S-NPP	24.53420	81.48550	11/27/2021	13:17:29	D	4.90
338	REWA	HUZUR	S-NPP	24.38690	81.30340	11/27/2021	13:17:29	D	2.60
339	REWA	SIRMAUR	S-NPP	24.68470	81.46830	11/27/2021	13:17:29	D	1.00
340	REWA	TEONTHAR	S-NPP	24.97850	81.79820	11/27/2021	13:17:29	D	3.60
341	REWA	TEONTHAR	S-NPP	24.99760	81.61100	11/27/2021	13:17:29	D	1.60
342	REWA	TEONTHAR	S-NPP	24.99890	81.42440	11/27/2021	13:17:29	D	5.70
343	REWA	TEONTHAR	S-NPP	25.00900	81.49540	11/27/2021	13:17:29	D	4.40
344	REWA	TEONTHAR	AQUA	24.97200	81.53800	11/27/2021	13:26:26	D	4.50
345	SATNA	AMARPATAN	S-NPP	24.24640	80.98480	11/27/2021	13:17:29	D	1.50
346	SATNA	AMARPATAN	S-NPP	24.31780	80.93720	11/27/2021	13:17:29	D	1.40
347	SATNA	AMARPATAN	S-NPP	24.41810	81.18730	11/27/2021	13:17:29	D	1.40
348	SATNA	MAIHAR	S-NPP	24.09560	80.78450	11/27/2021	13:17:29	D	1.80
349	SATNA	MAIHAR	S-NPP	24.21400	80.74080	11/27/2021	13:17:29	D	1.70
350	SATNA	MAIHAR	S-NPP	24.23630	80.86930	11/27/2021	13:17:29	D	1.50
351	SATNA	MAIHAR	S-NPP	24.31540	80.85170	11/27/2021	13:17:29	D	2.90
352	SATNA	MAIHAR	AQUA	24.21700	80.74200	11/27/2021	13:26:26	D	4.50
353	SATNA	MAJHGAWAN	S-NPP	24.78380	81.01030	11/27/2021	13:17:29	D	1.60
354	SATNA	MAJHGAWAN	AQUA	24.84800	80.97600	11/27/2021	13:26:26	D	10.10
355	SATNA	NAGOD	S-NPP	24.45650	80.57330	11/27/2021	13:17:29	D	2.20
356	SATNA	NAGOD	S-NPP	24.48520	80.56050	11/27/2021	13:17:29	D	3.10
357	SATNA	NAGOD	S-NPP	24.51140	80.55580	11/27/2021	13:17:29	D	2.80
358	SATNA	NAGOD	S-NPP	24.63000	80.62820	11/27/2021	13:17:29	D	1.90
359	SATNA	NAGOD	S-NPP	24.63600	80.59990	11/27/2021	13:17:29	D	4.30
360	SATNA	NAGOD	S-NPP	24.65530	80.56920	11/27/2021	13:17:29	D	3.80

361	SATNA	RAGURAJNAGAR	S-NPP	24.63460	80.68210	11/27/2021	13:17:29	D	4.60
362	SATNA	RAGURAJNAGAR	S-NPP	24.65610	80.66660	11/27/2021	13:17:29	D	1.90
363	SATNA	RAGURAJNAGAR	S-NPP	24.66430	80.63000	11/27/2021	13:17:29	D	1.90
364	SATNA	RAGURAJNAGAR	S-NPP	24.70020	80.92160	11/27/2021	13:17:29	D	2.20
365	SATNA	RAGURAJNAGAR	S-NPP	24.72030	80.62080	11/27/2021	13:17:29	D	5.90
366	SATNA	RAGURAJNAGAR	S-NPP	24.75090	80.76020	11/27/2021	13:17:29	D	1.30
367	SATNA	RAMNAGAR	S-NPP	24.16160	81.05000	11/27/2021	13:17:29	D	2.80
368	SATNA	RAMPURBAGHLEAN	S-NPP	24.53710	80.98150	11/27/2021	13:17:29	D	2.40
369	SATNA	RAMPURBAGHLEAN	S-NPP	24.59280	81.09000	11/27/2021	13:17:29	D	2.20
370	SATNA	RAMPURBAGHLEAN	S-NPP	24.63670	81.03910	11/27/2021	13:17:29	D	2.30
371	SATNA	UCHAHAR	S-NPP	24.46810	80.76620	11/27/2021	13:17:29	D	2.30
372	SATNA	UCHAHAR	AQUA	24.38600	80.83000	11/27/2021	13:26:26	D	8.10
373	SEHORE	BUDHNI	S-NPP	22.87180	77.98120	11/27/2021	02:07:29	N	0.60
374	SEHORE	BUDHNI	S-NPP	22.87200	77.97980	11/27/2021	02:07:29	N	0.40
375	SEHORE	BUDHNI	S-NPP	22.92260	77.95140	11/27/2021	13:17:29	D	2.80
376	SEONI	GHANSAUR	S-NPP	22.45340	79.77590	11/27/2021	13:17:29	D	1.10
377	SEONI	GHANSAUR	S-NPP	22.76390	80.20470	11/27/2021	13:17:29	D	3.30
378	SEONI	SEONI	S-NPP	22.05400	79.39730	11/27/2021	13:17:29	D	2.10
379	SEONI	SEONI	S-NPP	22.22790	79.52630	11/27/2021	13:17:29	D	3.30
380	SHEOPUR	SHEOPUR	S-NPP	25.45120	76.61600	11/27/2021	13:17:29	D	2.80
381	SHEOPUR	VIJAYPUR	S-NPP	26.03320	76.94350	11/27/2021	13:17:29	D	2.10
382	SHIVPURI	NARWAR	S-NPP	25.56970	78.09100	11/27/2021	13:17:29	D	3.20
383	SHIVPURI	NARWAR	S-NPP	25.59980	78.23260	11/27/2021	13:17:29	D	1.90
384	SHIVPURI	NARWAR	S-NPP	25.60140	78.28530	11/27/2021	13:17:29	D	2.90
385	SHIVPURI	NARWAR	S-NPP	25.60860	78.22270	11/27/2021	13:17:29	D	3.40
386	SHIVPURI	NARWAR	S-NPP	25.60910	78.24710	11/27/2021	13:17:29	D	1.60
387	SHIVPURI	NARWAR	S-NPP	25.61980	78.24910	11/27/2021	13:17:29	D	1.80
388	SHIVPURI	NARWAR	S-NPP	25.68390	78.18760	11/27/2021	13:17:29	D	3.20
389	SHIVPURI	NARWAR	S-NPP	25.70060	78.09830	11/27/2021	13:17:29	D	3.30
390	SHIVPURI	NARWAR	S-NPP	25.70120	78.10220	11/27/2021	13:17:29	D	3.30
391	SHIVPURI	NARWAR	S-NPP	25.70810	78.08030	11/27/2021	13:17:29	D	3.70
392	SHIVPURI	NARWAR	S-NPP	25.71410	78.09560	11/27/2021	13:17:29	D	4.20
393	SHIVPURI	NARWAR	S-NPP	25.71730	78.11550	11/27/2021	13:17:29	D	6.20

394	SHIVPURI	NARWAR	AQUA	25.61200	78.25400	11/27/2021	13:26:26	D	6.20
395	SHIVPURI	NARWAR	AQUA	25.70000	78.09600	11/27/2021	13:26:26	D	9.60
396	SHIVPURI	NARWAR	AQUA	25.71300	78.03100	11/27/2021	13:26:26	D	19.80
397	SIDHI	CHORHAT	AQUA	24.44500	81.65200	11/27/2021	13:26:26	D	8.90
398	UMARIA	BANDHOGARH	AQUA	23.67700	80.70300	11/27/2021	13:26:26	D	7.40
399	VIDESHA	BASODA	S-NPP	23.92570	78.04020	11/27/2021	13:17:29	D	6.20
400	VIDESHA	BASODA	AQUA	23.94000	77.98700	11/27/2021	13:26:26	D	4.80
401	VIDESHA	GYARASPUR	S-NPP	23.49040	78.05610	11/27/2021	13:17:29	D	2.30
402	VIDESHA	KORWAI	S-NPP	24.00330	78.00420	11/27/2021	13:17:29	D	0.90
403	VIDESHA	KORWAI	S-NPP	24.00600	78.17850	11/27/2021	02:07:29	N	0.50
404	VIDESHA	NATERAN	S-NPP	23.89330	77.67710	11/27/2021	13:17:29	D	14.70
405	VIDESHA	NATERAN	S-NPP	23.89350	77.78790	11/27/2021	02:07:29	N	0.50
406	VIDESHA	NATERAN	S-NPP	23.91720	77.70850	11/27/2021	02:07:29	N	0.40
407	VIDESHA	NATERAN	S-NPP	23.94800	77.79070	11/27/2021	13:17:29	D	2.80
408	VIDESHA	NATERAN	S-NPP	23.94960	77.79080	11/27/2021	13:17:29	D	2.90
409	VIDESHA	NATERAN	AQUA	23.88700	77.67900	11/27/2021	13:26:26	D	16.50
410	VIDESHA	NATERAN	AQUA	23.88800	77.67300	11/27/2021	13:26:26	D	13.40
411	VIDESHA	SIRANJ	S-NPP	24.04330	77.73380	11/27/2021	13:17:29	D	4.50
412	VIDESHA	SIRANJ	S-NPP	24.04450	77.73000	11/27/2021	13:17:29	D	3.90
413	VIDESHA	SIRANJ	S-NPP	24.04670	77.73310	11/27/2021	13:17:29	D	4.50
414	VIDESHA	SIRANJ	S-NPP	24.04870	77.73340	11/27/2021	13:17:29	D	7.10
415	VIDESHA	VIDESHA	S-NPP	23.57400	77.82370	11/27/2021	13:17:29	D	2.50
416	WEST NIMAR	BARWAH	S-NPP	22.28310	75.88010	11/27/2021	13:17:29	D	2.20

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

S. No.	Satellite Name	Sensor	Resolution (meter)	Day / Night Passes
1.	Suomi NPP	VIIRS	375 / 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

Study Team

ICAR – HQ	Dr S.K. Chaudhari	DDG (AG. ENGG.)	ddgengg@icar.org.in
	Dr S. Bhasker	ADG (NRM)	adgagroandaf@gmail.com
	Dr K.K. Singh	ADG (AG. ENGG.)	kanchansingh044@gmail.com
ICAR - IARI	Dr V.K. Sehgal	Professor & Nodal Scientist	iaricreams@gmail.com
	Dr Rajkumar Dhakar	Scientist	raidhakar.iari@gmail.com
	Mr Mohd Jahangir	Lab Assistant (KRISHI)	mjahangir198@gmail.com
ICAR - ATARI	Dr Rajbir Singh	Director ATARI (Zone-I) Ludhiana	rajbirsingh.zpd@gmail.com
	Dr S.K. Singh	Director ATARI (Zone-II) Jodhpur	sushilsinghiipr@yahoo.co.in
	Dr Atar Singh	Director ATARI (Zone-III) Kanpur	zpdicarkanpur@gmail.com
ICAR - IASRI	Dr Rajender Parsad	Director	rajender.parsad@icar.gov.in

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)
