



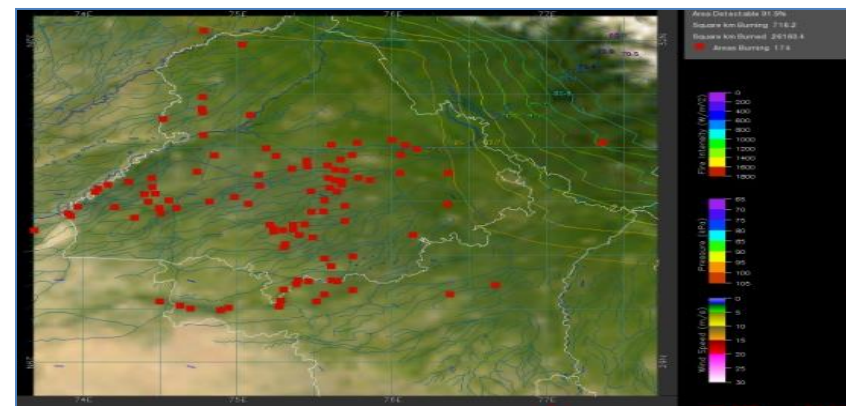
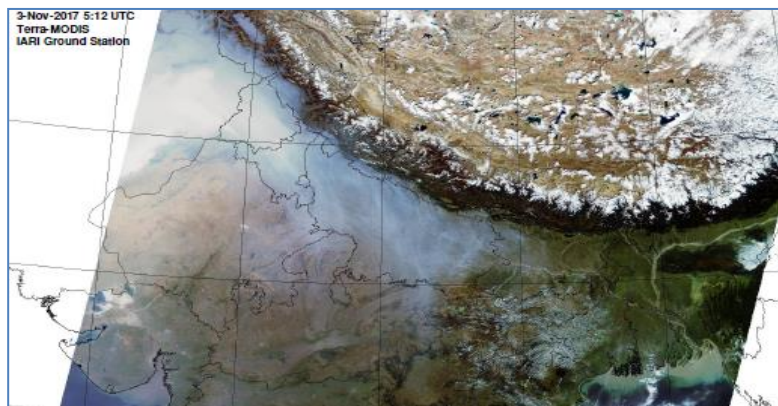
**Bulletin
No. 59**

**Events Date:
12-Nov-2023**

**Issued on:
12-Nov-2023**



MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2023



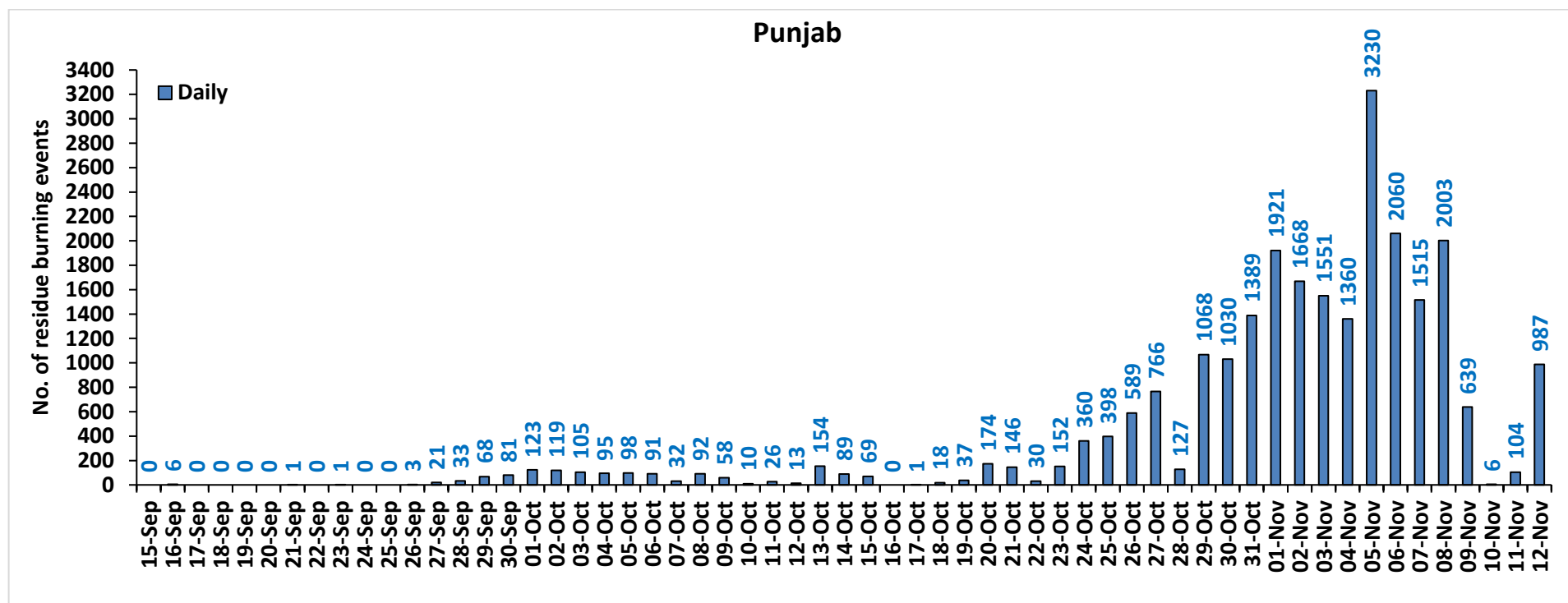
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

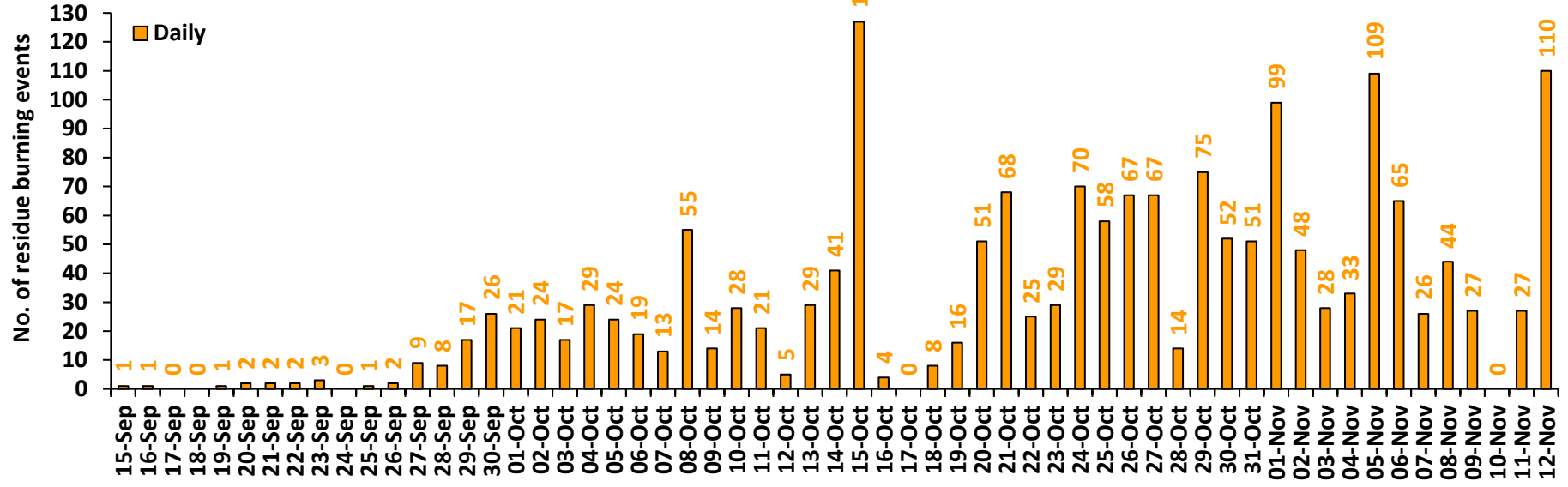
Highlights for 12-Nov-2023

- The active fire events due to rice residue burning were monitored using satellite remote sensing, following the "Standard Protocol for Estimation of Crop Residue Burning Fire Events using Satellite Data".
- Satellites detected **1668** residue burning events in the six study States on 12-Nov-2023.
- The state wise events detected on 12-Nov-2023 were **987** in Punjab, **110** in Haryana, **238** in UP, **00** in Delhi, **33** in Rajasthan and **300** in MP.
- Total **38272** burning events were detected in the six states between 15-Sept-2023 and 12-Nov-2023, which are distributed as **24717**, **1813**, **1806**, **04**, **1253** and **8679** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

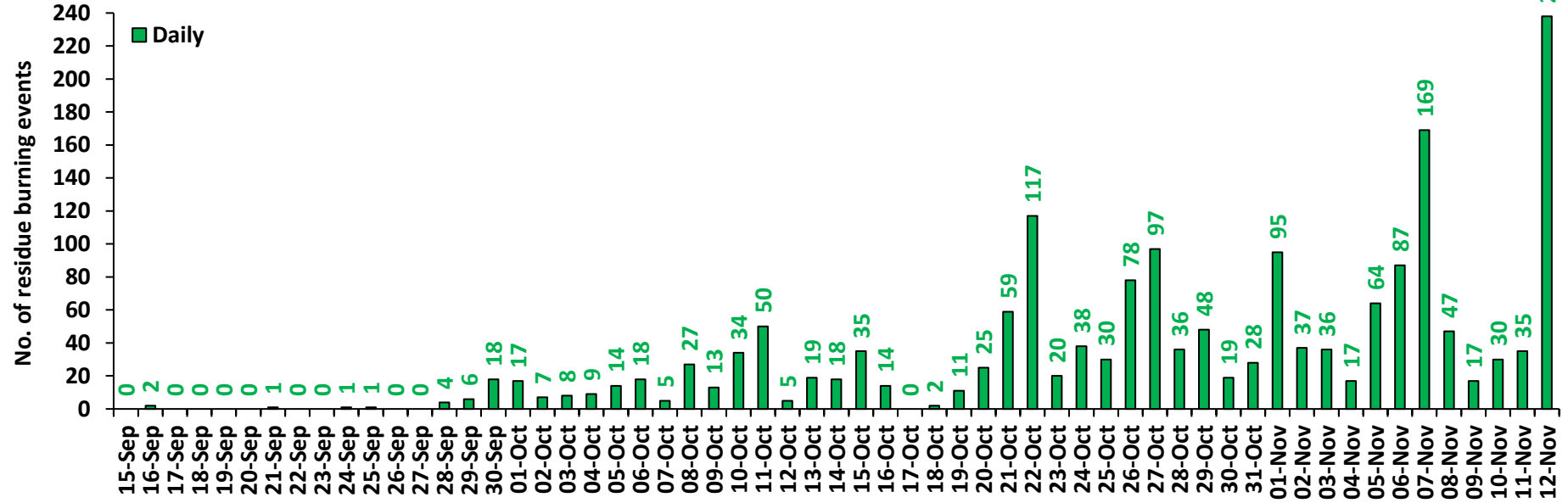
Temporal distribution of rice residue burning events for the study States in 2023



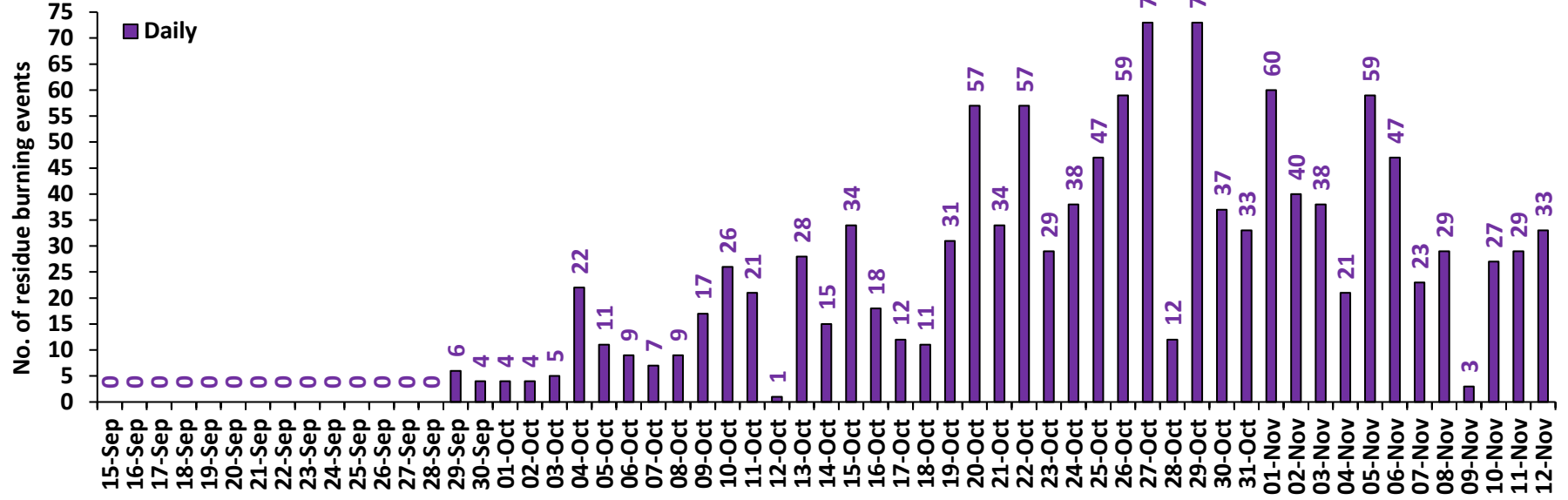
Haryana



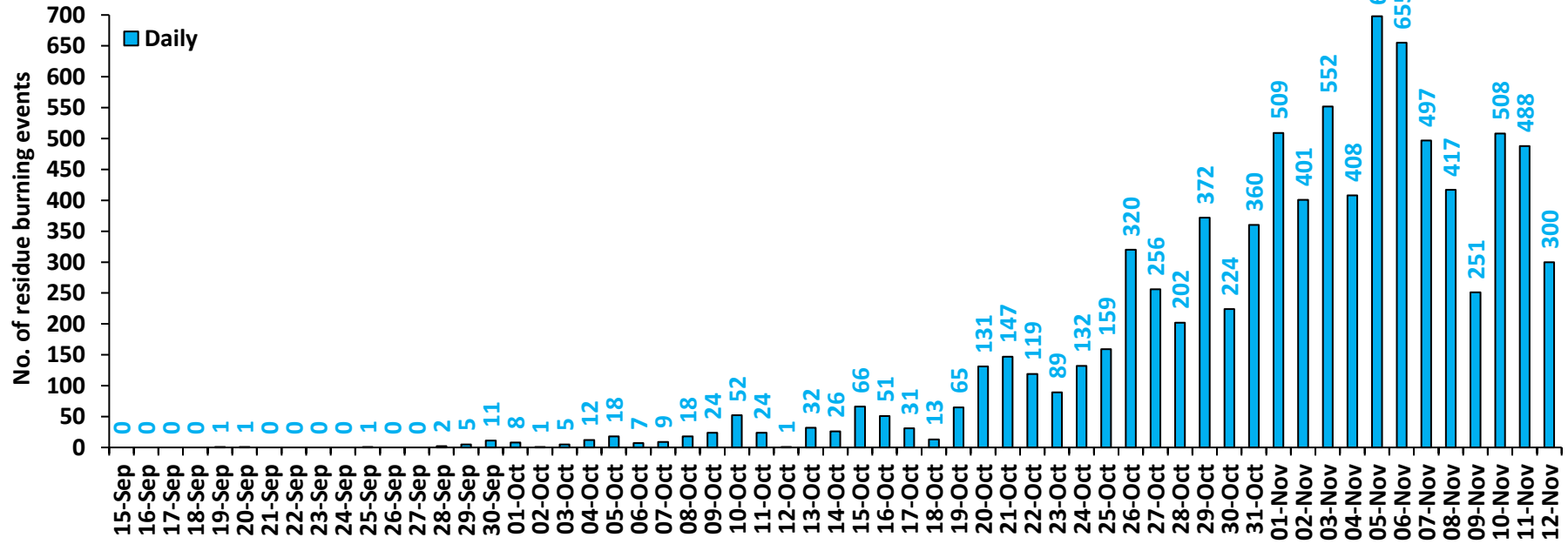
Uttar Pradesh



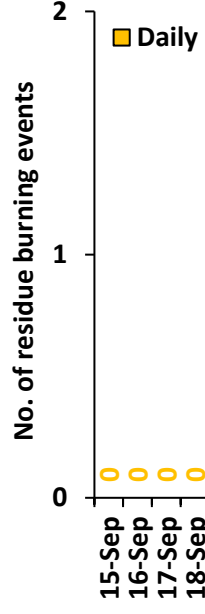
Rajasthan



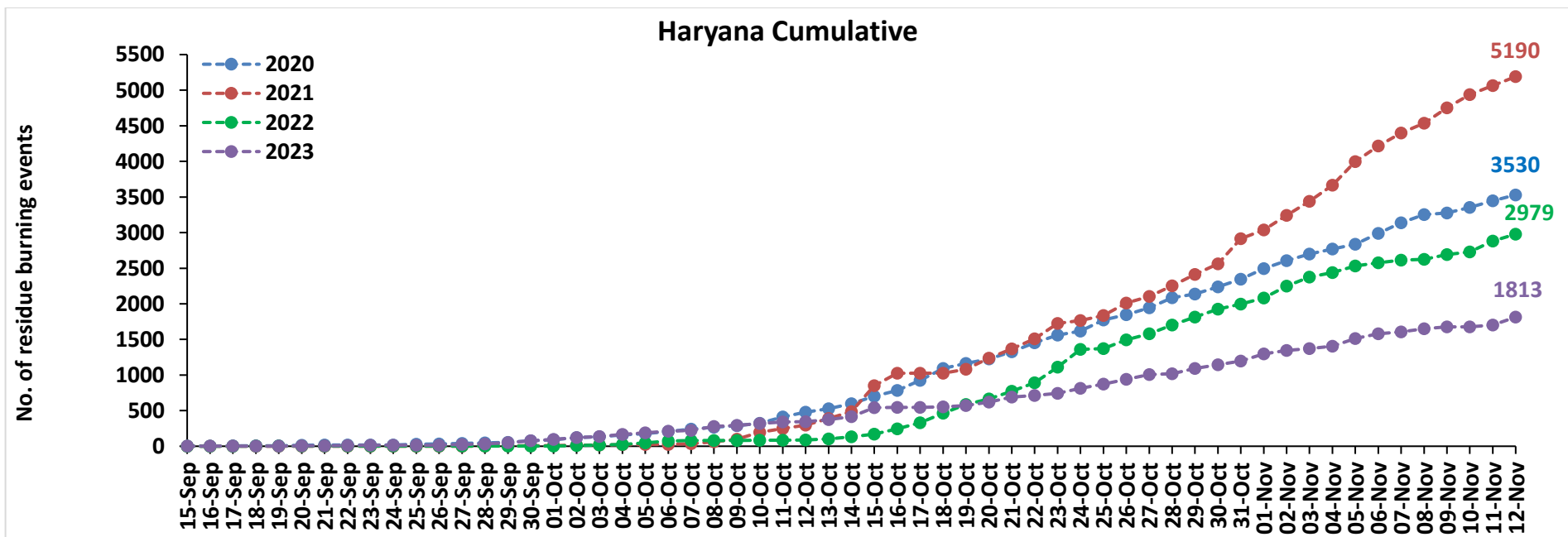
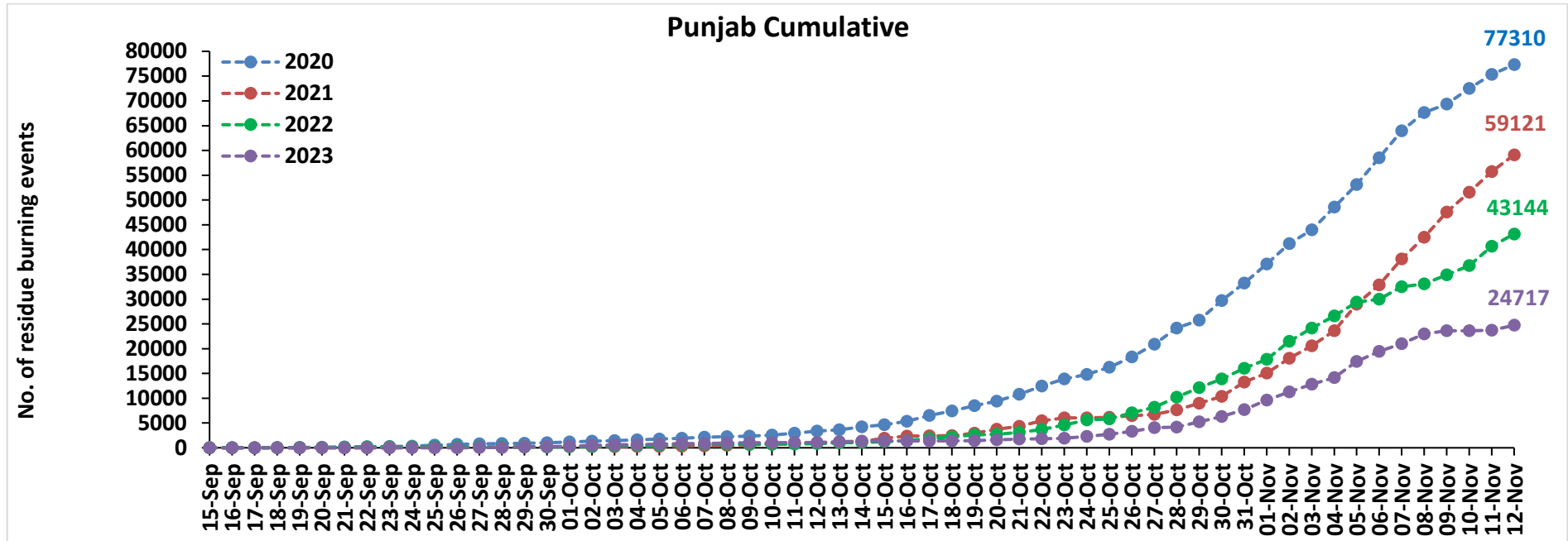
Madhya Pradesh



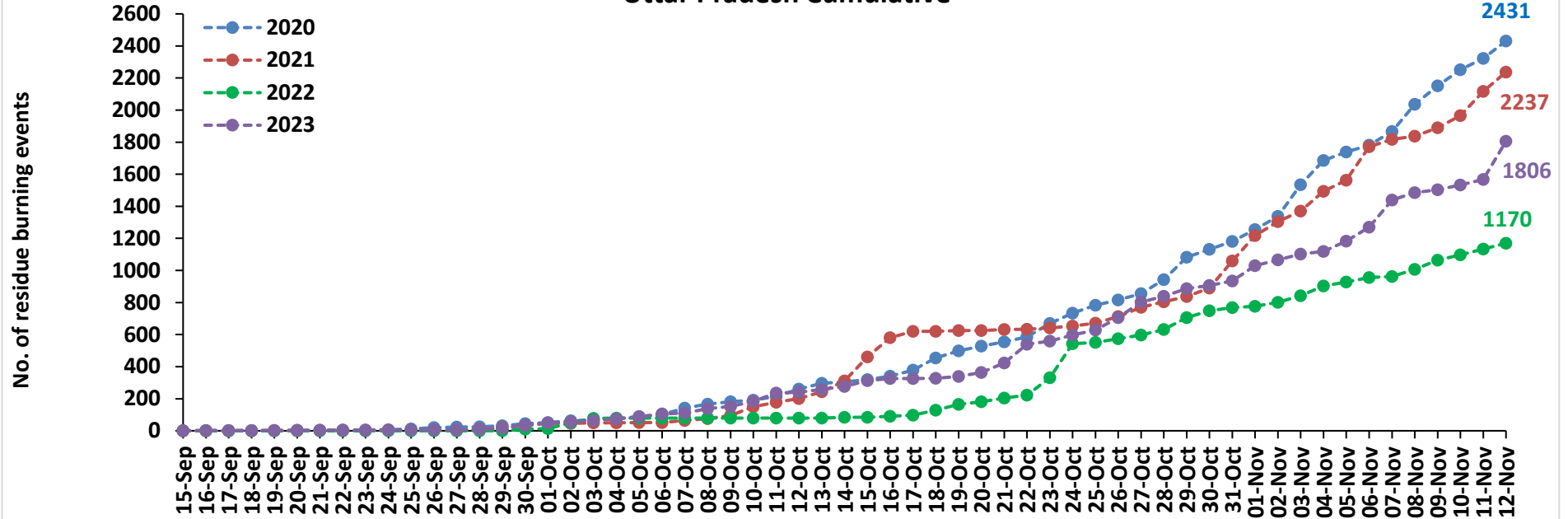
Delhi



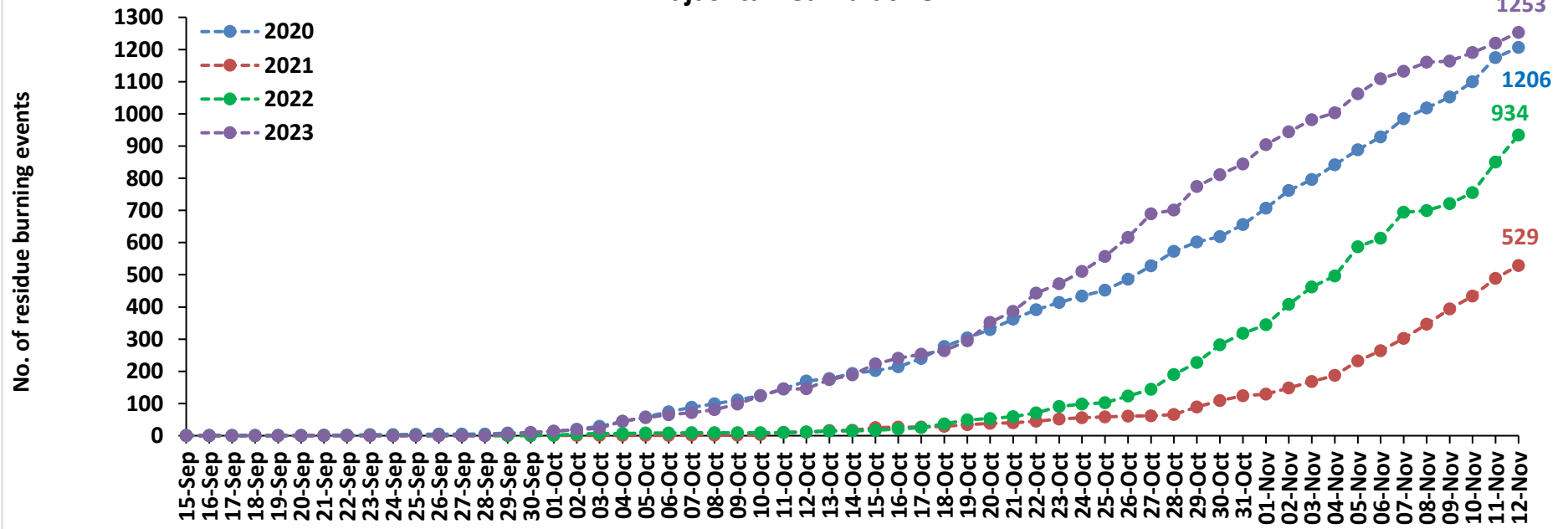
Comparison of residue burning events in current year (2023) with previous years (2020, 2021 and 2022) for the study State



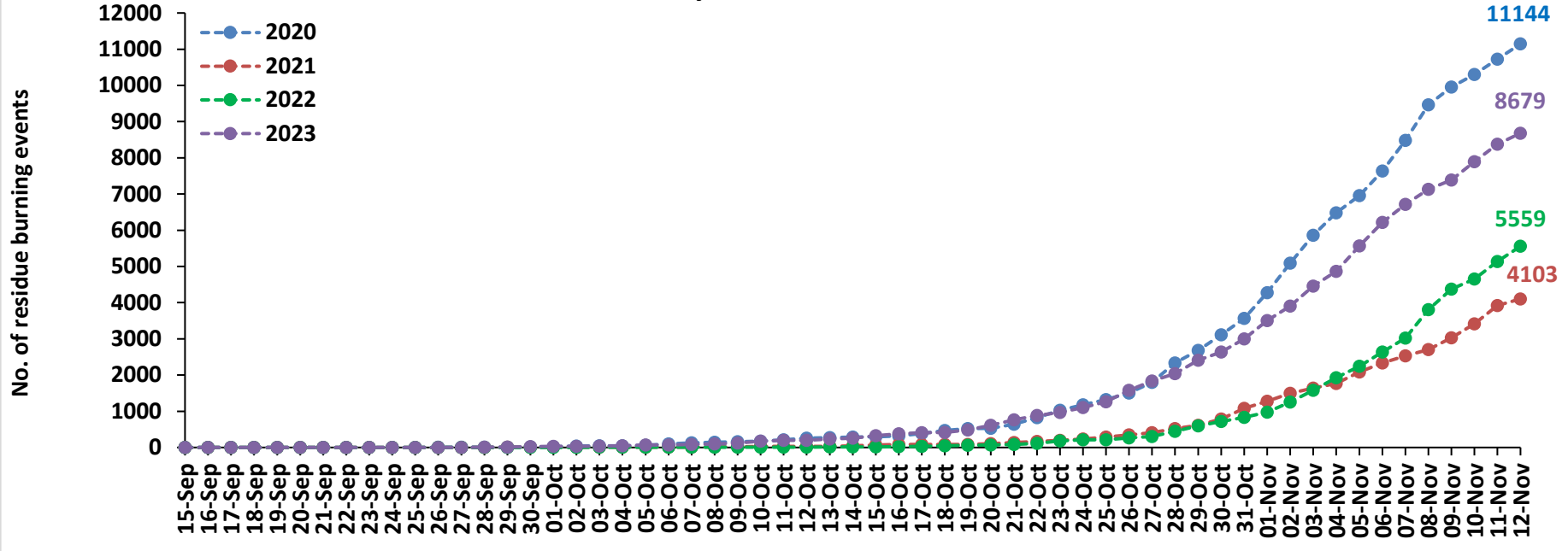
Uttar Pradesh Cumulative



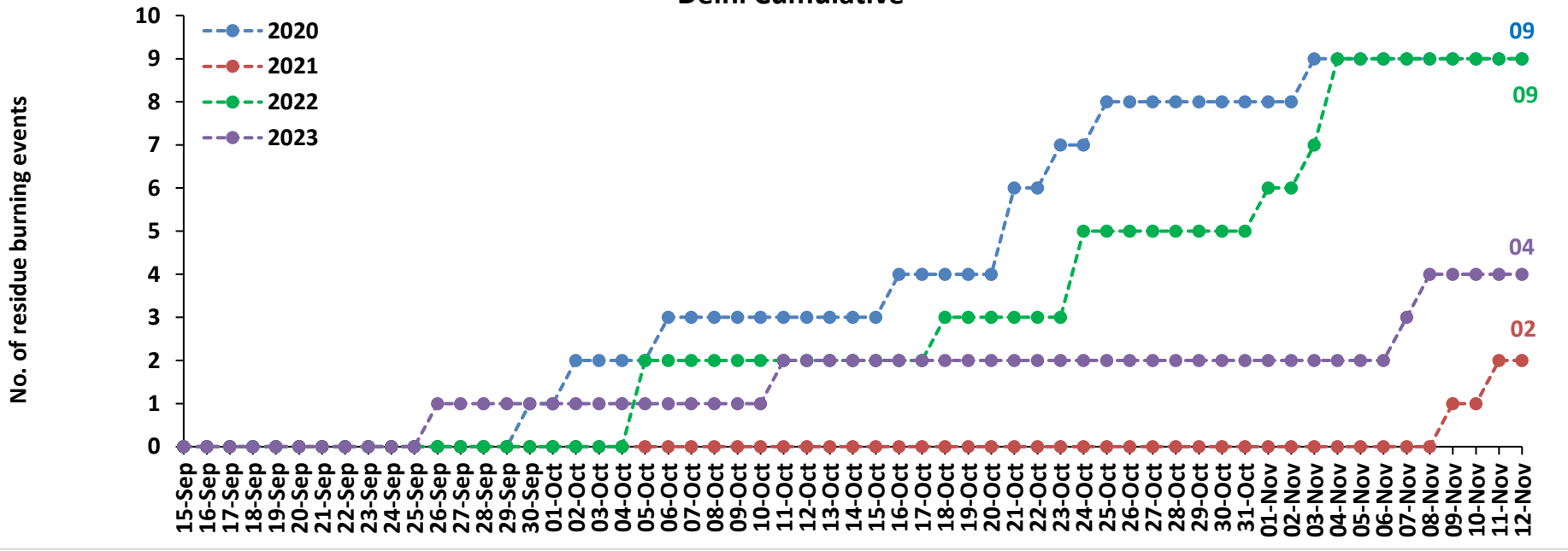
Rajashtan Cumulative



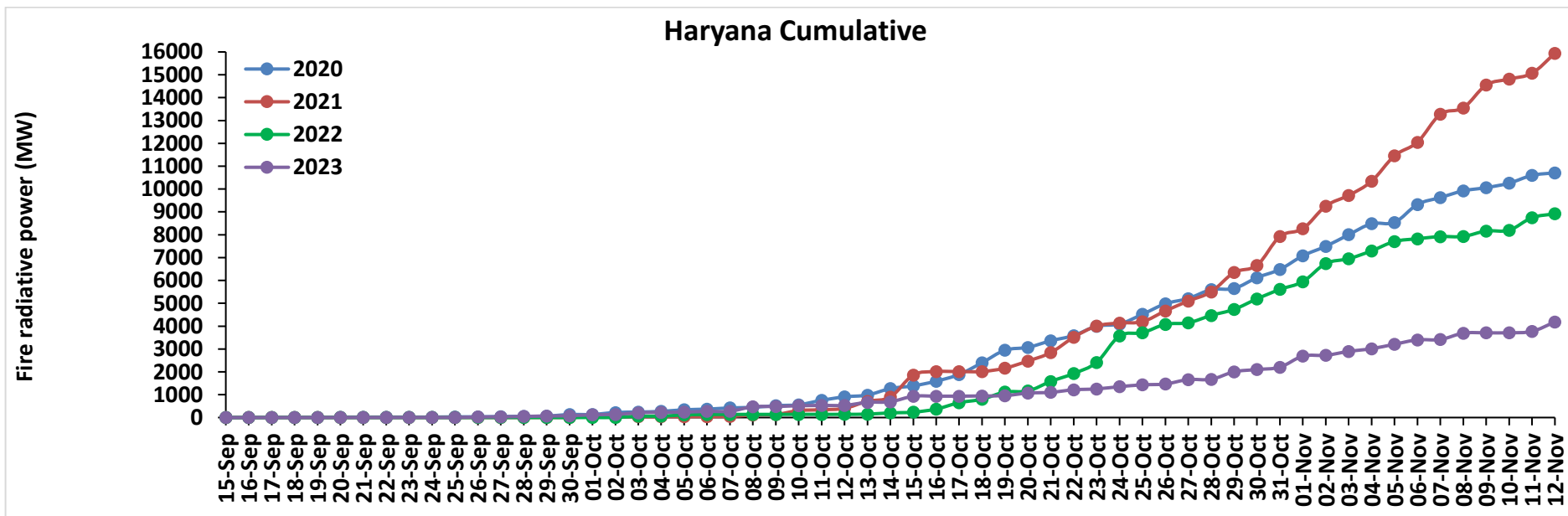
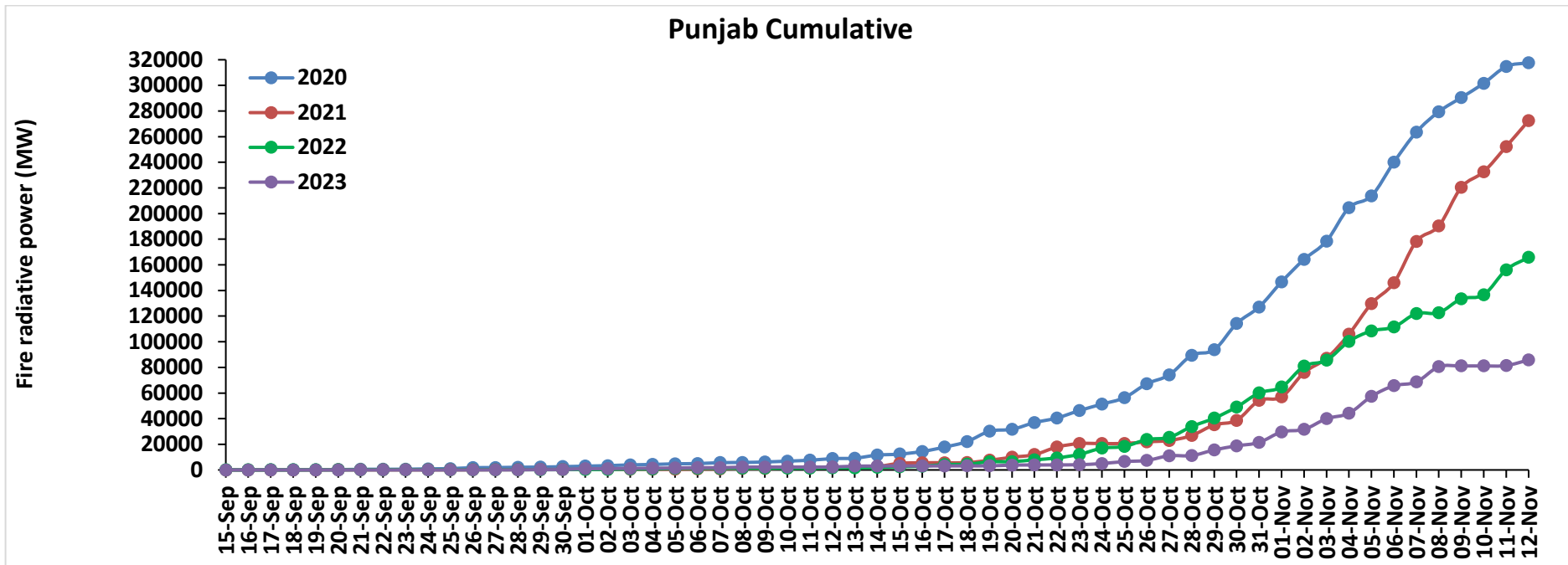
Madhya Pradesh Cumulative



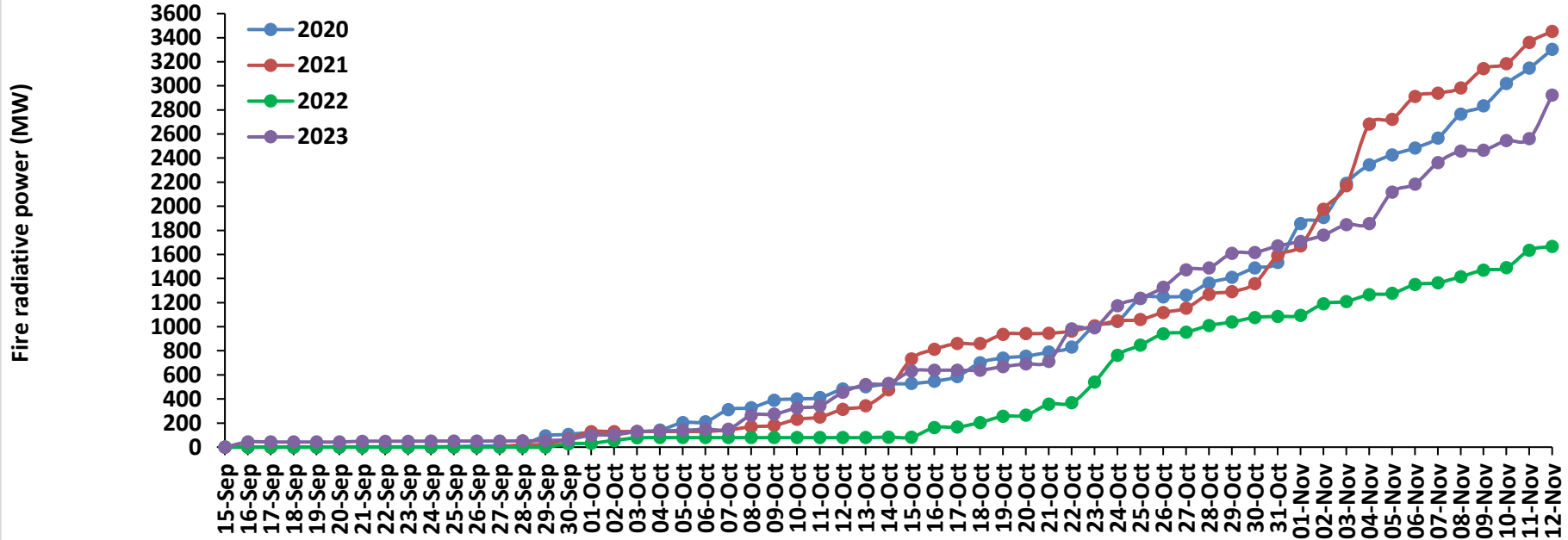
Delhi Cumulative



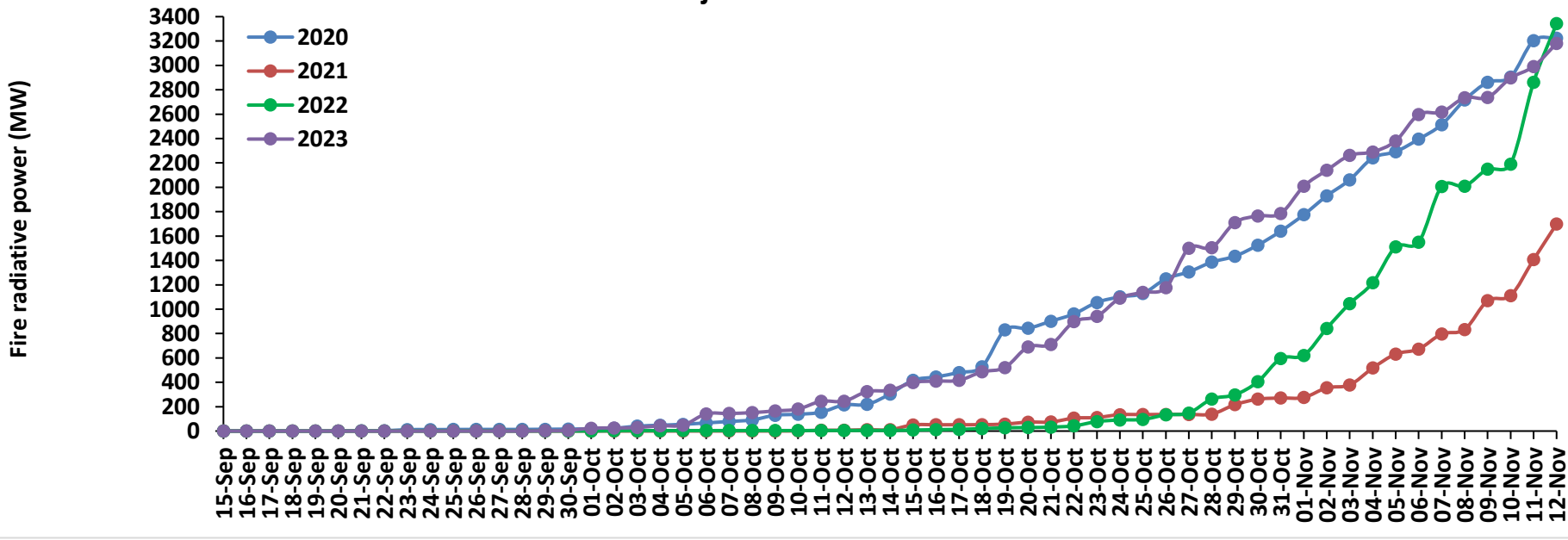
Comparison of residue burning fire power in current year (2023) with previous years (2020, 2021 and 2022) for the study States



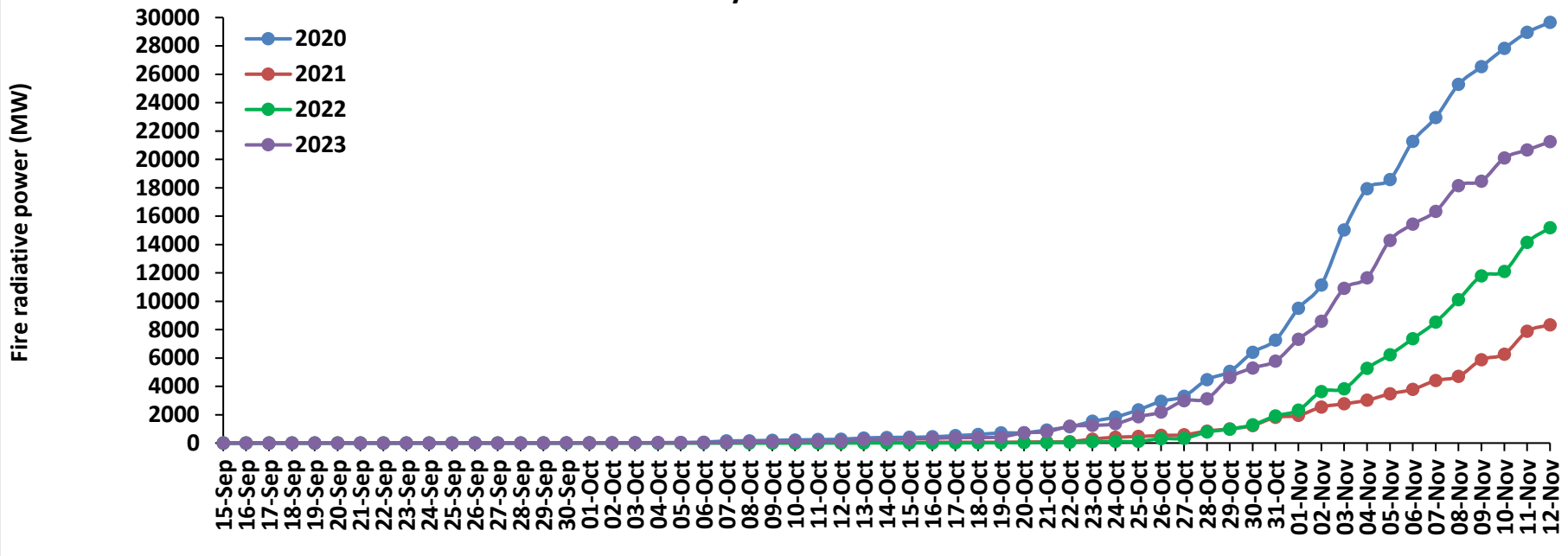
Uttar Pradesh Cumulative



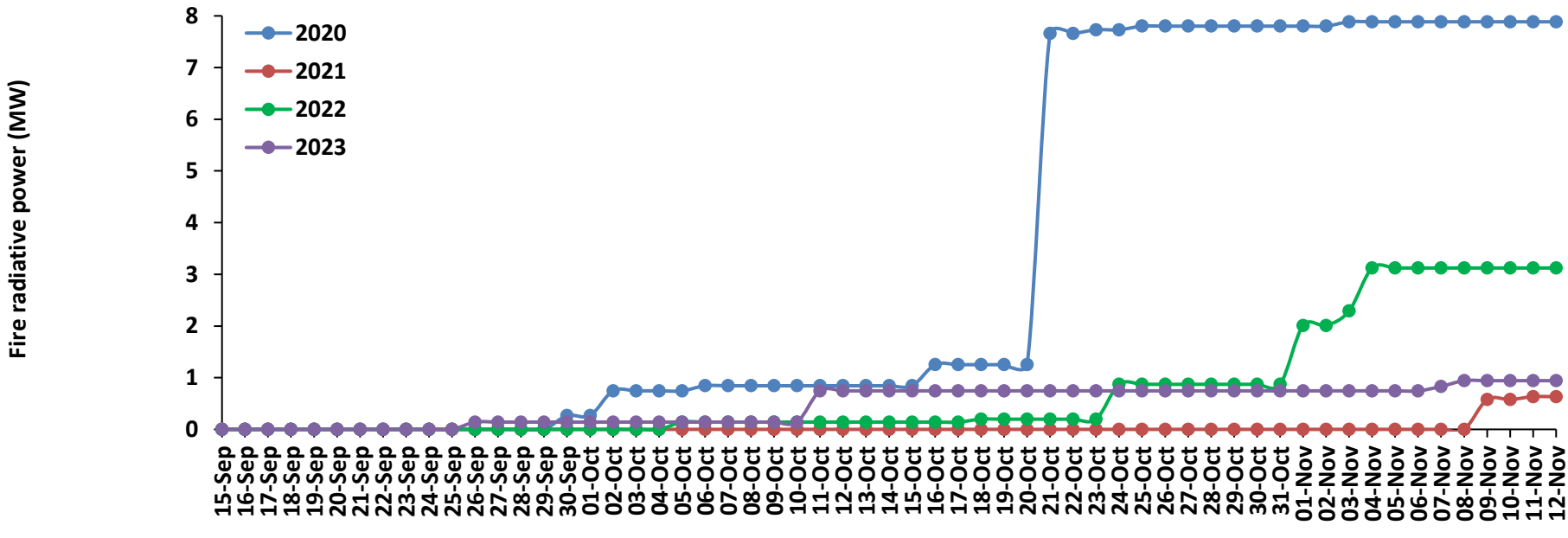
Rajasthan Cumulative



Madhya Pradesh Cumulative

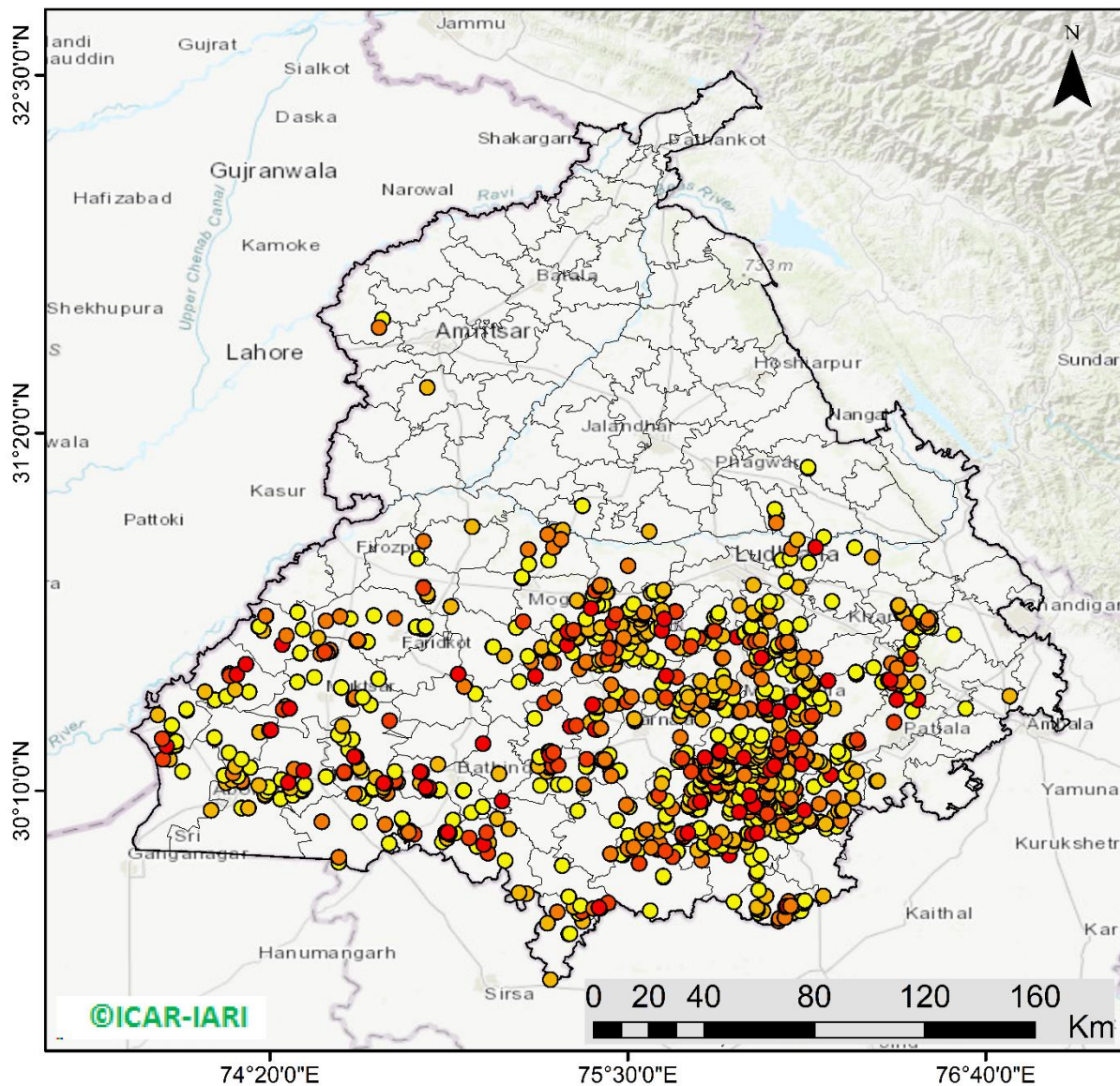


Delhi Cumulative



Punjab

RICE RESIDUE BURNING IN PUNJAB



987 burning events detected in Punjab during (12th Nov 2023)

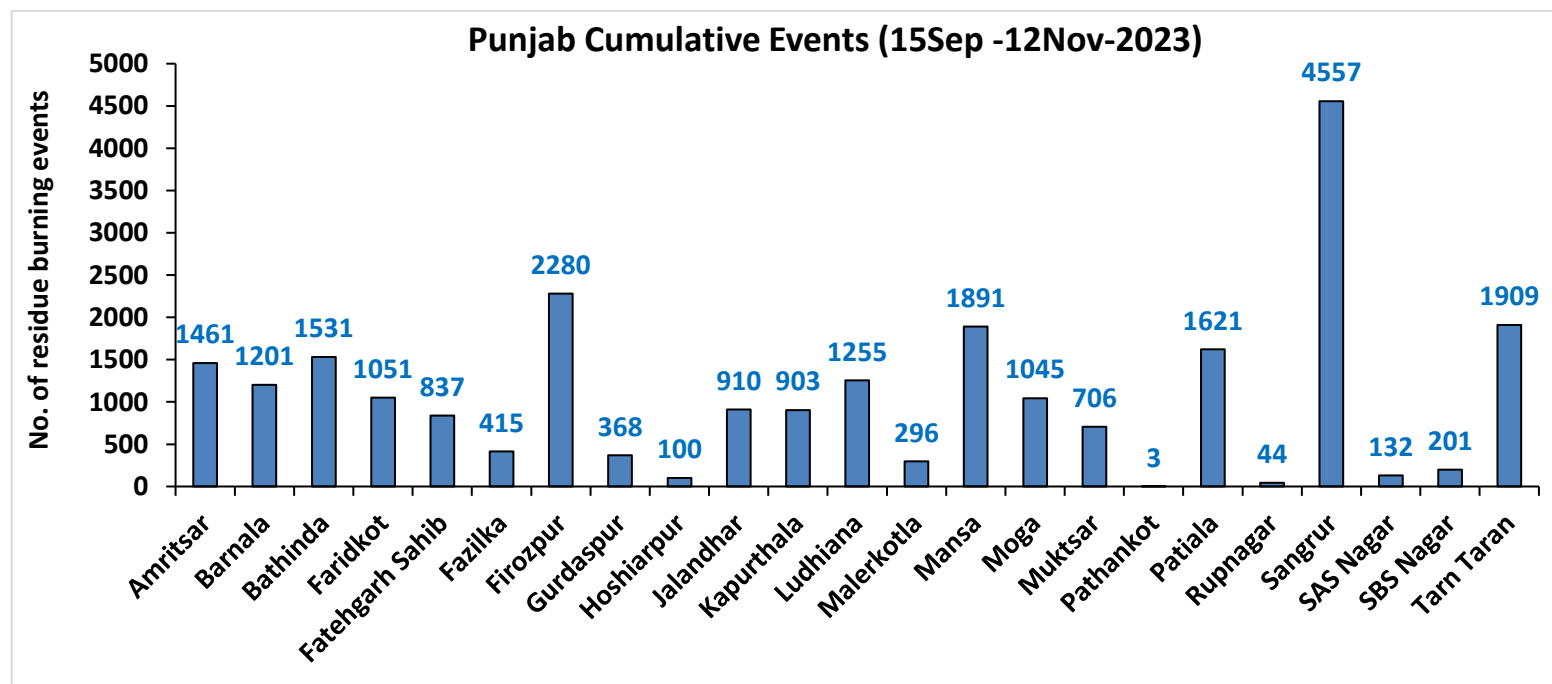
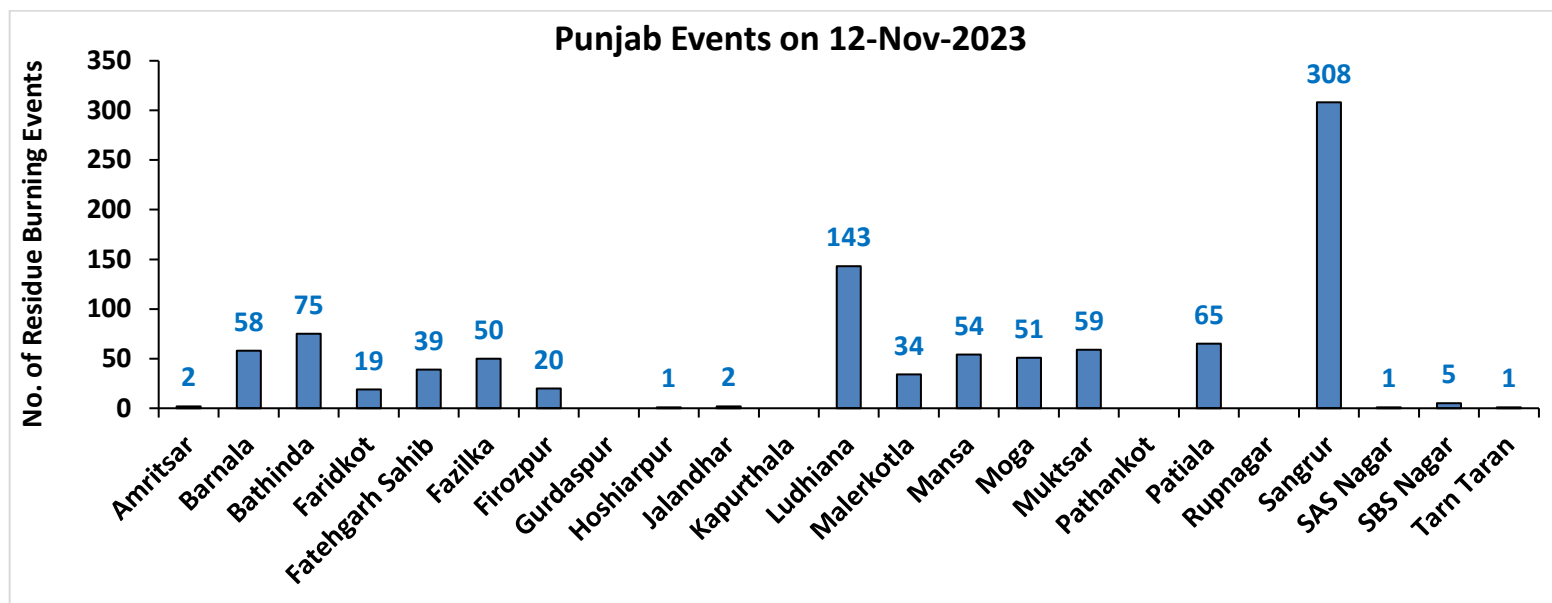
Fire Intensity (W/m²)

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



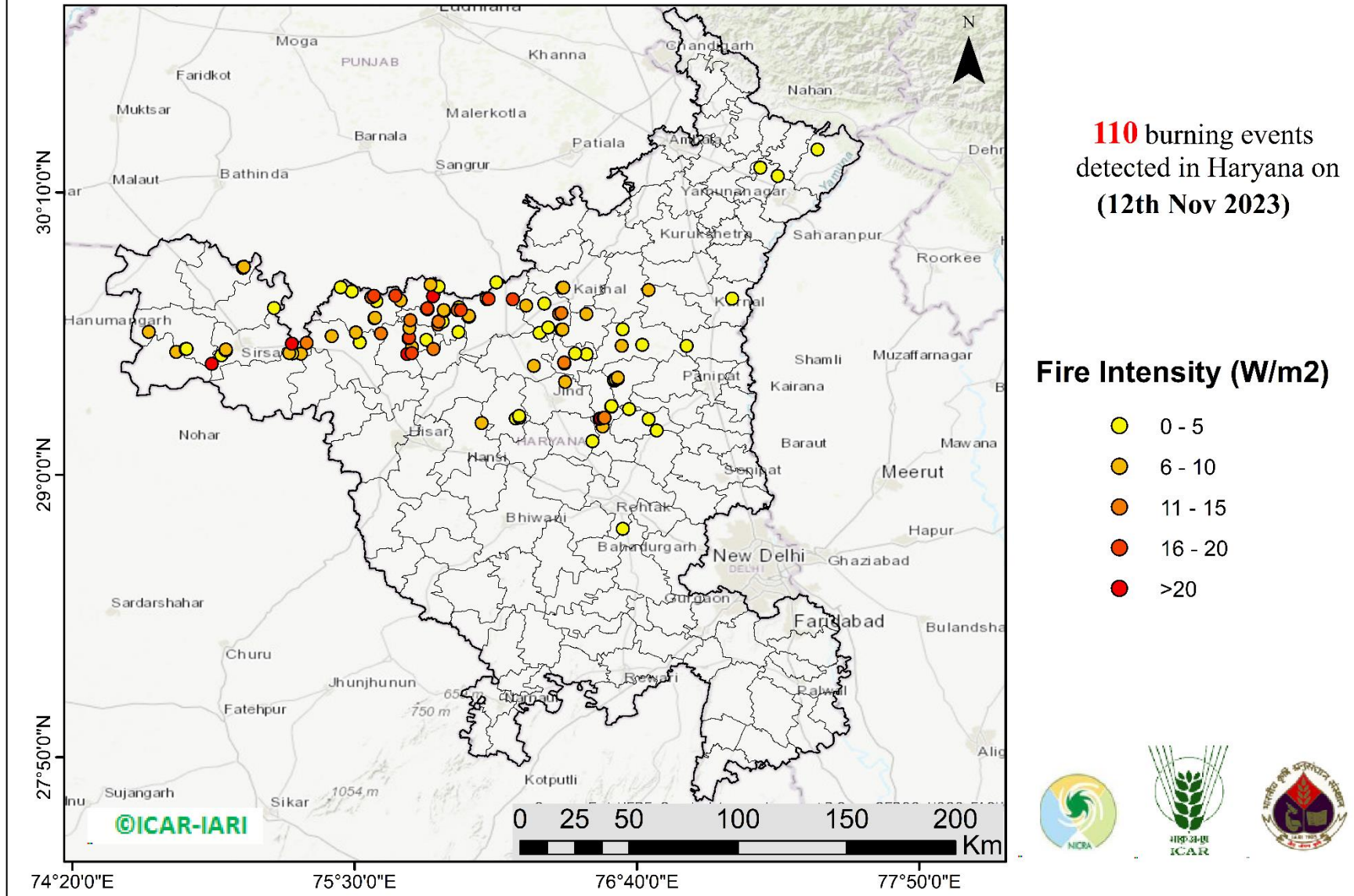
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Punjab (15Sep- 12Nov-2023)



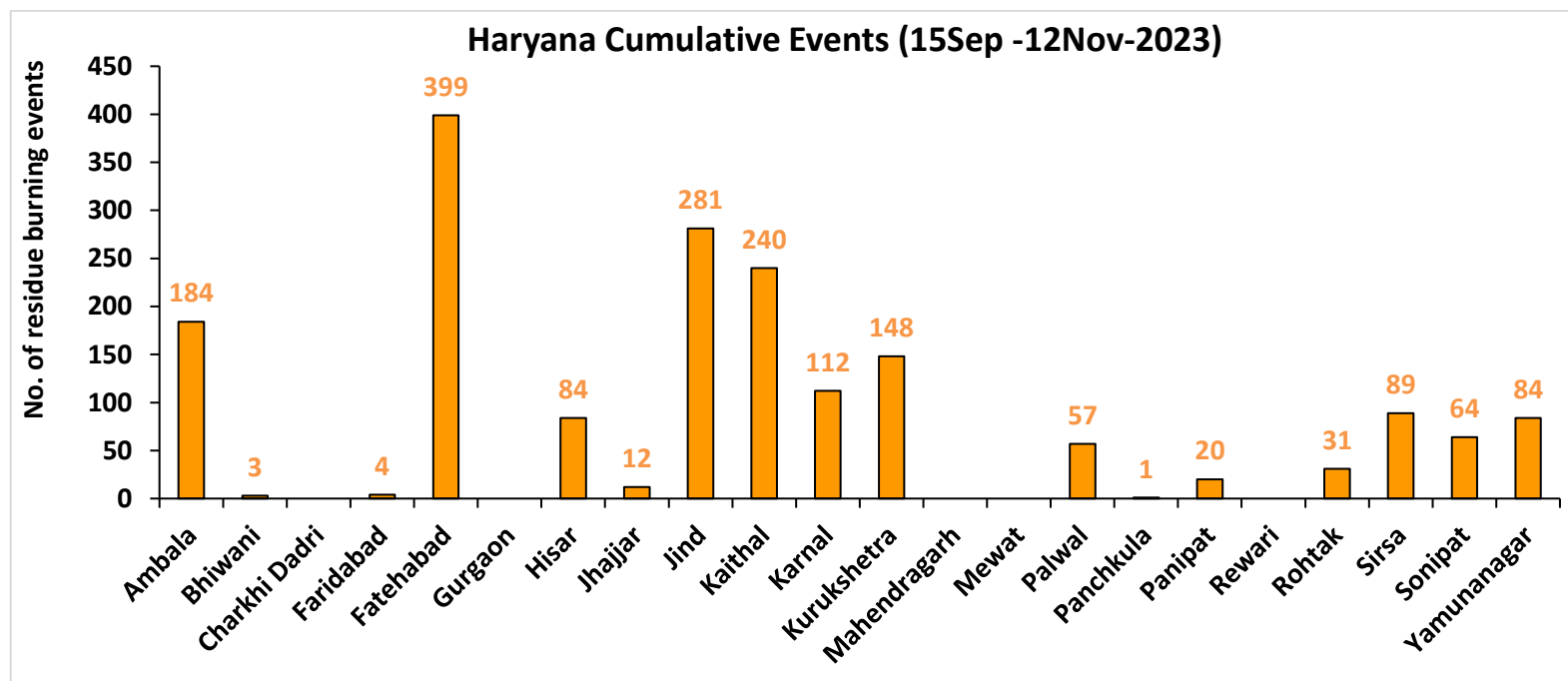
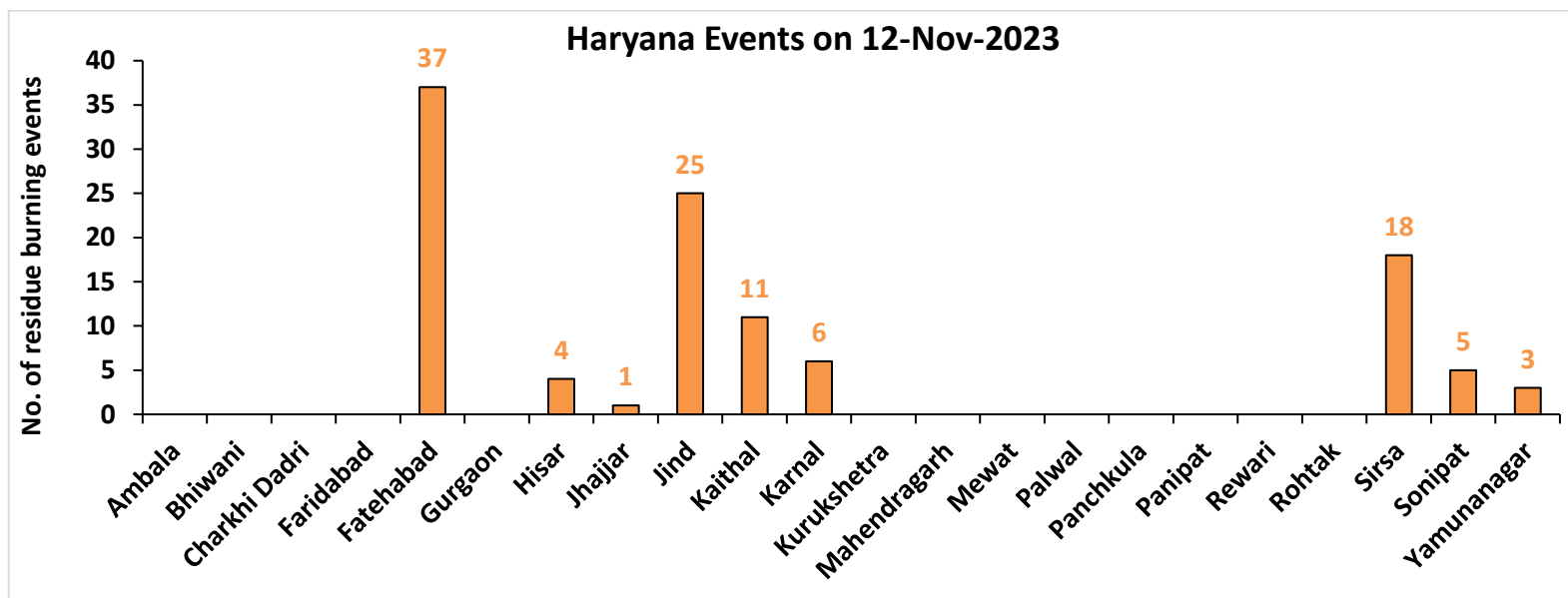
Haryana

RICE RESIDUE BURNING IN HARYANA



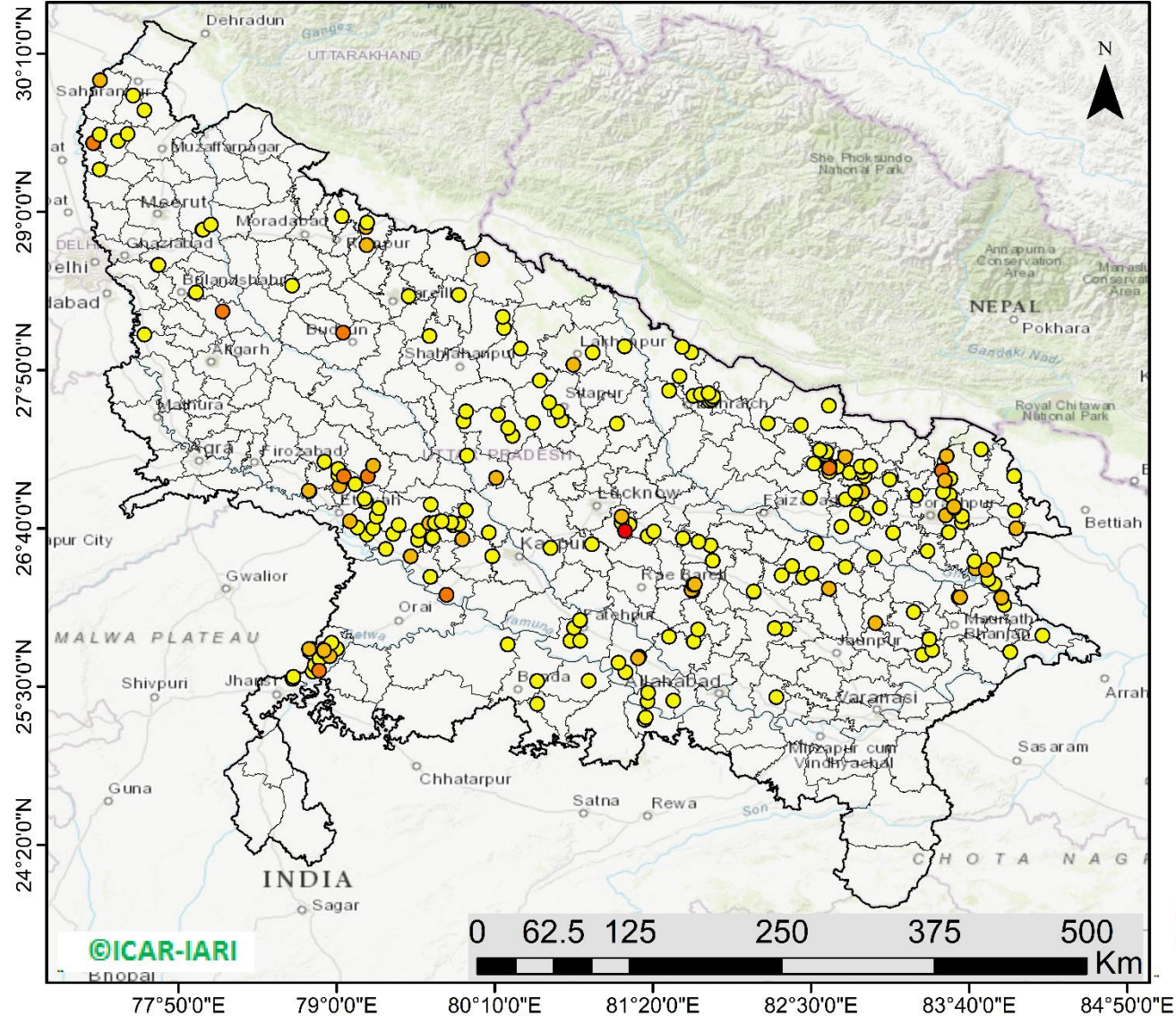
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Haryana (15Sep- 12Nov-2023)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



238 burning events detected in Uttar Pradesh on (12th Nov 2023)

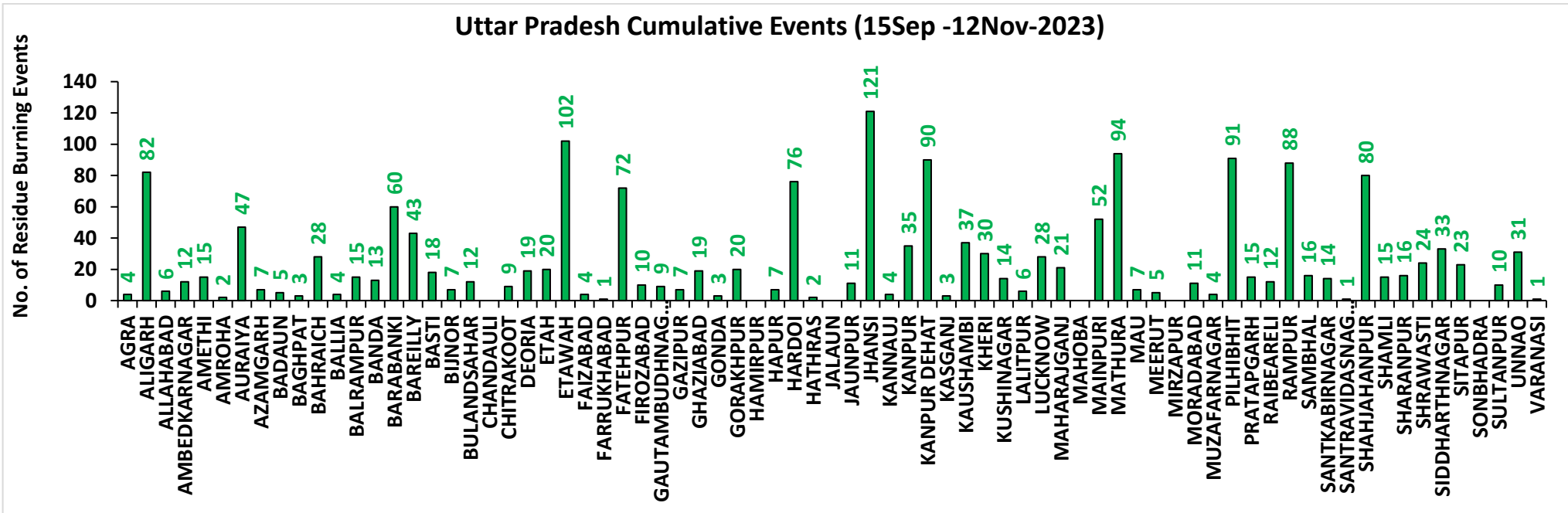
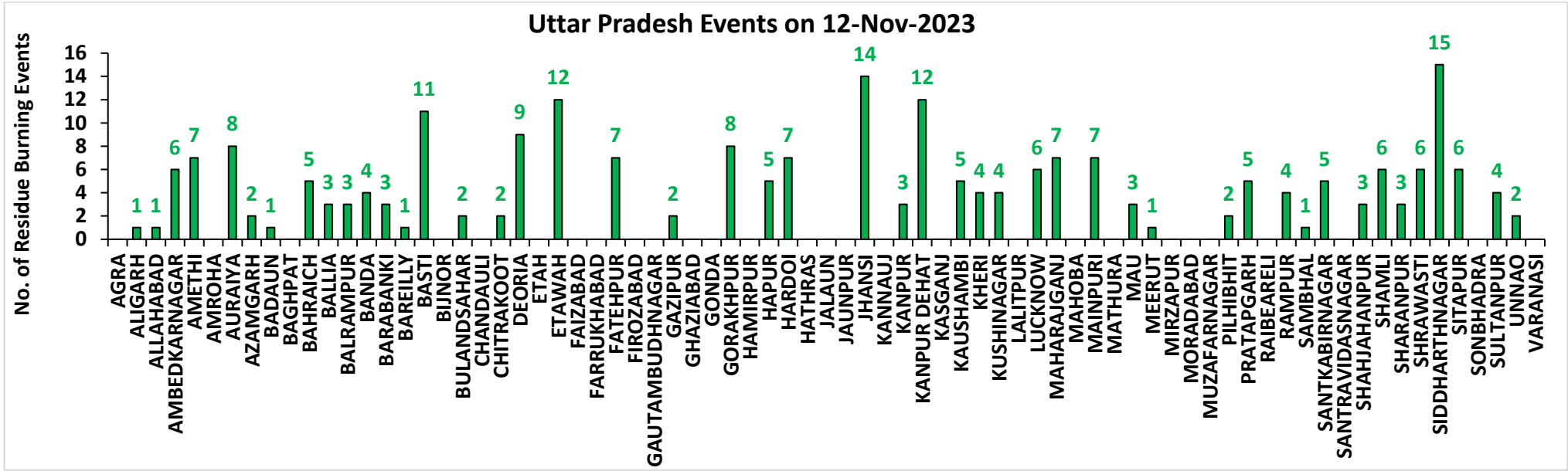
Fire Intensity (W/m²)

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



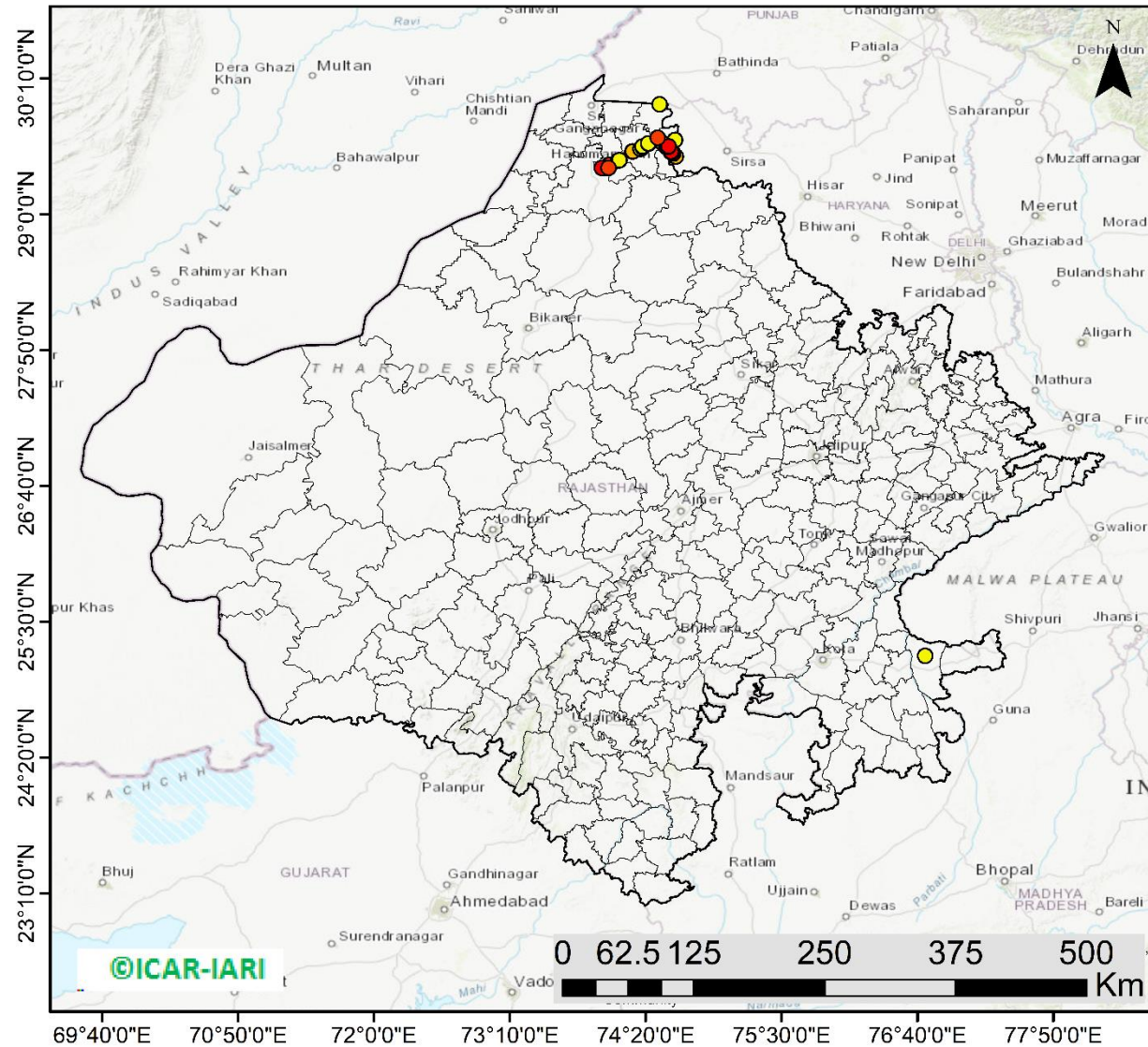
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-12Nov -2023)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



33 burning events
detected in Rajasthan on
(12th Nov 2023)

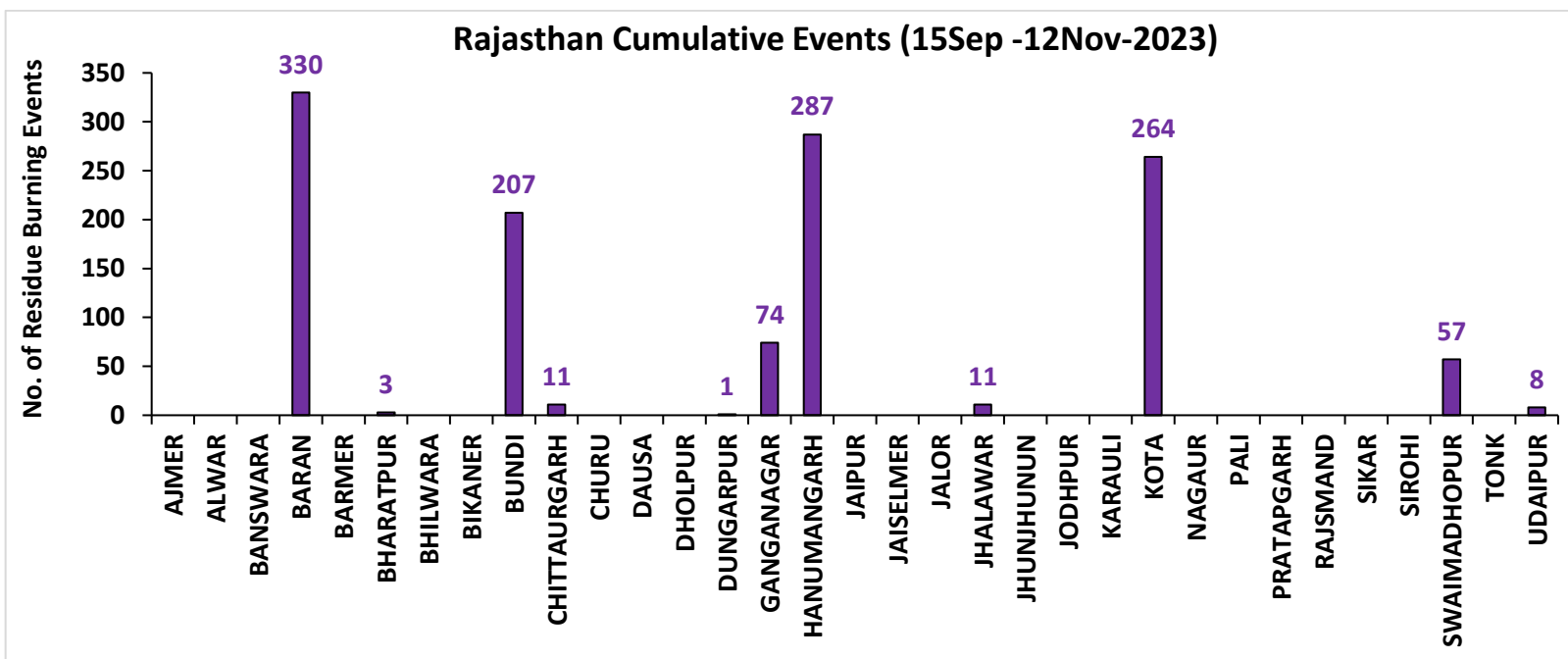
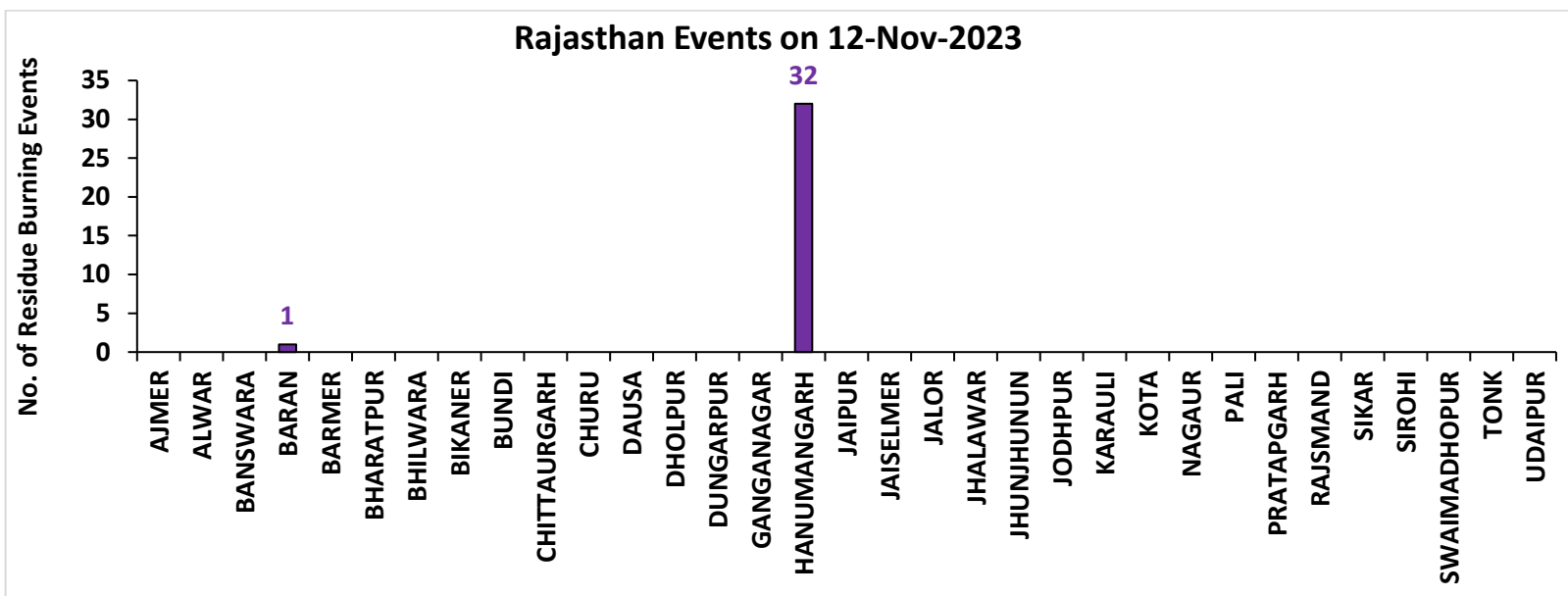
Fire Intensity (W/m²)

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



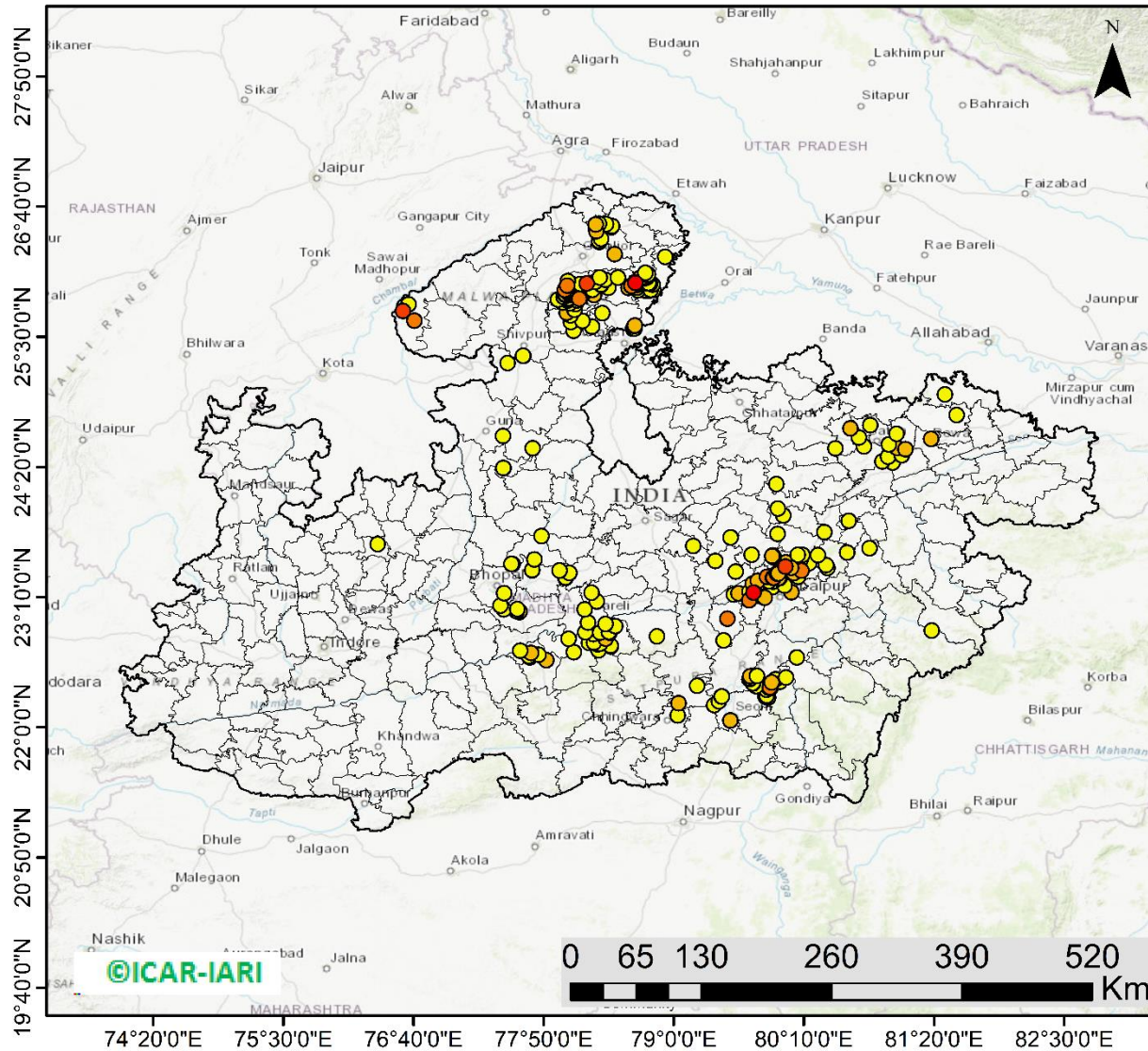
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Rajasthan (15Sep-12Nov -2023)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



300 burning events detected in MP on (12th Nov 2023)

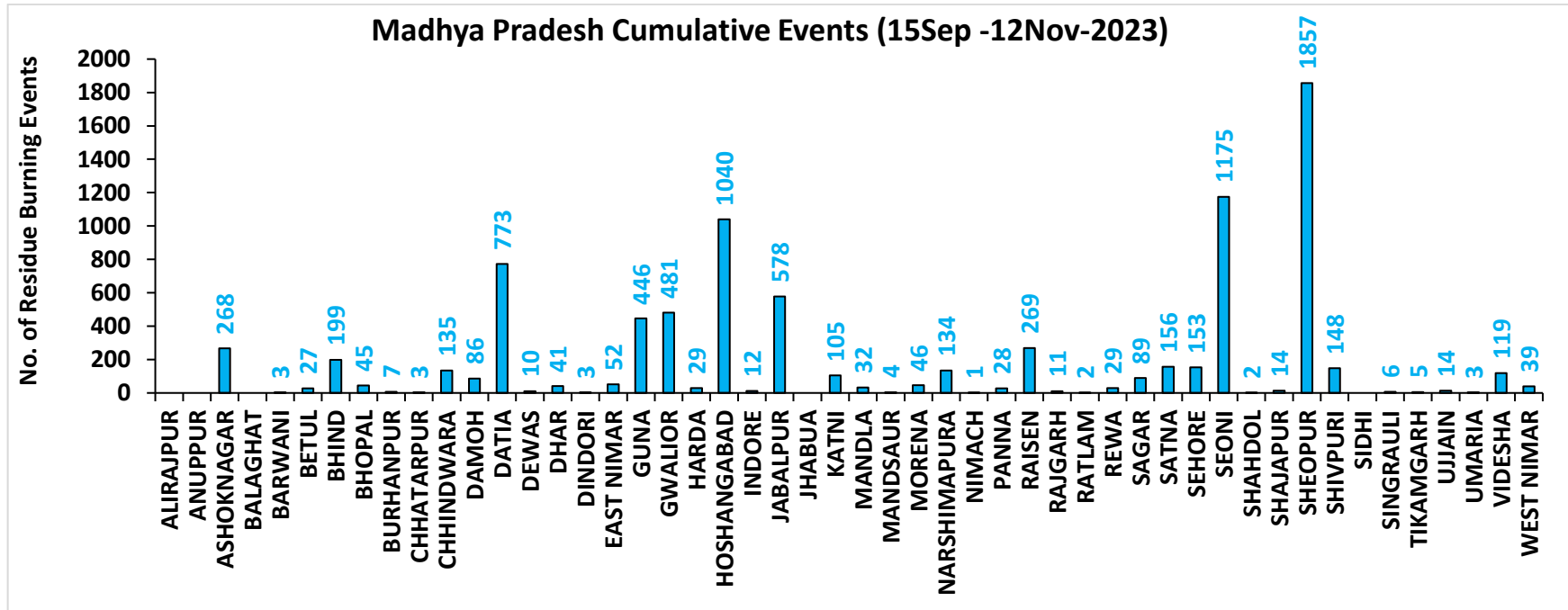
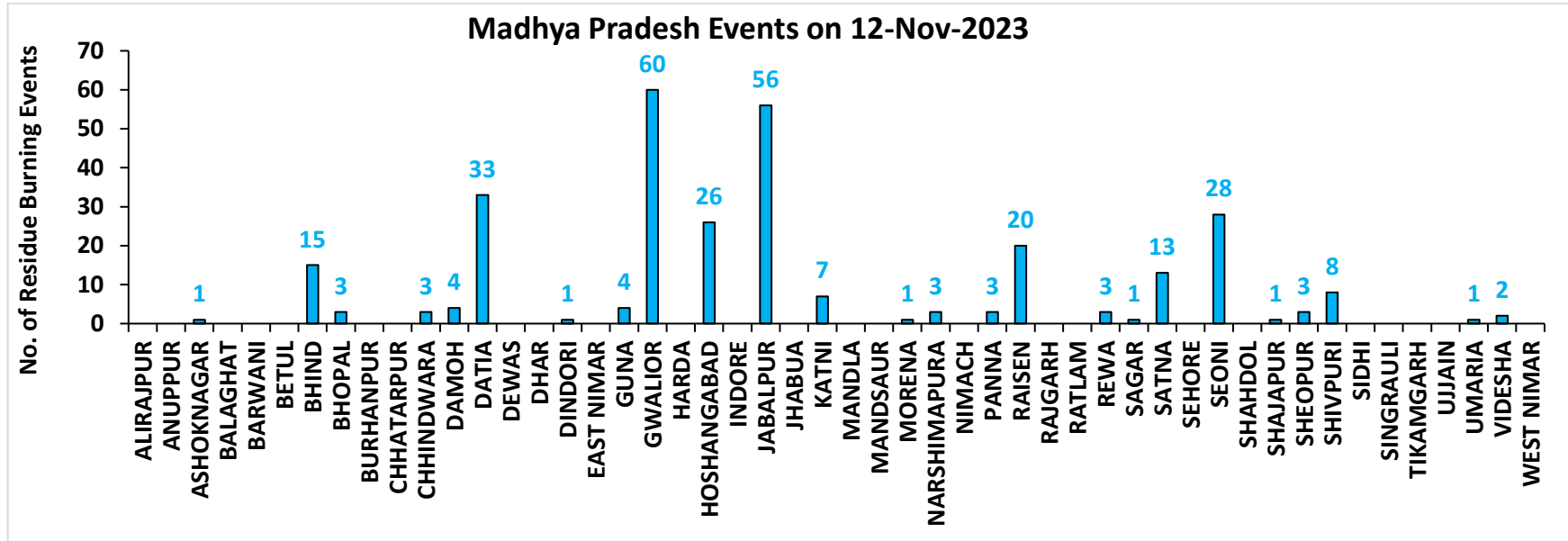
Fire Intensity (W/m2)

- 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 (15Sep-12Nov -2023)



District-wise cumulative number of residues burning events detected in 2020, 2021, 2022 and 2023
(Period: 15 September-12 November)

(a) Punjab

District	15 Sep-12 Nov			
	2020	2021	2022	2023
Amritsar	3042	1998	1508	1461
Barnala	4887	3854	2605	1201
Bathinda	4657	3621	3732	1531
Faridkot	4421	3279	2119	1051
Fatehgarh Sahib	1508	1431	1102	837
Fazilka	1584	1231	1728	415
Firozpur	8111	5263	3979	2280
Gurdaspur	2116	1344	827	368
Hoshiarpur	381	313	247	100
Jalandhar	1890	2241	1280	910
Kapurthala	1866	1713	1240	903
Ludhiana	4702	4934	2199	1255
Malerkotla*	--	--	--	296
Mansa	3466	2307	2412	1891
Moga	6912	5417	2844	1045
Muktsar	4158	3327	2562	706
Pathankot	13	5	0	3
Patiala	6253	4402	3327	1621
Rupnagar	198	268	241	44
Sangrur	11334	7768	5734	4557
SAS NAGAR	127	141	100	132
SBS Nagar	130	305	244	201
Tarn Taran	5554	3959	3114	1909
Total	77310	59121	43144	24717

(b) Haryana

District	15 Sep-12 Nov			
	2020	2021	2022	2023
AMBALA	344	281	212	184
BHIWANI	3	1	2	3
CHARKHI DADRI	0	0	0	0
FARIDABAD	1	3	1	4
FATEHABAD	627	1065	656	399
GURGAON	0	0	0	0
HISAR	45	72	72	84
JHAJJAR	6	0	2	12
JIND	311	579	407	281
KAITHAL	800	1095	614	240
KARNAL	568	876	286	112
KURUKSHETRA	404	527	292	148
MAHENDRAGARH	0	0	0	0
MEWAT	0	0	0	0
PALWAL	45	105	48	57
PANCHKULA	0	0	0	1
PANIPAT	35	133	48	20
REWARI	0	0	0	0
ROHTAK	35	14	7	31
SIRSA	115	202	162	89
SONIPAT	54	94	34	64
YAMUNANAGAR	137	143	136	84
Total	3530	5190	2979	1813

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

Sangrur events in 2023 do not include Malerkotla events.

(c) Uttar Pradesh

District	15 Sep-12 Nov													
	2020	2021	2022	2023	GAUTAMBUDHNAGAR	11	17	10	9	MUZAFARNAGAR	21	13	1	4
AGRA	6	0	0	4	GAZIPUR	3	3	3	7	PILHIBHIT	11	195	118	91
ALIGARH	107	38	40	82	GHAZIABAD	19	7	4	19	PRATAPGARH	22	9	8	15
ALLAHABAD	17	7	4	6	GONDA	11	3	0	3	RAIBEARELI	10	18	8	12
AMBEDKARNAGAR	8	6	2	12	GORAKHPUR	14	10	7	20	RAMPUR	130	168	88	88
AMETHI	3	7	6	15	HAMIRPUR	3	0	0	0	SAMBHAL	10	13	12	16
AMROHA	6	5	0	2	HAPUR	14	5	2	7	SANTKABIRNAGAR	16	10	4	14
AURAIYA	63	22	12	47	HARDOI	77	80	29	76	SANTRAVIDASNAGAR	1	1	2	1
AZAMGARH	15	0	3	7	HATHRAS	0	0	1	2	SHAHJAHANPUR	101	374	270	80
BADAUN	12	15	0	5	JALAUN	21	0	0	0	SHAMLI	33	23	6	15
BAGHPAT	8	7	3	3	JAUNPUR	17	6	6	11	SHARANPUR	81	52	12	16
BAHRAICH	98	40	11	28	JHANSI	146	49	43	121	SHRAWASTI	38	25	6	24
BALLIA	29	5	6	4	KANNAUJ	29	4	1	4	SIDDHARTHANAGAR	39	56	6	33
BALRAMPUR	54	6	3	15	KANPUR	23	27	14	35	SITAPUR	47	36	11	23
BANDA	15	3	1	13	KANPUR DEHAT	55	23	8	90	SONBHADRA	0	0	0	0
BARABANKI	33	54	45	60	KASGANJ	2	2	0	3	SULTANPUR	2	7	3	10
BAREILLY	51	47	29	43	KAUSHAMBI	37	38	16	37	UNNAO	32	19	10	31
BASTI	41	25	4	18	KHERI	105	131	104	30	VARANASI	1	2	0	1
BIJNOR	20	22	2	7	KUSHINAGAR	27	5	3	14	Total	2431	2237	1170	1806
BULANDSAHAR	43	3	12	12	LALITPUR	1	6	3	6					
CHANDAULI	0	0	0	0	LUCKNOW	28	29	6	28					
CHITRAKOOT	10	7	2	9	MAHARAJGANJ	13	31	18	21					
DEORIA	39	2	6	19	MAHOBA	27	0	0	0					
ETAH	16	8	4	20	MAINPURI	53	33	14	52					
ETAWAH	52	32	11	102	MATHURA	152	233	29	94					
FAIZABAD	5	4	2	4	MAU	7	3	2	7					
FARRUKHABAD	4	2	1	1	MEERUT	38	13	6	5					
FATEHPUR	99	63	54	72	MIRZAPUR	7	5	2	0					
FIROZABAD	26	15	7	10	MORADABAD	16	8	4	11					

(d) Delhi

District	15 Sep-12 Nov			
	2020	2021	2022	2023
CENTRAL	0	0	0	0
EAST	0	0	0	0
NEW DELHI	0	0	0	0
NORTH	3	2	8	4
NORTH EAST	0	0	0	0
NORTH WEST DELHI	3	0	0	0
SHAHADRA	0	0	0	0
SOUTH	1	0	0	0
SOUTH EAST	0	0	0	0
SOUTH WEST DELHI	0	0	0	0
WEST DELHI	2	0	1	0
Total	9	2	9	4

(e) Rajasthan

District	15 Sep-12 Nov			
	2020	2021	2022	2023
AJMER	3	0	0	0
ALWAR	7	0	0	0
BANSWARA	0	0	0	0
BARAN	164	8	69	330
BARMER	3	0	0	0
BHARATPUR	2	3	1	3
BHILWARA	8	0	0	0
BIKANER	1	0	0	0
BUNDI	124	70	180	207
CHITTAURGARH	1	7	6	11
CHURU	0	0	0	0
DAUSA	1	0	0	0
DHOLPUR	0	0	0	0
DUNGARPUR	0	0	1	1
GANGANAGAR	99	48	76	74
HANUMANGARH	569	316	411	287
JAIPUR	4	0	0	0
JAISELMER	4	0	0	0
JALOR	2	0	0	0
JHALAWAR	5	1	6	11
JHUNJHUNUN	1	0	0	0
JODHPUR	4	0	0	0
KARAULI	1	0	0	0
KOTA	114	48	133	264
NAGAU	2	0	0	0
PALI	6	0	0	0
PRATAPGARH	8	0	0	0
RAJSMAND	1	0	0	0
SIKAR	0	0	0	0
SIROHI	1	0	0	0
SWAIMADHOPUR	65	27	51	57
TONK	5	0	0	0
UDAIPUR	1	1	0	8
Total	1206	529	934	1253

(f) Madhya Pradesh

District	15 Sep-12 Nov								
	2020	2021	2022	2023					
					PANNA	49	13	3	28
ALIRAJPUR	0	0	0	0	RAISEN	502	137	144	269
ANUPPUR	0	0	0	0	RAJGARH	10	2	3	11
ASHOKNAGAR	152	71	148	268	RATLAM	2	4	3	2
BALAGHAT	3	2	0	0	REWA	101	37	14	29
BARWANI	2	0	0	3	SAGAR	28	26	53	89
BETUL	31	13	6	27	SATNA	490	189	70	156
BHIND	232	76	141	199	SEHORE	136	108	134	153
BHOPAL	46	29	18	45	SEONI	1211	855	748	1175
BURHANPUR	11	1	0	7	SHAHDOL	2	0	0	2
CHHATARPUR	7	0	0	3	SHAJAPUR	11	0	0	14
CHHINDWARA	114	48	74	135	SHEOPUR	1696	454	1553	1857
DAMOH	73	48	43	86	SHIVPURI	254	26	56	148
DATIA	1108	246	431	773	SIDHI	3	2	1	0
DEWAS	8	0	0	10	SINGRAULI	0	2	1	6
DHAR	40	0	0	41	TIKAMGARH	4	0	1	5
DINDORI	0	0	0	3	UJJAIN	8	0	0	14
EAST NIMAR	22	6	10	52	UMARIA	5	3	0	3
GUNA	66	7	98	446	VIDESHA	124	64	59	119
GWALIOR	1624	185	421	481	WEST NIMAR	56	9	8	39
HARDA	14	21	9	29	Total	11144	4103	5559	8679
HOSHANGABAD	1023	925	795	1040					
INDORE	4	0	0	12					
JABALPUR	1211	249	255	578					
JHABUA	0	0	0	0					
KATNI	251	41	51	105					
MANDLA	117	79	50	32					
MANDSAUR	12	0	0	4					
MORENA	62	37	23	46					
NARSHIMAPURA	217	88	135	134					
NIMACH	2	0	0	1					

State-wise and date-wise number of paddy residue burning events detected in 2020, 2021, 2022 and 2023
(Period: 15 September-12 November)

Number of Paddy Residue Burning Events Detected

Date	Punjab				Haryana				Uttar Pradesh			
	2020	2021	2022	2023	2020	2021	2022	2023	2020	2021	2022	2023
15-Sep	5	0	14	0	2	0	0	1	1	0	0	0
16-Sep	0	2	0	6	1	0	0	1	0	0	0	2
17-Sep	5	0	1	0	3	0	0	0	0	0	0	0
18-Sep	17	9	7	0	0	0	1	0	0	1	0	0
19-Sep	30	5	18	0	2	0	0	1	0	1	0	0
20-Sep	67	8	10	0	6	0	0	2	2	0	0	0
21-Sep	54	0	56	1	2	0	0	2	1	0	0	1
22-Sep	34	0	30	0	1	0	0	2	1	0	0	0
23-Sep	49	0	3	1	0	0	0	3	1	0	0	0
24-Sep	78	5	0	0	0	0	0	0	1	1	0	1
25-Sep	184	11	0	0	11	0	0	1	5	0	0	1
26-Sep	190	19	0	3	5	0	0	2	8	0	0	0
27-Sep	78	37	0	21	8	0	0	9	4	1	0	0
28-Sep	55	28	0	33	6	1	0	8	1	6	0	4
29-Sep	63	64	0	68	9	4	0	17	6	10	0	6
30-Sep	116	27	8	81	22	2	0	26	13	13	10	18
01-Oct	165	13	45	123	15	4	1	21	7	13	3	17
02-Oct	141	0	83	119	30	2	7	24	12	0	36	7
03-Oct	110	9	75	105	8	6	8	17	4	3	29	8
04-Oct	162	23	65	95	29	2	7	29	8	0	2	9
05-Oct	161	18	130	98	17	3	24	24	14	2	0	14
06-Oct	171	42	85	91	30	0	26	19	12	1	0	18
07-Oct	197	72	62	32	32	11	6	13	41	13	0	5
08-Oct	95	108	19	92	29	27	0	55	25	11	0	27
09-Oct	121	114	3	58	20	39	1	14	15	20	0	13
10-Oct	232	150	4	10	33	95	2	28	9	54	0	34
11-Oct	377	64	45	26	90	51	0	21	23	28	0	50

12-Oct	388	97	104	13	69	51	4	5	46	23	0	5
13-Oct	266	132	120	154	47	91	15	29	36	42	0	19
14-Oct	605	229	82	89	69	98	30	41	9	68	5	18
15-Oct	449	660	169	69	106	363	36	127	15	149	0	35
16-Oct	654	429	206	0	80	176	76	4	21	121	6	14
17-Oct	1172	14	403	1	143	0	86	0	38	39	7	0
18-Oct	938	57	342	18	166	1	134	8	76	0	30	2
19-Oct	1080	496	436	37	72	55	122	16	43	5	36	11
20-Oct	890	788	96	174	62	155	78	51	31	1	17	25
21-Oct	1392	597	393	146	101	131	107	68	25	5	23	59
22-Oct	1665	1111	582	30	128	140	122	25	32	3	18	117
23-Oct	1438	620	902	152	106	218	217	29	84	8	109	20
24-Oct	911	0	1019	360	57	38	250	70	63	11	212	38
25-Oct	1416	76	181	398	155	71	12	58	50	18	9	30
26-Oct	2126	329	1238	589	77	175	123	67	33	41	23	78
27-Oct	2563	279	1111	766	96	93	83	67	40	58	23	97
28-Oct	3232	906	2067	127	139	149	123	14	87	35	34	36
29-Oct	1624	1353	1898	1068	52	161	112	75	139	32	73	48
30-Oct	3946	1373	1761	1030	100	148	112	52	50	53	43	19
31-Oct	3531	2895	2131	1389	108	353	70	51	49	170	20	28
01-Nov	3835	1796	1842	1921	151	124	88	99	74	157	9	95
02-Nov	4098	3001	3634	1668	111	203	166	48	82	87	25	37
03-Nov	2818	2512	2666	1551	93	197	128	28	197	66	40	36
04-Nov	4584	3032	2437	1360	72	228	63	33	152	123	61	17
05-Nov	4529	5327	2817	3230	66	331	90	109	52	70	24	64
06-Nov	5382	3942	599	2060	151	219	46	65	43	208	28	87
07-Nov	5491	5199	2487	1515	150	182	37	26	86	46	8	169
08-Nov	3674	4397	604	2003	115	138	11	44	169	21	44	47
09-Nov	1718	5079	1778	639	21	217	69	27	115	51	58	17
10-Nov	3127	4008	1893	6	80	184	35	0	101	77	33	30
11-Nov	2822	4156	3916	104	93	126	152	27	71	151	36	35
12-Nov	1989	3403	2467	987	83	127	99	110	108	120	36	238
Total	77310	59121	43144	24717	3530	5190	2979	1813	2431	2237	1170	1806

Number of Paddy Residue Burning Events Detected

Date	Delhi				Rajasthan				Madhya Pradesh			
	2020	2021	2022	2023	2020	2021	2022	2023	2020	2021	2022	2023
15-Sep	0	0	0	0	1	0	0	0	2	0	0	0
16-Sep	0	0	0	0	0	0	0	0	0	0	0	0
17-Sep	0	0	0	0	0	0	0	0	0	0	0	0
18-Sep	0	0	0	0	0	0	0	0	0	0	0	0
19-Sep	0	0	0	0	0	0	0	0	0	0	0	1
20-Sep	0	0	0	0	0	0	0	0	0	0	0	1
21-Sep	0	0	0	0	1	0	1	0	2	0	0	0
22-Sep	0	0	0	0	0	0	0	0	0	0	0	0
23-Sep	0	0	0	0	1	0	0	0	0	0	0	0
24-Sep	0	0	0	0	0	0	0	0	0	0	0	0
25-Sep	0	0	0	0	1	0	0	0	0	0	0	1
26-Sep	0	0	0	1	1	0	0	0	2	0	0	0
27-Sep	0	0	0	0	0	0	0	0	1	0	0	0
28-Sep	0	0	0	0	0	0	0	0	1	1	0	2
29-Sep	0	0	0	0	3	0	0	6	0	4	0	5
30-Sep	1	0	0	0	1	0	0	4	5	0	0	11
01-Oct	0	0	0	0	4	1	1	4	13	0	1	8
02-Oct	1	0	0	0	7	0	3	4	12	0	1	1
03-Oct	0	0	0	0	9	0	2	5	5	1	5	5
04-Oct	0	0	0	0	15	0	0	22	4	2	0	12
05-Oct	0	0	2	0	14	0	1	11	13	1	0	18
06-Oct	1	0	0	0	16	0	0	9	37	1	0	7
07-Oct	0	0	0	0	14	1	1	7	31	1	0	9
08-Oct	0	0	0	0	11	0	0	9	17	2	0	18
09-Oct	0	0	0	0	12	0	0	17	15	4	0	24
10-Oct	0	0	0	0	14	1	0	26	18	10	0	52
11-Oct	0	0	0	1	21	7	1	21	32	2	0	24
12-Oct	0	0	0	0	24	1	2	1	44	1	1	1
13-Oct	0	0	0	0	7	5	2	28	21	2	7	32

14-Oct	0	0	0	0	16	1	1	15	15	11	1	26
15-Oct	0	0	0	0	9	8	2	34	8	27	2	66
16-Oct	1	0	0	0	12	2	4	18	23	13	2	51
17-Oct	0	0	0	0	26	0	4	12	63	1	11	31
18-Oct	0	0	1	0	37	2	12	11	88	0	15	13
19-Oct	0	0	0	0	27	5	12	31	49	1	12	65
20-Oct	0	0	0	0	26	4	4	57	9	21	7	131
21-Oct	2	0	0	0	32	2	6	34	112	30	18	147
22-Oct	0	0	0	0	29	5	12	57	183	29	31	119
23-Oct	1	0	0	0	23	7	20	29	204	32	70	89
24-Oct	0	0	2	0	20	4	7	38	150	34	26	132
25-Oct	1	0	0	0	18	2	4	47	144	60	0	159
26-Oct	0	0	0	0	34	3	21	59	178	55	57	320
27-Oct	0	0	0	0	42	1	21	73	294	62	38	256
28-Oct	0	0	0	0	45	4	46	12	537	110	143	202
29-Oct	0	0	0	0	29	23	37	73	349	97	151	372
30-Oct	0	0	0	0	17	20	55	37	428	168	119	224
31-Oct	0	0	0	0	37	15	36	33	455	299	112	360
01-Nov	0	0	1	0	51	5	27	60	709	198	142	509
02-Nov	0	0	0	0	55	19	63	40	820	214	284	401
03-Nov	1	0	1	0	34	20	54	38	771	148	323	552
04-Nov	0	0	2	0	46	19	34	21	618	123	348	408
05-Nov	0	0	0	0	46	45	91	59	474	320	319	698
06-Nov	0	0	0	0	40	32	27	47	678	248	392	655
07-Nov	0	0	0	1	57	38	80	23	848	199	383	497
08-Nov	0	0	0	1	33	44	5	29	981	170	783	417
09-Nov	0	1	0	0	34	48	22	3	495	330	570	251
10-Nov	0	0	0	0	48	40	34	27	346	380	282	508
11-Nov	0	1	0	0	75	55	95	29	418	506	482	488
12-Nov	0	0	0	0	31	40	84	33	422	185	421	300
Total	9	2	9	4	1206	529	934	1253	11144	4103	5559	8679

Details of residue burning events in Punjab on 12-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	Amritsar	Chogawan	S-NPP	31.70404	74.70087	13:10:11	D	3.50
2	Amritsar	Chogawan	AQUA	31.67700	74.68900	13:37:36	D	11.70
3	Barnala	Barnala	S-NPP	30.22881	75.47289	13:10:11	D	4.80
4	Barnala	Barnala	S-NPP	30.23125	75.44401	13:10:11	D	6.80
5	Barnala	Barnala	S-NPP	30.23259	75.47192	13:10:11	D	4.80
6	Barnala	Barnala	S-NPP	30.25887	75.69364	13:10:11	D	6.60
7	Barnala	Barnala	S-NPP	30.26056	75.43092	13:10:11	D	4.00
8	Barnala	Barnala	S-NPP	30.26162	75.68745	13:10:11	D	7.10
9	Barnala	Barnala	S-NPP	30.26169	75.42799	13:10:11	D	7.20
10	Barnala	Barnala	S-NPP	30.26435	75.42996	13:10:11	D	4.00
11	Barnala	Barnala	S-NPP	30.26513	75.66453	13:10:11	D	3.90
12	Barnala	Barnala	S-NPP	30.26610	75.41817	13:10:11	D	9.60
13	Barnala	Barnala	S-NPP	30.26718	75.41528	13:10:11	D	13.90
14	Barnala	Barnala	S-NPP	30.26823	75.42068	13:10:11	D	13.90
15	Barnala	Barnala	S-NPP	30.26990	75.41721	13:10:11	D	9.60
16	Barnala	Barnala	S-NPP	30.27737	75.66698	13:10:11	D	8.20
17	Barnala	Barnala	S-NPP	30.28378	75.43941	13:10:11	D	3.80
18	Barnala	Barnala	S-NPP	30.39363	75.52259	13:10:11	D	5.70
19	Barnala	Barnala	S-NPP	30.39481	75.52375	13:10:11	D	5.10
20	Barnala	Barnala	S-NPP	30.40117	75.52070	13:10:11	D	7.50
21	Barnala	Barnala	S-NPP	30.45522	75.61809	13:10:11	D	7.90
22	Barnala	Barnala	S-NPP	30.46319	75.66010	13:10:11	D	2.80
23	Barnala	Barnala	S-NPP	30.46418	75.66534	13:10:11	D	2.80
24	Barnala	Barnala	AQUA	30.21500	75.44600	13:37:36	D	14.80
25	Barnala	Barnala	AQUA	30.26800	75.42500	13:37:36	D	13.30
26	Barnala	Barnala	AQUA	30.27100	75.67700	13:37:36	D	18.30
27	Barnala	Barnala	AQUA	30.34000	75.67100	13:37:36	D	11.10
28	Barnala	Barnala	AQUA	30.47000	75.62500	13:37:36	D	15.70
29	Barnala	Mahal Kalan	S-NPP	30.47446	75.57454	13:10:11	D	7.30

30	Barnala	Mahal Kalan	S-NPP	30.47721	75.48473	13:10:11	D	11.50
31	Barnala	Mahal Kalan	S-NPP	30.51156	75.44546	13:10:11	D	10.60
32	Barnala	Mahal Kalan	S-NPP	30.51588	75.61122	13:10:11	D	2.50
33	Barnala	Mahal Kalan	S-NPP	30.51709	75.61356	13:10:11	D	4.70
34	Barnala	Mahal Kalan	S-NPP	30.57540	75.40675	13:10:11	D	4.70
35	Barnala	Mahal Kalan	S-NPP	30.57696	75.45691	13:10:11	D	10.80
36	Barnala	Mahal Kalan	S-NPP	30.57945	75.42824	13:10:11	D	3.60
37	Barnala	Mahal Kalan	S-NPP	30.60256	75.46720	13:10:11	D	5.40
38	Barnala	Mahal Kalan	AQUA	30.45700	75.49700	13:37:36	D	16.70
39	Barnala	Mahal Kalan	AQUA	30.47200	75.51200	13:37:36	D	13.50
40	Barnala	Mahal Kalan	AQUA	30.54100	75.62500	13:37:36	D	21.50
41	Barnala	Sehna	S-NPP	30.24446	75.36675	13:10:11	D	3.60
42	Barnala	Sehna	S-NPP	30.36596	75.40025	13:10:11	D	3.70
43	Barnala	Sehna	S-NPP	30.36783	75.40114	13:10:11	D	5.10
44	Barnala	Sehna	S-NPP	30.38661	75.38369	13:10:11	D	31.50
45	Barnala	Sehna	S-NPP	30.38936	75.37733	13:10:11	D	5.60
46	Barnala	Sehna	S-NPP	30.41729	75.39858	13:10:11	D	2.40
47	Barnala	Sehna	S-NPP	30.43726	75.39918	13:10:11	D	8.00
48	Barnala	Sehna	S-NPP	30.43828	75.40457	13:10:11	D	8.00
49	Barnala	Sehna	S-NPP	30.44002	75.39282	13:10:11	D	4.00
50	Barnala	Sehna	S-NPP	30.44207	75.40362	13:10:11	D	5.40
51	Barnala	Sehna	S-NPP	30.45054	75.46906	13:10:11	D	8.70
52	Barnala	Sehna	S-NPP	30.48449	75.46045	13:10:11	D	3.60
53	Barnala	Sehna	S-NPP	30.48723	75.46283	13:10:11	D	4.40
54	Barnala	Sehna	AQUA	30.26900	75.36600	13:37:36	D	19.60
55	Barnala	Sehna	AQUA	30.36700	75.39300	13:37:36	D	43.80
56	Barnala	Sehna	AQUA	30.37000	75.41200	13:37:36	D	14.10
57	Barnala	Sehna	AQUA	30.37900	75.33200	13:37:36	D	19.50
58	Barnala	Sehna	AQUA	30.44600	75.44300	13:37:36	D	13.10
59	Barnala	Sehna	AQUA	30.44700	75.38500	13:37:36	D	23.60
60	Barnala	Sehna	AQUA	30.47100	75.26100	13:37:36	D	12.00
61	Bathinda	Bathinda	S-NPP	30.09502	74.98978	13:10:11	D	3.70
62	Bathinda	Bathinda	S-NPP	30.11450	75.02662	13:10:11	D	3.90

63	Bathinda	Bathinda	S-NPP	30.16622	74.96313	13:10:11	D	4.70
64	Bathinda	Bathinda	S-NPP	30.16700	74.88464	13:10:11	D	6.10
65	Bathinda	Bathinda	S-NPP	30.16779	74.96507	13:10:11	D	4.60
66	Bathinda	Bathinda	S-NPP	30.16794	74.84800	13:10:11	D	16.30
67	Bathinda	Bathinda	S-NPP	30.16902	74.88638	13:10:11	D	4.00
68	Bathinda	Bathinda	S-NPP	30.17300	74.85278	13:10:11	D	6.60
69	Bathinda	Bathinda	S-NPP	30.17691	74.85176	13:10:11	D	34.80
70	Bathinda	Bathinda	S-NPP	30.19190	74.82355	13:10:11	D	9.00
71	Bathinda	Bathinda	S-NPP	30.19384	74.74957	13:10:11	D	4.40
72	Bathinda	Bathinda	S-NPP	30.19662	74.74269	13:10:11	D	17.30
73	Bathinda	Bathinda	S-NPP	30.20055	74.74167	13:10:11	D	17.30
74	Bathinda	Bathinda	S-NPP	30.22921	74.74036	13:10:11	D	4.80
75	Bathinda	Bathinda	AQUA	30.17700	74.84100	13:37:36	D	22.30
76	Bathinda	Bathinda	AQUA	30.22600	74.82800	13:37:36	D	33.90
77	Bathinda	Bathinda	AQUA	30.22800	74.82300	13:37:36	D	42.90
78	Bathinda	Bhagta Bhai Ka	S-NPP	30.52185	75.14575	13:10:11	D	3.40
79	Bathinda	Goniana Mandi	S-NPP	30.25233	74.88074	13:10:11	D	9.40
80	Bathinda	Maur	S-NPP	30.04197	75.11265	13:10:11	D	6.10
81	Bathinda	Maur	S-NPP	30.07523	75.07451	13:10:11	D	6.10
82	Bathinda	Maur	AQUA	30.13300	75.09000	13:37:36	D	27.90
83	Bathinda	Nathana	S-NPP	30.22182	75.07976	13:10:11	D	7.30
84	Bathinda	Nathana	S-NPP	30.24689	75.20808	13:10:11	D	5.80
85	Bathinda	Nathana	AQUA	30.32000	75.02800	13:37:36	D	23.90
86	Bathinda	Phul	S-NPP	30.27587	75.21231	13:10:11	D	4.20
87	Bathinda	Phul	S-NPP	30.29374	75.24251	13:10:11	D	9.00
88	Bathinda	Phul	S-NPP	30.29480	75.24801	13:10:11	D	8.50
89	Bathinda	Phul	S-NPP	30.40243	75.19615	13:10:11	D	4.00
90	Bathinda	Phul	S-NPP	30.45287	75.22948	13:10:11	D	15.30
91	Bathinda	Phul	AQUA	30.28200	75.24500	13:37:36	D	28.50
92	Bathinda	Phul	AQUA	30.37600	75.31300	13:37:36	D	25.10
93	Bathinda	Rampura	S-NPP	30.17451	75.35589	13:10:11	D	2.20
94	Bathinda	Rampura	S-NPP	30.18347	75.21510	13:10:11	D	3.70
95	Bathinda	Rampura	S-NPP	30.18645	75.27235	13:10:11	D	3.00

96	Bathinda	Rampura	S-NPP	30.18685	75.29533	13:10:11	D	4.30
97	Bathinda	Rampura	S-NPP	30.22821	75.23604	13:10:11	D	5.10
98	Bathinda	Rampura	S-NPP	30.24186	75.24414	13:10:11	D	4.90
99	Bathinda	Rampura	S-NPP	30.24293	75.24965	13:10:11	D	3.40
100	Bathinda	Rampura	S-NPP	30.24523	75.36395	13:10:11	D	4.60
101	Bathinda	Rampura	S-NPP	30.24569	75.24316	13:10:11	D	8.00
102	Bathinda	Rampura	AQUA	30.18500	75.35600	13:37:36	D	11.30
103	Bathinda	Rampura	AQUA	30.24700	75.25400	13:37:36	D	18.70
104	Bathinda	Rampura	AQUA	30.25000	75.27300	13:37:36	D	17.30
105	Bathinda	Rampura	AQUA	30.29100	75.25700	13:37:36	D	17.50
106	Bathinda	Sangat	S-NPP	29.99458	74.72195	13:10:11	D	3.90
107	Bathinda	Sangat	S-NPP	29.99967	74.89571	13:10:11	D	2.90
108	Bathinda	Sangat	S-NPP	30.03028	74.77766	13:10:11	D	5.20
109	Bathinda	Sangat	S-NPP	30.03044	74.90601	13:10:11	D	5.90
110	Bathinda	Sangat	S-NPP	30.03189	74.77531	13:10:11	D	8.90
111	Bathinda	Sangat	S-NPP	30.03424	74.78700	13:10:11	D	6.10
112	Bathinda	Sangat	S-NPP	30.03535	74.78250	13:10:11	D	4.00
113	Bathinda	Sangat	S-NPP	30.03649	74.78836	13:10:11	D	4.00
114	Bathinda	Sangat	S-NPP	30.07090	74.92983	13:10:11	D	2.70
115	Bathinda	Sangat	S-NPP	30.07126	74.76513	13:10:11	D	14.60
116	Bathinda	Sangat	S-NPP	30.07520	74.76411	13:10:11	D	4.20
117	Bathinda	Sangat	S-NPP	30.15817	74.71568	13:10:11	D	12.80
118	Bathinda	Sangat	AQUA	30.02500	74.80400	13:37:36	D	19.60
119	Bathinda	Sangat	AQUA	30.03100	74.78600	13:37:36	D	13.80
120	Bathinda	Sangat	AQUA	30.05700	74.70900	13:37:36	D	13.30
121	Bathinda	Talwandi Sabo	S-NPP	29.83043	75.17004	13:10:11	D	8.60
122	Bathinda	Talwandi Sabo	S-NPP	29.83380	75.14552	13:10:11	D	8.70
123	Bathinda	Talwandi Sabo	S-NPP	29.93860	75.09991	13:10:11	D	3.40
124	Bathinda	Talwandi Sabo	S-NPP	29.98487	75.00817	13:10:11	D	4.90
125	Bathinda	Talwandi Sabo	S-NPP	29.99660	75.04703	13:10:11	D	9.60
126	Bathinda	Talwandi Sabo	S-NPP	30.01089	74.91103	13:10:11	D	5.70
127	Bathinda	Talwandi Sabo	S-NPP	30.01266	74.98304	13:10:11	D	19.30
128	Bathinda	Talwandi Sabo	S-NPP	30.02487	74.91956	13:10:11	D	16.00

129	Bathinda	Talwandi Sabo	S-NPP	30.02823	74.93685	13:10:11	D	3.80
130	Bathinda	Talwandi Sabo	S-NPP	30.02878	74.91856	13:10:11	D	3.70
131	Bathinda	Talwandi Sabo	S-NPP	30.03156	74.91179	13:10:11	D	5.90
132	Bathinda	Talwandi Sabo	AQUA	29.96300	75.04400	13:37:36	D	19.70
133	Bathinda	Talwandi Sabo	AQUA	29.99100	75.03000	13:37:36	D	23.90
134	Bathinda	Talwandi Sabo	AQUA	30.03000	75.04000	13:37:36	D	18.90
135	Bathinda	Talwandi Sabo	AQUA	30.03100	74.91400	13:37:36	D	21.50
136	Faridkot	Faridkot	S-NPP	30.65187	74.65162	13:10:11	D	3.30
137	Faridkot	Faridkot	S-NPP	30.65467	74.61595	13:10:11	D	4.70
138	Faridkot	Faridkot	S-NPP	30.65581	74.62181	13:10:11	D	7.10
139	Faridkot	Faridkot	S-NPP	30.65777	74.61935	13:10:11	D	12.30
140	Faridkot	Faridkot	S-NPP	30.69333	74.83703	13:10:11	D	6.20
141	Faridkot	Faridkot	S-NPP	30.69501	74.82459	13:10:11	D	3.80
142	Faridkot	Faridkot	S-NPP	30.69540	74.82841	13:10:11	D	5.80
143	Faridkot	Faridkot	S-NPP	30.69976	74.80927	13:10:11	D	4.10
144	Faridkot	Faridkot	S-NPP	30.70057	74.81112	13:10:11	D	3.60
145	Faridkot	Faridkot	S-NPP	30.70154	74.83880	13:10:11	D	3.70
146	Faridkot	Faridkot	S-NPP	30.70218	74.84072	13:10:11	D	3.30
147	Faridkot	Faridkot	S-NPP	30.72006	74.51622	13:10:11	D	10.50
148	Faridkot	Faridkot	S-NPP	30.72724	74.59492	13:10:11	D	2.20
149	Faridkot	Faridkot	S-NPP	30.73819	74.67184	13:10:11	D	3.70
150	Faridkot	Faridkot	AQUA	30.72900	74.74000	13:37:36	D	13.10
151	Faridkot	Faridkot	AQUA	30.73500	74.56200	13:37:36	D	14.60
152	Faridkot	Jaiton	S-NPP	30.48242	75.00343	13:10:11	D	3.00
153	Faridkot	Jaiton	AQUA	30.50600	74.96600	13:37:36	D	12.50
154	Faridkot	Jaiton	AQUA	30.54700	74.94700	13:37:36	D	23.90
155	Fatehgarh Sahib	Amloh	S-NPP	30.54967	76.24428	13:10:11	D	2.80
156	Fatehgarh Sahib	Amloh	S-NPP	30.55330	76.24339	13:10:11	D	4.60
157	Fatehgarh Sahib	Bassi Pathanan	S-NPP	30.65856	76.42665	13:10:11	D	3.30
158	Fatehgarh Sahib	Bassi Pathanan	S-NPP	30.69922	76.44395	13:10:11	D	4.70
159	Fatehgarh Sahib	Bassi Pathanan	S-NPP	30.69998	76.48896	13:10:11	D	3.80
160	Fatehgarh Sahib	Bassi Pathanan	S-NPP	30.70011	76.44877	13:10:11	D	4.70
161	Fatehgarh Sahib	Bassi Pathanan	S-NPP	30.70181	76.47849	13:10:11	D	3.40

162	Fatehgarh Sahib	Bassi Pathanan	S-NPP	30.71081	76.46627	13:10:11	D	7.70
163	Fatehgarh Sahib	Bassi Pathanan	S-NPP	30.72245	76.46845	13:10:11	D	3.30
164	Fatehgarh Sahib	Bassi Pathanan	S-NPP	30.72954	76.48679	13:10:11	D	3.10
165	Fatehgarh Sahib	Bassi Pathanan	S-NPP	30.74611	76.39218	13:10:11	D	5.20
166	Fatehgarh Sahib	Bassi Pathanan	S-NPP	30.74699	76.39702	13:10:11	D	5.20
167	Fatehgarh Sahib	Bassi Pathanan	S-NPP	30.74941	76.45185	13:10:11	D	1.70
168	Fatehgarh Sahib	Bassi Pathanan	AQUA	30.71300	76.41700	13:37:36	D	11.00
169	Fatehgarh Sahib	Bassi Pathanan	AQUA	30.71500	76.47600	13:37:36	D	13.80
170	Fatehgarh Sahib	Bassi Pathanan	AQUA	30.72400	76.47900	13:37:36	D	13.80
171	Fatehgarh Sahib	Khamanon	S-NPP	30.76683	76.38206	13:10:11	D	1.90
172	Fatehgarh Sahib	Khamanon	S-NPP	30.77043	76.38119	13:10:11	D	10.70
173	Fatehgarh Sahib	Khamanon	S-NPP	30.77114	76.38309	13:10:11	D	6.70
174	Fatehgarh Sahib	Khera	S-NPP	30.61729	76.40638	13:10:11	D	2.90
175	Fatehgarh Sahib	Khera	S-NPP	30.64689	76.42445	13:10:11	D	7.70
176	Fatehgarh Sahib	Khera	S-NPP	30.67560	76.56293	13:10:11	D	3.30
177	Fatehgarh Sahib	Sirhind	S-NPP	30.46247	76.44601	13:10:11	D	45.40
178	Fatehgarh Sahib	Sirhind	S-NPP	30.47603	76.41743	13:10:11	D	4.20
179	Fatehgarh Sahib	Sirhind	S-NPP	30.50490	76.41042	13:10:11	D	4.30
180	Fatehgarh Sahib	Sirhind	S-NPP	30.51402	76.37774	13:10:11	D	4.50
181	Fatehgarh Sahib	Sirhind	S-NPP	30.52049	76.33028	13:10:11	D	4.80
182	Fatehgarh Sahib	Sirhind	S-NPP	30.52766	76.34896	13:10:11	D	3.50
183	Fatehgarh Sahib	Sirhind	S-NPP	30.56783	76.30142	13:10:11	D	4.60
184	Fatehgarh Sahib	Sirhind	S-NPP	30.57501	76.38120	13:10:11	D	1.80
185	Fatehgarh Sahib	Sirhind	S-NPP	30.57855	76.42086	13:10:11	D	2.80
186	Fatehgarh Sahib	Sirhind	S-NPP	30.58225	76.35912	13:10:11	D	11.60
187	Fatehgarh Sahib	Sirhind	AQUA	30.51700	76.36300	13:37:36	D	33.60
188	Fatehgarh Sahib	Sirhind	AQUA	30.51800	76.35700	13:37:36	D	53.30
189	Fatehgarh Sahib	Sirhind	AQUA	30.52000	76.44500	13:37:36	D	8.20
190	Fatehgarh Sahib	Sirhind	AQUA	30.52400	76.38900	13:37:36	D	10.30
191	Fatehgarh Sahib	Sirhind	AQUA	30.52800	76.35500	13:37:36	D	22.20
192	Fatehgarh Sahib	Sirhind	AQUA	30.56700	76.37800	13:37:36	D	12.40
193	Fatehgarh Sahib	Sirhind	AQUA	30.59700	76.42000	13:37:36	D	19.60
194	Fazilka	Abohar	S-NPP	30.10979	74.24104	13:10:11	D	4.20

195	Fazilka	Abohar	S-NPP	30.10990	74.26289	13:10:11	D	8.00
196	Fazilka	Abohar	S-NPP	30.13931	74.36787	13:10:11	D	4.80
197	Fazilka	Abohar	S-NPP	30.15046	74.31740	13:10:11	D	8.60
198	Fazilka	Abohar	S-NPP	30.15436	74.31806	13:10:11	D	9.10
199	Fazilka	Abohar	S-NPP	30.15449	74.31633	13:10:11	D	7.40
200	Fazilka	Abohar	S-NPP	30.16409	74.32415	13:10:11	D	2.80
201	Fazilka	Abohar	S-NPP	30.17782	74.32919	13:10:11	D	3.60
202	Fazilka	Abohar	S-NPP	30.18407	74.29725	13:10:11	D	8.00
203	Fazilka	Abohar	S-NPP	30.19228	74.19029	13:10:11	D	6.10
204	Fazilka	Abohar	S-NPP	30.19424	74.24236	13:10:11	D	2.00
205	Fazilka	Abohar	S-NPP	30.19828	74.24129	13:10:11	D	13.10
206	Fazilka	Abohar	S-NPP	30.20052	74.21006	13:10:11	D	8.50
207	Fazilka	Abohar	S-NPP	30.21277	74.22870	13:10:11	D	3.60
208	Fazilka	Abohar	S-NPP	30.22240	74.21298	13:10:11	D	11.60
209	Fazilka	Abohar	S-NPP	30.24202	74.26887	13:10:11	D	2.50
210	Fazilka	Abohar	S-NPP	30.24510	74.22009	13:10:11	D	5.50
211	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.26904	74.24040	13:10:11	D	2.50
212	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.29059	74.19977	13:10:11	D	2.10
213	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.33649	74.15244	13:10:11	D	11.20
214	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.33960	74.15221	13:10:11	D	4.20
215	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.35716	74.29939	13:10:11	D	5.40
216	Fazilka	Fazilka	S-NPP	30.37973	74.01295	13:10:11	D	2.30
217	Fazilka	Fazilka	S-NPP	30.41368	73.96799	13:10:11	D	5.50
218	Fazilka	Fazilka	S-NPP	30.42821	74.06226	13:10:11	D	4.20
219	Fazilka	Fazilka	S-NPP	30.43044	74.06219	13:10:11	D	7.00
220	Fazilka	Fazilka	S-NPP	30.43227	74.06116	13:10:11	D	3.60
221	Fazilka	Fazilka	S-NPP	30.46227	74.15495	13:10:11	D	5.00
222	Fazilka	Fazilka	AQUA	30.33600	73.98200	13:37:36	D	19.20
223	Fazilka	Jalalabad	S-NPP	30.47391	74.19113	13:10:11	D	2.20
224	Fazilka	Jalalabad	S-NPP	30.48896	74.26513	13:10:11	D	3.60
225	Fazilka	Jalalabad	S-NPP	30.48951	74.12138	13:10:11	D	5.10
226	Fazilka	Jalalabad	S-NPP	30.49670	74.21983	13:10:11	D	5.50
227	Fazilka	Jalalabad	S-NPP	30.54813	74.20175	13:10:11	D	2.60

228	Fazilka	Jalalabad	AQUA	30.54100	74.20300	13:37:36	D	17.50
229	Fazilka	Jalalabad	AQUA	30.54500	74.22500	13:37:36	D	22.30
230	Fazilka	Jalalabad	AQUA	30.57400	74.24000	13:37:36	D	107.90
231	Fazilka	Jalalabad	AQUA	30.57900	74.25500	13:37:36	D	36.30
232	Fazilka	Khuian Sarwar	S-NPP	30.10271	74.14153	13:10:11	D	5.50
233	Fazilka	Khuian Sarwar	S-NPP	30.21658	74.18382	13:10:11	D	2.70
234	Fazilka	Khuian Sarwar	S-NPP	30.22974	74.04794	13:10:11	D	3.70
235	Fazilka	Khuian Sarwar	S-NPP	30.26858	74.00616	13:10:11	D	7.60
236	Fazilka	Khuian Sarwar	S-NPP	30.31015	74.00922	13:10:11	D	8.50
237	Fazilka	Khuian Sarwar	S-NPP	30.31198	74.00796	13:10:11	D	7.80
238	Fazilka	Khuian Sarwar	S-NPP	30.31365	74.02619	13:10:11	D	3.10
239	Fazilka	Khuian Sarwar	S-NPP	30.31538	74.02496	13:10:11	D	2.90
240	Fazilka	Khuian Sarwar	S-NPP	30.32414	74.01443	13:10:11	D	4.80
241	Fazilka	Khuian Sarwar	S-NPP	30.32675	74.02715	13:10:11	D	2.40
242	Fazilka	Khuian Sarwar	AQUA	30.26900	73.98400	13:37:36	D	19.00
243	Fazilka	Khuian Sarwar	AQUA	30.31200	73.99600	13:37:36	D	24.50
244	Firozpur	Ghall Khurd	S-NPP	30.80029	74.84759	13:10:11	D	3.50
245	Firozpur	Ghall Khurd	S-NPP	30.80803	74.84557	13:10:11	D	7.40
246	Firozpur	Ghall Khurd	S-NPP	30.80886	74.84664	13:10:11	D	5.40
247	Firozpur	Ghall Khurd	S-NPP	30.83011	74.83385	13:10:11	D	9.50
248	Firozpur	Ghall Khurd	S-NPP	30.92359	74.81328	13:10:11	D	3.30
249	Firozpur	Ghall Khurd	AQUA	30.82800	74.83400	13:37:36	D	19.10
250	Firozpur	Guruhar Sahai	S-NPP	30.61464	74.43201	13:10:11	D	2.70
251	Firozpur	Guruhar Sahai	S-NPP	30.61588	74.43195	13:10:11	D	2.20
252	Firozpur	Guruhar Sahai	S-NPP	30.66508	74.49017	13:10:11	D	7.20
253	Firozpur	Guruhar Sahai	S-NPP	30.68801	74.31116	13:10:11	D	6.00
254	Firozpur	Guruhar Sahai	S-NPP	30.69278	74.44103	13:10:11	D	4.90
255	Firozpur	Guruhar Sahai	S-NPP	30.70178	74.29601	13:10:11	D	4.90
256	Firozpur	Guruhar Sahai	S-NPP	30.70236	74.29880	13:10:11	D	4.80
257	Firozpur	Guruhar Sahai	S-NPP	30.73621	74.32091	13:10:11	D	6.10
258	Firozpur	Guruhar Sahai	S-NPP	30.74841	74.42323	13:10:11	D	2.00
259	Firozpur	Guruhar Sahai	AQUA	30.64300	74.37300	13:37:36	D	22.40
260	Firozpur	Guruhar Sahai	AQUA	30.67200	74.38700	13:37:36	D	14.20

261	Firozpur	Guruhar Sahai	AQUA	30.73700	74.31900	13:37:36	D	13.70
262	Firozpur	Zira	S-NPP	30.98046	74.83417	13:10:11	D	12.10
263	Firozpur	Zira	S-NPP	31.02728	74.99282	13:10:11	D	8.60
264	Hoshiarpur	Garh Shankar	S-NPP	31.21771	76.08832	13:10:11	D	2.90
265	Jalandhar	Nur Mahal	S-NPP	31.01170	75.56953	13:10:11	D	6.50
266	Jalandhar	Shahkot	S-NPP	31.09580	75.35201	13:10:11	D	3.20
267	Ludhiana	Dehlon	S-NPP	30.74108	75.91435	13:10:11	D	8.30
268	Ludhiana	Dehlon	S-NPP	30.74381	75.90836	13:10:11	D	8.30
269	Ludhiana	Dehlon	S-NPP	30.74749	75.90744	13:10:11	D	8.00
270	Ludhiana	Dehlon	S-NPP	30.77032	75.86448	13:10:11	D	8.70
271	Ludhiana	Dehlon	S-NPP	30.83746	75.90865	13:10:11	D	5.90
272	Ludhiana	Doraha	S-NPP	30.69684	76.01786	13:10:11	D	3.70
273	Ludhiana	Doraha	S-NPP	30.69847	76.01467	13:10:11	D	3.00
274	Ludhiana	Doraha	S-NPP	30.70876	76.06210	13:10:11	D	1.90
275	Ludhiana	Doraha	S-NPP	30.71927	75.96212	13:10:11	D	7.00
276	Ludhiana	Doraha	S-NPP	30.76696	75.95028	13:10:11	D	2.10
277	Ludhiana	Doraha	S-NPP	30.76790	75.95533	13:10:11	D	10.80
278	Ludhiana	Doraha	S-NPP	30.76876	75.93925	13:10:11	D	2.40
279	Ludhiana	Doraha	S-NPP	30.76883	75.96039	13:10:11	D	10.80
280	Ludhiana	Doraha	S-NPP	30.78081	75.98377	13:10:11	D	4.60
281	Ludhiana	Doraha	S-NPP	30.78443	75.96179	13:10:11	D	3.20
282	Ludhiana	Doraha	S-NPP	30.83084	76.05741	13:10:11	D	6.40
283	Ludhiana	Jagraon	S-NPP	30.59151	75.40828	13:10:11	D	2.90
284	Ludhiana	Jagraon	S-NPP	30.60232	75.44486	13:10:11	D	3.20
285	Ludhiana	Jagraon	S-NPP	30.60399	75.45877	13:10:11	D	6.10
286	Ludhiana	Jagraon	S-NPP	30.60433	75.45557	13:10:11	D	4.80
287	Ludhiana	Jagraon	S-NPP	30.66259	75.39339	13:10:11	D	3.20
288	Ludhiana	Jagraon	S-NPP	30.66493	75.42651	13:10:11	D	11.90
289	Ludhiana	Jagraon	S-NPP	30.67695	75.40660	13:10:11	D	3.20
290	Ludhiana	Jagraon	S-NPP	30.68860	75.37289	13:10:11	D	8.30
291	Ludhiana	Jagraon	S-NPP	30.68974	75.36957	13:10:11	D	4.60
292	Ludhiana	Jagraon	S-NPP	30.69075	75.37495	13:10:11	D	10.10
293	Ludhiana	Jagraon	S-NPP	30.69237	75.37193	13:10:11	D	6.40

294	Ludhiana	Jagraon	S-NPP	30.69430	75.51942	13:10:11	D	10.60
295	Ludhiana	Jagraon	S-NPP	30.69691	75.41573	13:10:11	D	6.70
296	Ludhiana	Jagraon	S-NPP	30.69705	75.51318	13:10:11	D	9.60
297	Ludhiana	Jagraon	S-NPP	30.69781	75.41251	13:10:11	D	5.20
298	Ludhiana	Jagraon	S-NPP	30.70551	75.48055	13:10:11	D	10.50
299	Ludhiana	Jagraon	S-NPP	30.70607	75.47752	13:10:11	D	6.10
300	Ludhiana	Jagraon	S-NPP	30.73990	75.51624	13:10:11	D	8.00
301	Ludhiana	Jagraon	S-NPP	30.74323	75.55408	13:10:11	D	3.60
302	Ludhiana	Jagraon	S-NPP	30.74567	75.52586	13:10:11	D	5.20
303	Ludhiana	Jagraon	S-NPP	30.74942	75.52490	13:10:11	D	5.20
304	Ludhiana	Jagraon	S-NPP	30.75186	75.49659	13:10:11	D	16.00
305	Ludhiana	Jagraon	S-NPP	30.75762	75.50622	13:10:11	D	3.60
306	Ludhiana	Jagraon	S-NPP	30.76946	75.40287	13:10:11	D	4.80
307	Ludhiana	Jagraon	S-NPP	30.77250	75.41891	13:10:11	D	3.30
308	Ludhiana	Jagraon	S-NPP	30.77322	75.40192	13:10:11	D	4.80
309	Ludhiana	Jagraon	S-NPP	30.77561	75.51828	13:10:11	D	2.50
310	Ludhiana	Jagraon	S-NPP	30.80369	75.60475	13:10:11	D	3.00
311	Ludhiana	Jagraon	S-NPP	30.80995	75.57572	13:10:11	D	5.50
312	Ludhiana	Jagraon	S-NPP	30.81406	75.43378	13:10:11	D	7.20
313	Ludhiana	Jagraon	S-NPP	30.81410	75.43065	13:10:11	D	5.60
314	Ludhiana	Jagraon	S-NPP	30.81565	75.58527	13:10:11	D	3.30
315	Ludhiana	Jagraon	S-NPP	30.81780	75.61760	13:10:11	D	6.10
316	Ludhiana	Jagraon	S-NPP	30.82153	75.61665	13:10:11	D	6.10
317	Ludhiana	Jagraon	AQUA	30.59400	75.41800	13:37:36	D	11.90
318	Ludhiana	Jagraon	AQUA	30.59800	75.43600	13:37:36	D	15.20
319	Ludhiana	Jagraon	AQUA	30.63200	75.43900	13:37:36	D	18.50
320	Ludhiana	Jagraon	AQUA	30.71500	75.45000	13:37:36	D	20.20
321	Ludhiana	Jagraon	AQUA	30.74100	75.46200	13:37:36	D	19.00
322	Ludhiana	Jagraon	AQUA	30.74700	75.55400	13:37:36	D	14.50
323	Ludhiana	Khanna	AQUA	30.59900	76.11000	13:37:36	D	11.50
324	Ludhiana	Khanna	AQUA	30.60300	76.07400	13:37:36	D	10.50
325	Ludhiana	Ludhiana 1	S-NPP	30.84986	76.01612	13:10:11	D	2.00
326	Ludhiana	Ludhiana 2	S-NPP	30.90925	76.08994	13:10:11	D	2.90

327	Ludhiana	Ludhiana 2	S-NPP	30.91846	76.00146	13:10:11	D	2.10
328	Ludhiana	Ludhiana 2	S-NPP	30.92471	76.02881	13:10:11	D	1.70
329	Ludhiana	Ludhiana 2	S-NPP	30.95511	76.03413	13:10:11	D	11.50
330	Ludhiana	Ludhiana 2	S-NPP	30.98522	76.05270	13:10:11	D	5.40
331	Ludhiana	Ludhiana 2	AQUA	30.96000	76.11200	13:37:36	D	32.60
332	Ludhiana	Machhiwara	S-NPP	30.92801	76.29588	13:10:11	D	8.60
333	Ludhiana	Machhiwara	S-NPP	30.95923	76.23949	13:10:11	D	2.60
334	Ludhiana	Maloud	S-NPP	30.58390	75.95367	13:10:11	D	3.60
335	Ludhiana	Maloud	S-NPP	30.60660	75.94524	13:10:11	D	13.40
336	Ludhiana	Maloud	S-NPP	30.62521	75.98297	13:10:11	D	2.70
337	Ludhiana	Maloud	S-NPP	30.62950	75.92363	13:10:11	D	4.40
338	Ludhiana	Maloud	S-NPP	30.63443	75.99123	13:10:11	D	2.70
339	Ludhiana	Maloud	S-NPP	30.63810	75.99033	13:10:11	D	4.60
340	Ludhiana	Maloud	S-NPP	30.64091	76.00544	13:10:11	D	6.80
341	Ludhiana	Maloud	S-NPP	30.64099	76.02645	13:10:11	D	2.80
342	Ludhiana	Maloud	S-NPP	30.64177	75.98943	13:10:11	D	4.60
343	Ludhiana	Maloud	S-NPP	30.64738	76.01962	13:10:11	D	7.40
344	Ludhiana	Maloud	S-NPP	30.64832	76.02463	13:10:11	D	24.90
345	Ludhiana	Maloud	S-NPP	30.65198	76.02373	13:10:11	D	5.50
346	Ludhiana	Maloud	S-NPP	30.65377	76.01277	13:10:11	D	3.70
347	Ludhiana	Maloud	S-NPP	30.66176	75.93154	13:10:11	D	4.10
348	Ludhiana	Maloud	S-NPP	30.66936	76.01417	13:10:11	D	4.30
349	Ludhiana	Maloud	S-NPP	30.67373	75.93387	13:10:11	D	5.00
350	Ludhiana	Maloud	S-NPP	30.67908	75.87934	13:10:11	D	3.10
351	Ludhiana	Maloud	S-NPP	30.68097	75.88148	13:10:11	D	2.50
352	Ludhiana	Maloud	S-NPP	30.69587	75.89907	13:10:11	D	3.30
353	Ludhiana	Maloud	S-NPP	30.69683	75.90415	13:10:11	D	3.30
354	Ludhiana	Maloud	S-NPP	30.70050	75.90324	13:10:11	D	4.00
355	Ludhiana	Maloud	AQUA	30.60000	75.93500	13:37:36	D	25.40
356	Ludhiana	Maloud	AQUA	30.64800	76.00600	13:37:36	D	18.60
357	Ludhiana	Maloud	AQUA	30.65100	75.89900	13:37:36	D	11.30
358	Ludhiana	Maloud	AQUA	30.65100	76.02200	13:37:36	D	11.70
359	Ludhiana	Maloud	AQUA	30.65400	75.91600	13:37:36	D	17.10

360	Ludhiana	Maloud	AQUA	30.65800	75.93300	13:37:36	D	11.40
361	Ludhiana	Pakhowal	S-NPP	30.65987	75.70921	13:10:11	D	3.30
362	Ludhiana	Pakhowal	S-NPP	30.66305	75.74634	13:10:11	D	5.90
363	Ludhiana	Pakhowal	S-NPP	30.66381	75.72991	13:10:11	D	17.60
364	Ludhiana	Pakhowal	S-NPP	30.67109	75.80901	13:10:11	D	8.50
365	Ludhiana	Pakhowal	S-NPP	30.67200	75.71159	13:10:11	D	4.90
366	Ludhiana	Pakhowal	S-NPP	30.73202	75.78303	13:10:11	D	2.50
367	Ludhiana	Pakhowal	S-NPP	30.73394	75.79330	13:10:11	D	5.80
368	Ludhiana	Pakhowal	S-NPP	30.74598	75.79566	13:10:11	D	3.00
369	Ludhiana	Pakhowal	AQUA	30.68600	75.77600	13:37:36	D	12.40
370	Ludhiana	Pakhowal	AQUA	30.68700	75.78300	13:37:36	D	16.40
371	Ludhiana	Raikot	S-NPP	30.58795	75.59859	13:10:11	D	3.40
372	Ludhiana	Raikot	S-NPP	30.59323	75.56413	13:10:11	D	2.40
373	Ludhiana	Raikot	S-NPP	30.59652	75.51893	13:10:11	D	4.70
374	Ludhiana	Raikot	S-NPP	30.59895	75.57374	13:10:11	D	3.50
375	Ludhiana	Raikot	S-NPP	30.61494	75.49508	13:10:11	D	3.70
376	Ludhiana	Raikot	S-NPP	30.62383	75.45934	13:10:11	D	12.60
377	Ludhiana	Raikot	S-NPP	30.62785	75.54177	13:10:11	D	7.20
378	Ludhiana	Raikot	S-NPP	30.62896	75.69236	13:10:11	D	2.00
379	Ludhiana	Raikot	S-NPP	30.63233	75.66711	13:10:11	D	5.10
380	Ludhiana	Raikot	S-NPP	30.63252	75.66965	13:10:11	D	5.10
381	Ludhiana	Raikot	S-NPP	30.64528	75.50964	13:10:11	D	4.30
382	Ludhiana	Raikot	S-NPP	30.66203	75.49429	13:10:11	D	11.30
383	Ludhiana	Raikot	S-NPP	30.66477	75.48802	13:10:11	D	7.00
384	Ludhiana	Raikot	S-NPP	30.66806	75.52607	13:10:11	D	9.10
385	Ludhiana	Raikot	S-NPP	30.67407	75.55775	13:10:11	D	8.30
386	Ludhiana	Raikot	S-NPP	30.67781	75.55681	13:10:11	D	8.30
387	Ludhiana	Raikot	S-NPP	30.68354	75.56640	13:10:11	D	5.30
388	Ludhiana	Raikot	S-NPP	30.69696	75.59604	13:10:11	D	3.10
389	Ludhiana	Raikot	S-NPP	30.71049	75.54301	13:10:11	D	5.60
390	Ludhiana	Raikot	S-NPP	30.72525	75.54209	13:10:11	D	9.40
391	Ludhiana	Raikot	S-NPP	30.72546	75.53921	13:10:11	D	8.20
392	Ludhiana	Raikot	S-NPP	30.73849	75.54977	13:10:11	D	4.20

393	Ludhiana	Raikot	AQUA	30.63700	75.70500	13:37:36	D	15.30
394	Ludhiana	Raikot	AQUA	30.65000	75.64700	13:37:36	D	18.20
395	Ludhiana	Raikot	AQUA	30.66500	75.48700	13:37:36	D	12.50
396	Ludhiana	Raikot	AQUA	30.68900	75.61100	13:37:36	D	27.30
397	Ludhiana	Samrala	S-NPP	30.78382	76.16547	13:10:11	D	3.90
398	Ludhiana	Sidhwan Bet	S-NPP	30.81813	75.39361	13:10:11	D	17.30
399	Ludhiana	Sidhwan Bet	S-NPP	30.83249	75.40675	13:10:11	D	3.00
400	Ludhiana	Sidhwan Bet	S-NPP	30.83454	75.41740	13:10:11	D	9.20
401	Ludhiana	Sidhwan Bet	S-NPP	30.83557	75.42273	13:10:11	D	3.50
402	Ludhiana	Sidhwan Bet	AQUA	30.83700	75.41000	13:37:36	D	10.30
403	Ludhiana	Sidhwan Bet	AQUA	30.90000	75.50100	13:37:36	D	11.40
404	Ludhiana	Sudhar	S-NPP	30.70738	75.60989	13:10:11	D	5.00
405	Ludhiana	Sudhar	S-NPP	30.74380	75.59795	13:10:11	D	5.70
406	Ludhiana	Sudhar	S-NPP	30.75067	75.65369	13:10:11	D	15.90
407	Ludhiana	Sudhar	S-NPP	30.75106	75.65627	13:10:11	D	17.70
408	Ludhiana	Sudhar	S-NPP	30.75426	75.61175	13:10:11	D	5.90
409	Ludhiana	Sudhar	AQUA	30.72700	75.61900	13:37:36	D	21.40
410	Malerkotla	Ahmedgarh	S-NPP	30.53715	75.66081	13:10:11	D	19.10
411	Malerkotla	Ahmedgarh	S-NPP	30.58710	75.92353	13:10:11	D	13.40
412	Malerkotla	Ahmedgarh	S-NPP	30.60183	75.91988	13:10:11	D	3.20
413	Malerkotla	Ahmedgarh	S-NPP	30.64905	75.77952	13:10:11	D	3.40
414	Malerkotla	Ahmedgarh	S-NPP	30.66700	75.85564	13:10:11	D	26.10
415	Malerkotla	Ahmedgarh	AQUA	30.59800	75.80600	13:37:36	D	12.10
416	Malerkotla	Ahmedgarh	AQUA	30.60000	75.81000	13:37:36	D	12.70
417	Malerkotla	Amargarh	S-NPP	30.38202	75.99483	13:10:11	D	8.40
418	Malerkotla	Amargarh	S-NPP	30.43936	76.05466	13:10:11	D	4.40
419	Malerkotla	Amargarh	S-NPP	30.47050	75.94463	13:10:11	D	2.30
420	Malerkotla	Amargarh	S-NPP	30.48185	75.98428	13:10:11	D	2.80
421	Malerkotla	Amargarh	S-NPP	30.48422	75.98546	13:10:11	D	4.00
422	Malerkotla	Amargarh	S-NPP	30.54188	76.03806	13:10:11	D	4.50
423	Malerkotla	Amargarh	S-NPP	30.54935	76.07823	13:10:11	D	6.90
424	Malerkotla	Amargarh	S-NPP	30.55846	76.06551	13:10:11	D	11.70
425	Malerkotla	Amargarh	S-NPP	30.56289	76.00652	13:10:11	D	3.40

426	Malerkotla	Amargarh	AQUA	30.45500	76.03200	13:37:36	D	33.80
427	Malerkotla	Amargarh	AQUA	30.45600	76.03700	13:37:36	D	21.70
428	Malerkotla	Amargarh	AQUA	30.55300	76.05900	13:37:36	D	10.80
429	Malerkotla	Amargarh	AQUA	30.55600	76.06900	13:37:36	D	9.60
430	Malerkotla	Malerkotla	S-NPP	30.47058	75.84302	13:10:11	D	4.90
431	Malerkotla	Malerkotla	S-NPP	30.48327	75.80751	13:10:11	D	4.50
432	Malerkotla	Malerkotla	S-NPP	30.48524	75.94097	13:10:11	D	3.90
433	Malerkotla	Malerkotla	S-NPP	30.49821	75.94839	13:10:11	D	4.00
434	Malerkotla	Malerkotla	S-NPP	30.50664	75.82864	13:10:11	D	3.40
435	Malerkotla	Malerkotla	S-NPP	30.52459	75.73759	13:10:11	D	5.30
436	Malerkotla	Malerkotla	S-NPP	30.54177	75.80909	13:10:11	D	2.70
437	Malerkotla	Malerkotla	S-NPP	30.55706	75.91250	13:10:11	D	5.20
438	Malerkotla	Malerkotla	S-NPP	30.56529	75.89444	13:10:11	D	13.40
439	Malerkotla	Malerkotla	S-NPP	30.59148	76.02818	13:10:11	D	3.20
440	Malerkotla	Malerkotla	S-NPP	30.61441	76.02777	13:10:11	D	6.50
441	Malerkotla	Malerkotla	AQUA	30.50100	75.84300	13:37:36	D	13.20
442	Malerkotla	Malerkotla	AQUA	30.51900	75.81400	13:37:36	D	9.20
443	Malerkotla	Malerkotla	AQUA	30.53100	75.93600	13:37:36	D	10.20
444	Mansa	Bhikhi	S-NPP	30.01988	75.50222	13:10:11	D	4.20
445	Mansa	Bhikhi	S-NPP	30.02806	75.54529	13:10:11	D	5.70
446	Mansa	Bhikhi	S-NPP	30.03443	75.59972	13:10:11	D	5.80
447	Mansa	Bhikhi	S-NPP	30.03867	75.55948	13:10:11	D	6.40
448	Mansa	Bhikhi	S-NPP	30.05555	75.62791	13:10:11	D	3.80
449	Mansa	Bhikhi	S-NPP	30.06993	75.46445	13:10:11	D	3.90
450	Mansa	Bhikhi	S-NPP	30.08102	75.62446	13:10:11	D	3.90
451	Mansa	Bhikhi	S-NPP	30.08292	75.62663	13:10:11	D	7.80
452	Mansa	Bhikhi	S-NPP	30.08478	75.62352	13:10:11	D	2.50
453	Mansa	Bhikhi	S-NPP	30.10870	75.64533	13:10:11	D	11.60
454	Mansa	Bhikhi	S-NPP	30.11337	75.50438	13:10:11	D	2.70
455	Mansa	Bhikhi	S-NPP	30.13172	75.60065	13:10:11	D	1.80
456	Mansa	Bhikhi	S-NPP	30.14100	75.58717	13:10:11	D	5.10
457	Mansa	Bhikhi	AQUA	29.97200	75.50700	13:37:36	D	22.30
458	Mansa	Bhikhi	AQUA	29.97800	75.50000	13:37:36	D	14.70

459	Mansa	Bhikhi	AQUA	30.03900	75.56100	13:37:36	D	10.90
460	Mansa	Bhikhi	AQUA	30.12000	75.49500	13:37:36	D	13.30
461	Mansa	Budhlada	S-NPP	29.77512	75.57314	13:10:11	D	4.60
462	Mansa	Budhlada	S-NPP	29.80076	75.43596	13:10:11	D	16.20
463	Mansa	Budhlada	S-NPP	29.88453	75.61629	13:10:11	D	4.20
464	Mansa	Budhlada	S-NPP	29.88831	75.61535	13:10:11	D	3.00
465	Mansa	Budhlada	S-NPP	29.96988	75.53169	13:10:11	D	3.40
466	Mansa	Budhlada	S-NPP	29.97473	75.59788	13:10:11	D	9.60
467	Mansa	Budhlada	S-NPP	29.97624	75.59897	13:10:11	D	26.10
468	Mansa	Budhlada	S-NPP	29.97850	75.59694	13:10:11	D	41.60
469	Mansa	Budhlada	S-NPP	29.99566	75.60384	13:10:11	D	13.10
470	Mansa	Budhlada	S-NPP	30.02595	75.67973	13:10:11	D	8.50
471	Mansa	Budhlada	AQUA	29.92900	75.53700	13:37:36	D	19.00
472	Mansa	Budhlada	AQUA	29.97000	75.62200	13:37:36	D	15.30
473	Mansa	Budhlada	AQUA	29.98100	75.57600	13:37:36	D	10.80
474	Mansa	Budhlada	AQUA	29.98200	75.51900	13:37:36	D	10.80
475	Mansa	Budhlada	AQUA	30.01400	75.68100	13:37:36	D	29.50
476	Mansa	Budhlada	AQUA	30.01800	75.68500	13:37:36	D	33.10
477	Mansa	Budhlada	AQUA	30.02600	75.67800	13:37:36	D	18.20
478	Mansa	Jhunir	S-NPP	29.78406	75.41145	13:10:11	D	16.10
479	Mansa	Jhunir	S-NPP	29.78744	75.32393	13:10:11	D	7.30
480	Mansa	Jhunir	S-NPP	29.78789	75.41048	13:10:11	D	6.20
481	Mansa	Jhunir	S-NPP	29.79166	75.34605	13:10:11	D	4.60
482	Mansa	Jhunir	S-NPP	29.82070	75.30726	13:10:11	D	3.10
483	Mansa	Jhunir	S-NPP	29.92219	75.28617	13:10:11	D	2.00
484	Mansa	Jhunir	AQUA	29.78200	75.38800	13:37:36	D	13.20
485	Mansa	Jhunir	AQUA	29.78500	75.40600	13:37:36	D	26.20
486	Mansa	Mansa	S-NPP	29.95670	75.48412	13:10:11	D	4.40
487	Mansa	Mansa	S-NPP	29.95945	75.47776	13:10:11	D	2.50
488	Mansa	Mansa	S-NPP	29.96076	75.44330	13:10:11	D	13.90
489	Mansa	Mansa	S-NPP	30.10125	75.33665	13:10:11	D	4.00
490	Mansa	Sardulgarh	S-NPP	29.55038	75.24773	13:10:11	D	6.70
491	Mansa	Sardulgarh	S-NPP	29.69908	75.30765	13:10:11	D	6.90

492	Mansa	Sardulgarh	S-NPP	29.70020	75.31099	13:10:11	D	3.90
493	Mansa	Sardulgarh	S-NPP	29.73454	75.23796	13:10:11	D	6.60
494	Mansa	Sardulgarh	S-NPP	29.74068	75.35310	13:10:11	D	7.90
495	Mansa	Sardulgarh	S-NPP	29.76650	75.34081	13:10:11	D	3.10
496	Mansa	Sardulgarh	S-NPP	29.77246	75.35089	13:10:11	D	20.00
497	Mansa	Sardulgarh	AQUA	29.77100	75.27000	13:37:36	D	13.60
498	Moga	Bagha Purana	S-NPP	30.60481	75.17436	13:10:11	D	3.00
499	Moga	Bagha Purana	S-NPP	30.60628	75.09853	13:10:11	D	5.40
500	Moga	Bagha Purana	S-NPP	30.63335	75.21892	13:10:11	D	8.20
501	Moga	Bagha Purana	S-NPP	30.63533	75.05943	13:10:11	D	3.30
502	Moga	Bagha Purana	S-NPP	30.63546	75.06178	13:10:11	D	3.30
503	Moga	Bagha Purana	S-NPP	30.69853	75.13625	13:10:11	D	2.90
504	Moga	Bagha Purana	S-NPP	30.76686	74.92307	13:10:11	D	5.40
505	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.90521	75.17706	13:10:11	D	4.30
506	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.91782	75.24229	13:10:11	D	4.40
507	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.95285	75.17620	13:10:11	D	3.60
508	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.96081	75.25960	13:10:11	D	4.40
509	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.98482	75.28172	13:10:11	D	4.70
510	Moga	Kot Ise Khan At Dharamkot	S-NPP	31.01130	75.26121	13:10:11	D	6.70
511	Moga	Kot Ise Khan At Dharamkot	S-NPP	31.01651	75.28811	13:10:11	D	9.70
512	Moga	Kot Ise Khan At Dharamkot	AQUA	30.95300	75.17500	13:37:36	D	12.10
513	Moga	Kot Ise Khan At Dharamkot	AQUA	30.96000	75.25700	13:37:36	D	11.10
514	Moga	Kot Ise Khan At Dharamkot	AQUA	30.98600	75.28200	13:37:36	D	14.70
515	Moga	Kot Ise Khan At Dharamkot	AQUA	31.00200	75.23900	13:37:36	D	11.40
516	Moga	Moga 1	S-NPP	30.71729	75.27497	13:10:11	D	3.60
517	Moga	Moga 1	S-NPP	30.72634	75.36330	13:10:11	D	3.30
518	Moga	Moga 1	S-NPP	30.78467	75.33711	13:10:11	D	3.50
519	Moga	Moga 1	S-NPP	30.78683	75.33412	13:10:11	D	5.30
520	Moga	Moga 1	S-NPP	30.80205	75.39209	13:10:11	D	3.10
521	Moga	Moga 1	S-NPP	30.80581	75.39114	13:10:11	D	5.10
522	Moga	Moga 1	S-NPP	30.80609	75.38791	13:10:11	D	3.70
523	Moga	Moga 1	AQUA	30.71800	75.15900	13:37:36	D	16.50
524	Moga	Moga 1	AQUA	30.76100	75.38000	13:37:36	D	25.70

525	Moga	Moga 2	S-NPP	30.85990	75.15582	13:10:11	D	5.80
526	Moga	Moga 2	S-NPP	30.86083	75.15407	13:10:11	D	6.90
527	Moga	Moga 2	S-NPP	30.86370	75.15483	13:10:11	D	4.40
528	Moga	Nihal Singh	S-NPP	30.56316	75.34200	13:10:11	D	11.70
529	Moga	Nihal Singh	S-NPP	30.58267	75.38232	13:10:11	D	8.80
530	Moga	Nihal Singh	S-NPP	30.58531	75.36229	13:10:11	D	19.90
531	Moga	Nihal Singh	S-NPP	30.58679	75.18477	13:10:11	D	10.10
532	Moga	Nihal Singh	S-NPP	30.58719	75.36420	13:10:11	D	14.10
533	Moga	Nihal Singh	S-NPP	30.61691	75.32023	13:10:11	D	4.60
534	Moga	Nihal Singh	S-NPP	30.62573	75.22086	13:10:11	D	10.60
535	Moga	Nihal Singh	S-NPP	30.63790	75.26360	13:10:11	D	3.10
536	Moga	Nihal Singh	S-NPP	30.65446	75.28789	13:10:11	D	3.00
537	Moga	Nihal Singh	S-NPP	30.65479	75.31056	13:10:11	D	6.10
538	Moga	Nihal Singh	S-NPP	30.66371	75.33665	13:10:11	D	8.90
539	Moga	Nihal Singh	S-NPP	30.66378	75.27411	13:10:11	D	9.60
540	Moga	Nihal Singh	S-NPP	30.66749	75.33568	13:10:11	D	8.90
541	Moga	Nihal Singh	S-NPP	30.67476	75.31113	13:10:11	D	12.90
542	Moga	Nihal Singh	AQUA	30.54000	75.19900	13:37:36	D	22.00
543	Moga	Nihal Singh	AQUA	30.58400	75.25800	13:37:36	D	18.30
544	Moga	Nihal Singh	AQUA	30.58500	75.24600	13:37:36	D	12.60
545	Moga	Nihal Singh	AQUA	30.64100	75.30200	13:37:36	D	25.20
546	Moga	Nihal Singh	AQUA	30.67900	75.31100	13:37:36	D	29.40
547	Moga	Nihal Singh	AQUA	30.68600	75.30400	13:37:36	D	20.70
548	Moga	Nihal Singh	AQUA	30.69000	75.32300	13:37:36	D	17.10
549	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.15617	74.62191	13:10:11	D	3.20
550	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.16767	74.70082	13:10:11	D	10.60
551	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.16952	74.66829	13:10:11	D	1.70
552	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.17425	74.67120	13:10:11	D	2.60
553	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.17672	74.70467	13:10:11	D	7.30
554	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.20892	74.67872	13:10:11	D	6.10
555	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.22349	74.57643	13:10:11	D	19.10
556	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.22745	74.57541	13:10:11	D	19.10
557	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.23065	74.63291	13:10:11	D	1.90

558	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.24093	74.62193	13:10:11	D	6.10
559	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.24172	74.62588	13:10:11	D	5.60
560	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.30108	74.58956	13:10:11	D	3.10
561	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.33366	74.60194	13:10:11	D	2.60
562	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.33601	74.57217	13:10:11	D	1.50
563	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.34947	74.55614	13:10:11	D	4.50
564	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.37715	74.56973	13:10:11	D	5.10
565	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.44685	74.66029	13:10:11	D	4.60
566	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.47086	74.63549	13:10:11	D	2.40
567	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.15700	74.60900	13:37:36	D	14.00
568	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.18900	74.70900	13:37:36	D	30.20
569	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.19100	74.70400	13:37:36	D	30.30
570	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.27600	74.61500	13:37:36	D	22.30
571	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.27800	74.60800	13:37:36	D	21.60
572	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.39500	74.72300	13:37:36	D	15.30
573	Muktsar	Lambi	S-NPP	29.93302	74.55801	13:10:11	D	2.20
574	Muktsar	Lambi	S-NPP	29.94978	74.55786	13:10:11	D	11.50
575	Muktsar	Lambi	S-NPP	30.06435	74.62501	13:10:11	D	2.90
576	Muktsar	Lambi	S-NPP	30.06530	74.50257	13:10:11	D	10.20
577	Muktsar	Lambi	S-NPP	30.14270	74.63792	13:10:11	D	4.60
578	Muktsar	Malout	S-NPP	30.15141	74.40764	13:10:11	D	2.70
579	Muktsar	Malout	S-NPP	30.16583	74.43803	13:10:11	D	2.80
580	Muktsar	Malout	S-NPP	30.16984	74.43698	13:10:11	D	3.40
581	Muktsar	Malout	S-NPP	30.17502	74.39873	13:10:11	D	9.10
582	Muktsar	Malout	S-NPP	30.17545	74.40130	13:10:11	D	9.50
583	Muktsar	Malout	S-NPP	30.18089	74.44840	13:10:11	D	2.10
584	Muktsar	Malout	S-NPP	30.18422	74.44599	13:10:11	D	5.40
585	Muktsar	Malout	S-NPP	30.18488	74.44736	13:10:11	D	2.10
586	Muktsar	Malout	S-NPP	30.20297	74.36993	13:10:11	D	4.90
587	Muktsar	Malout	S-NPP	30.21146	74.51661	13:10:11	D	3.40
588	Muktsar	Malout	S-NPP	30.23277	74.41346	13:10:11	D	11.40
589	Muktsar	Malout	S-NPP	30.23677	74.41241	13:10:11	D	11.40
590	Muktsar	Malout	S-NPP	30.36364	74.33212	13:10:11	D	20.50

591	Muktsar	Malout	S-NPP	30.36445	74.33619	13:10:11	D	20.50
592	Muktsar	Malout	AQUA	30.19300	74.39300	13:37:36	D	27.20
593	Muktsar	Malout	AQUA	30.23100	74.44300	13:37:36	D	20.20
594	Muktsar	Muktsar	S-NPP	30.44168	74.38457	13:10:11	D	5.90
595	Muktsar	Muktsar	S-NPP	30.46501	74.60606	13:10:11	D	13.50
596	Muktsar	Muktsar	S-NPP	30.47012	74.61092	13:10:11	D	13.50
597	Muktsar	Muktsar	S-NPP	30.50273	74.56610	13:10:11	D	3.10
598	Muktsar	Muktsar	S-NPP	30.52093	74.42311	13:10:11	D	4.70
599	Muktsar	Muktsar	S-NPP	30.53069	74.68758	13:10:11	D	3.60
600	Muktsar	Muktsar	S-NPP	30.53616	74.47803	13:10:11	D	2.30
601	Muktsar	Muktsar	S-NPP	30.62148	74.53064	13:10:11	D	5.40
602	Muktsar	Muktsar	S-NPP	30.62543	74.52960	13:10:11	D	10.50
603	Muktsar	Muktsar	AQUA	30.43100	74.37600	13:37:36	D	15.50
604	Muktsar	Muktsar	AQUA	30.43500	74.39700	13:37:36	D	22.20
605	Muktsar	Muktsar	AQUA	30.61300	74.49900	13:37:36	D	12.50
606	Muktsar	Muktsar	AQUA	30.61700	74.52000	13:37:36	D	12.30
607	Muktsar	Muktsar	AQUA	30.61900	74.51200	13:37:36	D	18.70
608	Patiala	Nabha	S-NPP	30.32788	76.22602	13:10:11	D	2.80
609	Patiala	Nabha	S-NPP	30.33064	76.24088	13:10:11	D	5.30
610	Patiala	Nabha	S-NPP	30.33760	76.09319	13:10:11	D	3.20
611	Patiala	Nabha	S-NPP	30.34650	75.99594	13:10:11	D	5.60
612	Patiala	Nabha	S-NPP	30.35299	76.01025	13:10:11	D	6.10
613	Patiala	Nabha	S-NPP	30.39172	76.09562	13:10:11	D	3.30
614	Patiala	Nabha	S-NPP	30.39272	76.09240	13:10:11	D	2.60
615	Patiala	Nabha	S-NPP	30.39983	76.04858	13:10:11	D	5.10
616	Patiala	Nabha	S-NPP	30.40747	76.10975	13:10:11	D	8.40
617	Patiala	Nabha	S-NPP	30.41641	76.05504	13:10:11	D	7.00
618	Patiala	Nabha	S-NPP	30.43421	76.17103	13:10:11	D	8.50
619	Patiala	Nabha	S-NPP	30.44327	76.13754	13:10:11	D	3.10
620	Patiala	Nabha	S-NPP	30.46698	76.10036	13:10:11	D	3.60
621	Patiala	Nabha	S-NPP	30.46793	76.12627	13:10:11	D	3.40
622	Patiala	Nabha	S-NPP	30.48342	76.06483	13:10:11	D	1.80
623	Patiala	Nabha	S-NPP	30.48893	76.07397	13:10:11	D	3.50

624	Patiala	Nabha	S-NPP	30.49068	76.07169	13:10:11	D	7.50
625	Patiala	Nabha	S-NPP	30.49259	76.07306	13:10:11	D	3.50
626	Patiala	Nabha	S-NPP	30.51190	76.10313	13:10:11	D	15.10
627	Patiala	Nabha	S-NPP	30.51556	76.10223	13:10:11	D	15.10
628	Patiala	Nabha	S-NPP	30.52100	76.09045	13:10:11	D	4.90
629	Patiala	Nabha	S-NPP	30.52194	76.09545	13:10:11	D	5.20
630	Patiala	Nabha	S-NPP	30.54604	76.24518	13:10:11	D	2.80
631	Patiala	Nabha	AQUA	30.33000	76.23200	13:37:36	D	9.70
632	Patiala	Nabha	AQUA	30.33300	76.24800	13:37:36	D	18.80
633	Patiala	Nabha	AQUA	30.33800	76.09200	13:37:36	D	13.40
634	Patiala	Nabha	AQUA	30.34000	76.03900	13:37:36	D	22.60
635	Patiala	Nabha	AQUA	30.40800	76.08500	13:37:36	D	10.10
636	Patiala	Nabha	AQUA	30.41100	76.10100	13:37:36	D	19.70
637	Patiala	Nabha	AQUA	30.52500	76.15300	13:37:36	D	22.40
638	Patiala	Patiala	S-NPP	30.42559	76.42771	13:10:11	D	4.10
639	Patiala	Patiala	AQUA	30.32200	76.25100	13:37:36	D	16.60
640	Patiala	Patiala	AQUA	30.39000	76.36800	13:37:36	D	16.10
641	Patiala	Patiala	AQUA	30.46300	76.37700	13:37:36	D	48.20
642	Patiala	Patran	S-NPP	29.82292	76.13747	13:10:11	D	6.90
643	Patiala	Patran	S-NPP	30.01762	76.03107	13:10:11	D	2.00
644	Patiala	Patran	S-NPP	30.05105	76.05832	13:10:11	D	6.00
645	Patiala	Patran	S-NPP	30.05281	76.05434	13:10:11	D	2.20
646	Patiala	Samana	S-NPP	30.04934	76.18188	13:10:11	D	4.60
647	Patiala	Samana	S-NPP	30.05849	76.14812	13:10:11	D	10.80
648	Patiala	Samana	S-NPP	30.06444	76.12907	13:10:11	D	4.00
649	Patiala	Samana	S-NPP	30.06763	76.09312	13:10:11	D	2.60
650	Patiala	Samana	S-NPP	30.06856	76.09818	13:10:11	D	6.50
651	Patiala	Samana	S-NPP	30.06977	76.09610	13:10:11	D	15.50
652	Patiala	Samana	S-NPP	30.08030	76.17247	13:10:11	D	8.80
653	Patiala	Samana	S-NPP	30.08237	76.17380	13:10:11	D	7.90
654	Patiala	Samana	S-NPP	30.14187	76.23576	13:10:11	D	9.40
655	Patiala	Samana	S-NPP	30.17935	76.10620	13:10:11	D	2.60
656	Patiala	Samana	S-NPP	30.19164	76.22582	13:10:11	D	2.50

657	Patiala	Samana	S-NPP	30.20323	76.14471	13:10:11	D	3.60
658	Patiala	Samana	S-NPP	30.21536	76.20963	13:10:11	D	4.60
659	Patiala	Samana	S-NPP	30.21797	76.16204	13:10:11	D	30.90
660	Patiala	Samana	S-NPP	30.23825	76.23003	13:10:11	D	5.20
661	Patiala	Samana	AQUA	30.05800	76.14500	13:37:36	D	9.90
662	Patiala	Samana	AQUA	30.06800	76.19500	13:37:36	D	10.20
663	Patiala	Samana	AQUA	30.10100	76.18700	13:37:36	D	9.60
664	Patiala	Samana	AQUA	30.10300	76.19900	13:37:36	D	12.60
665	Patiala	Samana	AQUA	30.10400	76.20300	13:37:36	D	8.30
666	Patiala	Samana	AQUA	30.12300	76.12400	13:37:36	D	10.80
667	Patiala	Samana	AQUA	30.14400	76.17100	13:37:36	D	10.10
668	Patiala	Samana	AQUA	30.22900	76.24600	13:37:36	D	9.50
669	Patiala	Sanaur	S-NPP	30.19746	76.31023	13:10:11	D	6.30
670	Patiala	Sanaur	S-NPP	30.19836	76.31516	13:10:11	D	6.30
671	Patiala	Shambu Kalan	S-NPP	30.04286	76.14669	13:10:11	D	3.10
672	Patiala	Shambu Kalan	S-NPP	30.43456	76.60149	13:10:11	D	4.40
673	Sangrur	Andana	S-NPP	29.74147	75.99187	13:10:11	D	10.70
674	Sangrur	Andana	S-NPP	29.75182	76.00548	13:10:11	D	4.20
675	Sangrur	Andana	S-NPP	29.76804	75.92590	13:10:11	D	3.90
676	Sangrur	Andana	S-NPP	29.76971	76.03864	13:10:11	D	6.20
677	Sangrur	Andana	S-NPP	29.77450	76.06421	13:10:11	D	3.80
678	Sangrur	Andana	S-NPP	29.77468	75.94052	13:10:11	D	6.10
679	Sangrur	Andana	S-NPP	29.77923	75.92313	13:10:11	D	2.30
680	Sangrur	Andana	S-NPP	29.78669	75.92130	13:10:11	D	6.80
681	Sangrur	Andana	S-NPP	29.78922	76.03922	13:10:11	D	5.10
682	Sangrur	Andana	S-NPP	29.79959	76.07410	13:10:11	D	3.60
683	Sangrur	Andana	S-NPP	29.80401	75.84620	13:10:11	D	2.90
684	Sangrur	Andana	S-NPP	29.80423	76.07829	13:10:11	D	4.70
685	Sangrur	Andana	S-NPP	29.80509	76.06207	13:10:11	D	3.30
686	Sangrur	Andana	S-NPP	29.80586	76.02441	13:10:11	D	11.10
687	Sangrur	Andana	S-NPP	29.80794	76.07738	13:10:11	D	4.70
688	Sangrur	Andana	S-NPP	29.82310	75.94759	13:10:11	D	6.90
689	Sangrur	Andana	S-NPP	29.82322	75.95019	13:10:11	D	5.20

690	Sangrur	Andana	S-NPP	29.84251	75.92661	13:10:11	D	2.50
691	Sangrur	Andana	AQUA	29.75000	75.99400	13:37:36	D	12.40
692	Sangrur	Andana	AQUA	29.75300	76.01200	13:37:36	D	11.40
693	Sangrur	Andana	AQUA	29.78800	76.01400	13:37:36	D	17.90
694	Sangrur	Andana	AQUA	29.79000	76.02000	13:37:36	D	30.30
695	Sangrur	Andana	AQUA	29.79100	76.03100	13:37:36	D	14.50
696	Sangrur	Bhawanigarh	S-NPP	30.14486	75.95780	13:10:11	D	3.30
697	Sangrur	Bhawanigarh	S-NPP	30.15245	76.00151	13:10:11	D	4.30
698	Sangrur	Bhawanigarh	S-NPP	30.15256	76.04404	13:10:11	D	3.90
699	Sangrur	Bhawanigarh	S-NPP	30.15357	76.00369	13:10:11	D	7.90
700	Sangrur	Bhawanigarh	S-NPP	30.15597	75.95507	13:10:11	D	12.60
701	Sangrur	Bhawanigarh	S-NPP	30.16358	76.02007	13:10:11	D	2.60
702	Sangrur	Bhawanigarh	S-NPP	30.17328	76.04666	13:10:11	D	17.50
703	Sangrur	Bhawanigarh	S-NPP	30.18243	76.03382	13:10:11	D	3.00
704	Sangrur	Bhawanigarh	S-NPP	30.18846	75.96310	13:10:11	D	13.20
705	Sangrur	Bhawanigarh	S-NPP	30.18942	75.96822	13:10:11	D	6.50
706	Sangrur	Bhawanigarh	S-NPP	30.18955	75.98952	13:10:11	D	2.40
707	Sangrur	Bhawanigarh	S-NPP	30.19312	75.96730	13:10:11	D	6.50
708	Sangrur	Bhawanigarh	S-NPP	30.21054	75.93623	13:10:11	D	19.90
709	Sangrur	Bhawanigarh	S-NPP	30.22668	76.02293	13:10:11	D	3.60
710	Sangrur	Bhawanigarh	S-NPP	30.22848	76.01187	13:10:11	D	8.80
711	Sangrur	Bhawanigarh	S-NPP	30.23036	76.02203	13:10:11	D	9.40
712	Sangrur	Bhawanigarh	S-NPP	30.23664	75.97256	13:10:11	D	3.20
713	Sangrur	Bhawanigarh	S-NPP	30.24591	75.98093	13:10:11	D	6.00
714	Sangrur	Bhawanigarh	S-NPP	30.24817	76.13895	13:10:11	D	8.90
715	Sangrur	Bhawanigarh	S-NPP	30.24866	75.97492	13:10:11	D	6.00
716	Sangrur	Bhawanigarh	S-NPP	30.24960	75.98002	13:10:11	D	6.00
717	Sangrur	Bhawanigarh	S-NPP	30.25501	75.98129	13:10:11	D	12.90
718	Sangrur	Bhawanigarh	S-NPP	30.25793	75.98329	13:10:11	D	13.40
719	Sangrur	Bhawanigarh	S-NPP	30.26006	76.12031	13:10:11	D	5.00
720	Sangrur	Bhawanigarh	S-NPP	30.26098	76.12532	13:10:11	D	5.00
721	Sangrur	Bhawanigarh	S-NPP	30.26280	76.11438	13:10:11	D	6.10
722	Sangrur	Bhawanigarh	S-NPP	30.27006	76.04932	13:10:11	D	22.80

723	Sangrur	Bhawanigarh	S-NPP	30.27117	76.04630	13:10:11	D	12.40
724	Sangrur	Bhawanigarh	S-NPP	30.27567	76.18446	13:10:11	D	2.90
725	Sangrur	Bhawanigarh	S-NPP	30.27654	76.08469	13:10:11	D	10.50
726	Sangrur	Bhawanigarh	S-NPP	30.27784	76.08158	13:10:11	D	15.00
727	Sangrur	Bhawanigarh	S-NPP	30.28298	76.20349	13:10:11	D	2.20
728	Sangrur	Bhawanigarh	S-NPP	30.29242	76.05691	13:10:11	D	5.40
729	Sangrur	Bhawanigarh	S-NPP	30.29301	75.99854	13:10:11	D	4.00
730	Sangrur	Bhawanigarh	S-NPP	30.29336	76.06195	13:10:11	D	13.50
731	Sangrur	Bhawanigarh	S-NPP	30.29487	76.18496	13:10:11	D	4.00
732	Sangrur	Bhawanigarh	S-NPP	30.29704	76.06104	13:10:11	D	13.50
733	Sangrur	Bhawanigarh	S-NPP	30.30216	75.98563	13:10:11	D	19.40
734	Sangrur	Bhawanigarh	S-NPP	30.31607	75.99815	13:10:11	D	2.50
735	Sangrur	Bhawanigarh	S-NPP	30.31900	76.03452	13:10:11	D	5.90
736	Sangrur	Bhawanigarh	S-NPP	30.32071	76.00231	13:10:11	D	4.60
737	Sangrur	Bhawanigarh	AQUA	30.23400	75.96500	13:37:36	D	26.70
738	Sangrur	Bhawanigarh	AQUA	30.24800	75.97900	13:37:36	D	22.50
739	Sangrur	Bhawanigarh	AQUA	30.25300	76.06700	13:37:36	D	23.10
740	Sangrur	Bhawanigarh	AQUA	30.29700	75.99700	13:37:36	D	17.40
741	Sangrur	Bhawanigarh	AQUA	30.31900	75.99100	13:37:36	D	16.50
742	Sangrur	Dhuri	S-NPP	30.31014	75.92497	13:10:11	D	5.30
743	Sangrur	Dhuri	S-NPP	30.32997	75.82316	13:10:11	D	4.40
744	Sangrur	Dhuri	S-NPP	30.33054	75.93063	13:10:11	D	3.50
745	Sangrur	Dhuri	S-NPP	30.34334	75.89530	13:10:11	D	2.80
746	Sangrur	Dhuri	S-NPP	30.34721	75.93718	13:10:11	D	4.50
747	Sangrur	Dhuri	S-NPP	30.34788	75.79419	13:10:11	D	2.70
748	Sangrur	Dhuri	S-NPP	30.34852	75.85886	13:10:11	D	4.70
749	Sangrur	Dhuri	S-NPP	30.34875	75.86167	13:10:11	D	4.70
750	Sangrur	Dhuri	S-NPP	30.35789	75.86732	13:10:11	D	3.80
751	Sangrur	Dhuri	S-NPP	30.41410	75.96036	13:10:11	D	5.80
752	Sangrur	Dhuri	S-NPP	30.41779	75.95944	13:10:11	D	5.80
753	Sangrur	Dhuri	S-NPP	30.42874	75.93542	13:10:11	D	7.10
754	Sangrur	Dhuri	S-NPP	30.43159	75.95071	13:10:11	D	3.80
755	Sangrur	Dhuri	S-NPP	30.43317	75.89693	13:10:11	D	12.00

756	Sangrur	Dhuri	S-NPP	30.43348	75.96088	13:10:11	D	2.50
757	Sangrur	Dhuri	AQUA	30.42300	75.86300	13:37:36	D	9.70
758	Sangrur	Dhuri	AQUA	30.42500	75.86800	13:37:36	D	14.80
759	Sangrur	Dhuri	AQUA	30.42500	75.99300	13:37:36	D	23.40
760	Sangrur	Dhuri	AQUA	30.43900	75.94800	13:37:36	D	27.70
761	Sangrur	Dirba	S-NPP	29.95669	75.93346	13:10:11	D	4.90
762	Sangrur	Dirba	S-NPP	30.02950	75.99077	13:10:11	D	4.10
763	Sangrur	Dirba	S-NPP	30.03502	75.97869	13:10:11	D	4.60
764	Sangrur	Dirba	S-NPP	30.03698	76.01032	13:10:11	D	2.60
765	Sangrur	Dirba	S-NPP	30.04086	75.94336	13:10:11	D	7.00
766	Sangrur	Dirba	S-NPP	30.04721	76.03803	13:10:11	D	6.90
767	Sangrur	Dirba	S-NPP	30.05001	76.03909	13:10:11	D	5.20
768	Sangrur	Dirba	S-NPP	30.06745	76.02243	13:10:11	D	14.30
769	Sangrur	Dirba	S-NPP	30.07136	75.91969	13:10:11	D	2.70
770	Sangrur	Dirba	S-NPP	30.07593	76.04694	13:10:11	D	2.90
771	Sangrur	Dirba	S-NPP	30.07604	75.92393	13:10:11	D	2.70
772	Sangrur	Dirba	S-NPP	30.07618	76.08925	13:10:11	D	8.90
773	Sangrur	Dirba	S-NPP	30.08032	76.00861	13:10:11	D	17.40
774	Sangrur	Dirba	S-NPP	30.08279	75.95987	13:10:11	D	5.30
775	Sangrur	Dirba	S-NPP	30.08427	76.05019	13:10:11	D	10.20
776	Sangrur	Dirba	S-NPP	30.08828	75.94779	13:10:11	D	6.60
777	Sangrur	Dirba	S-NPP	30.09249	76.03225	13:10:11	D	2.90
778	Sangrur	Dirba	S-NPP	30.09762	75.95621	13:10:11	D	19.10
779	Sangrur	Dirba	S-NPP	30.10120	75.93387	13:10:11	D	15.00
780	Sangrur	Dirba	S-NPP	30.10884	75.97488	13:10:11	D	6.00
781	Sangrur	Dirba	S-NPP	30.10957	75.93718	13:10:11	D	2.40
782	Sangrur	Dirba	S-NPP	30.10969	75.95860	13:10:11	D	35.50
783	Sangrur	Dirba	S-NPP	30.11265	75.99531	13:10:11	D	3.90
784	Sangrur	Dirba	S-NPP	30.11370	76.02171	13:10:11	D	5.60
785	Sangrur	Dirba	S-NPP	30.11413	75.91991	13:10:11	D	6.40
786	Sangrur	Dirba	S-NPP	30.11435	75.96281	13:10:11	D	7.70
787	Sangrur	Dirba	S-NPP	30.11559	76.03189	13:10:11	D	4.80
788	Sangrur	Dirba	S-NPP	30.12297	76.03008	13:10:11	D	4.50

789	Sangrur	Dirba	S-NPP	30.12726	75.94891	13:10:11	D	14.90
790	Sangrur	Dirba	S-NPP	30.12821	75.95404	13:10:11	D	14.90
791	Sangrur	Dirba	S-NPP	30.12907	75.93773	13:10:11	D	2.90
792	Sangrur	Dirba	S-NPP	30.12941	76.02317	13:10:11	D	10.70
793	Sangrur	Dirba	S-NPP	30.13192	75.95312	13:10:11	D	2.90
794	Sangrur	Dirba	S-NPP	30.13217	76.01717	13:10:11	D	31.80
795	Sangrur	Dirba	S-NPP	30.13562	75.95220	13:10:11	D	2.90
796	Sangrur	Dirba	S-NPP	30.13588	75.89017	13:10:11	D	6.00
797	Sangrur	Dirba	S-NPP	30.13630	75.89285	13:10:11	D	16.70
798	Sangrur	Dirba	S-NPP	30.13657	75.95733	13:10:11	D	5.60
799	Sangrur	Dirba	S-NPP	30.13686	75.89531	13:10:11	D	10.80
800	Sangrur	Dirba	S-NPP	30.14579	75.94432	13:10:11	D	6.40
801	Sangrur	Dirba	S-NPP	30.14662	75.94666	13:10:11	D	6.20
802	Sangrur	Dirba	S-NPP	30.14950	75.94341	13:10:11	D	6.40
803	Sangrur	Dirba	S-NPP	30.15033	75.94574	13:10:11	D	6.20
804	Sangrur	Dirba	S-NPP	30.15306	75.93971	13:10:11	D	5.30
805	Sangrur	Dirba	S-NPP	30.15464	75.90710	13:10:11	D	2.50
806	Sangrur	Dirba	S-NPP	30.18421	76.02277	13:10:11	D	4.70
807	Sangrur	Dirba	AQUA	30.05500	76.00500	13:37:36	D	10.70
808	Sangrur	Dirba	AQUA	30.09100	75.95500	13:37:36	D	19.80
809	Sangrur	Dirba	AQUA	30.10300	76.07600	13:37:36	D	24.70
810	Sangrur	Dirba	AQUA	30.11800	75.91200	13:37:36	D	26.70
811	Sangrur	Dirba	AQUA	30.14100	76.03100	13:37:36	D	12.80
812	Sangrur	Dirba	AQUA	30.15000	75.89700	13:37:36	D	26.60
813	Sangrur	Lehra Gaga	S-NPP	29.89564	75.91893	13:10:11	D	12.40
814	Sangrur	Lehra Gaga	S-NPP	29.90405	75.92227	13:10:11	D	3.90
815	Sangrur	Lehra Gaga	S-NPP	29.93994	75.74134	13:10:11	D	14.50
816	Sangrur	Lehra Gaga	S-NPP	29.94340	75.90434	13:10:11	D	2.70
817	Sangrur	Lehra Gaga	S-NPP	29.95676	75.83041	13:10:11	D	28.40
818	Sangrur	Lehra Gaga	S-NPP	29.96836	75.66232	13:10:11	D	3.90
819	Sangrur	Lehra Gaga	S-NPP	29.97273	75.72768	13:10:11	D	8.70
820	Sangrur	Lehra Gaga	S-NPP	29.97803	75.79781	13:10:11	D	7.50
821	Sangrur	Lehra Gaga	S-NPP	29.97883	75.78116	13:10:11	D	4.90

822	Sangrur	Lehra Gaga	S-NPP	29.98436	75.89422	13:10:11	D	2.40
823	Sangrur	Lehra Gaga	S-NPP	29.98584	75.83955	13:10:11	D	5.10
824	Sangrur	Lehra Gaga	S-NPP	29.98746	75.80640	13:10:11	D	3.40
825	Sangrur	Lehra Gaga	S-NPP	29.99829	75.88537	13:10:11	D	5.90
826	Sangrur	Lehra Gaga	S-NPP	30.00271	75.84625	13:10:11	D	8.00
827	Sangrur	Lehra Gaga	S-NPP	30.00450	75.83492	13:10:11	D	6.80
828	Sangrur	Lehra Gaga	S-NPP	30.00547	75.84013	13:10:11	D	6.80
829	Sangrur	Lehra Gaga	S-NPP	30.00644	75.84533	13:10:11	D	8.00
830	Sangrur	Lehra Gaga	S-NPP	30.02627	75.88927	13:10:11	D	2.90
831	Sangrur	Lehra Gaga	S-NPP	30.02735	75.89276	13:10:11	D	3.30
832	Sangrur	Lehra Gaga	AQUA	29.95100	75.64600	13:37:36	D	18.80
833	Sangrur	Lehra Gaga	AQUA	30.02400	75.90500	13:37:36	D	21.40
834	Sangrur	Sangrur	S-NPP	30.17205	75.87582	13:10:11	D	4.90
835	Sangrur	Sangrur	S-NPP	30.17348	75.71750	13:10:11	D	3.80
836	Sangrur	Sangrur	S-NPP	30.17577	75.87491	13:10:11	D	4.90
837	Sangrur	Sangrur	S-NPP	30.17976	75.79255	13:10:11	D	2.70
838	Sangrur	Sangrur	S-NPP	30.18135	75.75941	13:10:11	D	2.70
839	Sangrur	Sangrur	S-NPP	30.18509	75.75847	13:10:11	D	2.70
840	Sangrur	Sangrur	S-NPP	30.18529	75.90488	13:10:11	D	5.00
841	Sangrur	Sangrur	S-NPP	30.18625	75.78548	13:10:11	D	22.70
842	Sangrur	Sangrur	S-NPP	30.19031	75.82800	13:10:11	D	5.30
843	Sangrur	Sangrur	S-NPP	30.20084	75.73811	13:10:11	D	4.70
844	Sangrur	Sangrur	S-NPP	30.20960	75.78513	13:10:11	D	2.60
845	Sangrur	Sangrur	S-NPP	30.20989	75.82855	13:10:11	D	8.10
846	Sangrur	Sangrur	S-NPP	30.21086	75.83374	13:10:11	D	14.10
847	Sangrur	Sangrur	S-NPP	30.21449	75.74854	13:10:11	D	16.60
848	Sangrur	Sangrur	S-NPP	30.21497	75.75101	13:10:11	D	15.20
849	Sangrur	Sangrur	S-NPP	30.21592	75.90269	13:10:11	D	7.60
850	Sangrur	Sangrur	S-NPP	30.21656	75.61584	13:10:11	D	4.10
851	Sangrur	Sangrur	S-NPP	30.21823	75.74762	13:10:11	D	10.10
852	Sangrur	Sangrur	S-NPP	30.21830	75.83189	13:10:11	D	3.40
853	Sangrur	Sangrur	S-NPP	30.21871	75.75008	13:10:11	D	13.50
854	Sangrur	Sangrur	S-NPP	30.21951	75.88026	13:10:11	D	1.90

855	Sangrur	Sangrur	S-NPP	30.22065	75.76053	13:10:11	D	10.80
856	Sangrur	Sangrur	S-NPP	30.22122	75.76325	13:10:11	D	15.40
857	Sangrur	Sangrur	S-NPP	30.22741	75.79703	13:10:11	D	14.90
858	Sangrur	Sangrur	S-NPP	30.23114	75.79610	13:10:11	D	14.90
859	Sangrur	Sangrur	S-NPP	30.23190	75.94701	13:10:11	D	2.70
860	Sangrur	Sangrur	S-NPP	30.23361	75.91443	13:10:11	D	2.10
861	Sangrur	Sangrur	S-NPP	30.23365	75.78741	13:10:11	D	14.80
862	Sangrur	Sangrur	S-NPP	30.23560	75.94609	13:10:11	D	2.70
863	Sangrur	Sangrur	S-NPP	30.23595	75.82207	13:10:11	D	5.30
864	Sangrur	Sangrur	S-NPP	30.23662	75.80299	13:10:11	D	9.30
865	Sangrur	Sangrur	S-NPP	30.23685	75.82464	13:10:11	D	7.50
866	Sangrur	Sangrur	S-NPP	30.23738	75.78649	13:10:11	D	14.80
867	Sangrur	Sangrur	S-NPP	30.24232	75.81244	13:10:11	D	28.50
868	Sangrur	Sangrur	S-NPP	30.24331	75.81761	13:10:11	D	7.30
869	Sangrur	Sangrur	S-NPP	30.24337	75.92006	13:10:11	D	5.00
870	Sangrur	Sangrur	S-NPP	30.24670	75.94334	13:10:11	D	4.70
871	Sangrur	Sangrur	S-NPP	30.24681	75.79504	13:10:11	D	3.70
872	Sangrur	Sangrur	S-NPP	30.24963	75.70692	13:10:11	D	13.50
873	Sangrur	Sangrur	S-NPP	30.26091	75.91036	13:10:11	D	4.60
874	Sangrur	Sangrur	S-NPP	30.26249	75.77480	13:10:11	D	9.60
875	Sangrur	Sangrur	S-NPP	30.26303	75.94197	13:10:11	D	7.40
876	Sangrur	Sangrur	S-NPP	30.26445	75.78520	13:10:11	D	10.20
877	Sangrur	Sangrur	S-NPP	30.26601	75.75211	13:10:11	D	2.50
878	Sangrur	Sangrur	S-NPP	30.27008	75.89735	13:10:11	D	6.80
879	Sangrur	Sangrur	S-NPP	30.27105	75.90249	13:10:11	D	6.80
880	Sangrur	Sangrur	S-NPP	30.27492	75.92297	13:10:11	D	5.10
881	Sangrur	Sangrur	S-NPP	30.27618	75.84735	13:10:11	D	4.30
882	Sangrur	Sangrur	S-NPP	30.27715	75.85251	13:10:11	D	5.30
883	Sangrur	Sangrur	S-NPP	30.27972	75.82484	13:10:11	D	37.00
884	Sangrur	Sangrur	S-NPP	30.27990	75.84643	13:10:11	D	4.30
885	Sangrur	Sangrur	S-NPP	30.28055	75.93229	13:10:11	D	8.00
886	Sangrur	Sangrur	S-NPP	30.28184	75.85674	13:10:11	D	5.30
887	Sangrur	Sangrur	S-NPP	30.28344	75.82391	13:10:11	D	37.00

888	Sangrur	Sangrur	S-NPP	30.28699	75.80134	13:10:11	D	7.80
889	Sangrur	Sangrur	S-NPP	30.28910	75.83333	13:10:11	D	5.50
890	Sangrur	Sangrur	S-NPP	30.29007	75.83849	13:10:11	D	4.30
891	Sangrur	Sangrur	S-NPP	30.29261	75.93466	13:10:11	D	3.40
892	Sangrur	Sangrur	S-NPP	30.29443	75.79949	13:10:11	D	38.10
893	Sangrur	Sangrur	S-NPP	30.29698	75.89606	13:10:11	D	3.90
894	Sangrur	Sangrur	S-NPP	30.29815	75.79856	13:10:11	D	5.60
895	Sangrur	Sangrur	S-NPP	30.29943	75.84698	13:10:11	D	5.70
896	Sangrur	Sangrur	AQUA	30.15200	75.60100	13:37:36	D	16.60
897	Sangrur	Sangrur	AQUA	30.19000	75.61000	13:37:36	D	9.90
898	Sangrur	Sangrur	AQUA	30.21700	75.88000	13:37:36	D	10.70
899	Sangrur	Sangrur	AQUA	30.22900	75.70700	13:37:36	D	17.90
900	Sangrur	Sangrur	AQUA	30.27400	75.75100	13:37:36	D	31.90
901	Sangrur	Sangrur	AQUA	30.27400	75.87800	13:37:36	D	29.10
902	Sangrur	Sangrur	AQUA	30.29500	75.80000	13:37:36	D	36.30
903	Sangrur	Sher Pur	S-NPP	30.28979	75.69140	13:10:11	D	3.20
904	Sangrur	Sher Pur	S-NPP	30.41026	75.66943	13:10:11	D	9.00
905	Sangrur	Sher Pur	S-NPP	30.42683	75.67472	13:10:11	D	4.20
906	Sangrur	Sher Pur	S-NPP	30.42716	75.67618	13:10:11	D	3.90
907	Sangrur	Sher Pur	S-NPP	30.42995	75.81706	13:10:11	D	2.60
908	Sangrur	Sher Pur	S-NPP	30.43120	75.71895	13:10:11	D	9.10
909	Sangrur	Sher Pur	S-NPP	30.43209	75.72260	13:10:11	D	16.00
910	Sangrur	Sher Pur	S-NPP	30.43216	75.72417	13:10:11	D	9.10
911	Sangrur	Sher Pur	S-NPP	30.44898	75.72930	13:10:11	D	7.00
912	Sangrur	Sher Pur	S-NPP	30.45339	75.79335	13:10:11	D	13.90
913	Sangrur	Sher Pur	S-NPP	30.45787	75.77599	13:10:11	D	13.70
914	Sangrur	Sher Pur	S-NPP	30.45808	75.79759	13:10:11	D	13.90
915	Sangrur	Sher Pur	S-NPP	30.46158	75.77507	13:10:11	D	13.70
916	Sangrur	Sher Pur	S-NPP	30.46530	75.77415	13:10:11	D	15.00
917	Sangrur	Sher Pur	S-NPP	30.47089	75.68011	13:10:11	D	2.90
918	Sangrur	Sher Pur	S-NPP	30.47308	75.71236	13:10:11	D	4.30
919	Sangrur	Sher Pur	S-NPP	30.47371	75.77747	13:10:11	D	2.40
920	Sangrur	Sher Pur	S-NPP	30.47505	75.72279	13:10:11	D	8.00

921	Sangrur	Sher Pur	S-NPP	30.47742	75.77654	13:10:11	D	2.40
922	Sangrur	Sher Pur	S-NPP	30.48504	75.69298	13:10:11	D	4.40
923	Sangrur	Sher Pur	S-NPP	30.48582	75.77985	13:10:11	D	3.90
924	Sangrur	Sher Pur	S-NPP	30.48661	75.76340	13:10:11	D	2.30
925	Sangrur	Sher Pur	S-NPP	30.48680	75.78502	13:10:11	D	4.80
926	Sangrur	Sher Pur	S-NPP	30.50907	75.77944	13:10:11	D	5.50
927	Sangrur	Sher Pur	AQUA	30.39900	75.74300	13:37:36	D	8.40
928	Sangrur	Sher Pur	AQUA	30.44900	75.69300	13:37:36	D	13.70
929	Sangrur	Sher Pur	AQUA	30.45900	75.74500	13:37:36	D	14.00
930	Sangrur	Sher Pur	AQUA	30.47200	75.69800	13:37:36	D	9.90
931	Sangrur	Sunam	S-NPP	29.99199	75.74887	13:10:11	D	6.90
932	Sangrur	Sunam	S-NPP	29.99266	75.75026	13:10:11	D	4.60
933	Sangrur	Sunam	S-NPP	30.01250	75.81497	13:10:11	D	6.50
934	Sangrur	Sunam	S-NPP	30.01280	75.81650	13:10:11	D	6.50
935	Sangrur	Sunam	S-NPP	30.01473	75.76519	13:10:11	D	3.40
936	Sangrur	Sunam	S-NPP	30.02872	75.75624	13:10:11	D	5.80
937	Sangrur	Sunam	S-NPP	30.02897	75.69559	13:10:11	D	6.70
938	Sangrur	Sunam	S-NPP	30.03019	75.80513	13:10:11	D	6.20
939	Sangrur	Sunam	S-NPP	30.03047	75.74483	13:10:11	D	4.00
940	Sangrur	Sunam	S-NPP	30.03473	75.70520	13:10:11	D	3.50
941	Sangrur	Sunam	S-NPP	30.03500	75.91248	13:10:11	D	1.40
942	Sangrur	Sunam	S-NPP	30.03573	75.71046	13:10:11	D	4.70
943	Sangrur	Sunam	S-NPP	30.03951	75.93997	13:10:11	D	6.80
944	Sangrur	Sunam	S-NPP	30.03989	75.93822	13:10:11	D	7.00
945	Sangrur	Sunam	S-NPP	30.04446	75.73585	13:10:11	D	1.30
946	Sangrur	Sunam	S-NPP	30.05650	75.92336	13:10:11	D	4.30
947	Sangrur	Sunam	S-NPP	30.05925	75.91729	13:10:11	D	3.50
948	Sangrur	Sunam	S-NPP	30.06021	75.92244	13:10:11	D	4.30
949	Sangrur	Sunam	S-NPP	30.07216	75.90332	13:10:11	D	2.20
950	Sangrur	Sunam	S-NPP	30.09402	75.83291	13:10:11	D	2.00
951	Sangrur	Sunam	S-NPP	30.09722	75.89173	13:10:11	D	11.30
952	Sangrur	Sunam	S-NPP	30.09818	75.89688	13:10:11	D	11.30
953	Sangrur	Sunam	S-NPP	30.10407	75.72379	13:10:11	D	3.60

954	Sangrur	Sunam	S-NPP	30.10443	75.72091	13:10:11	D	2.00
955	Sangrur	Sunam	S-NPP	30.10608	75.73428	13:10:11	D	4.40
956	Sangrur	Sunam	S-NPP	30.10618	75.83533	13:10:11	D	3.70
957	Sangrur	Sunam	S-NPP	30.10639	75.73142	13:10:11	D	4.40
958	Sangrur	Sunam	S-NPP	30.11400	75.89838	13:10:11	D	4.10
959	Sangrur	Sunam	S-NPP	30.11504	75.69904	13:10:11	D	6.90
960	Sangrur	Sunam	S-NPP	30.11879	75.69810	13:10:11	D	6.90
961	Sangrur	Sunam	S-NPP	30.12059	75.91292	13:10:11	D	7.70
962	Sangrur	Sunam	S-NPP	30.13301	75.62815	13:10:11	D	4.80
963	Sangrur	Sunam	S-NPP	30.13580	75.70490	13:10:11	D	5.40
964	Sangrur	Sunam	S-NPP	30.13628	75.74871	13:10:11	D	3.40
965	Sangrur	Sunam	S-NPP	30.13720	75.83573	13:10:11	D	7.00
966	Sangrur	Sunam	S-NPP	30.13840	75.86253	13:10:11	D	2.00
967	Sangrur	Sunam	S-NPP	30.13954	75.70396	13:10:11	D	4.90
968	Sangrur	Sunam	S-NPP	30.14002	75.74779	13:10:11	D	6.30
969	Sangrur	Sunam	S-NPP	30.15091	75.80515	13:10:11	D	4.50
970	Sangrur	Sunam	S-NPP	30.15365	75.79903	13:10:11	D	5.70
971	Sangrur	Sunam	S-NPP	30.16776	75.70792	13:10:11	D	13.80
972	Sangrur	Sunam	S-NPP	30.17742	75.73848	13:10:11	D	7.00
973	Sangrur	Sunam	S-NPP	30.18659	75.82892	13:10:11	D	5.30
974	Sangrur	Sunam	S-NPP	30.19710	75.73904	13:10:11	D	3.00
975	Sangrur	Sunam	AQUA	30.00100	75.78300	13:37:36	D	16.20
976	Sangrur	Sunam	AQUA	30.02800	75.92200	13:37:36	D	33.70
977	Sangrur	Sunam	AQUA	30.02900	75.69600	13:37:36	D	27.70
978	Sangrur	Sunam	AQUA	30.09700	75.86300	13:37:36	D	25.60
979	Sangrur	Sunam	AQUA	30.12700	75.72000	13:37:36	D	15.20
980	Sangrur	Sunam	AQUA	30.13100	75.73700	13:37:36	D	41.90
981	SAS Nagar	Derabassi	S-NPP	30.47532	76.74505	13:10:11	D	6.50
982	SBS Nagar	Aur	S-NPP	31.05880	75.98536	13:10:11	D	3.10
983	SBS Nagar	Aur	S-NPP	31.08433	75.97903	13:10:11	D	4.70
984	SBS Nagar	Aur	AQUA	31.04000	75.98400	13:37:36	D	11.30
985	SBS Nagar	Banga	S-NPP	31.22133	76.08742	13:10:11	D	2.90
986	SBS Nagar	Nawan Shahr	S-NPP	30.99350	76.13866	13:10:11	D	2.40

987	Tarn Taran	Tarn Taran	S-NPP	31.48129	74.84592	13:10:11	D	5.70
-----	------------	------------	-------	----------	----------	----------	---	------

Details of residue burning events in Haryana on 12-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	FATEHABAD	BHUNA	S-NPP	29.52610	75.73783	13:10:11	D	9.30
2	FATEHABAD	BHUNA	S-NPP	29.55694	75.79688	13:10:11	D	4.80
3	FATEHABAD	BHUNA	S-NPP	29.56292	75.72314	13:10:11	D	16.00
4	FATEHABAD	BHUNA	S-NPP	29.56600	75.72549	13:10:11	D	18.90
5	FATEHABAD	BHUNA	S-NPP	29.60582	75.72677	13:10:11	D	8.50
6	FATEHABAD	BHUNA	S-NPP	29.63804	75.72992	13:10:11	D	12.30
7	FATEHABAD	BHUNA	AQUA	29.49800	75.71800	13:37:36	D	42.60
8	FATEHABAD	BHUNA	AQUA	29.50200	75.73600	13:37:36	D	15.60
9	FATEHABAD	BHUNA	AQUA	29.51900	75.82600	13:37:36	D	10.40
10	FATEHABAD	FATEHABAD	S-NPP	29.54661	75.52153	13:10:11	D	2.60
11	FATEHABAD	FATEHABAD	S-NPP	29.57257	75.40581	13:10:11	D	8.80
12	FATEHABAD	FATEHABAD	S-NPP	29.58336	75.60895	13:10:11	D	13.70
13	FATEHABAD	FATEHABAD	S-NPP	29.58760	75.50560	13:10:11	D	5.20
14	FATEHABAD	JAKHAL	S-NPP	29.71972	75.69036	13:10:11	D	5.80
15	FATEHABAD	JAKHAL	S-NPP	29.77682	75.84745	13:10:11	D	3.60
16	FATEHABAD	JAKHAL	AQUA	29.78500	75.81400	13:37:36	D	9.80
17	FATEHABAD	RATIA	S-NPP	29.64596	75.58205	13:10:11	D	7.20
18	FATEHABAD	RATIA	S-NPP	29.64788	75.58472	13:10:11	D	5.10
19	FATEHABAD	RATIA	S-NPP	29.71659	75.59017	13:10:11	D	3.50
20	FATEHABAD	RATIA	S-NPP	29.73252	75.56924	13:10:11	D	13.70
21	FATEHABAD	RATIA	S-NPP	29.73937	75.66873	13:10:11	D	16.90
22	FATEHABAD	RATIA	S-NPP	29.75678	75.48878	02:00:11	N	0.50
23	FATEHABAD	RATIA	S-NPP	29.77401	75.44267	13:10:11	D	4.20
24	FATEHABAD	RATIA	AQUA	29.73900	75.58000	13:37:36	D	17.60
25	FATEHABAD	TOHANA	S-NPP	29.58930	75.92904	13:10:11	D	4.00
26	FATEHABAD	TOHANA	S-NPP	29.62034	75.84488	13:10:11	D	11.40
27	FATEHABAD	TOHANA	S-NPP	29.63182	75.86401	13:10:11	D	2.80
28	FATEHABAD	TOHANA	S-NPP	29.63260	75.84736	13:10:11	D	15.00
29	FATEHABAD	TOHANA	S-NPP	29.67600	75.86955	13:10:11	D	5.30
30	FATEHABAD	TOHANA	S-NPP	29.67975	75.86863	13:10:11	D	5.90

31	FATEHABAD	TOHANA	S-NPP	29.68303	75.80188	13:10:11	D	18.00
32	FATEHABAD	TOHANA	S-NPP	29.68514	75.79871	13:10:11	D	36.60
33	FATEHABAD	TOHANA	S-NPP	29.68679	75.80095	13:10:11	D	18.00
34	FATEHABAD	TOHANA	S-NPP	29.69139	75.93118	13:10:11	D	4.80
35	FATEHABAD	TOHANA	S-NPP	29.73719	75.82436	13:10:11	D	28.30
36	FATEHABAD	TOHANA	AQUA	29.68000	75.92600	13:37:36	D	13.60
37	FATEHABAD	TOHANA	AQUA	29.68000	75.93900	13:37:36	D	15.60
38	HISAR	HANSI-I	S-NPP	29.21363	76.02516	13:10:11	D	6.10
39	HISAR	NARNAUND	S-NPP	29.23241	76.16624	13:10:11	D	4.10
40	HISAR	NARNAUND	S-NPP	29.23529	76.18158	13:10:11	D	2.60
41	HISAR	NARNAUND	S-NPP	29.24272	76.17979	13:10:11	D	1.50
42	JHAJJAR	BERI	S-NPP	28.77658	76.60855	13:10:11	D	2.80
43	JIND	ALEWA	S-NPP	29.45949	76.36725	13:10:11	D	10.40
44	JIND	ALEWA	S-NPP	29.46316	76.36636	13:10:11	D	10.40
45	JIND	ALEWA	S-NPP	29.49769	76.45893	13:10:11	D	3.80
46	JIND	ALEWA	S-NPP	29.50040	76.41179	13:10:11	D	3.90
47	JIND	JIND	S-NPP	29.38326	76.36993	13:10:11	D	10.00
48	JIND	JULANA	S-NPP	29.13843	76.48317	13:10:11	D	3.30
49	JIND	NARWANA	S-NPP	29.65242	75.97330	13:10:11	D	5.10
50	JIND	NARWANA	S-NPP	29.65615	75.97239	13:10:11	D	5.10
51	JIND	NARWANA	S-NPP	29.72452	76.04716	13:10:11	D	18.90
52	JIND	NARWANA	S-NPP	29.72479	76.15366	13:10:11	D	17.30
53	JIND	NARWANA	S-NPP	29.72823	76.04626	13:10:11	D	6.20
54	JIND	NARWANA	S-NPP	29.79408	76.08611	13:10:11	D	4.50
55	JIND	NARWANA	AQUA	29.72600	76.05400	13:37:36	D	16.10
56	JIND	PILLUKHERA	S-NPP	29.28034	76.56066	13:10:11	D	2.20
57	JIND	PILLUKHERA	S-NPP	29.28335	76.56221	13:10:11	D	3.50
58	JIND	PILLUKHERA	AQUA	29.23200	76.51700	13:37:36	D	28.10
59	JIND	PILLUKHERA	AQUA	29.23400	76.52800	13:37:36	D	23.40
60	JIND	PILLUKHERA	AQUA	29.23500	76.53300	13:37:36	D	13.50
61	JIND	SAFIDON	S-NPP	29.38804	76.57308	13:10:11	D	2.90
62	JIND	SAFIDON	S-NPP	29.39071	76.57446	13:10:11	D	10.00
63	JIND	SAFIDON	S-NPP	29.39169	76.57220	13:10:11	D	2.90
64	JIND	SAFIDON	S-NPP	29.39526	76.57848	13:10:11	D	2.90

65	JIND	SAFIDON	S-NPP	29.39707	76.58825	13:10:11	D	15.00
66	JIND	SAFIDON	S-NPP	29.40071	76.58738	13:10:11	D	5.10
67	JIND	UCHANA	S-NPP	29.44934	76.24112	13:10:11	D	6.30
68	KAITHAL	KAITHAL	AQUA	29.77200	76.35800	13:37:36	D	10.10
69	KAITHAL	KAITHAL	AQUA	29.77300	76.36300	13:37:36	D	8.40
70	KAITHAL	KALAYAT	S-NPP	29.58573	76.26397	13:10:11	D	4.50
71	KAITHAL	KALAYAT	S-NPP	29.59879	76.35484	13:10:11	D	4.70
72	KAITHAL	KALAYAT	S-NPP	29.60789	76.30052	13:10:11	D	2.50
73	KAITHAL	KALAYAT	S-NPP	29.70663	76.28432	13:10:11	D	3.60
74	KAITHAL	KALAYAT	AQUA	29.66400	76.34500	13:37:36	D	11.10
75	KAITHAL	KALAYAT	AQUA	29.66800	76.35500	13:37:36	D	11.70
76	KAITHAL	KALAYAT	AQUA	29.69800	76.20900	13:37:36	D	9.60
77	KAITHAL	RAJOUND	S-NPP	29.59972	76.35981	13:10:11	D	8.60
78	KAITHAL	RAJOUND	S-NPP	29.66361	76.45808	13:10:11	D	5.10
79	KARNAL	ASSANDH	S-NPP	29.53172	76.87239	13:10:11	D	2.80
80	KARNAL	ASSANDH	S-NPP	29.53211	76.60407	13:10:11	D	5.30
81	KARNAL	ASSANDH	S-NPP	29.53638	76.68893	13:10:11	D	4.60
82	KARNAL	ASSANDH	S-NPP	29.60093	76.60796	13:10:11	D	2.50
83	KARNAL	CHIRAO	S-NPP	29.76322	76.71490	13:10:11	D	5.30
84	KARNAL	KARNAL	S-NPP	29.72768	77.06030	13:10:11	D	2.50
85	SIRSA	BARAGUNDA	S-NPP	29.68820	75.16701	13:10:11	D	2.60
86	SIRSA	ELLENABAD	S-NPP	29.50690	74.76314	13:10:11	D	5.30
87	SIRSA	NATHUSARI CHOPTA	S-NPP	29.49942	75.27828	13:10:11	D	6.40
88	SIRSA	NATHUSARI CHOPTA	S-NPP	29.50059	75.24258	13:10:11	D	2.70
89	SIRSA	NATHUSARI CHOPTA	S-NPP	29.50227	75.23032	13:10:11	D	6.70
90	SIRSA	NATHUSARI CHOPTA	S-NPP	29.54461	75.30213	13:10:11	D	12.20
91	SIRSA	NATHUSARI CHOPTA	AQUA	29.54100	75.24100	13:37:36	D	22.10
92	SIRSA	ODHAN	S-NPP	29.85400	75.03898	13:10:11	D	3.70
93	SIRSA	ODHAN	S-NPP	29.85789	75.03799	13:10:11	D	5.80
94	SIRSA	ODHAN	S-NPP	29.85805	75.04288	13:10:11	D	7.70
95	SIRSA	RANIA	S-NPP	29.51877	74.80177	13:10:11	D	4.40
96	SIRSA	RANIA	S-NPP	29.51955	74.80573	13:10:11	D	4.40
97	SIRSA	RANIA	S-NPP	29.58972	74.64966	13:10:11	D	5.10
98	SIRSA	SIRSA	S-NPP	29.49279	74.94962	13:10:11	D	4.80

99	SIRSA	SIRSA	S-NPP	29.51306	74.96892	13:10:11	D	5.20
100	SIRSA	SIRSA	S-NPP	29.51421	74.96647	13:10:11	D	9.10
101	SIRSA	SIRSA	S-NPP	29.51699	74.96791	13:10:11	D	6.10
102	SIRSA	SIRSA	AQUA	29.45800	74.91000	13:37:36	D	20.10
103	SONIPAT	GOHANA	S-NPP	29.18274	76.74856	13:10:11	D	2.60
104	SONIPAT	KATHURA	AQUA	29.19900	76.52500	13:37:36	D	8.70
105	SONIPAT	KATHURA	AQUA	29.23100	76.51200	13:37:36	D	13.70
106	SONIPAT	MUNDLANA	S-NPP	29.22878	76.71530	13:10:11	D	2.50
107	SONIPAT	MUNDLANA	S-NPP	29.27087	76.63441	13:10:11	D	2.90
108	YAMUNANAGAR	BILASPUR	S-NPP	30.23383	77.24876	13:10:11	D	2.90
109	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.34278	77.41288	13:10:11	D	3.00
110	YAMUNANAGAR	MUSTAFABAD	S-NPP	30.26826	77.17687	13:10:11	D	3.50

Details of residue burning events in Uttar Pradesh on 12-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ALIGARH	KHAIR	S-NPP	28.09408	77.58260	02:00:11	N	0.60
2	ALLAHABAD	HADIYA	S-NPP	25.42133	82.24419	13:10:11	D	1.90
3	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.30173	82.44211	13:10:11	D	4.10
4	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.33142	82.50509	13:10:11	D	2.40
5	AMBEDKARNAGAR	AKBARPUR	AQUA	26.38700	82.36100	13:37:36	D	4.20
6	AMBEDKARNAGAR	ALAPUR	S-NPP	26.45054	82.96813	13:10:11	D	1.70
7	AMBEDKARNAGAR	JALALPUR	AQUA	26.38100	82.75500	13:37:36	D	4.10
8	AMBEDKARNAGAR	TANDA	S-NPP	26.55578	82.53828	13:10:11	D	1.80
9	AMETHI	GAURIGANJ	AQUA	26.20400	81.62700	13:37:36	D	6.00
10	AMETHI	GAURIGANJ	AQUA	26.21200	81.61900	13:37:36	D	5.50
11	AMETHI	GAURIGANJ	AQUA	26.25100	81.63300	13:37:36	D	4.80
12	AMETHI	GAURIGANJ	AQUA	26.25300	81.64300	13:37:36	D	5.20
13	AMETHI	MUSAFIRKHANA	S-NPP	26.42684	81.77531	13:10:11	D	3.10
14	AMETHI	MUSAFIRKHANA	S-NPP	26.53960	81.75867	13:10:11	D	1.50
15	AMETHI	MUSAFIRKHANA	S-NPP	26.56642	81.67054	13:10:11	D	2.40
16	AURAIYA	AURAIYA	S-NPP	26.45977	79.54661	13:10:11	D	5.20
17	AURAIYA	AURAIYA	S-NPP	26.51387	79.36433	13:10:11	D	3.20
18	AURAIYA	AURAIYA	S-NPP	26.58115	79.60139	13:10:11	D	2.20
19	AURAIYA	AURAIYA	S-NPP	26.62421	79.41766	13:10:11	D	2.80
20	AURAIYA	BIDHUNA	S-NPP	26.64848	79.60847	13:10:11	D	1.60
21	AURAIYA	BIDHUNA	S-NPP	26.69045	79.45855	13:10:11	D	2.20
22	AURAIYA	BIDHUNA	S-NPP	26.70316	79.68449	13:10:11	D	6.40
23	AURAIYA	BIDHUNA	S-NPP	26.84142	79.69471	13:10:11	D	2.70
24	AZAMGARH	AZAMGARH	S-NPP	26.04886	83.25772	13:10:11	D	1.60
25	AZAMGARH	NIZAMABAD	S-NPP	25.96692	82.97579	13:10:11	D	5.70
26	BADAUN	BILSI	AQUA	28.10800	79.04800	13:37:36	D	15.00
27	BAHRAICH	BAHRAICH	S-NPP	27.64277	81.63295	13:10:11	D	2.00
28	BAHRAICH	MAHASI	S-NPP	27.68093	81.45360	13:10:11	D	3.50
29	BAHRAICH	NANPARA	S-NPP	27.78708	81.53008	13:10:11	D	1.90
30	BAHRAICH	NANPARA	S-NPP	27.96192	81.61816	13:10:11	D	2.00

31	BAHRAICH	NANPARA	S-NPP	28.00305	81.55008	13:10:11	D	2.90
32	BALLIA	BALLIA	S-NPP	25.75398	83.97070	13:10:11	D	2.70
33	BALLIA	BANSDIH	S-NPP	25.87572	84.20825	13:10:11	D	4.90
34	BALLIA	BELTHARA ROAD	S-NPP	26.10090	83.92591	13:10:11	D	1.80
35	BALRAMPUR	BALRAMPUR	S-NPP	27.43939	82.18087	13:10:11	D	1.90
36	BALRAMPUR	TULSIPUR	S-NPP	27.42694	82.42580	02:00:11	N	0.50
37	BALRAMPUR	TULSIPUR	S-NPP	27.57008	82.63283	13:10:11	D	1.80
38	BANDA	ATARRA	S-NPP	25.37087	80.47984	13:10:11	D	4.80
39	BANDA	BABERU	S-NPP	25.54290	80.86024	13:10:11	D	1.70
40	BANDA	BANDA	S-NPP	25.53971	80.47994	13:10:11	D	2.60
41	BANDA	BANDA	S-NPP	25.80996	80.26308	13:10:11	D	2.20
42	BARABANKI	H AidARGARH	S-NPP	26.59333	81.55482	13:10:11	D	1.50
43	BARABANKI	H AidARGARH	S-NPP	26.60831	81.29587	13:10:11	D	2.30
44	BARABANKI	H AidARGARH	S-NPP	26.64234	81.34086	13:10:11	D	2.40
45	BAREILLY	BAREILY	S-NPP	28.37761	79.53162	13:10:11	D	2.10
46	BASTI	BASTI	S-NPP	26.67697	82.72443	13:10:11	D	1.40
47	BASTI	BASTI	S-NPP	26.73958	82.89417	13:10:11	D	4.20
48	BASTI	BASTI	S-NPP	26.76998	82.83948	13:10:11	D	2.10
49	BASTI	BASTI	AQUA	26.87900	82.75600	13:37:36	D	4.50
50	BASTI	BHANPUR	S-NPP	27.07587	82.78364	13:10:11	D	2.30
51	BASTI	BHANPUR	AQUA	27.08200	82.63500	13:37:36	D	4.10
52	BASTI	HARRAIYA	S-NPP	26.89204	82.49225	13:10:11	D	2.40
53	BASTI	RUDHAULI	S-NPP	26.88358	82.80430	13:10:11	D	2.50
54	BASTI	RUDHAULI	S-NPP	26.92023	82.84324	13:10:11	D	1.90
55	BASTI	RUDHAULI	S-NPP	26.93755	82.86520	13:10:11	D	2.90
56	BASTI	RUDHAULI	AQUA	26.93400	82.82700	13:37:36	D	4.90
57	BULANSAHAR	BULANSH AHR	S-NPP	28.40463	77.96377	02:00:11	N	1.10
58	BULANSAHAR	DIBAI	AQUA	28.26500	78.15900	13:37:36	D	10.80
59	CHITRAKOOT	MAU	S-NPP	25.25425	81.27285	13:10:11	D	2.00
60	CHITRAKOOT	MAU	S-NPP	25.27256	81.28118	13:10:11	D	1.70
61	DEORIA	BARHAJ	S-NPP	26.25551	83.85343	13:10:11	D	2.40
62	DEORIA	BARHAJ	S-NPP	26.29195	83.80854	13:10:11	D	4.30
63	DEORIA	BARHAJ	AQUA	26.35900	83.79100	13:37:36	D	5.60

64	DEORIA	DEORIA	S-NPP	26.43475	83.84774	13:10:11	D	2.30
65	DEORIA	RUDRAPUR	S-NPP	26.36948	83.71465	13:10:11	D	5.20
66	DEORIA	RUDRAPUR	S-NPP	26.42301	83.70704	13:10:11	D	1.90
67	DEORIA	SALEMPUR	S-NPP	26.15478	83.90404	13:10:11	D	2.00
68	DEORIA	SALEMPUR	S-NPP	26.15882	83.90771	13:10:11	D	2.00
69	DEORIA	SALEMPUR	AQUA	26.15500	83.90600	13:37:36	D	5.40
70	ETAWAH	BHARTHNA	S-NPP	26.62001	79.22449	13:10:11	D	3.80
71	ETAWAH	BHARTHNA	S-NPP	26.66630	79.27003	13:10:11	D	3.10
72	ETAWAH	BHARTHNA	S-NPP	26.67174	79.15424	13:10:11	D	1.90
73	ETAWAH	BHARTHNA	S-NPP	26.71847	79.09895	13:10:11	D	5.40
74	ETAWAH	BHARTHNA	S-NPP	26.75142	79.29603	13:10:11	D	2.70
75	ETAWAH	BHARTHNA	S-NPP	26.81380	79.31271	13:10:11	D	2.10
76	ETAWAH	BHARTHNA	S-NPP	26.86035	79.21475	13:10:11	D	2.60
77	ETAWAH	BHARTHNA	S-NPP	26.88346	79.20572	13:10:11	D	0.90
78	ETAWAH	JASWANTNAGAR	S-NPP	26.93868	78.79955	13:10:11	D	2.20
79	ETAWAH	JASWANTNAGAR	S-NPP	26.94211	78.79883	13:10:11	D	2.20
80	ETAWAH	JASWANTNAGAR	AQUA	26.94300	78.79500	13:37:36	D	9.90
81	ETAWAH	SAIFAI	S-NPP	26.99147	79.13724	13:10:11	D	3.10
82	FATEHPUR	FATEHPUR	S-NPP	25.83648	80.72549	13:10:11	D	2.60
83	FATEHPUR	FATEHPUR	S-NPP	25.83738	80.79669	13:10:11	D	3.50
84	FATEHPUR	FATEHPUR	S-NPP	25.93200	80.75091	13:10:11	D	2.60
85	FATEHPUR	FATEHPUR	S-NPP	25.98587	80.79668	13:10:11	D	3.10
86	FATEHPUR	FATEHPUR	S-NPP	25.98919	80.79604	13:10:11	D	3.10
87	FATEHPUR	KHAGA	S-NPP	25.60481	81.13280	13:10:11	D	4.60
88	FATEHPUR	KHAGA	S-NPP	25.67503	81.08024	13:10:11	D	1.70
89	GAZIPUR	JAKHANIA	S-NPP	25.73385	83.32178	13:10:11	D	2.80
90	GAZIPUR	JAKHANIA	S-NPP	25.76834	83.39451	13:10:11	D	3.00
91	GORAKHPUR	BANSGAON	S-NPP	26.49784	83.35926	13:10:11	D	2.80
92	GORAKHPUR	CAMPIERGANJ	S-NPP	26.90729	83.27554	13:10:11	D	5.00
93	GORAKHPUR	CHAURI CHAURA	S-NPP	26.70931	83.61414	13:10:11	D	3.80
94	GORAKHPUR	CHAURI CHAURA	AQUA	26.63600	83.51700	13:37:36	D	4.50
95	GORAKHPUR	GORAKHPUR	S-NPP	26.93442	83.47530	13:10:11	D	1.70
96	GORAKHPUR	GORAKHPUR	AQUA	26.76100	83.49400	13:37:36	D	5.20

97	GORAKHPUR	GORAKHPUR	AQUA	26.81600	83.55700	13:37:36	D	5.90
98	GORAKHPUR	GORAKHPUR	AQUA	26.82500	83.55500	13:37:36	D	5.20
99	HAPUR	GARHMUKTESAR	S-NPP	28.86718	78.01133	13:10:11	D	2.10
100	HAPUR	GARHMUKTESAR	S-NPP	28.86792	78.01569	13:10:11	D	2.30
101	HAPUR	HAPUR	S-NPP	28.60716	77.68317	13:10:11	D	5.00
102	HAPUR	HAPUR	S-NPP	28.60735	77.68171	13:10:11	D	2.20
103	HAPUR	HAPUR	S-NPP	28.60813	77.68620	13:10:11	D	3.20
104	HARDOI	BILGRAM	S-NPP	27.03767	80.17764	13:10:11	D	5.20
105	HARDOI	BILGRAM	S-NPP	27.20310	79.96246	13:10:11	D	4.60
106	HARDOI	HARDOI	S-NPP	27.34804	80.29803	13:10:11	D	2.90
107	HARDOI	HARDOI	S-NPP	27.40688	80.26698	13:10:11	D	1.90
108	HARDOI	HARDOI	S-NPP	27.45400	79.93766	13:10:11	D	2.20
109	HARDOI	HARDOI	S-NPP	27.50362	80.19164	13:10:11	D	2.30
110	HARDOI	SHAHABAD	S-NPP	27.52777	79.95571	13:10:11	D	1.60
111	JHANSI	JHANSI	S-NPP	25.55547	78.67567	13:10:11	D	2.00
112	JHANSI	JHANSI	S-NPP	25.57097	78.68138	13:10:11	D	3.10
113	JHANSI	MOTH	S-NPP	25.65602	78.83872	13:10:11	D	2.00
114	JHANSI	MOTH	S-NPP	25.70505	78.87262	13:10:11	D	2.10
115	JHANSI	MOTH	S-NPP	25.74863	78.96003	13:10:11	D	1.30
116	JHANSI	MOTH	S-NPP	25.75808	78.90992	13:10:11	D	3.30
117	JHANSI	MOTH	S-NPP	25.77585	78.79705	13:10:11	D	7.00
118	JHANSI	MOTH	S-NPP	25.77719	79.00208	13:10:11	D	3.80
119	JHANSI	MOTH	S-NPP	25.77753	78.91119	13:10:11	D	5.70
120	JHANSI	MOTH	S-NPP	25.82227	78.96313	13:10:11	D	3.80
121	JHANSI	MOTH	AQUA	25.72300	78.95000	13:37:36	D	6.60
122	JHANSI	MOTH	AQUA	25.76600	78.90800	13:37:36	D	7.90
123	JHANSI	TAHRAULI	S-NPP	25.61000	78.82463	13:10:11	D	5.00
124	JHANSI	TAHRAULI	AQUA	25.61600	78.87100	13:37:36	D	11.10
125	KANPUR	BILHAUR	S-NPP	26.63492	80.12312	13:10:11	D	3.20
126	KANPUR	BILHAUR	S-NPP	26.79849	79.95245	13:10:11	D	1.90
127	KANPUR	KANPUR NAGAR	S-NPP	26.45997	80.14948	13:10:11	D	5.00
128	KANPUR DEHAT	BHOGANIPUR	AQUA	26.17600	79.81200	13:37:36	D	10.30
129	KANPUR DEHAT	DERAPUR	S-NPP	26.59085	79.70290	13:10:11	D	5.60

130	KANPUR DEHAT	DERAPUR	S-NPP	26.59553	79.71021	13:10:11	D	2.60
131	KANPUR DEHAT	RASULABAD	S-NPP	26.63688	79.91498	02:00:11	N	0.30
132	KANPUR DEHAT	RASULABAD	S-NPP	26.68914	79.85988	13:10:11	D	4.20
133	KANPUR DEHAT	RASULABAD	S-NPP	26.69615	79.90347	13:10:11	D	2.20
134	KANPUR DEHAT	RASULABAD	S-NPP	26.69732	79.90334	13:10:11	D	2.80
135	KANPUR DEHAT	RASULABAD	S-NPP	26.70633	79.72511	13:10:11	D	2.30
136	KANPUR DEHAT	RASULABAD	S-NPP	26.70902	79.84782	13:10:11	D	2.50
137	KANPUR DEHAT	RASULABAD	S-NPP	26.71814	79.77623	13:10:11	D	2.00
138	KANPUR DEHAT	RASULABAD	AQUA	26.58500	79.92800	13:37:36	D	5.40
139	KANPUR DEHAT	SIKANDRA	S-NPP	26.30834	79.69220	13:10:11	D	4.40
140	KAUSHAMBI	MANJHANPUR	S-NPP	25.39002	81.29440	13:10:11	D	2.60
141	KAUSHAMBI	MANJHANPUR	S-NPP	25.39544	81.48519	13:10:11	D	2.30
142	KAUSHAMBI	MANJHANPUR	S-NPP	25.45444	81.29787	13:10:11	D	3.20
143	KAUSHAMBI	SIRATHU	S-NPP	25.71865	81.23331	13:10:11	D	4.00
144	KAUSHAMBI	SIRATHU	AQUA	25.70800	81.22400	13:37:36	D	6.70
145	KHERI	DHAURAHRA	S-NPP	28.00688	81.12470	13:10:11	D	2.60
146	KHERI	GOLA	S-NPP	27.99104	80.35805	13:10:11	D	1.40
147	KHERI	LAKHIMPUR	S-NPP	27.96106	80.88931	13:10:11	D	1.90
148	KHERI	LAKHIMPUR	AQUA	27.87200	80.74700	13:37:36	D	7.50
149	KUSHINAGAR	HATA	S-NPP	26.75534	83.61504	13:10:11	D	2.50
150	KUSHINAGAR	KASAYA	S-NPP	26.79688	84.00621	13:10:11	D	2.10
151	KUSHINAGAR	KASAYA	AQUA	26.66600	84.01400	13:37:36	D	6.70
152	KUSHINAGAR	PADRAUNA	S-NPP	27.05070	83.99850	13:10:11	D	2.80
153	LUCKNOW	MOHANLAL GANJ	S-NPP	26.69014	81.14582	13:10:11	D	2.70
154	LUCKNOW	MOHANLAL GANJ	S-NPP	26.69249	81.16120	13:10:11	D	3.20
155	LUCKNOW	MOHANLAL GANJ	S-NPP	26.70740	81.10297	13:10:11	D	4.10
156	LUCKNOW	MOHANLAL GANJ	S-NPP	26.75156	81.10252	13:10:11	D	4.70
157	LUCKNOW	MOHANLAL GANJ	AQUA	26.64600	81.12900	13:37:36	D	20.10
158	LUCKNOW	MOHANLAL GANJ	AQUA	26.75200	81.10300	13:37:36	D	5.10
159	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.90961	83.52670	13:10:11	D	3.10
160	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.91071	83.52502	13:10:11	D	3.10
161	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.03147	83.52825	13:10:11	D	4.70
162	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.09018	83.46670	13:10:11	D	12.60

163	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.19935	83.50080	13:10:11	D	5.50
164	MAHARAJGANJ	MAHARAJGANJ	AQUA	27.01800	83.48900	13:37:36	D	6.10
165	MAHARAJGANJ	NICHLAUL	S-NPP	27.24787	83.75460	13:10:11	D	2.10
166	MAINPURI	BHOGAON	AQUA	27.04900	79.23000	13:37:36	D	13.00
167	MAINPURI	BHOGAON	AQUA	27.12800	79.27000	13:37:36	D	6.10
168	MAINPURI	KARHAL	S-NPP	26.97568	79.02090	13:10:11	D	5.50
169	MAINPURI	KARHAL	S-NPP	27.06145	79.01206	13:10:11	D	2.20
170	MAINPURI	KARHAL	AQUA	27.04900	79.05300	13:37:36	D	10.30
171	MAINPURI	MAINPURI	S-NPP	27.10338	79.01261	13:10:11	D	3.50
172	MAINPURI	MAINPURI	S-NPP	27.15700	78.91109	13:10:11	D	1.50
173	MAU	MADHUBAN	AQUA	26.15700	83.59000	13:37:36	D	4.70
174	MAU	MADHUBAN	AQUA	26.15800	83.60000	13:37:36	D	7.90
175	MAU	MUHAMMADABAD	S-NPP	25.84910	83.37303	13:10:11	D	2.50
176	MEERUT	MAWANA	S-NPP	28.90428	78.07253	13:10:11	D	3.30
177	PILHIBHIT	BISALPUR	S-NPP	28.38739	79.90305	13:10:11	D	2.50
178	PILHIBHIT	PURANPUR	S-NPP	28.65179	80.07377	13:10:11	D	6.20
179	PRATAPGARH	KUNDA	S-NPP	25.83107	81.63625	13:10:11	D	2.10
180	PRATAPGARH	KUNDA	S-NPP	25.86713	81.45281	13:10:11	D	3.40
181	PRATAPGARH	LALGANJ	S-NPP	25.91990	81.66687	13:10:11	D	2.20
182	PRATAPGARH	PATTI	S-NPP	25.92135	82.31357	13:10:11	D	1.50
183	PRATAPGARH	PATTI	S-NPP	25.93000	82.23271	13:10:11	D	2.80
184	RAMPUR	BILASPUR	S-NPP	28.88665	79.21586	13:10:11	D	6.10
185	RAMPUR	BILASPUR	S-NPP	28.91943	79.22571	13:10:11	D	3.10
186	RAMPUR	MILAK	S-NPP	28.75359	79.22206	13:10:11	D	5.10
187	RAMPUR	SUAR	S-NPP	28.96609	79.03966	13:10:11	D	2.10
188	SAMBHAL	CHANDAUSI	S-NPP	28.45556	78.67162	13:10:11	D	0.90
189	SANTKABIRNAGAR	GHANGHATA	S-NPP	26.63321	83.10641	13:10:11	D	1.70
190	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.81805	83.00886	13:10:11	D	2.20
191	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.93472	82.86982	13:10:11	D	2.90
192	SANTKABIRNAGAR	KHALILABAD	AQUA	26.93300	82.87800	13:37:36	D	5.10
193	SANTKABIRNAGAR	MEHDAWAL	AQUA	27.02500	83.08000	13:37:36	D	4.60
194	SHAHJAHANPUR	PUWANYA	S-NPP	28.14153	80.23547	13:10:11	D	2.50
195	SHAHJAHANPUR	PUWANYA	S-NPP	28.22495	80.22711	13:10:11	D	4.00

196	SHAHJAHANPUR	TILHAR	S-NPP	28.08389	79.68541	13:10:11	D	3.60
197	SHAMLI	KAIRANA	S-NPP	29.31104	77.25109	13:10:11	D	1.50
198	SHAMLI	KAIRANA	S-NPP	29.50473	77.20787	13:10:11	D	6.70
199	SHAMLI	KAIRANA	S-NPP	29.50593	77.20423	13:10:11	D	11.00
200	SHAMLI	KAIRANA	S-NPP	29.56960	77.25159	13:10:11	D	4.60
201	SHAMLI	SHAMLI	S-NPP	29.52179	77.38919	13:10:11	D	1.70
202	SHAMLI	SHAMLI	S-NPP	29.57331	77.45847	13:10:11	D	4.30
203	SHARANPUR	DEOBAND	S-NPP	29.74778	77.58255	13:10:11	D	2.20
204	SHARANPUR	NAKUR	S-NPP	29.96961	77.25552	13:10:11	D	6.00
205	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.85649	77.49931	13:10:11	D	2.90
206	SHRAWASTI	IKAUNA	S-NPP	27.60677	81.75129	13:10:11	D	4.10
207	SHRAWASTI	IKAUNA	S-NPP	27.61629	81.76963	13:10:11	D	3.20
208	SHRAWASTI	IKAUNA	S-NPP	27.63463	81.77831	13:10:11	D	1.50
209	SHRAWASTI	IKAUNA	S-NPP	27.63682	81.77863	13:10:11	D	3.60
210	SHRAWASTI	IKAUNA	S-NPP	27.65412	81.68703	13:10:11	D	3.70
211	SHRAWASTI	IKAUNA	AQUA	27.66300	81.74500	13:37:36	D	4.40
212	SIDDHARTHANAGAR	BANSI	S-NPP	27.04994	82.89581	13:10:11	D	2.40
213	SIDDHARTHANAGAR	BANSI	S-NPP	27.08268	82.88181	13:10:11	D	2.80
214	SIDDHARTHANAGAR	BANSI	S-NPP	27.11654	82.87592	13:10:11	D	3.10
215	SIDDHARTHANAGAR	BANSI	S-NPP	27.12217	82.86663	13:10:11	D	4.90
216	SIDDHARTHANAGAR	BANSI	S-NPP	27.12507	82.93682	13:10:11	D	3.00
217	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.11051	82.63762	13:10:11	D	3.70
218	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.11850	82.69373	13:10:11	D	1.30
219	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.12537	82.63924	13:10:11	D	2.10
220	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.12817	82.63464	13:10:11	D	2.10
221	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.14320	82.52140	13:10:11	D	1.80
222	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.21063	82.60779	13:10:11	D	2.90
223	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.22997	82.61364	13:10:11	D	3.80
224	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.24396	82.56599	13:10:11	D	2.00
225	SIDDHARTHANAGAR	DOMARIYAGANJ	AQUA	27.11000	82.63500	13:37:36	D	14.30
226	SIDDHARTHANAGAR	DOMARIYAGANJ	AQUA	27.19100	82.75300	13:37:36	D	5.30
227	SITAPUR	MAHMUDABAD	S-NPP	27.43670	81.06828	13:10:11	D	2.30
228	SITAPUR	MISRIK	S-NPP	27.44242	80.44893	13:10:11	D	2.70

229	SITAPUR	MISRIK	S-NPP	27.46268	80.66050	13:10:11	D	3.30
230	SITAPUR	MISRIK	S-NPP	27.59350	80.56782	13:10:11	D	2.30
231	SITAPUR	MISRIK	S-NPP	27.75590	80.49987	13:10:11	D	3.30
232	SITAPUR	SITAPUR	S-NPP	27.52567	80.63292	13:10:11	D	3.10
233	SULTANPUR	JAISINGHPUR	S-NPP	26.31859	82.28335	13:10:11	D	4.70
234	SULTANPUR	KADIRPUR	S-NPP	26.22135	82.63245	13:10:11	D	6.70
235	SULTANPUR	LAMBHUA	S-NPP	26.20075	82.07768	13:10:11	D	2.20
236	SULTANPUR	SULTANPUR	S-NPP	26.19743	82.07828	13:10:11	D	2.30
237	UNNAO	PURWA	S-NPP	26.54850	80.88392	13:10:11	D	1.90
238	UNNAO	UNNAO	S-NPP	26.52135	80.57906	13:10:11	D	2.10

Details of residue burning events in Rajasthan on 12-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARAN	KISHANGUNJ	S-NPP	25.20533	76.73403	13:10:11	D	4.50
2	HANUMANGARH	HANUMANGARH	S-NPP	29.53727	74.21986	13:10:11	D	6.60
3	HANUMANGARH	HANUMANGARH	S-NPP	29.53813	74.22411	13:10:11	D	6.60
4	HANUMANGARH	HANUMANGARH	S-NPP	29.55993	74.28960	13:10:11	D	2.70
5	HANUMANGARH	HANUMANGARH	S-NPP	29.57230	74.30848	13:10:11	D	8.70
6	HANUMANGARH	HANUMANGARH	S-NPP	29.58045	74.30633	13:10:11	D	4.20
7	HANUMANGARH	HANUMANGARH	S-NPP	29.60348	74.35753	13:10:11	D	6.10
8	HANUMANGARH	HANUMANGARH	S-NPP	29.60753	74.35647	13:10:11	D	3.50
9	HANUMANGARH	PILIBANGA	S-NPP	29.41916	74.02771	13:10:11	D	3.00
10	HANUMANGARH	PILIBANGA	S-NPP	29.42155	74.01783	13:10:11	D	15.30
11	HANUMANGARH	PILIBANGA	S-NPP	29.46058	74.10371	13:10:11	D	8.00
12	HANUMANGARH	PILIBANGA	S-NPP	29.46081	74.10007	13:10:11	D	3.50
13	HANUMANGARH	PILIBANGA	S-NPP	29.46170	74.10439	13:10:11	D	4.80
14	HANUMANGARH	PILIBANGA	S-NPP	29.46258	74.10870	13:10:11	D	4.80
15	HANUMANGARH	PILIBANGA	AQUA	29.39300	74.00900	13:37:36	D	34.50
16	HANUMANGARH	PILIBANGA	AQUA	29.39600	73.95800	13:37:36	D	21.30
17	HANUMANGARH	PILIBANGA	AQUA	29.39700	74.01500	13:37:36	D	19.90
18	HANUMANGARH	SANGHRIYA	S-NPP	29.94176	74.45349	13:10:11	D	2.00
19	HANUMANGARH	SANGHRIYA	AQUA	29.65500	74.43700	13:37:36	D	15.30
20	HANUMANGARH	TIBI	S-NPP	29.49403	74.59328	13:10:11	D	5.20
21	HANUMANGARH	TIBI	S-NPP	29.51892	74.56972	13:10:11	D	3.40
22	HANUMANGARH	TIBI	S-NPP	29.52294	74.56867	13:10:11	D	6.30
23	HANUMANGARH	TIBI	S-NPP	29.53018	74.56252	13:10:11	D	3.50
24	HANUMANGARH	TIBI	S-NPP	29.53259	74.55331	13:10:11	D	8.30
25	HANUMANGARH	TIBI	S-NPP	29.53581	74.54818	13:10:11	D	9.70
26	HANUMANGARH	TIBI	S-NPP	29.53661	74.55227	13:10:11	D	20.10
27	HANUMANGARH	TIBI	S-NPP	29.57818	74.52906	13:10:11	D	18.80
28	HANUMANGARH	TIBI	S-NPP	29.58781	74.51368	13:10:11	D	3.30
29	HANUMANGARH	TIBI	S-NPP	29.60708	74.48281	13:10:11	D	3.40
30	HANUMANGARH	TIBI	S-NPP	29.63612	74.58673	13:10:11	D	3.40
31	HANUMANGARH	TIBI	AQUA	29.57700	74.51000	13:37:36	D	17.10

32	HANUMANGARH	TIBI	AQUA	29.58100	74.52700	13:37:36	D	34.10
33	HANUMANGARH	TIBI	AQUA	29.58200	74.53100	13:37:36	D	23.30

Details of residue burning events in Madhya Pradesh on 12-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.49933	77.73614	13:10:11	D	2.70
2	BHIND	GOHAD	S-NPP	26.34792	78.33239	13:10:11	D	2.60
3	BHIND	GOHAD	S-NPP	26.35847	78.33013	13:10:11	D	1.90
4	BHIND	GOHAD	S-NPP	26.37637	78.34908	13:10:11	D	2.20
5	BHIND	GOHAD	S-NPP	26.44847	78.30728	13:10:11	D	38.60
6	BHIND	GOHAD	S-NPP	26.45551	78.30578	13:10:11	D	4.90
7	BHIND	GOHAD	S-NPP	26.47918	78.44142	13:10:11	D	2.30
8	BHIND	GOHAD	S-NPP	26.49119	78.44788	13:10:11	D	2.40
9	BHIND	GOHAD	S-NPP	26.50739	78.39472	13:10:11	D	2.00
10	BHIND	GOHAD	S-NPP	26.51008	78.32600	13:10:11	D	3.30
11	BHIND	GOHAD	S-NPP	26.51083	78.33040	13:10:11	D	3.00
12	BHIND	GOHAD	AQUA	26.44500	78.30700	13:37:36	D	9.60
13	BHIND	GOHAD	AQUA	26.50500	78.30100	13:37:36	D	8.70
14	BHIND	LAHAR	S-NPP	25.96590	78.81110	13:10:11	D	1.90
15	BHIND	LAHAR	S-NPP	25.97389	78.78835	13:10:11	D	3.30
16	BHIND	LAHAR	S-NPP	26.21487	78.92445	13:10:11	D	3.40
17	BHOPAL	HUZUR	S-NPP	23.09015	77.44674	13:10:11	D	4.10
18	BHOPAL	HUZUR	S-NPP	23.14586	77.38882	02:00:11	N	0.30
19	BHOPAL	HUZUR	S-NPP	23.20120	77.47987	13:10:11	D	3.90
20	CHHINDWARA	AMARWARA	S-NPP	22.21491	79.04382	13:10:11	D	5.90
21	CHHINDWARA	AMARWARA	S-NPP	22.37152	79.21091	13:10:11	D	2.90
22	CHHINDWARA	CHHINDWARA	S-NPP	22.10520	79.03684	13:10:11	D	3.00
23	DAMOH	DAMOH	S-NPP	23.70062	79.51019	13:10:11	D	0.80
24	DAMOH	JABERA	S-NPP	23.54530	79.69865	13:10:11	D	1.70
25	DAMOH	TENDUKHERA	S-NPP	23.39458	79.55689	13:10:11	D	3.10
26	DAMOH	TENDUKHERA	S-NPP	23.49021	79.37400	13:10:11	D	3.10
27	DATIA	BHANDER	S-NPP	25.57052	78.63658	13:10:11	D	2.40
28	DATIA	BHANDER	S-NPP	25.57277	78.64960	13:10:11	D	3.40
29	DATIA	BHANDER	S-NPP	25.59455	78.64953	13:10:11	D	7.20

30	DATIA	BHANDER	S-NPP	25.90854	78.77010	13:10:11	D	4.20
31	DATIA	BHANDER	S-NPP	25.91386	78.73798	13:10:11	D	2.30
32	DATIA	BHANDER	S-NPP	25.91476	78.67994	13:10:11	D	2.50
33	DATIA	BHANDER	S-NPP	25.91657	78.81702	13:10:11	D	2.80
34	DATIA	BHANDER	S-NPP	25.91988	78.79427	13:10:11	D	4.40
35	DATIA	BHANDER	S-NPP	25.97788	78.76984	13:10:11	D	3.10
36	DATIA	BHANDER	S-NPP	25.97862	78.77412	13:10:11	D	3.10
37	DATIA	DATIA	S-NPP	25.59806	78.64879	13:10:11	D	7.20
38	DATIA	DATIA	S-NPP	25.59880	78.65312	13:10:11	D	7.20
39	DATIA	DATIA	S-NPP	25.71072	78.35979	13:10:11	D	2.00
40	DATIA	DATIA	AQUA	25.59900	78.65200	13:37:36	D	8.70
41	DATIA	SEONDHA	S-NPP	25.93645	78.59482	13:10:11	D	8.10
42	DATIA	SEONDHA	S-NPP	25.93919	78.67480	13:10:11	D	8.90
43	DATIA	SEONDHA	S-NPP	25.95534	78.61887	13:10:11	D	7.20
44	DATIA	SEONDHA	S-NPP	25.96482	78.65264	13:10:11	D	4.60
45	DATIA	SEONDHA	S-NPP	25.96581	78.67918	13:10:11	D	2.60
46	DATIA	SEONDHA	S-NPP	25.97329	78.65979	13:10:11	D	2.10
47	DATIA	SEONDHA	S-NPP	25.98725	78.65685	13:10:11	D	2.00
48	DATIA	SEONDHA	S-NPP	25.99148	78.66042	13:10:11	D	2.50
49	DATIA	SEONDHA	S-NPP	26.02326	78.69827	13:10:11	D	6.40
50	DATIA	SEONDHA	S-NPP	26.02362	78.74258	13:10:11	D	2.00
51	DATIA	SEONDHA	S-NPP	26.02399	78.70256	13:10:11	D	6.40
52	DATIA	SEONDHA	S-NPP	26.03002	78.75894	13:10:11	D	3.30
53	DATIA	SEONDHA	S-NPP	26.03204	78.74967	13:10:11	D	2.80
54	DATIA	SEONDHA	S-NPP	26.03551	78.74894	13:10:11	D	2.80
55	DATIA	SEONDHA	S-NPP	26.05434	78.75384	13:10:11	D	2.90
56	DATIA	SEONDHA	S-NPP	26.05724	78.77091	13:10:11	D	2.10
57	DATIA	SEONDHA	S-NPP	26.07162	78.74656	13:10:11	D	1.90
58	DATIA	SEONDHA	AQUA	25.95400	78.62100	13:37:36	D	12.10
59	DATIA	SEONDHA	AQUA	25.98200	78.65700	13:37:36	D	49.60
60	DINDORI	DINDORI	S-NPP	22.86619	81.31338	13:10:11	D	5.00
61	GUNA	ARON	S-NPP	24.30824	77.51061	02:00:11	N	0.30
62	GUNA	ARON	S-NPP	24.32271	77.47491	13:10:11	D	3.20

63	GUNA	ARON	S-NPP	24.32325	77.47246	13:10:11	D	2.30
64	GUNA	GUNA	S-NPP	24.60995	77.47000	13:10:11	D	2.20
65	GWALIOR	BHITARWAR	S-NPP	25.71413	78.04131	13:10:11	D	5.70
66	GWALIOR	BHITARWAR	S-NPP	25.74118	78.11115	13:10:11	D	2.50
67	GWALIOR	BHITARWAR	S-NPP	25.79194	78.12040	13:10:11	D	3.60
68	GWALIOR	BHITARWAR	S-NPP	25.79745	78.06735	13:10:11	D	2.80
69	GWALIOR	BHITARWAR	S-NPP	25.80495	78.00413	13:10:11	D	8.30
70	GWALIOR	BHITARWAR	S-NPP	25.80576	78.00871	13:10:11	D	4.90
71	GWALIOR	BHITARWAR	S-NPP	25.82371	78.13236	13:10:11	D	2.40
72	GWALIOR	BHITARWAR	S-NPP	25.82372	78.04752	13:10:11	D	2.20
73	GWALIOR	BHITARWAR	S-NPP	25.82452	78.05208	13:10:11	D	3.50
74	GWALIOR	BHITARWAR	S-NPP	25.83192	77.96190	13:10:11	D	3.30
75	GWALIOR	BHITARWAR	S-NPP	25.83806	78.04442	13:10:11	D	2.30
76	GWALIOR	BHITARWAR	S-NPP	25.83949	78.04570	13:10:11	D	2.40
77	GWALIOR	BHITARWAR	S-NPP	25.84271	78.15641	13:10:11	D	3.40
78	GWALIOR	BHITARWAR	S-NPP	25.84482	78.06187	13:10:11	D	3.80
79	GWALIOR	BHITARWAR	S-NPP	25.85612	78.01373	13:10:11	D	2.90
80	GWALIOR	BHITARWAR	S-NPP	25.87059	78.05321	13:10:11	D	1.70
81	GWALIOR	BHITARWAR	S-NPP	25.87649	78.02359	13:10:11	D	3.00
82	GWALIOR	BHITARWAR	S-NPP	25.87811	78.03270	13:10:11	D	3.20
83	GWALIOR	BHITARWAR	S-NPP	25.88303	78.10236	13:10:11	D	3.80
84	GWALIOR	BHITARWAR	S-NPP	25.88543	78.11595	13:10:11	D	3.80
85	GWALIOR	BHITARWAR	S-NPP	25.88653	78.05926	13:10:11	D	2.30
86	GWALIOR	BHITARWAR	S-NPP	25.88777	78.08724	13:10:11	D	6.00
87	GWALIOR	BHITARWAR	S-NPP	25.89610	78.07134	13:10:11	D	3.80
88	GWALIOR	BHITARWAR	S-NPP	25.90203	78.04178	13:10:11	D	5.30
89	GWALIOR	BHITARWAR	S-NPP	25.90283	78.04633	13:10:11	D	6.60
90	GWALIOR	BHITARWAR	S-NPP	25.90561	78.04101	13:10:11	D	5.30
91	GWALIOR	BHITARWAR	S-NPP	25.90641	78.04556	13:10:11	D	6.60
92	GWALIOR	BHITARWAR	S-NPP	25.90724	78.09248	13:10:11	D	11.30
93	GWALIOR	BHITARWAR	S-NPP	25.91239	78.05843	13:10:11	D	3.00
94	GWALIOR	BHITARWAR	S-NPP	25.91676	78.18876	13:10:11	D	3.90
95	GWALIOR	BHITARWAR	S-NPP	25.91677	78.10455	13:10:11	D	5.20

96	GWALIOR	BHITARWAR	S-NPP	25.92629	78.11659	13:10:11	D	3.80
97	GWALIOR	BHITARWAR	S-NPP	25.94294	78.12711	13:10:11	D	11.50
98	GWALIOR	BHITARWAR	S-NPP	25.94572	78.12183	13:10:11	D	3.10
99	GWALIOR	BHITARWAR	S-NPP	25.94644	78.16843	13:10:11	D	2.30
100	GWALIOR	BHITARWAR	S-NPP	25.95008	78.12557	13:10:11	D	3.10
101	GWALIOR	BHITARWAR	S-NPP	25.95133	78.06889	13:10:11	D	4.00
102	GWALIOR	BHITARWAR	S-NPP	25.95400	78.14815	13:10:11	D	4.30
103	GWALIOR	BHITARWAR	S-NPP	25.96923	78.08048	13:10:11	D	4.10
104	GWALIOR	BHITARWAR	S-NPP	25.97085	78.08955	13:10:11	D	8.30
105	GWALIOR	BHITARWAR	S-NPP	25.97136	78.16310	13:10:11	D	3.00
106	GWALIOR	BHITARWAR	S-NPP	25.99738	78.05091	13:10:11	D	2.80
107	GWALIOR	BHITARWAR	AQUA	25.83900	78.15400	13:37:36	D	14.20
108	GWALIOR	BHITARWAR	AQUA	25.92000	78.02400	13:37:36	D	14.10
109	GWALIOR	BHITARWAR	AQUA	25.95700	78.04600	13:37:36	D	10.10
110	GWALIOR	BHITARWAR	AQUA	25.97700	78.22100	13:37:36	D	18.10
111	GWALIOR	DABRA	S-NPP	25.85777	78.16870	13:10:11	D	2.40
112	GWALIOR	DABRA	S-NPP	25.86410	78.16267	13:10:11	D	4.90
113	GWALIOR	DABRA	S-NPP	25.87238	78.28499	13:10:11	D	5.90
114	GWALIOR	DABRA	S-NPP	25.89264	78.19857	13:10:11	D	12.90
115	GWALIOR	DABRA	S-NPP	25.89817	78.18807	13:10:11	D	4.70
116	GWALIOR	DABRA	S-NPP	25.92023	78.27155	13:10:11	D	2.40
117	GWALIOR	DABRA	S-NPP	25.93796	78.41469	13:10:11	D	3.10
118	GWALIOR	DABRA	S-NPP	25.96326	78.34987	13:10:11	D	3.50
119	GWALIOR	DABRA	S-NPP	25.96680	78.34912	13:10:11	D	3.50
120	GWALIOR	DABRA	S-NPP	25.99020	78.29358	13:10:11	D	3.70
121	GWALIOR	DABRA	S-NPP	26.00880	78.38700	13:10:11	D	4.20
122	GWALIOR	DABRA	S-NPP	26.02881	78.50085	13:10:11	D	4.70
123	GWALIOR	DABRA	S-NPP	26.02928	78.33693	13:10:11	D	3.50
124	GWALIOR	GWALIOR	AQUA	26.23900	78.47000	13:37:36	D	7.80
125	HOSHANGABAD	BABAI	S-NPP	22.79229	78.05809	13:10:11	D	2.80
126	HOSHANGABAD	BANKHERI	S-NPP	22.72365	78.43704	13:10:11	D	3.50
127	HOSHANGABAD	BANKHERI	S-NPP	22.73018	78.43084	13:10:11	D	4.90
128	HOSHANGABAD	BANKHERI	S-NPP	22.90633	78.47612	13:10:11	D	3.40

129	HOSHANGABAD	HOSHANGABAD	S-NPP	22.63773	77.70155	13:10:11	D	2.90
130	HOSHANGABAD	HOSHANGABAD	S-NPP	22.66532	77.72226	13:10:11	D	9.10
131	HOSHANGABAD	HOSHANGABAD	S-NPP	22.68635	77.62327	02:00:11	N	0.50
132	HOSHANGABAD	ITARSI	S-NPP	22.50391	77.66346	02:00:11	N	0.30
133	HOSHANGABAD	ITARSI	S-NPP	22.60126	77.85861	13:10:11	D	7.10
134	HOSHANGABAD	ITARSI	S-NPP	22.62615	77.71124	13:10:11	D	3.70
135	HOSHANGABAD	ITARSI	S-NPP	22.64983	77.78880	13:10:11	D	4.70
136	HOSHANGABAD	PIPARIYA	S-NPP	22.68892	78.32672	13:10:11	D	3.50
137	HOSHANGABAD	PIPARIYA	S-NPP	22.73100	78.43554	13:10:11	D	4.90
138	HOSHANGABAD	PIPARIYA	S-NPP	22.74234	78.31824	13:10:11	D	4.90
139	HOSHANGABAD	PIPARIYA	S-NPP	22.75030	78.34119	13:10:11	D	2.70
140	HOSHANGABAD	PIPARIYA	S-NPP	22.79356	78.39095	13:10:11	D	5.60
141	HOSHANGABAD	PIPARIYA	S-NPP	22.84774	78.34122	02:00:11	N	1.10
142	HOSHANGABAD	PIPARIYA	S-NPP	22.84780	78.42597	02:00:11	N	0.50
143	HOSHANGABAD	PIPARIYA	S-NPP	22.85161	78.41792	13:10:11	D	5.30
144	HOSHANGABAD	PIPARIYA	S-NPP	22.85436	78.41908	13:10:11	D	3.20
145	HOSHANGABAD	PIPARIYA	S-NPP	22.92525	78.38987	13:10:11	D	4.00
146	HOSHANGABAD	SOHAGPUR	S-NPP	22.67281	78.10551	13:10:11	D	3.30
147	HOSHANGABAD	SOHAGPUR	S-NPP	22.75554	78.24030	02:00:11	N	0.50
148	HOSHANGABAD	SOHAGPUR	S-NPP	22.75939	78.28513	13:10:11	D	2.70
149	HOSHANGABAD	SOHAGPUR	S-NPP	22.83503	78.27931	13:10:11	D	2.80
150	HOSHANGABAD	SOHAGPUR	S-NPP	22.85207	78.20750	02:00:11	N	0.70
151	JABALPUR	JABALPUR	S-NPP	23.20951	80.05560	13:10:11	D	5.20
152	JABALPUR	JABALPUR	S-NPP	23.25400	79.88431	13:10:11	D	2.10
153	JABALPUR	JABALPUR	S-NPP	23.26885	79.99440	13:10:11	D	4.40
154	JABALPUR	JABALPUR	S-NPP	23.30479	79.89118	13:10:11	D	4.90
155	JABALPUR	JABALPUR	S-NPP	23.30701	79.84030	13:10:11	D	10.20
156	JABALPUR	JABALPUR	S-NPP	23.33541	79.94802	13:10:11	D	5.60
157	JABALPUR	JABALPUR	S-NPP	23.34429	79.92175	13:10:11	D	7.60
158	JABALPUR	JABALPUR	AQUA	23.33500	79.92700	13:37:36	D	16.80
159	JABALPUR	JABALPUR	AQUA	23.33700	79.94000	13:37:36	D	8.40
160	JABALPUR	JABALPUR	AQUA	23.33900	79.88900	13:37:36	D	9.70
161	JABALPUR	JABALPUR	AQUA	23.34000	79.89600	13:37:36	D	11.60

162	JABALPUR	JABALPUR	AQUA	23.37600	79.92600	13:37:36	D	9.60
163	JABALPUR	JABALPUR	AQUA	23.37800	79.93900	13:37:36	D	8.10
164	JABALPUR	MAJHOULI	S-NPP	23.41728	79.99931	13:10:11	D	2.60
165	JABALPUR	MAJHOULI	S-NPP	23.43748	80.05765	13:10:11	D	4.60
166	JABALPUR	MAJHOULI	S-NPP	23.43978	80.00740	13:10:11	D	3.70
167	JABALPUR	MAJHOULI	S-NPP	23.44320	80.00674	13:10:11	D	3.70
168	JABALPUR	MAJHOULI	S-NPP	23.44386	80.01077	13:10:11	D	3.70
169	JABALPUR	MAJHOULI	S-NPP	23.45960	79.96290	13:10:11	D	2.20
170	JABALPUR	MAJHOULI	S-NPP	23.47726	80.00523	13:10:11	D	6.60
171	JABALPUR	MAJHOULI	S-NPP	23.52274	79.89632	13:10:11	D	4.40
172	JABALPUR	MAJHOULI	S-NPP	23.52617	79.89565	13:10:11	D	4.40
173	JABALPUR	MAJHOULI	S-NPP	23.52959	79.89497	13:10:11	D	9.90
174	JABALPUR	MAJHOULI	S-NPP	23.53168	79.88619	13:10:11	D	4.80
175	JABALPUR	MAJHOULI	S-NPP	23.53235	79.89025	13:10:11	D	9.90
176	JABALPUR	MAJHOULI	S-NPP	23.53921	79.88892	13:10:11	D	14.30
177	JABALPUR	MAJHOULI	S-NPP	23.54399	80.15348	13:10:11	D	3.30
178	JABALPUR	MAJHOULI	S-NPP	23.54424	80.11228	13:10:11	D	3.50
179	JABALPUR	MAJHOULI	AQUA	23.42600	80.04200	13:37:36	D	52.60
180	JABALPUR	MAJHOULI	AQUA	23.42800	80.05400	13:37:36	D	8.00
181	JABALPUR	MAJHOULI	AQUA	23.43900	80.00200	13:37:36	D	15.40
182	JABALPUR	MAJHOULI	AQUA	23.53300	79.88300	13:37:36	D	9.90
183	JABALPUR	PATAN	S-NPP	23.21261	79.68070	13:10:11	D	3.60
184	JABALPUR	PATAN	S-NPP	23.21607	79.68002	13:10:11	D	3.60
185	JABALPUR	PATAN	S-NPP	23.28523	79.70905	13:10:11	D	7.10
186	JABALPUR	PATAN	S-NPP	23.30903	79.85252	13:10:11	D	4.40
187	JABALPUR	PATAN	S-NPP	23.31267	79.75529	13:10:11	D	6.60
188	JABALPUR	PATAN	S-NPP	23.34781	79.83711	13:10:11	D	10.40
189	JABALPUR	PATAN	AQUA	23.20700	79.71600	13:37:36	D	22.70
190	JABALPUR	SAHPURA	S-NPP	23.17190	79.78609	13:10:11	D	4.20
191	JABALPUR	SAHPURA	S-NPP	23.18863	79.53939	13:10:11	D	4.40
192	JABALPUR	SAHPURA	S-NPP	23.19920	79.58045	13:10:11	D	8.80
193	JABALPUR	SAHPURA	AQUA	23.13800	79.67700	13:37:36	D	10.20
194	JABALPUR	SAHPURA	AQUA	23.16100	79.81600	13:37:36	D	8.20

195	JABALPUR	SIHORA	S-NPP	23.34884	80.11581	13:10:11	D	2.70
196	JABALPUR	SIHORA	S-NPP	23.38015	80.07294	13:10:11	D	5.70
197	JABALPUR	SIHORA	S-NPP	23.38356	80.07227	13:10:11	D	5.70
198	JABALPUR	SIHORA	S-NPP	23.38631	80.06760	13:10:11	D	3.90
199	JABALPUR	SIHORA	S-NPP	23.40638	80.14628	13:10:11	D	4.90
200	JABALPUR	SIHORA	S-NPP	23.41527	80.13632	13:10:11	D	5.80
201	JABALPUR	SIHORA	S-NPP	23.44565	80.17159	13:10:11	D	7.40
202	JABALPUR	SIHORA	S-NPP	23.45153	80.10041	13:10:11	D	2.20
203	JABALPUR	SIHORA	S-NPP	23.47045	80.21603	13:10:11	D	4.90
204	JABALPUR	SIHORA	S-NPP	23.49924	80.13744	13:10:11	D	3.00
205	JABALPUR	SIHORA	AQUA	23.38100	80.07600	13:37:36	D	7.20
206	JABALPUR	SIHORA	AQUA	23.40300	80.14500	13:37:36	D	14.50
207	KATNI	BAHURIBAND	S-NPP	23.73149	79.93164	13:10:11	D	2.50
208	KATNI	BARBARA	S-NPP	23.84939	80.56952	13:10:11	D	2.00
209	KATNI	DHIMERKHEDA	S-NPP	23.42730	80.37935	13:10:11	D	3.80
210	KATNI	DHIMERKHEDA	S-NPP	23.45305	80.36626	13:10:11	D	3.30
211	KATNI	DHIMERKHEDA	S-NPP	23.54240	80.29297	13:10:11	D	4.80
212	KATNI	DHIMERKHEDA	S-NPP	23.56444	80.55560	13:10:11	D	4.00
213	KATNI	MURBARA	S-NPP	23.74804	80.35126	13:10:11	D	1.80
214	MORENA	JORA	S-NPP	26.36762	77.83356	02:00:11	N	0.20
215	NARSHIMAPURA	GADARWARA	S-NPP	22.81435	78.85056	13:10:11	D	3.70
216	NARSHIMAPURA	GOTECAON	AQUA	22.97200	79.48200	13:37:36	D	10.30
217	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.77803	79.44736	13:10:11	D	2.00
218	PANNA	PAWAI	S-NPP	24.17806	79.92081	13:10:11	D	1.90
219	PANNA	SHAHNAGAR	S-NPP	23.89735	79.98294	13:10:11	D	3.30
220	PANNA	SHAHNAGAR	S-NPP	23.95950	79.93346	13:10:11	D	2.60
221	RAISEN	BARELI	S-NPP	22.93683	78.23225	13:10:11	D	2.20
222	RAISEN	BARELI	S-NPP	23.05629	78.20169	02:00:11	N	0.40
223	RAISEN	GAIRATGANJ	S-NPP	23.33764	78.03017	02:00:11	N	1.20
224	RAISEN	GAIRATGANJ	S-NPP	23.34094	78.03079	02:00:11	N	0.80
225	RAISEN	GAIRATGANJ	S-NPP	23.38301	78.06487	02:00:11	N	0.40
226	RAISEN	GOHARGANJ	S-NPP	23.03218	77.61632	13:10:11	D	1.30
227	RAISEN	GOHARGANJ	S-NPP	23.03600	77.61550	13:10:11	D	6.10

228	RAISEN	GOHARGANJ	S-NPP	23.03813	77.61842	13:10:11	D	9.30
229	RAISEN	GOHARGANJ	S-NPP	23.03996	77.59338	13:10:11	D	3.60
230	RAISEN	GOHARGANJ	S-NPP	23.04102	77.59124	13:10:11	D	3.40
231	RAISEN	GOHARGANJ	S-NPP	23.05551	77.47574	13:10:11	D	4.20
232	RAISEN	GOHARGANJ	S-NPP	23.05819	77.59824	13:10:11	D	3.20
233	RAISEN	RAISEN	S-NPP	23.28340	77.66367	02:00:11	N	0.30
234	RAISEN	RAISEN	S-NPP	23.40480	77.73112	02:00:11	N	0.60
235	RAISEN	RAISEN	S-NPP	23.40803	77.73114	02:00:11	N	0.50
236	RAISEN	RAISEN	S-NPP	23.46225	77.55615	02:00:11	N	0.40
237	RAISEN	RAISEN	S-NPP	23.46398	77.54491	02:00:11	N	0.70
238	RAISEN	RAISEN	S-NPP	23.50312	77.75190	13:10:11	D	3.10
239	RAISEN	SILVANI	S-NPP	23.12714	78.31100	02:00:11	N	1.00
240	RAISEN	SILVANI	S-NPP	23.20606	78.26412	02:00:11	N	0.40
241	REWA	HUZUR	AQUA	24.58300	81.30800	13:37:36	D	6.20
242	REWA	SIRMAUR	S-NPP	24.79699	81.53703	13:10:11	D	2.50
243	REWA	TEONTHAR	S-NPP	24.98133	81.43278	13:10:11	D	2.10
244	SAGAR	REHLI	S-NPP	23.62410	79.17571	02:00:11	N	0.40
245	SATNA	AMARPATAN	AQUA	24.49100	81.07800	13:37:36	D	8.50
246	SATNA	MAIHAR	S-NPP	24.38158	80.87066	13:10:11	D	2.80
247	SATNA	NAGOD	S-NPP	24.49842	80.45033	13:10:11	D	3.40
248	SATNA	NAGOD	S-NPP	24.59585	80.66022	13:10:11	D	0.90
249	SATNA	NAGOD	S-NPP	24.67826	80.58463	13:10:11	D	5.50
250	SATNA	R>MPURBAGHLEAN	S-NPP	24.37227	80.96310	13:10:11	D	2.40
251	SATNA	R>MPURBAGHLEAN	S-NPP	24.43659	81.04533	13:10:11	D	1.90
252	SATNA	R>MPURBAGHLEAN	S-NPP	24.50362	81.00113	13:10:11	D	8.20
253	SATNA	R>MPURBAGHLEAN	S-NPP	24.53324	80.92864	13:10:11	D	3.00
254	SATNA	R>MPURBAGHLEAN	S-NPP	24.62882	80.99788	13:10:11	D	4.90
255	SATNA	RAGUR>JNAGAR	S-NPP	24.70659	80.76208	13:10:11	D	1.50
256	SATNA	UCHAHAR	S-NPP	24.42396	80.92184	13:10:11	D	3.10
257	SATNA	UCHAHAR	S-NPP	24.51522	80.70666	13:10:11	D	1.00
258	SEONI	GHANSAUR	S-NPP	22.39173	79.71104	13:10:11	D	3.10
259	SEONI	GHANSAUR	S-NPP	22.39522	79.71038	13:10:11	D	3.10
260	SEONI	GHANSAUR	S-NPP	22.43032	79.67919	13:10:11	D	3.10

261	SEONI	GHANSAUR	S-NPP	22.43523	79.68684	13:10:11	D	2.20
262	SEONI	GHANSAUR	S-NPP	22.45686	79.68690	13:10:11	D	7.00
263	SEONI	GHANSAUR	S-NPP	22.45980	79.74660	13:10:11	D	2.10
264	SEONI	GHANSAUR	S-NPP	22.62481	80.10381	13:10:11	D	1.50
265	SEONI	KEWLARI	S-NPP	22.26594	79.84214	13:10:11	D	2.70
266	SEONI	KEWLARI	S-NPP	22.26664	79.84627	13:10:11	D	2.70
267	SEONI	KEWLARI	S-NPP	22.28261	79.83463	13:10:11	D	3.40
268	SEONI	KEWLARI	S-NPP	22.33609	79.83277	13:10:11	D	4.70
269	SEONI	KEWLARI	S-NPP	22.35018	79.86887	13:10:11	D	4.10
270	SEONI	KEWLARI	S-NPP	22.35365	79.86820	13:10:11	D	5.10
271	SEONI	KEWLARI	S-NPP	22.35432	79.85104	13:10:11	D	2.10
272	SEONI	KEWLARI	S-NPP	22.36736	79.73730	13:10:11	D	2.80
273	SEONI	KEWLARI	S-NPP	22.40287	79.88419	13:10:11	D	10.80
274	SEONI	KEWLARI	S-NPP	22.40633	79.88353	13:10:11	D	6.70
275	SEONI	KEWLARI	S-NPP	22.40695	79.95117	13:10:11	D	3.30
276	SEONI	KEWLARI	S-NPP	22.42915	79.91313	13:10:11	D	2.30
277	SEONI	KEWLARI	S-NPP	22.44479	80.00711	13:10:11	D	2.20
278	SEONI	KEWLARI	AQUA	22.35700	79.86200	13:37:36	D	12.60
279	SEONI	KEWLARI	AQUA	22.40100	79.87900	13:37:36	D	6.90
280	SEONI	SEONI	S-NPP	22.19880	79.36299	13:10:11	D	2.30
281	SEONI	SEONI	S-NPP	22.23166	79.40545	13:10:11	D	2.50
282	SEONI	SEONI	S-NPP	22.27357	79.82358	13:10:11	D	3.90
283	SEONI	SEONI	S-NPP	22.27468	79.42867	13:10:11	D	2.50
284	SEONI	SEONI	S-NPP	22.27631	79.43197	13:10:11	D	2.20
285	SEONI	SEONI	AQUA	22.06100	79.50800	13:37:36	D	7.40
286	SHAJAPUR	MOMAN BARODIY	S-NPP	23.63960	76.34647	02:00:11	N	0.40
287	SHEOPUR	SHEOPUR	S-NPP	25.64248	76.67603	13:10:11	D	10.70
288	SHEOPUR	SHEOPUR	S-NPP	25.78950	76.62331	13:10:11	D	3.20
289	SHEOPUR	SHEOPUR	AQUA	25.73000	76.57300	13:37:36	D	16.00
290	SHIVPURI	KOLARAS	S-NPP	25.26285	77.51099	13:10:11	D	4.70
291	SHIVPURI	NARWAR	S-NPP	25.55259	78.10286	13:10:11	D	2.30
292	SHIVPURI	NARWAR	S-NPP	25.58932	78.26857	13:10:11	D	2.70
293	SHIVPURI	NARWAR	S-NPP	25.63120	78.07802	13:10:11	D	2.40

294	SHIVPURI	NARWAR	S-NPP	25.64091	78.18277	13:10:11	D	2.50
295	SHIVPURI	NARWAR	S-NPP	25.69023	78.07487	13:10:11	D	2.70
296	SHIVPURI	SHIVPURI	S-NPP	25.32660	77.65288	13:10:11	D	5.80
297	SHIVPURI	SHIVPURI	S-NPP	25.32821	77.64960	13:10:11	D	4.70
298	UMARIA	BANDHOGARH	S-NPP	23.60377	80.75581	13:10:11	D	3.40
299	VIDESHA	VIDESHA	S-NPP	23.40372	77.97639	02:00:11	N	0.70
300	VIDESHA	VIDESHA	S-NPP	23.71245	77.81528	13:10:11	D	2.60

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

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

Study Team

ICAR – HQ	Dr Rajbir Singh	ADG-NRM (AAF&CC)	raibirsingh.nrm@gmail.com
ICAR - IARI	Dr V.K. Sehgal	Pr. Scientist & Nodal Officer	iaricreams@gmail.com
	Dr Rajkumar Dhakar	Scientist	rajdhakar.iari@gmail.com
	Mr Mohd Jahangir	Lab Assistant (KRISHI)	mjahangir198@gmail.com
ICAR - ATARI	Dr Parvender Sheoran	Director ATARI (Zone-I) Ludhiana	zcu1ldh@gmail.com
	Dr. J.P. Mishra	Director ATARI (Zone-II) Jodhpur	jp.mishra67@gov.in
	Dr S.K. Dubey	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)

The DASHBOARD for paddy residue burning events is available at weblink: [CREAMS Fire Dashboard](#)
