

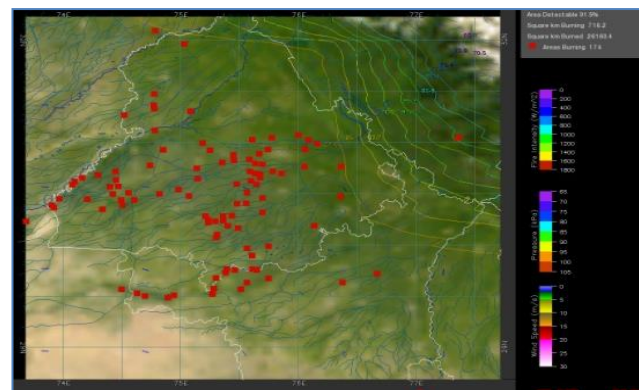
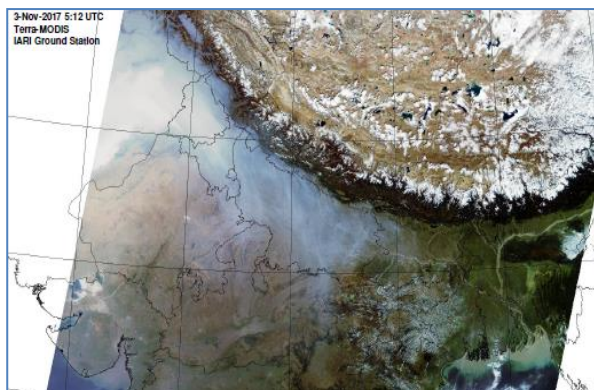


MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2022

**Bulletin
No. 53**

**Events Date:
06-Nov-2022**

**Issued on:
06-Nov-2022**



Prepared by:

**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
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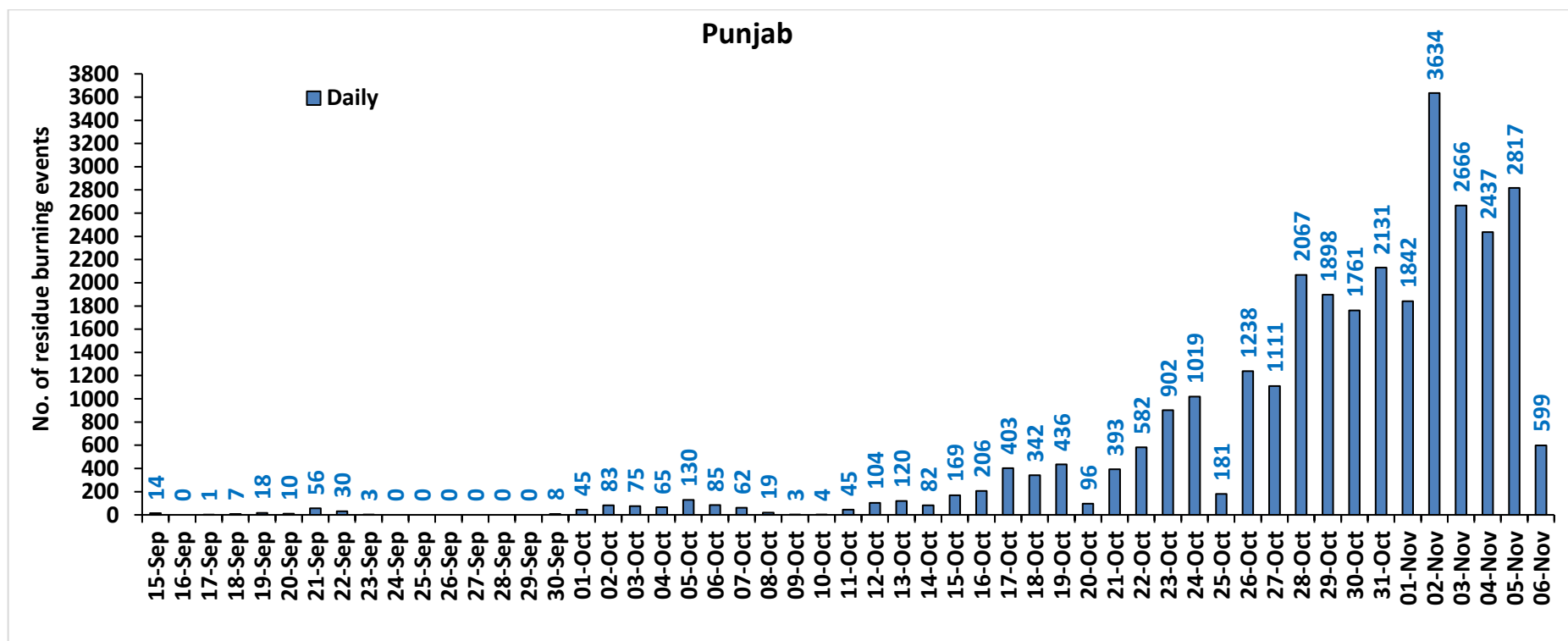
<http://creams.iari.res.in>



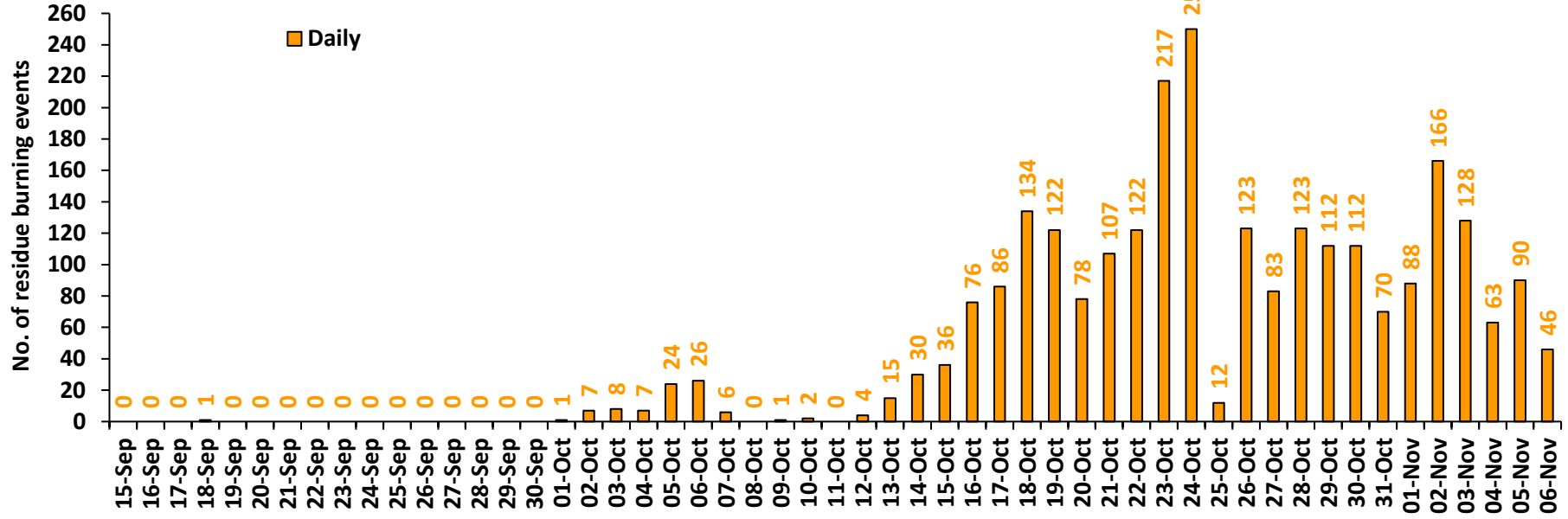
Highlights for 06-Nov-2022

- 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 **1092** residue burning events in the six study States on 06-Nov-2022.
- The state wise events detected on 06-Nov-2022 were **599** in Punjab, **46** in Haryana, **28** in UP, **0** in Delhi, **27** in Rajasthan and **392** in MP.
- Total **36791** burning events were detected in the six states between 15-Sept-2022 and 06-Nov-2022, which are distributed as **29999**, **2576**, **955**, **9**, **614** and **2638** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.
- Detection of fire events was hampered by the clouds over Punjab, Haryana, Uttar Pradesh, Delhi and Rajasthan.

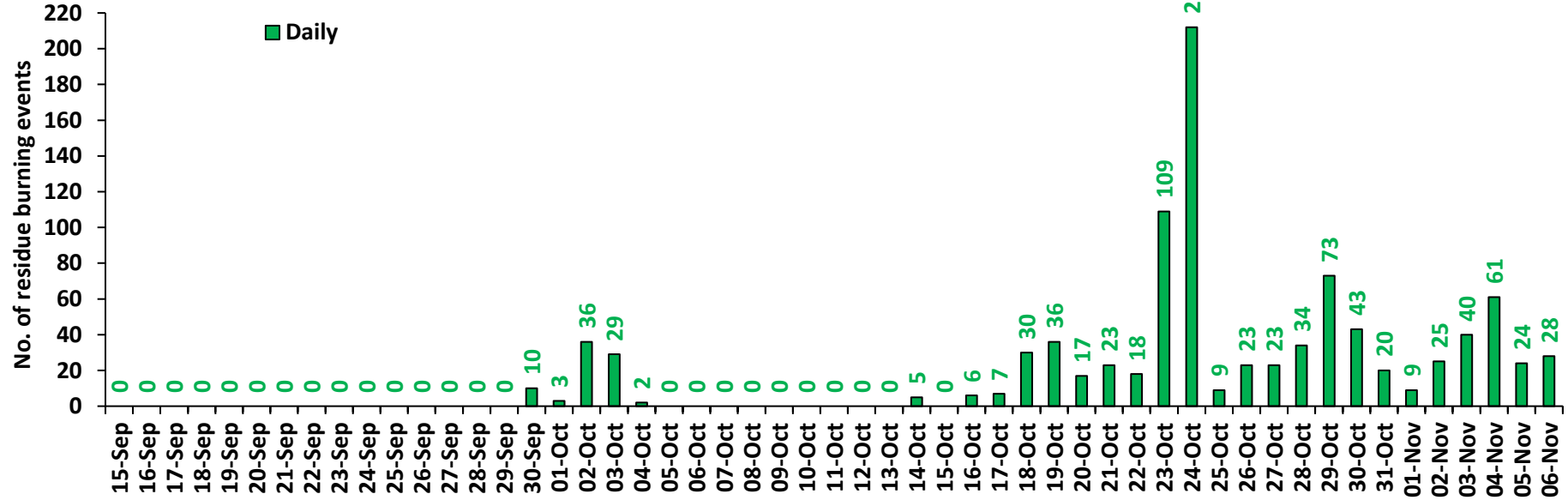
Temporal distribution of rice residue burning events for the study States in 2022



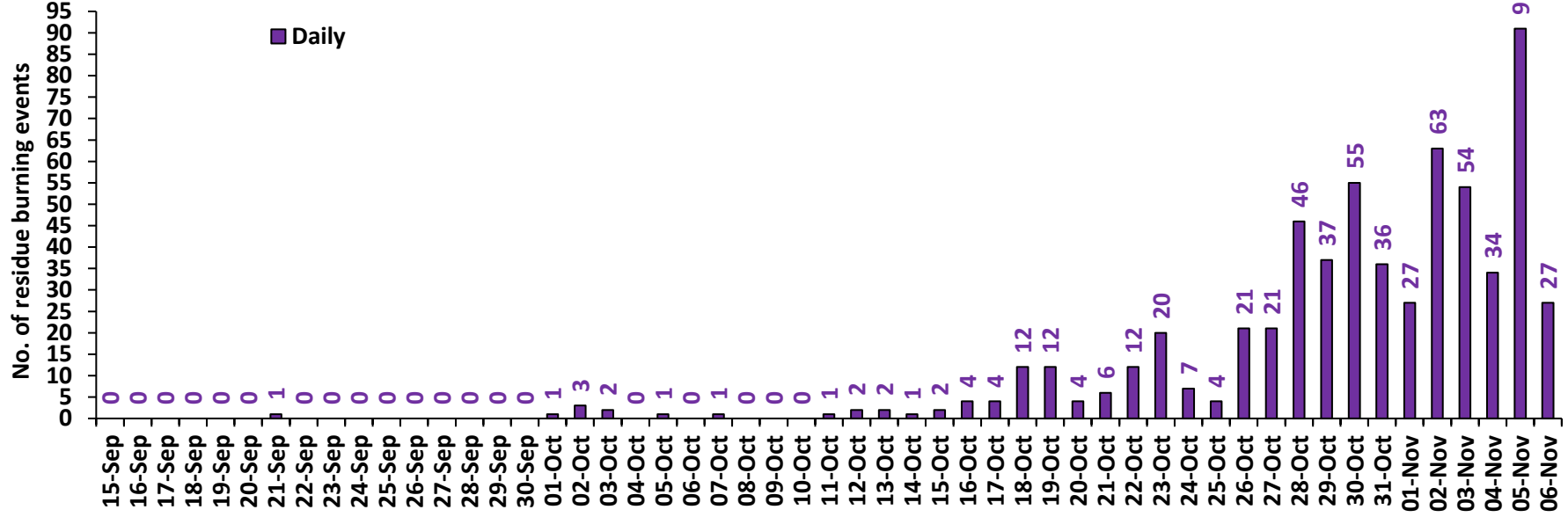
Haryana



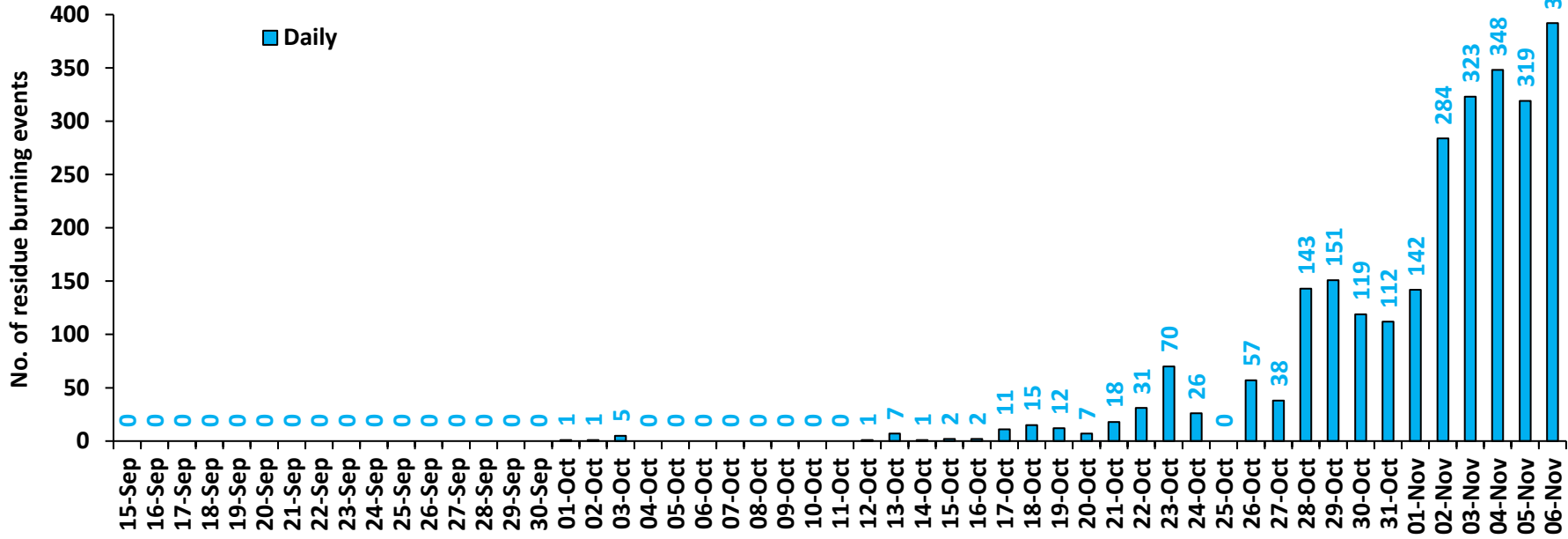
Uttar Pradesh



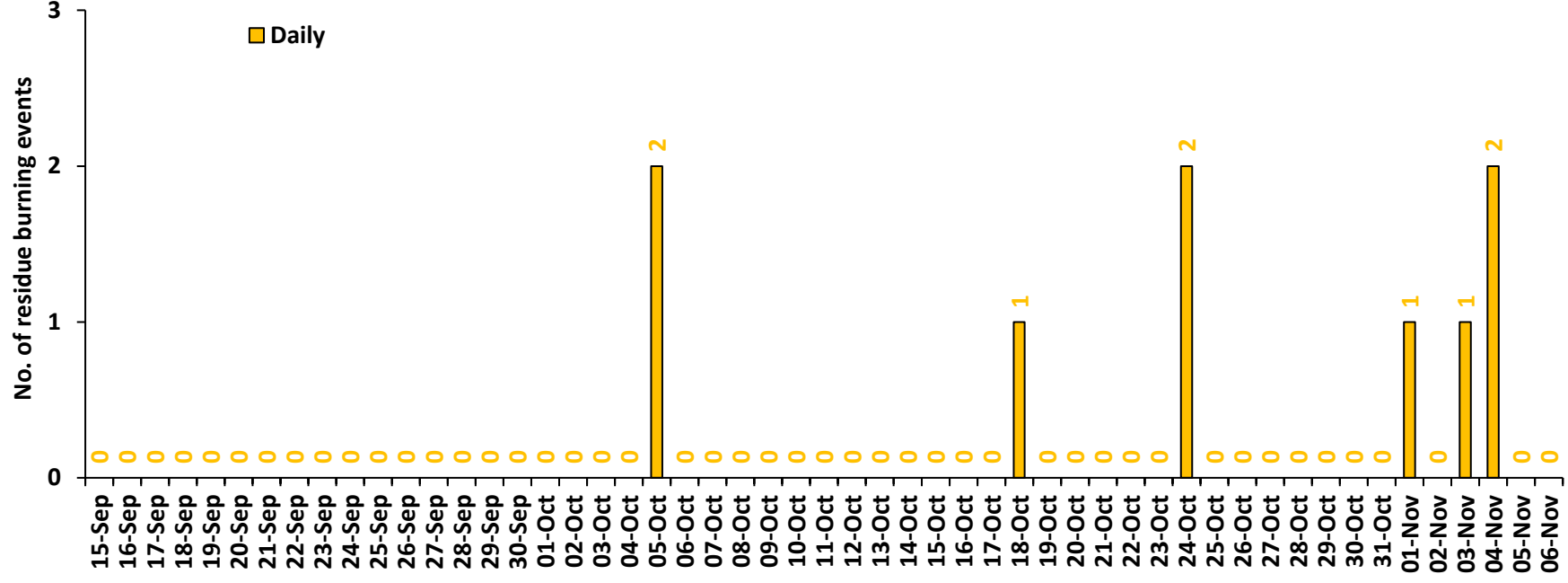
Rajasthan



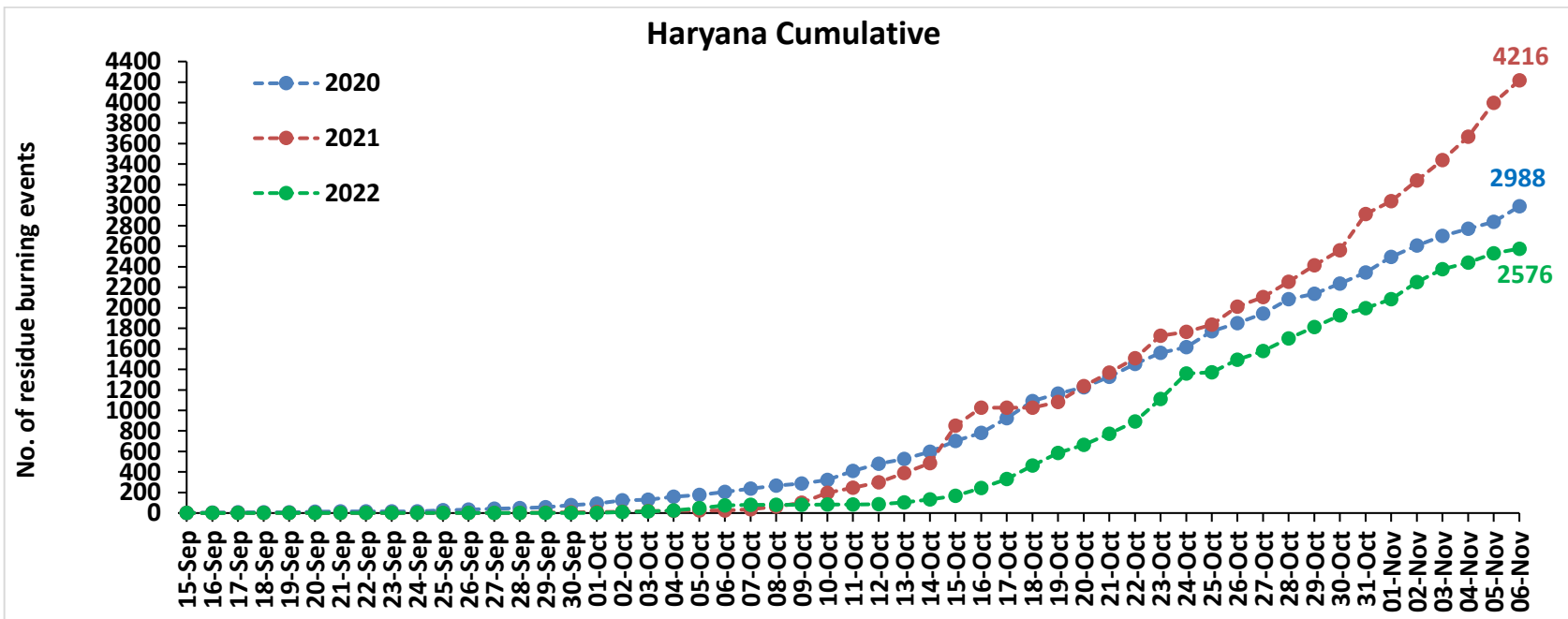
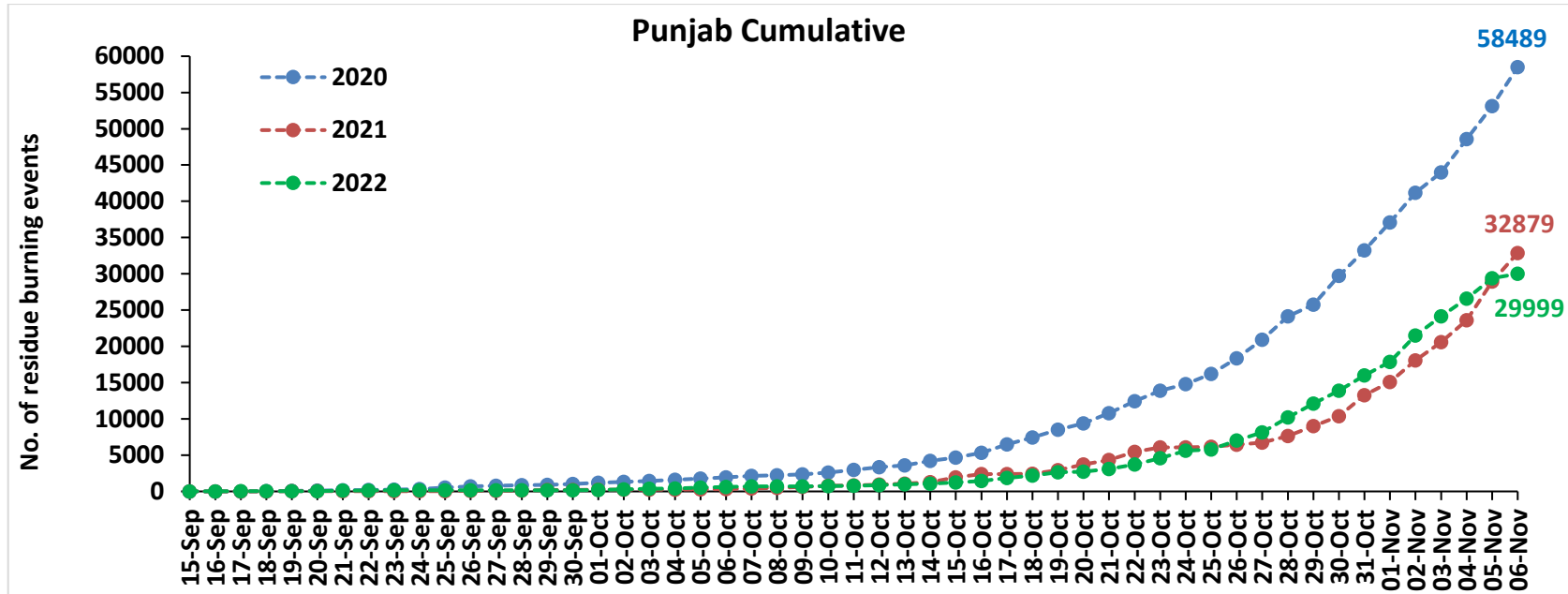
Madhya Pradesh

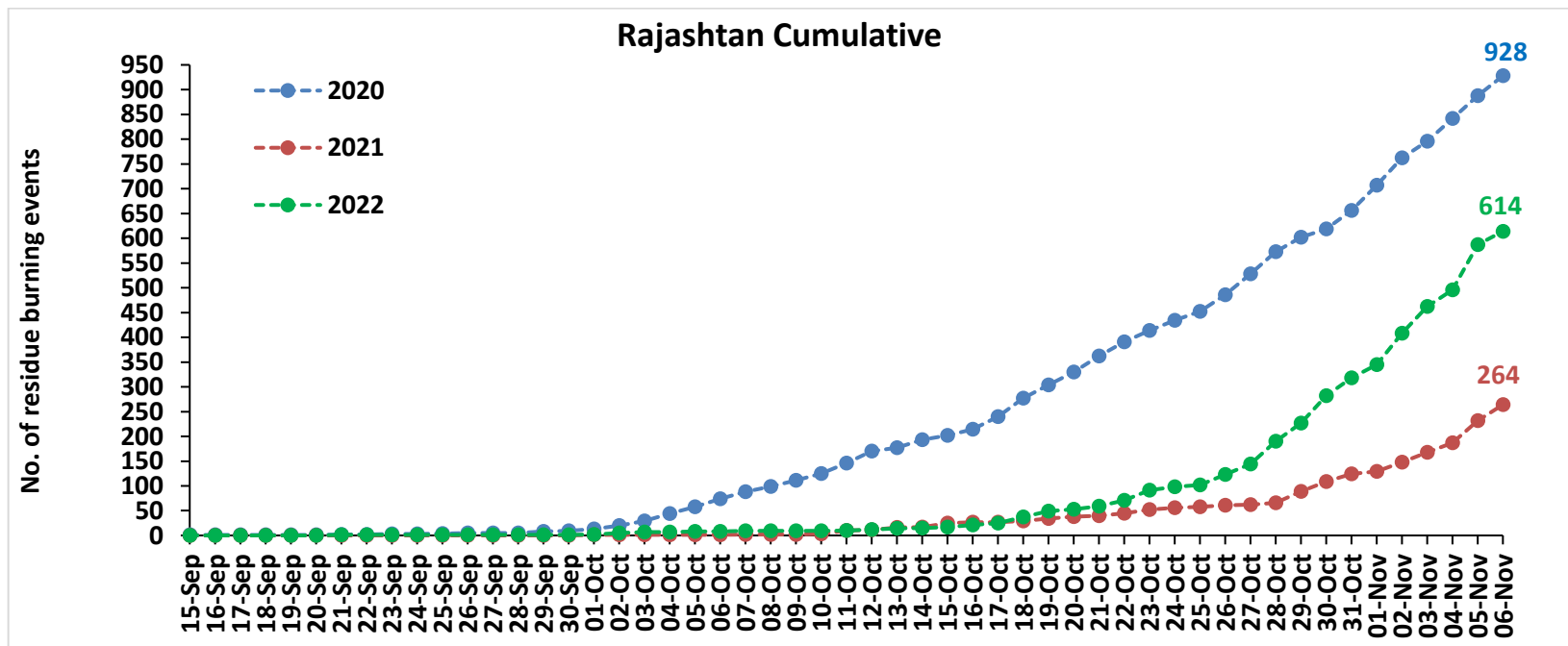
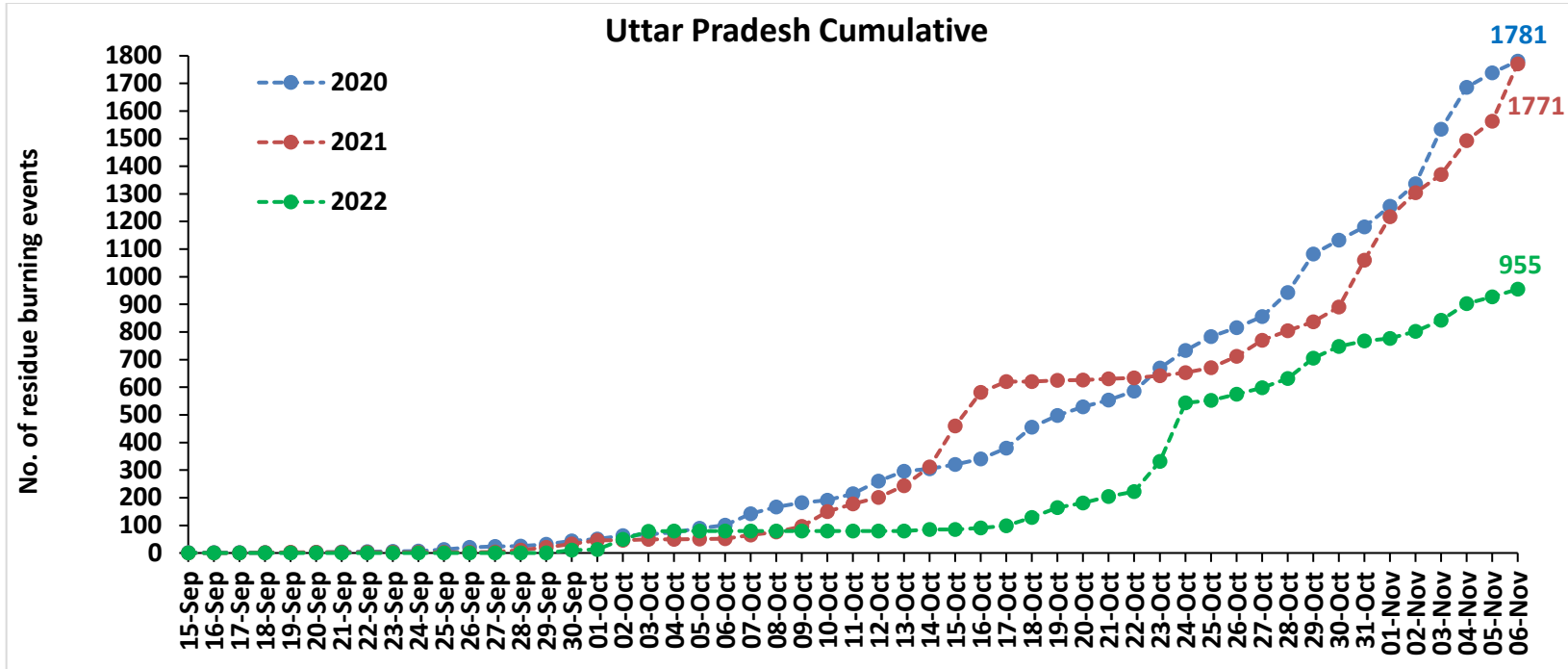


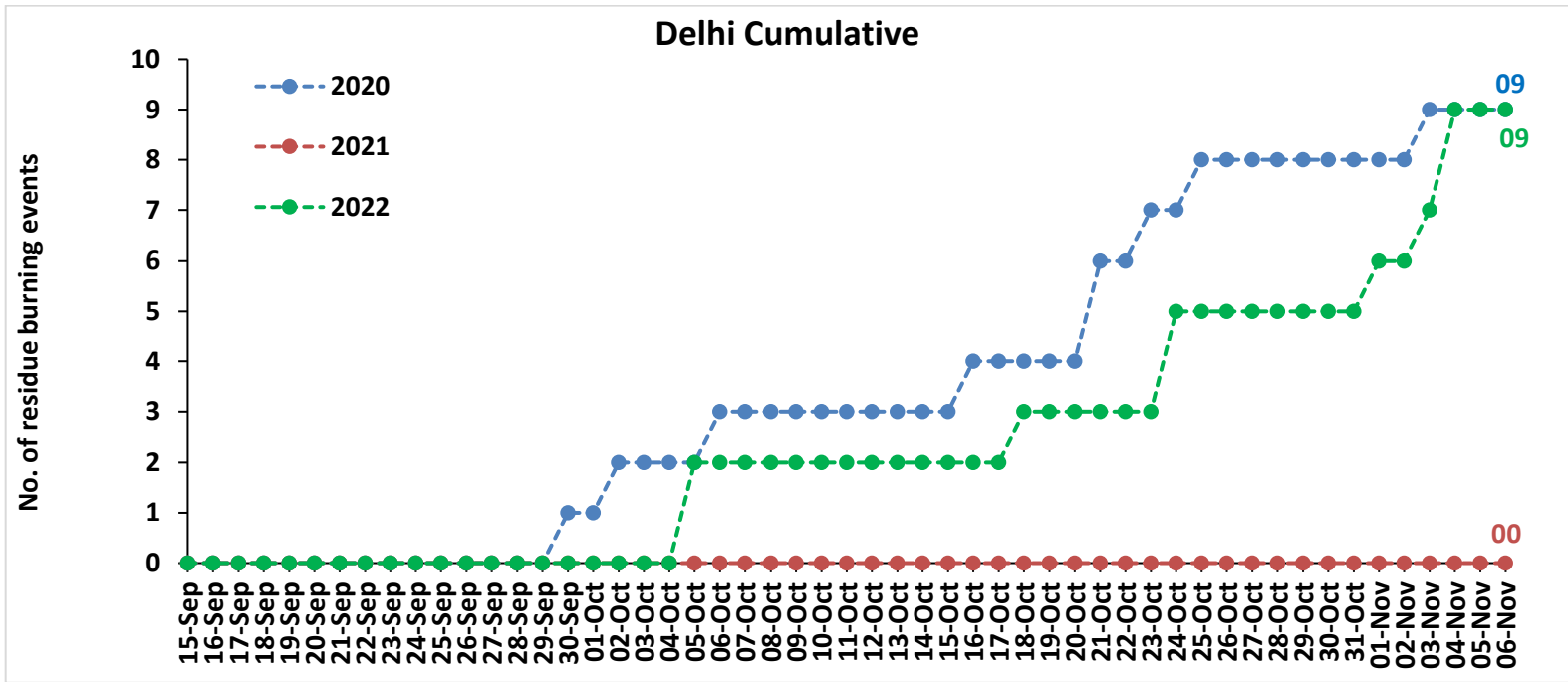
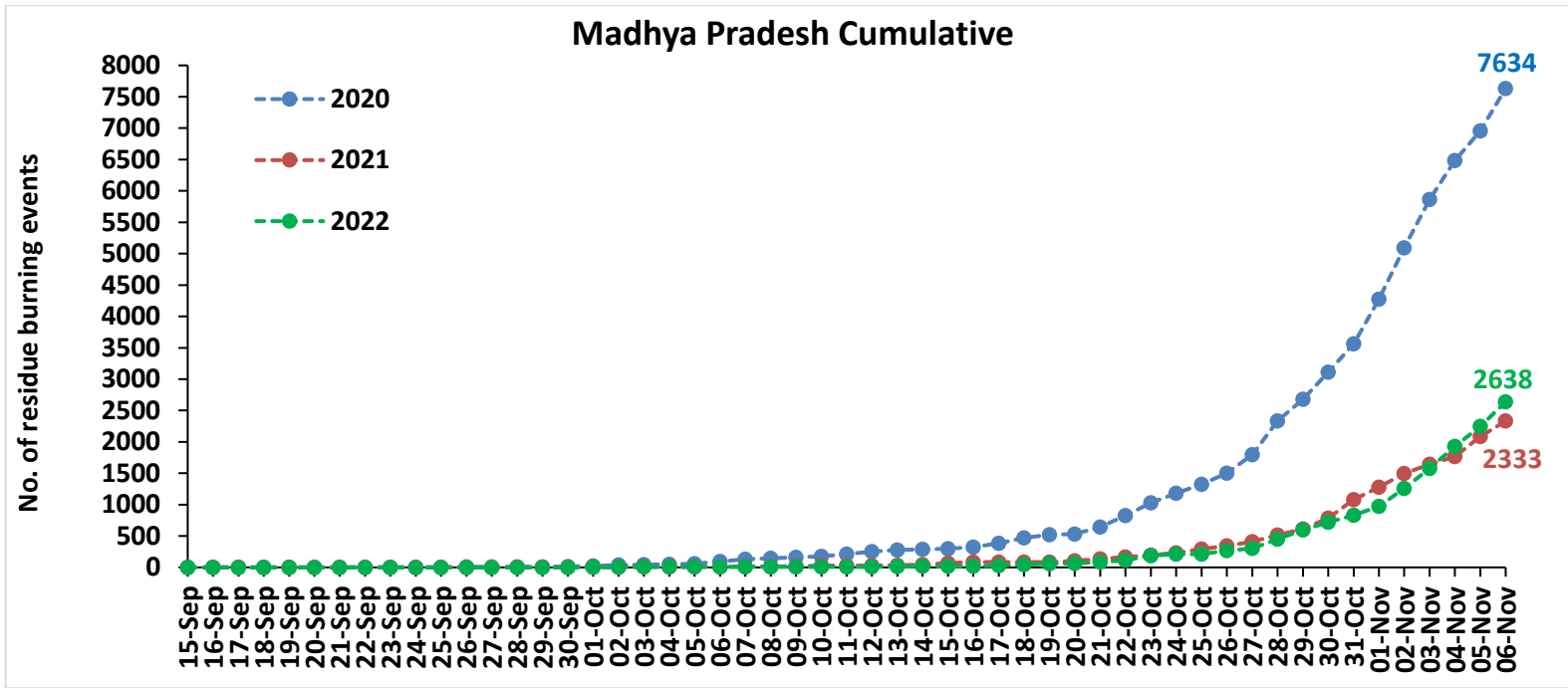
Delhi



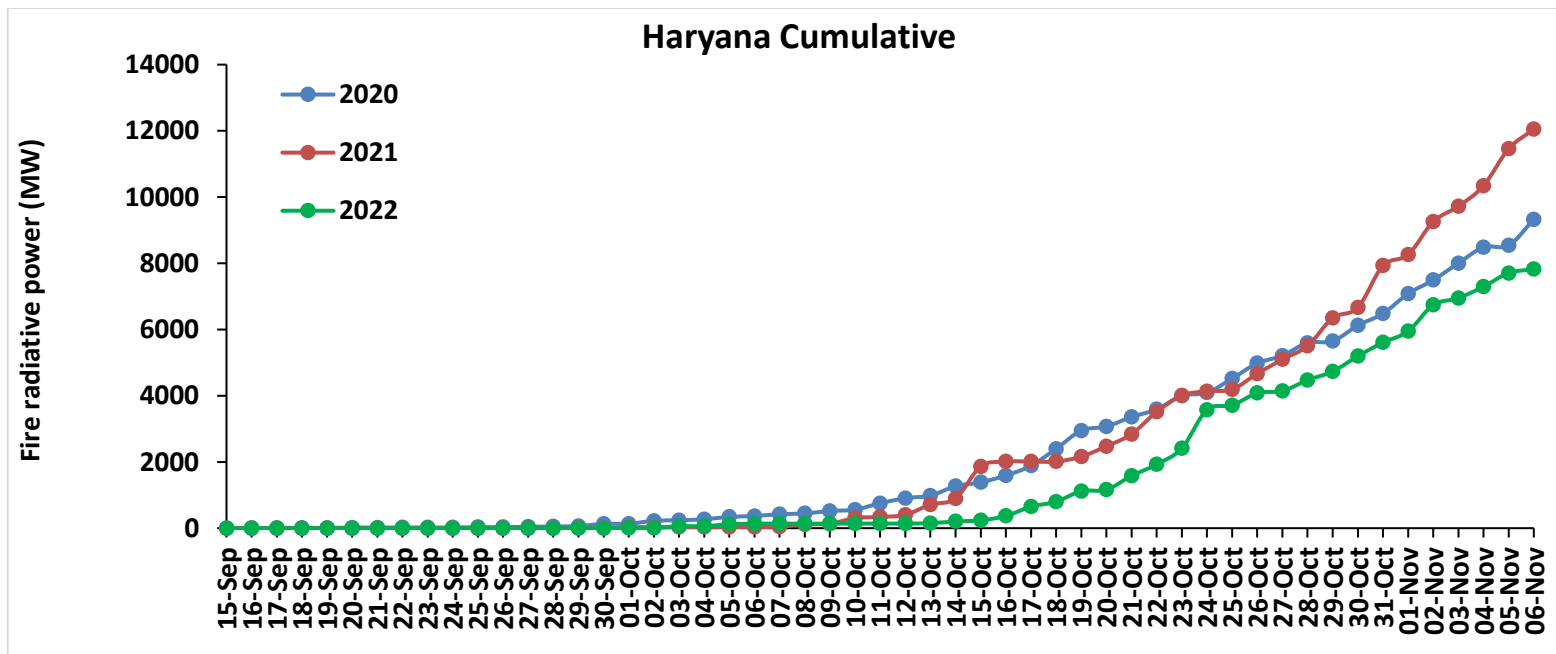
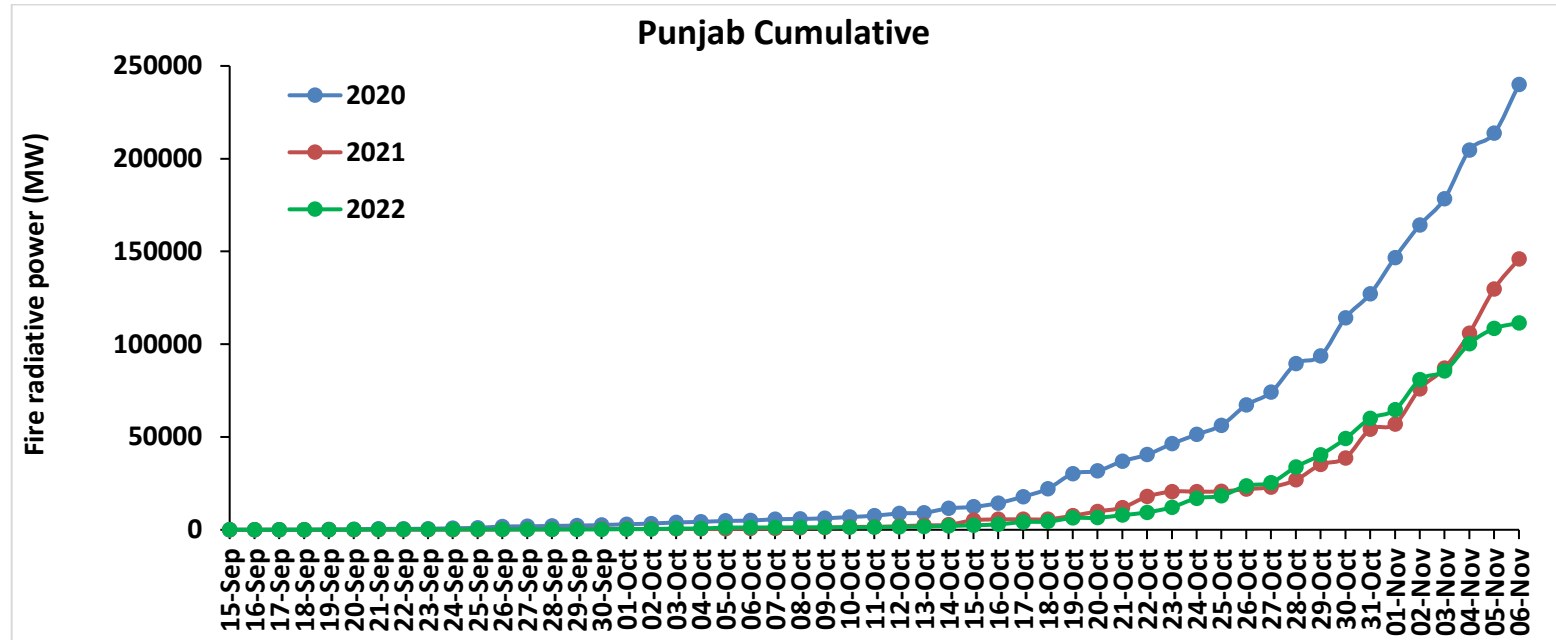
Comparison of residue burning events in current year (2022) with previous years (2020 and 2021) for the study States

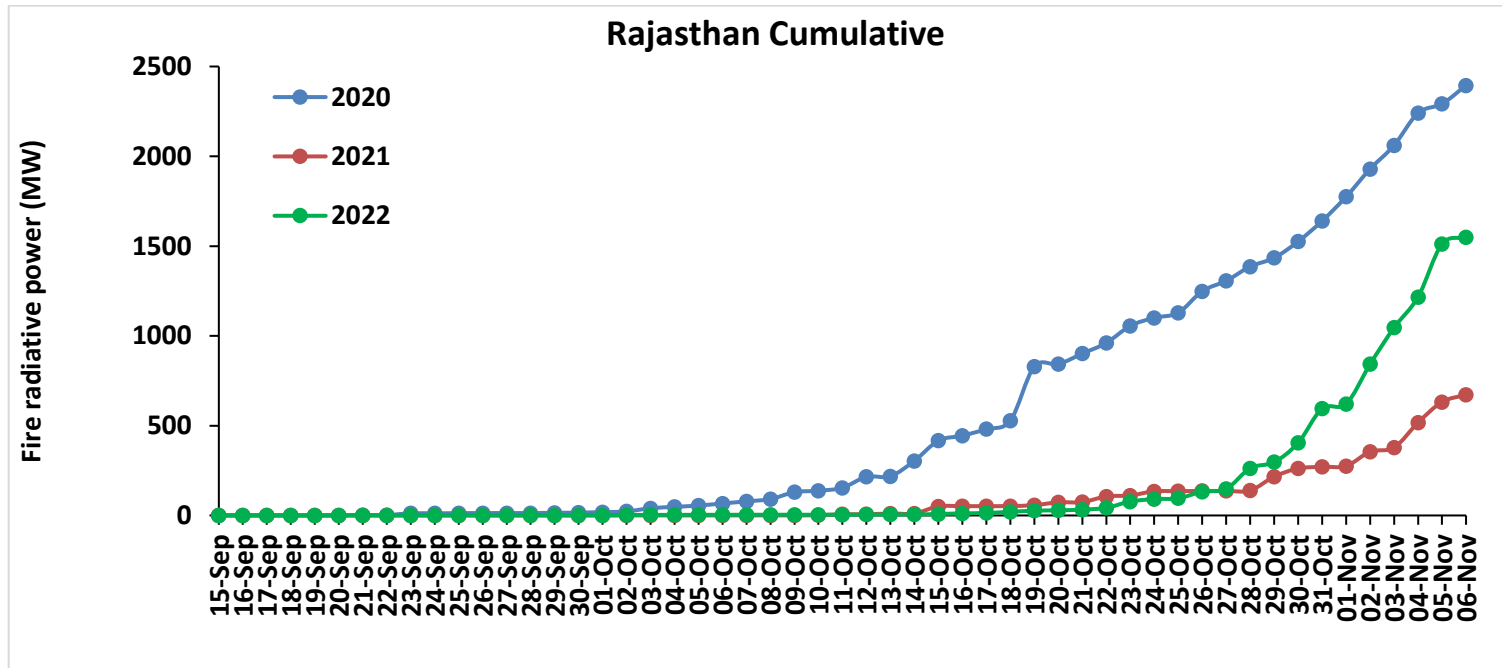
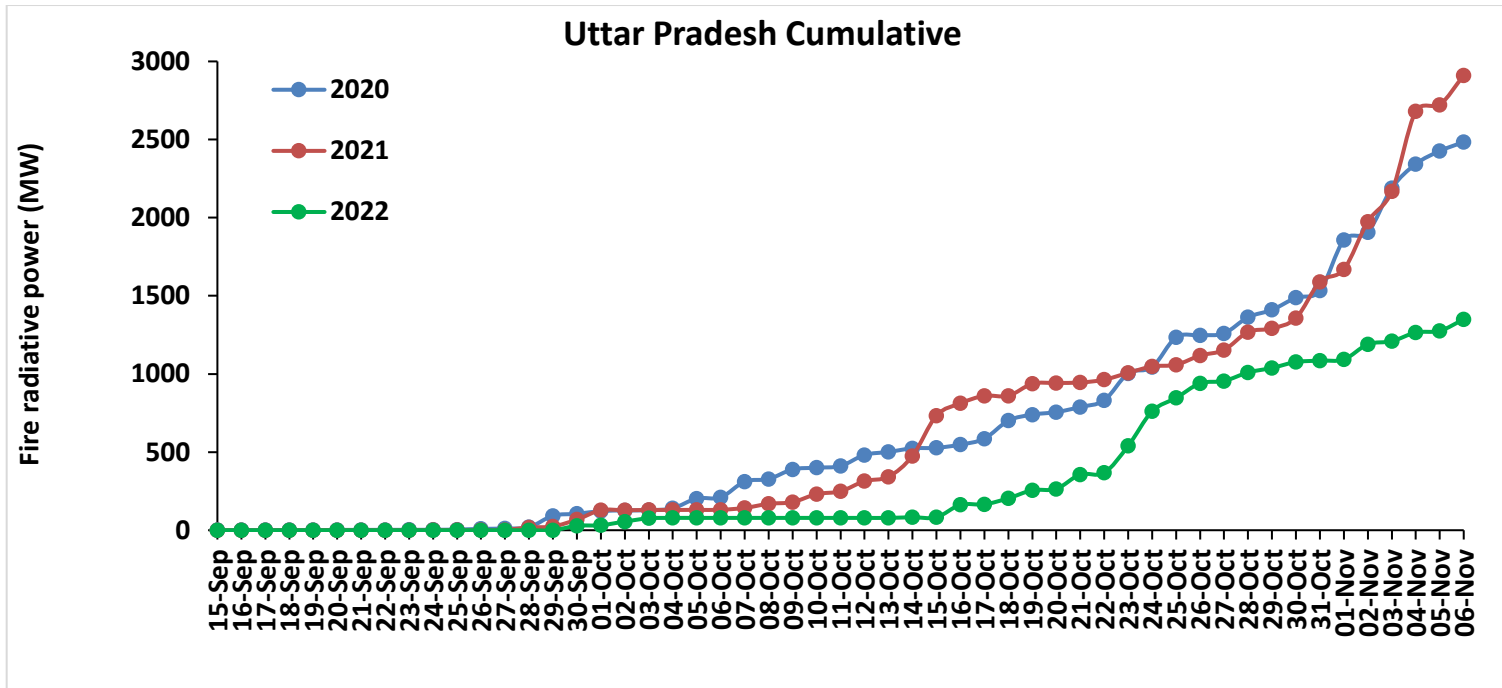


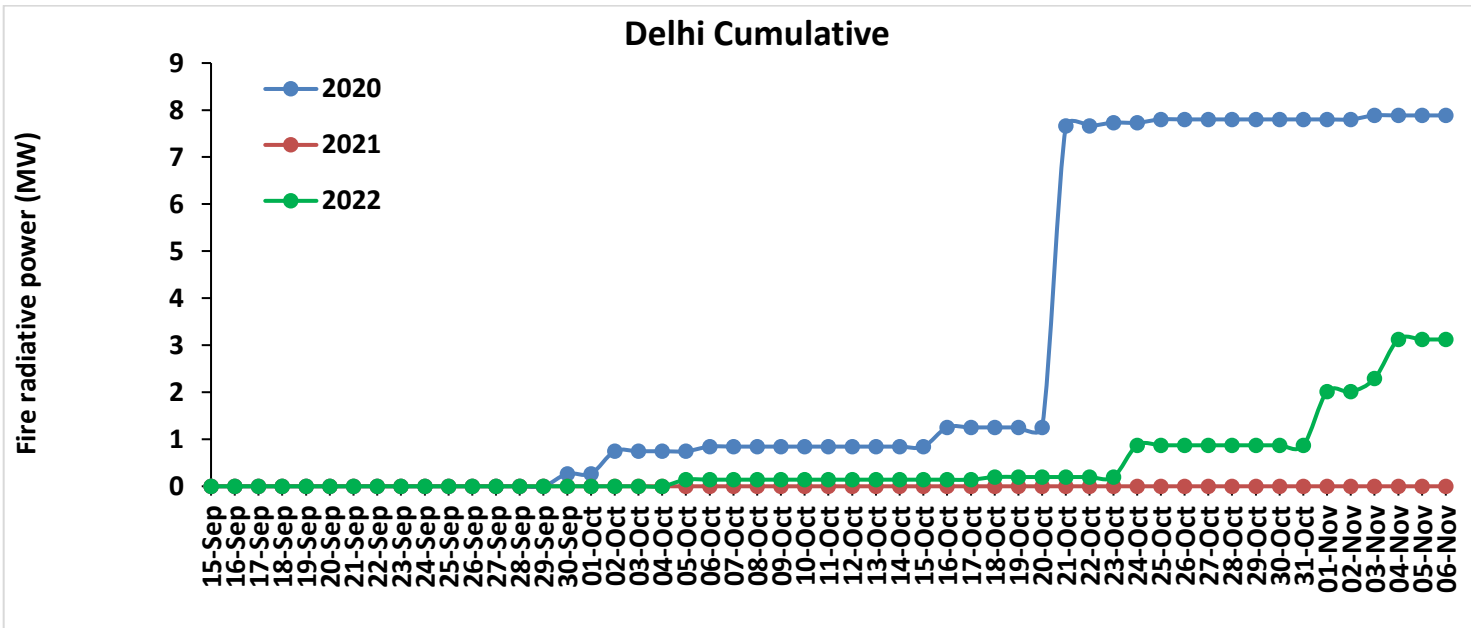
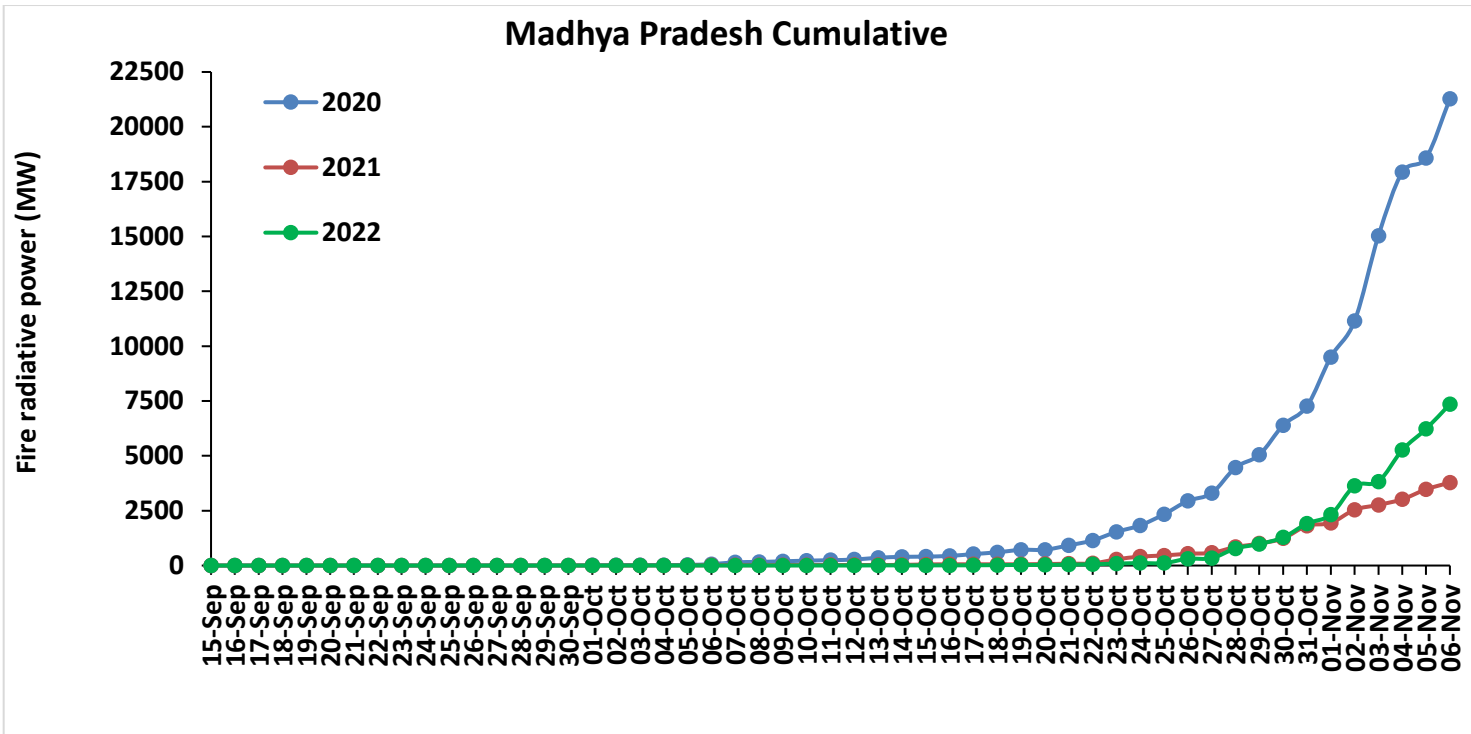




Comparison of residue burning fire power in current year (2022) with previous years (2021 and 2020) for the study States

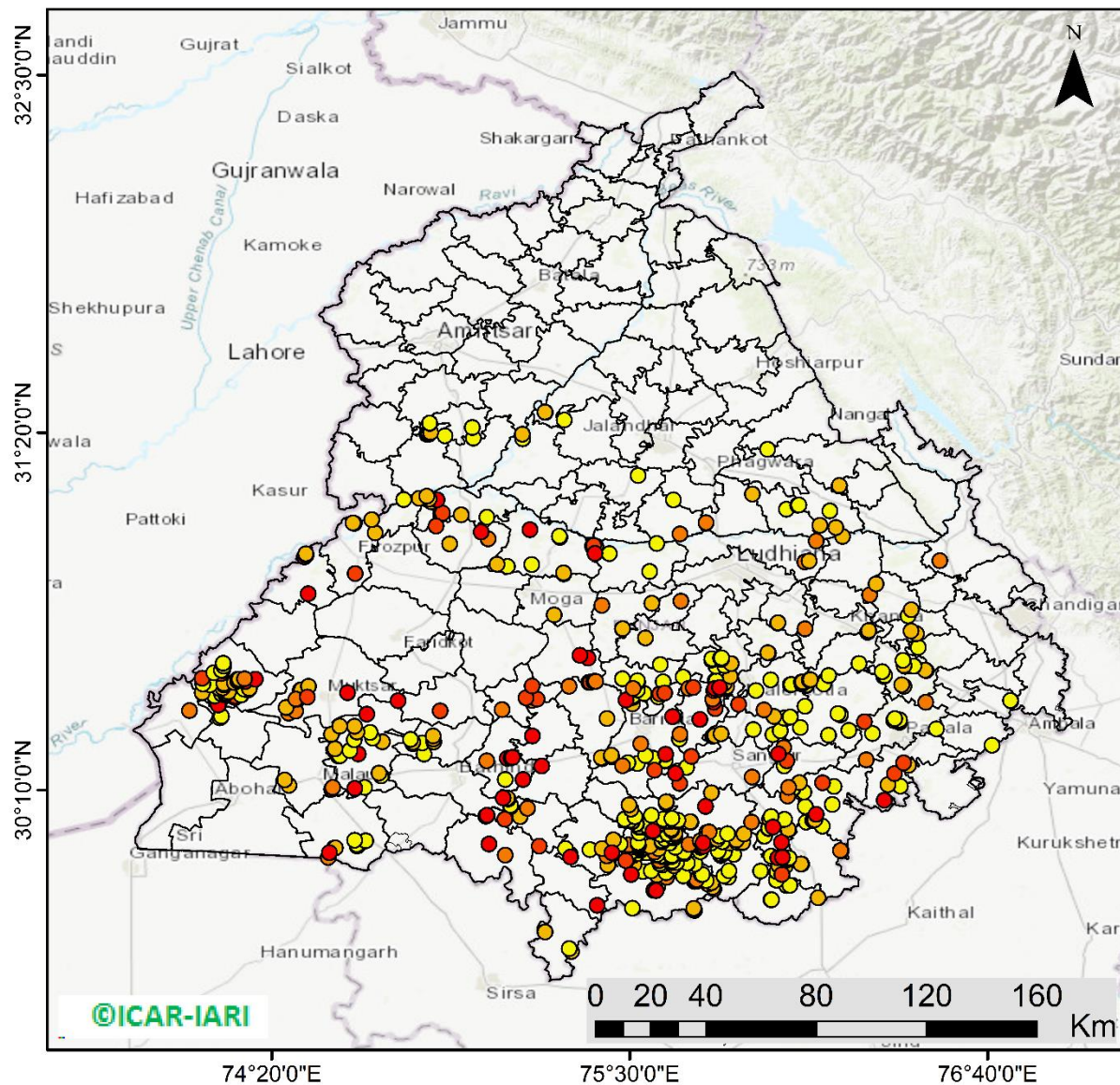






Punjab

RICE RESIDUE BURNING IN PUNJAB



599 burning events detected in Punjab during (06th Nov 2022)

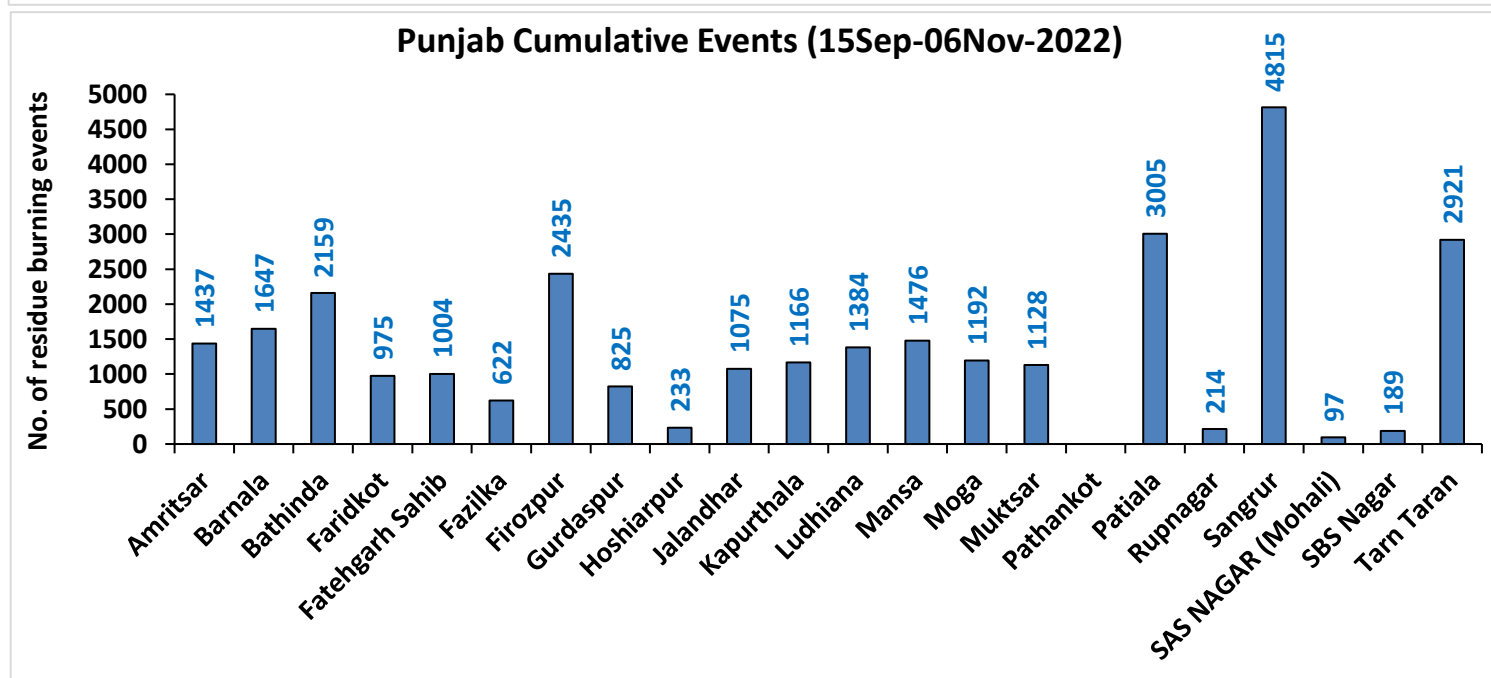
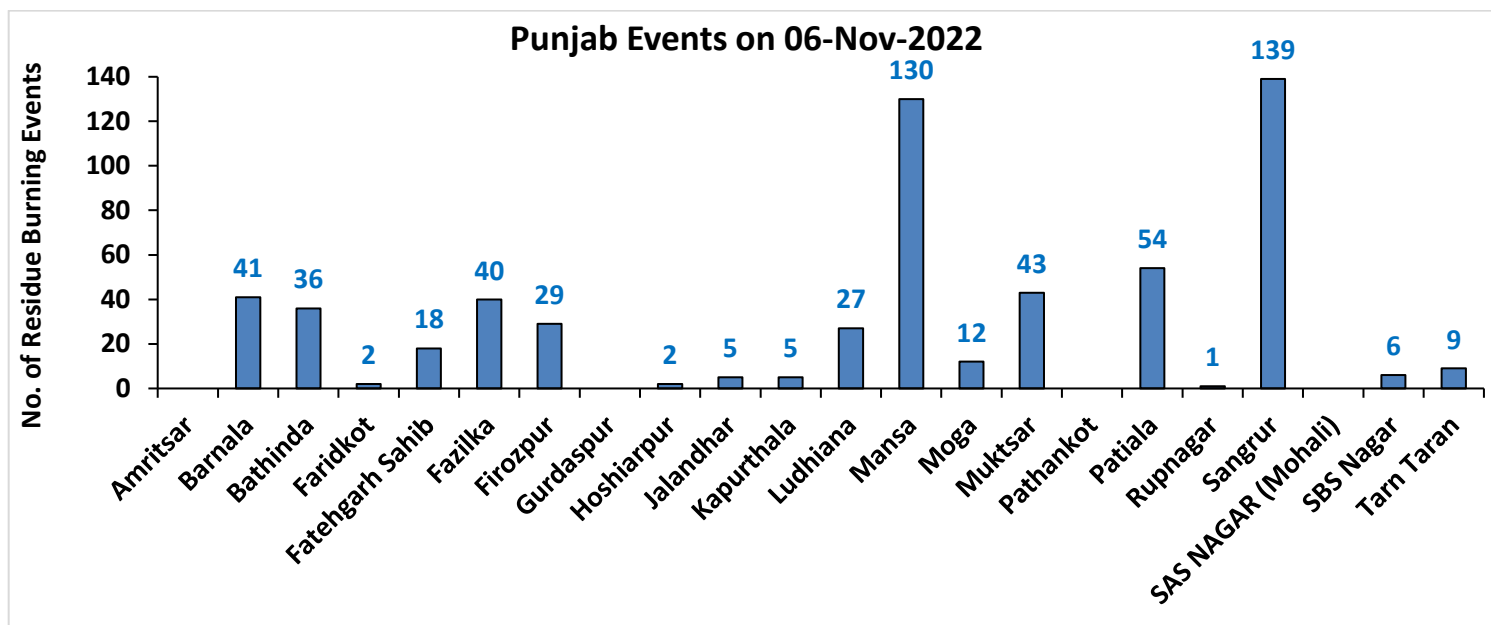
Fire Intensity (W/m²)

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



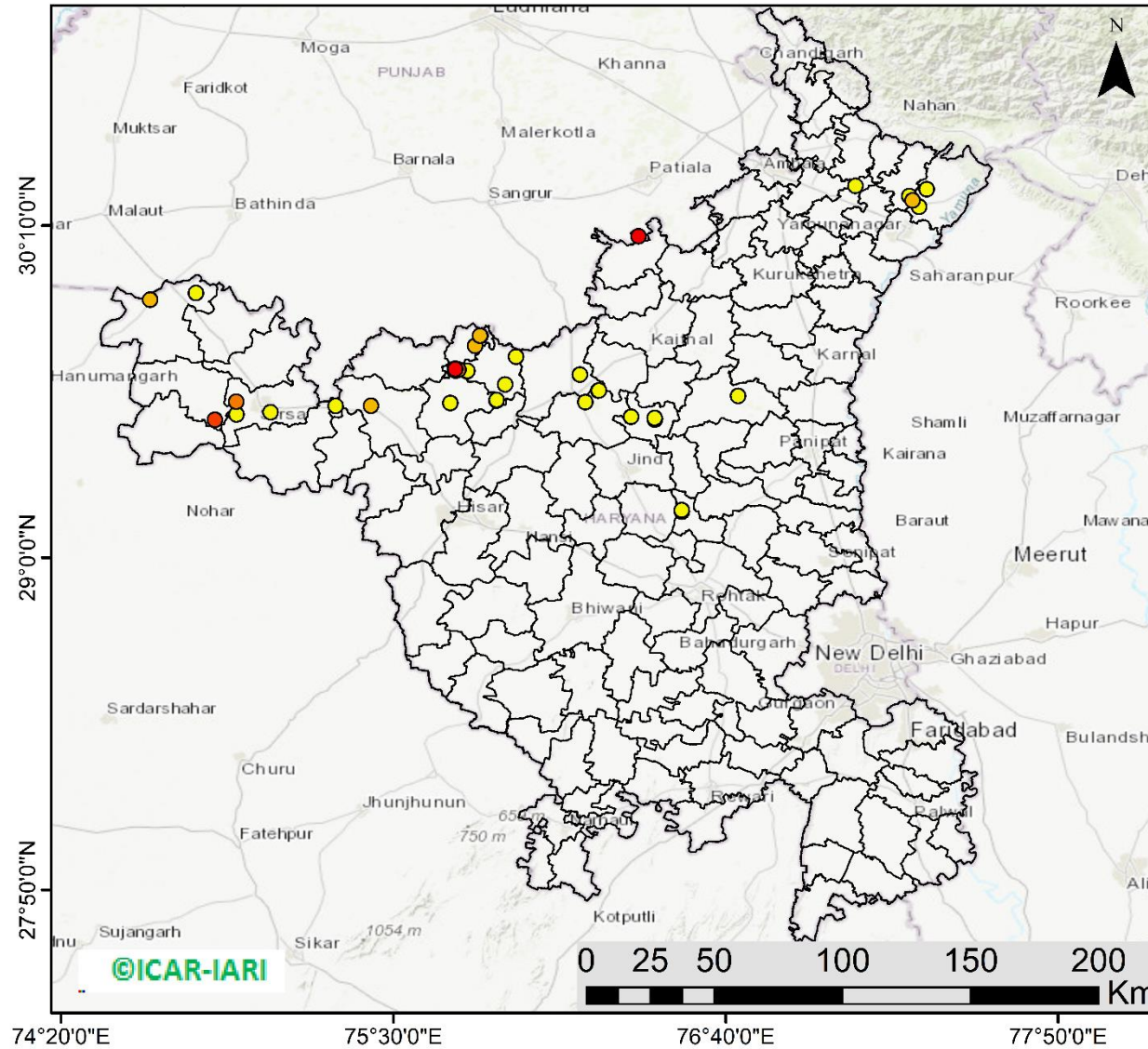
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Punjab (15Sep- 06Nov-2022)



Haryana

RICE RESIDUE BURNING IN HARYANA



46 burning events detected in Haryana on (06th Nov 2022)

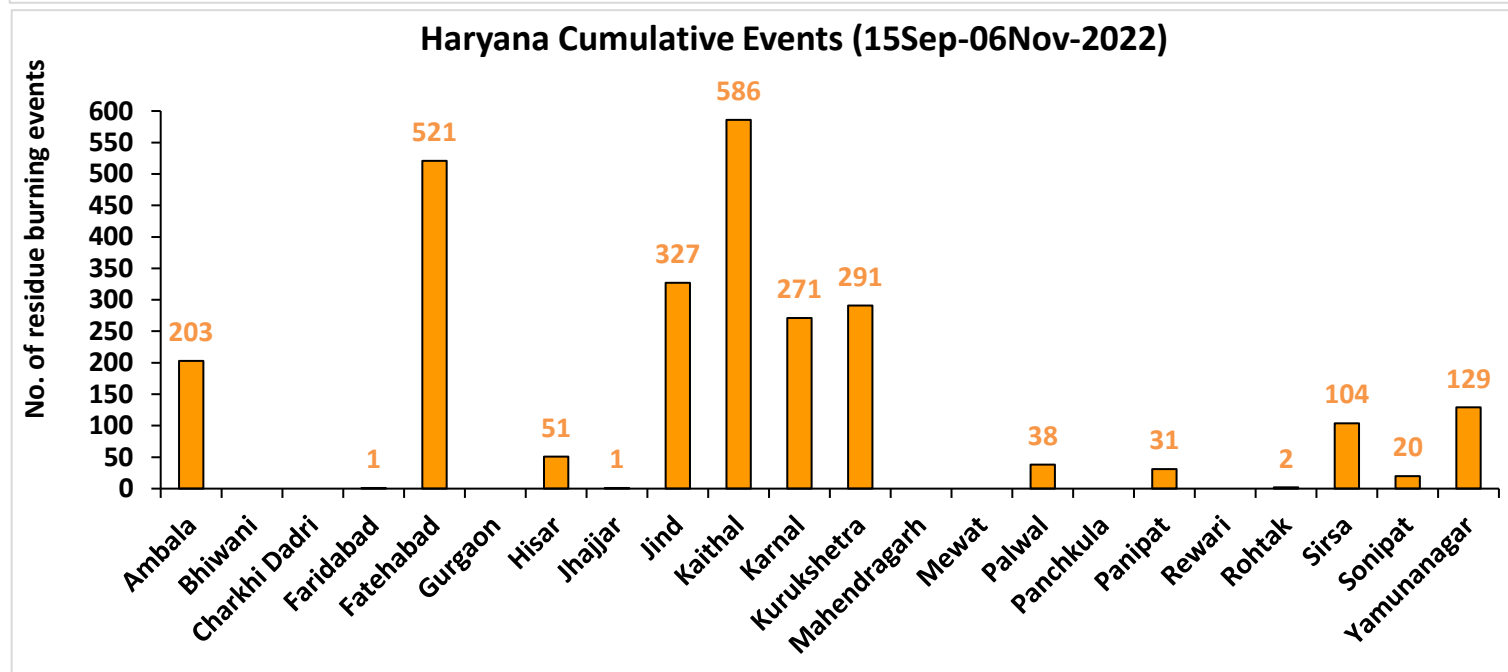
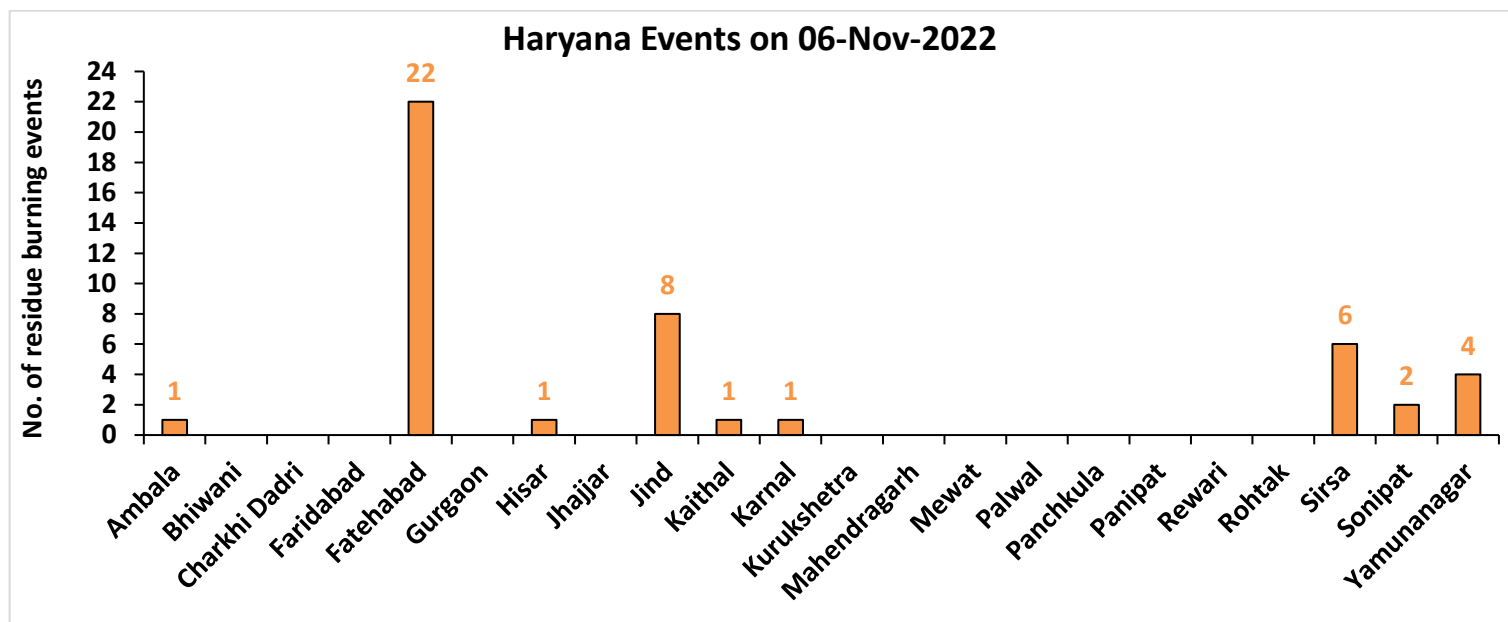
Fire Intensity (W/m²)

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



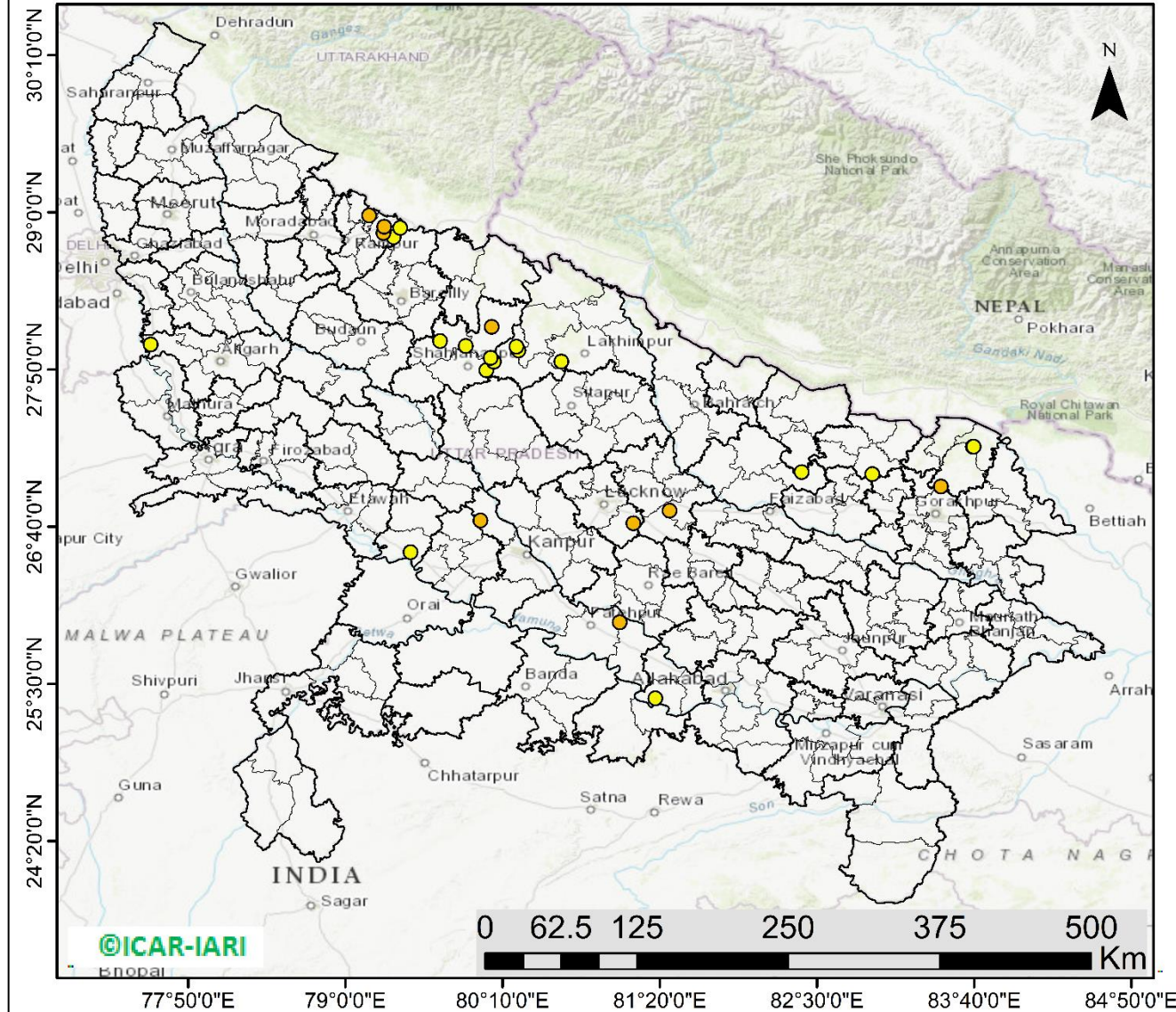
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Haryana (15Sep- 06Nov-2022)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



28 burning events detected in Uttar Pradesh on (06th Nov 2022)

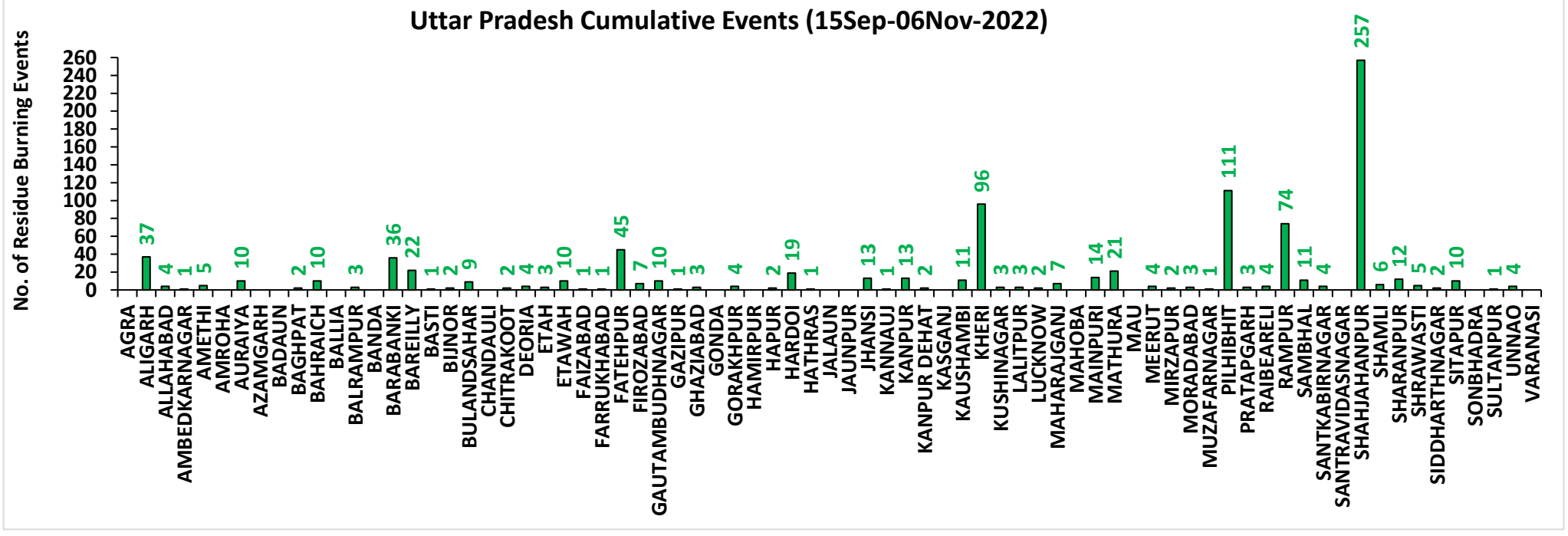
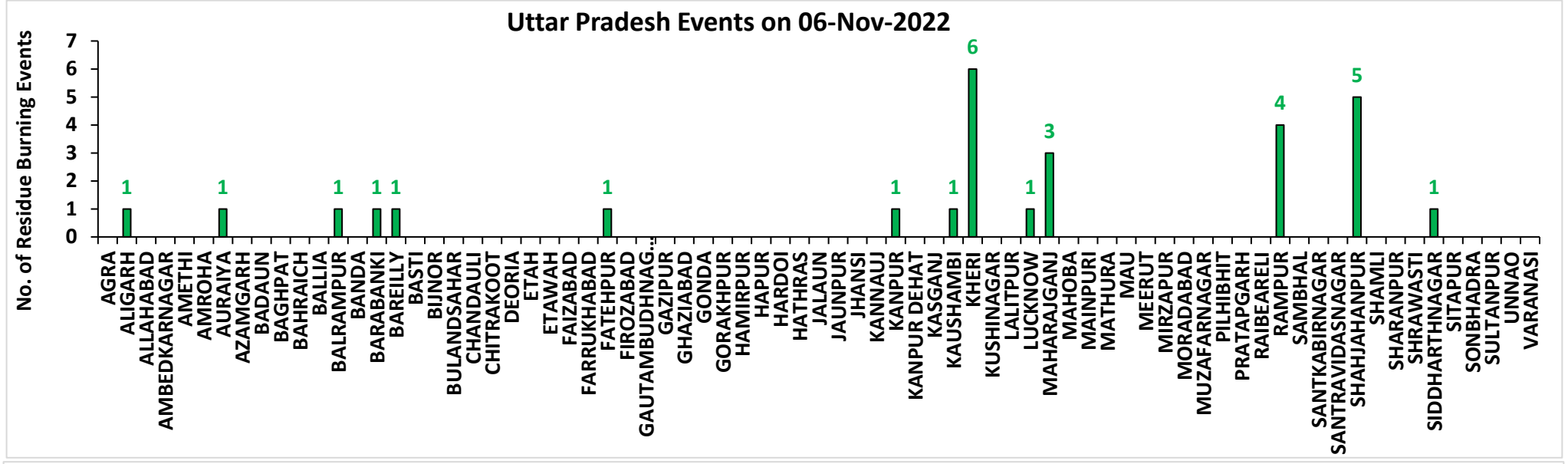
Fire Intensity (W/m²)

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



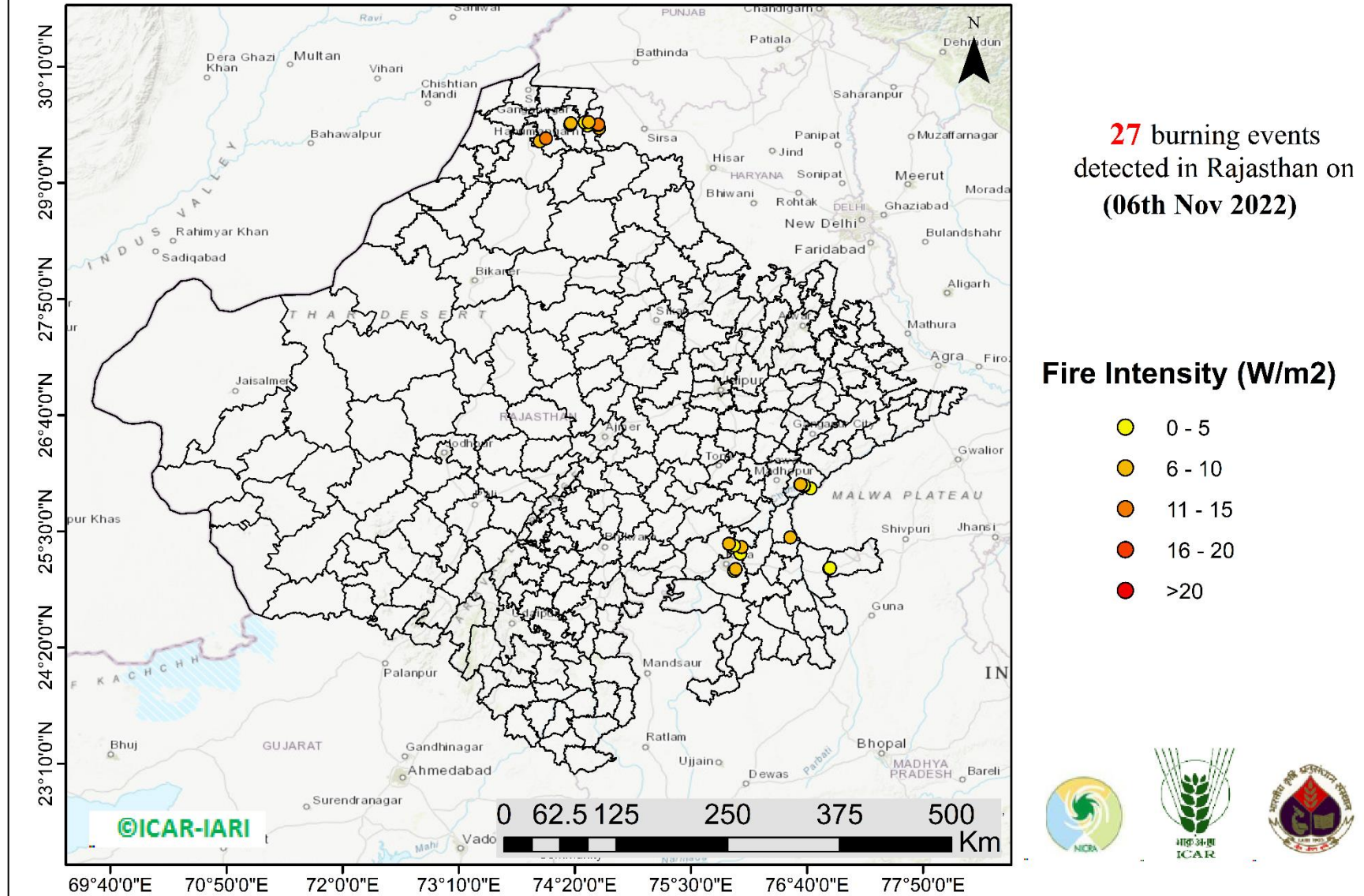
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District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep- 06Nov-2022)

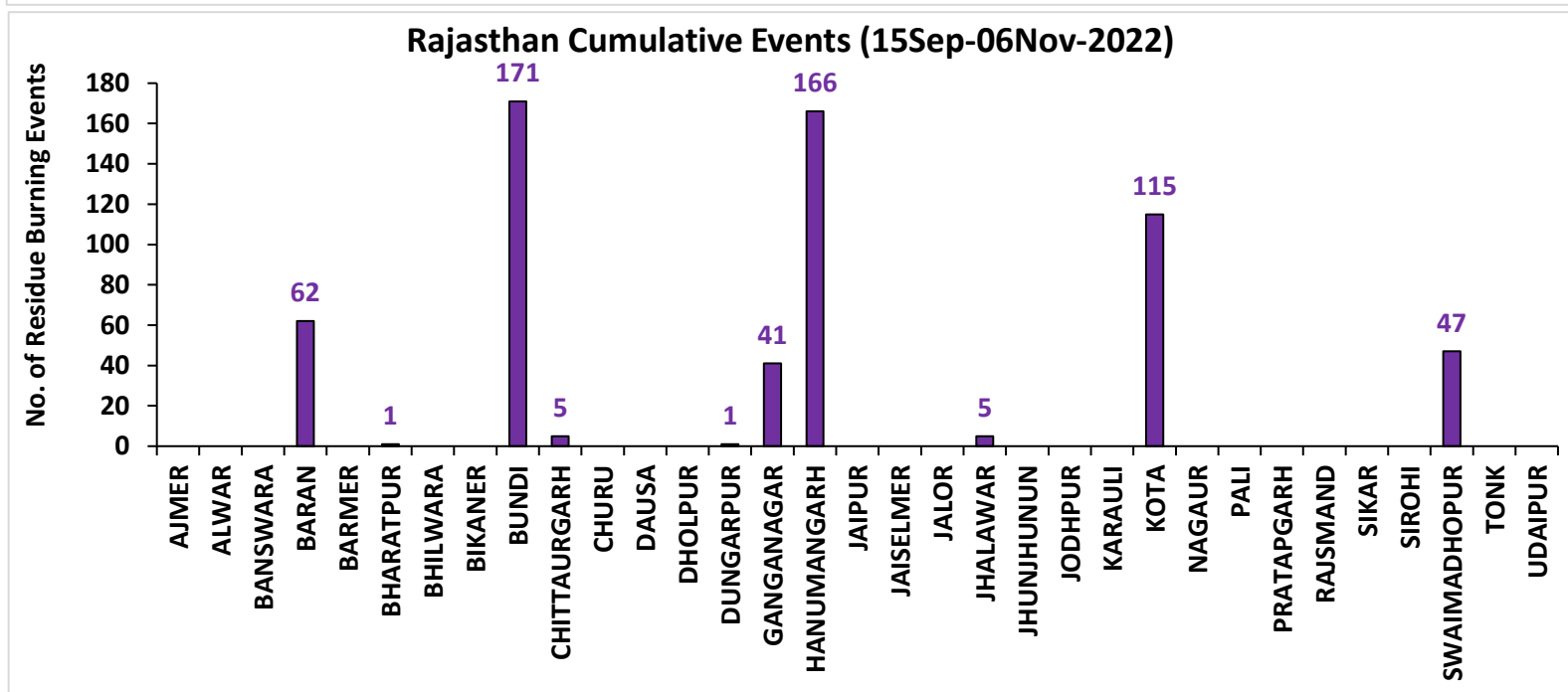
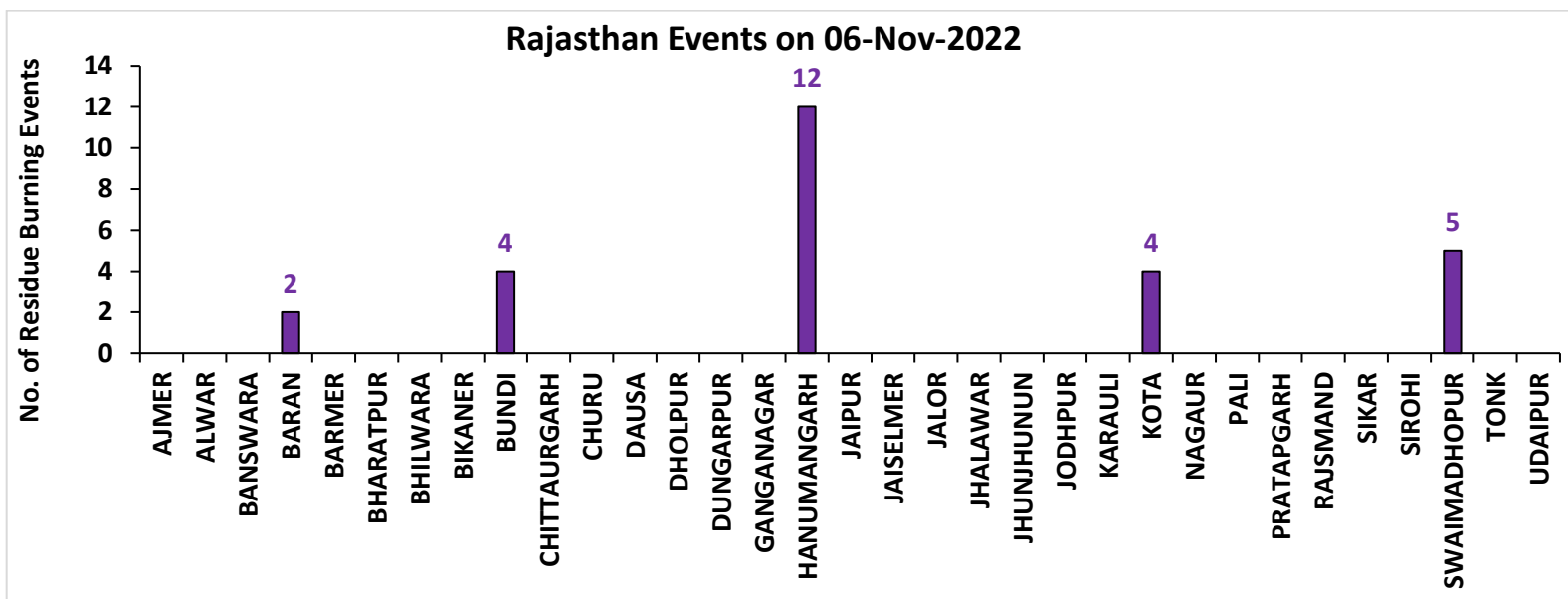


Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN

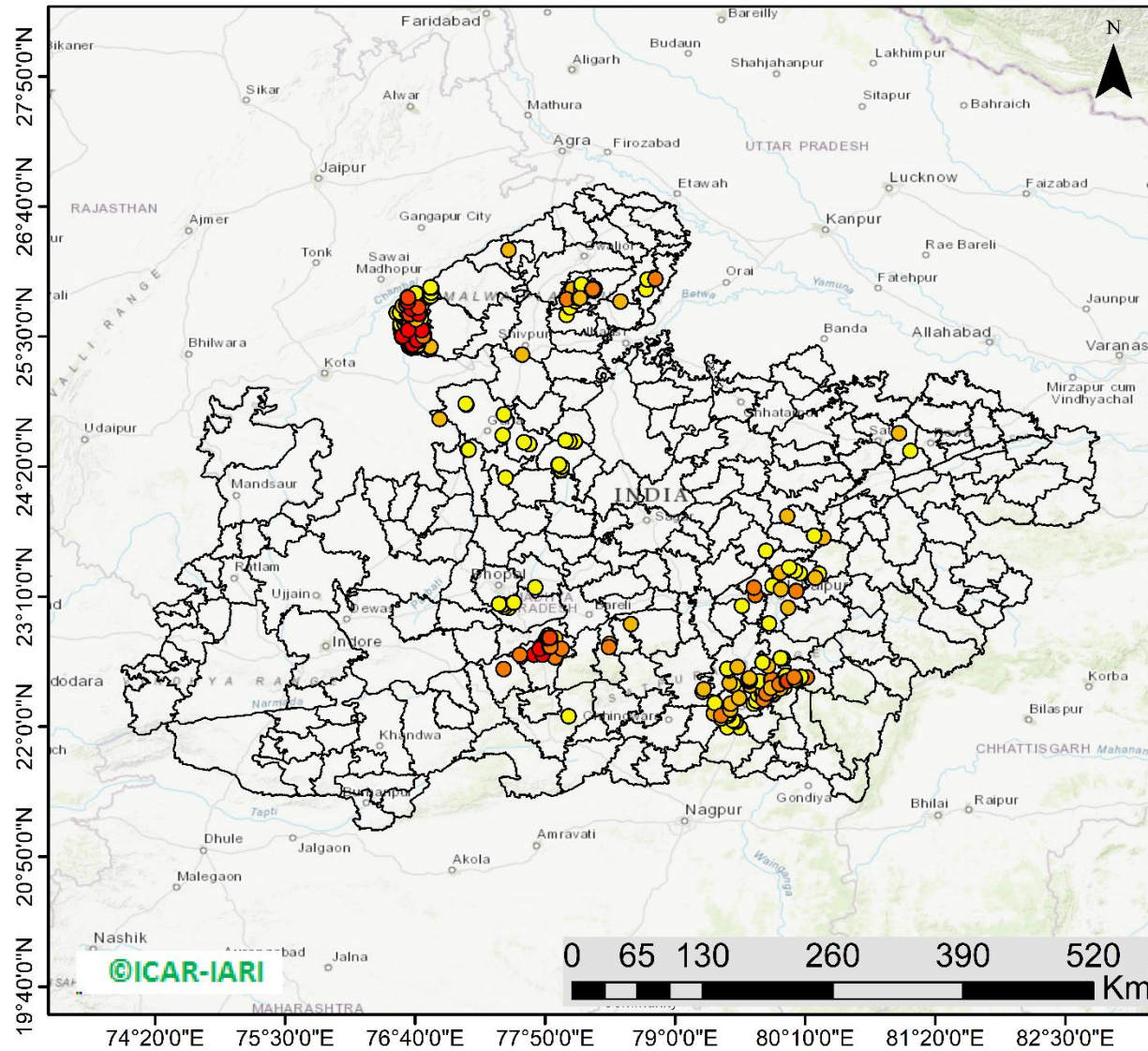


District-wise cumulative number of residues burning events in Rajasthan (15Sep- 06Nov-2022)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



392 burning events
detected in MP on
(06th Nov 2022)

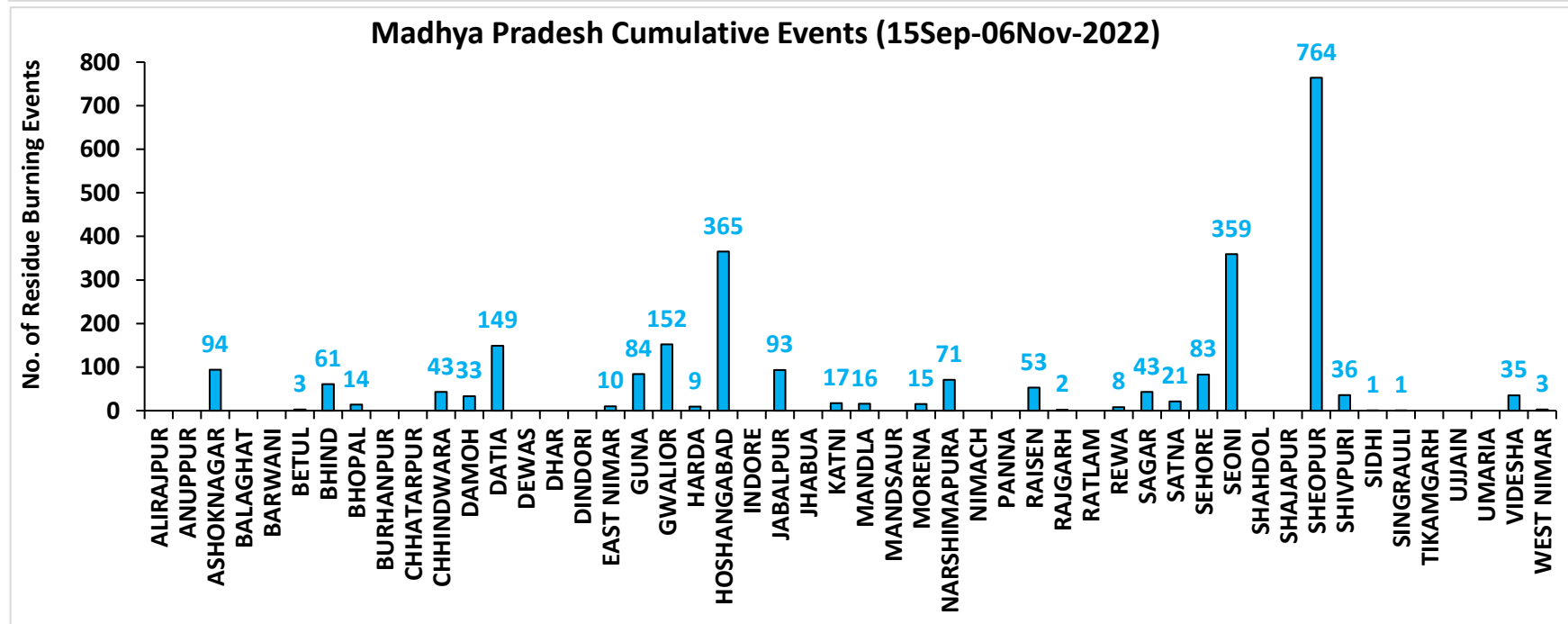
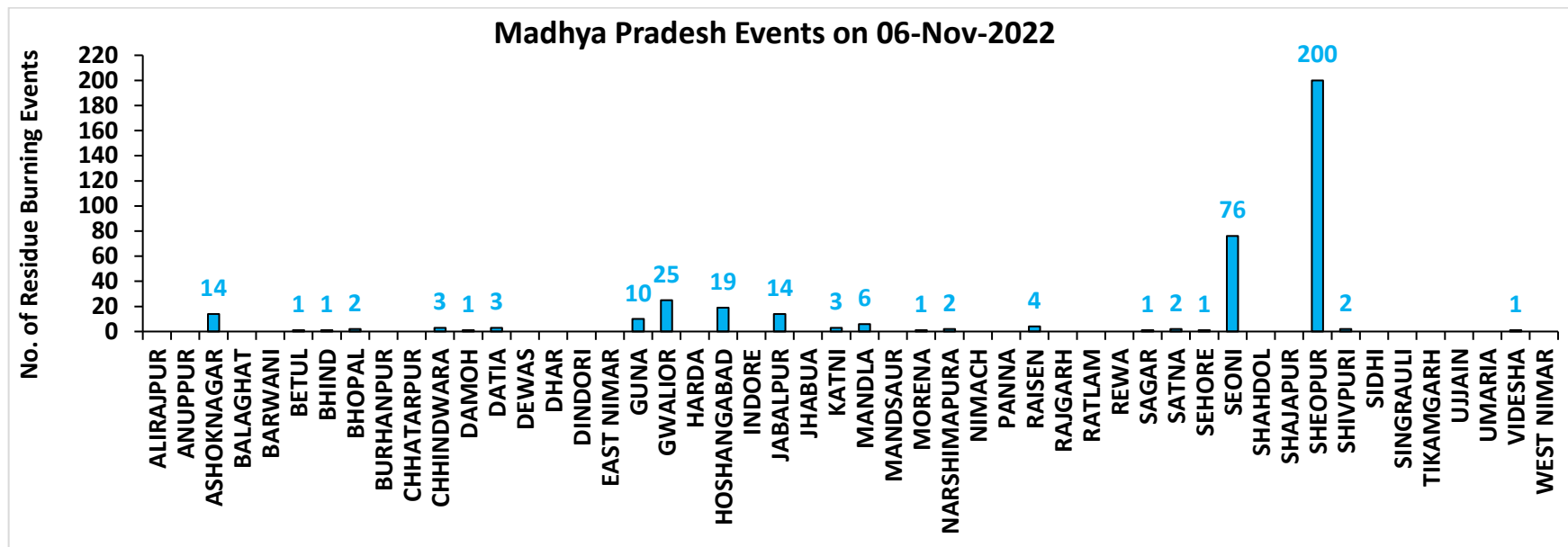
Fire Intensity (W/m²)

- 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- 06Nov-2022)



District-wise cumulative number of residues burning events detected in 2020 ,2021 and 2022
(Period: 15 September-06 November)

(a) Punjab

District	15 Sep-06 Nov 2022		
	2020	2021	2022
Amritsar	2961	1633	1437
Barnala	2946	2094	1647
Bathinda	2956	1774	2159
Faridkot	3176	1947	975
Fatehgarh Sahib	1348	780	1004
Fazilka	619	472	622
Firozpur	6904	3064	2435
Gurdaspur	2091	1154	825
Hoshiarpur	362	255	233
Jalandhar	1604	1341	1075
Kapurthala	1776	1399	1166
Ludhiana	3281	2473	1384
Mansa	2201	1073	1476
Moga	4221	2152	1192
Muktsar	2666	1766	1128
Pathankot	11	4	0
Patiala	5280	2348	3005
Rupnagar	176	145	214
Sangrur	8409	3481	4815
SAS NAGAR (Mohali)	122	119	97
SBS Nagar	100	162	189
Tarn Taran	5279	3243	2921
Total	58489	32879	29999

(b) Haryana

District	15 Sep-06 Nov 2022		
	2020	2021	2022
AMBALA	339	255	203
BHIWANI	3	0	0
CHARKHI DADRI	0	0	0
FARIDABAD	1	2	1
FATEHABAD	434	735	521
GURGAON	0	0	0
HISAR	27	37	51
JHAJJAR	5	0	1
JIND	173	375	327
KAITHAL	719	1007	586
KARNAL	547	820	271
KURUKSHETRA	399	514	291
MAHENDRAGARH	0	0	0
MEWAT	0	0	0
PALWAL	44	95	38
PANCHKULA	0	0	0
PANIPAT	24	82	31
REWARI	0	0	0
ROHTAK	23	4	2
SIRSA	80	103	104
SONIPAT	36	47	20
YAMUNANAGAR	134	140	129
Total	2988	4216	2576

(c) Uttar Pradesh

District	15 Sep-06 Nov 2022										
	2020	2021	2022	GAUTAMBUDHNAGAR	9	14	10	MUZAFARNAGAR	7	6	1
AGRA	5	0	0	GAZIPUR	0	0	1	PILHIBHIT	10	183	111
ALIGARH	100	37	37	GHAZIABAD	9	5	3	PRATAPGARH	13	7	3
ALLAHABAD	6	4	4	GONDA	7	1	0	RAIBEARELI	6	9	4
AMBEDKARNAGAR	3	4	1	GORAKHPUR	7	6	4	RAMPUR	112	128	74
AMETHI	2	3	5	HAMIRPUR	3	0	0	SAMBHAL	8	9	11
AMROHA	4	0	0	HAPUR	9	3	2	SANTKABIRNAGAR	10	5	4
AURAIYA	42	17	10	HARDOI	58	52	19	SANTRAVIDASNAGAR	1	0	0
AZAMGARH	7	0	0	HATHRAS	0	0	1	SHAHJAHANPUR	86	331	257
BADAUN	8	12	0	JALAUN	11	0	0	SHAMLI	27	23	6
BAGHPAT	5	6	2	JAUNPUR	7	3	0	SAHARANPUR	73	47	12
BAHRAICH	80	30	10	JHANSI	76	21	13	SHRAWASTI	29	18	5
BALLIA	8	0	0	KANNAUJ	23	3	1	SIDDHARTHANAGAR	17	22	2
BALRAMPUR	42	5	3	KANPUR	16	27	13	SITAPUR	39	35	10
BANDA	3	3	0	KANPUR DEHAT	42	13	2	SONBHADRA	0	0	0
BARABANKI	32	47	36	KASGANJ	2	2	0	SULTANPUR	2	4	1
BAREILLY	40	38	22	KAUSHAMBI	26	24	11	UNNAO	22	11	4
BASTI	28	11	1	KHERI	92	120	96	VARANASI	1	0	0
BIJNOR	12	12	2	KUSHINAGAR	17	0	3	Total	1781	1771	955
BULANDSAHAR	36	2	9	LALITPUR	1	6	3				
CHANDAULI	0	0	0	LUCKNOW	22	20	2				
CHITRAKOOT	4	6	2	MAHARAJGANJ	6	21	7				
DEORIA	18	2	4	MAHOBA	25	0	0				
ETAH	15	6	3	MAINPURI	37	27	14				
ETAWAH	31	21	10	MATHURA	128	212	21				
FAIZABAD	5	3	1	MAU	2	1	0				
FARRUKHABAD	3	2	1	MEERUT	26	10	4				
FATEHPUR	78	50	45	MIRZAPUR	6	5	2				
FIROZABAD	22	11	7	MORADABAD	12	5	3				

(d) Delhi

District	15 Sep-06 Nov 2022		
	2020	2021	2022
CENTRAL	0	0	0
EAST	0	0	0
NEW DELHI	0	0	0
NORTH	3	0	8
NORTH EAST	0	0	0
NORTH WEST DELHI	3	0	0
SHAHADRA	0	0	0
SOUTH	1	0	0
SOUTH EAST	0	0	0
SOUTH WEST DELHI	0	0	0
WEST DELHI	2	0	1
Total	9	0	9

(e) Rajasthan

District	15 Sep-06 Nov 2022		
	2020	2021	2022
AJMER	3	0	0
ALWAR	7	0	0
BANSWARA	0	0	0
BARAN	155	2	62
BARMER	3	0	0
BHARATPUR	2	3	1
BHILWARA	7	0	0
BIKANER	1	0	0
BUNDI	121	44	171
CHITTAURGARH	0	6	5
CHURU	0	0	0
DAUSA	1	0	0
DHOLPUR	0	0	0
DUNGARPUR	0	0	1
GANGANAGAR	35	22	41
HANUMANGARH	396	152	166
JAIPUR	3	0	0
JAISELMER	4	0	0
JALOR	1	0	0
JHALAWAR	3	1	5
JHUNJHUNUN	1	0	0
JODHPUR	3	0	0
KARAULI	1	0	0
KOTA	99	23	115
NAGAUR	2	0	0
PALI	4	0	0
PRATAPGARH	8	0	0
RAJSMAND	1	0	0
SIKAR	0	0	0
SIROHI	1	0	0
SWAIMADHOPUR	61	11	47
TONK	4	0	0
UDAIPUR	1	0	0
Total	928	264	614

(f) Madhya Pradesh

District	15 Sep-06 Nov 2022						
	2020	2021	2022	PANNA	38	7	0
ALIRAJPUR	0	0	0	RAISEN	363	59	53
ANUPPUR	0	0	0	RAJGARH	10	1	3
ASHOKNAGAR	140	41	94	RATLAM	2	1	0
BALAGHAT	1	0	0	REWA	68	20	8
BARWANI	2	0	0	SAGAR	26	22	43
BETUL	24	11	3	SATNA	317	93	21
BHIND	141	21	61	SEHORE	116	72	83
BHOPAL	39	18	14	SEONI	1064	724	359
BURHANPUR	8	1	0	SHAHDOL	2	0	0
CHHATARPUR	7	0	0	SHAJAPUR	7	0	0
CHHINDWARA	79	34	43	SHEOPUR	1117	108	764
DAMOH	63	42	33	SHIVPURI	161	16	36
DATIA	785	97	149	SIDHI	1	2	1
DEWAS	7	0	0	SINGRAULI	0	0	1
DHAR	36	0	0	TIKAMGARH	4	0	0
DINDORI	0	0	0	UJJAIN	5	0	0
EAST NIMAR	21	6	10	UMARIA	3	1	0
GUNA	59	2	84	VIDESHA	115	36	35
GWALIOR	958	68	152	WEST NIMAR	36	8	3
HARDA	14	19	9	Total	7634	2333	2638
HOSHANGABAD	866	567	365				
INDORE	4	0	0				
JABALPUR	482	79	92				
JHABUA	0	0	0				
KATNI	175	15	17				
MANDLA	69	59	16				
MANDSAUR	11	0	0				
MORENA	61	32	15				
NARSHIMAPURA	126	51	71				
NIMACH	1	0	0				

State-wise and date-wise number of paddy residue burning events detected in 2020, 2021 and 2022
(Period: 15 September - 06 November 2022)

Number of Paddy Residue Burning Events Detected

	Punjab			Haryana			Uttar Pradesh			Delhi			Rajasthan			Madhya Pradesh		
	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022
15-Sep	5	0	14	2	0	0	1	0	0	0	0	0	1	0	0	2	0	0
16-Sep	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Sep	5	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Sep	17	9	7	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
19-Sep	30	5	18	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0
20-Sep	67	8	10	6	0	0	2	0	0	0	0	0	0	0	0	0	0	0
21-Sep	54	0	56	2	0	0	1	0	0	0	0	0	1	0	1	2	0	0
22-Sep	34	0	30	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
23-Sep	49	0	3	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
24-Sep	78	5	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
25-Sep	184	11	0	11	0	0	5	0	0	0	0	0	1	0	0	0	0	0
26-Sep	190	19	0	5	0	0	8	0	0	0	0	0	1	0	0	2	0	0
27-Sep	78	37	0	8	0	0	4	1	0	0	0	0	0	0	0	1	0	0
28-Sep	55	28	0	6	1	0	1	6	0	0	0	0	0	0	0	1	1	0
29-Sep	63	64	0	9	4	0	6	10	0	0	0	0	3	0	0	0	4	0
30-Sep	116	27	8	22	2	0	13	13	10	1	0	0	1	0	0	5	0	0
01-Oct	165	13	45	15	4	1	7	13	3	0	0	0	4	1	1	13	0	1
02-Oct	141	0	83	30	2	7	12	0	36	1	0	0	7	0	3	12	0	1
03-Oct	110	9	75	8	6	8	4	3	29	0	0	0	9	0	2	5	1	5
04-Oct	162	23	65	29	2	7	8	0	2	0	0	0	15	0	0	4	2	0
05-Oct	161	18	130	17	3	24	14	2	0	0	0	2	14	0	1	13	1	0
06-Oct	171	42	85	30	0	26	12	1	0	1	0	0	16	0	0	37	1	0
07-Oct	197	72	62	32	11	6	41	13	0	0	0	0	14	1	1	31	1	0
08-Oct	95	108	19	29	27	0	25	11	0	0	0	0	11	0	0	17	2	0

09-Oct	121	114	3	20	39	1	15	20	0	0	0	0	12	0	0	15	4	0
10-Oct	232	150	4	33	95	2	9	54	0	0	0	0	14	1	0	18	10	0
11-Oct	377	64	45	90	51	0	23	28	0	0	0	0	21	7	1	32	2	0
12-Oct	388	97	104	69	51	4	46	23	0	0	0	0	24	1	2	44	1	1
13-Oct	266	132	120	47	91	15	36	42	0	0	0	0	7	5	2	21	2	7
14-Oct	605	229	82	69	98	30	9	68	5	0	0	0	16	1	1	15	11	1
15-Oct	449	660	169	106	363	36	15	149	0	0	0	0	9	8	2	8	27	2
16-Oct	654	429	206	80	176	76	21	121	6	1	0	0	12	2	4	23	13	2
17-Oct	1172	14	403	143	0	86	38	39	7	0	0	0	26	0	4	63	1	11
18-Oct	938	57	342	166	1	134	76	0	30	0	0	1	37	2	12	88	0	15
19-Oct	1080	496	436	72	55	122	43	5	36	0	0	0	27	5	12	49	1	12
20-Oct	890	788	96	62	155	78	31	1	17	0	0	0	26	4	4	9	21	7
21-Oct	1392	597	393	101	131	107	25	5	23	2	0	0	32	2	6	112	30	18
22-Oct	1665	1111	582	128	140	122	32	3	18	0	0	0	29	5	12	183	29	31
23-Oct	1438	620	902	106	218	217	84	8	109	1	0	0	23	7	20	204	32	70
24-Oct	911	0	1019	57	38	250	63	11	212	0	0	2	20	4	7	150	34	26
25-Oct	1416	76	181	155	71	12	50	18	9	1	0	0	18	2	4	144	60	0
26-Oct	2126	329	1238	77	175	123	33	41	23	0	0	0	34	3	21	178	55	57
27-Oct	2563	279	1111	96	93	83	40	58	23	0	0	0	42	1	21	294	62	38
28-Oct	3232	906	2067	139	149	123	87	35	34	0	0	0	45	4	46	537	110	143
29-Oct	1624	1353	1898	52	161	112	139	32	73	0	0	0	29	23	37	349	97	151
30-Oct	3946	1373	1761	100	148	112	50	53	43	0	0	0	17	20	55	428	168	119
31-Oct	3531	2895	2131	108	353	70	49	170	20	0	0	0	37	15	36	455	299	112
01-Nov	3835	1796	1842	151	124	88	74	157	9	0	0	1	51	5	27	709	198	142
02-Nov	4098	3001	3634	111	203	166	82	87	25	0	0	0	55	19	63	820	214	284
03-Nov	2818	2512	2666	93	197	128	197	66	40	1	0	1	34	20	54	771	148	323
04-Nov	4584	3032	2437	72	228	63	152	123	61	0	0	2	46	19	34	618	123	348
05-Nov	4529	5327	2817	66	331	90	52	70	24	0	0	0	46	45	91	474	320	319
06-Nov	5382	3942	599	151	219	46	43	208	28	0	0	0	40	32	27	678	248	392
Total	58489	32879	29999	2988	4216	2576	1781	1771	955	9	0	9	928	264	614	7634	2333	2638

Details of residue burning events in Punjab on 06-Nov-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	BARNALA	BARNALA	S-NPP	30.24050	75.68550	14:06:35	D	3.60
2	BARNALA	BARNALA	S-NPP	30.25300	75.52500	14:06:35	D	3.00
3	BARNALA	BARNALA	S-NPP	30.25340	75.49240	14:06:35	D	3.80
4	BARNALA	BARNALA	S-NPP	30.25550	75.49400	14:06:35	D	4.60
5	BARNALA	BARNALA	S-NPP	30.26050	75.61380	14:06:35	D	3.20
6	BARNALA	BARNALA	S-NPP	30.26300	75.61540	14:06:35	D	3.00
7	BARNALA	BARNALA	S-NPP	30.26780	75.57850	14:06:35	D	3.50
8	BARNALA	BARNALA	S-NPP	30.27030	75.57650	14:06:35	D	3.40
9	BARNALA	BARNALA	S-NPP	30.27490	75.44090	14:06:35	D	5.20
10	BARNALA	BARNALA	S-NPP	30.27860	75.55150	14:06:35	D	2.90
11	BARNALA	BARNALA	S-NPP	30.28000	75.44030	14:06:35	D	6.60
12	BARNALA	BARNALA	S-NPP	30.34860	75.66400	12:27:00	D	14.30
13	BARNALA	BARNALA	S-NPP	30.44770	75.50890	14:06:35	D	7.50
14	BARNALA	BARNALA	AQUA	30.23100	75.58100	13:26:16	D	16.50
15	BARNALA	BARNALA	AQUA	30.24600	75.47700	13:26:16	D	12.90
16	BARNALA	BARNALA	AQUA	30.27600	75.70100	13:26:16	D	15.10
17	BARNALA	BARNALA	AQUA	30.28300	75.61700	13:26:16	D	20.10
18	BARNALA	BARNALA	AQUA	30.31700	75.53600	13:26:16	D	13.20
19	BARNALA	BARNALA	AQUA	30.40600	75.64000	13:26:16	D	30.20
20	BARNALA	BARNALA	AQUA	30.48300	75.61400	13:26:16	D	17.90
21	BARNALA	MAHAL KALAN	S-NPP	30.46840	75.51030	14:06:35	D	1.70
22	BARNALA	MAHAL KALAN	S-NPP	30.47010	75.59320	14:06:35	D	3.70
23	BARNALA	MAHAL KALAN	S-NPP	30.47080	75.50990	14:06:35	D	4.60
24	BARNALA	MAHAL KALAN	S-NPP	30.47340	75.50980	14:06:35	D	3.50
25	BARNALA	MAHAL KALAN	S-NPP	30.48170	75.54690	14:06:35	D	4.90
26	BARNALA	MAHAL KALAN	S-NPP	30.49250	75.52490	14:06:35	D	2.90
27	BARNALA	MAHAL KALAN	S-NPP	30.51830	75.52570	14:06:35	D	1.90
28	BARNALA	MAHAL KALAN	S-NPP	30.51980	75.60900	14:06:35	D	4.60
29	BARNALA	MAHAL KALAN	S-NPP	30.52340	75.52520	14:06:35	D	1.90
30	BARNALA	MAHAL KALAN	S-NPP	30.52970	75.47630	14:06:35	D	3.30

31	BARNALA	MAHAL KALAN	S-NPP	30.57590	75.59990	14:06:35	D	3.10
32	BARNALA	MAHAL KALAN	AQUA	30.46000	75.48800	13:26:16	D	33.50
33	BARNALA	MAHAL KALAN	AQUA	30.48000	75.59800	13:26:16	D	19.70
34	BARNALA	MAHAL KALAN	AQUA	30.49800	75.51100	13:26:16	D	12.50
35	BARNALA	SEHNA	S-NPP	30.26870	75.40960	14:06:35	D	4.20
36	BARNALA	SEHNA	S-NPP	30.27220	75.40730	14:06:35	D	6.10
37	BARNALA	SEHNA	AQUA	30.40000	75.42600	13:26:16	D	9.40
38	BARNALA	SEHNA	AQUA	30.50500	75.30200	13:26:16	D	10.10
39	BARNALA	SEHNA	AQUA	30.51800	75.36700	13:26:16	D	11.60
40	BARNALA	SEHNA	AQUA	30.52100	75.38300	13:26:16	D	11.60
41	BARNALA	SEHNA	AQUA	30.52100	75.38900	13:26:16	D	13.00
42	BATHINDA	BATHINDA	S-NPP	30.11280	75.11180	12:27:00	D	5.30
43	BATHINDA	BATHINDA	AQUA	30.08100	75.03100	13:26:16	D	15.20
44	BATHINDA	BATHINDA	AQUA	30.08400	75.03500	13:26:16	D	21.30
45	BATHINDA	BHAGTA BHAI KA	AQUA	30.42900	75.08400	13:26:16	D	12.10
46	BATHINDA	BHAGTA BHAI KA	AQUA	30.45900	75.18100	13:26:16	D	11.10
47	BATHINDA	BHAGTA BHAI KA	AQUA	30.46300	75.19800	13:26:16	D	15.20
48	BATHINDA	BHAGTA BHAI KA	AQUA	30.46700	75.16200	13:26:16	D	17.20
49	BATHINDA	BHAGTA BHAI KA	AQUA	30.50600	75.18200	13:26:16	D	16.20
50	BATHINDA	GONIANA MANDI	S-NPP	30.28360	74.82960	14:06:35	D	3.70
51	BATHINDA	GONIANA MANDI	S-NPP	30.31760	74.79310	14:06:35	D	8.60
52	BATHINDA	GONIANA MANDI	S-NPP	30.31980	74.79450	14:06:35	D	9.70
53	BATHINDA	GONIANA MANDI	S-NPP	30.32020	74.82390	14:06:35	D	2.70
54	BATHINDA	GONIANA MANDI	S-NPP	30.32250	74.79260	14:06:35	D	8.10
55	BATHINDA	GONIANA MANDI	S-NPP	30.32330	74.86110	14:06:35	D	6.40
56	BATHINDA	GONIANA MANDI	S-NPP	30.33170	74.78530	14:06:35	D	3.50
57	BATHINDA	GONIANA MANDI	S-NPP	30.33310	74.86000	14:06:35	D	5.50
58	BATHINDA	GONIANA MANDI	S-NPP	30.34290	74.85890	14:06:35	D	6.60
59	BATHINDA	MAUR	S-NPP	29.98330	75.20500	14:06:35	D	15.60
60	BATHINDA	MAUR	S-NPP	30.07980	75.14280	12:27:00	D	8.60
61	BATHINDA	MAUR	S-NPP	30.11660	75.11150	12:27:00	D	4.50
62	BATHINDA	MAUR	S-NPP	30.13730	75.10360	12:27:00	D	4.40
63	BATHINDA	MAUR	S-NPP	30.14030	75.10150	12:27:00	D	6.20

64	BATHINDA	MAUR	S-NPP	30.14050	75.08770	14:06:35	D	20.80
65	BATHINDA	MAUR	AQUA	30.07100	75.09300	13:26:16	D	18.70
66	BATHINDA	MAUR	AQUA	30.10700	75.16700	13:26:16	D	11.20
67	BATHINDA	NATHANA	S-NPP	30.20090	75.09410	14:06:35	D	4.30
68	BATHINDA	NATHANA	S-NPP	30.20100	75.15220	14:06:35	D	21.90
69	BATHINDA	NATHANA	S-NPP	30.26160	75.03390	14:06:35	D	12.20
70	BATHINDA	NATHANA	AQUA	30.27000	75.10100	13:26:16	D	36.50
71	BATHINDA	NATHANA	AQUA	30.27100	75.11300	13:26:16	D	40.10
72	BATHINDA	NATHANA	AQUA	30.27300	75.11800	13:26:16	D	28.50
73	BATHINDA	PHUL	AQUA	30.34300	75.18300	13:26:16	D	26.50
74	BATHINDA	RAMPURA	AQUA	30.24500	75.21300	13:26:16	D	41.50
75	BATHINDA	TALWANDI SABO	AQUA	29.95400	75.09400	13:26:16	D	14.90
76	BATHINDA	TALWANDI SABO	AQUA	29.99000	75.04100	13:26:16	D	33.40
77	BATHINDA	TALWANDI SABO	AQUA	29.99300	75.04800	13:26:16	D	61.80
78	FARIDKOT	JAITON	AQUA	30.42500	74.88200	13:26:16	D	17.20
79	FARIDKOT	JAITON	AQUA	30.45800	74.74500	13:26:16	D	27.60
80	FATEHGARH SAHIB	AMLOH	S-NPP	30.57950	76.24730	14:06:35	D	1.40
81	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.67630	76.43490	12:27:00	D	6.70
82	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.68550	76.41730	12:27:00	D	8.90
83	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.73470	76.40710	14:06:35	D	3.50
84	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	30.75500	76.41800	13:26:16	D	7.40
85	FATEHGARH SAHIB	KHERA	S-NPP	30.63190	76.44060	14:06:35	D	2.30
86	FATEHGARH SAHIB	SIRHIND	S-NPP	30.53710	76.32840	14:06:35	D	2.30
87	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54020	76.33110	14:06:35	D	2.80
88	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55280	76.32310	14:06:35	D	3.50
89	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55620	76.46640	14:06:35	D	5.90
90	FATEHGARH SAHIB	SIRHIND	S-NPP	30.55750	76.46340	14:06:35	D	6.10
91	FATEHGARH SAHIB	SIRHIND	S-NPP	30.57020	76.39790	12:27:00	D	7.70
92	FATEHGARH SAHIB	SIRHIND	S-NPP	30.57090	76.42270	14:06:35	D	1.50
93	FATEHGARH SAHIB	SIRHIND	S-NPP	30.57110	76.42660	14:06:35	D	1.50
94	FATEHGARH SAHIB	SIRHIND	S-NPP	30.57280	76.39430	12:27:00	D	8.90
95	FATEHGARH SAHIB	SIRHIND	S-NPP	30.58950	76.39080	12:27:00	D	2.80
96	FATEHGARH SAHIB	SIRHIND	AQUA	30.50500	76.39400	13:26:16	D	9.50

97	FATEHGARH SAHIB	SIRHIND	AQUA	30.51000	76.38700	13:26:16	D	9.20
98	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.40200	74.16380	14:06:35	D	5.00
99	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.40720	74.16890	14:06:35	D	5.00
100	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.44410	74.15890	14:06:35	D	31.20
101	FAZILKA	FAZILKA	S-NPP	30.42590	74.06470	14:06:35	D	12.20
102	FAZILKA	FAZILKA	S-NPP	30.47350	74.14740	14:06:35	D	3.50
103	FAZILKA	FAZILKA	S-NPP	30.48400	74.10630	14:06:35	D	9.10
104	FAZILKA	JALALABAD	S-NPP	30.46820	74.21340	14:06:35	D	5.30
105	FAZILKA	JALALABAD	S-NPP	30.46960	74.21100	14:06:35	D	9.20
106	FAZILKA	JALALABAD	S-NPP	30.47290	74.21290	14:06:35	D	15.70
107	FAZILKA	JALALABAD	S-NPP	30.47630	74.23330	14:06:35	D	4.20
108	FAZILKA	JALALABAD	S-NPP	30.47650	74.18140	14:06:35	D	5.70
109	FAZILKA	JALALABAD	S-NPP	30.48020	74.16950	14:06:35	D	4.20
110	FAZILKA	JALALABAD	S-NPP	30.48120	74.18090	14:06:35	D	6.10
111	FAZILKA	JALALABAD	S-NPP	30.48170	74.18650	14:06:35	D	6.10
112	FAZILKA	JALALABAD	S-NPP	30.48690	74.19170	14:06:35	D	7.80
113	FAZILKA	JALALABAD	S-NPP	30.49250	74.25450	14:06:35	D	6.90
114	FAZILKA	JALALABAD	S-NPP	30.49620	74.24250	14:06:35	D	3.00
115	FAZILKA	JALALABAD	S-NPP	30.49770	74.25970	14:06:35	D	6.50
116	FAZILKA	JALALABAD	S-NPP	30.49850	74.16160	14:06:35	D	4.50
117	FAZILKA	JALALABAD	S-NPP	30.49950	74.17300	14:06:35	D	8.10
118	FAZILKA	JALALABAD	S-NPP	30.50940	74.17760	14:06:35	D	7.10
119	FAZILKA	JALALABAD	S-NPP	30.51000	74.13170	14:06:35	D	3.50
120	FAZILKA	JALALABAD	S-NPP	30.51260	74.10860	14:06:35	D	3.60
121	FAZILKA	JALALABAD	S-NPP	30.51410	74.17700	14:06:35	D	7.10
122	FAZILKA	JALALABAD	S-NPP	30.51720	74.21120	14:06:35	D	9.20
123	FAZILKA	JALALABAD	S-NPP	30.52030	74.24550	14:06:35	D	21.50
124	FAZILKA	JALALABAD	S-NPP	30.52290	74.22200	14:06:35	D	8.60
125	FAZILKA	JALALABAD	S-NPP	30.52340	74.22780	14:06:35	D	8.60
126	FAZILKA	JALALABAD	S-NPP	30.52760	74.22150	14:06:35	D	8.60
127	FAZILKA	JALALABAD	S-NPP	30.52810	74.22720	14:06:35	D	8.60
128	FAZILKA	JALALABAD	S-NPP	30.52810	74.27940	14:06:35	D	25.90
129	FAZILKA	JALALABAD	S-NPP	30.52970	74.24440	14:06:35	D	12.00

130	FAZILKA	JALALABAD	S-NPP	30.53130	74.10640	14:06:35	D	15.50
131	FAZILKA	JALALABAD	S-NPP	30.54640	74.16750	14:06:35	D	19.30
132	FAZILKA	JALALABAD	S-NPP	30.54690	74.17320	14:06:35	D	65.90
133	FAZILKA	JALALABAD	S-NPP	30.54900	74.14430	14:06:35	D	4.20
134	FAZILKA	JALALABAD	S-NPP	30.55630	74.17210	14:06:35	D	2.80
135	FAZILKA	JALALABAD	S-NPP	30.55740	74.16910	14:06:35	D	3.00
136	FAZILKA	JALALABAD	S-NPP	30.57100	74.17610	14:06:35	D	2.50
137	FAZILKA	JALALABAD	S-NPP	30.58040	74.17500	14:06:35	D	4.20
138	FIROZPUR	FIROZPUR	S-NPP	31.00550	74.67020	14:06:35	D	6.30
139	FIROZPUR	FIROZPUR	S-NPP	31.03670	74.60210	14:06:35	D	4.70
140	FIROZPUR	FIROZPUR	S-NPP	31.03840	74.59820	14:06:35	D	5.80
141	FIROZPUR	FIROZPUR	S-NPP	31.04880	74.65920	14:06:35	D	8.30
142	FIROZPUR	FIROZPUR	S-NPP	31.11420	74.76310	14:06:35	D	3.60
143	FIROZPUR	FIROZPUR	AQUA	30.87300	74.60500	13:26:16	D	19.10
144	FIROZPUR	FIROZPUR	AQUA	30.87600	74.62200	13:26:16	D	57.60
145	FIROZPUR	MAKHU	S-NPP	31.05670	75.03470	14:06:35	D	2.60
146	FIROZPUR	MAKHU	S-NPP	31.06450	74.95080	14:06:35	D	5.10
147	FIROZPUR	MAKHU	S-NPP	31.06470	74.88380	14:06:35	D	5.00
148	FIROZPUR	MAKHU	S-NPP	31.06880	74.88560	14:06:35	D	17.20
149	FIROZPUR	MAKHU	S-NPP	31.06960	74.88330	14:06:35	D	8.20
150	FIROZPUR	MAKHU	S-NPP	31.07010	74.88970	14:06:35	D	19.10
151	FIROZPUR	MAKHU	S-NPP	31.10690	74.85350	14:06:35	D	9.80
152	FIROZPUR	MAKHU	S-NPP	31.11350	74.87210	14:06:35	D	30.20
153	FIROZPUR	MAKHU	S-NPP	31.11570	74.83970	14:06:35	D	4.20
154	FIROZPUR	MAKHU	S-NPP	31.11630	74.84600	14:06:35	D	6.40
155	FIROZPUR	MAKHU	S-NPP	31.11850	74.81370	14:06:35	D	5.40
156	FIROZPUR	MAKHU	S-NPP	31.12560	74.83860	14:06:35	D	6.10
157	FIROZPUR	MAMDOT	S-NPP	30.92720	74.43940	14:06:35	D	18.10
158	FIROZPUR	MAMDOT	S-NPP	30.93250	74.44480	14:06:35	D	18.10
159	FIROZPUR	MAMDOT	S-NPP	30.93730	74.44430	14:06:35	D	8.50
160	FIROZPUR	MAMDOT	AQUA	30.80700	74.45200	13:26:16	D	24.20
161	FIROZPUR	ZIRA	S-NPP	30.96940	74.91310	12:27:00	D	7.10
162	FIROZPUR	ZIRA	S-NPP	30.98620	75.03870	12:27:00	D	11.30

163	FIROZPUR	ZIRA	AQUA	31.00600	74.99900	13:26:16	D	52.40
164	FIROZPUR	ZIRA	AQUA	31.00700	75.00400	13:26:16	D	70.70
165	FIROZPUR	ZIRA	AQUA	31.00900	75.01600	13:26:16	D	26.20
166	FIROZPUR	ZIRA	AQUA	31.02800	74.86900	13:26:16	D	17.30
167	HOSHIARPUR	GARH SHANKAR	S-NPP	31.16020	76.18330	14:06:35	D	6.00
168	HOSHIARPUR	MAHILPUR	S-NPP	31.27840	75.94930	14:06:35	D	2.90
169	JALANDHAR	NAKODAR	S-NPP	31.19270	75.52760	14:06:35	D	1.60
170	JALANDHAR	NUR MAHAL	AQUA	31.00200	75.66400	13:26:16	D	14.10
171	JALANDHAR	PHILLAUR	S-NPP	31.13210	75.90010	14:06:35	D	7.50
172	JALANDHAR	PHILLAUR	AQUA	31.03900	75.74900	13:26:16	D	10.70
173	JALANDHAR	RURKA KALAN	S-NPP	31.11330	75.64250	14:06:35	D	2.50
174	KAPURTHALA	DHILWAN	S-NPP	31.39860	75.22460	14:06:35	D	9.20
175	KAPURTHALA	DHILWAN	S-NPP	31.39970	75.22380	14:06:35	D	5.10
176	KAPURTHALA	KAPURTHALA	S-NPP	31.37420	75.28660	14:06:35	D	3.20
177	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.31250	75.15140	14:06:35	D	4.20
178	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.32760	75.14980	14:06:35	D	7.40
179	LUDHIANA	DORAHA	S-NPP	30.69260	76.07150	12:27:00	D	11.00
180	LUDHIANA	DORAHA	S-NPP	30.71070	75.98240	12:27:00	D	7.70
181	LUDHIANA	DORAHA	S-NPP	30.71280	75.98310	12:27:00	D	8.20
182	LUDHIANA	JAGRAON	S-NPP	30.69250	75.47620	12:27:00	D	9.60
183	LUDHIANA	JAGRAON	S-NPP	30.69290	75.47740	12:27:00	D	9.20
184	LUDHIANA	JAGRAON	AQUA	30.76900	75.40900	13:26:16	D	11.20
185	LUDHIANA	JAGRAON	AQUA	30.77600	75.57200	13:26:16	D	8.20
186	LUDHIANA	KHANNA	S-NPP	30.68150	76.27530	12:27:00	D	8.40
187	LUDHIANA	KHANNA	S-NPP	30.68670	76.27880	12:27:00	D	5.90
188	LUDHIANA	LUDHIANA-2	AQUA	30.91100	76.07100	13:26:16	D	13.30
189	LUDHIANA	LUDHIANA-2	AQUA	30.91400	76.08500	13:26:16	D	9.00
190	LUDHIANA	LUDHIANA-2	AQUA	30.97900	76.10800	13:26:16	D	12.10
191	LUDHIANA	MACHHIWARA	AQUA	30.80300	76.28200	13:26:16	D	10.40
192	LUDHIANA	MACHHIWARA	AQUA	30.83900	76.30300	13:26:16	D	7.40
193	LUDHIANA	MACHHIWARA	AQUA	30.99400	76.19400	13:26:16	D	6.00
194	LUDHIANA	MALLOUD	S-NPP	30.61310	75.95230	12:27:00	D	9.30
195	LUDHIANA	MALLOUD	S-NPP	30.61480	75.95030	12:27:00	D	6.40

196	LUDHIANA	RAIKOT	S-NPP	30.66260	75.55140	12:27:00	D	8.70
197	LUDHIANA	SIDHWAN BET	S-NPP	30.87940	75.56520	14:06:35	D	2.10
198	LUDHIANA	SIDHWAN BET	S-NPP	30.93790	75.43360	14:06:35	D	2.40
199	LUDHIANA	SIDHWAN BET	S-NPP	30.95920	75.37970	14:06:35	D	10.50
200	LUDHIANA	SIDHWAN BET	S-NPP	30.96010	75.38990	14:06:35	D	2.90
201	LUDHIANA	SIDHWAN BET	S-NPP	30.96430	75.37910	14:06:35	D	10.50
202	LUDHIANA	SIDHWAN BET	S-NPP	30.96460	75.38260	14:06:35	D	17.10
203	LUDHIANA	SIDHWAN BET	S-NPP	30.97090	75.58800	14:06:35	D	2.10
204	LUDHIANA	SIDHWAN BET	AQUA	30.93900	75.38700	13:26:16	D	20.70
205	LUDHIANA	SUDHAR	AQUA	30.78300	75.66700	13:26:16	D	12.70
206	MANSA	BHIKHI	S-NPP	29.97730	75.49700	14:06:35	D	16.80
207	MANSA	BHIKHI	S-NPP	29.98180	75.48980	14:06:35	D	16.80
208	MANSA	BHIKHI	S-NPP	29.98750	75.49590	14:06:35	D	12.00
209	MANSA	BHIKHI	S-NPP	29.99030	75.46860	14:06:35	D	4.00
210	MANSA	BHIKHI	S-NPP	30.02160	75.59970	14:06:35	D	2.50
211	MANSA	BHIKHI	S-NPP	30.02610	75.53090	14:06:35	D	4.60
212	MANSA	BHIKHI	S-NPP	30.03490	75.57430	14:06:35	D	3.70
213	MANSA	BHIKHI	S-NPP	30.04340	75.55290	14:06:35	D	4.90
214	MANSA	BHIKHI	S-NPP	30.04480	75.53060	14:06:35	D	2.80
215	MANSA	BHIKHI	S-NPP	30.04640	75.52880	14:06:35	D	2.90
216	MANSA	BHIKHI	S-NPP	30.04960	75.59180	14:06:35	D	9.00
217	MANSA	BHIKHI	S-NPP	30.05160	75.58970	14:06:35	D	10.60
218	MANSA	BHIKHI	S-NPP	30.05180	75.55380	14:06:35	D	2.60
219	MANSA	BHIKHI	S-NPP	30.05190	75.59310	14:06:35	D	10.60
220	MANSA	BHIKHI	S-NPP	30.05450	75.52280	14:06:35	D	3.80
221	MANSA	BHIKHI	S-NPP	30.05470	75.59120	14:06:35	D	9.00
222	MANSA	BHIKHI	S-NPP	30.05500	75.59460	14:06:35	D	19.00
223	MANSA	BHIKHI	S-NPP	30.05600	75.52100	14:06:35	D	3.90
224	MANSA	BHIKHI	S-NPP	30.06350	75.50830	14:06:35	D	5.90
225	MANSA	BHIKHI	S-NPP	30.06440	75.61940	14:06:35	D	1.00
226	MANSA	BHIKHI	S-NPP	30.06490	75.59020	14:06:35	D	1.90
227	MANSA	BHIKHI	S-NPP	30.06650	75.61060	14:06:35	D	4.20
228	MANSA	BHIKHI	S-NPP	30.06710	75.61750	14:06:35	D	6.50

229	MANSA	BHIKHI	S-NPP	30.06730	75.62090	14:06:35	D	4.80
230	MANSA	BHIKHI	S-NPP	30.06810	75.50100	14:06:35	D	3.40
231	MANSA	BHIKHI	S-NPP	30.06960	75.58950	12:27:00	D	9.20
232	MANSA	BHIKHI	S-NPP	30.07160	75.61010	14:06:35	D	2.00
233	MANSA	BHIKHI	S-NPP	30.07180	75.48370	14:06:35	D	2.10
234	MANSA	BHIKHI	S-NPP	30.07960	75.51680	14:06:35	D	1.30
235	MANSA	BHIKHI	S-NPP	30.08390	75.57100	14:06:35	D	3.90
236	MANSA	BHIKHI	S-NPP	30.10410	75.50410	14:06:35	D	8.90
237	MANSA	BHIKHI	S-NPP	30.11800	75.49760	12:27:00	D	6.70
238	MANSA	BHIKHI	S-NPP	30.12270	75.61870	12:27:00	D	7.20
239	MANSA	BHIKHI	S-NPP	30.12810	75.61880	12:27:00	D	8.00
240	MANSA	BHIKHI	AQUA	30.03300	75.57600	13:26:16	D	20.80
241	MANSA	BUDHLADA	S-NPP	29.77350	75.71120	12:27:00	D	5.40
242	MANSA	BUDHLADA	S-NPP	29.77470	75.70850	12:27:00	D	10.80
243	MANSA	BUDHLADA	S-NPP	29.78020	75.70870	12:27:00	D	5.40
244	MANSA	BUDHLADA	S-NPP	29.78060	75.50890	12:27:00	D	4.10
245	MANSA	BUDHLADA	S-NPP	29.83860	75.57900	12:27:00	D	3.70
246	MANSA	BUDHLADA	S-NPP	29.84070	75.57950	12:27:00	D	5.50
247	MANSA	BUDHLADA	S-NPP	29.84930	75.77070	12:27:00	D	6.40
248	MANSA	BUDHLADA	S-NPP	29.85170	75.59190	12:27:00	D	7.30
249	MANSA	BUDHLADA	S-NPP	29.85950	75.75570	14:06:35	D	7.10
250	MANSA	BUDHLADA	S-NPP	29.86810	75.71130	14:06:35	D	6.30
251	MANSA	BUDHLADA	S-NPP	29.86840	75.71480	14:06:35	D	6.30
252	MANSA	BUDHLADA	S-NPP	29.86870	75.71820	14:06:35	D	11.20
253	MANSA	BUDHLADA	S-NPP	29.87110	75.74930	14:06:35	D	4.40
254	MANSA	BUDHLADA	S-NPP	29.87350	75.71430	14:06:35	D	6.30
255	MANSA	BUDHLADA	S-NPP	29.87380	75.71770	14:06:35	D	11.20
256	MANSA	BUDHLADA	S-NPP	29.88140	75.62030	14:06:35	D	10.30
257	MANSA	BUDHLADA	S-NPP	29.88590	75.67490	14:06:35	D	2.40
258	MANSA	BUDHLADA	S-NPP	29.88910	75.58870	14:06:35	D	6.70
259	MANSA	BUDHLADA	S-NPP	29.89060	75.73340	14:06:35	D	2.60
260	MANSA	BUDHLADA	S-NPP	29.89080	75.73680	14:06:35	D	4.10
261	MANSA	BUDHLADA	S-NPP	29.89670	75.61870	14:06:35	D	2.00

262	MANSA	BUDHLADA	S-NPP	29.90070	75.54330	14:06:35	D	2.40
263	MANSA	BUDHLADA	S-NPP	29.90300	75.57020	14:06:35	D	2.50
264	MANSA	BUDHLADA	S-NPP	29.91940	75.64390	14:06:35	D	5.20
265	MANSA	BUDHLADA	S-NPP	29.92130	75.60590	14:06:35	D	6.90
266	MANSA	BUDHLADA	S-NPP	29.92380	75.51370	14:06:35	D	5.10
267	MANSA	BUDHLADA	S-NPP	29.92500	75.71240	14:06:35	D	2.10
268	MANSA	BUDHLADA	S-NPP	29.92590	75.59860	14:06:35	D	2.10
269	MANSA	BUDHLADA	S-NPP	29.92900	75.63600	14:06:35	D	2.00
270	MANSA	BUDHLADA	S-NPP	29.93040	75.65310	14:06:35	D	3.60
271	MANSA	BUDHLADA	S-NPP	29.93440	75.63890	14:06:35	D	2.50
272	MANSA	BUDHLADA	S-NPP	29.93580	75.59420	14:06:35	D	10.50
273	MANSA	BUDHLADA	S-NPP	29.93600	75.59760	14:06:35	D	10.50
274	MANSA	BUDHLADA	S-NPP	29.94140	75.49400	14:06:35	D	5.00
275	MANSA	BUDHLADA	S-NPP	29.94630	75.62120	14:06:35	D	5.60
276	MANSA	BUDHLADA	S-NPP	29.94820	75.62030	14:06:35	D	2.50
277	MANSA	BUDHLADA	S-NPP	29.94850	75.62370	14:06:35	D	2.50
278	MANSA	BUDHLADA	S-NPP	29.94970	75.63730	14:06:35	D	4.50
279	MANSA	BUDHLADA	S-NPP	29.95000	75.60370	14:06:35	D	1.50
280	MANSA	BUDHLADA	S-NPP	29.95190	75.60280	14:06:35	D	2.30
281	MANSA	BUDHLADA	S-NPP	29.95240	75.63440	14:06:35	D	4.00
282	MANSA	BUDHLADA	S-NPP	29.95270	75.63780	14:06:35	D	4.00
283	MANSA	BUDHLADA	S-NPP	29.95300	75.51140	14:06:35	D	5.80
284	MANSA	BUDHLADA	S-NPP	29.95380	75.58620	14:06:35	D	7.10
285	MANSA	BUDHLADA	S-NPP	29.95580	75.58870	14:06:35	D	3.00
286	MANSA	BUDHLADA	S-NPP	29.95910	75.52430	14:06:35	D	3.20
287	MANSA	BUDHLADA	S-NPP	29.95940	75.52770	14:06:35	D	3.20
288	MANSA	BUDHLADA	S-NPP	29.96150	75.55460	14:06:35	D	3.20
289	MANSA	BUDHLADA	S-NPP	29.96370	75.58170	14:06:35	D	10.60
290	MANSA	BUDHLADA	S-NPP	29.96840	75.51320	14:06:35	D	3.30
291	MANSA	BUDHLADA	S-NPP	29.97030	75.53670	14:06:35	D	7.30
292	MANSA	BUDHLADA	S-NPP	29.97500	75.59420	14:06:35	D	8.30
293	MANSA	BUDHLADA	S-NPP	29.97540	75.53620	14:06:35	D	7.30
294	MANSA	BUDHLADA	S-NPP	29.97570	75.53950	14:06:35	D	7.30

295	MANSA	BUDHLADA	S-NPP	29.97930	75.64880	14:06:35	D	4.90
296	MANSA	BUDHLADA	S-NPP	29.97990	75.52890	14:06:35	D	3.60
297	MANSA	BUDHLADA	S-NPP	29.98020	75.53230	14:06:35	D	3.60
298	MANSA	BUDHLADA	S-NPP	29.98270	75.56260	14:06:35	D	6.50
299	MANSA	BUDHLADA	S-NPP	29.98300	75.56600	14:06:35	D	6.50
300	MANSA	BUDHLADA	S-NPP	29.98500	75.52840	14:06:35	D	3.60
301	MANSA	BUDHLADA	S-NPP	29.99010	75.52780	14:06:35	D	2.50
302	MANSA	BUDHLADA	S-NPP	29.99330	75.63010	14:06:35	D	3.00
303	MANSA	BUDHLADA	S-NPP	29.99510	75.52730	14:06:35	D	2.50
304	MANSA	BUDHLADA	S-NPP	29.99640	75.60570	14:06:35	D	1.50
305	MANSA	BUDHLADA	S-NPP	30.00150	75.60520	14:06:35	D	1.50
306	MANSA	BUDHLADA	S-NPP	30.00750	75.61490	14:06:35	D	1.00
307	MANSA	BUDHLADA	S-NPP	30.00970	75.64220	14:06:35	D	3.40
308	MANSA	BUDHLADA	S-NPP	30.01000	75.64570	14:06:35	D	3.40
309	MANSA	BUDHLADA	S-NPP	30.01480	75.64170	14:06:35	D	3.40
310	MANSA	BUDHLADA	S-NPP	30.02050	75.64800	14:06:35	D	5.40
311	MANSA	BUDHLADA	S-NPP	30.02360	75.62360	14:06:35	D	3.20
312	MANSA	BUDHLADA	S-NPP	30.03500	75.63620	14:06:35	D	4.00
313	MANSA	BUDHLADA	S-NPP	30.04010	75.63560	14:06:35	D	9.30
314	MANSA	BUDHLADA	S-NPP	30.06300	75.63170	14:06:35	D	2.40
315	MANSA	BUDHLADA	S-NPP	30.06560	75.63310	14:06:35	D	1.80
316	MANSA	BUDHLADA	AQUA	29.83800	75.58600	13:26:16	D	24.10
317	MANSA	BUDHLADA	AQUA	29.89100	75.50500	13:26:16	D	24.80
318	MANSA	BUDHLADA	AQUA	29.93600	75.48700	13:26:16	D	16.60
319	MANSA	JHUNIR	S-NPP	29.95660	75.30580	14:06:35	D	3.80
320	MANSA	JHUNIR	AQUA	29.79000	75.39400	13:26:16	D	35.00
321	MANSA	JHUNIR	AQUA	29.94800	75.30700	13:26:16	D	24.20
322	MANSA	MANSA	S-NPP	29.92090	75.42890	14:06:35	D	4.00
323	MANSA	MANSA	S-NPP	29.92160	75.42830	14:06:35	D	5.20
324	MANSA	MANSA	S-NPP	29.92760	75.32170	14:06:35	D	53.60
325	MANSA	MANSA	S-NPP	29.92760	75.32210	14:06:35	D	80.70
326	MANSA	MANSA	S-NPP	29.95120	75.42580	14:06:35	D	6.30
327	MANSA	MANSA	S-NPP	29.95190	75.42520	14:06:35	D	11.90

328	MANSA	MANSA	S-NPP	29.97200	75.37020	14:06:35	D	3.00
329	MANSA	MANSA	S-NPP	29.97530	75.40980	14:06:35	D	6.10
330	MANSA	MANSA	S-NPP	29.97550	75.29060	14:06:35	D	4.30
331	MANSA	MANSA	S-NPP	30.00380	75.44700	14:06:35	D	8.90
332	MANSA	MANSA	AQUA	29.96200	75.44200	13:26:16	D	23.20
333	MANSA	SARDULGARH	S-NPP	29.63950	75.31020	14:06:35	D	6.60
334	MANSA	SARDULGARH	S-NPP	29.64890	75.30260	14:06:35	D	4.70
335	MANSA	SARDULGARH	S-NPP	29.70320	75.22410	14:06:35	D	9.30
336	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.87160	75.28470	14:06:35	D	3.60
337	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.87500	75.28420	14:06:35	D	7.80
338	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.89590	75.10130	14:06:35	D	4.00
339	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.90230	75.18040	14:06:35	D	5.00
340	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.90320	75.06760	14:06:35	D	5.30
341	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99110	75.27220	14:06:35	D	6.80
342	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99510	75.27050	14:06:35	D	4.00
343	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	31.01600	75.17500	13:26:16	D	24.10
344	MOGA	MOGA-1	S-NPP	30.73790	75.25350	12:27:00	D	8.30
345	MOGA	NIHAL SINGH	AQUA	30.51800	75.37200	13:26:16	D	17.80
346	MOGA	NIHAL SINGH	AQUA	30.59700	75.36400	13:26:16	D	23.20
347	MOGA	NIHAL SINGH	AQUA	30.60600	75.33800	13:26:16	D	20.70
348	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.17500	74.63570	14:06:35	D	4.80
349	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.21260	74.68970	14:06:35	D	4.30
350	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.22170	74.68250	14:06:35	D	5.70
351	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.27790	74.54950	14:06:35	D	3.60
352	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.27790	74.55360	14:06:35	D	6.70
353	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.27840	74.55540	14:06:35	D	4.90
354	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.28390	74.61490	14:06:35	D	20.20
355	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.29530	74.58770	14:06:35	D	3.20
356	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.30080	74.53900	14:06:35	D	7.90
357	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.32390	74.69380	14:06:35	D	7.10
358	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.33050	74.60180	14:06:35	D	5.00
359	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.33580	74.66190	14:06:35	D	2.90
360	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.35460	74.65370	14:06:35	D	4.30

361	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.35570	74.61110	14:06:35	D	5.40
362	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.37440	74.60290	14:06:35	D	5.20
363	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.37490	74.55460	14:06:35	D	9.40
364	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.17200	74.60400	13:26:16	D	29.90
365	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.41400	74.64300	13:26:16	D	20.70
366	MUKTSAR	LAMBI	S-NPP	29.94660	74.51710	14:06:35	D	11.90
367	MUKTSAR	LAMBI	S-NPP	29.97740	74.53710	14:06:35	D	5.90
368	MUKTSAR	LAMBI	S-NPP	29.97780	74.54060	14:06:35	D	9.00
369	MUKTSAR	LAMBI	S-NPP	29.98390	74.61130	14:06:35	D	4.00
370	MUKTSAR	LAMBI	S-NPP	29.98460	74.61360	14:06:35	D	6.10
371	MUKTSAR	LAMBI	S-NPP	29.98870	74.61070	14:06:35	D	4.90
372	MUKTSAR	LAMBI	S-NPP	30.00090	74.63930	14:06:35	D	3.10
373	MUKTSAR	LAMBI	S-NPP	30.00260	74.60320	14:06:35	D	3.50
374	MUKTSAR	LAMBI	AQUA	29.96200	74.52100	13:26:16	D	23.10
375	MUKTSAR	MALOUT	S-NPP	30.18160	74.38910	14:06:35	D	6.30
376	MUKTSAR	MALOUT	S-NPP	30.19960	74.37530	14:06:35	D	5.40
377	MUKTSAR	MALOUT	S-NPP	30.34820	74.52760	14:06:35	D	7.90
378	MUKTSAR	MALOUT	AQUA	30.16900	74.52800	13:26:16	D	15.60
379	MUKTSAR	MALOUT	AQUA	30.17500	74.53200	13:26:16	D	13.80
380	MUKTSAR	MUKTSAR	S-NPP	30.41730	74.38800	14:06:35	D	14.10
381	MUKTSAR	MUKTSAR	S-NPP	30.42410	74.41080	14:06:35	D	11.00
382	MUKTSAR	MUKTSAR	S-NPP	30.43580	74.38000	14:06:35	D	6.60
383	MUKTSAR	MUKTSAR	S-NPP	30.46330	74.41810	14:06:35	D	4.30
384	MUKTSAR	MUKTSAR	S-NPP	30.49290	74.42660	14:06:35	D	8.20
385	MUKTSAR	MUKTSAR	S-NPP	30.49340	74.43040	14:06:35	D	5.90
386	MUKTSAR	MUKTSAR	S-NPP	30.50500	74.45290	14:06:35	D	5.80
387	MUKTSAR	MUKTSAR	AQUA	30.41200	74.56800	13:26:16	D	58.70
388	MUKTSAR	MUKTSAR	AQUA	30.46300	74.41200	13:26:16	D	12.30
389	MUKTSAR	MUKTSAR	AQUA	30.47000	74.44900	13:26:16	D	15.90
390	MUKTSAR	MUKTSAR	AQUA	30.48400	74.58000	13:26:16	D	20.40
391	PATIALA	BHUNARHERI	AQUA	30.24700	76.40900	13:26:16	D	9.80
392	PATIALA	GHANAUR	S-NPP	30.31260	76.68120	14:06:35	D	2.00
393	PATIALA	NABHA	S-NPP	30.34560	76.14820	14:06:35	D	4.20

394	PATIALA	NABHA	S-NPP	30.36000	75.99100	14:06:35	D	3.60
395	PATIALA	NABHA	S-NPP	30.36130	76.21450	14:06:35	D	2.30
396	PATIALA	NABHA	S-NPP	30.37040	76.05640	14:06:35	D	3.30
397	PATIALA	NABHA	S-NPP	30.41130	76.18670	14:06:35	D	5.00
398	PATIALA	NABHA	S-NPP	30.41260	76.18690	14:06:35	D	3.70
399	PATIALA	NABHA	S-NPP	30.41600	76.17870	14:06:35	D	2.60
400	PATIALA	NABHA	S-NPP	30.44000	76.07140	14:06:35	D	1.40
401	PATIALA	NABHA	S-NPP	30.51220	76.13230	14:06:35	D	4.00
402	PATIALA	NABHA	S-NPP	30.52480	76.08600	14:06:35	D	3.00
403	PATIALA	NABHA	S-NPP	30.52610	76.08540	14:06:35	D	3.60
404	PATIALA	NABHA	S-NPP	30.52640	76.08910	14:06:35	D	6.00
405	PATIALA	NABHA	S-NPP	30.54010	76.14840	14:06:35	D	3.80
406	PATIALA	NABHA	AQUA	30.38900	76.26500	13:26:16	D	15.20
407	PATIALA	PATIALA	S-NPP	30.35110	76.29170	12:27:00	D	3.80
408	PATIALA	PATIALA	S-NPP	30.36620	76.49990	14:06:35	D	2.70
409	PATIALA	PATIALA	S-NPP	30.38740	76.37920	12:27:00	D	3.60
410	PATIALA	PATIALA	S-NPP	30.39030	76.37940	12:27:00	D	6.70
411	PATIALA	PATIALA	S-NPP	30.39380	76.36070	14:06:35	D	4.10
412	PATIALA	PATIALA	S-NPP	30.39530	76.37990	14:06:35	D	3.40
413	PATIALA	PATIALA	S-NPP	30.39950	76.36400	14:06:35	D	4.10
414	PATIALA	PATIALA	AQUA	30.26500	76.27100	13:26:16	D	12.40
415	PATIALA	PATRAN	S-NPP	29.81510	76.11400	12:27:00	D	6.70
416	PATIALA	PATRAN	S-NPP	29.91530	76.00160	12:27:00	D	9.20
417	PATIALA	PATRAN	S-NPP	29.91550	75.99970	12:27:00	D	8.40
418	PATIALA	PATRAN	S-NPP	29.91750	76.00680	12:27:00	D	7.00
419	PATIALA	PATRAN	S-NPP	29.92450	76.06020	12:27:00	D	6.70
420	PATIALA	PATRAN	S-NPP	29.92490	76.05810	12:27:00	D	7.60
421	PATIALA	PATRAN	S-NPP	29.93920	76.01640	14:06:35	D	3.40
422	PATIALA	PATRAN	S-NPP	29.94390	75.99880	12:27:00	D	6.50
423	PATIALA	PATRAN	S-NPP	29.94410	75.99710	12:27:00	D	9.00
424	PATIALA	PATRAN	S-NPP	29.94470	76.01950	14:06:35	D	4.30
425	PATIALA	PATRAN	S-NPP	29.96810	76.18960	12:27:00	D	10.20
426	PATIALA	PATRAN	S-NPP	29.96930	76.18720	12:27:00	D	10.20

427	PATIALA	PATRAN	S-NPP	30.04850	76.12790	14:06:35	D	2.60
428	PATIALA	PATRAN	AQUA	29.94700	75.99800	13:26:16	D	21.80
429	PATIALA	SAMANA	S-NPP	30.06760	76.09620	12:27:00	D	6.20
430	PATIALA	SAMANA	S-NPP	30.06770	76.09820	12:27:00	D	8.70
431	PATIALA	SAMANA	S-NPP	30.06950	76.10310	12:27:00	D	6.20
432	PATIALA	SAMANA	S-NPP	30.11940	76.16070	14:06:35	D	3.10
433	PATIALA	SAMANA	S-NPP	30.15990	76.06780	14:06:35	D	1.80
434	PATIALA	SAMANA	S-NPP	30.17830	76.16620	14:06:35	D	4.00
435	PATIALA	SAMANA	AQUA	30.08700	76.10800	13:26:16	D	30.80
436	PATIALA	SAMANA	AQUA	30.19000	76.12900	13:26:16	D	15.80
437	PATIALA	SANAUR	S-NPP	30.17890	76.38240	14:06:35	D	2.30
438	PATIALA	SANAUR	AQUA	30.13300	76.33000	13:26:16	D	21.80
439	PATIALA	SANAUR	AQUA	30.18400	76.34200	13:26:16	D	9.90
440	PATIALA	SANAUR	AQUA	30.22000	76.36300	13:26:16	D	17.10
441	PATIALA	SANAUR	AQUA	30.25500	76.39300	13:26:16	D	17.00
442	PATIALA	SHAMBU KALAN	S-NPP	30.45730	76.74270	12:27:00	D	3.80
443	PATIALA	SHAMBU KALAN	S-NPP	30.45890	76.74140	12:27:00	D	3.20
444	PATIALA	SHAMBU KALAN	AQUA	30.45300	76.46500	13:26:16	D	14.50
445	RUPNAGAR	RUPNAGAR	AQUA	30.91500	76.51100	13:26:16	D	13.20
446	SANGRUR	ANDANA	S-NPP	29.80850	75.96060	12:27:00	D	6.00
447	SANGRUR	ANDANA	S-NPP	29.80850	75.96230	12:27:00	D	3.40
448	SANGRUR	ANDANA	S-NPP	29.85470	76.01190	14:06:35	D	3.90
449	SANGRUR	ANDANA	S-NPP	29.85550	76.02260	14:06:35	D	2.80
450	SANGRUR	ANDANA	S-NPP	29.87200	75.97830	12:27:00	D	4.70
451	SANGRUR	ANDANA	S-NPP	29.89960	75.98060	14:06:35	D	3.80
452	SANGRUR	ANDANA	AQUA	29.89100	75.99600	13:26:16	D	16.00
453	SANGRUR	BHAWANIGARH	S-NPP	30.19050	76.05370	14:06:35	D	5.10
454	SANGRUR	BHAWANIGARH	S-NPP	30.19070	76.05310	14:06:35	D	5.40
455	SANGRUR	BHAWANIGARH	S-NPP	30.24500	76.00370	14:06:35	D	1.70
456	SANGRUR	BHAWANIGARH	S-NPP	30.30490	76.00200	12:27:00	D	13.40
457	SANGRUR	BHAWANIGARH	AQUA	30.14700	76.01500	13:26:16	D	14.20
458	SANGRUR	BHAWANIGARH	AQUA	30.26200	76.01200	13:26:16	D	18.30
459	SANGRUR	BHAWANIGARH	AQUA	30.28400	75.98500	13:26:16	D	38.70

460	SANGRUR	DHURI	S-NPP	30.34200	75.77100	12:27:00	D	6.00
461	SANGRUR	DHURI	S-NPP	30.34400	75.77670	12:27:00	D	11.00
462	SANGRUR	DHURI	S-NPP	30.34400	75.77810	12:27:00	D	9.90
463	SANGRUR	DHURI	S-NPP	30.34750	75.96660	14:06:35	D	4.80
464	SANGRUR	DHURI	S-NPP	30.35010	75.79800	12:27:00	D	6.20
465	SANGRUR	DHURI	S-NPP	30.36360	75.90310	14:06:35	D	2.50
466	SANGRUR	DHURI	S-NPP	30.40670	75.97030	12:27:00	D	7.00
467	SANGRUR	DIRBA	S-NPP	30.01590	75.93960	12:27:00	D	3.80
468	SANGRUR	DIRBA	S-NPP	30.03710	76.01530	12:27:00	D	5.50
469	SANGRUR	DIRBA	S-NPP	30.03770	76.01710	12:27:00	D	5.20
470	SANGRUR	DIRBA	S-NPP	30.04090	75.95190	12:27:00	D	3.70
471	SANGRUR	DIRBA	S-NPP	30.04180	75.95350	12:27:00	D	3.60
472	SANGRUR	DIRBA	S-NPP	30.06160	76.07540	12:27:00	D	2.60
473	SANGRUR	DIRBA	S-NPP	30.07020	76.00320	12:27:00	D	4.90
474	SANGRUR	DIRBA	S-NPP	30.07080	76.00480	12:27:00	D	4.40
475	SANGRUR	DIRBA	S-NPP	30.07150	75.95630	12:27:00	D	5.90
476	SANGRUR	DIRBA	S-NPP	30.08010	75.96090	12:27:00	D	4.50
477	SANGRUR	DIRBA	S-NPP	30.11270	76.07250	14:06:35	D	4.60
478	SANGRUR	DIRBA	S-NPP	30.16750	76.03030	14:06:35	D	4.40
479	SANGRUR	DIRBA	S-NPP	30.17310	76.03340	14:06:35	D	4.40
480	SANGRUR	DIRBA	AQUA	29.94500	75.98300	13:26:16	D	24.20
481	SANGRUR	DIRBA	AQUA	29.99600	75.99500	13:26:16	D	29.00
482	SANGRUR	DIRBA	AQUA	30.04600	75.96700	13:26:16	D	21.80
483	SANGRUR	DIRBA	AQUA	30.17500	76.01800	13:26:16	D	14.30
484	SANGRUR	DIRBA	AQUA	30.17700	75.90700	13:26:16	D	84.50
485	SANGRUR	LEHRA GAGA	S-NPP	29.84370	75.77440	12:27:00	D	5.50
486	SANGRUR	LEHRA GAGA	S-NPP	29.86390	75.76700	12:27:00	D	7.20
487	SANGRUR	LEHRA GAGA	S-NPP	29.88200	75.82190	14:06:35	D	4.60
488	SANGRUR	LEHRA GAGA	S-NPP	29.88610	75.80730	14:06:35	D	3.30
489	SANGRUR	LEHRA GAGA	S-NPP	29.90180	75.92650	12:27:00	D	2.50
490	SANGRUR	LEHRA GAGA	S-NPP	29.90290	75.82320	14:06:35	D	3.10
491	SANGRUR	LEHRA GAGA	S-NPP	29.92100	75.98560	14:06:35	D	7.20
492	SANGRUR	LEHRA GAGA	S-NPP	29.92820	75.68780	14:06:35	D	3.90

493	SANGRUR	LEHRA GAGA	S-NPP	29.94740	75.98660	14:06:35	D	4.20
494	SANGRUR	LEHRA GAGA	S-NPP	29.95060	75.96110	14:06:35	D	2.90
495	SANGRUR	LEHRA GAGA	S-NPP	29.95280	75.79710	14:06:35	D	3.70
496	SANGRUR	LEHRA GAGA	S-NPP	29.95620	75.83910	14:06:35	D	3.30
497	SANGRUR	LEHRA GAGA	S-NPP	29.95790	75.79660	14:06:35	D	6.20
498	SANGRUR	LEHRA GAGA	S-NPP	29.95830	75.67780	14:06:35	D	2.30
499	SANGRUR	LEHRA GAGA	S-NPP	29.96230	75.80750	12:27:00	D	4.60
500	SANGRUR	LEHRA GAGA	S-NPP	29.96340	75.67730	14:06:35	D	2.30
501	SANGRUR	LEHRA GAGA	S-NPP	29.96410	75.80860	12:27:00	D	4.20
502	SANGRUR	LEHRA GAGA	S-NPP	29.96510	75.73020	14:06:35	D	0.70
503	SANGRUR	LEHRA GAGA	S-NPP	29.96760	75.78860	14:06:35	D	1.60
504	SANGRUR	LEHRA GAGA	S-NPP	29.97920	75.73090	12:27:00	D	4.60
505	SANGRUR	LEHRA GAGA	S-NPP	29.99330	75.82570	14:06:35	D	6.20
506	SANGRUR	LEHRA GAGA	S-NPP	29.99440	75.86710	12:27:00	D	4.50
507	SANGRUR	LEHRA GAGA	S-NPP	29.99530	75.85040	14:06:35	D	1.70
508	SANGRUR	LEHRA GAGA	S-NPP	29.99580	75.86840	12:27:00	D	5.50
509	SANGRUR	LEHRA GAGA	S-NPP	29.99790	75.80240	12:27:00	D	3.60
510	SANGRUR	LEHRA GAGA	S-NPP	30.00360	75.84790	12:27:00	D	9.60
511	SANGRUR	MALERKOTLA-1	S-NPP	30.40130	76.00270	12:27:00	D	3.60
512	SANGRUR	MALERKOTLA-1	S-NPP	30.40460	76.02300	14:06:35	D	4.10
513	SANGRUR	MALERKOTLA-1	S-NPP	30.40480	76.02340	14:06:35	D	4.20
514	SANGRUR	MALERKOTLA-1	S-NPP	30.49100	75.91170	14:06:35	D	1.80
515	SANGRUR	MALERKOTLA-1	S-NPP	30.50820	76.07640	14:06:35	D	1.50
516	SANGRUR	MALERKOTLA-1	S-NPP	30.50940	76.07580	14:06:35	D	1.70
517	SANGRUR	MALERKOTLA-1	S-NPP	30.50970	76.02420	14:06:35	D	8.70
518	SANGRUR	MALERKOTLA-1	S-NPP	30.51050	76.02360	14:06:35	D	4.50
519	SANGRUR	MALERKOTLA-1	S-NPP	30.51080	76.02730	14:06:35	D	4.50
520	SANGRUR	MALERKOTLA-1	S-NPP	30.51240	76.06110	14:06:35	D	2.30
521	SANGRUR	MALERKOTLA-1	S-NPP	30.51760	76.06060	14:06:35	D	11.30
522	SANGRUR	MALERKOTLA-1	S-NPP	30.51870	76.06000	14:06:35	D	5.60
523	SANGRUR	MALERKOTLA-1	S-NPP	30.51910	76.06370	14:06:35	D	5.60
524	SANGRUR	MALERKOTLA-1	S-NPP	30.52600	75.95980	14:06:35	D	2.00
525	SANGRUR	MALERKOTLA-1	AQUA	30.42800	75.93800	13:26:16	D	10.90

526	SANGRUR	MALERKOTLA-1	AQUA	30.44600	75.85500	13:26:16	D	16.90
527	SANGRUR	MALERKOTLA-2	S-NPP	30.49920	75.81340	14:06:35	D	4.80
528	SANGRUR	MALERKOTLA-2	S-NPP	30.50420	75.81630	14:06:35	D	5.50
529	SANGRUR	MALERKOTLA-2	S-NPP	30.51450	75.80830	14:06:35	D	7.60
530	SANGRUR	MALERKOTLA-2	S-NPP	30.52270	75.77870	14:06:35	D	3.10
531	SANGRUR	MALERKOTLA-2	S-NPP	30.52300	75.78230	14:06:35	D	3.80
532	SANGRUR	MALERKOTLA-2	S-NPP	30.53530	75.67420	14:06:35	D	2.50
533	SANGRUR	MALERKOTLA-2	S-NPP	30.53690	75.82760	14:06:35	D	5.60
534	SANGRUR	MALERKOTLA-2	S-NPP	30.56990	75.78110	14:06:35	D	4.50
535	SANGRUR	MALERKOTLA-2	S-NPP	30.57220	75.80970	14:06:35	D	2.70
536	SANGRUR	MALERKOTLA-2	S-NPP	30.57910	75.83070	14:06:35	D	5.40
537	SANGRUR	MALERKOTLA-2	S-NPP	30.59080	75.76740	14:06:35	D	5.10
538	SANGRUR	MALERKOTLA-2	S-NPP	30.59300	75.79600	14:06:35	D	2.80
539	SANGRUR	MALERKOTLA-2	S-NPP	30.59320	75.79950	14:06:35	D	2.80
540	SANGRUR	MALERKOTLA-2	S-NPP	30.59490	75.76790	14:06:35	D	4.40
541	SANGRUR	MALERKOTLA-2	S-NPP	30.59720	75.79640	14:06:35	D	2.90
542	SANGRUR	MALERKOTLA-2	S-NPP	30.59750	75.79990	14:06:35	D	2.90
543	SANGRUR	SANGRUR	S-NPP	30.22780	75.65540	14:06:35	D	2.00
544	SANGRUR	SANGRUR	AQUA	30.18700	75.90500	13:26:16	D	59.30
545	SANGRUR	SANGRUR	AQUA	30.18800	75.66300	13:26:16	D	15.40
546	SANGRUR	SANGRUR	AQUA	30.20900	75.89900	13:26:16	D	13.00
547	SANGRUR	SANGRUR	AQUA	30.21800	75.63300	13:26:16	D	95.30
548	SANGRUR	SANGRUR	AQUA	30.22100	75.64900	13:26:16	D	35.70
549	SANGRUR	SHER PUR	S-NPP	30.33320	75.66190	12:27:00	D	3.50
550	SANGRUR	SHER PUR	AQUA	30.39700	75.72900	13:26:16	D	20.60
551	SANGRUR	SHER PUR	AQUA	30.43200	75.77900	13:26:16	D	16.20
552	SANGRUR	SHER PUR	AQUA	30.45300	75.77400	13:26:16	D	47.80
553	SANGRUR	SHER PUR	AQUA	30.46300	75.77100	13:26:16	D	10.80
554	SANGRUR	SHER PUR	AQUA	30.49100	75.77400	13:26:16	D	15.70
555	SANGRUR	SHER PUR	AQUA	30.49400	75.78900	13:26:16	D	36.60
556	SANGRUR	SHER PUR	AQUA	30.49800	75.69200	13:26:16	D	14.60
557	SANGRUR	SHER PUR	AQUA	30.49800	75.77800	13:26:16	D	48.90
558	SANGRUR	SHER PUR	AQUA	30.50100	75.70700	13:26:16	D	16.10

559	SANGRUR	SHER PUR	AQUA	30.50100	75.79300	13:26:16	D	20.70
560	SANGRUR	SUNAM	S-NPP	29.98110	75.73550	14:06:35	D	1.20
561	SANGRUR	SUNAM	S-NPP	29.98880	75.69350	12:27:00	D	10.80
562	SANGRUR	SUNAM	S-NPP	29.99380	75.76570	14:06:35	D	1.60
563	SANGRUR	SUNAM	S-NPP	29.99780	75.75130	14:06:35	D	3.00
564	SANGRUR	SUNAM	S-NPP	29.99930	75.72990	12:27:00	D	6.50
565	SANGRUR	SUNAM	S-NPP	30.00140	75.73070	12:27:00	D	7.20
566	SANGRUR	SUNAM	S-NPP	30.00380	75.76120	14:06:35	D	2.70
567	SANGRUR	SUNAM	S-NPP	30.00580	75.78560	14:06:35	D	7.10
568	SANGRUR	SUNAM	S-NPP	30.01490	75.93810	12:27:00	D	3.00
569	SANGRUR	SUNAM	S-NPP	30.01660	75.79160	14:06:35	D	4.00
570	SANGRUR	SUNAM	S-NPP	30.02310	75.87250	14:06:35	D	6.00
571	SANGRUR	SUNAM	S-NPP	30.02400	75.81910	14:06:35	D	4.50
572	SANGRUR	SUNAM	S-NPP	30.02560	75.64750	14:06:35	D	5.40
573	SANGRUR	SUNAM	S-NPP	30.02780	75.75150	12:27:00	D	14.40
574	SANGRUR	SUNAM	S-NPP	30.02990	75.75880	12:27:00	D	14.40
575	SANGRUR	SUNAM	S-NPP	30.06090	75.69940	14:06:35	D	1.90
576	SANGRUR	SUNAM	S-NPP	30.06200	75.89730	12:27:00	D	11.80
577	SANGRUR	SUNAM	S-NPP	30.06250	75.65760	14:06:35	D	2.40
578	SANGRUR	SUNAM	S-NPP	30.06300	75.69770	14:06:35	D	5.60
579	SANGRUR	SUNAM	S-NPP	30.06760	75.65710	14:06:35	D	2.40
580	SANGRUR	SUNAM	S-NPP	30.07380	75.63750	14:06:35	D	2.00
581	SANGRUR	SUNAM	S-NPP	30.15750	75.76630	12:27:00	D	7.50
582	SANGRUR	SUNAM	AQUA	29.98300	75.74200	13:26:16	D	23.70
583	SANGRUR	SUNAM	AQUA	29.99400	75.73900	13:26:16	D	26.60
584	SANGRUR	SUNAM	AQUA	30.11300	75.74700	13:26:16	D	22.00
585	SBS NAGAR	AUR	S-NPP	31.08290	76.01100	14:06:35	D	3.70
586	SBS NAGAR	AUR	S-NPP	31.09630	76.04750	14:06:35	D	3.00
587	SBS NAGAR	AUR	S-NPP	31.09660	76.05130	14:06:35	D	3.00
588	SBS NAGAR	NAWAN SHAHR	S-NPP	31.07730	76.15250	14:06:35	D	5.00
589	SBS NAGAR	NAWAN SHAHR	AQUA	31.02300	76.17200	13:26:16	D	5.90
590	SBS NAGAR	NAWAN SHAHR	AQUA	31.03000	76.12000	13:26:16	D	6.00
591	TARN TARAN	CHOHLA SAHIB	S-NPP	31.31470	74.99060	14:06:35	D	4.90

592	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.34960	74.98680	14:06:35	D	3.60
593	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.36290	74.84800	14:06:35	D	3.50
594	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.36430	74.84800	14:06:35	D	5.00
595	TARN TARAN	PATTI	S-NPP	31.32220	74.89790	14:06:35	D	3.00
596	TARN TARAN	PATTI	S-NPP	31.32730	74.83880	14:06:35	D	4.90
597	TARN TARAN	PATTI	S-NPP	31.32780	74.84530	14:06:35	D	7.00
598	TARN TARAN	PATTI	S-NPP	31.33270	74.84470	14:06:35	D	7.00
599	TARN TARAN	PATTI	S-NPP	31.33330	74.85120	14:06:35	D	7.00

Details of residue burning events in Haryana on 06-Nov-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMBALA	BARARA	S-NPP	30.30490	77.12260	14:06:35	D	2.60
2	FATEHABAD	BHUNA	S-NPP	29.54260	75.70050	14:06:35	D	2.20
3	FATEHABAD	BHUNA	S-NPP	29.55330	75.86300	14:06:35	D	3.80
4	FATEHABAD	FATEHABAD	S-NPP	29.53290	75.29770	14:06:35	D	3.70
5	FATEHABAD	FATEHABAD	S-NPP	29.53310	75.42170	14:06:35	D	6.20
6	FATEHABAD	JAKHAL	S-NPP	29.74310	75.78710	12:27:00	D	7.40
7	FATEHABAD	JAKHAL	S-NPP	29.77850	75.80640	12:27:00	D	6.00
8	FATEHABAD	JAKHAL	S-NPP	29.77930	75.80410	12:27:00	D	7.10
9	FATEHABAD	TOHANA	S-NPP	29.60770	75.89260	14:06:35	D	1.80
10	FATEHABAD	TOHANA	S-NPP	29.65360	75.75870	14:06:35	D	5.30
11	FATEHABAD	TOHANA	S-NPP	29.65550	75.75680	14:06:35	D	2.80
12	FATEHABAD	TOHANA	S-NPP	29.65570	75.76020	14:06:35	D	2.80
13	FATEHABAD	TOHANA	S-NPP	29.65650	75.71850	02:57:17	N	1.70
14	FATEHABAD	TOHANA	S-NPP	29.65710	75.72010	02:57:17	N	2.60
15	FATEHABAD	TOHANA	S-NPP	29.65890	75.72150	01:17:00	N	7.20
16	FATEHABAD	TOHANA	S-NPP	29.66080	75.71750	01:17:00	N	11.70
17	FATEHABAD	TOHANA	S-NPP	29.66170	75.72010	02:57:17	N	6.80
18	FATEHABAD	TOHANA	S-NPP	29.66230	75.72170	02:57:17	N	4.80
19	FATEHABAD	TOHANA	S-NPP	29.66260	75.71650	02:57:17	N	6.80
20	FATEHABAD	TOHANA	S-NPP	29.66310	75.71810	02:57:17	N	4.80
21	FATEHABAD	TOHANA	S-NPP	29.70530	75.93130	02:57:17	N	1.40
22	FATEHABAD	TOHANA	AQUA	29.66000	75.72900	02:33:31	N	10.80
23	FATEHABAD	TOHANA	AQUA	29.66200	75.71800	02:33:31	N	38.60
24	HISAR	UKLANA	S-NPP	29.55130	75.86230	14:06:35	D	3.30
25	JIND	ALEWA	S-NPP	29.48470	76.41850	14:06:35	D	6.00
26	JIND	ALEWA	S-NPP	29.48700	76.41940	14:06:35	D	8.30
27	JIND	ALEWA	S-NPP	29.49010	76.41800	14:06:35	D	2.60
28	JIND	ALEWA	S-NPP	29.49450	76.33480	14:06:35	D	3.10
29	JIND	NARWANA	S-NPP	29.58610	76.21950	14:06:35	D	3.40
30	JIND	NARWANA	S-NPP	29.58670	76.22180	14:06:35	D	4.80
31	JIND	NARWANA	S-NPP	29.64220	76.15540	12:27:00	D	5.00

32	JIND	UCHANA	S-NPP	29.54570	76.17430	14:06:35	D	3.50
33	KAITHAL	GUHLA	AQUA	30.12800	76.36100	13:26:16	D	21.70
34	KARNAL	ASSANDH	S-NPP	29.56750	76.71070	12:27:00	D	3.60
35	SIRSA	DABWALI	S-NPP	29.90520	74.64650	14:06:35	D	7.00
36	SIRSA	DABWALI	S-NPP	29.92910	74.80740	14:06:35	D	3.10
37	SIRSA	RANIA	AQUA	29.48400	74.87400	13:26:16	D	16.00
38	SIRSA	SIRSA	S-NPP	29.50240	74.94960	02:57:17	N	1.60
39	SIRSA	SIRSA	S-NPP	29.51030	75.06910	02:57:17	N	0.80
40	SIRSA	SIRSA	S-NPP	29.54730	74.94880	14:06:35	D	11.60
41	SONIPAT	KATHURA	S-NPP	29.16130	76.51340	14:06:35	D	3.10
42	SONIPAT	KATHURA	S-NPP	29.16670	76.51290	14:06:35	D	3.10
43	YAMUNANAGAR	BILASPUR	S-NPP	30.26910	77.31180	14:06:35	D	1.90
44	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.23160	77.34590	14:06:35	D	2.70
45	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.29310	77.37260	14:06:35	D	1.60
46	YAMUNANAGAR	CHHACHHRAULI	AQUA	30.25400	77.32300	13:26:16	D	7.70

Details of residue burning events in Uttar Pradesh on 06-Nov-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	ALIGARH	KHAIR	S-NPP	28.01810	77.55610	14:06:35	D	2.50
2	AURAIYA	AURAIYA	S-NPP	26.47650	79.48430	01:17:00	N	0.70
3	BALRAMPUR	UTRAULA	S-NPP	27.07120	82.38670	12:27:00	D	2.00
4	BARABANKI	HADARGARH	AQUA	26.78500	81.40600	13:26:16	D	9.20
5	BAREILLY	BAHERI	AQUA	28.88400	79.40800	13:26:16	D	4.50
6	FATEHPUR	KHAGA	AQUA	25.95600	81.03700	13:26:16	D	6.40
7	KANPUR	BILHAUR	AQUA	26.71200	80.00300	13:26:16	D	7.50
8	KAUSHAMBI	MANJHANPUR	S-NPP	25.39210	81.30160	12:27:00	D	2.20
9	KHERI	GOLA	S-NPP	27.97410	80.28590	01:17:00	N	0.40
10	KHERI	LAKHIMPUR	S-NPP	27.89100	80.60340	12:27:00	D	2.60
11	KHERI	MOHMADI	S-NPP	27.82650	80.04700	01:17:00	N	0.50
12	KHERI	MOHMADI	S-NPP	27.88970	80.10230	01:17:00	N	0.40
13	KHERI	MOHMADI	S-NPP	27.91860	80.07900	01:17:00	N	0.80
14	KHERI	MOHMADI	S-NPP	28.00220	80.27050	01:17:00	N	1.00
15	LUCKNOW	MOHANLAL GANJ	AQUA	26.69100	81.13800	13:26:16	D	5.20
16	MAHARAJGANJ	MAHARAJGANJ	AQUA	26.96400	83.42000	13:26:16	D	8.70
17	MAHARAJGANJ	NICHLAUL	S-NPP	27.25870	83.65740	12:27:00	D	4.40
18	MAHARAJGANJ	NICHLAUL	S-NPP	27.25990	83.66310	12:27:00	D	4.40
19	RAMPUR	BILASPUR	S-NPP	28.81430	79.35930	01:17:00	N	0.40
20	RAMPUR	BILASPUR	AQUA	28.84600	79.28300	13:26:16	D	6.60
21	RAMPUR	BILASPUR	AQUA	28.89200	79.28900	13:26:16	D	8.70
22	RAMPUR	SUAR	AQUA	28.97600	79.17700	13:26:16	D	7.00
23	SHAHJAHANPUR	PUWANYA	S-NPP	27.99650	80.01690	01:17:00	N	0.30
24	SHAHJAHANPUR	PUWANYA	S-NPP	28.34730	80.00280	01:17:00	N	0.30
25	SHAHJAHANPUR	PUWANYA	AQUA	28.14900	80.08700	13:26:16	D	5.70
26	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	28.00650	79.89370	01:17:00	N	0.40
27	SHAHJAHANPUR	TILHAR	S-NPP	28.04400	79.70300	01:17:00	N	0.80
28	SIDDHARTHANAGAR	BANSI	S-NPP	27.05570	82.91070	12:27:00	D	3.40

Details of residue burning events in Rajasthan on 06-Nov-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	BARAN	SHAHBAD	S-NPP	25.12390	76.89110	14:06:35	D	3.30
2	BARAN	SHAHBAD	S-NPP	25.12970	76.89740	14:06:35	D	4.10
3	BUNDI	KESHORAIPATAN	S-NPP	25.27400	75.99770	14:06:35	D	3.90
4	BUNDI	KESHORAIPATAN	S-NPP	25.34000	76.00900	14:06:35	D	6.90
5	BUNDI	KESHORAIPATAN	S-NPP	25.35420	75.93350	14:06:35	D	4.40
6	BUNDI	KESHORAIPATAN	S-NPP	25.37420	75.88250	14:06:35	D	9.70
7	HANUMANGARH	HANUMANGARH	S-NPP	29.58300	74.28850	14:06:35	D	10.80
8	HANUMANGARH	HANUMANGARH	S-NPP	29.59750	74.29240	14:06:35	D	8.00
9	HANUMANGARH	PILIBANGA	S-NPP	29.41540	73.98160	14:06:35	D	5.10
10	HANUMANGARH	PILIBANGA	AQUA	29.44500	74.04400	13:26:16	D	11.60
11	HANUMANGARH	TIBI	S-NPP	29.54700	74.57670	14:06:35	D	6.80
12	HANUMANGARH	TIBI	S-NPP	29.57510	74.46030	14:06:35	D	4.10
13	HANUMANGARH	TIBI	S-NPP	29.57970	74.56440	14:06:35	D	14.70
14	HANUMANGARH	TIBI	S-NPP	29.58020	74.57020	14:06:35	D	14.70
15	HANUMANGARH	TIBI	S-NPP	29.58440	74.56380	14:06:35	D	14.70
16	HANUMANGARH	TIBI	S-NPP	29.58490	74.56960	14:06:35	D	14.70
17	HANUMANGARH	TIBI	S-NPP	29.60600	74.43370	14:06:35	D	5.00
18	HANUMANGARH	TIBI	S-NPP	29.60970	74.47360	14:06:35	D	5.60
19	KOTA	LADPURA	S-NPP	25.10070	75.93590	14:06:35	D	2.30
20	KOTA	LADPURA	S-NPP	25.10250	75.93360	14:06:35	D	3.50
21	KOTA	LADPURA	S-NPP	25.11890	75.95010	14:06:35	D	6.50
22	KOTA	PIPALDA	S-NPP	25.43730	76.49970	14:06:35	D	6.20
23	SWAIMADHOPUR	KHANDAR	S-NPP	25.93070	76.70190	14:06:35	D	3.70
24	SWAIMADHOPUR	KHANDAR	S-NPP	25.95160	76.63520	14:06:35	D	4.10
25	SWAIMADHOPUR	KHANDAR	S-NPP	25.96200	76.63410	14:06:35	D	3.00
26	SWAIMADHOPUR	KHANDAR	S-NPP	25.96930	76.59890	14:06:35	D	5.20
27	SWAIMADHOPUR	KHANDAR	S-NPP	25.96960	76.60230	14:06:35	D	6.90

Details of residue burning events in Madhya Pradesh on 06-Nov-2022

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.53290	77.69230	14:06:35	D	3.80
2	ASHOKNAGAR	ASHOKNAGAR	S-NPP	24.55130	77.64490	14:06:35	D	2.70
3	ASHOKNAGAR	CHANDERI	S-NPP	24.55580	78.10050	14:06:35	D	2.20
4	ASHOKNAGAR	CHANDERI	S-NPP	24.55800	78.09890	14:06:35	D	1.50
5	ASHOKNAGAR	CHANDERI	S-NPP	24.56760	78.01630	14:06:35	D	2.50
6	ASHOKNAGAR	MUNGAOLI	S-NPP	24.29710	77.97560	14:06:35	D	4.20
7	ASHOKNAGAR	MUNGAOLI	S-NPP	24.30230	77.97120	14:06:35	D	3.30
8	ASHOKNAGAR	MUNGAOLI	S-NPP	24.30300	77.97900	14:06:35	D	4.20
9	ASHOKNAGAR	MUNGAOLI	S-NPP	24.33140	77.98430	14:06:35	D	2.50
10	ASHOKNAGAR	MUNGAOLI	S-NPP	24.35030	77.95350	14:06:35	D	2.50
11	ASHOKNAGAR	MUNGAOLI	S-NPP	24.35060	77.95750	14:06:35	D	2.50
12	ASHOKNAGAR	MUNGAOLI	S-NPP	24.35110	77.95460	14:06:35	D	3.70
13	ASHOKNAGAR	MUNGAOLI	S-NPP	24.35140	77.95850	14:06:35	D	3.70
14	ASHOKNAGAR	MUNGAOLI	S-NPP	24.55960	78.05360	14:06:35	D	3.40
15	BETUL	BETUL	S-NPP	22.09160	78.04420	14:06:35	D	2.00
16	BHIND	LAHAR	AQUA	26.01700	78.82300	13:26:16	D	14.00
17	BHOPAL	HUZUR	S-NPP	23.09270	77.45630	14:06:35	D	1.40
18	BHOPAL	HUZUR	S-NPP	23.09990	77.42020	14:06:35	D	1.90
19	CHHINDWARA	AMARWARA	S-NPP	22.31250	79.24790	14:06:35	D	2.50
20	CHHINDWARA	AMARWARA	S-NPP	22.33540	79.25700	14:06:35	D	10.00
21	CHHINDWARA	CHAURAI	S-NPP	22.11690	79.34870	14:06:35	D	5.60
22	DAMOH	JABERA	S-NPP	23.57590	79.81510	14:06:35	D	3.30
23	DATIA	BHANDER	S-NPP	25.92260	78.73870	14:06:35	D	4.20
24	DATIA	SEONDHA	S-NPP	26.01100	78.75350	14:06:35	D	2.60
25	DATIA	SEONDHA	AQUA	25.81300	78.51000	13:26:16	D	7.00
26	GUNA	GUNA	S-NPP	24.61090	77.45480	14:06:35	D	2.40
27	GUNA	GUNA	S-NPP	24.61330	77.45420	14:06:35	D	1.50
28	GUNA	GUNA	S-NPP	24.75870	76.88850	14:06:35	D	5.60
29	GUNA	GUNA	S-NPP	24.80070	77.46360	14:06:35	D	1.80

30	GUNA	GUNA	S-NPP	24.88690	77.12850	14:06:35	D	2.30
31	GUNA	GUNA	S-NPP	24.89570	77.12240	14:06:35	D	1.80
32	GUNA	RAGHOGARH	S-NPP	24.48290	77.14600	01:17:00	N	3.80
33	GUNA	RAGHOGARH	S-NPP	24.48330	77.14070	01:17:00	N	4.20
34	GUNA	RAGHOGARH	S-NPP	24.48340	77.14440	01:17:00	N	5.00
35	GUNA	RAGHOGARH	S-NPP	24.48380	77.14670	02:57:17	N	1.40
36	GWALIOR	BHITARWAR	S-NPP	25.75990	78.05850	14:06:35	D	3.80
37	GWALIOR	BHITARWAR	S-NPP	25.81530	78.10870	14:06:35	D	3.70
38	GWALIOR	BHITARWAR	S-NPP	25.81700	78.10780	14:06:35	D	3.70
39	GWALIOR	BHITARWAR	S-NPP	25.84880	78.07500	14:06:35	D	4.30
40	GWALIOR	BHITARWAR	S-NPP	25.88110	78.05070	14:06:35	D	6.50
41	GWALIOR	BHITARWAR	S-NPP	25.90650	78.08250	14:06:35	D	4.20
42	GWALIOR	BHITARWAR	S-NPP	25.91940	78.17140	14:06:35	D	4.60
43	GWALIOR	BHITARWAR	S-NPP	25.92060	78.11540	14:06:35	D	5.40
44	GWALIOR	BHITARWAR	S-NPP	25.92270	78.11340	14:06:35	D	4.00
45	GWALIOR	BHITARWAR	S-NPP	25.92590	78.15610	14:06:35	D	4.70
46	GWALIOR	BHITARWAR	S-NPP	25.92600	78.08030	12:27:00	D	6.80
47	GWALIOR	BHITARWAR	S-NPP	25.92980	78.15750	14:06:35	D	6.30
48	GWALIOR	BHITARWAR	S-NPP	25.96650	78.16090	14:06:35	D	1.90
49	GWALIOR	BHITARWAR	AQUA	25.83300	78.02900	13:26:16	D	11.80
50	GWALIOR	BHITARWAR	AQUA	25.84100	78.13500	13:26:16	D	11.20
51	GWALIOR	BHITARWAR	AQUA	25.84300	78.14700	13:26:16	D	9.90
52	GWALIOR	DABRA	S-NPP	25.88560	78.16960	12:27:00	D	5.60
53	GWALIOR	DABRA	S-NPP	25.88930	78.17080	12:27:00	D	6.10
54	GWALIOR	DABRA	S-NPP	25.91020	78.27230	14:06:35	D	5.10
55	GWALIOR	DABRA	S-NPP	25.91600	78.27180	14:06:35	D	5.10
56	GWALIOR	DABRA	S-NPP	25.92100	78.26260	14:06:35	D	3.50
57	GWALIOR	DABRA	S-NPP	25.92670	78.26200	14:06:35	D	3.50
58	GWALIOR	DABRA	S-NPP	25.92810	78.27950	14:06:35	D	5.90
59	GWALIOR	DABRA	AQUA	25.92400	78.25600	13:26:16	D	15.80
60	GWALIOR	DABRA	AQUA	25.92500	78.26200	13:26:16	D	11.10
61	HOSHANGABAD	BABAI	S-NPP	22.69180	77.95760	12:27:00	D	4.40
62	HOSHANGABAD	BABAI	S-NPP	22.79120	77.85560	14:06:35	D	5.30

63	HOSHANGABAD	BABAI	S-NPP	22.81930	77.86380	14:06:35	D	3.80
64	HOSHANGABAD	BABAI	AQUA	22.69800	77.98300	13:26:16	D	13.40
65	HOSHANGABAD	BABAI	AQUA	22.71300	77.87400	13:26:16	D	13.70
66	HOSHANGABAD	BABAI	AQUA	22.71700	77.88200	13:26:16	D	13.00
67	HOSHANGABAD	BABAI	AQUA	22.79100	77.85100	13:26:16	D	33.30
68	HOSHANGABAD	BABAI	AQUA	22.79300	77.86600	13:26:16	D	13.80
69	HOSHANGABAD	BABAI	AQUA	22.79600	77.88000	13:26:16	D	19.30
70	HOSHANGABAD	BABAI	AQUA	22.79700	77.87500	13:26:16	D	15.50
71	HOSHANGABAD	HOSHANGABAD	AQUA	22.64300	77.73400	13:26:16	D	23.20
72	HOSHANGABAD	HOSHANGABAD	AQUA	22.64400	77.60700	13:26:16	D	14.30
73	HOSHANGABAD	HOSHANGABAD	AQUA	22.69700	77.78500	13:26:16	D	23.50
74	HOSHANGABAD	ITARSI	AQUA	22.61900	77.92900	13:26:16	D	17.80
75	HOSHANGABAD	ITARSI	AQUA	22.62000	77.92300	13:26:16	D	14.30
76	HOSHANGABAD	ITARSI	AQUA	22.64500	77.81100	13:26:16	D	21.00
77	HOSHANGABAD	PIPARIYA	S-NPP	22.74160	78.41290	14:06:35	D	5.80
78	HOSHANGABAD	PIPARIYA	AQUA	22.71200	78.40800	13:26:16	D	10.80
79	HOSHANGABAD	SEONI MALWA	AQUA	22.51500	77.46200	13:26:16	D	14.10
80	JABALPUR	JABALPUR	S-NPP	22.92380	79.83940	14:06:35	D	2.70
81	JABALPUR	JABALPUR	S-NPP	22.92390	79.84260	14:06:35	D	3.50
82	JABALPUR	JABALPUR	S-NPP	23.26550	79.87490	14:06:35	D	3.10
83	JABALPUR	JABALPUR	S-NPP	23.37910	79.94460	12:27:00	D	6.60
84	JABALPUR	JABALPUR	AQUA	23.06600	80.01500	13:26:16	D	7.40
85	JABALPUR	JABALPUR	AQUA	23.21400	80.08800	13:26:16	D	12.20
86	JABALPUR	JABALPUR	AQUA	23.23100	79.94900	13:26:16	D	8.30
87	JABALPUR	KUNDAM	AQUA	23.33400	80.25900	13:26:16	D	6.80
88	JABALPUR	MAJHOULI	AQUA	23.42700	80.02400	13:26:16	D	5.00
89	JABALPUR	PATAN	AQUA	23.24600	79.70800	13:26:16	D	14.20
90	JABALPUR	SAHPURA	S-NPP	23.17950	79.72040	14:06:35	D	11.90
91	JABALPUR	SIHORA	S-NPP	23.37030	80.29170	14:06:35	D	3.90
92	JABALPUR	SIHORA	S-NPP	23.37510	80.12010	12:27:00	D	2.70
93	JABALPUR	SIHORA	S-NPP	23.39850	80.07590	14:06:35	D	3.40
94	KATNI	MURBARA	S-NPP	23.69310	80.33120	14:06:35	D	7.00
95	KATNI	RITHI	S-NPP	23.71250	80.24770	14:06:35	D	3.90

96	KATNI	RITHI	AQUA	23.88700	80.00600	13:26:16	D	6.50
97	MANDLA	NAINPUR	S-NPP	22.42290	80.12410	12:27:00	D	3.20
98	MANDLA	NAINPUR	S-NPP	22.43060	80.12710	14:06:35	D	3.60
99	MANDLA	NAINPUR	S-NPP	22.43520	80.12500	14:06:35	D	3.60
100	MANDLA	NAINPUR	S-NPP	22.43950	80.18110	14:06:35	D	12.40
101	MANDLA	NAINPUR	S-NPP	22.44150	80.18250	14:06:35	D	10.90
102	MANDLA	NAINPUR	S-NPP	22.44490	80.13050	12:27:00	D	2.80
103	MORENA	KAILARAS	AQUA	26.27700	77.50700	13:26:16	D	8.80
104	NARSHIMAPURA	GADARWARA	AQUA	22.91900	78.60300	13:26:16	D	8.50
105	NARSHIMAPURA	GOTECAON	S-NPP	23.08270	79.60000	14:06:35	D	1.80
106	RAISEN	GOHARGANJ	S-NPP	23.06550	77.50890	14:06:35	D	3.00
107	RAISEN	GOHARGANJ	S-NPP	23.07250	77.46910	14:06:35	D	2.10
108	RAISEN	GOHARGANJ	S-NPP	23.11260	77.55400	14:06:35	D	2.00
109	RAISEN	RAISEN	S-NPP	23.24760	77.74560	14:06:35	D	5.00
110	SAGAR	REHLI	S-NPP	23.57090	78.93920	01:17:00	N	0.30
111	SATNA	AMARPATAN	AQUA	24.47300	81.11200	13:26:16	D	4.90
112	SATNA	RAMPURBAGHLEAN	AQUA	24.63200	81.00900	13:26:16	D	6.40
113	SEHORE	BUDHNI	S-NPP	22.79320	77.92620	12:27:00	D	5.30
114	SEONI	GHANSAUR	S-NPP	22.39890	79.82800	14:06:35	D	5.80
115	SEONI	GHANSAUR	S-NPP	22.39930	79.82600	14:06:35	D	5.30
116	SEONI	GHANSAUR	S-NPP	22.40600	79.75670	14:06:35	D	2.70
117	SEONI	GHANSAUR	S-NPP	22.42040	79.86540	12:27:00	D	11.20
118	SEONI	GHANSAUR	S-NPP	22.42080	79.86130	12:27:00	D	6.80
119	SEONI	GHANSAUR	S-NPP	22.42230	79.86740	12:27:00	D	10.90
120	SEONI	GHANSAUR	S-NPP	22.43400	79.66760	12:27:00	D	6.00
121	SEONI	GHANSAUR	S-NPP	22.54150	79.83430	12:27:00	D	7.30
122	SEONI	GHANSAUR	S-NPP	22.57470	79.78520	14:06:35	D	2.60
123	SEONI	GHANSAUR	S-NPP	22.60770	79.96860	14:06:35	D	6.80
124	SEONI	GHANSAUR	S-NPP	22.60840	79.96770	14:06:35	D	5.00
125	SEONI	GHANSAUR	S-NPP	22.61230	79.94790	14:06:35	D	6.10
126	SEONI	GHANSAUR	S-NPP	22.61280	79.94700	14:06:35	D	4.30
127	SEONI	KEWLARI	S-NPP	22.28540	79.87530	14:06:35	D	6.90
128	SEONI	KEWLARI	S-NPP	22.28580	79.88020	14:06:35	D	6.90

129	SEONI	KEWLARI	S-NPP	22.28640	79.87740	14:06:35	D	22.90
130	SEONI	KEWLARI	S-NPP	22.29080	79.79630	14:06:35	D	16.30
131	SEONI	KEWLARI	S-NPP	22.29190	79.87970	14:06:35	D	6.90
132	SEONI	KEWLARI	S-NPP	22.29240	79.79810	14:06:35	D	14.00
133	SEONI	KEWLARI	S-NPP	22.30200	79.85420	14:06:35	D	2.30
134	SEONI	KEWLARI	S-NPP	22.30280	79.85120	14:06:35	D	3.50
135	SEONI	KEWLARI	S-NPP	22.32340	79.87900	14:06:35	D	2.40
136	SEONI	KEWLARI	S-NPP	22.32840	79.78970	14:06:35	D	5.50
137	SEONI	KEWLARI	S-NPP	22.35020	79.98120	14:06:35	D	4.40
138	SEONI	KEWLARI	S-NPP	22.35860	79.83330	12:27:00	D	4.80
139	SEONI	KEWLARI	S-NPP	22.36690	79.88510	14:06:35	D	3.40
140	SEONI	KEWLARI	S-NPP	22.37150	79.93970	14:06:35	D	6.10
141	SEONI	KEWLARI	S-NPP	22.37350	79.95020	12:27:00	D	3.10
142	SEONI	KEWLARI	S-NPP	22.37990	79.94850	12:27:00	D	3.10
143	SEONI	KEWLARI	S-NPP	22.38660	79.97340	14:06:35	D	3.10
144	SEONI	KEWLARI	S-NPP	22.41340	79.92550	14:06:35	D	4.10
145	SEONI	KEWLARI	S-NPP	22.42650	80.05500	12:27:00	D	2.70
146	SEONI	KEWLARI	S-NPP	22.44240	79.98150	14:06:35	D	5.90
147	SEONI	KEWLARI	S-NPP	22.44360	80.07320	14:06:35	D	7.50
148	SEONI	KEWLARI	S-NPP	22.44660	80.02470	12:27:00	D	3.80
149	SEONI	KEWLARI	S-NPP	22.45590	79.99530	14:06:35	D	3.00
150	SEONI	KEWLARI	AQUA	22.29600	79.81800	13:26:16	D	12.20
151	SEONI	KEWLARI	AQUA	22.34000	79.94300	13:26:16	D	6.50
152	SEONI	KEWLARI	AQUA	22.34600	79.86000	13:26:16	D	9.80
153	SEONI	KEWLARI	AQUA	22.37800	79.93600	13:26:16	D	11.40
154	SEONI	KEWLARI	AQUA	22.40800	80.00000	13:26:16	D	7.90
155	SEONI	KEWLARI	AQUA	22.41000	80.01100	13:26:16	D	18.40
156	SEONI	KEWLARI	AQUA	22.42000	80.07800	13:26:16	D	6.20
157	SEONI	KEWLARI	AQUA	22.44200	80.06800	13:26:16	D	12.70
158	SEONI	LAKHNADOU	S-NPP	22.36870	79.67520	12:27:00	D	8.50
159	SEONI	LAKHNADOU	S-NPP	22.37500	79.52390	14:06:35	D	3.90
160	SEONI	LAKHNADOU	S-NPP	22.39020	79.48950	14:06:35	D	5.90
161	SEONI	LAKHNADOU	S-NPP	22.40460	79.66440	14:06:35	D	5.00

162	SEONI	LAKHNADOU	S-NPP	22.41100	79.66850	14:06:35	D	5.00
163	SEONI	LAKHNADOU	S-NPP	22.42230	79.65800	14:06:35	D	5.90
164	SEONI	LAKHNADOU	S-NPP	22.50360	79.48440	12:27:00	D	7.80
165	SEONI	LAKHNADOU	S-NPP	22.51790	79.46840	14:06:35	D	1.70
166	SEONI	LAKHNADOU	S-NPP	22.53290	79.56020	12:27:00	D	6.70
167	SEONI	SEONI	S-NPP	21.98990	79.58030	14:06:35	D	4.60
168	SEONI	SEONI	S-NPP	21.99240	79.46890	14:06:35	D	2.60
169	SEONI	SEONI	S-NPP	22.04360	79.53960	14:06:35	D	7.70
170	SEONI	SEONI	S-NPP	22.04390	79.54420	14:06:35	D	7.70
171	SEONI	SEONI	S-NPP	22.04670	79.54280	14:06:35	D	6.20
172	SEONI	SEONI	S-NPP	22.05400	79.52010	14:06:35	D	4.70
173	SEONI	SEONI	S-NPP	22.07300	79.41260	12:27:00	D	2.60
174	SEONI	SEONI	S-NPP	22.09840	79.47900	14:06:35	D	2.30
175	SEONI	SEONI	S-NPP	22.11620	79.47740	14:06:35	D	4.30
176	SEONI	SEONI	S-NPP	22.14750	79.49300	14:06:35	D	6.00
177	SEONI	SEONI	S-NPP	22.20410	79.70650	14:06:35	D	3.80
178	SEONI	SEONI	S-NPP	22.21060	79.35730	14:06:35	D	4.20
179	SEONI	SEONI	S-NPP	22.23020	79.72850	14:06:35	D	4.40
180	SEONI	SEONI	S-NPP	22.25330	79.57270	14:06:35	D	4.90
181	SEONI	SEONI	S-NPP	22.26170	79.81330	14:06:35	D	6.60
182	SEONI	SEONI	S-NPP	22.28620	79.74300	14:06:35	D	2.00
183	SEONI	SEONI	S-NPP	22.30670	79.77940	12:27:00	D	7.50
184	SEONI	SEONI	S-NPP	22.31120	79.78230	12:27:00	D	5.10
185	SEONI	SEONI	AQUA	22.09800	79.41300	13:26:16	D	14.00
186	SEONI	SEONI	AQUA	22.15200	79.49600	13:26:16	D	7.10
187	SEONI	SEONI	AQUA	22.20400	79.49900	13:26:16	D	7.30
188	SEONI	SEONI	AQUA	22.24200	79.79300	13:26:16	D	13.20
189	SEONI	SEONI	AQUA	22.25700	79.57400	13:26:16	D	9.00
190	SHEOPUR	KARAHAL	S-NPP	25.39650	76.80240	14:06:35	D	2.00
191	SHEOPUR	KARAHAL	S-NPP	25.40640	76.80400	14:06:35	D	6.50
192	SHEOPUR	KARAHAL	S-NPP	25.40730	76.80470	14:06:35	D	5.40
193	SHEOPUR	KARAHAL	S-NPP	25.46600	76.69910	14:06:35	D	7.90
194	SHEOPUR	KARAHAL	S-NPP	25.46640	76.70250	14:06:35	D	8.80

195	SHEOPUR	KARAHAL	S-NPP	25.50090	76.73130	14:06:35	D	2.50
196	SHEOPUR	KARAHAL	S-NPP	25.50190	76.74680	14:06:35	D	5.30
197	SHEOPUR	KARAHAL	S-NPP	25.50210	76.74490	14:06:35	D	5.30
198	SHEOPUR	KARAHAL	S-NPP	25.52310	76.74610	14:06:35	D	4.70
199	SHEOPUR	KARAHAL	AQUA	25.50100	76.74000	13:26:16	D	14.10
200	SHEOPUR	SHEOPUR	S-NPP	25.39770	76.63490	14:06:35	D	3.00
201	SHEOPUR	SHEOPUR	S-NPP	25.40180	76.68200	14:06:35	D	1.40
202	SHEOPUR	SHEOPUR	S-NPP	25.40700	76.68150	14:06:35	D	8.40
203	SHEOPUR	SHEOPUR	S-NPP	25.41140	76.61320	14:06:35	D	3.80
204	SHEOPUR	SHEOPUR	S-NPP	25.41170	76.61650	14:06:35	D	3.80
205	SHEOPUR	SHEOPUR	S-NPP	25.42340	76.69000	14:06:35	D	3.10
206	SHEOPUR	SHEOPUR	S-NPP	25.42370	76.69340	14:06:35	D	4.60
207	SHEOPUR	SHEOPUR	S-NPP	25.42770	76.62160	14:06:35	D	6.00
208	SHEOPUR	SHEOPUR	S-NPP	25.42800	76.62490	14:06:35	D	5.30
209	SHEOPUR	SHEOPUR	S-NPP	25.42950	76.64170	14:06:35	D	3.80
210	SHEOPUR	SHEOPUR	S-NPP	25.42980	76.64510	14:06:35	D	5.90
211	SHEOPUR	SHEOPUR	S-NPP	25.43320	76.62440	14:06:35	D	2.80
212	SHEOPUR	SHEOPUR	S-NPP	25.43500	76.64450	14:06:35	D	3.20
213	SHEOPUR	SHEOPUR	S-NPP	25.44920	76.62950	14:06:35	D	10.20
214	SHEOPUR	SHEOPUR	S-NPP	25.45290	76.66990	14:06:35	D	2.30
215	SHEOPUR	SHEOPUR	S-NPP	25.46150	76.70650	14:06:35	D	8.80
216	SHEOPUR	SHEOPUR	S-NPP	25.46500	76.63120	14:06:35	D	2.10
217	SHEOPUR	SHEOPUR	S-NPP	25.46940	76.67830	14:06:35	D	2.30
218	SHEOPUR	SHEOPUR	S-NPP	25.48110	76.63630	14:06:35	D	3.40
219	SHEOPUR	SHEOPUR	S-NPP	25.48320	76.60230	14:06:35	D	3.20
220	SHEOPUR	SHEOPUR	S-NPP	25.48430	76.60010	14:06:35	D	1.70
221	SHEOPUR	SHEOPUR	S-NPP	25.48980	76.67290	14:06:35	D	2.50
222	SHEOPUR	SHEOPUR	S-NPP	25.49040	76.67080	14:06:35	D	2.30
223	SHEOPUR	SHEOPUR	S-NPP	25.49270	76.64870	14:06:35	D	9.70
224	SHEOPUR	SHEOPUR	S-NPP	25.49360	76.64660	14:06:35	D	8.00
225	SHEOPUR	SHEOPUR	S-NPP	25.49390	76.65000	14:06:35	D	7.80
226	SHEOPUR	SHEOPUR	S-NPP	25.49570	76.55180	14:06:35	D	1.20
227	SHEOPUR	SHEOPUR	S-NPP	25.50620	76.68130	14:06:35	D	2.80

228	SHEOPUR	SHEOPUR	S-NPP	25.50680	76.56060	14:06:35	D	3.00
229	SHEOPUR	SHEOPUR	S-NPP	25.50710	76.68260	14:06:35	D	2.70
230	SHEOPUR	SHEOPUR	S-NPP	25.50930	76.64840	14:06:35	D	2.40
231	SHEOPUR	SHEOPUR	S-NPP	25.51170	76.55670	14:06:35	D	4.50
232	SHEOPUR	SHEOPUR	S-NPP	25.51200	76.74240	14:06:35	D	1.90
233	SHEOPUR	SHEOPUR	S-NPP	25.51240	76.74380	14:06:35	D	2.50
234	SHEOPUR	SHEOPUR	S-NPP	25.51320	76.69230	14:06:35	D	9.70
235	SHEOPUR	SHEOPUR	S-NPP	25.51380	76.69910	14:06:35	D	4.70
236	SHEOPUR	SHEOPUR	S-NPP	25.52210	76.67430	14:06:35	D	2.70
237	SHEOPUR	SHEOPUR	S-NPP	25.52740	76.55850	14:06:35	D	1.10
238	SHEOPUR	SHEOPUR	S-NPP	25.53130	76.54460	14:06:35	D	3.40
239	SHEOPUR	SHEOPUR	S-NPP	25.53640	76.54410	14:06:35	D	3.40
240	SHEOPUR	SHEOPUR	S-NPP	25.54060	76.70650	14:06:35	D	8.50
241	SHEOPUR	SHEOPUR	S-NPP	25.54180	76.72010	14:06:35	D	4.30
242	SHEOPUR	SHEOPUR	S-NPP	25.54220	76.60740	14:06:35	D	3.60
243	SHEOPUR	SHEOPUR	S-NPP	25.54580	76.70600	14:06:35	D	5.80
244	SHEOPUR	SHEOPUR	S-NPP	25.54700	76.60350	14:06:35	D	4.70
245	SHEOPUR	SHEOPUR	S-NPP	25.54730	76.60680	14:06:35	D	4.70
246	SHEOPUR	SHEOPUR	S-NPP	25.54820	76.61690	14:06:35	D	7.80
247	SHEOPUR	SHEOPUR	S-NPP	25.54850	76.56300	14:06:35	D	2.10
248	SHEOPUR	SHEOPUR	S-NPP	25.54880	76.56630	14:06:35	D	2.10
249	SHEOPUR	SHEOPUR	S-NPP	25.55340	76.61630	14:06:35	D	7.80
250	SHEOPUR	SHEOPUR	S-NPP	25.56690	76.70730	14:06:35	D	9.20
251	SHEOPUR	SHEOPUR	S-NPP	25.56930	76.73460	14:06:35	D	7.00
252	SHEOPUR	SHEOPUR	S-NPP	25.57390	76.72720	14:06:35	D	10.40
253	SHEOPUR	SHEOPUR	S-NPP	25.57410	76.67210	14:06:35	D	4.00
254	SHEOPUR	SHEOPUR	S-NPP	25.57420	76.73060	14:06:35	D	7.00
255	SHEOPUR	SHEOPUR	S-NPP	25.57460	76.73400	14:06:35	D	7.00
256	SHEOPUR	SHEOPUR	S-NPP	25.57720	76.53650	14:06:35	D	7.00
257	SHEOPUR	SHEOPUR	S-NPP	25.57910	76.72670	14:06:35	D	10.30
258	SHEOPUR	SHEOPUR	S-NPP	25.57930	76.67150	14:06:35	D	4.00
259	SHEOPUR	SHEOPUR	S-NPP	25.57940	76.73010	14:06:35	D	9.60
260	SHEOPUR	SHEOPUR	S-NPP	25.58180	76.69890	14:06:35	D	23.40

261	SHEOPUR	SHEOPUR	S-NPP	25.58210	76.70230	14:06:35	D	22.90
262	SHEOPUR	SHEOPUR	S-NPP	25.58250	76.59300	14:06:35	D	7.00
263	SHEOPUR	SHEOPUR	S-NPP	25.58440	76.61310	14:06:35	D	4.30
264	SHEOPUR	SHEOPUR	S-NPP	25.58630	76.55750	14:06:35	D	4.10
265	SHEOPUR	SHEOPUR	S-NPP	25.58700	76.69830	14:06:35	D	9.20
266	SHEOPUR	SHEOPUR	S-NPP	25.58790	76.59580	14:06:35	D	3.30
267	SHEOPUR	SHEOPUR	S-NPP	25.58870	76.54870	14:06:35	D	5.40
268	SHEOPUR	SHEOPUR	S-NPP	25.58970	76.55860	14:06:35	D	4.20
269	SHEOPUR	SHEOPUR	S-NPP	25.59060	76.54700	14:06:35	D	6.00
270	SHEOPUR	SHEOPUR	S-NPP	25.59160	76.69100	14:06:35	D	11.20
271	SHEOPUR	SHEOPUR	S-NPP	25.60160	76.68650	14:06:35	D	3.60
272	SHEOPUR	SHEOPUR	S-NPP	25.60190	76.61670	14:06:35	D	5.30
273	SHEOPUR	SHEOPUR	S-NPP	25.60190	76.68990	14:06:35	D	3.60
274	SHEOPUR	SHEOPUR	S-NPP	25.60260	76.68510	14:06:35	D	4.20
275	SHEOPUR	SHEOPUR	S-NPP	25.60290	76.68850	14:06:35	D	4.20
276	SHEOPUR	SHEOPUR	S-NPP	25.60330	76.64850	14:06:35	D	2.20
277	SHEOPUR	SHEOPUR	S-NPP	25.60450	76.64710	14:06:35	D	1.70
278	SHEOPUR	SHEOPUR	S-NPP	25.60560	76.61770	14:06:35	D	9.20
279	SHEOPUR	SHEOPUR	S-NPP	25.60700	76.61620	14:06:35	D	5.30
280	SHEOPUR	SHEOPUR	S-NPP	25.61030	76.53480	14:06:35	D	3.90
281	SHEOPUR	SHEOPUR	S-NPP	25.61060	76.53810	14:06:35	D	3.90
282	SHEOPUR	SHEOPUR	S-NPP	25.62380	76.57050	14:06:35	D	4.80
283	SHEOPUR	SHEOPUR	S-NPP	25.64380	76.61910	14:06:35	D	4.00
284	SHEOPUR	SHEOPUR	S-NPP	25.64810	76.60850	14:06:35	D	1.60
285	SHEOPUR	SHEOPUR	S-NPP	25.66050	76.57340	14:06:35	D	2.30
286	SHEOPUR	SHEOPUR	S-NPP	25.66330	76.72030	14:06:35	D	2.90
287	SHEOPUR	SHEOPUR	S-NPP	25.67920	76.55110	14:06:35	D	2.70
288	SHEOPUR	SHEOPUR	S-NPP	25.67950	76.55450	14:06:35	D	4.90
289	SHEOPUR	SHEOPUR	S-NPP	25.68110	76.57120	14:06:35	D	3.00
290	SHEOPUR	SHEOPUR	S-NPP	25.68140	76.57460	14:06:35	D	3.50
291	SHEOPUR	SHEOPUR	S-NPP	25.69290	76.70000	14:06:35	D	4.90
292	SHEOPUR	SHEOPUR	S-NPP	25.69790	76.52890	14:06:35	D	5.90
293	SHEOPUR	SHEOPUR	S-NPP	25.69820	76.53230	14:06:35	D	13.40

294	SHEOPUR	SHEOPUR	S-NPP	25.69960	76.52980	14:06:35	D	6.50
295	SHEOPUR	SHEOPUR	S-NPP	25.69990	76.53320	14:06:35	D	6.50
296	SHEOPUR	SHEOPUR	S-NPP	25.70330	76.69890	14:06:35	D	3.50
297	SHEOPUR	SHEOPUR	S-NPP	25.70360	76.69670	14:06:35	D	2.70
298	SHEOPUR	SHEOPUR	S-NPP	25.70390	76.59250	14:06:35	D	4.40
299	SHEOPUR	SHEOPUR	S-NPP	25.70420	76.59590	14:06:35	D	4.40
300	SHEOPUR	SHEOPUR	S-NPP	25.70450	76.59930	14:06:35	D	10.20
301	SHEOPUR	SHEOPUR	S-NPP	25.70510	76.59350	14:06:35	D	6.70
302	SHEOPUR	SHEOPUR	S-NPP	25.70540	76.59690	14:06:35	D	8.20
303	SHEOPUR	SHEOPUR	S-NPP	25.70910	76.59200	14:06:35	D	4.40
304	SHEOPUR	SHEOPUR	S-NPP	25.70940	76.59540	14:06:35	D	4.40
305	SHEOPUR	SHEOPUR	S-NPP	25.70950	76.70870	14:06:35	D	7.10
306	SHEOPUR	SHEOPUR	S-NPP	25.70960	76.70650	14:06:35	D	4.60
307	SHEOPUR	SHEOPUR	S-NPP	25.70990	76.71000	14:06:35	D	4.60
308	SHEOPUR	SHEOPUR	S-NPP	25.71030	76.59300	14:06:35	D	6.70
309	SHEOPUR	SHEOPUR	S-NPP	25.71060	76.59640	14:06:35	D	8.20
310	SHEOPUR	SHEOPUR	S-NPP	25.71120	76.67060	14:06:35	D	3.50
311	SHEOPUR	SHEOPUR	S-NPP	25.71160	76.66840	14:06:35	D	2.10
312	SHEOPUR	SHEOPUR	S-NPP	25.71270	76.50170	14:06:35	D	4.20
313	SHEOPUR	SHEOPUR	S-NPP	25.71340	76.56900	14:06:35	D	4.80
314	SHEOPUR	SHEOPUR	S-NPP	25.71440	76.70470	14:06:35	D	2.80
315	SHEOPUR	SHEOPUR	S-NPP	25.71520	76.58920	14:06:35	D	13.30
316	SHEOPUR	SHEOPUR	S-NPP	25.71530	76.53170	14:06:35	D	4.60
317	SHEOPUR	SHEOPUR	S-NPP	25.71550	76.59250	14:06:35	D	13.30
318	SHEOPUR	SHEOPUR	S-NPP	25.71570	76.59590	14:06:35	D	12.90
319	SHEOPUR	SHEOPUR	S-NPP	25.71830	76.69050	14:06:35	D	4.40
320	SHEOPUR	SHEOPUR	S-NPP	25.71850	76.68830	14:06:35	D	2.80
321	SHEOPUR	SHEOPUR	S-NPP	25.71920	76.70080	14:06:35	D	2.80
322	SHEOPUR	SHEOPUR	S-NPP	25.71970	76.70200	14:06:35	D	5.20
323	SHEOPUR	SHEOPUR	S-NPP	25.72290	76.67750	14:06:35	D	5.40
324	SHEOPUR	SHEOPUR	S-NPP	25.72450	76.63600	14:06:35	D	2.30
325	SHEOPUR	SHEOPUR	S-NPP	25.72480	76.63940	14:06:35	D	2.30
326	SHEOPUR	SHEOPUR	S-NPP	25.75070	76.63670	14:06:35	D	4.00

327	SHEOPUR	SHEOPUR	S-NPP	25.75190	76.59210	14:06:35	D	9.00
328	SHEOPUR	SHEOPUR	S-NPP	25.75280	76.66060	14:06:35	D	1.90
329	SHEOPUR	SHEOPUR	S-NPP	25.75310	76.66410	14:06:35	D	1.90
330	SHEOPUR	SHEOPUR	S-NPP	25.75340	76.60890	14:06:35	D	3.80
331	SHEOPUR	SHEOPUR	S-NPP	25.76010	76.62530	14:06:35	D	3.80
332	SHEOPUR	SHEOPUR	S-NPP	25.76100	76.69440	14:06:35	D	3.60
333	SHEOPUR	SHEOPUR	S-NPP	25.76130	76.69780	14:06:35	D	3.60
334	SHEOPUR	SHEOPUR	S-NPP	25.76500	76.62140	14:06:35	D	1.50
335	SHEOPUR	SHEOPUR	S-NPP	25.76930	76.66930	14:06:35	D	2.00
336	SHEOPUR	SHEOPUR	S-NPP	25.77460	76.55580	14:06:35	D	5.70
337	SHEOPUR	SHEOPUR	S-NPP	25.77940	76.72360	14:06:35	D	6.70
338	SHEOPUR	SHEOPUR	S-NPP	25.78030	76.67500	14:06:35	D	1.50
339	SHEOPUR	SHEOPUR	S-NPP	25.78090	76.68190	14:06:35	D	2.40
340	SHEOPUR	SHEOPUR	S-NPP	25.78290	76.58890	14:06:35	D	3.40
341	SHEOPUR	SHEOPUR	S-NPP	25.78450	76.66420	14:06:35	D	2.70
342	SHEOPUR	SHEOPUR	S-NPP	25.79540	76.61150	14:06:35	D	1.80
343	SHEOPUR	SHEOPUR	S-NPP	25.80150	76.62120	14:06:35	D	5.80
344	SHEOPUR	SHEOPUR	S-NPP	25.80180	76.62460	14:06:35	D	5.80
345	SHEOPUR	SHEOPUR	S-NPP	25.80640	76.60050	14:06:35	D	4.50
346	SHEOPUR	SHEOPUR	S-NPP	25.80910	76.70330	14:06:35	D	3.70
347	SHEOPUR	SHEOPUR	S-NPP	25.80930	76.63450	14:06:35	D	1.20
348	SHEOPUR	SHEOPUR	S-NPP	25.81000	76.59980	14:06:35	D	4.90
349	SHEOPUR	SHEOPUR	S-NPP	25.81000	76.70370	14:06:35	D	3.60
350	SHEOPUR	SHEOPUR	S-NPP	25.81020	76.65810	14:06:35	D	8.00
351	SHEOPUR	SHEOPUR	S-NPP	25.81110	76.65500	14:06:35	D	4.60
352	SHEOPUR	SHEOPUR	S-NPP	25.81140	76.65840	14:06:35	D	4.60
353	SHEOPUR	SHEOPUR	S-NPP	25.81310	76.63370	14:06:35	D	6.30
354	SHEOPUR	SHEOPUR	S-NPP	25.81450	76.63400	14:06:35	D	5.20
355	SHEOPUR	SHEOPUR	S-NPP	25.81860	76.63660	14:06:35	D	6.30
356	SHEOPUR	SHEOPUR	S-NPP	25.82000	76.63690	14:06:35	D	5.20
357	SHEOPUR	SHEOPUR	S-NPP	25.82160	76.59550	14:06:35	D	3.90
358	SHEOPUR	SHEOPUR	S-NPP	25.84670	76.70330	14:06:35	D	3.30
359	SHEOPUR	SHEOPUR	S-NPP	25.84840	76.78340	14:06:35	D	4.20

360	SHEOPUR	SHEOPUR	S-NPP	25.85130	76.69580	14:06:35	D	4.80
361	SHEOPUR	SHEOPUR	S-NPP	25.85360	76.60260	14:06:35	D	2.30
362	SHEOPUR	SHEOPUR	S-NPP	25.85510	76.61960	14:06:35	D	7.00
363	SHEOPUR	SHEOPUR	S-NPP	25.85530	76.68150	14:06:35	D	2.70
364	SHEOPUR	SHEOPUR	S-NPP	25.85540	76.62300	14:06:35	D	8.30
365	SHEOPUR	SHEOPUR	S-NPP	25.85560	76.68500	14:06:35	D	3.30
366	SHEOPUR	SHEOPUR	S-NPP	25.85980	76.79280	14:06:35	D	5.10
367	SHEOPUR	SHEOPUR	S-NPP	25.86010	76.79630	14:06:35	D	9.70
368	SHEOPUR	SHEOPUR	S-NPP	25.86100	76.80680	14:06:35	D	3.90
369	SHEOPUR	SHEOPUR	S-NPP	25.88230	76.68940	14:06:35	D	1.50
370	SHEOPUR	SHEOPUR	S-NPP	25.88590	76.67160	14:06:35	D	3.00
371	SHEOPUR	SHEOPUR	S-NPP	25.89310	76.81060	14:06:35	D	4.40
372	SHEOPUR	SHEOPUR	S-NPP	25.93500	76.80660	14:06:35	D	2.60
373	SHEOPUR	SHEOPUR	S-NPP	25.93520	76.81200	14:06:35	D	5.50
374	SHEOPUR	SHEOPUR	S-NPP	25.93570	76.81350	14:06:35	D	3.80
375	SHEOPUR	SHEOPUR	S-NPP	25.93990	76.80470	14:06:35	D	5.30
376	SHEOPUR	SHEOPUR	S-NPP	25.94030	76.80620	14:06:35	D	2.60
377	SHEOPUR	SHEOPUR	AQUA	25.42500	76.64700	13:26:16	D	41.70
378	SHEOPUR	SHEOPUR	AQUA	25.46700	76.68100	13:26:16	D	23.10
379	SHEOPUR	SHEOPUR	AQUA	25.46700	76.68700	13:26:16	D	28.60
380	SHEOPUR	SHEOPUR	AQUA	25.50200	76.55500	13:26:16	D	31.20
381	SHEOPUR	SHEOPUR	AQUA	25.55600	76.72700	13:26:16	D	27.70
382	SHEOPUR	SHEOPUR	AQUA	25.55700	76.60500	13:26:16	D	27.50
383	SHEOPUR	SHEOPUR	AQUA	25.65200	76.67700	13:26:16	D	8.90
384	SHEOPUR	SHEOPUR	AQUA	25.69900	76.61700	13:26:16	D	16.10
385	SHEOPUR	SHEOPUR	AQUA	25.70200	76.69900	13:26:16	D	30.60
386	SHEOPUR	SHEOPUR	AQUA	25.74800	76.63300	13:26:16	D	27.50
387	SHEOPUR	SHEOPUR	AQUA	25.75900	76.69700	13:26:16	D	18.80
388	SHEOPUR	SHEOPUR	AQUA	25.81100	76.60200	13:26:16	D	22.70
389	SHEOPUR	SHEOPUR	AQUA	25.84700	76.60400	13:26:16	D	15.70
390	SHIVPURI	NARWAR	S-NPP	25.69200	78.02660	14:06:35	D	2.80
391	SHIVPURI	SHIVPURI	S-NPP	25.33730	77.62740	14:06:35	D	5.20
392	VIDESHA	LETERI	S-NPP	24.23160	77.47950	14:06:35	D	2.70

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

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

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

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GIS Maps of fire events can be visualized online on ICAR KRISHI Geoportal website: <http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

(Part of KRISHI Portal: <https://krishi.icar.gov.in> initiative)

and on IARI CREAMS website (<http://creams.iari.res.in/cms2/index.php>)
