

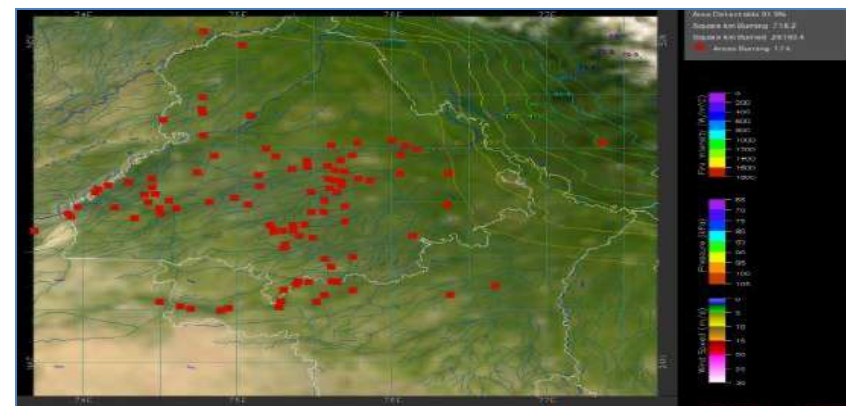


MONITORING PADDY RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2023

Bulletin
No. 60

Events Date:
13-Nov-2023

Issued on:
13-Nov-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

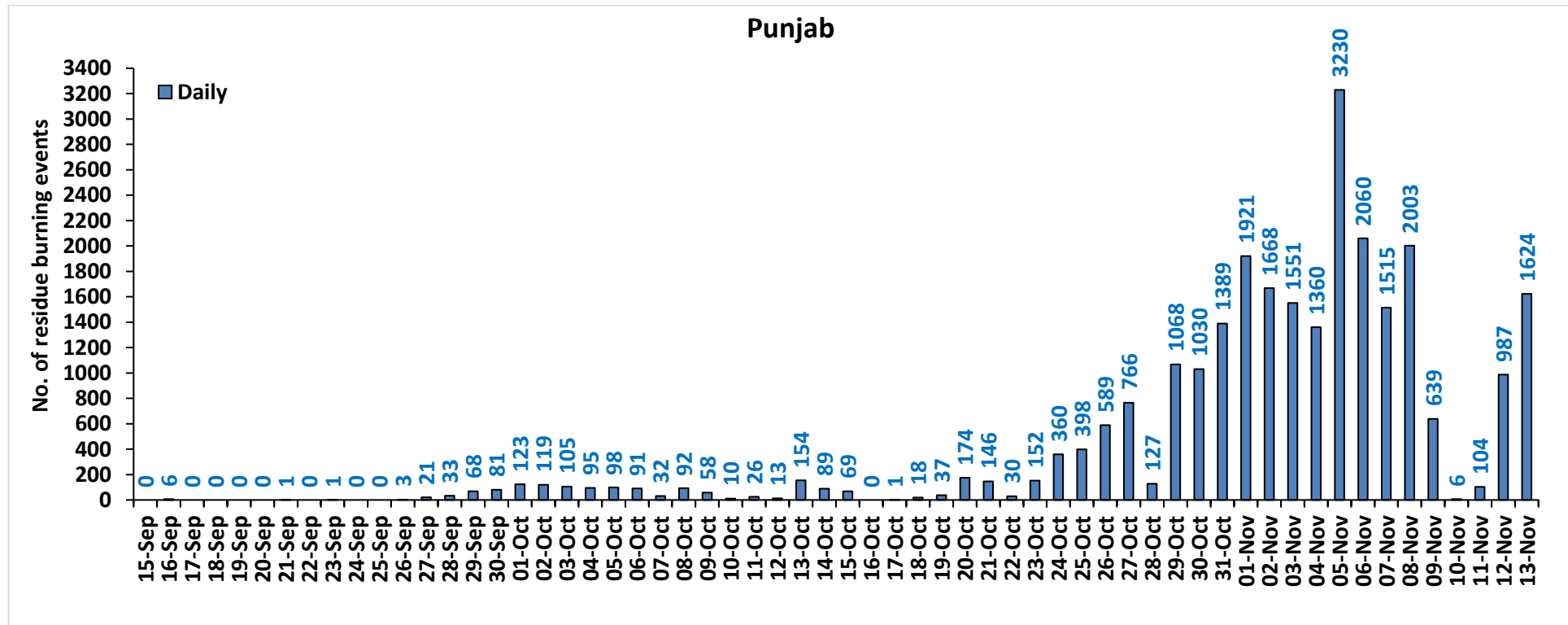
<http://creams.iari.res.in>



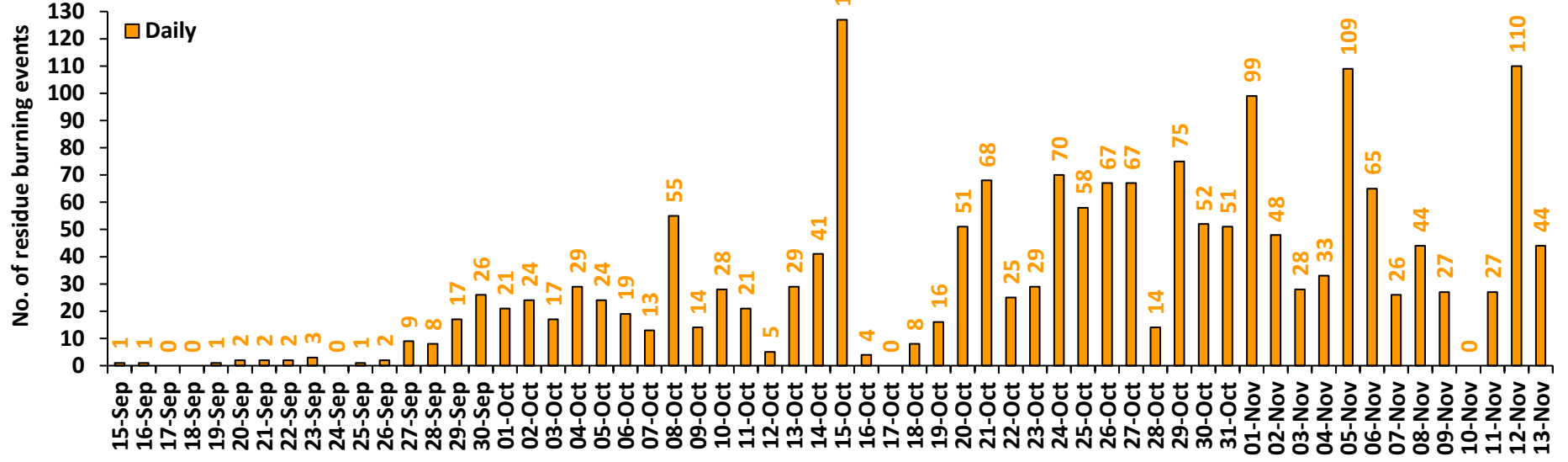
Highlights for 13-Nov-2023

- 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 **2048** residue burning events in the six study States on 13-Nov-2023.
- The state wise events detected on 13-Nov-2023 were **1624** in Punjab, **44** in Haryana, **176** in UP, **00** in Delhi, **60** in Rajasthan and **144** in MP.
- Total **40320** burning events were detected in the six states between 15-Sept-2023 and 13-Nov-2023, which are distributed as **26341**, **1857**, **1982**, **04**, **1313** and **8823** in Punjab, Haryana, UP, Delhi, Rajasthan and MP, respectively.

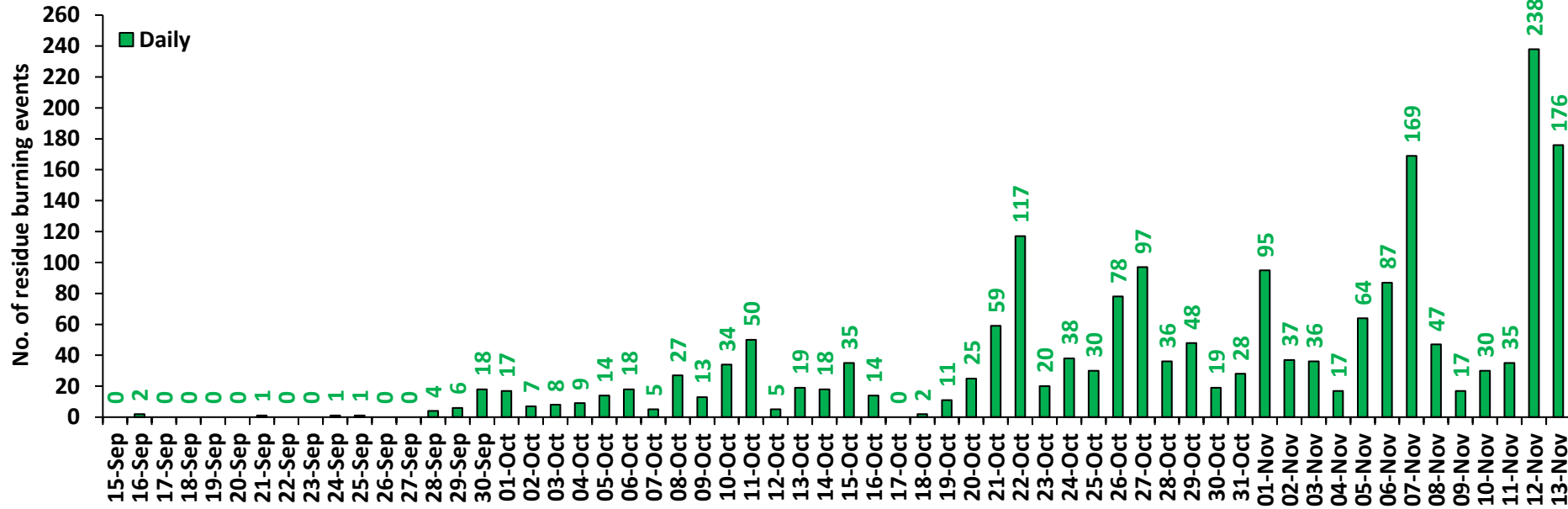
Temporal distribution of rice residue burning events for the study States in 2023



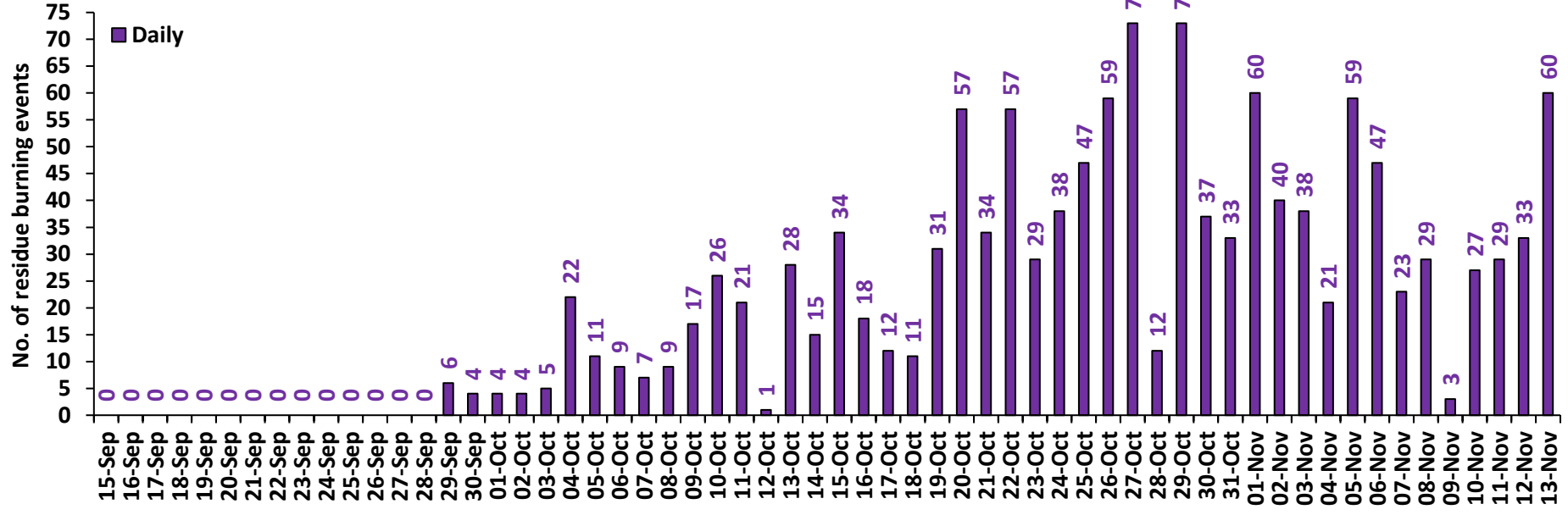
Haryana



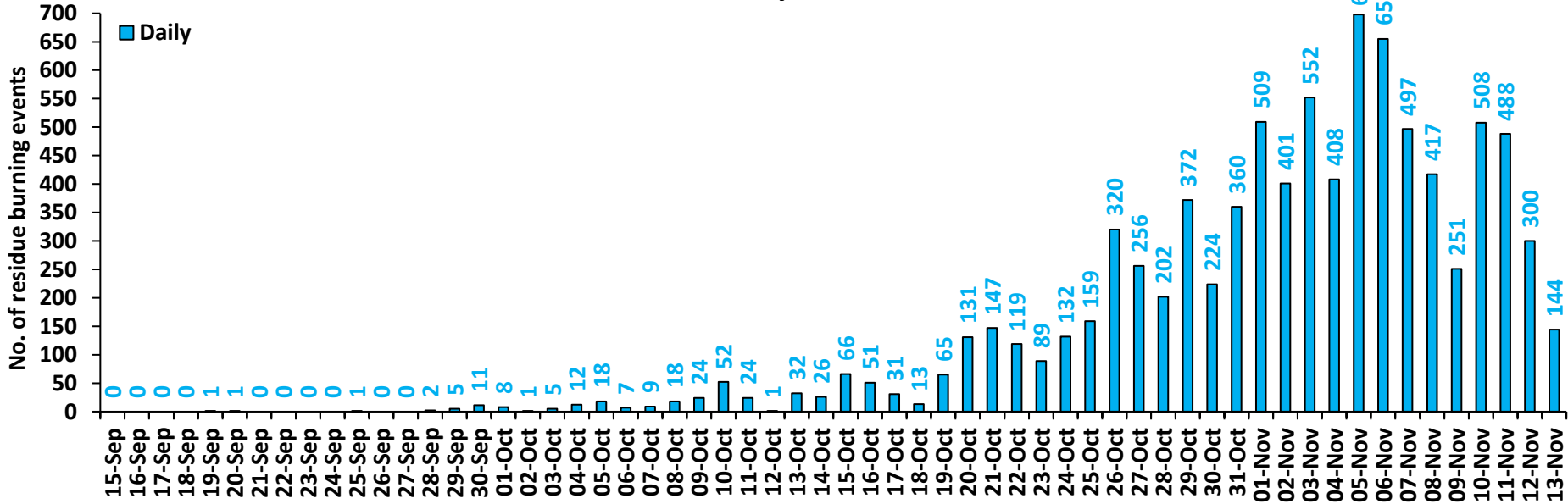
Uttar Pradesh



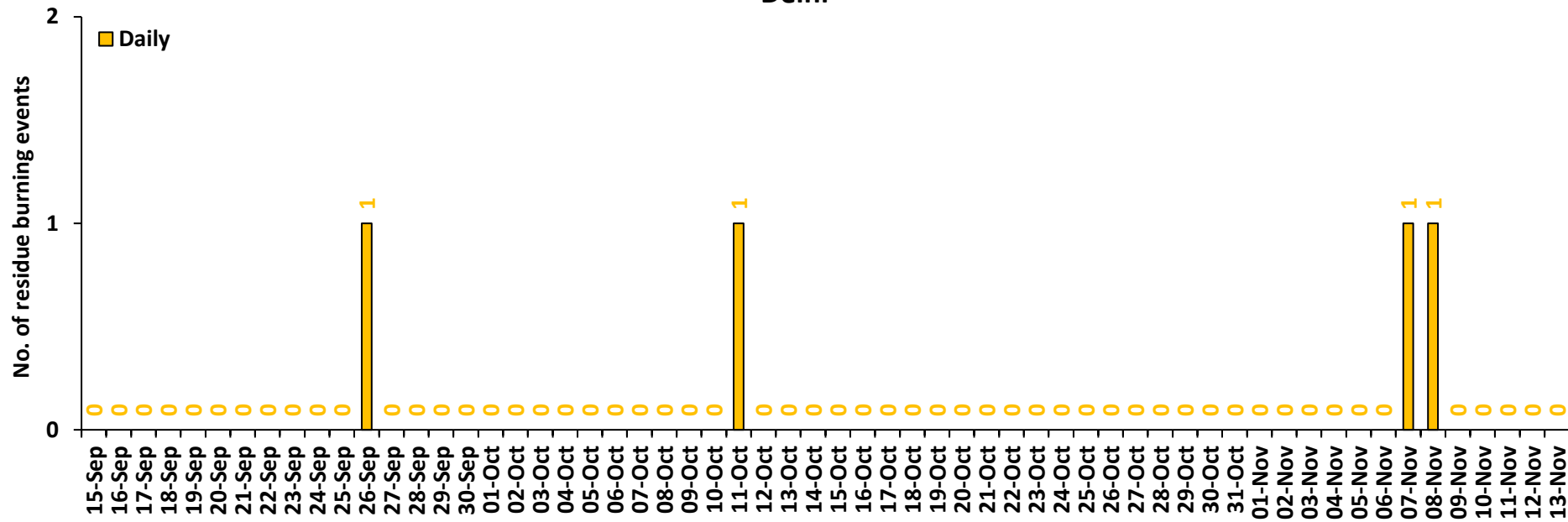
Rajasthan



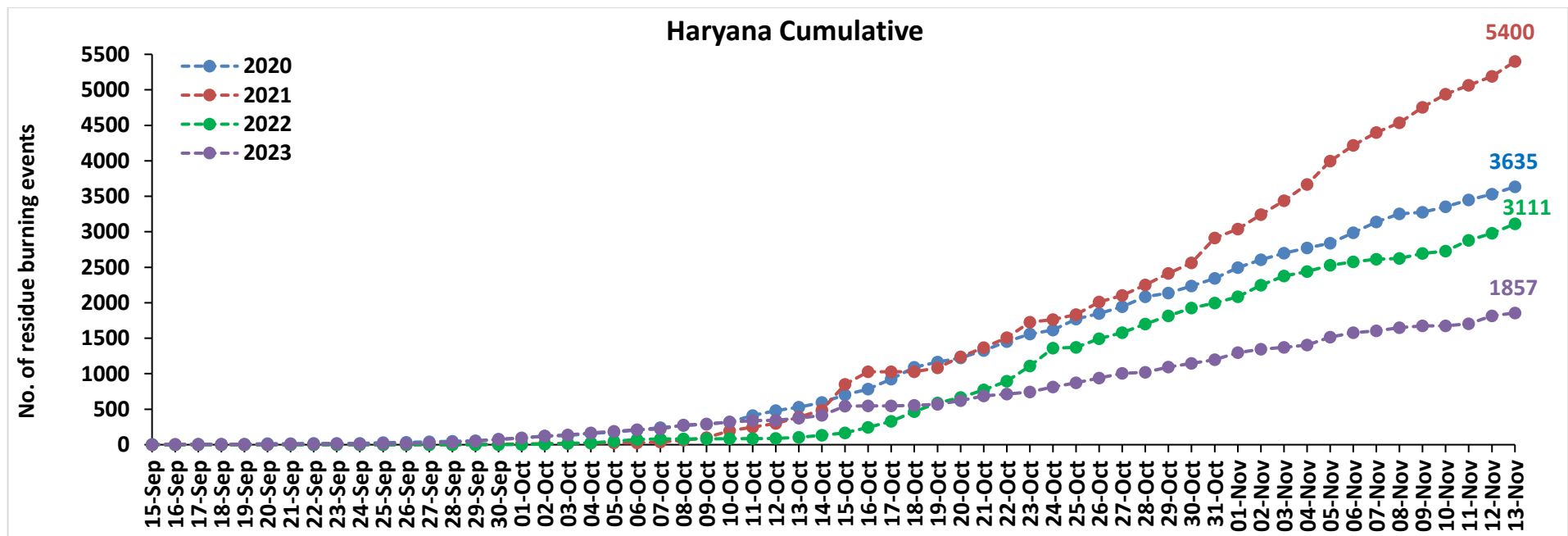
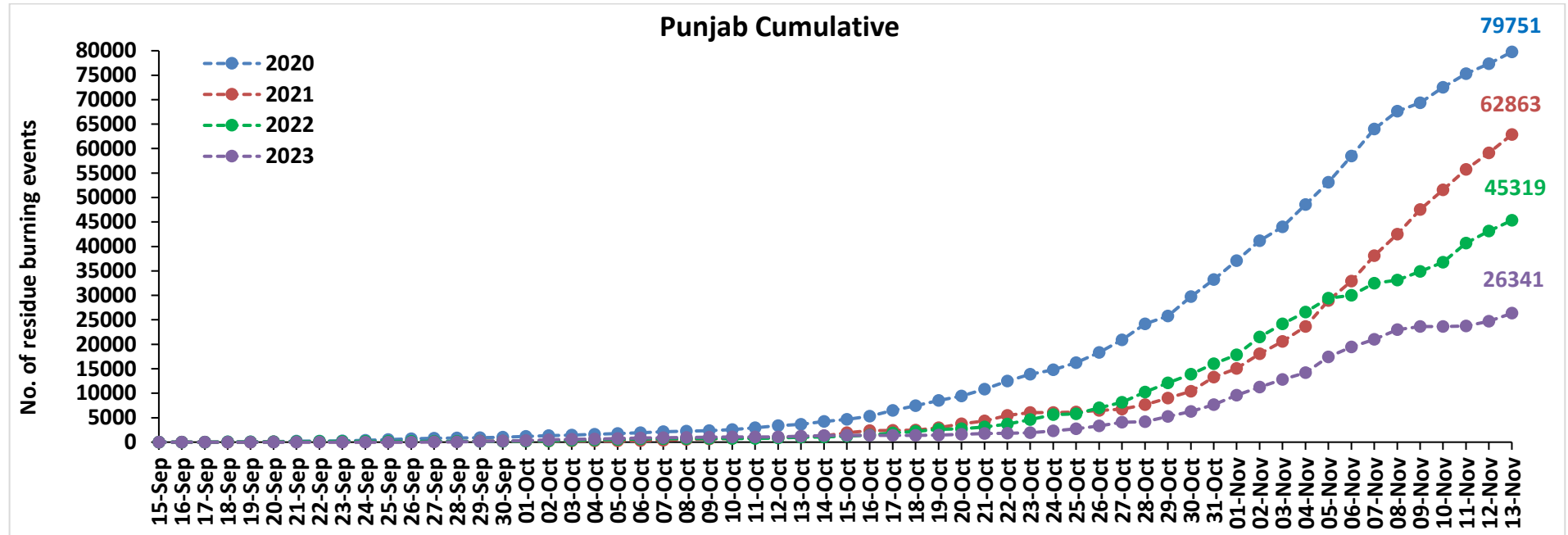
Madhya Pradesh



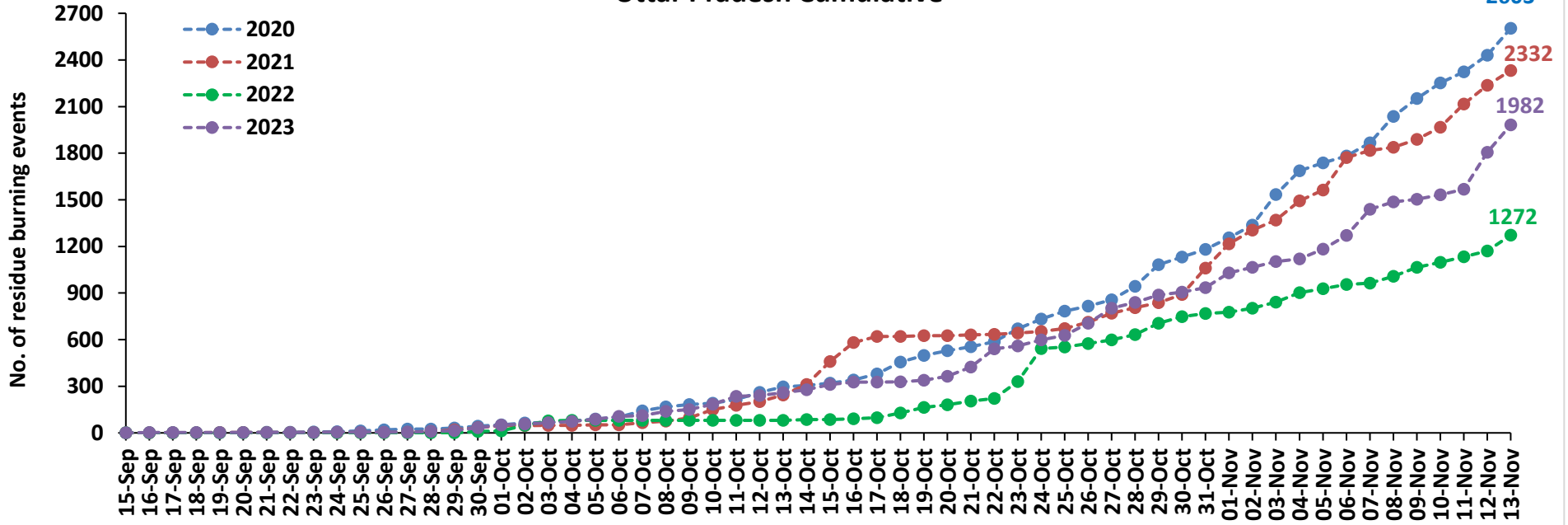
Delhi



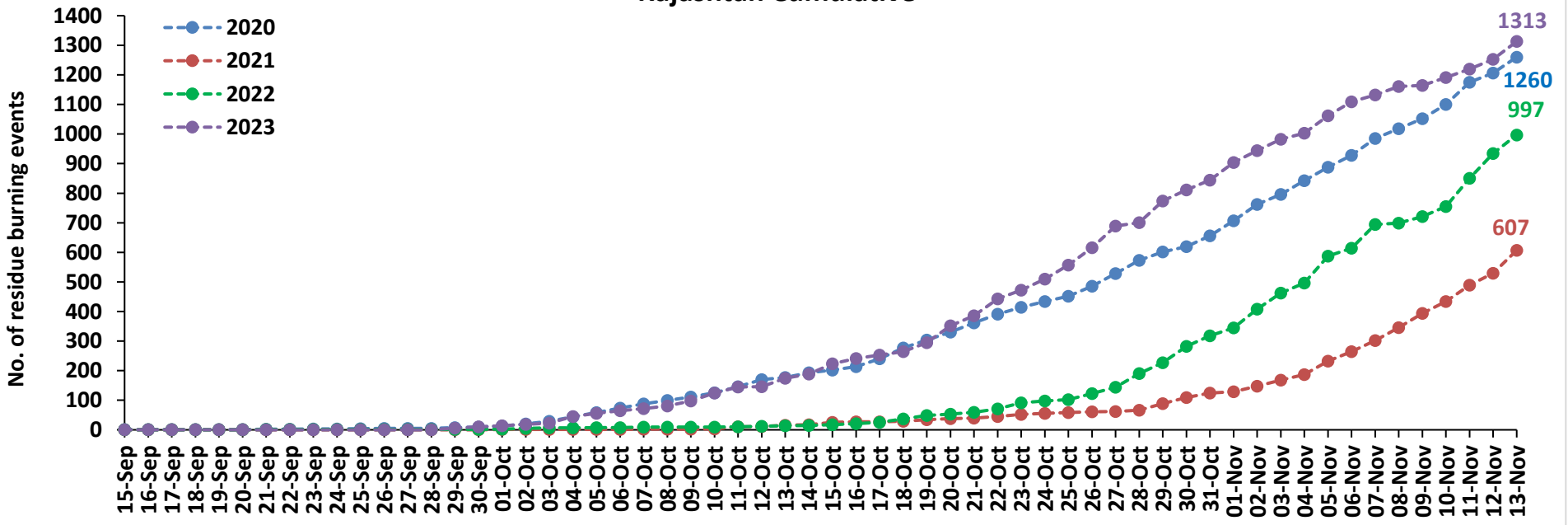
Comparison of residue burning events in current year (2023) with previous years (2020, 2021 and 2022) for the study State



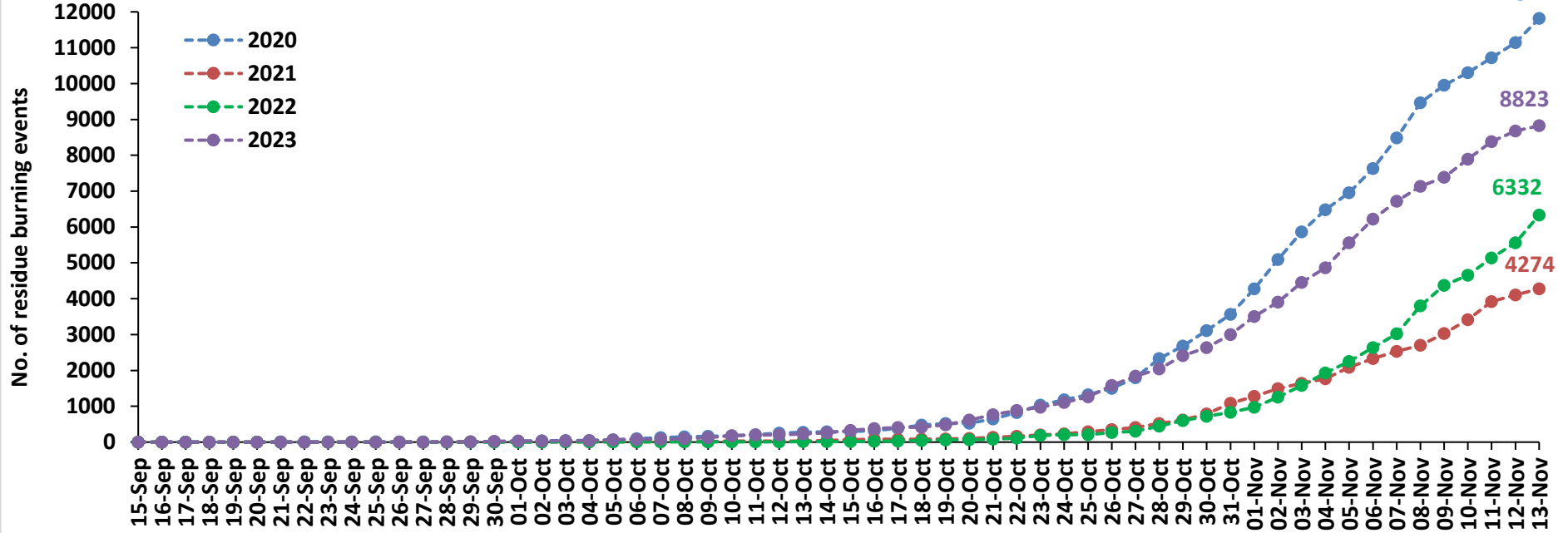
Uttar Pradesh Cumulative



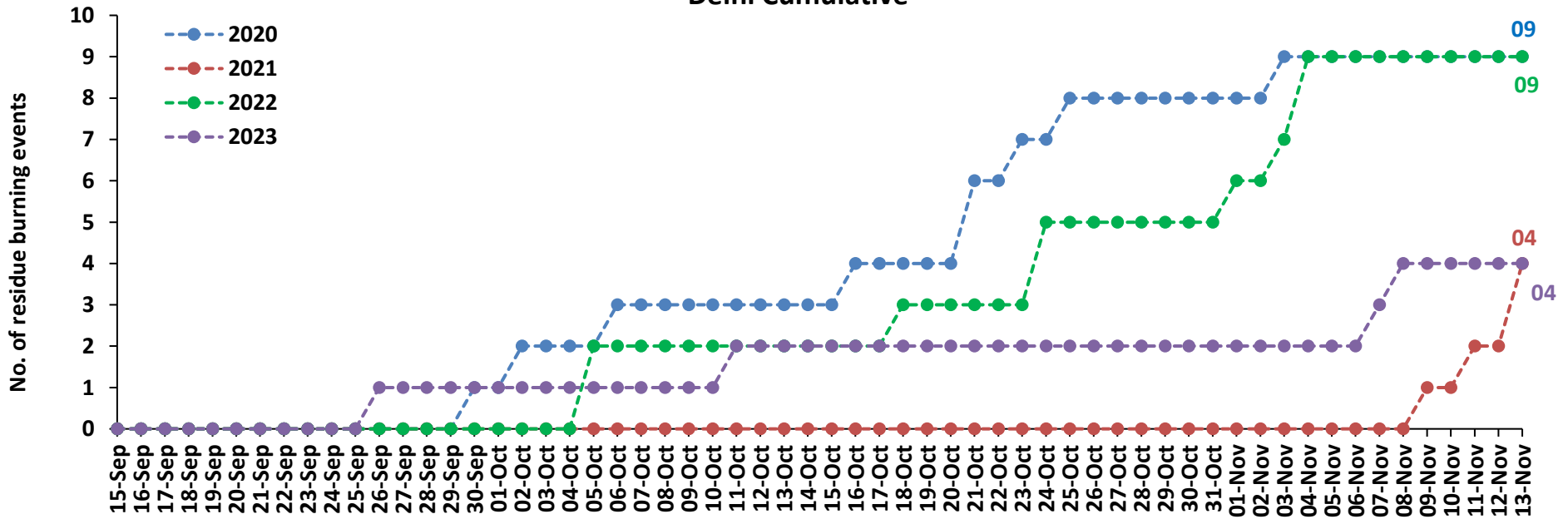
Rajasthan Cumulative



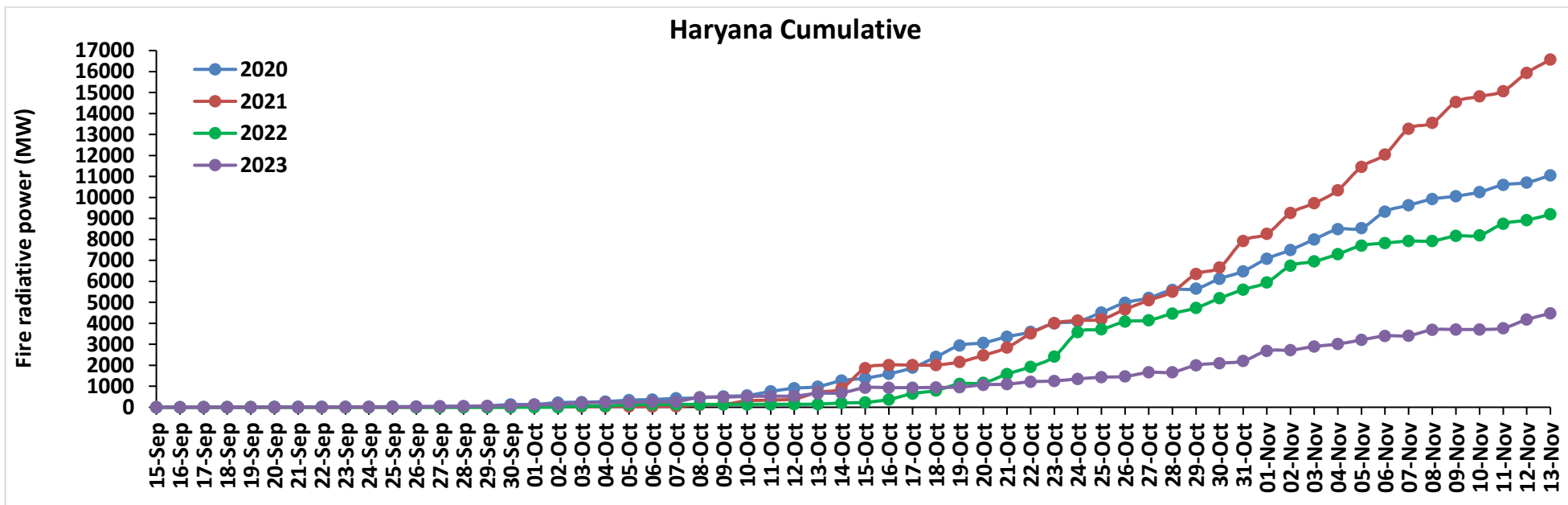
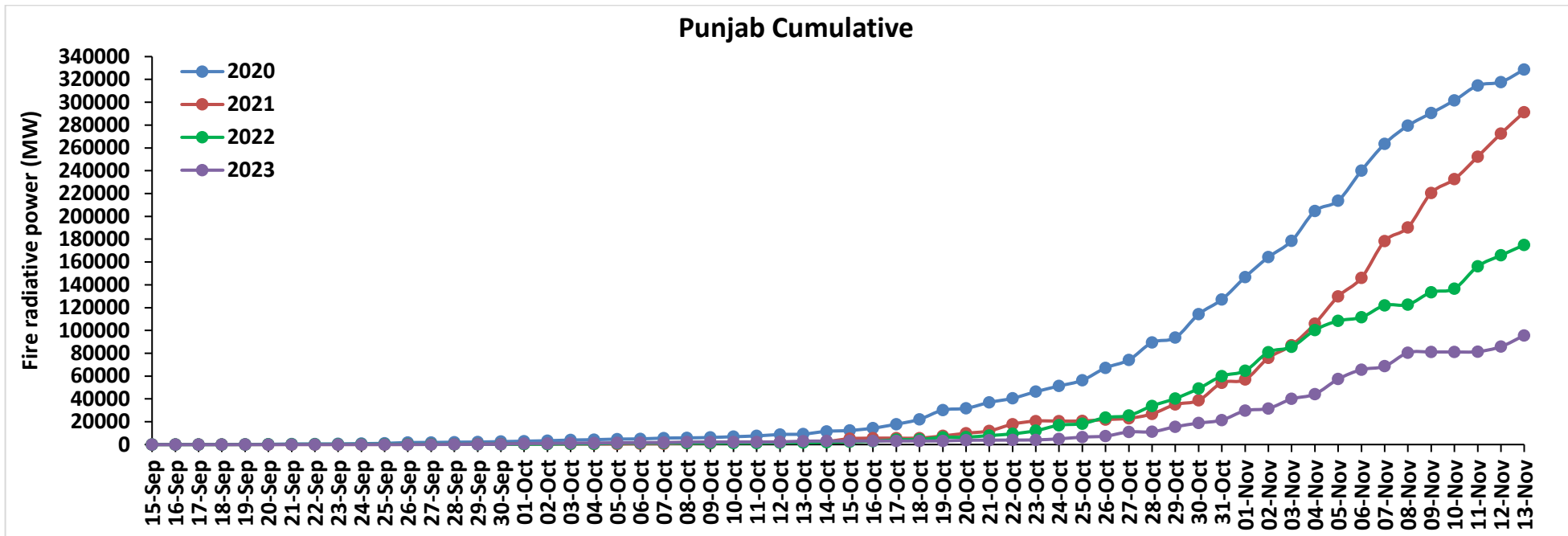
Madhya Pradesh Cumulative



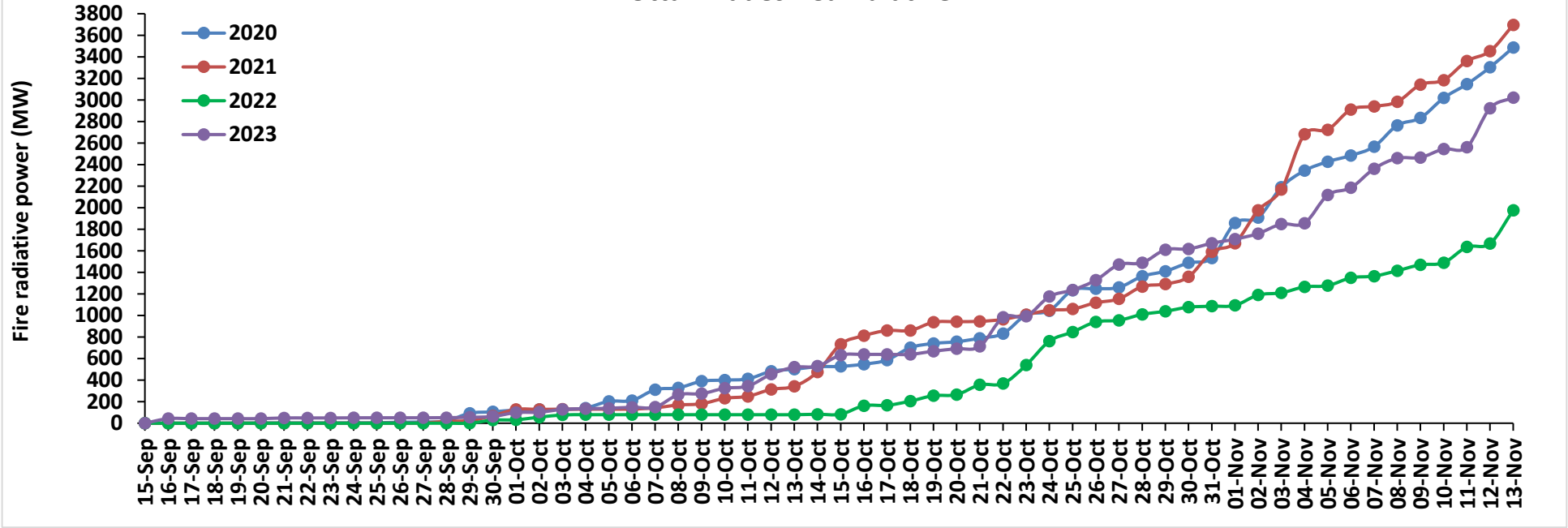
Delhi Cumulative



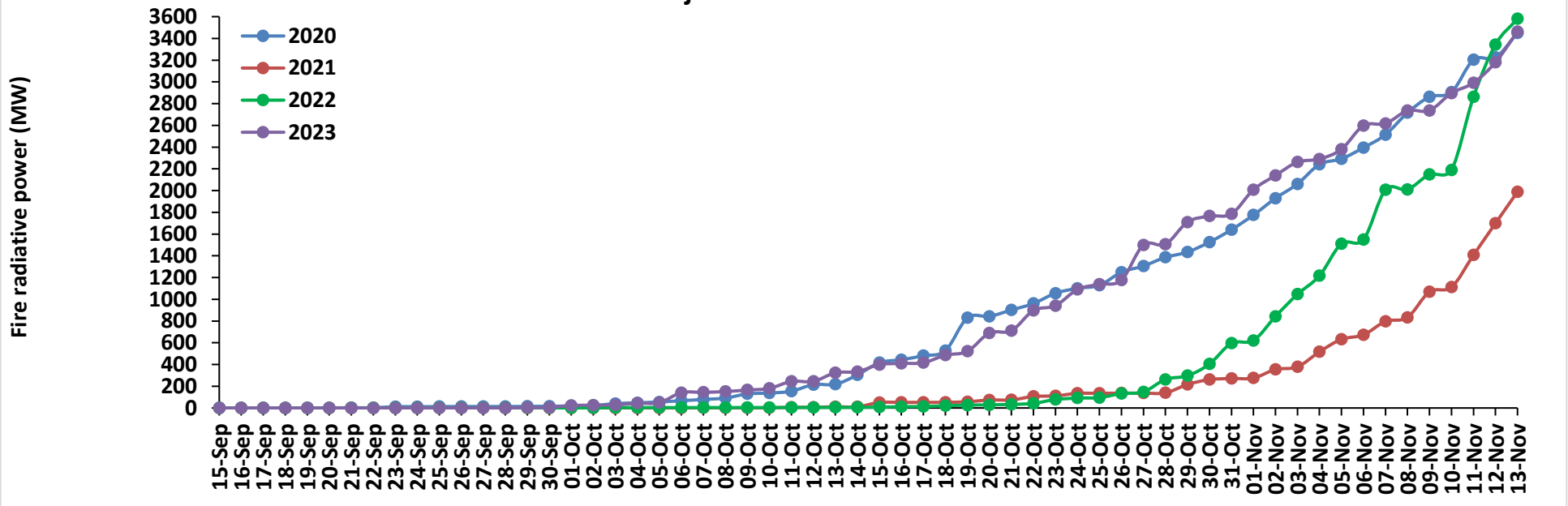
Comparison of residue burning fire power in current year (2023) with previous years (2020, 2021 and 2022) for the study States



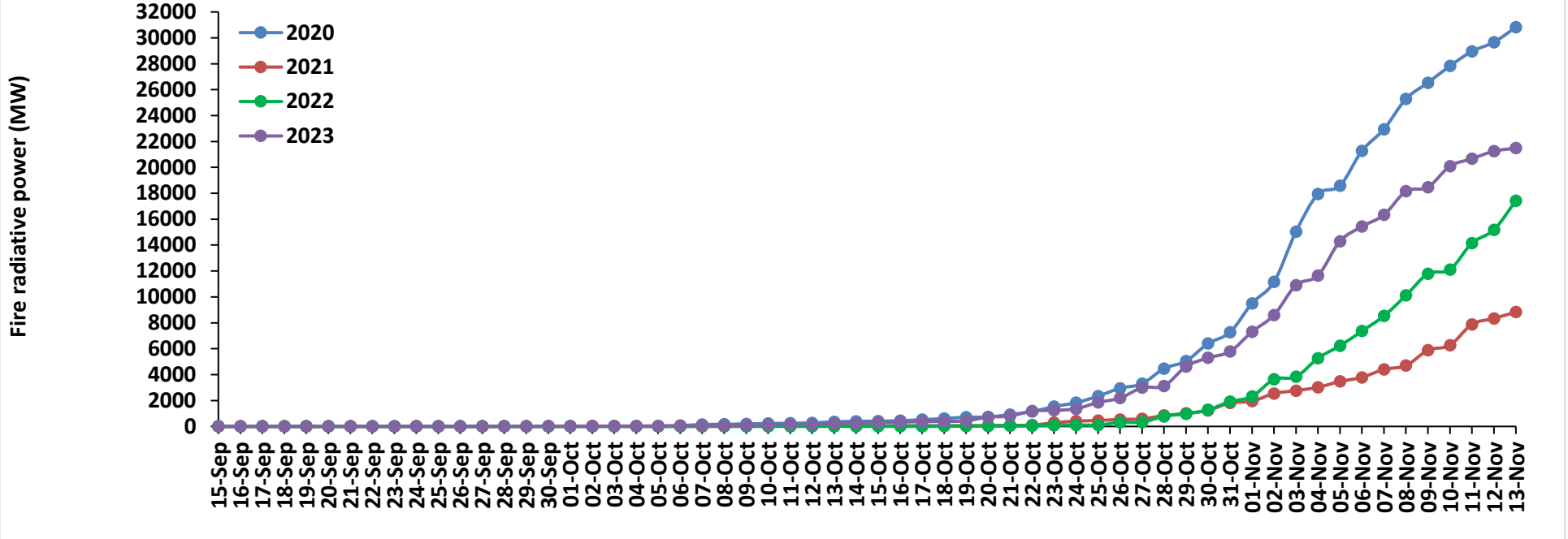
Uttar Pradesh Cumulative



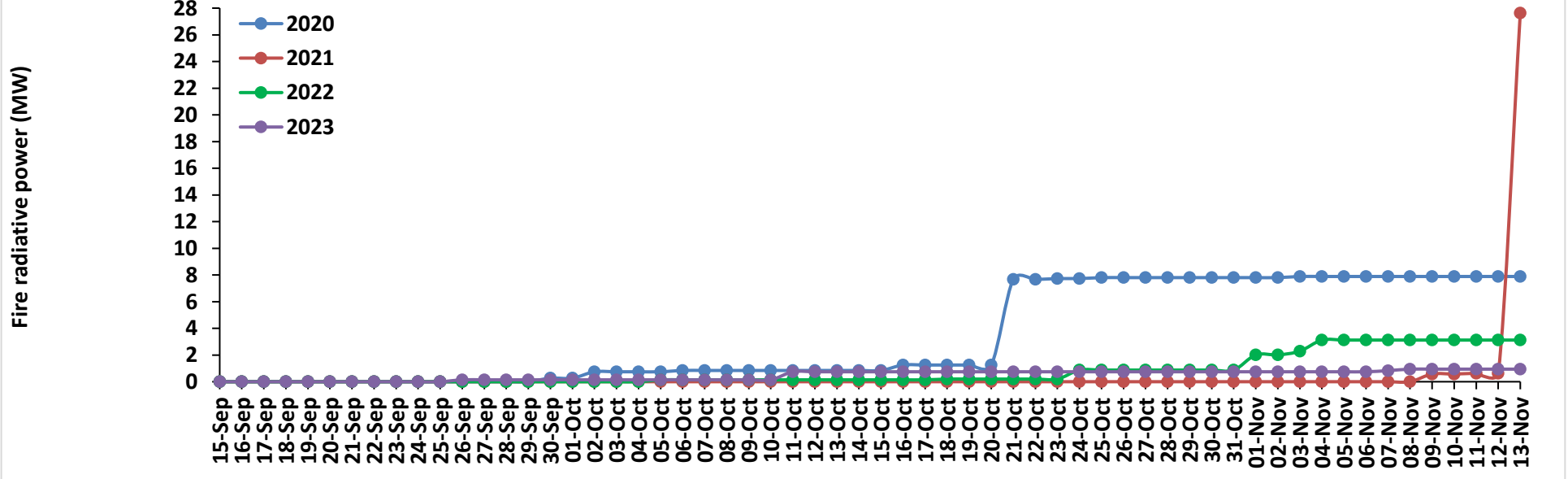
Rajasthan Cumulative



Madhya Pradesh Cumulative

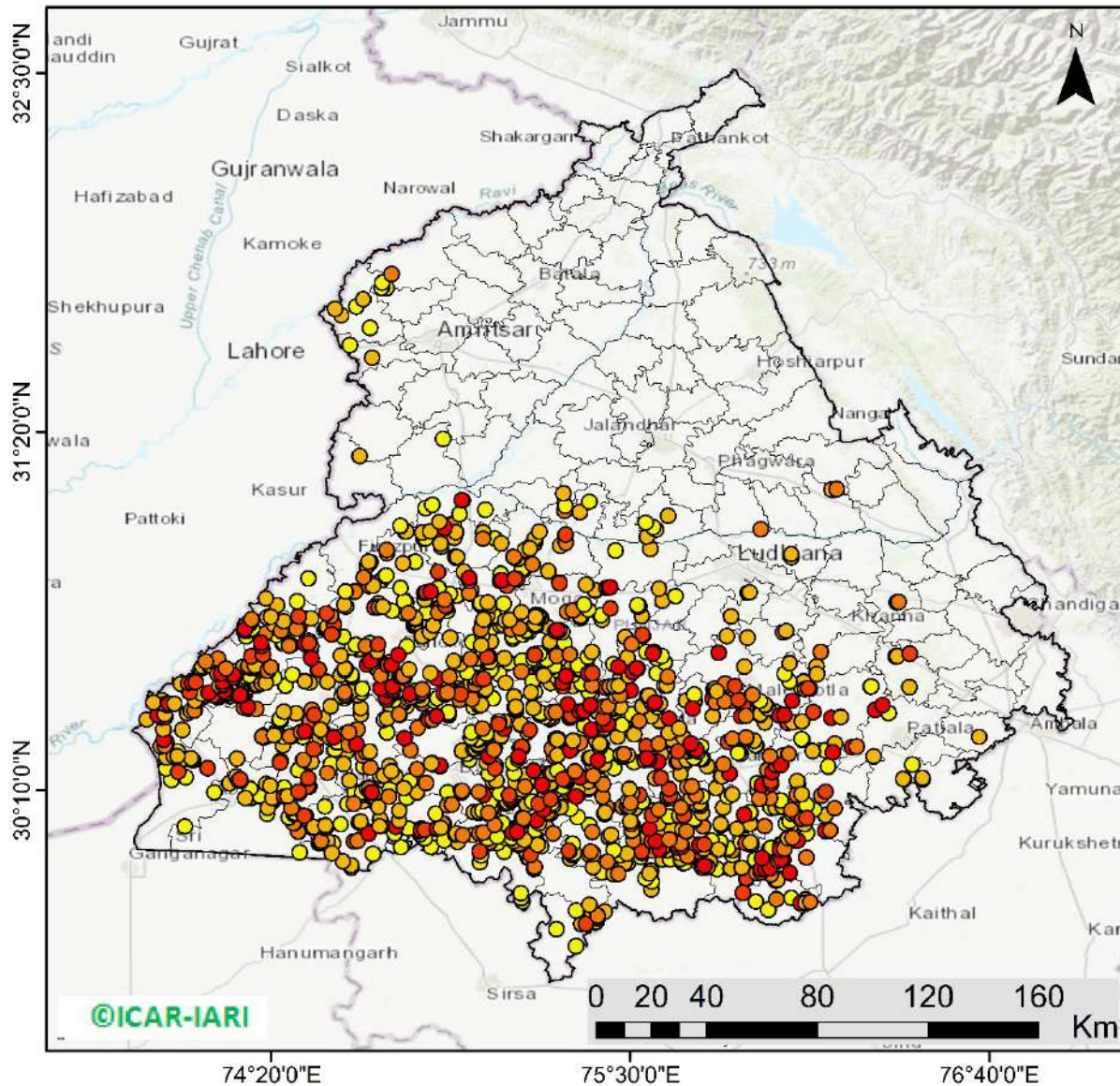


Delhi Cumulative



Punjab

RICE RESIDUE BURNING IN PUNJAB



1624 burning events detected in Punjab during (13th Nov 2023)

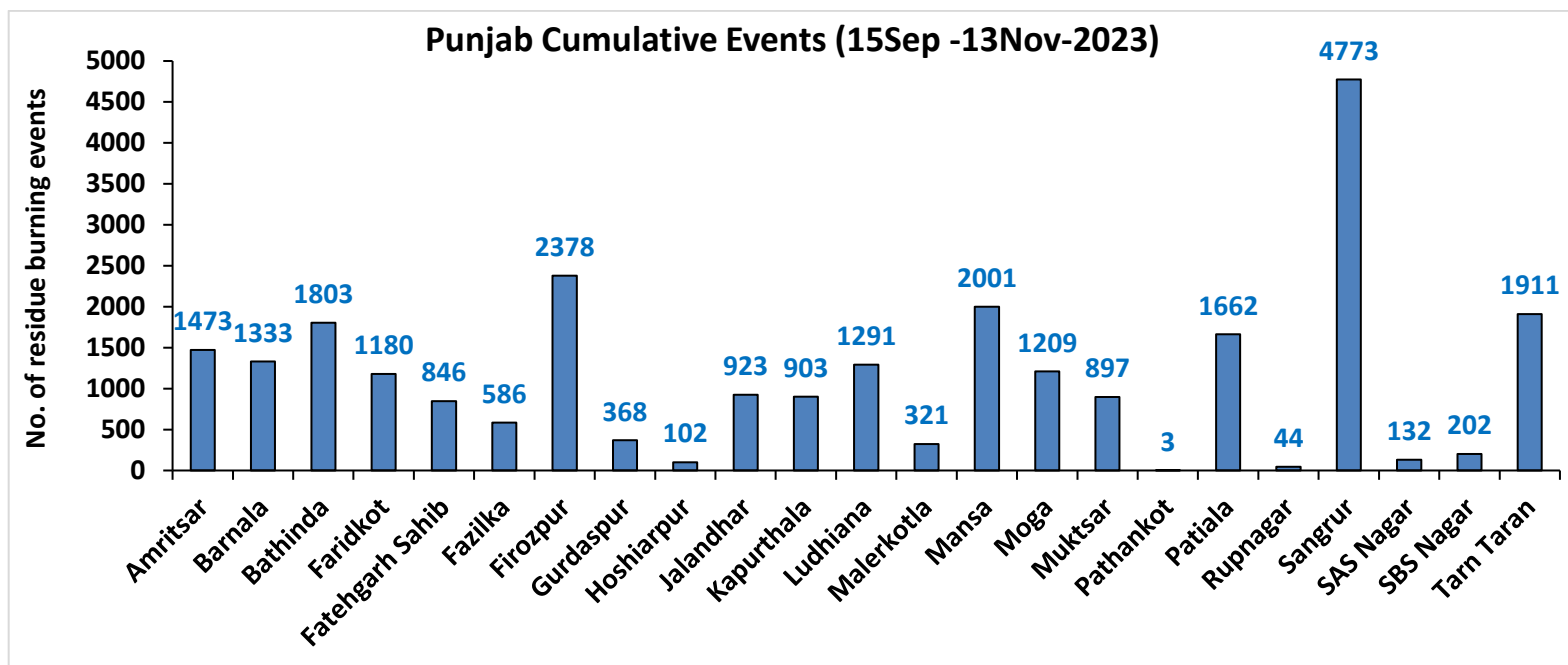
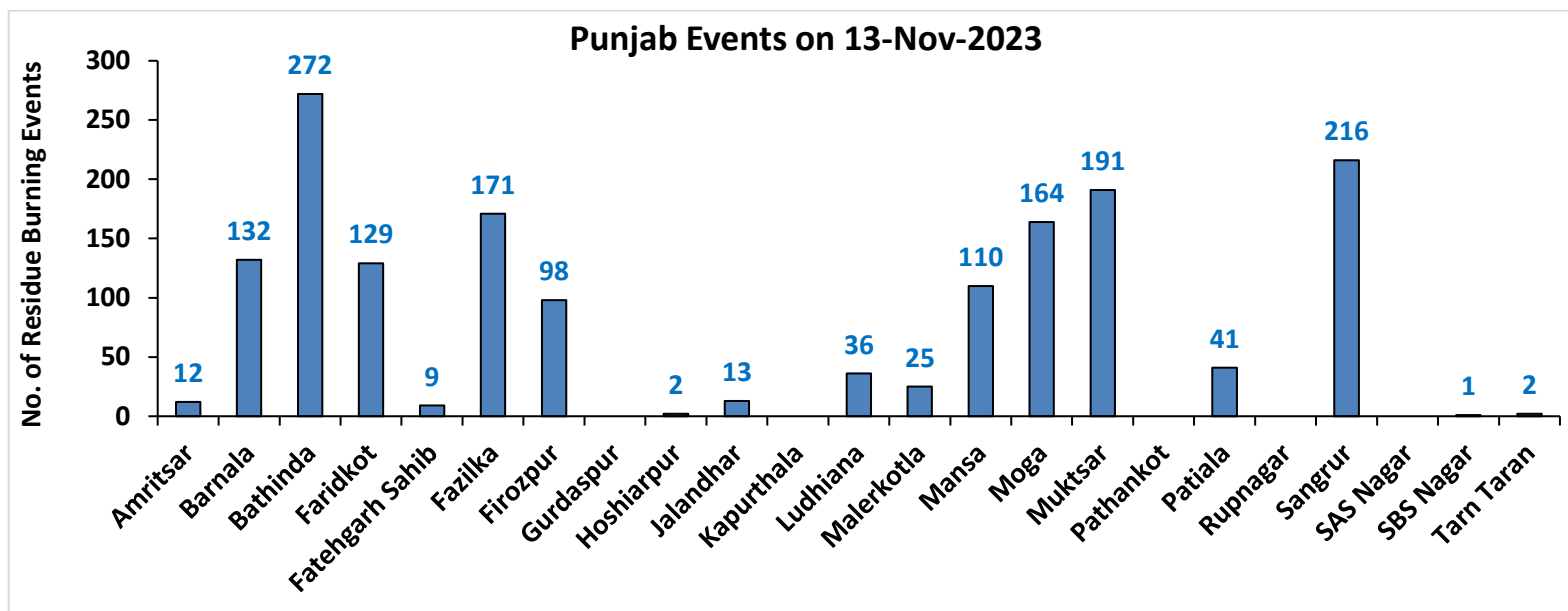
Fire Intensity (W/m²)

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



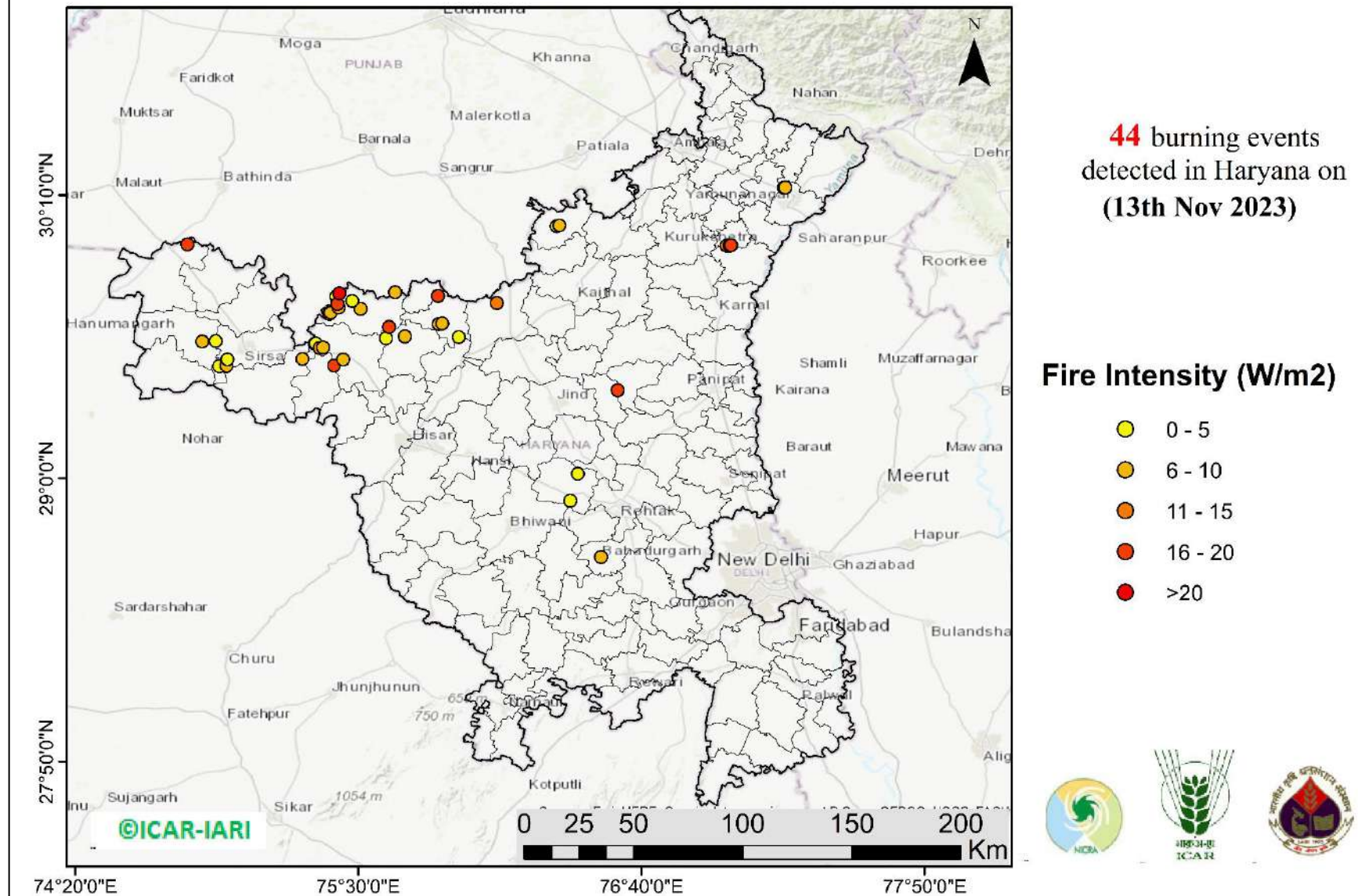
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Punjab (15Sep- 13Nov-2023)

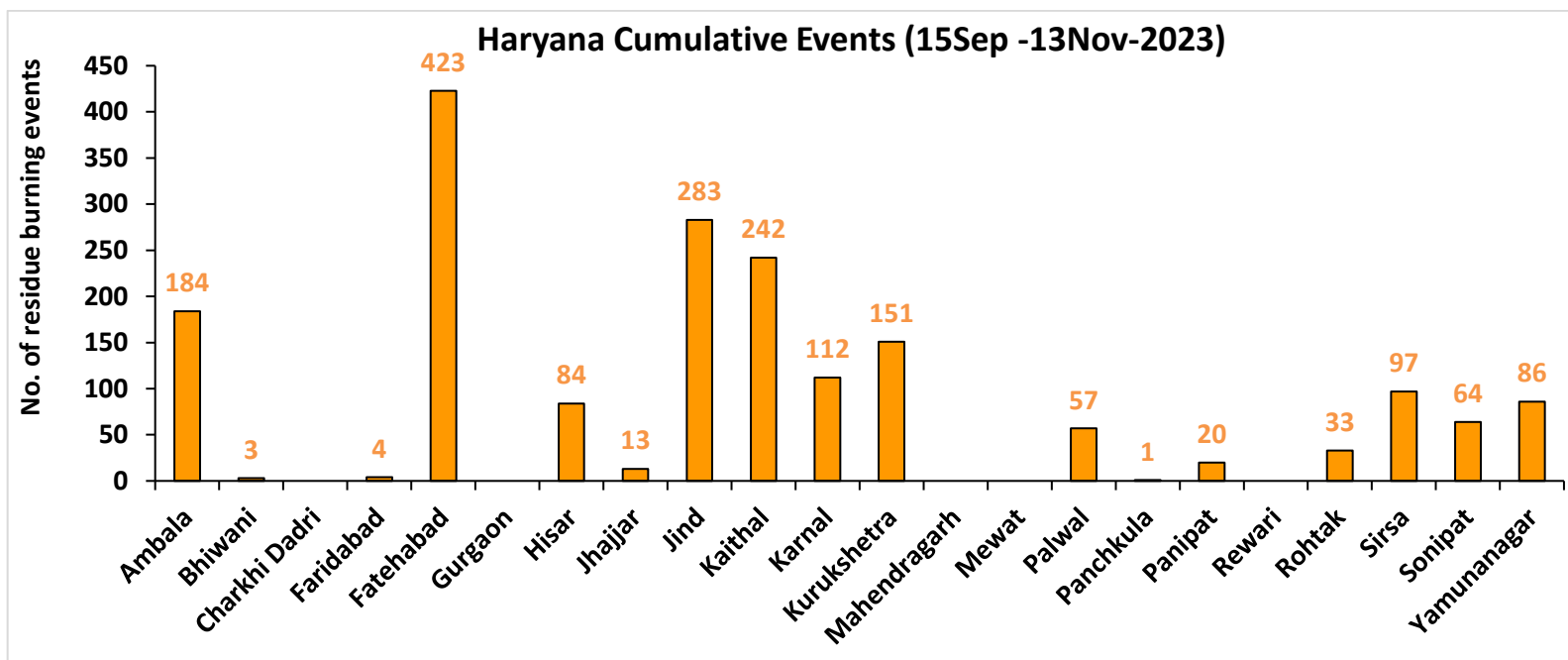
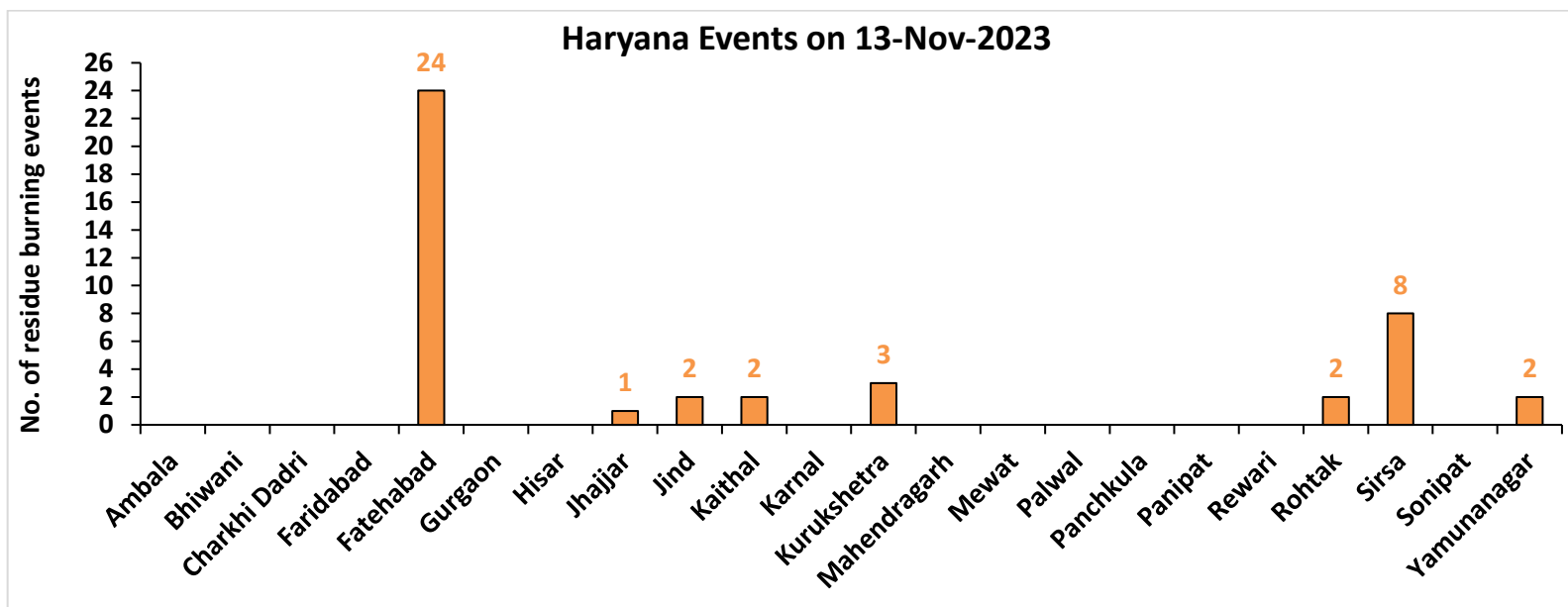


Haryana

RICE RESIDUE BURNING IN HARYANA

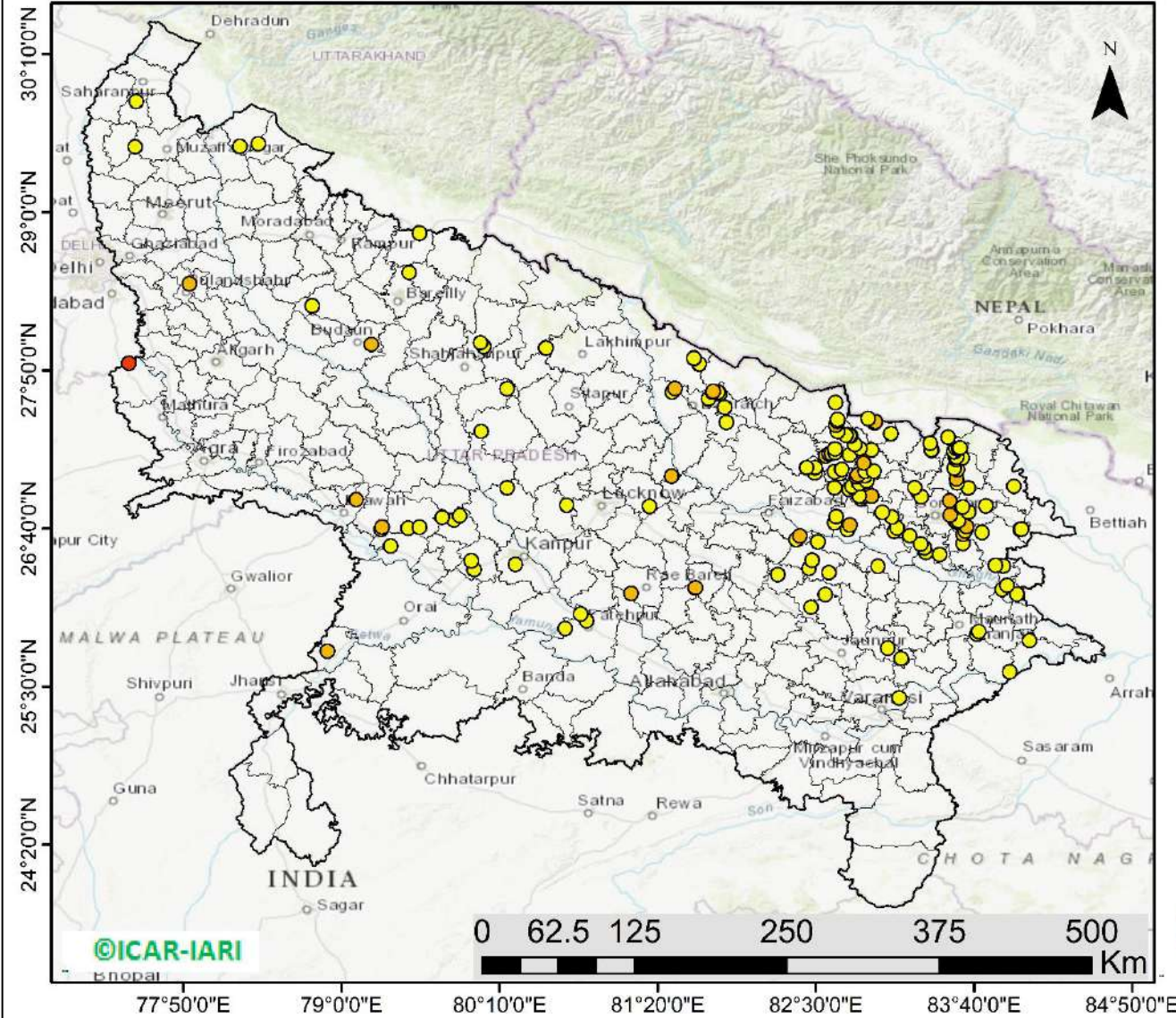


District-wise cumulative number of residues burning events in Haryana (15Sep- 13Nov-2023)



Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



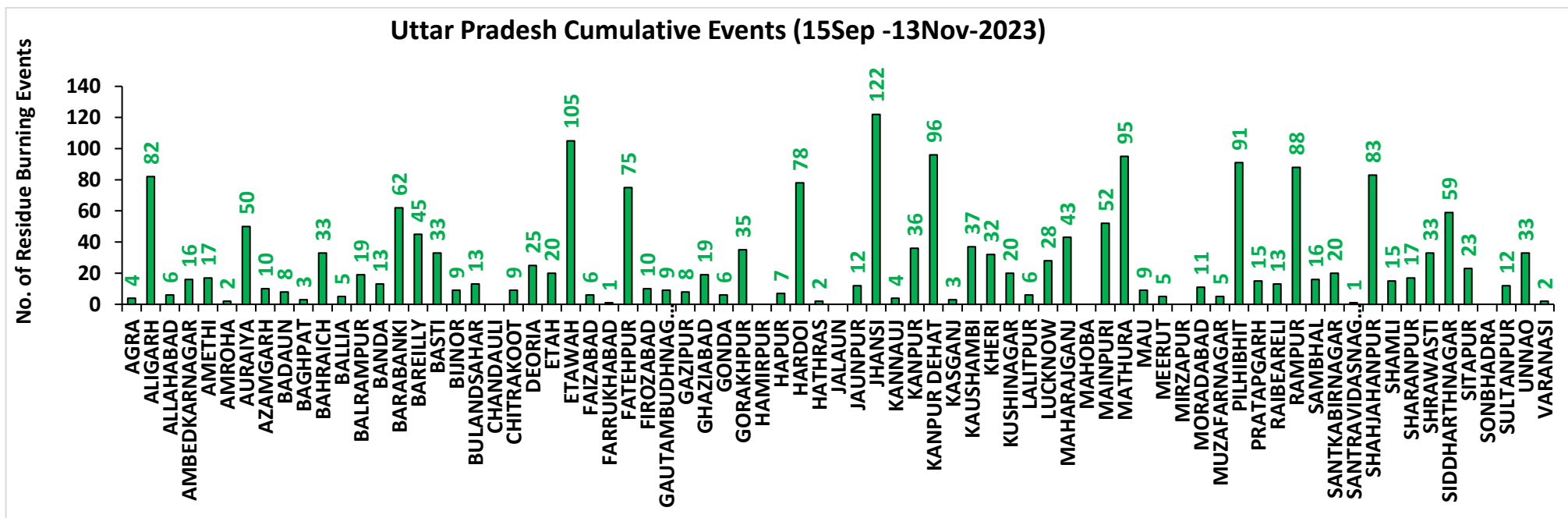
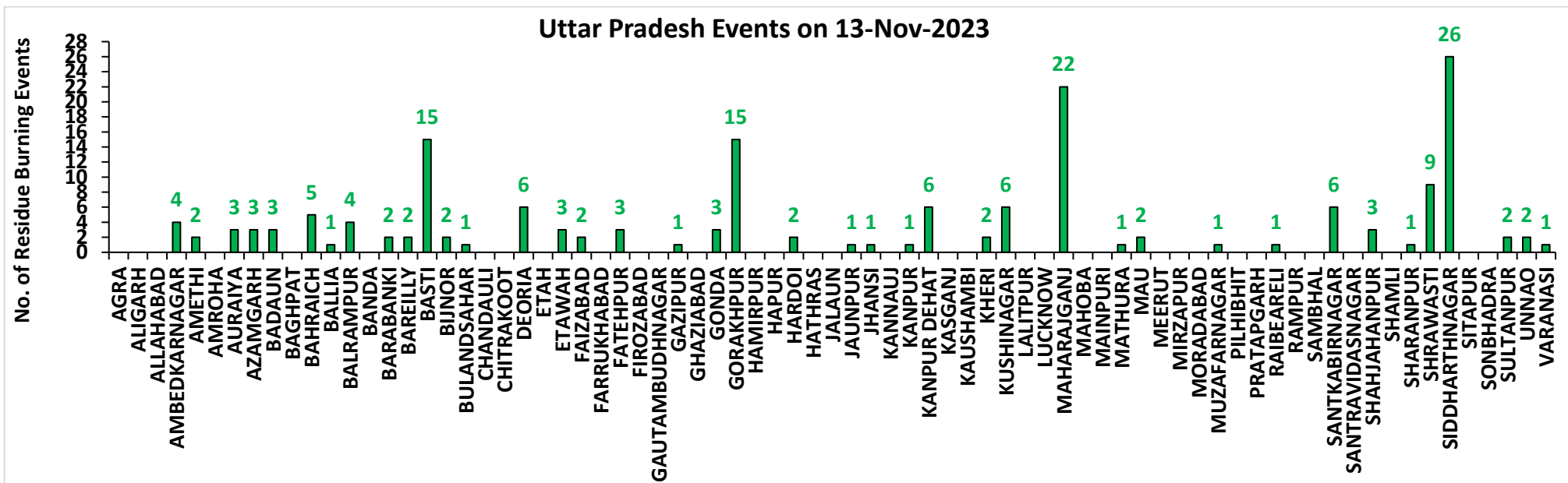
176 burning events detected in Uttar Pradesh on (13th Nov 2023)

Fire Intensity (W/m²)

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

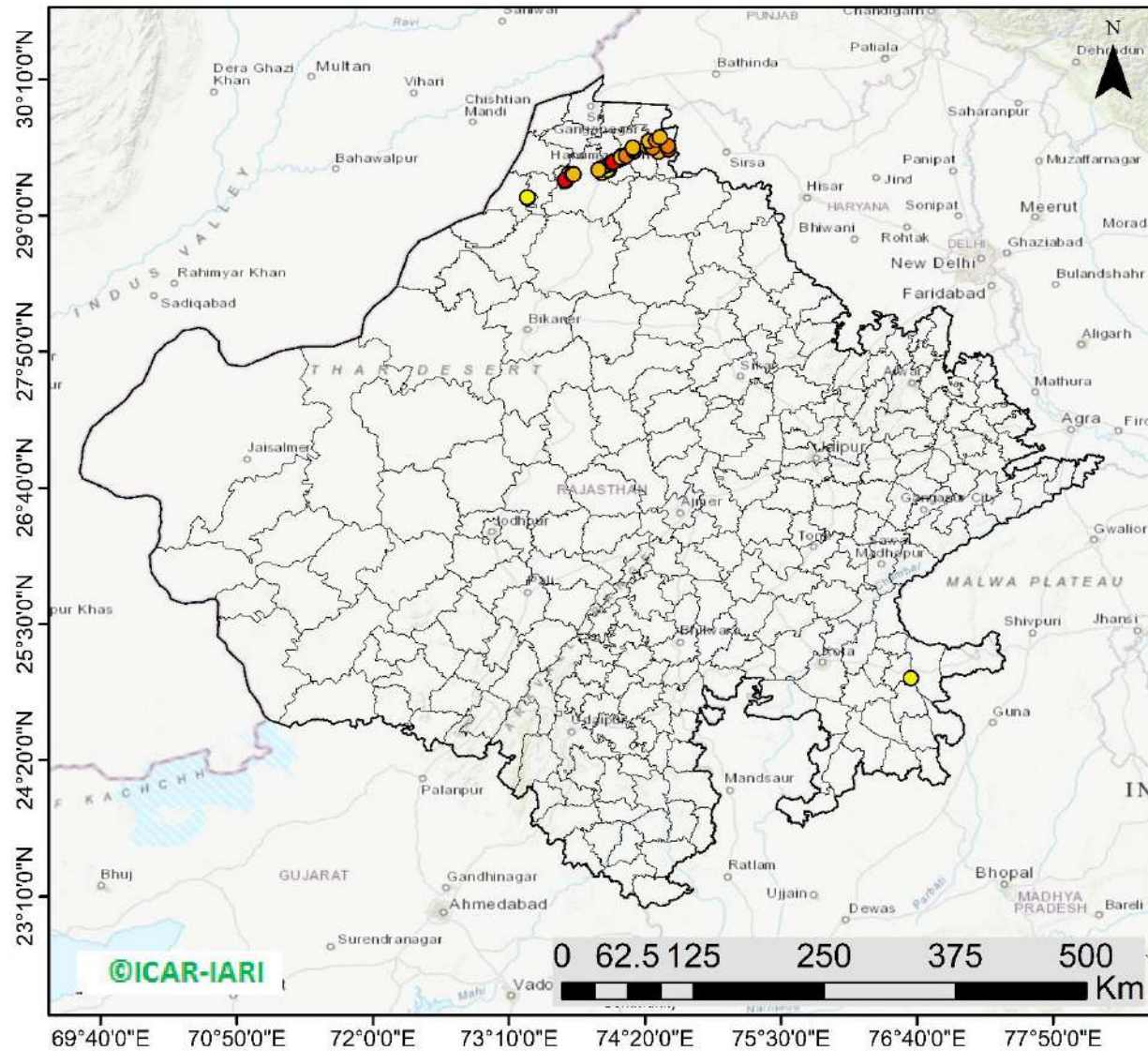
<http://geoportal.icar.gov.in:8080/geoplorer/composer/>

District-wise cumulative number of residues burning events in Uttar Pradesh (15Sep-13Nov -2023)



Rajasthan

RICE RESIDUE BURNING IN RAJASTHAN



60 burning events
detected in Rajasthan on
(13th Nov 2023)

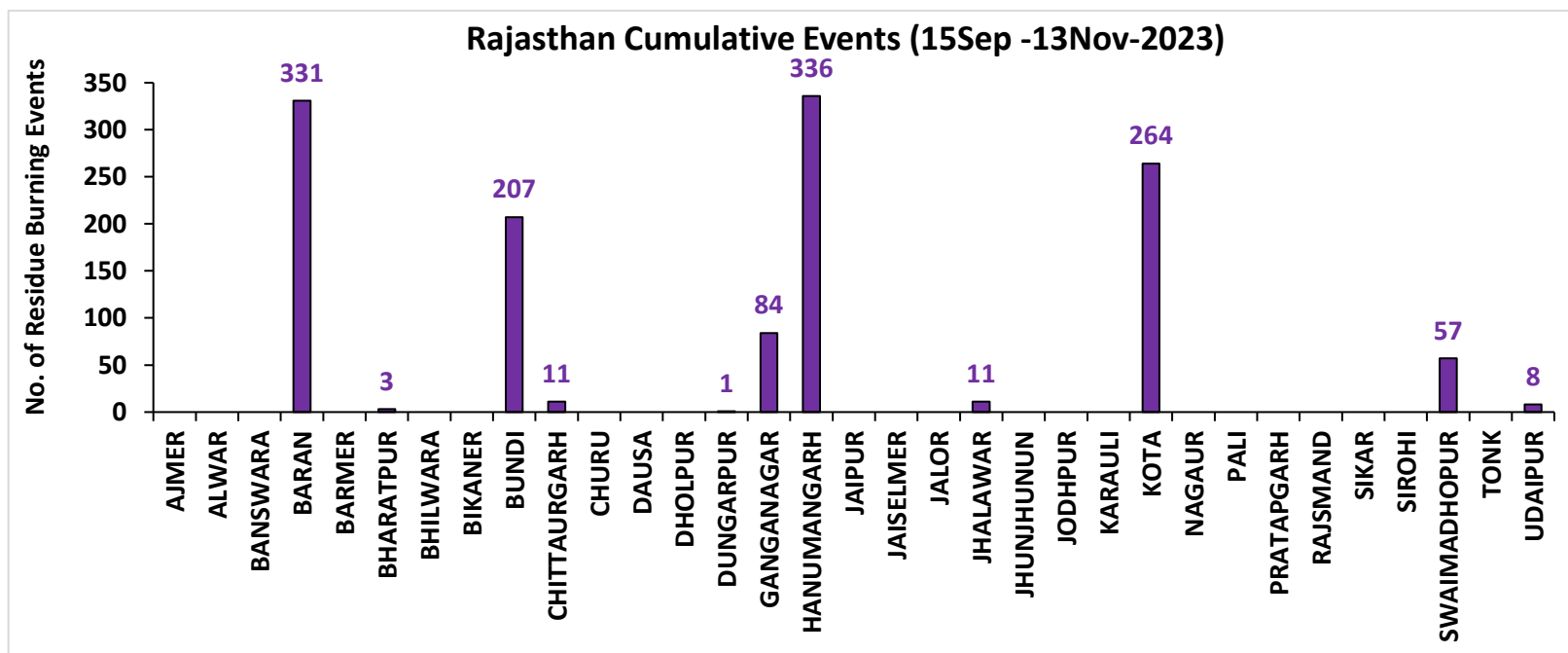
Fire Intensity (W/m²)

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



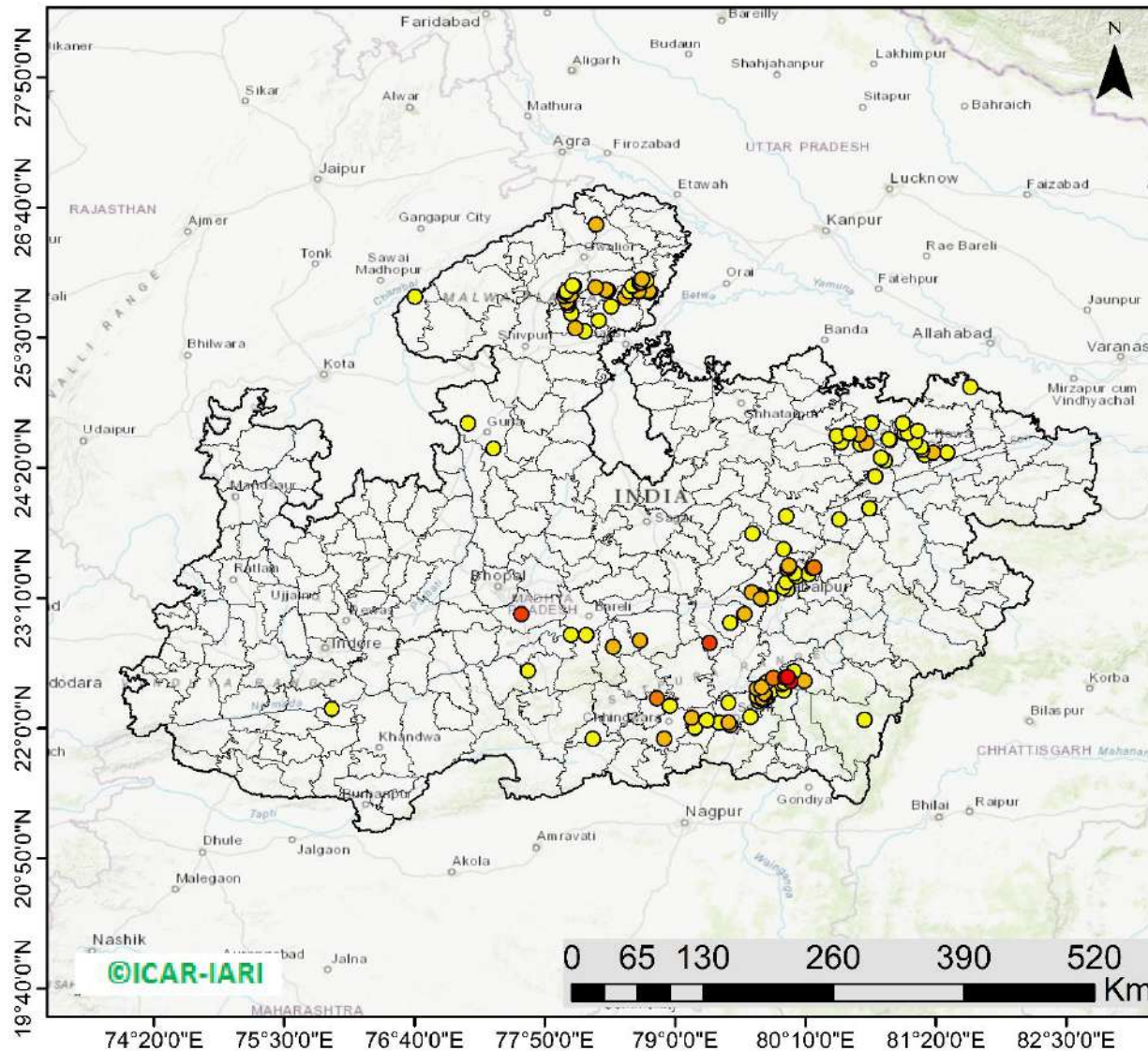
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Rajasthan (15Sep-13Nov -2023)



Madhya Pradesh

RICE RESIDUE BURNING IN MADHYA PRADESH



144 burning events
detected in MP on
(13th Nov 2023)

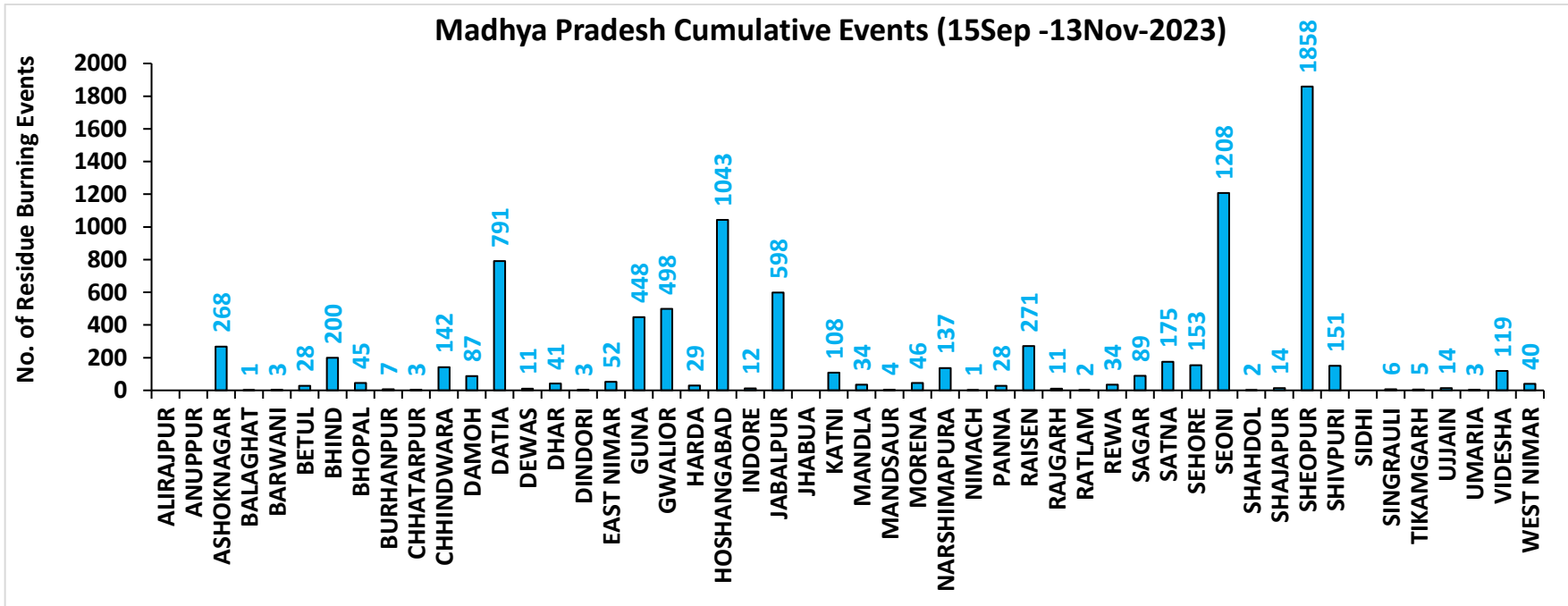
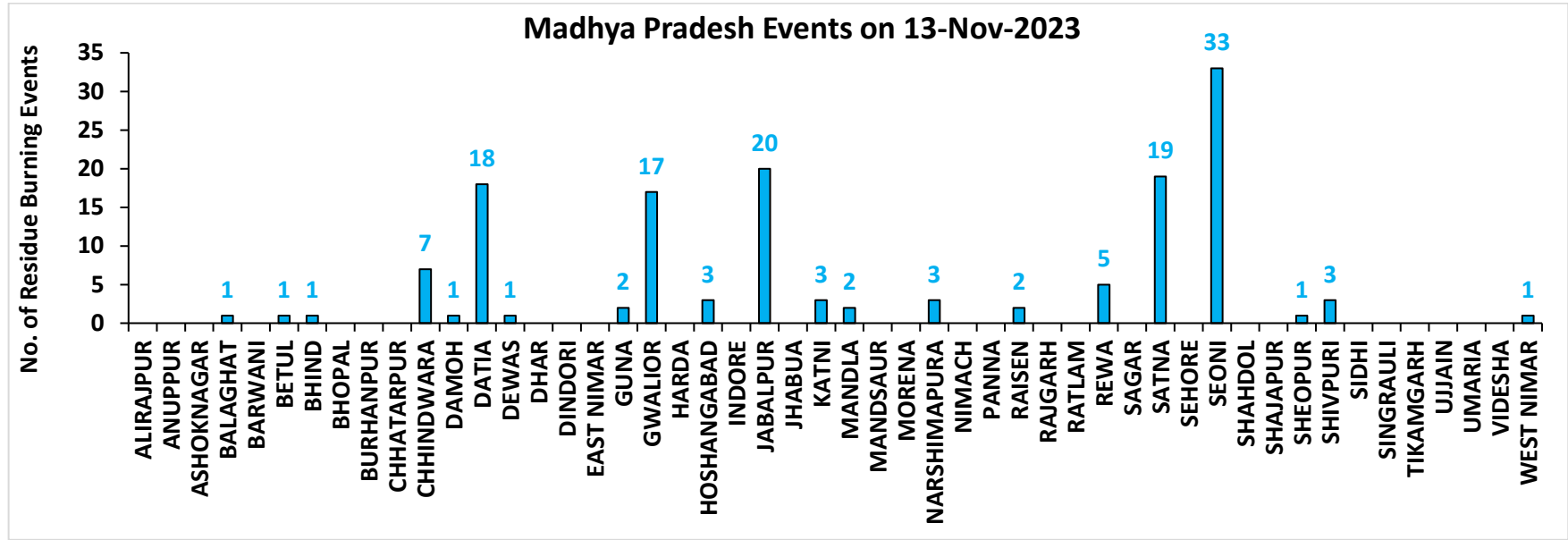
Fire Intensity (W/m²)

- 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-13Nov -2023)



District-wise cumulative number of residues burning events detected in 2020, 2021, 2022 and 2023
(Period: 15 September-13 November)

(a) Punjab

District	15 Sep-13 Nov			
	2020	2021	2022	2023
Amritsar	3049	2035	1522	1473
Barnala	5154	4055	2752	1333
Bathinda	4946	3892	4006	1803
Faridkot	4582	3539	2303	1180
Fatehgarh Sahib	1527	1521	1123	846
Fazilka	1801	1484	1885	586
Firozpur	8218	5593	4144	2378
Gurdaspur	2119	1356	835	368
Hoshiarpur	386	314	250	102
Jalandhar	1928	2315	1323	923
Kapurthala	1879	1735	1253	903
Ludhiana	4947	5236	2413	1291
Malerkotla*	--	--	--	321
Mansa	3609	2567	2533	2001
Moga	7216	5839	3181	1209
Muktsar	4371	3622	2866	897
Pathankot	13	5	1	3
Patiala	6355	4643	3355	1662
Rupnagar	205	283	242	44
Sangrur	11599	8358	5826	4773
SAS NAGAR	127	143	102	132
SBS Nagar	131	327	258	202
Tarn Taran	5589	4001	3146	1911
Total	79751	62863	45319	26341

(b) Haryana

District	15 Sep-13 Nov			
	2020	2021	2022	2023
AMBALA	344	285	214	184
BHIWANI	3	1	3	3
CHARKHI DADRI	0	0	0	0
FARIDABAD	1	3	1	4
FATEHABAD	680	1134	677	423
GURGAON	0	0	0	0
HISAR	46	84	77	84
JHAJJAR	6	0	2	13
JIND	321	614	439	283
KAITHAL	811	1107	628	242
KARNAL	576	884	290	112
KURUKSHETRA	404	527	294	151
MAHENDRAGARH	0	0	0	0
MEWAT	0	0	0	0
PALWAL	46	106	49	57
PANCHKULA	0	0	0	1
PANIPAT	40	146	54	20
REWARI	0	0	0	0
ROHTAK	40	15	20	33
SIRSA	120	246	176	97
SONIPAT	59	104	50	64
YAMUNANAGAR	138	144	137	86
Total	3635	5400	3111	1857

*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-13 Nov													
	2020	2021	2022	2023	GAUTAMBUDHNAGAR	11	19	10	9	MUZAFARNAGAR	25	13	2	5
AGRA	7	0	0	4	GAZIPUR	3	3	5	8	PILHIBHIT	12	196	120	91
ALIGARH	108	38	40	82	GHAZIABAD	19	7	4	19	PRATAPGARH	24	9	10	15
ALLAHABAD	19	9	4	6	GONDA	11	4	0	6	RAIBEARELI	10	22	11	13
AMBEDKARNAGAR	10	7	6	16	GORAKHPUR	15	13	7	35	RAMPUR	138	170	93	88
AMETHI	3	8	7	17	HAMIRPUR	3	0	0	0	SAMBHAL	13	13	12	16
AMROHA	6	5	1	2	HAPUR	17	7	2	7	SANTKABIRNAGAR	18	11	4	20
AURAIYA	66	23	15	50	HARDOI	83	81	33	78	SANTRAVIDASNAGAR	1	1	2	1
AZAMGARH	18	0	3	10	HATHRAS	0	0	1	2	SHAHJAHANPUR	106	375	274	83
BADAUN	12	16	0	8	JALAUN	21	0	0	0	SHAMLI	34	24	6	15
BAGHPAT	11	7	4	3	JAUNPUR	18	7	6	12	SHARANPUR	87	53	12	17
BAHRAICH	100	43	12	33	JHANSI	184	52	55	122	SHRAWASTI	41	29	9	33
BALLIA	33	5	7	5	KANNAUJ	30	4	1	4	SIDDHARTHANAGAR	40	74	6	59
BALRAMPUR	55	9	5	19	KANPUR	24	27	15	36	SITAPUR	49	36	15	23
BANDA	15	3	1	13	KANPUR DEHAT	60	23	10	96	SONBHADRA	0	0	0	0
BARABANKI	33	54	50	62	KASGANJ	2	2	0	3	SULTANPUR	2	7	4	12
BAREILLY	55	48	34	45	KAUSHAMBI	39	41	18	37	UNNAO	35	19	16	33
BASTI	42	35	4	33	KHERI	108	136	107	32	VARANASI	1	2	0	2
BIJNOR	24	23	2	9	KUSHINAGAR	30	6	3	20	Total	2603	2332	1272	1982
BULANDSAHAR	45	4	14	13	LALITPUR	1	6	3	6					
CHANDAULI	1	0	0	0	LUCKNOW	30	30	9	28					
CHITRAKOOT	10	7	2	9	MAHARAJGANJ	14	36	20	43					
DEORIA	40	3	6	25	MAHOBA	27	0	0	0					
ETAH	17	8	4	20	MAINPURI	58	33	20	52					
ETAWAH	58	33	12	105	MATHURA	158	236	30	95					
FAIZABAD	8	4	2	6	MAU	8	5	2	9					
FARRUKHABAD	4	2	1	1	MEERUT	42	14	7	5					
FATEHPUR	101	64	58	75	MIRZAPUR	7	5	2	0					
FIROZABAD	26	15	7	10	MORADABAD	17	8	5	11					

(d) Delhi

District	15 Sep-13 Nov			
	2020	2021	2022	2023
CENTRAL	0	0	0	0
EAST	0	0	0	0
NEW DELHI	0	0	0	0
NORTH	3	3	8	4
NORTH EAST	0	0	0	0
NORTH WEST DELHI	3	1	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	4	9	4

(e) Rajasthan

District	15 Sep-13 Nov			
	2020	2021	2022	2023
AJMER	3	0	0	0
ALWAR	8	0	0	0
BANSWARA	0	0	0	0
BARAN	165	9	71	331
BARMER	3	0	0	0
BHARATPUR	2	3	1	3
BHILWARA	8	0	0	0
BIKANER	1	0	0	0
BUNDI	128	70	180	207
CHITTAURGARH	1	8	6	11
CHURU	0	0	0	0
DAUSA	1	0	0	0
DHOLPUR	0	0	0	0
DUNGARPUR	0	0	1	1
GANGANAGAR	109	56	79	84
HANUMANGARH	602	381	462	336
JAIPUR	4	0	0	0
JAISELMER	4	0	0	0
JALOR	2	0	0	0
JHALAWAR	7	1	7	11
JHUNJHUNUN	1	0	0	0
JODHPUR	4	0	0	0
KARAULI	1	0	0	0
KOTA	115	50	135	264
NAGAU	2	0	0	0
PALI	7	0	0	0
PRATAPGARH	8	0	0	0
RAJSMAND	1	0	0	0
SIKAR	0	0	0	0
SIROHI	2	0	0	0
SWAIMADHOPUR	65	28	55	57
TONK	5	0	0	0
UDAIPUR	1	1	0	8
Total	1260	607	997	1313

(f) Madhya Pradesh

District	15 Sep-13 Nov								
	2020	2021	2022	2023					
					PANNA	49	13	5	28
ALIRAJPUR	0	0	0	0	RAISEN	531	139	175	271
ANUPPUR	0	0	0	0	RAJGARH	10	3	3	11
ASHOKNAGAR	152	72	154	268	RATLAM	2	4	3	2
BALAGHAT	3	2	0	1	REWA	107	39	17	34
BARWANI	2	0	0	3	SAGAR	28	26	53	89
BETUL	31	13	9	28	SATNA	512	193	106	175
BHIND	251	82	145	200	SEHORE	142	111	147	153
BHOPAL	46	29	19	45	SEONI	1216	858	821	1208
BURHANPUR	11	1	0	7	SHAHDOL	3	0	0	2
CHHATARPUR	7	0	0	3	SHAJAPUR	16	0	0	14
CHHINDWARA	118	49	78	142	SHEOPUR	1760	508	1641	1858
DAMOH	73	49	47	87	SHIVPURI	312	28	73	151
DATIA	1156	261	536	791	SIDHI	3	2	1	0
DEWAS	8	0	0	11	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	7	10	52	UMARIA	5	3	0	3
GUNA	66	7	102	448	VIDESHA	129	66	61	119
GWALIOR	1816	207	560	498	WEST NIMAR	58	9	11	40
HARDA	14	21	9	29	Total	11814	4274	6332	8823
HOSHANGABAD	1031	950	884	1043					
INDORE	4	0	0	12					
JABALPUR	1376	266	346	598					
JHABUA	0	0	0	0					
KATNI	261	42	68	108					
MANDLA	121	84	61	34					
MANDSAUR	12	0	0	4					
MORENA	62	37	25	46					
NARSHIMAPURA	234	91	160	137					
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-13 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
13-Nov	2441	3742	2175	1624	105	210	132	44	172	95	102	176

Total	79751	62863	45319	26341	3635	5400	3111	1857	2603	2332	1272	1982
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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
13-Nov	0	2	0	0	54	78	63	60	670	171	773	144
Total	9	4	9	4	1260	607	997	1313	11814	4274	6332	8823

Details of residue burning events in Punjab on 13-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	Amritsar	Ajnala	S-NPP	31.84645	74.72421	12:51:58	D	10.10
2	Amritsar	Attari	S-NPP	31.61523	74.58835	12:51:58	D	1.10
3	Amritsar	Attari	AQUA	31.57400	74.66100	14:18:47	D	6.20
4	Amritsar	Chogawan	S-NPP	31.67103	74.65411	12:51:58	D	1.70
5	Amritsar	Chogawan	S-NPP	31.71218	74.56053	14:32:15	D	5.50
6	Amritsar	Chogawan	S-NPP	31.74080	74.60964	12:51:58	D	1.40
7	Amritsar	Chogawan	AQUA	31.73300	74.54000	14:18:47	D	8.20
8	Amritsar	Chogawan	AQUA	31.76400	74.63200	14:18:47	D	6.40
9	Amritsar	Harsha Chhina	S-NPP	31.79969	74.70651	12:51:58	D	1.90
10	Amritsar	Harsha Chhina	S-NPP	31.80104	74.70737	12:51:58	D	1.70
11	Amritsar	Harsha Chhina	S-NPP	31.80141	74.69144	12:51:58	D	2.10
12	Amritsar	Harsha Chhina	S-NPP	31.81788	74.69347	12:51:58	D	2.10
13	Barnala	Barnala	S-NPP	30.15157	75.52975	14:32:15	D	15.60
14	Barnala	Barnala	S-NPP	30.15794	75.50475	14:32:15	D	7.30
15	Barnala	Barnala	S-NPP	30.17117	75.49667	12:51:58	D	6.20
16	Barnala	Barnala	S-NPP	30.19653	75.40337	12:51:58	D	1.50
17	Barnala	Barnala	S-NPP	30.19746	75.40445	12:51:58	D	1.80
18	Barnala	Barnala	S-NPP	30.22231	75.37791	12:51:58	D	3.20
19	Barnala	Barnala	S-NPP	30.23841	75.44695	12:51:58	D	2.20
20	Barnala	Barnala	S-NPP	30.25126	75.41145	12:51:58	D	8.30
21	Barnala	Barnala	S-NPP	30.25202	75.41473	12:51:58	D	8.00
22	Barnala	Barnala	S-NPP	30.25870	75.65122	12:51:58	D	4.40
23	Barnala	Barnala	S-NPP	30.25883	75.51221	12:51:58	D	4.00
24	Barnala	Barnala	S-NPP	30.26085	75.65582	12:51:58	D	12.20
25	Barnala	Barnala	S-NPP	30.26587	75.68301	12:51:58	D	6.80
26	Barnala	Barnala	S-NPP	30.27158	75.70836	12:51:58	D	5.50
27	Barnala	Barnala	S-NPP	30.27262	75.70645	12:51:58	D	4.00
28	Barnala	Barnala	S-NPP	30.27581	75.46989	14:32:15	D	8.40
29	Barnala	Barnala	S-NPP	30.27736	75.47880	12:51:58	D	6.50

30	Barnala	Barnala	S-NPP	30.28035	75.49180	12:51:58	D	6.00
31	Barnala	Barnala	S-NPP	30.28058	75.56093	12:51:58	D	9.50
32	Barnala	Barnala	S-NPP	30.28177	75.47163	14:32:15	D	12.10
33	Barnala	Barnala	S-NPP	30.28207	75.56736	12:51:58	D	9.50
34	Barnala	Barnala	S-NPP	30.28304	75.46963	14:32:15	D	4.90
35	Barnala	Barnala	S-NPP	30.28458	75.60089	12:51:58	D	7.20
36	Barnala	Barnala	S-NPP	30.28547	75.55944	12:51:58	D	9.50
37	Barnala	Barnala	S-NPP	30.30502	75.55354	12:51:58	D	15.60
38	Barnala	Barnala	S-NPP	30.30990	75.55206	12:51:58	D	17.20
39	Barnala	Barnala	S-NPP	30.33088	75.62107	12:51:58	D	7.60
40	Barnala	Barnala	S-NPP	30.33186	75.63448	14:32:15	D	8.40
41	Barnala	Barnala	S-NPP	30.34064	75.45921	14:32:15	D	5.80
42	Barnala	Barnala	S-NPP	30.34802	75.51284	12:51:58	D	7.60
43	Barnala	Barnala	S-NPP	30.35347	75.62531	14:32:15	D	7.40
44	Barnala	Barnala	S-NPP	30.39252	75.59373	12:51:58	D	7.60
45	Barnala	Barnala	S-NPP	30.39576	75.51727	12:51:58	D	8.20
46	Barnala	Barnala	S-NPP	30.39985	75.62553	12:51:58	D	21.20
47	Barnala	Barnala	S-NPP	30.40758	75.56869	12:51:58	D	5.80
48	Barnala	Barnala	S-NPP	30.41383	75.50488	12:51:58	D	4.30
49	Barnala	Barnala	S-NPP	30.43785	75.53872	14:32:15	D	3.00
50	Barnala	Barnala	S-NPP	30.43936	75.53858	14:32:15	D	7.00
51	Barnala	Barnala	AQUA	30.21400	75.37900	14:18:47	D	14.80
52	Barnala	Barnala	AQUA	30.25900	75.59100	14:18:47	D	21.80
53	Barnala	Barnala	AQUA	30.26500	75.54600	14:18:47	D	15.00
54	Barnala	Barnala	AQUA	30.26700	75.56100	14:18:47	D	40.10
55	Barnala	Barnala	AQUA	30.27100	75.55400	14:18:47	D	27.20
56	Barnala	Barnala	AQUA	30.28400	75.47900	14:18:47	D	14.00
57	Barnala	Barnala	AQUA	30.29300	75.65500	14:18:47	D	17.40
58	Barnala	Barnala	AQUA	30.31800	75.59200	14:18:47	D	12.20
59	Barnala	Barnala	AQUA	30.36800	75.65900	14:18:47	D	9.30
60	Barnala	Barnala	AQUA	30.39200	75.52900	14:18:47	D	11.60
61	Barnala	Mahal Kalan	S-NPP	30.43775	75.58685	12:51:58	D	4.20
62	Barnala	Mahal Kalan	S-NPP	30.44772	75.57172	14:32:15	D	22.10

63	Barnala	Mahal Kalan	S-NPP	30.44854	75.59685	14:32:15	D	6.60
64	Barnala	Mahal Kalan	S-NPP	30.46200	75.56278	14:32:15	D	8.60
65	Barnala	Mahal Kalan	S-NPP	30.47291	75.55414	12:51:58	D	8.00
66	Barnala	Mahal Kalan	S-NPP	30.47439	75.56052	12:51:58	D	8.00
67	Barnala	Mahal Kalan	S-NPP	30.49026	75.49391	12:51:58	D	23.10
68	Barnala	Mahal Kalan	S-NPP	30.49175	75.50034	12:51:58	D	23.10
69	Barnala	Mahal Kalan	S-NPP	30.50744	75.61172	14:32:15	D	8.50
70	Barnala	Mahal Kalan	S-NPP	30.50778	75.60998	14:32:15	D	7.10
71	Barnala	Mahal Kalan	S-NPP	30.50803	75.61840	14:32:15	D	7.10
72	Barnala	Mahal Kalan	S-NPP	30.53125	75.46762	12:51:58	D	7.20
73	Barnala	Mahal Kalan	S-NPP	30.54780	75.58592	12:51:58	D	4.50
74	Barnala	Mahal Kalan	S-NPP	30.56339	75.52406	14:32:15	D	13.80
75	Barnala	Mahal Kalan	S-NPP	30.57537	75.44895	14:32:15	D	4.10
76	Barnala	Mahal Kalan	S-NPP	30.57714	75.44457	14:32:15	D	3.30
77	Barnala	Mahal Kalan	S-NPP	30.58188	75.61166	14:32:15	D	2.90
78	Barnala	Mahal Kalan	S-NPP	30.59855	75.48959	14:32:15	D	8.40
79	Barnala	Mahal Kalan	AQUA	30.45200	75.58000	14:18:47	D	41.80
80	Barnala	Mahal Kalan	AQUA	30.50700	75.46200	14:18:47	D	9.70
81	Barnala	Mahal Kalan	AQUA	30.53600	75.62200	14:18:47	D	15.00
82	Barnala	Mahal Kalan	AQUA	30.53900	75.49500	14:18:47	D	7.30
83	Barnala	Mahal Kalan	AQUA	30.55000	75.49300	14:18:47	D	71.90
84	Barnala	Mahal Kalan	AQUA	30.55200	75.50800	14:18:47	D	45.10
85	Barnala	Mahal Kalan	AQUA	30.56400	75.52100	14:18:47	D	50.00
86	Barnala	Mahal Kalan	AQUA	30.56800	75.46100	14:18:47	D	22.60
87	Barnala	Sehna	S-NPP	30.24856	75.37701	12:51:58	D	7.20
88	Barnala	Sehna	S-NPP	30.27067	75.36587	14:32:15	D	10.40
89	Barnala	Sehna	S-NPP	30.27277	75.37193	14:32:15	D	8.80
90	Barnala	Sehna	S-NPP	30.28045	75.42366	12:51:58	D	3.00
91	Barnala	Sehna	S-NPP	30.30699	75.40150	12:51:58	D	1.20
92	Barnala	Sehna	S-NPP	30.31543	75.40497	14:32:15	D	5.80
93	Barnala	Sehna	S-NPP	30.31705	75.40279	14:32:15	D	7.40
94	Barnala	Sehna	S-NPP	30.31977	75.33182	14:32:15	D	11.00
95	Barnala	Sehna	S-NPP	30.32207	75.33755	14:32:15	D	10.60

96	Barnala	Sehna	S-NPP	30.32442	75.39097	12:51:58	D	4.90
97	Barnala	Sehna	S-NPP	30.32935	75.38947	12:51:58	D	5.90
98	Barnala	Sehna	S-NPP	30.36061	75.40932	14:32:15	D	10.80
99	Barnala	Sehna	S-NPP	30.36309	75.37568	12:51:58	D	3.50
100	Barnala	Sehna	S-NPP	30.37825	75.34990	12:51:58	D	2.50
101	Barnala	Sehna	S-NPP	30.38044	75.47353	12:51:58	D	3.70
102	Barnala	Sehna	S-NPP	30.40709	75.30217	14:32:15	D	14.50
103	Barnala	Sehna	S-NPP	30.40990	75.30184	14:32:15	D	8.00
104	Barnala	Sehna	S-NPP	30.41223	75.31688	12:51:58	D	5.00
105	Barnala	Sehna	S-NPP	30.41552	75.33420	14:32:15	D	14.00
106	Barnala	Sehna	S-NPP	30.42012	75.39545	12:51:58	D	4.70
107	Barnala	Sehna	S-NPP	30.42060	75.39674	12:51:58	D	1.70
108	Barnala	Sehna	S-NPP	30.42139	75.44562	12:51:58	D	6.60
109	Barnala	Sehna	S-NPP	30.42156	75.44707	12:51:58	D	5.10
110	Barnala	Sehna	S-NPP	30.42303	75.34207	14:32:15	D	4.70
111	Barnala	Sehna	S-NPP	30.43119	75.44266	12:51:58	D	13.00
112	Barnala	Sehna	S-NPP	30.43137	75.44409	12:51:58	D	7.70
113	Barnala	Sehna	S-NPP	30.43610	75.44117	12:51:58	D	13.00
114	Barnala	Sehna	S-NPP	30.43627	75.44259	12:51:58	D	14.90
115	Barnala	Sehna	S-NPP	30.43727	75.46857	12:51:58	D	5.20
116	Barnala	Sehna	S-NPP	30.44012	75.36834	12:51:58	D	2.60
117	Barnala	Sehna	S-NPP	30.47715	75.37228	14:32:15	D	8.50
118	Barnala	Sehna	S-NPP	30.48667	75.36464	12:51:58	D	2.90
119	Barnala	Sehna	S-NPP	30.49524	75.43535	14:32:15	D	9.20
120	Barnala	Sehna	S-NPP	30.50117	75.43700	14:32:15	D	21.10
121	Barnala	Sehna	S-NPP	30.50273	75.44327	14:32:15	D	9.20
122	Barnala	Sehna	S-NPP	30.50581	75.31241	14:32:15	D	7.20
123	Barnala	Sehna	S-NPP	30.51317	75.34246	12:51:58	D	3.00
124	Barnala	Sehna	AQUA	30.26400	75.39500	14:18:47	D	24.20
125	Barnala	Sehna	AQUA	30.31800	75.40100	14:18:47	D	9.00
126	Barnala	Sehna	AQUA	30.36400	75.37300	14:18:47	D	35.90
127	Barnala	Sehna	AQUA	30.36900	75.41600	14:18:47	D	13.90
128	Barnala	Sehna	AQUA	30.38000	75.41400	14:18:47	D	31.50

129	Barnala	Sehna	AQUA	30.38100	75.42800	14:18:47	D	44.80
130	Barnala	Sehna	AQUA	30.40000	75.41100	14:18:47	D	15.90
131	Barnala	Sehna	AQUA	30.41000	75.30800	14:18:47	D	18.60
132	Barnala	Sehna	AQUA	30.42000	75.34400	14:18:47	D	32.60
133	Barnala	Sehna	AQUA	30.42300	75.33500	14:18:47	D	33.50
134	Barnala	Sehna	AQUA	30.42500	75.34900	14:18:47	D	31.90
135	Barnala	Sehna	AQUA	30.43800	75.41400	14:18:47	D	19.50
136	Barnala	Sehna	AQUA	30.44000	75.42800	14:18:47	D	14.60
137	Barnala	Sehna	AQUA	30.44400	75.37000	14:18:47	D	20.50
138	Barnala	Sehna	AQUA	30.44600	75.29700	14:18:47	D	25.10
139	Barnala	Sehna	AQUA	30.47400	75.45300	14:18:47	D	7.50
140	Barnala	Sehna	AQUA	30.47600	75.46700	14:18:47	D	14.90
141	Barnala	Sehna	AQUA	30.50200	75.41900	14:18:47	D	18.70
142	Barnala	Sehna	AQUA	30.50400	75.43300	14:18:47	D	12.30
143	Barnala	Sehna	AQUA	30.50600	75.44800	14:18:47	D	8.90
144	Barnala	Sehna	AQUA	30.50800	75.37500	14:18:47	D	12.70
145	Bathinda	Bathinda	S-NPP	30.09093	75.03731	14:32:15	D	5.90
146	Bathinda	Bathinda	S-NPP	30.09296	75.00838	14:32:15	D	6.60
147	Bathinda	Bathinda	S-NPP	30.09628	74.99094	14:32:15	D	9.90
148	Bathinda	Bathinda	S-NPP	30.09685	75.00626	14:32:15	D	9.30
149	Bathinda	Bathinda	S-NPP	30.09999	75.01908	12:51:58	D	2.40
150	Bathinda	Bathinda	S-NPP	30.12403	75.09711	12:51:58	D	4.00
151	Bathinda	Bathinda	S-NPP	30.12485	75.10056	12:51:58	D	6.30
152	Bathinda	Bathinda	S-NPP	30.12656	75.04351	14:32:15	D	4.60
153	Bathinda	Bathinda	S-NPP	30.12696	75.09726	12:51:58	D	5.90
154	Bathinda	Bathinda	S-NPP	30.14264	74.77331	14:32:15	D	3.20
155	Bathinda	Bathinda	S-NPP	30.15926	74.80664	14:32:15	D	6.70
156	Bathinda	Bathinda	S-NPP	30.16011	74.95189	12:51:58	D	1.50
157	Bathinda	Bathinda	S-NPP	30.16035	74.90653	12:51:58	D	2.20
158	Bathinda	Bathinda	S-NPP	30.16310	74.95340	14:32:15	D	10.60
159	Bathinda	Bathinda	S-NPP	30.16524	74.94980	14:32:15	D	22.20
160	Bathinda	Bathinda	S-NPP	30.19707	74.78337	12:51:58	D	2.20
161	Bathinda	Bathinda	S-NPP	30.21327	74.73595	12:51:58	D	7.50

162	Bathinda	Bathinda	S-NPP	30.23485	74.80645	14:32:15	D	10.80
163	Bathinda	Bathinda	S-NPP	30.24489	74.88136	14:32:15	D	10.10
164	Bathinda	Bathinda	S-NPP	30.25098	74.85841	14:32:15	D	5.20
165	Bathinda	Bathinda	S-NPP	30.25559	74.85580	14:32:15	D	7.60
166	Bathinda	Bathinda	AQUA	30.09300	75.03900	14:18:47	D	13.70
167	Bathinda	Bathinda	AQUA	30.16100	75.00800	14:18:47	D	14.50
168	Bathinda	Bathinda	AQUA	30.16500	74.95300	14:18:47	D	12.20
169	Bathinda	Bathinda	AQUA	30.17300	74.76400	14:18:47	D	8.20
170	Bathinda	Bathinda	AQUA	30.19000	74.83600	14:18:47	D	13.80
171	Bathinda	Bathinda	AQUA	30.22800	74.72300	14:18:47	D	6.20
172	Bathinda	Bathinda	AQUA	30.24700	74.88100	14:18:47	D	27.00
173	Bathinda	Bathinda	AQUA	30.25400	74.85300	14:18:47	D	8.00
174	Bathinda	Bhagta Bhai Ka	S-NPP	30.37948	75.14382	14:32:15	D	5.10
175	Bathinda	Bhagta Bhai Ka	S-NPP	30.38315	75.14334	14:32:15	D	8.70
176	Bathinda	Bhagta Bhai Ka	S-NPP	30.42693	75.12952	12:51:58	D	5.80
177	Bathinda	Bhagta Bhai Ka	S-NPP	30.43242	75.12556	14:32:15	D	7.30
178	Bathinda	Bhagta Bhai Ka	S-NPP	30.43954	75.12527	14:32:15	D	7.30
179	Bathinda	Bhagta Bhai Ka	S-NPP	30.46538	75.05421	12:51:58	D	2.80
180	Bathinda	Bhagta Bhai Ka	S-NPP	30.47102	75.12206	14:32:15	D	7.00
181	Bathinda	Bhagta Bhai Ka	S-NPP	30.48659	75.18908	12:51:58	D	2.70
182	Bathinda	Bhagta Bhai Ka	S-NPP	30.49720	75.02970	12:51:58	D	5.20
183	Bathinda	Bhagta Bhai Ka	S-NPP	30.52212	75.18173	12:51:58	D	2.10
184	Bathinda	Bhagta Bhai Ka	AQUA	30.43800	75.12800	14:18:47	D	8.80
185	Bathinda	Bhagta Bhai Ka	AQUA	30.48500	75.17700	14:18:47	D	9.80
186	Bathinda	Bhagta Bhai Ka	AQUA	30.50500	75.28100	14:18:47	D	17.00
187	Bathinda	Bhagta Bhai Ka	AQUA	30.51600	75.09500	14:18:47	D	8.60
188	Bathinda	Bhagta Bhai Ka	AQUA	30.55300	75.14600	14:18:47	D	12.30
189	Bathinda	Goniana Mandi	S-NPP	30.28439	74.96846	12:51:58	D	3.50
190	Bathinda	Goniana Mandi	S-NPP	30.29428	74.95305	14:32:15	D	5.40
191	Bathinda	Goniana Mandi	S-NPP	30.30016	74.98967	12:51:58	D	4.90
192	Bathinda	Goniana Mandi	S-NPP	30.30178	74.99661	12:51:58	D	4.10
193	Bathinda	Goniana Mandi	S-NPP	30.31035	75.00616	14:32:15	D	9.80
194	Bathinda	Goniana Mandi	S-NPP	30.31363	75.00848	14:32:15	D	9.00

195	Bathinda	Goniana Mandi	S-NPP	30.31508	75.00737	12:51:58	D	5.70
196	Bathinda	Goniana Mandi	S-NPP	30.31623	75.00214	12:51:58	D	5.60
197	Bathinda	Goniana Mandi	S-NPP	30.31706	75.00560	12:51:58	D	5.60
198	Bathinda	Goniana Mandi	S-NPP	30.33098	75.00614	12:51:58	D	2.60
199	Bathinda	Goniana Mandi	S-NPP	30.33299	75.00440	12:51:58	D	4.20
200	Bathinda	Goniana Mandi	S-NPP	30.33774	74.98193	14:32:15	D	3.50
201	Bathinda	Goniana Mandi	S-NPP	30.35041	75.03230	12:51:58	D	4.00
202	Bathinda	Goniana Mandi	S-NPP	30.35488	74.98280	12:51:58	D	3.00
203	Bathinda	Goniana Mandi	S-NPP	30.35492	74.70924	14:32:15	D	3.20
204	Bathinda	Goniana Mandi	S-NPP	30.36750	75.01935	14:32:15	D	10.80
205	Bathinda	Goniana Mandi	AQUA	30.29700	74.78500	14:18:47	D	13.30
206	Bathinda	Goniana Mandi	AQUA	30.31200	75.00000	14:18:47	D	86.90
207	Bathinda	Goniana Mandi	AQUA	30.37000	74.80900	14:18:47	D	11.40
208	Bathinda	Maur	S-NPP	29.98443	75.21018	12:51:58	D	4.70
209	Bathinda	Maur	S-NPP	30.00420	75.19070	14:32:15	D	5.00
210	Bathinda	Maur	S-NPP	30.00713	75.19227	12:51:58	D	7.50
211	Bathinda	Maur	S-NPP	30.03381	75.19146	12:51:58	D	2.40
212	Bathinda	Maur	S-NPP	30.03592	75.19132	12:51:58	D	4.00
213	Bathinda	Maur	S-NPP	30.04498	75.22818	14:32:15	D	8.10
214	Bathinda	Maur	S-NPP	30.06001	75.20227	12:51:58	D	3.20
215	Bathinda	Maur	S-NPP	30.06642	75.14709	14:32:15	D	12.20
216	Bathinda	Maur	S-NPP	30.07380	75.15459	14:32:15	D	14.90
217	Bathinda	Maur	S-NPP	30.07750	75.14841	14:32:15	D	11.80
218	Bathinda	Maur	S-NPP	30.09077	75.23265	14:32:15	D	7.90
219	Bathinda	Maur	S-NPP	30.09105	75.24057	14:32:15	D	7.90
220	Bathinda	Maur	S-NPP	30.09492	75.05450	14:32:15	D	5.20
221	Bathinda	Maur	S-NPP	30.09525	75.23421	14:32:15	D	10.30
222	Bathinda	Maur	S-NPP	30.09900	75.04651	12:51:58	D	2.60
223	Bathinda	Maur	S-NPP	30.10486	75.04843	12:51:58	D	5.30
224	Bathinda	Maur	S-NPP	30.10663	75.04684	12:51:58	D	4.70
225	Bathinda	Maur	S-NPP	30.11117	75.27338	14:32:15	D	6.60
226	Bathinda	Maur	S-NPP	30.11733	75.24929	14:32:15	D	4.90
227	Bathinda	Maur	S-NPP	30.12037	75.16183	12:51:58	D	6.60

228	Bathinda	Maur	S-NPP	30.12349	75.24464	12:51:58	D	0.50
229	Bathinda	Maur	S-NPP	30.12776	75.10071	12:51:58	D	5.80
230	Bathinda	Maur	S-NPP	30.13012	75.18076	12:51:58	D	1.70
231	Bathinda	Maur	S-NPP	30.13314	75.11275	12:51:58	D	3.50
232	Bathinda	Maur	S-NPP	30.13596	75.11293	12:51:58	D	6.90
233	Bathinda	Maur	S-NPP	30.13817	75.11121	12:51:58	D	3.50
234	Bathinda	Maur	S-NPP	30.15681	75.07600	12:51:58	D	2.10
235	Bathinda	Maur	AQUA	29.98900	75.19900	14:18:47	D	7.10
236	Bathinda	Maur	AQUA	30.02600	75.24900	14:18:47	D	12.00
237	Bathinda	Maur	AQUA	30.06900	75.19500	14:18:47	D	31.20
238	Bathinda	Maur	AQUA	30.07500	75.15300	14:18:47	D	12.90
239	Bathinda	Maur	AQUA	30.10300	75.21800	14:18:47	D	21.10
240	Bathinda	Maur	AQUA	30.12200	75.20100	14:18:47	D	19.50
241	Bathinda	Maur	AQUA	30.13700	75.24100	14:18:47	D	15.10
242	Bathinda	Maur	AQUA	30.14100	75.10800	14:18:47	D	29.30
243	Bathinda	Nathana	S-NPP	30.19374	75.12627	14:32:15	D	5.80
244	Bathinda	Nathana	S-NPP	30.19491	75.05201	14:32:15	D	7.60
245	Bathinda	Nathana	S-NPP	30.19708	75.06363	12:51:58	D	5.80
246	Bathinda	Nathana	S-NPP	30.19827	75.06385	14:32:15	D	8.90
247	Bathinda	Nathana	S-NPP	30.21275	75.15274	14:32:15	D	6.30
248	Bathinda	Nathana	S-NPP	30.21637	75.15683	14:32:15	D	5.40
249	Bathinda	Nathana	S-NPP	30.22021	75.04030	12:51:58	D	3.00
250	Bathinda	Nathana	S-NPP	30.22151	75.12239	12:51:58	D	2.40
251	Bathinda	Nathana	S-NPP	30.24689	75.06166	12:51:58	D	3.60
252	Bathinda	Nathana	S-NPP	30.25486	75.11805	12:51:58	D	4.40
253	Bathinda	Nathana	S-NPP	30.25801	75.03381	14:32:15	D	6.20
254	Bathinda	Nathana	S-NPP	30.26689	74.97726	14:32:15	D	4.30
255	Bathinda	Nathana	S-NPP	30.26907	75.13474	14:32:15	D	6.10
256	Bathinda	Nathana	S-NPP	30.29251	75.00320	12:51:58	D	6.80
257	Bathinda	Nathana	S-NPP	30.30540	75.05845	12:51:58	D	9.80
258	Bathinda	Nathana	S-NPP	30.34011	75.07958	12:51:58	D	5.80
259	Bathinda	Nathana	S-NPP	30.34266	75.07999	12:51:58	D	7.10
260	Bathinda	Nathana	S-NPP	30.35530	75.16605	12:51:58	D	2.60

261	Bathinda	Nathana	S-NPP	30.36711	75.08908	14:32:15	D	22.00
262	Bathinda	Nathana	S-NPP	30.39002	75.08622	12:51:58	D	9.40
263	Bathinda	Nathana	S-NPP	30.39082	75.08962	12:51:58	D	9.70
264	Bathinda	Nathana	S-NPP	30.39092	75.07287	14:32:15	D	4.70
265	Bathinda	Nathana	AQUA	30.15200	75.02300	14:18:47	D	36.10
266	Bathinda	Nathana	AQUA	30.23000	75.18600	14:18:47	D	43.30
267	Bathinda	Nathana	AQUA	30.23700	75.06000	14:18:47	D	17.60
268	Bathinda	Nathana	AQUA	30.27600	75.04000	14:18:47	D	32.90
269	Bathinda	Nathana	AQUA	30.27700	75.13700	14:18:47	D	21.60
270	Bathinda	Nathana	AQUA	30.29800	75.05700	14:18:47	D	10.30
271	Bathinda	Nathana	AQUA	30.36300	75.17300	14:18:47	D	18.40
272	Bathinda	Nathana	AQUA	30.38200	75.07200	14:18:47	D	17.10
273	Bathinda	Phul	S-NPP	30.30194	75.24421	14:32:15	D	10.60
274	Bathinda	Phul	S-NPP	30.30494	75.14124	14:32:15	D	14.60
275	Bathinda	Phul	S-NPP	30.30527	75.14910	14:32:15	D	14.60
276	Bathinda	Phul	S-NPP	30.30586	75.31175	12:51:58	D	3.90
277	Bathinda	Phul	S-NPP	30.30829	75.14659	14:32:15	D	15.90
278	Bathinda	Phul	S-NPP	30.33363	75.25674	14:32:15	D	16.90
279	Bathinda	Phul	S-NPP	30.33391	75.26474	14:32:15	D	16.90
280	Bathinda	Phul	S-NPP	30.39744	75.23837	14:32:15	D	14.00
281	Bathinda	Phul	S-NPP	30.40059	75.23791	14:32:15	D	14.20
282	Bathinda	Phul	S-NPP	30.40086	75.24591	14:32:15	D	13.90
283	Bathinda	Phul	S-NPP	30.40272	75.30212	14:32:15	D	3.80
284	Bathinda	Phul	S-NPP	30.40459	75.23813	14:32:15	D	6.20
285	Bathinda	Phul	S-NPP	30.40601	75.22258	12:51:58	D	4.30
286	Bathinda	Phul	S-NPP	30.41279	75.20612	12:51:58	D	2.50
287	Bathinda	Phul	S-NPP	30.41855	75.20795	12:51:58	D	4.30
288	Bathinda	Phul	AQUA	30.32800	75.31300	14:18:47	D	8.40
289	Bathinda	Phul	AQUA	30.33100	75.26300	14:18:47	D	9.70
290	Bathinda	Phul	AQUA	30.42000	75.24400	14:18:47	D	14.40
291	Bathinda	Phul	AQUA	30.42100	75.25800	14:18:47	D	11.70
292	Bathinda	Phul	AQUA	30.43400	75.18500	14:18:47	D	9.40
293	Bathinda	Rampura	S-NPP	30.15366	75.32897	12:51:58	D	7.20

294	Bathinda	Rampura	S-NPP	30.15608	75.22373	12:51:58	D	2.20
295	Bathinda	Rampura	S-NPP	30.15853	75.13545	14:32:15	D	5.90
296	Bathinda	Rampura	S-NPP	30.16046	75.29767	14:32:15	D	12.80
297	Bathinda	Rampura	S-NPP	30.16128	75.31593	12:51:58	D	5.30
298	Bathinda	Rampura	S-NPP	30.16309	75.25363	14:32:15	D	3.30
299	Bathinda	Rampura	S-NPP	30.16617	75.25210	12:51:58	D	1.30
300	Bathinda	Rampura	S-NPP	30.16789	75.30540	14:32:15	D	24.30
301	Bathinda	Rampura	S-NPP	30.16877	75.14958	12:51:58	D	1.90
302	Bathinda	Rampura	S-NPP	30.17008	75.33107	12:51:58	D	1.60
303	Bathinda	Rampura	S-NPP	30.17360	75.34126	14:32:15	D	4.20
304	Bathinda	Rampura	S-NPP	30.17362	75.32874	12:51:58	D	2.80
305	Bathinda	Rampura	S-NPP	30.17504	75.32955	12:51:58	D	1.60
306	Bathinda	Rampura	S-NPP	30.17828	75.28081	12:51:58	D	1.60
307	Bathinda	Rampura	S-NPP	30.17874	75.23745	12:51:58	D	2.20
308	Bathinda	Rampura	S-NPP	30.17931	75.21723	14:32:15	D	5.50
309	Bathinda	Rampura	S-NPP	30.18329	75.22112	14:32:15	D	7.20
310	Bathinda	Rampura	S-NPP	30.18531	75.24266	12:51:58	D	5.10
311	Bathinda	Rampura	S-NPP	30.18790	75.15784	14:32:15	D	5.90
312	Bathinda	Rampura	S-NPP	30.18822	75.16570	14:32:15	D	7.40
313	Bathinda	Rampura	S-NPP	30.19030	75.24114	12:51:58	D	5.10
314	Bathinda	Rampura	S-NPP	30.19168	75.16146	14:32:15	D	8.00
315	Bathinda	Rampura	S-NPP	30.19195	75.16934	14:32:15	D	8.00
316	Bathinda	Rampura	S-NPP	30.19534	75.16544	14:32:15	D	5.00
317	Bathinda	Rampura	S-NPP	30.19608	75.36470	14:32:15	D	5.60
318	Bathinda	Rampura	S-NPP	30.19630	75.29621	14:32:15	D	8.20
319	Bathinda	Rampura	S-NPP	30.20043	75.29214	14:32:15	D	9.70
320	Bathinda	Rampura	S-NPP	30.20791	75.29989	14:32:15	D	9.70
321	Bathinda	Rampura	S-NPP	30.21064	75.29565	14:32:15	D	7.90
322	Bathinda	Rampura	S-NPP	30.21500	75.21576	14:32:15	D	12.00
323	Bathinda	Rampura	S-NPP	30.21892	75.32752	14:32:15	D	5.50
324	Bathinda	Rampura	S-NPP	30.21899	75.21985	14:32:15	D	8.60
325	Bathinda	Rampura	S-NPP	30.21997	75.24363	14:32:15	D	7.60
326	Bathinda	Rampura	S-NPP	30.22047	75.21022	12:51:58	D	7.20

327	Bathinda	Rampura	S-NPP	30.22299	75.23926	14:32:15	D	8.00
328	Bathinda	Rampura	S-NPP	30.22327	75.24718	14:32:15	D	8.00
329	Bathinda	Rampura	S-NPP	30.23100	75.26285	14:32:15	D	4.60
330	Bathinda	Rampura	S-NPP	30.27610	75.25105	14:32:15	D	15.90
331	Bathinda	Rampura	AQUA	30.14700	75.32400	14:18:47	D	22.60
332	Bathinda	Rampura	AQUA	30.15100	75.10600	14:18:47	D	15.60
333	Bathinda	Rampura	AQUA	30.17800	75.15800	14:18:47	D	14.80
334	Bathinda	Rampura	AQUA	30.18400	75.21300	14:18:47	D	25.40
335	Bathinda	Rampura	AQUA	30.20300	75.28100	14:18:47	D	16.60
336	Bathinda	Rampura	AQUA	30.20900	75.33700	14:18:47	D	41.50
337	Bathinda	Rampura	AQUA	30.22800	75.32000	14:18:47	D	11.10
338	Bathinda	Rampura	AQUA	30.23200	75.20000	14:18:47	D	61.50
339	Bathinda	Rampura	AQUA	30.28100	75.26300	14:18:47	D	8.90
340	Bathinda	Rampura	AQUA	30.29600	75.30400	14:18:47	D	47.20
341	Bathinda	Sangat	S-NPP	29.98133	74.75533	12:51:58	D	1.40
342	Bathinda	Sangat	S-NPP	29.98227	74.85174	12:51:58	D	2.20
343	Bathinda	Sangat	S-NPP	30.00353	74.89494	12:51:58	D	1.80
344	Bathinda	Sangat	S-NPP	30.00957	74.82791	12:51:58	D	3.10
345	Bathinda	Sangat	S-NPP	30.01042	74.83150	12:51:58	D	3.10
346	Bathinda	Sangat	S-NPP	30.02324	74.81598	12:51:58	D	2.80
347	Bathinda	Sangat	S-NPP	30.02592	74.73375	12:51:58	D	1.50
348	Bathinda	Sangat	S-NPP	30.03264	74.80921	12:51:58	D	2.60
349	Bathinda	Sangat	S-NPP	30.03776	74.80762	12:51:58	D	2.70
350	Bathinda	Sangat	S-NPP	30.04077	74.81941	14:32:15	D	7.10
351	Bathinda	Sangat	S-NPP	30.04100	74.86813	12:51:58	D	2.50
352	Bathinda	Sangat	S-NPP	30.04210	74.77918	12:51:58	D	2.60
353	Bathinda	Sangat	S-NPP	30.04218	74.77843	12:51:58	D	2.90
354	Bathinda	Sangat	S-NPP	30.04283	74.82124	14:32:15	D	8.90
355	Bathinda	Sangat	S-NPP	30.05748	74.89374	14:32:15	D	10.10
356	Bathinda	Sangat	S-NPP	30.05967	74.88807	14:32:15	D	14.30
357	Bathinda	Sangat	S-NPP	30.09094	74.86716	12:51:58	D	1.70
358	Bathinda	Sangat	S-NPP	30.13938	74.66685	14:32:15	D	3.90
359	Bathinda	Sangat	S-NPP	30.14582	74.66969	14:32:15	D	8.70

360	Bathinda	Sangat	S-NPP	30.14632	74.66656	14:32:15	D	6.60
361	Bathinda	Sangat	S-NPP	30.15919	74.67110	12:51:58	D	3.20
362	Bathinda	Sangat	AQUA	30.03600	74.81900	14:18:47	D	41.70
363	Bathinda	Sangat	AQUA	30.03800	74.83200	14:18:47	D	18.60
364	Bathinda	Sangat	AQUA	30.04200	74.87100	14:18:47	D	34.30
365	Bathinda	Sangat	AQUA	30.04400	74.88400	14:18:47	D	7.10
366	Bathinda	Sangat	AQUA	30.04700	74.73800	14:18:47	D	24.00
367	Bathinda	Sangat	AQUA	30.06800	74.74800	14:18:47	D	7.30
368	Bathinda	Sangat	AQUA	30.10000	74.74900	14:18:47	D	7.10
369	Bathinda	Sangat	AQUA	30.11800	74.90600	14:18:47	D	9.30
370	Bathinda	Sangat	AQUA	30.12000	74.92000	14:18:47	D	13.00
371	Bathinda	Sangat	AQUA	30.14600	74.71500	14:18:47	D	10.90
372	Bathinda	Sangat	AQUA	30.15900	74.65500	14:18:47	D	15.20
373	Bathinda	Sangat	AQUA	30.16000	74.66000	14:18:47	D	27.30
374	Bathinda	Talwandi Sabo	S-NPP	29.80452	75.14958	12:51:58	D	2.70
375	Bathinda	Talwandi Sabo	S-NPP	29.81463	75.14651	12:51:58	D	4.00
376	Bathinda	Talwandi Sabo	S-NPP	29.81550	75.14497	12:51:58	D	4.50
377	Bathinda	Talwandi Sabo	S-NPP	29.83148	75.14386	12:51:58	D	2.80
378	Bathinda	Talwandi Sabo	S-NPP	29.93222	75.01086	12:51:58	D	3.20
379	Bathinda	Talwandi Sabo	S-NPP	29.94725	75.16646	12:51:58	D	2.60
380	Bathinda	Talwandi Sabo	S-NPP	29.94805	75.16989	12:51:58	D	4.00
381	Bathinda	Talwandi Sabo	S-NPP	29.95426	75.01443	14:32:15	D	3.50
382	Bathinda	Talwandi Sabo	S-NPP	29.96711	75.09003	12:51:58	D	2.80
383	Bathinda	Talwandi Sabo	S-NPP	29.96738	75.16032	12:51:58	D	4.90
384	Bathinda	Talwandi Sabo	S-NPP	29.98252	75.18366	14:32:15	D	6.80
385	Bathinda	Talwandi Sabo	S-NPP	29.98487	75.16602	12:51:58	D	4.10
386	Bathinda	Talwandi Sabo	S-NPP	29.98769	75.13660	14:32:15	D	8.60
387	Bathinda	Talwandi Sabo	S-NPP	29.99166	75.13629	14:32:15	D	10.90
388	Bathinda	Talwandi Sabo	S-NPP	29.99196	75.03384	12:51:58	D	4.00
389	Bathinda	Talwandi Sabo	S-NPP	29.99307	75.03417	12:51:58	D	4.60
390	Bathinda	Talwandi Sabo	S-NPP	29.99418	75.06680	12:51:58	D	3.40
391	Bathinda	Talwandi Sabo	S-NPP	29.99532	75.04317	14:32:15	D	7.80
392	Bathinda	Talwandi Sabo	S-NPP	29.99751	74.93863	12:51:58	D	6.50

393	Bathinda	Talwandi Sabo	S-NPP	29.99791	75.04335	14:32:15	D	13.20
394	Bathinda	Talwandi Sabo	S-NPP	30.00123	75.12041	12:51:58	D	4.30
395	Bathinda	Talwandi Sabo	S-NPP	30.00993	75.03651	12:51:58	D	2.40
396	Bathinda	Talwandi Sabo	S-NPP	30.01050	75.11384	12:51:58	D	5.40
397	Bathinda	Talwandi Sabo	S-NPP	30.01154	75.09499	12:51:58	D	1.70
398	Bathinda	Talwandi Sabo	S-NPP	30.01212	75.11394	12:51:58	D	4.50
399	Bathinda	Talwandi Sabo	S-NPP	30.01602	75.06756	12:51:58	D	3.90
400	Bathinda	Talwandi Sabo	S-NPP	30.02150	74.98835	14:32:15	D	6.80
401	Bathinda	Talwandi Sabo	S-NPP	30.02297	74.93082	12:51:58	D	2.90
402	Bathinda	Talwandi Sabo	S-NPP	30.02643	74.93486	14:32:15	D	8.10
403	Bathinda	Talwandi Sabo	S-NPP	30.02686	75.12704	14:32:15	D	8.10
404	Bathinda	Talwandi Sabo	S-NPP	30.04076	75.11869	14:32:15	D	14.80
405	Bathinda	Talwandi Sabo	S-NPP	30.04136	75.13422	14:32:15	D	7.40
406	Bathinda	Talwandi Sabo	S-NPP	30.05927	75.08475	12:51:58	D	2.30
407	Bathinda	Talwandi Sabo	AQUA	29.95600	75.17600	14:18:47	D	19.40
408	Bathinda	Talwandi Sabo	AQUA	29.96800	75.01000	14:18:47	D	16.60
409	Bathinda	Talwandi Sabo	AQUA	30.00500	75.15500	14:18:47	D	8.20
410	Bathinda	Talwandi Sabo	AQUA	30.02100	74.95500	14:18:47	D	12.90
411	Bathinda	Talwandi Sabo	AQUA	30.02700	75.00900	14:18:47	D	11.00
412	Bathinda	Talwandi Sabo	AQUA	30.02900	75.02200	14:18:47	D	10.20
413	Bathinda	Talwandi Sabo	AQUA	30.02900	75.11800	14:18:47	D	26.90
414	Bathinda	Talwandi Sabo	AQUA	30.03100	75.13200	14:18:47	D	23.70
415	Bathinda	Talwandi Sabo	AQUA	30.03200	75.12300	14:18:47	D	54.60
416	Bathinda	Talwandi Sabo	AQUA	30.05400	75.05900	14:18:47	D	11.70
417	Faridkot	Faridkot	S-NPP	30.63517	74.77390	12:51:58	D	2.60
418	Faridkot	Faridkot	S-NPP	30.64460	74.65275	12:51:58	D	1.30
419	Faridkot	Faridkot	S-NPP	30.66323	74.91473	12:51:58	D	5.30
420	Faridkot	Faridkot	S-NPP	30.66573	74.56730	14:32:15	D	5.00
421	Faridkot	Faridkot	S-NPP	30.66760	74.82111	14:32:15	D	3.30
422	Faridkot	Faridkot	S-NPP	30.67711	74.53332	12:51:58	D	3.50
423	Faridkot	Faridkot	S-NPP	30.69123	74.50766	14:32:15	D	7.10
424	Faridkot	Faridkot	S-NPP	30.69186	74.51011	14:32:15	D	6.60
425	Faridkot	Faridkot	S-NPP	30.69281	74.53194	14:32:15	D	7.70

426	Faridkot	Faridkot	S-NPP	30.69413	74.51236	12:51:58	D	4.90
427	Faridkot	Faridkot	S-NPP	30.69500	74.51598	12:51:58	D	9.10
428	Faridkot	Faridkot	S-NPP	30.69842	74.51461	14:32:15	D	7.10
429	Faridkot	Faridkot	S-NPP	30.70188	74.79680	14:32:15	D	11.10
430	Faridkot	Faridkot	S-NPP	30.70616	74.53619	14:32:15	D	17.30
431	Faridkot	Faridkot	S-NPP	30.70822	74.79886	12:51:58	D	2.80
432	Faridkot	Faridkot	S-NPP	30.70906	74.80235	12:51:58	D	3.50
433	Faridkot	Faridkot	S-NPP	30.71161	74.79884	12:51:58	D	3.40
434	Faridkot	Faridkot	S-NPP	30.71243	74.80233	12:51:58	D	3.30
435	Faridkot	Faridkot	S-NPP	30.72251	74.79913	12:51:58	D	5.40
436	Faridkot	Faridkot	S-NPP	30.72333	74.80263	12:51:58	D	5.40
437	Faridkot	Faridkot	S-NPP	30.72419	74.79757	12:51:58	D	6.00
438	Faridkot	Faridkot	S-NPP	30.72502	74.80105	12:51:58	D	6.00
439	Faridkot	Faridkot	S-NPP	30.73289	74.86700	12:51:58	D	3.30
440	Faridkot	Faridkot	S-NPP	30.73497	74.86522	12:51:58	D	1.70
441	Faridkot	Faridkot	S-NPP	30.73976	74.87136	14:32:15	D	7.20
442	Faridkot	Faridkot	S-NPP	30.74359	74.76520	12:51:58	D	1.60
443	Faridkot	Faridkot	S-NPP	30.74425	74.83617	12:51:58	D	1.50
444	Faridkot	Faridkot	S-NPP	30.75041	74.72531	12:51:58	D	1.20
445	Faridkot	Faridkot	S-NPP	30.76394	74.57451	12:51:58	D	2.80
446	Faridkot	Faridkot	S-NPP	30.76417	74.57561	12:51:58	D	3.30
447	Faridkot	Faridkot	S-NPP	30.76751	74.68132	14:32:15	D	5.50
448	Faridkot	Faridkot	S-NPP	30.76993	74.57009	14:32:15	D	5.70
449	Faridkot	Faridkot	S-NPP	30.77338	74.68007	14:32:15	D	8.30
450	Faridkot	Faridkot	S-NPP	30.77448	74.68105	14:32:15	D	5.50
451	Faridkot	Faridkot	S-NPP	30.77809	74.77110	14:32:15	D	5.00
452	Faridkot	Faridkot	S-NPP	30.78143	74.76462	12:51:58	D	2.50
453	Faridkot	Faridkot	S-NPP	30.81244	74.60393	14:32:15	D	10.60
454	Faridkot	Faridkot	S-NPP	30.81311	74.60526	14:32:15	D	12.70
455	Faridkot	Faridkot	AQUA	30.60700	74.74600	14:18:47	D	30.70
456	Faridkot	Faridkot	AQUA	30.60900	74.75900	14:18:47	D	77.70
457	Faridkot	Faridkot	AQUA	30.61900	74.67700	14:18:47	D	10.00
458	Faridkot	Faridkot	AQUA	30.63600	74.64000	14:18:47	D	12.40

459	Faridkot	Faridkot	AQUA	30.64100	74.68000	14:18:47	D	16.10
460	Faridkot	Faridkot	AQUA	30.66800	74.82400	14:18:47	D	9.80
461	Faridkot	Faridkot	AQUA	30.67400	74.52900	14:18:47	D	15.60
462	Faridkot	Faridkot	AQUA	30.68100	74.84900	14:18:47	D	7.80
463	Faridkot	Faridkot	AQUA	30.70300	74.86000	14:18:47	D	6.20
464	Faridkot	Faridkot	AQUA	30.72700	74.80100	14:18:47	D	9.20
465	Faridkot	Faridkot	AQUA	30.73400	74.52700	14:18:47	D	10.30
466	Faridkot	Faridkot	AQUA	30.74200	74.51200	14:18:47	D	16.50
467	Faridkot	Faridkot	AQUA	30.74300	74.77900	14:18:47	D	11.50
468	Faridkot	Faridkot	AQUA	30.74400	74.87500	14:18:47	D	14.20
469	Faridkot	Faridkot	AQUA	30.76100	74.66900	14:18:47	D	15.20
470	Faridkot	Faridkot	AQUA	30.76200	74.68200	14:18:47	D	11.60
471	Faridkot	Faridkot	AQUA	30.76400	74.69500	14:18:47	D	9.10
472	Faridkot	Faridkot	AQUA	30.83200	74.66400	14:18:47	D	8.40
473	Faridkot	Jaiton	S-NPP	30.40082	74.84132	14:32:15	D	16.30
474	Faridkot	Jaiton	S-NPP	30.41037	74.90938	14:32:15	D	5.20
475	Faridkot	Jaiton	S-NPP	30.41248	74.91000	14:32:15	D	7.30
476	Faridkot	Jaiton	S-NPP	30.41913	74.91063	12:51:58	D	3.50
477	Faridkot	Jaiton	S-NPP	30.42007	74.90910	12:51:58	D	3.40
478	Faridkot	Jaiton	S-NPP	30.43762	74.99050	12:51:58	D	2.00
479	Faridkot	Jaiton	S-NPP	30.44022	74.77183	14:32:15	D	3.70
480	Faridkot	Jaiton	S-NPP	30.44161	75.00775	12:51:58	D	2.40
481	Faridkot	Jaiton	S-NPP	30.44930	74.82410	14:32:15	D	13.00
482	Faridkot	Jaiton	S-NPP	30.45083	74.76353	12:51:58	D	4.30
483	Faridkot	Jaiton	S-NPP	30.45162	74.75410	14:32:15	D	8.40
484	Faridkot	Jaiton	S-NPP	30.45592	74.76193	12:51:58	D	12.40
485	Faridkot	Jaiton	S-NPP	30.45782	74.86169	14:32:15	D	4.30
486	Faridkot	Jaiton	S-NPP	30.46096	74.82141	14:32:15	D	7.10
487	Faridkot	Jaiton	S-NPP	30.46113	74.94557	14:32:15	D	12.50
488	Faridkot	Jaiton	S-NPP	30.46229	75.01847	12:51:58	D	1.20
489	Faridkot	Jaiton	S-NPP	30.46518	74.77810	12:51:58	D	4.40
490	Faridkot	Jaiton	S-NPP	30.46563	74.87244	12:51:58	D	3.00
491	Faridkot	Jaiton	S-NPP	30.47426	75.00459	14:32:15	D	4.60

492	Faridkot	Jaiton	S-NPP	30.47471	74.81325	14:32:15	D	30.00
493	Faridkot	Jaiton	S-NPP	30.47572	75.00696	12:51:58	D	4.50
494	Faridkot	Jaiton	S-NPP	30.47702	74.81549	14:32:15	D	27.40
495	Faridkot	Jaiton	S-NPP	30.47764	74.89665	14:32:15	D	4.70
496	Faridkot	Jaiton	S-NPP	30.47798	75.01436	14:32:15	D	12.80
497	Faridkot	Jaiton	S-NPP	30.48044	74.89886	14:32:15	D	6.10
498	Faridkot	Jaiton	S-NPP	30.48133	75.00429	14:32:15	D	4.60
499	Faridkot	Jaiton	S-NPP	30.48159	75.01205	14:32:15	D	15.50
500	Faridkot	Jaiton	S-NPP	30.48475	75.00634	14:32:15	D	7.80
501	Faridkot	Jaiton	S-NPP	30.50120	74.96474	14:32:15	D	6.90
502	Faridkot	Jaiton	S-NPP	30.50439	74.96693	14:32:15	D	8.40
503	Faridkot	Jaiton	S-NPP	30.50716	74.93365	14:32:15	D	5.70
504	Faridkot	Jaiton	S-NPP	30.52013	74.90242	14:32:15	D	5.80
505	Faridkot	Jaiton	S-NPP	30.52570	74.92104	12:51:58	D	10.80
506	Faridkot	Jaiton	S-NPP	30.52800	74.92113	12:51:58	D	9.20
507	Faridkot	Jaiton	S-NPP	30.53169	74.99328	12:51:58	D	4.20
508	Faridkot	Jaiton	S-NPP	30.53249	74.99671	12:51:58	D	4.20
509	Faridkot	Jaiton	S-NPP	30.53475	74.93680	12:51:58	D	1.70
510	Faridkot	Jaiton	S-NPP	30.53716	74.93685	12:51:58	D	2.20
511	Faridkot	Jaiton	S-NPP	30.54548	74.94910	12:51:58	D	1.60
512	Faridkot	Jaiton	AQUA	30.39500	74.84500	14:18:47	D	30.10
513	Faridkot	Jaiton	AQUA	30.39600	74.85800	14:18:47	D	12.80
514	Faridkot	Jaiton	AQUA	30.40800	74.87000	14:18:47	D	31.50
515	Faridkot	Jaiton	AQUA	30.44500	75.01500	14:18:47	D	9.70
516	Faridkot	Jaiton	AQUA	30.46300	74.98500	14:18:47	D	14.00
517	Faridkot	Jaiton	AQUA	30.47000	74.78600	14:18:47	D	9.00
518	Faridkot	Jaiton	AQUA	30.47900	74.94800	14:18:47	D	18.20
519	Faridkot	Jaiton	AQUA	30.48000	74.78400	14:18:47	D	48.10
520	Faridkot	Jaiton	AQUA	30.48200	74.89300	14:18:47	D	22.00
521	Faridkot	Jaiton	AQUA	30.48400	74.90600	14:18:47	D	12.20
522	Faridkot	Jaiton	AQUA	30.48500	74.82400	14:18:47	D	12.90
523	Faridkot	Jaiton	AQUA	30.49500	74.82300	14:18:47	D	14.40
524	Faridkot	Jaiton	AQUA	30.53100	74.87100	14:18:47	D	28.10

525	Faridkot	Jaiton	AQUA	30.53600	74.91200	14:18:47	D	10.20
526	Faridkot	Kot Kapura	S-NPP	30.49040	74.79980	14:32:15	D	8.90
527	Faridkot	Kot Kapura	S-NPP	30.49324	74.74476	14:32:15	D	5.90
528	Faridkot	Kot Kapura	S-NPP	30.53342	74.76155	12:51:58	D	3.00
529	Faridkot	Kot Kapura	S-NPP	30.53427	74.76510	12:51:58	D	3.00
530	Faridkot	Kot Kapura	S-NPP	30.57457	74.70667	14:32:15	D	5.10
531	Faridkot	Kot Kapura	S-NPP	30.57579	74.71135	14:32:15	D	8.50
532	Faridkot	Kot Kapura	S-NPP	30.57610	74.71882	14:32:15	D	8.50
533	Faridkot	Kot Kapura	S-NPP	30.57644	74.94320	12:51:58	D	7.30
534	Faridkot	Kot Kapura	S-NPP	30.57725	74.94664	12:51:58	D	7.30
535	Faridkot	Kot Kapura	S-NPP	30.58208	74.72129	14:32:15	D	12.90
536	Faridkot	Kot Kapura	S-NPP	30.58307	74.71854	14:32:15	D	8.50
537	Faridkot	Kot Kapura	AQUA	30.50400	74.72700	14:18:47	D	43.80
538	Faridkot	Kot Kapura	AQUA	30.53700	74.74900	14:18:47	D	10.30
539	Faridkot	Kot Kapura	AQUA	30.53700	74.75600	14:18:47	D	20.50
540	Faridkot	Kot Kapura	AQUA	30.53900	74.76200	14:18:47	D	12.80
541	Faridkot	Kot Kapura	AQUA	30.54800	74.85000	14:18:47	D	7.50
542	Faridkot	Kot Kapura	AQUA	30.56000	74.78000	14:18:47	D	8.50
543	Faridkot	Kot Kapura	AQUA	30.57300	74.71100	14:18:47	D	15.70
544	Faridkot	Kot Kapura	AQUA	30.57400	74.72400	14:18:47	D	22.20
545	Faridkot	Kot Kapura	AQUA	30.58700	74.92600	14:18:47	D	7.00
546	Fatehgarh Sahib	Amloh	S-NPP	30.54902	76.10574	01:41:58	N	19.90
547	Fatehgarh Sahib	Amloh	S-NPP	30.54956	76.10490	12:51:58	D	5.00
548	Fatehgarh Sahib	Amloh	TERRA	30.54400	76.10600	10:27:41	D	8.30
549	Fatehgarh Sahib	Khamanon	S-NPP	30.77822	76.36639	12:51:58	D	12.20
550	Fatehgarh Sahib	Khamanon	S-NPP	30.77949	76.37206	12:51:58	D	12.20
551	Fatehgarh Sahib	Khera	AQUA	30.61100	76.40800	14:18:47	D	15.90
552	Fatehgarh Sahib	Sirhind	S-NPP	30.50228	76.40663	12:51:58	D	6.40
553	Fatehgarh Sahib	Sirhind	S-NPP	30.60196	76.36259	12:51:58	D	5.90
554	Fatehgarh Sahib	Sirhind	S-NPP	30.60323	76.36832	12:51:58	D	5.90
555	Fazilka	Abohar	S-NPP	29.96439	74.42582	12:51:58	D	1.60
556	Fazilka	Abohar	S-NPP	30.08998	74.31914	14:32:15	D	4.10
557	Fazilka	Abohar	S-NPP	30.12913	74.33633	12:51:58	D	2.60

558	Fazilka	Abohar	S-NPP	30.13796	74.32374	14:32:15	D	10.50
559	Fazilka	Abohar	S-NPP	30.13860	74.33767	14:32:15	D	9.90
560	Fazilka	Abohar	S-NPP	30.13915	74.31918	14:32:15	D	6.60
561	Fazilka	Abohar	S-NPP	30.13943	74.32614	14:32:15	D	6.60
562	Fazilka	Abohar	S-NPP	30.13999	74.34013	14:32:15	D	10.10
563	Fazilka	Abohar	S-NPP	30.14073	74.26672	12:51:58	D	12.80
564	Fazilka	Abohar	S-NPP	30.14327	74.26547	12:51:58	D	13.40
565	Fazilka	Abohar	S-NPP	30.14553	74.29774	12:51:58	D	1.90
566	Fazilka	Abohar	S-NPP	30.14806	74.29744	12:51:58	D	1.70
567	Fazilka	Abohar	S-NPP	30.15998	74.14775	12:51:58	D	2.60
568	Fazilka	Abohar	S-NPP	30.17147	74.26488	12:51:58	D	2.20
569	Fazilka	Abohar	S-NPP	30.18684	74.31669	14:32:15	D	5.80
570	Fazilka	Abohar	S-NPP	30.18905	74.19714	12:51:58	D	10.00
571	Fazilka	Abohar	S-NPP	30.19682	74.23272	14:32:15	D	3.00
572	Fazilka	Abohar	S-NPP	30.21140	74.21915	12:51:58	D	8.00
573	Fazilka	Abohar	AQUA	30.10800	74.39800	14:18:47	D	11.60
574	Fazilka	Abohar	AQUA	30.10900	74.32200	14:18:47	D	8.20
575	Fazilka	Abohar	AQUA	30.14100	74.24900	14:18:47	D	6.20
576	Fazilka	Abohar	AQUA	30.14200	74.33600	14:18:47	D	6.60
577	Fazilka	Abohar	AQUA	30.14600	74.37400	14:18:47	D	22.20
578	Fazilka	Abohar	AQUA	30.18100	74.33000	14:18:47	D	5.90
579	Fazilka	Abohar	AQUA	30.19800	74.22700	14:18:47	D	12.70
580	Fazilka	Abohar	AQUA	30.20200	74.23200	14:18:47	D	16.00
581	Fazilka	Abohar	AQUA	30.27000	74.22100	14:18:47	D	6.10
582	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.33886	74.30534	14:32:15	D	5.70
583	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.33913	74.31233	14:32:15	D	5.70
584	Fazilka	Arniwala Sheikh Subanpur	S-NPP	30.34431	74.30629	14:32:15	D	9.20
585	Fazilka	Arniwala Sheikh Subanpur	AQUA	30.34100	74.30400	14:18:47	D	14.00
586	Fazilka	Fazilka	S-NPP	30.32471	73.99091	12:51:58	D	18.20
587	Fazilka	Fazilka	S-NPP	30.41241	73.96594	14:32:15	D	9.60
588	Fazilka	Fazilka	S-NPP	30.41673	74.06009	14:32:15	D	7.70
589	Fazilka	Fazilka	S-NPP	30.44687	73.98437	14:32:15	D	7.00
590	Fazilka	Fazilka	S-NPP	30.44931	73.98129	14:32:15	D	10.50

591	Fazilka	Fazilka	S-NPP	30.44959	73.98801	14:32:15	D	11.20
592	Fazilka	Fazilka	S-NPP	30.45996	73.97703	14:32:15	D	6.00
593	Fazilka	Fazilka	S-NPP	30.46613	74.10538	14:32:15	D	8.10
594	Fazilka	Fazilka	S-NPP	30.48696	74.07409	14:32:15	D	9.60
595	Fazilka	Fazilka	S-NPP	30.51241	74.03881	14:32:15	D	6.00
596	Fazilka	Fazilka	AQUA	30.33100	73.98300	14:18:47	D	23.50
597	Fazilka	Fazilka	AQUA	30.36300	74.04400	14:18:47	D	7.40
598	Fazilka	Fazilka	AQUA	30.36500	73.98200	14:18:47	D	6.70
599	Fazilka	Fazilka	AQUA	30.39700	73.92800	14:18:47	D	7.80
600	Fazilka	Fazilka	AQUA	30.40300	73.97600	14:18:47	D	28.20
601	Fazilka	Fazilka	AQUA	30.40500	73.98800	14:18:47	D	30.10
602	Fazilka	Fazilka	AQUA	30.41100	73.96300	14:18:47	D	24.70
603	Fazilka	Fazilka	AQUA	30.41400	73.98700	14:18:47	D	8.30
604	Fazilka	Fazilka	AQUA	30.42500	74.07100	14:18:47	D	9.60
605	Fazilka	Fazilka	AQUA	30.42600	74.08300	14:18:47	D	12.10
606	Fazilka	Fazilka	AQUA	30.44500	73.99400	14:18:47	D	25.90
607	Fazilka	Fazilka	AQUA	30.44600	74.00600	14:18:47	D	30.00
608	Fazilka	Fazilka	AQUA	30.44700	73.98800	14:18:47	D	5.60
609	Fazilka	Fazilka	AQUA	30.44800	74.00000	14:18:47	D	36.30
610	Fazilka	Fazilka	AQUA	30.44800	74.01800	14:18:47	D	7.50
611	Fazilka	Fazilka	AQUA	30.45200	73.95000	14:18:47	D	5.20
612	Fazilka	Fazilka	AQUA	30.45700	74.09100	14:18:47	D	6.90
613	Fazilka	Fazilka	AQUA	30.45800	74.08500	14:18:47	D	6.10
614	Fazilka	Fazilka	AQUA	30.47500	74.14400	14:18:47	D	19.50
615	Fazilka	Fazilka	AQUA	30.48100	74.10600	14:18:47	D	6.60
616	Fazilka	Fazilka	AQUA	30.48600	74.06800	14:18:47	D	15.90
617	Fazilka	Fazilka	AQUA	30.51500	74.06300	14:18:47	D	17.30
618	Fazilka	Guruhar Sahai	S-NPP	30.55343	74.32285	14:32:15	D	13.10
619	Fazilka	Guruhar Sahai	S-NPP	30.55865	74.31329	14:32:15	D	8.00
620	Fazilka	Guruhar Sahai	S-NPP	30.55998	74.31545	14:32:15	D	11.30
621	Fazilka	Guruhar Sahai	S-NPP	30.56026	74.32250	14:32:15	D	13.10
622	Fazilka	Guruhar Sahai	S-NPP	30.62709	74.30347	12:51:58	D	1.40
623	Fazilka	Guruhar Sahai	S-NPP	30.64334	74.37050	12:51:58	D	2.80

624	Fazilka	Guruhar Sahai	S-NPP	30.66761	74.25139	14:32:15	D	4.20
625	Fazilka	Guruhar Sahai	S-NPP	30.67144	74.35020	14:32:15	D	4.10
626	Fazilka	Guruhar Sahai	S-NPP	30.67612	74.30997	14:32:15	D	9.50
627	Fazilka	Guruhar Sahai	S-NPP	30.68688	74.24607	14:32:15	D	6.00
628	Fazilka	Guruhar Sahai	S-NPP	30.68776	74.24339	14:32:15	D	6.00
629	Fazilka	Guruhar Sahai	AQUA	30.55600	74.32100	14:18:47	D	12.10
630	Fazilka	Guruhar Sahai	AQUA	30.56700	74.33200	14:18:47	D	10.20
631	Fazilka	Guruhar Sahai	AQUA	30.60700	74.30600	14:18:47	D	18.50
632	Fazilka	Guruhar Sahai	AQUA	30.63600	74.30100	14:18:47	D	20.00
633	Fazilka	Guruhar Sahai	AQUA	30.64600	74.30000	14:18:47	D	39.20
634	Fazilka	Guruhar Sahai	AQUA	30.68500	74.36500	14:18:47	D	12.80
635	Fazilka	Jalalabad	S-NPP	30.43245	74.25874	14:32:15	D	4.60
636	Fazilka	Jalalabad	S-NPP	30.43334	74.25606	14:32:15	D	3.40
637	Fazilka	Jalalabad	S-NPP	30.46874	74.16018	14:32:15	D	11.90
638	Fazilka	Jalalabad	S-NPP	30.47046	74.16407	14:32:15	D	10.00
639	Fazilka	Jalalabad	S-NPP	30.47189	74.19856	14:32:15	D	16.00
640	Fazilka	Jalalabad	S-NPP	30.47303	74.22629	14:32:15	D	6.00
641	Fazilka	Jalalabad	S-NPP	30.47584	74.16676	14:32:15	D	6.90
642	Fazilka	Jalalabad	S-NPP	30.47810	74.18443	14:32:15	D	7.60
643	Fazilka	Jalalabad	S-NPP	30.48068	74.24682	14:32:15	D	5.80
644	Fazilka	Jalalabad	S-NPP	30.48255	74.12905	14:32:15	D	5.70
645	Fazilka	Jalalabad	S-NPP	30.48359	74.18712	14:32:15	D	15.10
646	Fazilka	Jalalabad	S-NPP	30.48488	74.18408	14:32:15	D	9.20
647	Fazilka	Jalalabad	S-NPP	30.48517	74.19099	14:32:15	D	10.00
648	Fazilka	Jalalabad	S-NPP	30.49166	74.18375	14:32:15	D	9.20
649	Fazilka	Jalalabad	S-NPP	30.49814	74.17651	14:32:15	D	12.70
650	Fazilka	Jalalabad	S-NPP	30.49843	74.18341	14:32:15	D	12.70
651	Fazilka	Jalalabad	S-NPP	30.50168	74.25980	14:32:15	D	4.50
652	Fazilka	Jalalabad	S-NPP	30.50462	74.16927	14:32:15	D	13.30
653	Fazilka	Jalalabad	S-NPP	30.50492	74.17618	14:32:15	D	12.70
654	Fazilka	Jalalabad	S-NPP	30.50522	74.18307	14:32:15	D	12.70
655	Fazilka	Jalalabad	S-NPP	30.50937	74.28043	14:32:15	D	7.80
656	Fazilka	Jalalabad	S-NPP	30.50967	74.28743	14:32:15	D	14.20

657	Fazilka	Jalalabad	S-NPP	30.52067	74.07240	14:32:15	D	28.60
658	Fazilka	Jalalabad	S-NPP	30.52769	74.23063	14:32:15	D	5.30
659	Fazilka	Jalalabad	S-NPP	30.52799	74.23756	14:32:15	D	5.30
660	Fazilka	Jalalabad	S-NPP	30.52830	74.24454	14:32:15	D	7.30
661	Fazilka	Jalalabad	S-NPP	30.53159	74.34247	12:51:58	D	1.90
662	Fazilka	Jalalabad	S-NPP	30.53541	74.25121	14:32:15	D	7.30
663	Fazilka	Jalalabad	S-NPP	30.53549	74.21144	14:32:15	D	7.00
664	Fazilka	Jalalabad	S-NPP	30.53683	74.24628	14:32:15	D	5.90
665	Fazilka	Jalalabad	S-NPP	30.54037	74.26277	12:51:58	D	2.90
666	Fazilka	Jalalabad	S-NPP	30.54066	74.16953	14:32:15	D	8.00
667	Fazilka	Jalalabad	S-NPP	30.54255	74.21805	14:32:15	D	7.00
668	Fazilka	Jalalabad	S-NPP	30.54527	74.16732	14:32:15	D	11.80
669	Fazilka	Jalalabad	S-NPP	30.54743	74.16917	14:32:15	D	7.20
670	Fazilka	Jalalabad	S-NPP	30.55642	74.22432	14:32:15	D	6.30
671	Fazilka	Jalalabad	S-NPP	30.55916	74.29432	14:32:15	D	3.80
672	Fazilka	Jalalabad	S-NPP	30.55985	74.29715	12:51:58	D	3.30
673	Fazilka	Jalalabad	S-NPP	30.56272	74.10458	14:32:15	D	3.60
674	Fazilka	Jalalabad	S-NPP	30.56488	74.26592	14:32:15	D	18.60
675	Fazilka	Jalalabad	S-NPP	30.56543	74.27994	14:32:15	D	7.50
676	Fazilka	Jalalabad	S-NPP	30.56853	74.10954	12:51:58	D	5.60
677	Fazilka	Jalalabad	S-NPP	30.56912	74.24267	14:32:15	D	5.80
678	Fazilka	Jalalabad	S-NPP	30.56976	74.25665	14:32:15	D	5.80
679	Fazilka	Jalalabad	S-NPP	30.57008	74.26363	14:32:15	D	5.80
680	Fazilka	Jalalabad	S-NPP	30.57076	74.13165	14:32:15	D	11.50
681	Fazilka	Jalalabad	S-NPP	30.57141	74.25858	14:32:15	D	10.80
682	Fazilka	Jalalabad	S-NPP	30.57225	74.27959	14:32:15	D	7.50
683	Fazilka	Jalalabad	S-NPP	30.57313	74.13333	14:32:15	D	8.90
684	Fazilka	Jalalabad	S-NPP	30.59459	74.15986	14:32:15	D	10.10
685	Fazilka	Jalalabad	AQUA	30.43600	74.24400	14:18:47	D	15.20
686	Fazilka	Jalalabad	AQUA	30.43800	74.25700	14:18:47	D	45.10
687	Fazilka	Jalalabad	AQUA	30.47300	74.22600	14:18:47	D	21.70
688	Fazilka	Jalalabad	AQUA	30.47500	74.23800	14:18:47	D	24.80
689	Fazilka	Jalalabad	AQUA	30.47600	74.23200	14:18:47	D	26.50

690	Fazilka	Jalalabad	AQUA	30.48400	74.13000	14:18:47	D	25.80
691	Fazilka	Jalalabad	AQUA	30.49000	74.18000	14:18:47	D	35.20
692	Fazilka	Jalalabad	AQUA	30.50700	74.16400	14:18:47	D	9.80
693	Fazilka	Jalalabad	AQUA	30.50900	74.17600	14:18:47	D	15.80
694	Fazilka	Jalalabad	AQUA	30.51400	74.30200	14:18:47	D	10.50
695	Fazilka	Jalalabad	AQUA	30.51600	74.07500	14:18:47	D	46.90
696	Fazilka	Jalalabad	AQUA	30.51600	74.31500	14:18:47	D	9.00
697	Fazilka	Jalalabad	AQUA	30.51800	74.08700	14:18:47	D	19.70
698	Fazilka	Jalalabad	AQUA	30.51900	74.17500	14:18:47	D	40.20
699	Fazilka	Jalalabad	AQUA	30.53300	74.21000	14:18:47	D	12.70
700	Fazilka	Jalalabad	AQUA	30.54200	74.20900	14:18:47	D	30.40
701	Fazilka	Jalalabad	AQUA	30.54600	74.15800	14:18:47	D	10.30
702	Fazilka	Jalalabad	AQUA	30.54800	74.17000	14:18:47	D	24.10
703	Fazilka	Jalalabad	AQUA	30.56300	74.18600	14:18:47	D	13.30
704	Fazilka	Jalalabad	AQUA	30.58500	74.12000	14:18:47	D	10.30
705	Fazilka	Jalalabad	AQUA	30.60200	74.26800	14:18:47	D	17.80
706	Fazilka	Khuiian Sarwar	S-NPP	30.04904	74.05182	12:51:58	D	3.50
707	Fazilka	Khuiian Sarwar	S-NPP	30.20018	74.00823	14:32:15	D	4.60
708	Fazilka	Khuiian Sarwar	S-NPP	30.20907	74.05476	14:32:15	D	3.90
709	Fazilka	Khuiian Sarwar	S-NPP	30.23727	73.99122	12:51:58	D	2.70
710	Fazilka	Khuiian Sarwar	S-NPP	30.26415	74.07902	14:32:15	D	8.90
711	Fazilka	Khuiian Sarwar	S-NPP	30.26477	74.04232	14:32:15	D	6.70
712	Fazilka	Khuiian Sarwar	S-NPP	30.26624	74.07595	14:32:15	D	5.70
713	Fazilka	Khuiian Sarwar	S-NPP	30.26922	74.04513	14:32:15	D	9.20
714	Fazilka	Khuiian Sarwar	S-NPP	30.27731	74.02145	14:32:15	D	6.50
715	Fazilka	Khuiian Sarwar	S-NPP	30.28703	74.03076	12:51:58	D	2.30
716	Fazilka	Khuiian Sarwar	S-NPP	30.29234	74.02905	12:51:58	D	2.90
717	Fazilka	Khuiian Sarwar	S-NPP	30.31940	73.99260	12:51:58	D	3.30
718	Fazilka	Khuiian Sarwar	AQUA	30.22600	74.03000	14:18:47	D	19.90
719	Fazilka	Khuiian Sarwar	AQUA	30.23800	74.12600	14:18:47	D	18.20
720	Fazilka	Khuiian Sarwar	AQUA	30.27100	74.07200	14:18:47	D	10.00
721	Fazilka	Khuiian Sarwar	AQUA	30.27400	73.99200	14:18:47	D	6.40
722	Fazilka	Khuiian Sarwar	AQUA	30.27700	74.01600	14:18:47	D	6.70

723	Fazilka	Khuian Sarwar	AQUA	30.27800	74.02800	14:18:47	D	6.40
724	Fazilka	Khuian Sarwar	AQUA	30.31000	73.97400	14:18:47	D	6.60
725	Fazilka	Khuian Sarwar	AQUA	30.31200	73.98600	14:18:47	D	11.30
726	Firozpur	Firozpur	S-NPP	30.81329	74.57436	12:51:58	D	1.50
727	Firozpur	Firozpur	S-NPP	30.89600	74.64257	14:32:15	D	4.50
728	Firozpur	Firozpur	S-NPP	30.89764	74.64500	14:32:15	D	6.00
729	Firozpur	Firozpur	AQUA	30.85900	74.63300	14:18:47	D	12.70
730	Firozpur	Ghall Khurd	S-NPP	30.74986	74.90497	12:51:58	D	1.60
731	Firozpur	Ghall Khurd	S-NPP	30.76116	74.87830	14:32:15	D	11.20
732	Firozpur	Ghall Khurd	S-NPP	30.76203	74.90131	14:32:15	D	7.80
733	Firozpur	Ghall Khurd	S-NPP	30.76623	74.88512	14:32:15	D	5.30
734	Firozpur	Ghall Khurd	S-NPP	30.78752	74.83150	14:32:15	D	7.90
735	Firozpur	Ghall Khurd	S-NPP	30.80563	74.91333	12:51:58	D	4.40
736	Firozpur	Ghall Khurd	S-NPP	30.80788	74.83112	12:51:58	D	2.40
737	Firozpur	Ghall Khurd	S-NPP	30.80859	74.83070	14:32:15	D	6.00
738	Firozpur	Ghall Khurd	S-NPP	30.82232	74.87506	14:32:15	D	6.00
739	Firozpur	Ghall Khurd	S-NPP	30.82454	74.87594	14:32:15	D	4.90
740	Firozpur	Ghall Khurd	S-NPP	30.82495	74.75301	14:32:15	D	3.40
741	Firozpur	Ghall Khurd	S-NPP	30.84223	74.65466	14:32:15	D	9.90
742	Firozpur	Ghall Khurd	S-NPP	30.85064	74.69173	14:32:15	D	6.00
743	Firozpur	Ghall Khurd	S-NPP	30.86320	74.70396	14:32:15	D	5.70
744	Firozpur	Ghall Khurd	S-NPP	30.86519	74.70621	14:32:15	D	3.80
745	Firozpur	Ghall Khurd	S-NPP	30.90883	74.65504	12:51:58	D	3.10
746	Firozpur	Ghall Khurd	S-NPP	30.90975	74.79778	12:51:58	D	3.50
747	Firozpur	Ghall Khurd	S-NPP	30.91020	74.64943	14:32:15	D	9.80
748	Firozpur	Ghall Khurd	S-NPP	30.91056	74.80124	12:51:58	D	3.50
749	Firozpur	Ghall Khurd	S-NPP	31.00772	74.76770	12:51:58	D	6.00
750	Firozpur	Ghall Khurd	S-NPP	31.00853	74.77118	12:51:58	D	6.00
751	Firozpur	Ghall Khurd	S-NPP	31.02618	74.75443	12:51:58	D	2.70
752	Firozpur	Ghall Khurd	S-NPP	31.02758	74.75275	12:51:58	D	2.90
753	Firozpur	Ghall Khurd	AQUA	30.76700	74.89900	14:18:47	D	18.40
754	Firozpur	Ghall Khurd	AQUA	30.78700	74.89600	14:18:47	D	11.90
755	Firozpur	Ghall Khurd	AQUA	30.81100	74.83700	14:18:47	D	15.80

756	Firozpur	Ghall Khurd	AQUA	30.81300	74.85100	14:18:47	D	39.20
757	Firozpur	Ghall Khurd	AQUA	30.83100	74.65100	14:18:47	D	15.60
758	Firozpur	Ghall Khurd	AQUA	30.87700	74.87500	14:18:47	D	19.10
759	Firozpur	Ghall Khurd	AQUA	30.90500	74.76100	14:18:47	D	6.40
760	Firozpur	Ghall Khurd	AQUA	30.93800	74.70900	14:18:47	D	9.90
761	Firozpur	Ghall Khurd	AQUA	30.94800	74.70800	14:18:47	D	14.00
762	Firozpur	Guruhar Sahai	S-NPP	30.62766	74.46221	14:32:15	D	5.80
763	Firozpur	Guruhar Sahai	S-NPP	30.63455	74.46190	14:32:15	D	5.80
764	Firozpur	Guruhar Sahai	S-NPP	30.63874	74.39704	14:32:15	D	8.80
765	Firozpur	Guruhar Sahai	S-NPP	30.64423	74.37421	12:51:58	D	3.60
766	Firozpur	Guruhar Sahai	S-NPP	30.65262	74.45480	12:51:58	D	3.50
767	Firozpur	Guruhar Sahai	S-NPP	30.67691	74.31439	14:32:15	D	13.70
768	Firozpur	Guruhar Sahai	S-NPP	30.68753	74.26009	14:32:15	D	9.30
769	Firozpur	Guruhar Sahai	S-NPP	30.68861	74.26443	14:32:15	D	8.40
770	Firozpur	Guruhar Sahai	S-NPP	30.69192	74.27067	12:51:58	D	2.00
771	Firozpur	Guruhar Sahai	S-NPP	30.69367	74.39202	14:32:15	D	6.20
772	Firozpur	Guruhar Sahai	S-NPP	30.69479	74.42069	14:32:15	D	11.20
773	Firozpur	Guruhar Sahai	S-NPP	30.69492	74.42323	14:32:15	D	7.40
774	Firozpur	Guruhar Sahai	S-NPP	30.70539	74.34146	14:32:15	D	9.70
775	Firozpur	Guruhar Sahai	S-NPP	30.70882	74.42725	14:32:15	D	6.40
776	Firozpur	Guruhar Sahai	S-NPP	30.70906	74.26344	14:32:15	D	11.30
777	Firozpur	Guruhar Sahai	S-NPP	30.71588	74.26311	14:32:15	D	11.30
778	Firozpur	Guruhar Sahai	S-NPP	30.73219	74.32598	14:32:15	D	4.30
779	Firozpur	Guruhar Sahai	S-NPP	30.76841	74.35147	14:32:15	D	7.00
780	Firozpur	Guruhar Sahai	AQUA	30.63700	74.39100	14:18:47	D	11.50
781	Firozpur	Guruhar Sahai	AQUA	30.64300	74.44200	14:18:47	D	33.00
782	Firozpur	Guruhar Sahai	AQUA	30.64500	74.45500	14:18:47	D	18.30
783	Firozpur	Guruhar Sahai	AQUA	30.69100	74.24800	14:18:47	D	23.20
784	Firozpur	Guruhar Sahai	AQUA	30.69100	74.41600	14:18:47	D	13.90
785	Firozpur	Guruhar Sahai	AQUA	30.71600	74.37300	14:18:47	D	9.70
786	Firozpur	Guruhar Sahai	AQUA	30.72300	74.26900	14:18:47	D	10.20
787	Firozpur	Guruhar Sahai	AQUA	30.72500	74.44900	14:18:47	D	15.90
788	Firozpur	Guruhar Sahai	AQUA	30.72600	74.46200	14:18:47	D	6.50

789	Firozpur	Guruhar Sahai	AQUA	30.72900	74.31900	14:18:47	D	8.40
790	Firozpur	Guruhar Sahai	AQUA	30.73100	74.33200	14:18:47	D	8.10
791	Firozpur	Guruhar Sahai	AQUA	30.73200	74.42200	14:18:47	D	19.90
792	Firozpur	Makhu	S-NPP	31.06512	74.94446	12:51:58	D	1.40
793	Firozpur	Makhu	S-NPP	31.07969	75.02898	14:32:15	D	3.00
794	Firozpur	Makhu	S-NPP	31.08485	74.83461	12:51:58	D	3.20
795	Firozpur	Makhu	S-NPP	31.09552	74.85697	12:51:58	D	2.00
796	Firozpur	Makhu	S-NPP	31.10945	74.95473	14:32:15	D	10.80
797	Firozpur	Makhu	AQUA	31.11100	74.95200	14:18:47	D	22.60
798	Firozpur	Mamdot	S-NPP	30.78106	74.41705	12:51:58	D	1.80
799	Firozpur	Mamdot	S-NPP	30.85619	74.45329	12:51:58	D	1.20
800	Firozpur	Mamdot	AQUA	30.79100	74.31500	14:18:47	D	5.90
801	Firozpur	Zira	S-NPP	30.92340	74.93300	14:32:15	D	4.40
802	Firozpur	Zira	S-NPP	30.92717	74.93035	14:32:15	D	6.10
803	Firozpur	Zira	S-NPP	30.98483	74.82781	14:32:15	D	6.90
804	Firozpur	Zira	S-NPP	30.98567	74.83401	12:51:58	D	4.30
805	Firozpur	Zira	S-NPP	30.98656	75.05869	12:51:58	D	2.70
806	Firozpur	Zira	S-NPP	30.98807	74.92817	14:32:15	D	6.30
807	Firozpur	Zira	S-NPP	31.00487	74.82423	12:51:58	D	6.30
808	Firozpur	Zira	S-NPP	31.00524	75.02144	14:32:15	D	6.10
809	Firozpur	Zira	S-NPP	31.00897	74.85012	14:32:15	D	5.30
810	Firozpur	Zira	S-NPP	31.01822	74.92645	12:51:58	D	2.00
811	Firozpur	Zira	S-NPP	31.02319	74.92488	12:51:58	D	5.10
812	Firozpur	Zira	S-NPP	31.03023	74.91873	14:32:15	D	19.10
813	Firozpur	Zira	S-NPP	31.03289	74.91879	14:32:15	D	9.70
814	Firozpur	Zira	S-NPP	31.03320	74.92656	14:32:15	D	14.60
815	Firozpur	Zira	AQUA	30.92300	74.93200	14:18:47	D	14.30
816	Firozpur	Zira	AQUA	30.92600	74.93700	14:18:47	D	9.90
817	Firozpur	Zira	AQUA	30.95900	74.88500	14:18:47	D	6.80
818	Firozpur	Zira	AQUA	30.96900	74.88300	14:18:47	D	7.50
819	Firozpur	Zira	AQUA	30.97000	75.08000	14:18:47	D	10.00
820	Firozpur	Zira	AQUA	30.98500	75.02100	14:18:47	D	14.00
821	Firozpur	Zira	AQUA	31.00600	74.93300	14:18:47	D	6.20

822	Firozpur	Zira	AQUA	31.02100	74.89600	14:18:47	D	27.80
823	Firozpur	Zira	AQUA	31.04000	74.87900	14:18:47	D	6.20
824	Hoshiarpur	Garh Shankar	AQUA	31.14400	76.16100	14:18:47	D	17.40
825	Hoshiarpur	Garh Shankar	AQUA	31.14700	76.17100	14:18:47	D	11.50
826	Jalandhar	Lohian	S-NPP	31.13280	75.28262	12:51:58	D	7.10
827	Jalandhar	Mehatpur	S-NPP	30.99095	75.55286	14:32:15	D	4.40
828	Jalandhar	Mehatpur	S-NPP	30.99191	75.55371	14:32:15	D	7.50
829	Jalandhar	Nur Mahal	S-NPP	31.01437	75.58376	12:51:58	D	4.50
830	Jalandhar	Nur Mahal	S-NPP	31.02252	75.57459	12:51:58	D	3.90
831	Jalandhar	Nur Mahal	S-NPP	31.03741	75.55000	12:51:58	D	3.70
832	Jalandhar	Nur Mahal	S-NPP	31.05939	75.62313	12:51:58	D	6.10
833	Jalandhar	Phillaur	AQUA	31.01600	75.92400	14:18:47	D	10.90
834	Jalandhar	Shahkot	S-NPP	31.07116	75.33601	12:51:58	D	3.10
835	Jalandhar	Shahkot	S-NPP	31.07217	75.33585	12:51:58	D	5.60
836	Jalandhar	Shahkot	S-NPP	31.07624	75.28636	12:51:58	D	10.10
837	Jalandhar	Shahkot	S-NPP	31.09236	75.28828	12:51:58	D	4.80
838	Jalandhar	Shahkot	S-NPP	31.10541	75.36678	12:51:58	D	2.80
839	Ludhiana	Dehlon	S-NPP	30.73246	75.82745	12:51:58	D	6.40
840	Ludhiana	Dehlon	S-NPP	30.80919	75.88187	12:51:58	D	5.00
841	Ludhiana	Dehlon	S-NPP	30.81056	75.88792	12:51:58	D	6.50
842	Ludhiana	Jagraon	S-NPP	30.66539	75.48287	14:32:15	D	6.20
843	Ludhiana	Jagraon	S-NPP	30.72168	75.40778	12:51:58	D	6.50
844	Ludhiana	Jagraon	S-NPP	30.73662	75.40421	14:32:15	D	5.00
845	Ludhiana	Jagraon	S-NPP	30.76404	75.52490	12:51:58	D	3.80
846	Ludhiana	Jagraon	S-NPP	30.76582	75.52921	12:51:58	D	12.20
847	Ludhiana	Jagraon	S-NPP	30.76888	75.52341	12:51:58	D	3.80
848	Ludhiana	Jagraon	S-NPP	30.82203	75.59296	12:51:58	D	5.10
849	Ludhiana	Jagraon	AQUA	30.75800	75.43500	14:18:47	D	19.20
850	Ludhiana	Jagraon	AQUA	30.82700	75.43400	14:18:47	D	22.50
851	Ludhiana	Khanna	S-NPP	30.56973	76.10520	12:51:58	D	5.80
852	Ludhiana	Khanna	AQUA	30.61700	76.11900	14:18:47	D	13.70
853	Ludhiana	Ludhiana 2	AQUA	30.92400	76.02400	14:18:47	D	8.60
854	Ludhiana	Ludhiana 2	AQUA	30.93500	76.02300	14:18:47	D	9.10

855	Ludhiana	Maloud	AQUA	30.68100	75.99700	14:18:47	D	13.20
856	Ludhiana	Maloud	AQUA	30.68500	76.00700	14:18:47	D	6.60
857	Ludhiana	Pakhawal	S-NPP	30.66829	75.81416	12:51:58	D	6.20
858	Ludhiana	Raikot	S-NPP	30.59576	75.58588	14:32:15	D	4.70
859	Ludhiana	Raikot	S-NPP	30.60354	75.60249	14:32:15	D	3.40
860	Ludhiana	Raikot	S-NPP	30.61663	75.55144	14:32:15	D	4.10
861	Ludhiana	Raikot	S-NPP	30.61738	75.57659	14:32:15	D	7.00
862	Ludhiana	Raikot	S-NPP	30.66904	75.54032	12:51:58	D	6.60
863	Ludhiana	Raikot	S-NPP	30.67266	75.53918	12:51:58	D	15.20
864	Ludhiana	Raikot	S-NPP	30.73350	75.53755	14:32:15	D	6.00
865	Ludhiana	Raikot	AQUA	30.61200	75.57400	14:18:47	D	40.80
866	Ludhiana	Raikot	AQUA	30.64200	75.50400	14:18:47	D	15.00
867	Ludhiana	Sidhwan Bet	S-NPP	30.81557	75.38511	14:32:15	D	6.80
868	Ludhiana	Sidhwan Bet	S-NPP	30.81764	75.38464	14:32:15	D	8.60
869	Ludhiana	Sidhwan Bet	S-NPP	30.82424	75.42266	12:51:58	D	6.30
870	Ludhiana	Sidhwan Bet	S-NPP	30.82571	75.42907	12:51:58	D	6.30
871	Ludhiana	Sidhwan Bet	S-NPP	30.94641	75.45168	12:51:58	D	3.40
872	Ludhiana	Sidhwan Bet	S-NPP	30.95170	75.56483	12:51:58	D	6.50
873	Ludhiana	Sudhar	S-NPP	30.78348	75.60471	12:51:58	D	5.40
874	Ludhiana	Sudhar	S-NPP	30.79848	75.64690	12:51:58	D	3.10
875	Malerkotla	Ahmedgarh	S-NPP	30.66316	75.88091	12:51:58	D	7.30
876	Malerkotla	Ahmedgarh	AQUA	30.61400	75.78700	14:18:47	D	21.80
877	Malerkotla	Amargarh	S-NPP	30.40232	76.00414	12:51:58	D	11.10
878	Malerkotla	Amargarh	S-NPP	30.44381	75.93990	12:51:58	D	4.40
879	Malerkotla	Amargarh	S-NPP	30.44579	75.93715	12:51:58	D	7.30
880	Malerkotla	Amargarh	S-NPP	30.49839	76.05661	12:51:58	D	9.30
881	Malerkotla	Amargarh	S-NPP	30.52001	76.06293	12:51:58	D	7.60
882	Malerkotla	Amargarh	S-NPP	30.52003	76.01817	12:51:58	D	3.90
883	Malerkotla	Amargarh	S-NPP	30.54573	76.00208	12:51:58	D	2.90
884	Malerkotla	Amargarh	AQUA	30.38600	76.01100	14:18:47	D	19.60
885	Malerkotla	Amargarh	AQUA	30.40600	75.99200	14:18:47	D	74.40
886	Malerkotla	Amargarh	AQUA	30.41100	76.00100	14:18:47	D	25.30
887	Malerkotla	Amargarh	AQUA	30.45800	76.02600	14:18:47	D	33.70

888	Malerkotla	Amargarh	AQUA	30.49600	76.06800	14:18:47	D	15.00
889	Malerkotla	Malerkotla	S-NPP	30.43994	75.86710	12:51:58	D	19.50
890	Malerkotla	Malerkotla	S-NPP	30.45686	75.82919	12:51:58	D	11.40
891	Malerkotla	Malerkotla	S-NPP	30.47743	75.82957	12:51:58	D	4.90
892	Malerkotla	Malerkotla	S-NPP	30.50684	75.80859	14:32:15	D	7.80
893	Malerkotla	Malerkotla	S-NPP	30.51420	75.80836	14:32:15	D	11.00
894	Malerkotla	Malerkotla	AQUA	30.45600	75.80700	14:18:47	D	10.50
895	Malerkotla	Malerkotla	AQUA	30.46100	75.85200	14:18:47	D	19.30
896	Malerkotla	Malerkotla	AQUA	30.47700	75.89700	14:18:47	D	14.00
897	Malerkotla	Malerkotla	AQUA	30.50600	75.84000	14:18:47	D	16.00
898	Malerkotla	Malerkotla	AQUA	30.56900	75.87100	14:18:47	D	9.70
899	Malerkotla	Malerkotla	AQUA	30.58000	76.01800	14:18:47	D	9.80
900	Mansa	Bhikhi	S-NPP	29.96057	75.48912	14:32:15	D	8.30
901	Mansa	Bhikhi	S-NPP	30.03686	75.60181	14:32:15	D	7.20
902	Mansa	Bhikhi	S-NPP	30.03880	75.51212	12:51:58	D	2.70
903	Mansa	Bhikhi	S-NPP	30.05283	75.50439	12:51:58	D	5.80
904	Mansa	Bhikhi	S-NPP	30.05358	75.50766	12:51:58	D	5.80
905	Mansa	Bhikhi	S-NPP	30.05838	75.59270	14:32:15	D	6.20
906	Mansa	Bhikhi	S-NPP	30.08140	75.62527	14:32:15	D	2.00
907	Mansa	Bhikhi	S-NPP	30.08906	75.41615	12:51:58	D	2.60
908	Mansa	Bhikhi	S-NPP	30.09050	75.41547	12:51:58	D	2.20
909	Mansa	Bhikhi	S-NPP	30.10136	75.57455	14:32:15	D	5.10
910	Mansa	Bhikhi	S-NPP	30.10724	75.51597	12:51:58	D	13.90
911	Mansa	Bhikhi	S-NPP	30.10805	75.51564	12:51:58	D	7.10
912	Mansa	Bhikhi	S-NPP	30.11013	75.42627	14:32:15	D	12.70
913	Mansa	Bhikhi	S-NPP	30.11174	75.42455	14:32:15	D	11.50
914	Mansa	Bhikhi	S-NPP	30.11206	75.47527	14:32:15	D	7.90
915	Mansa	Bhikhi	S-NPP	30.11270	75.49163	14:32:15	D	15.90
916	Mansa	Bhikhi	S-NPP	30.11340	75.47353	14:32:15	D	11.30
917	Mansa	Bhikhi	S-NPP	30.11395	75.48991	14:32:15	D	10.00
918	Mansa	Bhikhi	S-NPP	30.11422	75.49812	14:32:15	D	10.00
919	Mansa	Bhikhi	S-NPP	30.12912	75.54050	14:32:15	D	4.20
920	Mansa	Bhikhi	S-NPP	30.13010	75.53879	14:32:15	D	5.00

921	Mansa	Bhikhi	S-NPP	30.13372	75.49406	12:51:58	D	2.20
922	Mansa	Bhikhi	S-NPP	30.14017	75.62175	14:32:15	D	8.90
923	Mansa	Bhikhi	S-NPP	30.16970	75.36173	14:32:15	D	6.00
924	Mansa	Bhikhi	S-NPP	30.17451	75.36546	14:32:15	D	9.50
925	Mansa	Bhikhi	AQUA	30.00400	75.51000	14:18:47	D	10.30
926	Mansa	Bhikhi	AQUA	30.03500	75.50500	14:18:47	D	9.60
927	Mansa	Bhikhi	AQUA	30.04100	75.56200	14:18:47	D	32.00
928	Mansa	Bhikhi	AQUA	30.05600	75.50200	14:18:47	D	17.80
929	Mansa	Bhikhi	AQUA	30.06600	75.50000	14:18:47	D	8.30
930	Mansa	Bhikhi	AQUA	30.08500	75.57100	14:18:47	D	17.30
931	Mansa	Bhikhi	AQUA	30.09500	75.41800	14:18:47	D	7.80
932	Mansa	Bhikhi	AQUA	30.10300	75.59200	14:18:47	D	13.90
933	Mansa	Bhikhi	AQUA	30.12500	75.50100	14:18:47	D	14.90
934	Mansa	Bhikhi	AQUA	30.14600	75.41000	14:18:47	D	12.30
935	Mansa	Bhikhi	AQUA	30.18600	75.41200	14:18:47	D	10.10
936	Mansa	Budhlada	S-NPP	29.84425	75.56873	14:32:15	D	5.20
937	Mansa	Budhlada	S-NPP	29.86920	75.56984	12:51:58	D	2.00
938	Mansa	Budhlada	S-NPP	29.88025	75.54904	12:51:58	D	2.20
939	Mansa	Budhlada	S-NPP	29.90454	75.56806	12:51:58	D	2.80
940	Mansa	Budhlada	S-NPP	29.90520	75.56603	12:51:58	D	4.60
941	Mansa	Budhlada	S-NPP	29.91599	75.73324	14:32:15	D	14.60
942	Mansa	Budhlada	S-NPP	29.91601	75.73154	14:32:15	D	19.80
943	Mansa	Budhlada	S-NPP	29.92873	75.49063	12:51:58	D	3.70
944	Mansa	Budhlada	S-NPP	29.92933	75.48164	14:32:15	D	5.50
945	Mansa	Budhlada	S-NPP	29.94093	75.60484	14:32:15	D	5.30
946	Mansa	Budhlada	S-NPP	29.94180	75.62981	14:32:15	D	4.10
947	Mansa	Budhlada	S-NPP	29.94927	75.53368	12:51:58	D	2.30
948	Mansa	Budhlada	S-NPP	29.96211	75.53839	14:32:15	D	8.10
949	Mansa	Budhlada	S-NPP	29.97039	75.57111	14:32:15	D	13.00
950	Mansa	Budhlada	S-NPP	29.97061	75.62041	14:32:15	D	4.70
951	Mansa	Budhlada	S-NPP	29.97193	75.62091	14:32:15	D	5.40
952	Mansa	Budhlada	S-NPP	29.97727	75.60353	14:32:15	D	8.00
953	Mansa	Budhlada	S-NPP	30.01152	75.53079	12:51:58	D	7.00

954	Mansa	Budhlada	S-NPP	30.01214	75.53220	12:51:58	D	6.80
955	Mansa	Budhlada	S-NPP	30.02218	75.63542	14:32:15	D	9.80
956	Mansa	Budhlada	S-NPP	30.02342	75.63568	14:32:15	D	13.60
957	Mansa	Budhlada	S-NPP	30.03551	75.65850	12:51:58	D	19.80
958	Mansa	Budhlada	S-NPP	30.03799	75.63513	14:32:15	D	7.00
959	Mansa	Budhlada	AQUA	29.89400	75.44600	14:18:47	D	9.30
960	Mansa	Budhlada	AQUA	29.89500	75.46100	14:18:47	D	14.90
961	Mansa	Budhlada	AQUA	29.89600	75.56200	14:18:47	D	8.40
962	Mansa	Budhlada	AQUA	29.91500	75.73600	14:18:47	D	11.90
963	Mansa	Budhlada	AQUA	29.91700	75.75100	14:18:47	D	12.10
964	Mansa	Budhlada	AQUA	29.92100	75.74100	14:18:47	D	20.90
965	Mansa	Budhlada	AQUA	29.96700	75.53700	14:18:47	D	15.80
966	Mansa	Budhlada	AQUA	29.97400	75.59400	14:18:47	D	42.70
967	Mansa	Budhlada	AQUA	29.99100	75.65000	14:18:47	D	20.30
968	Mansa	Budhlada	AQUA	30.00000	75.56900	14:18:47	D	18.60
969	Mansa	Budhlada	AQUA	30.00100	75.58300	14:18:47	D	25.60
970	Mansa	Budhlada	AQUA	30.00600	75.62700	14:18:47	D	12.00
971	Mansa	Jhunir	S-NPP	29.74885	75.39371	14:32:15	D	11.20
972	Mansa	Jhunir	S-NPP	29.75145	75.39333	14:32:15	D	8.20
973	Mansa	Jhunir	S-NPP	29.75589	75.37062	12:51:58	D	3.20
974	Mansa	Jhunir	S-NPP	29.76259	75.37714	14:32:15	D	8.70
975	Mansa	Jhunir	S-NPP	29.76528	75.37668	14:32:15	D	8.10
976	Mansa	Jhunir	S-NPP	29.77136	75.41701	14:32:15	D	7.70
977	Mansa	Jhunir	S-NPP	29.91137	75.18651	14:32:15	D	3.90
978	Mansa	Jhunir	S-NPP	29.94438	75.30360	14:32:15	D	6.60
979	Mansa	Jhunir	AQUA	29.75800	75.39400	14:18:47	D	15.00
980	Mansa	Jhunir	AQUA	29.79400	75.36700	14:18:47	D	9.30
981	Mansa	Jhunir	AQUA	29.91700	75.18900	14:18:47	D	14.90
982	Mansa	Mansa	S-NPP	29.89876	75.40747	12:51:58	D	2.70
983	Mansa	Mansa	S-NPP	29.91638	75.37878	14:32:15	D	5.70
984	Mansa	Mansa	S-NPP	29.95486	75.31146	14:32:15	D	10.30
985	Mansa	Mansa	S-NPP	29.95537	75.46850	12:51:58	D	1.50
986	Mansa	Mansa	S-NPP	29.96091	75.31541	12:51:58	D	2.00

987	Mansa	Mansa	S-NPP	29.96293	75.31615	12:51:58	D	2.30
988	Mansa	Mansa	S-NPP	29.96851	75.30228	12:51:58	D	2.80
989	Mansa	Mansa	S-NPP	29.97137	75.44595	12:51:58	D	3.10
990	Mansa	Mansa	S-NPP	29.99242	75.31307	12:51:58	D	2.60
991	Mansa	Mansa	S-NPP	30.01405	75.42977	14:32:15	D	6.50
992	Mansa	Mansa	S-NPP	30.01642	75.42978	14:32:15	D	9.30
993	Mansa	Mansa	S-NPP	30.02159	75.43766	14:32:15	D	6.50
994	Mansa	Mansa	S-NPP	30.05276	75.36651	12:51:58	D	1.10
995	Mansa	Mansa	S-NPP	30.07971	75.32879	14:32:15	D	4.90
996	Mansa	Mansa	S-NPP	30.10535	75.30425	12:51:58	D	1.40
997	Mansa	Mansa	AQUA	29.93400	75.42600	14:18:47	D	13.40
998	Mansa	Mansa	AQUA	29.95800	75.36500	14:18:47	D	13.80
999	Mansa	Mansa	AQUA	29.96000	75.37900	14:18:47	D	9.70
1000	Mansa	Mansa	AQUA	29.96700	75.37100	14:18:47	D	14.40
1001	Mansa	Mansa	AQUA	29.97000	75.30000	14:18:47	D	18.60
1002	Mansa	Mansa	AQUA	30.03100	75.37600	14:18:47	D	14.70
1003	Mansa	Sardulgarh	S-NPP	29.65924	75.32356	12:51:58	D	1.70
1004	Mansa	Sardulgarh	S-NPP	29.71426	75.25931	12:51:58	D	2.40
1005	Mansa	Sardulgarh	S-NPP	29.73899	75.39016	12:51:58	D	1.80
1006	Mansa	Sardulgarh	S-NPP	29.75372	75.37011	12:51:58	D	3.00
1007	Mansa	Sardulgarh	S-NPP	29.77501	75.32388	12:51:58	D	2.00
1008	Mansa	Sardulgarh	AQUA	29.73100	75.34100	14:18:47	D	9.20
1009	Mansa	Sardulgarh	AQUA	29.73200	75.35500	14:18:47	D	18.90
1010	Moga	Bagha Purana	S-NPP	30.49640	75.02629	12:51:58	D	5.20
1011	Moga	Bagha Purana	S-NPP	30.50936	74.99535	14:32:15	D	10.60
1012	Moga	Bagha Purana	S-NPP	30.54492	75.07343	12:51:58	D	1.10
1013	Moga	Bagha Purana	S-NPP	30.55039	74.96974	12:51:58	D	5.00
1014	Moga	Bagha Purana	S-NPP	30.55280	75.03811	12:51:58	D	4.20
1015	Moga	Bagha Purana	S-NPP	30.55584	75.03785	12:51:58	D	3.10
1016	Moga	Bagha Purana	S-NPP	30.56092	75.04778	14:32:15	D	4.30
1017	Moga	Bagha Purana	S-NPP	30.58110	75.10529	14:32:15	D	2.00
1018	Moga	Bagha Purana	S-NPP	30.58229	75.14928	12:51:58	D	2.00
1019	Moga	Bagha Purana	S-NPP	30.58244	75.03693	12:51:58	D	4.00

1020	Moga	Bagha Purana	S-NPP	30.58356	75.14841	12:51:58	D	2.60
1021	Moga	Bagha Purana	S-NPP	30.58404	75.04372	12:51:58	D	4.00
1022	Moga	Bagha Purana	S-NPP	30.58433	75.15176	12:51:58	D	3.00
1023	Moga	Bagha Purana	S-NPP	30.58705	75.16936	12:51:58	D	3.30
1024	Moga	Bagha Purana	S-NPP	30.58725	75.14775	12:51:58	D	2.00
1025	Moga	Bagha Purana	S-NPP	30.59520	75.00002	12:51:58	D	3.90
1026	Moga	Bagha Purana	S-NPP	30.60033	75.04160	14:32:15	D	8.50
1027	Moga	Bagha Purana	S-NPP	30.60904	75.18806	14:32:15	D	4.60
1028	Moga	Bagha Purana	S-NPP	30.61134	75.20480	12:51:58	D	1.90
1029	Moga	Bagha Purana	S-NPP	30.62161	75.02115	12:51:58	D	4.50
1030	Moga	Bagha Purana	S-NPP	30.64786	74.98588	12:51:58	D	2.30
1031	Moga	Bagha Purana	S-NPP	30.65027	75.04742	14:32:15	D	7.10
1032	Moga	Bagha Purana	S-NPP	30.65995	75.11793	14:32:15	D	5.60
1033	Moga	Bagha Purana	S-NPP	30.66707	75.11766	14:32:15	D	3.80
1034	Moga	Bagha Purana	S-NPP	30.67177	75.01868	12:51:58	D	4.40
1035	Moga	Bagha Purana	S-NPP	30.67288	75.15005	12:51:58	D	1.60
1036	Moga	Bagha Purana	S-NPP	30.68323	75.17191	12:51:58	D	1.70
1037	Moga	Bagha Purana	S-NPP	30.68461	75.16272	12:51:58	D	2.70
1038	Moga	Bagha Purana	S-NPP	30.68587	75.16035	12:51:58	D	1.80
1039	Moga	Bagha Purana	S-NPP	30.69144	75.11484	14:32:15	D	10.20
1040	Moga	Bagha Purana	S-NPP	30.69526	75.10870	14:32:15	D	13.10
1041	Moga	Bagha Purana	S-NPP	30.69635	75.05475	12:51:58	D	2.10
1042	Moga	Bagha Purana	S-NPP	30.70192	75.07835	12:51:58	D	4.00
1043	Moga	Bagha Purana	S-NPP	30.70429	75.08843	12:51:58	D	9.20
1044	Moga	Bagha Purana	S-NPP	30.70613	75.02190	14:32:15	D	8.60
1045	Moga	Bagha Purana	S-NPP	30.70909	75.01801	12:51:58	D	6.90
1046	Moga	Bagha Purana	S-NPP	30.70965	75.01974	14:32:15	D	8.90
1047	Moga	Bagha Purana	S-NPP	30.70989	75.02141	12:51:58	D	6.90
1048	Moga	Bagha Purana	S-NPP	30.72882	75.03376	12:51:58	D	5.30
1049	Moga	Bagha Purana	S-NPP	30.72937	75.05898	12:51:58	D	1.90
1050	Moga	Bagha Purana	S-NPP	30.73458	75.03560	12:51:58	D	5.30
1051	Moga	Bagha Purana	AQUA	30.52700	75.01000	14:18:47	D	18.90
1052	Moga	Bagha Purana	AQUA	30.52800	75.02300	14:18:47	D	15.10

1053	Moga	Bagha Purana	AQUA	30.59300	74.98000	14:18:47	D	13.20
1054	Moga	Bagha Purana	AQUA	30.59600	75.09100	14:18:47	D	7.50
1055	Moga	Bagha Purana	AQUA	30.60000	75.03500	14:18:47	D	16.60
1056	Moga	Bagha Purana	AQUA	30.60700	75.18900	14:18:47	D	18.30
1057	Moga	Bagha Purana	AQUA	30.63900	75.01500	14:18:47	D	9.00
1058	Moga	Bagha Purana	AQUA	30.69000	75.01400	14:18:47	D	12.50
1059	Moga	Bagha Purana	AQUA	30.69000	75.11200	14:18:47	D	11.10
1060	Moga	Bagha Purana	AQUA	30.69300	75.14000	14:18:47	D	12.90
1061	Moga	Bagha Purana	AQUA	30.72200	75.02300	14:18:47	D	9.00
1062	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.87766	75.23547	14:32:15	D	7.00
1063	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.87980	75.23351	14:32:15	D	8.70
1064	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.88292	75.15331	12:51:58	D	4.10
1065	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.88708	75.14845	12:51:58	D	3.00
1066	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.92001	75.13656	12:51:58	D	5.60
1067	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.92366	75.12168	14:32:15	D	20.30
1068	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.92640	75.11928	14:32:15	D	28.90
1069	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.94200	75.15871	14:32:15	D	7.60
1070	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.94333	75.16829	12:51:58	D	2.00
1071	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.94915	75.15844	14:32:15	D	5.90
1072	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.96117	75.17688	12:51:58	D	2.00
1073	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.96258	75.27283	12:51:58	D	9.80
1074	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.96915	75.18851	12:51:58	D	12.50
1075	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.97201	75.29076	12:51:58	D	10.60
1076	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.98181	75.18981	14:32:15	D	7.90
1077	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.98603	75.18933	14:32:15	D	7.80
1078	Moga	Kot Ise Khan At Dharamkot	S-NPP	30.99792	75.28970	12:51:58	D	18.20
1079	Moga	Kot Ise Khan At Dharamkot	S-NPP	31.00810	75.20478	14:32:15	D	7.10
1080	Moga	Kot Ise Khan At Dharamkot	AQUA	30.90200	75.18200	14:18:47	D	10.40
1081	Moga	Kot Ise Khan At Dharamkot	AQUA	30.92600	75.12100	14:18:47	D	12.50
1082	Moga	Kot Ise Khan At Dharamkot	AQUA	30.95300	75.17400	14:18:47	D	9.40
1083	Moga	Moga 1	S-NPP	30.70160	75.18959	12:51:58	D	6.10
1084	Moga	Moga 1	S-NPP	30.70238	75.19291	12:51:58	D	7.30
1085	Moga	Moga 1	S-NPP	30.70342	75.19061	12:51:58	D	13.40

1086	Moga	Moga 1	S-NPP	30.70654	75.18806	12:51:58	D	6.10
1087	Moga	Moga 1	S-NPP	30.70732	75.19139	12:51:58	D	7.30
1088	Moga	Moga 1	S-NPP	30.72731	75.33878	14:32:15	D	5.20
1089	Moga	Moga 1	S-NPP	30.72758	75.20999	12:51:58	D	2.90
1090	Moga	Moga 1	S-NPP	30.73096	75.20187	12:51:58	D	3.40
1091	Moga	Moga 1	S-NPP	30.73273	75.34042	14:32:15	D	8.20
1092	Moga	Moga 1	S-NPP	30.73433	75.19485	14:32:15	D	12.20
1093	Moga	Moga 1	S-NPP	30.73452	75.33854	14:32:15	D	7.10
1094	Moga	Moga 1	S-NPP	30.73590	75.20034	12:51:58	D	3.70
1095	Moga	Moga 1	S-NPP	30.73690	75.19277	14:32:15	D	14.60
1096	Moga	Moga 1	S-NPP	30.74724	75.29382	12:51:58	D	13.10
1097	Moga	Moga 1	S-NPP	30.75182	75.31337	12:51:58	D	10.10
1098	Moga	Moga 1	S-NPP	30.75336	75.36337	12:51:58	D	3.80
1099	Moga	Moga 1	S-NPP	30.77071	75.34937	12:51:58	D	4.70
1100	Moga	Moga 1	S-NPP	30.83530	75.35716	12:51:58	D	11.10
1101	Moga	Moga 1	S-NPP	30.83550	75.35549	12:51:58	D	8.90
1102	Moga	Moga 1	S-NPP	30.84016	75.26994	14:32:15	D	10.30
1103	Moga	Moga 1	S-NPP	30.84286	75.26917	14:32:15	D	9.60
1104	Moga	Moga 1	AQUA	30.73100	75.19200	14:18:47	D	9.30
1105	Moga	Moga 1	AQUA	30.74600	75.14600	14:18:47	D	9.70
1106	Moga	Moga 1	AQUA	30.84100	75.27000	14:18:47	D	18.90
1107	Moga	Moga 2	S-NPP	30.73434	75.05742	12:51:58	D	2.20
1108	Moga	Moga 2	S-NPP	30.76656	75.04245	12:51:58	D	7.80
1109	Moga	Moga 2	S-NPP	30.76837	75.04321	12:51:58	D	7.50
1110	Moga	Moga 2	S-NPP	30.77317	75.00939	14:32:15	D	5.50
1111	Moga	Moga 2	S-NPP	30.77353	75.08855	12:51:58	D	2.10
1112	Moga	Moga 2	S-NPP	30.77506	75.01077	12:51:58	D	3.00
1113	Moga	Moga 2	S-NPP	30.77571	75.03599	12:51:58	D	4.70
1114	Moga	Moga 2	S-NPP	30.77586	75.01415	12:51:58	D	3.00
1115	Moga	Moga 2	S-NPP	30.77754	75.03673	12:51:58	D	5.50
1116	Moga	Moga 2	S-NPP	30.80047	74.93705	12:51:58	D	2.80
1117	Moga	Moga 2	S-NPP	30.81668	74.98315	12:51:58	D	5.80
1118	Moga	Moga 2	S-NPP	30.83363	75.10166	14:32:15	D	3.30

1119	Moga	Moga 2	S-NPP	30.85415	74.97444	14:32:15	D	26.00
1120	Moga	Moga 2	S-NPP	30.87088	75.07845	12:51:58	D	0.90
1121	Moga	Moga 2	S-NPP	30.87295	74.96044	12:51:58	D	2.30
1122	Moga	Moga 2	S-NPP	30.87793	74.95888	12:51:58	D	5.50
1123	Moga	Moga 2	AQUA	30.71900	75.09400	14:18:47	D	9.70
1124	Moga	Moga 2	AQUA	30.72100	75.10800	14:18:47	D	9.80
1125	Moga	Moga 2	AQUA	30.80700	74.97600	14:18:47	D	11.50
1126	Moga	Moga 2	AQUA	30.83200	75.09900	14:18:47	D	19.90
1127	Moga	Moga 2	AQUA	30.84800	74.97700	14:18:47	D	11.70
1128	Moga	Moga 2	AQUA	30.84800	75.07600	14:18:47	D	13.50
1129	Moga	Moga 2	AQUA	30.85000	75.08200	14:18:47	D	20.50
1130	Moga	Moga 2	AQUA	30.85400	75.13200	14:18:47	D	12.60
1131	Moga	Moga 2	AQUA	30.85500	75.12400	14:18:47	D	15.70
1132	Moga	Moga 2	AQUA	30.85800	74.97600	14:18:47	D	23.30
1133	Moga	Nihal Singh	S-NPP	30.51482	75.24121	12:51:58	D	7.20
1134	Moga	Nihal Singh	S-NPP	30.51666	75.27377	14:32:15	D	13.30
1135	Moga	Nihal Singh	S-NPP	30.51912	75.27956	14:32:15	D	7.80
1136	Moga	Nihal Singh	S-NPP	30.52676	75.26956	12:51:58	D	5.90
1137	Moga	Nihal Singh	S-NPP	30.53292	75.26291	14:32:15	D	4.90
1138	Moga	Nihal Singh	S-NPP	30.54175	75.31099	14:32:15	D	3.30
1139	Moga	Nihal Singh	S-NPP	30.55061	75.35947	14:32:15	D	10.50
1140	Moga	Nihal Singh	S-NPP	30.55299	75.26859	12:51:58	D	3.70
1141	Moga	Nihal Singh	S-NPP	30.56108	75.32613	12:51:58	D	3.20
1142	Moga	Nihal Singh	S-NPP	30.56336	75.33595	12:51:58	D	2.70
1143	Moga	Nihal Singh	S-NPP	30.56830	75.35722	12:51:58	D	4.80
1144	Moga	Nihal Singh	S-NPP	30.56911	75.17711	14:32:15	D	13.00
1145	Moga	Nihal Singh	S-NPP	30.57043	75.25258	12:51:58	D	4.00
1146	Moga	Nihal Singh	S-NPP	30.57050	75.30997	14:32:15	D	6.30
1147	Moga	Nihal Singh	S-NPP	30.57376	75.32986	14:32:15	D	3.70
1148	Moga	Nihal Singh	S-NPP	30.57675	75.19273	14:32:15	D	10.30
1149	Moga	Nihal Singh	S-NPP	30.58045	75.18909	14:32:15	D	9.50
1150	Moga	Nihal Singh	S-NPP	30.58109	75.18909	12:51:58	D	7.80
1151	Moga	Nihal Singh	S-NPP	30.58211	75.18834	12:51:58	D	7.90

1152	Moga	Nihal Singh	S-NPP	30.58321	75.17007	12:51:58	D	4.70
1153	Moga	Nihal Singh	S-NPP	30.58399	75.17342	12:51:58	D	3.10
1154	Moga	Nihal Singh	S-NPP	30.59104	75.19212	14:32:15	D	5.00
1155	Moga	Nihal Singh	S-NPP	30.59130	75.22836	12:51:58	D	1.30
1156	Moga	Nihal Singh	S-NPP	30.59595	75.18454	12:51:58	D	3.20
1157	Moga	Nihal Singh	S-NPP	30.60077	75.36127	12:51:58	D	3.00
1158	Moga	Nihal Singh	S-NPP	30.64272	75.23819	14:32:15	D	6.30
1159	Moga	Nihal Singh	S-NPP	30.64630	75.28619	12:51:58	D	1.80
1160	Moga	Nihal Singh	S-NPP	30.64989	75.23793	14:32:15	D	6.30
1161	Moga	Nihal Singh	S-NPP	30.68150	75.27889	12:51:58	D	3.40
1162	Moga	Nihal Singh	S-NPP	30.69699	75.23169	12:51:58	D	6.20
1163	Moga	Nihal Singh	AQUA	30.51600	75.28000	14:18:47	D	29.20
1164	Moga	Nihal Singh	AQUA	30.53800	75.29100	14:18:47	D	24.00
1165	Moga	Nihal Singh	AQUA	30.54000	75.21900	14:18:47	D	5.90
1166	Moga	Nihal Singh	AQUA	30.54600	75.36200	14:18:47	D	29.10
1167	Moga	Nihal Singh	AQUA	30.54800	75.37600	14:18:47	D	16.70
1168	Moga	Nihal Singh	AQUA	30.60400	75.26100	14:18:47	D	10.30
1169	Moga	Nihal Singh	AQUA	30.60900	75.30300	14:18:47	D	13.00
1170	Moga	Nihal Singh	AQUA	30.61700	75.37500	14:18:47	D	9.60
1171	Moga	Nihal Singh	AQUA	30.68500	75.25600	14:18:47	D	19.90
1172	Moga	Nihal Singh	AQUA	30.68700	75.27000	14:18:47	D	16.40
1173	Moga	Nihal Singh	AQUA	30.68800	75.26200	14:18:47	D	27.20
1174	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.15459	74.60579	12:51:58	D	3.00
1175	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.15858	74.63977	14:32:15	D	21.30
1176	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.15976	74.60417	12:51:58	D	3.00
1177	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.15987	74.62778	12:51:58	D	1.60
1178	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.17049	74.71822	12:51:58	D	2.30
1179	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.17273	74.64642	14:32:15	D	13.00
1180	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.17309	74.64347	14:32:15	D	8.30
1181	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.17342	74.65077	14:32:15	D	11.50
1182	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.19810	74.58694	14:32:15	D	9.20
1183	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.23122	74.71731	14:32:15	D	19.90
1184	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.24374	74.63213	12:51:58	D	3.40

1185	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.24410	74.63284	12:51:58	D	3.90
1186	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.24514	74.71670	14:32:15	D	5.30
1187	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.25176	74.52715	12:51:58	D	3.80
1188	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.29168	74.57794	12:51:58	D	8.30
1189	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.29930	74.53996	12:51:58	D	1.80
1190	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.32206	74.54771	12:51:58	D	4.80
1191	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.32344	74.54820	12:51:58	D	4.90
1192	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.34059	74.53420	14:32:15	D	6.30
1193	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.34065	74.53329	14:32:15	D	7.50
1194	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.35067	74.57424	12:51:58	D	2.10
1195	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.35398	74.70855	14:32:15	D	4.00
1196	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.36436	74.61224	14:32:15	D	11.50
1197	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.36476	74.61319	14:32:15	D	12.60
1198	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.39547	74.69924	14:32:15	D	3.30
1199	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.39637	74.70014	14:32:15	D	4.10
1200	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.41140	74.75060	14:32:15	D	3.70
1201	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.41344	74.62459	14:32:15	D	5.70
1202	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.41752	74.72798	14:32:15	D	9.90
1203	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.42419	74.72024	14:32:15	D	9.90
1204	Muktsar	Kot Bhai At Gidderbaha	S-NPP	30.44510	74.71936	14:32:15	D	3.50
1205	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.21400	74.68600	14:18:47	D	8.30
1206	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.21500	74.69900	14:18:47	D	6.80
1207	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.24000	74.65500	14:18:47	D	12.20
1208	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.25200	74.56800	14:18:47	D	7.60
1209	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.27900	74.62900	14:18:47	D	13.90
1210	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.29000	74.64100	14:18:47	D	11.30
1211	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.29200	74.65300	14:18:47	D	9.20
1212	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.31400	74.58400	14:18:47	D	10.10
1213	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.31700	74.61000	14:18:47	D	25.70
1214	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.33600	74.76600	14:18:47	D	24.10
1215	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.33700	74.52300	14:18:47	D	5.90
1216	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.33900	74.53600	14:18:47	D	26.50
1217	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.35500	74.58500	14:18:47	D	12.00

1218	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.40000	74.71000	14:18:47	D	9.60
1219	Muktsar	Kot Bhai At Gidderbaha	AQUA	30.41400	74.74800	14:18:47	D	12.80
1220	Muktsar	Lambi	S-NPP	29.91545	74.59299	14:32:15	D	17.50
1221	Muktsar	Lambi	S-NPP	29.92236	74.59267	14:32:15	D	6.80
1222	Muktsar	Lambi	S-NPP	29.95956	74.66407	12:51:58	D	1.80
1223	Muktsar	Lambi	S-NPP	29.99399	74.53349	12:51:58	D	2.30
1224	Muktsar	Lambi	S-NPP	29.99405	74.48815	14:32:15	D	10.30
1225	Muktsar	Lambi	S-NPP	29.99435	74.49527	14:32:15	D	10.50
1226	Muktsar	Lambi	S-NPP	30.00078	74.51532	12:51:58	D	5.10
1227	Muktsar	Lambi	S-NPP	30.00122	74.49496	14:32:15	D	10.50
1228	Muktsar	Lambi	S-NPP	30.03237	74.42258	14:32:15	D	22.50
1229	Muktsar	Lambi	S-NPP	30.03261	74.42030	14:32:15	D	11.60
1230	Muktsar	Lambi	S-NPP	30.03639	74.63965	12:51:58	D	3.00
1231	Muktsar	Lambi	S-NPP	30.04336	74.50607	12:51:58	D	7.30
1232	Muktsar	Lambi	S-NPP	30.04425	74.50980	12:51:58	D	10.10
1233	Muktsar	Lambi	S-NPP	30.04941	74.49751	14:32:15	D	8.60
1234	Muktsar	Lambi	S-NPP	30.04962	74.49980	14:32:15	D	7.10
1235	Muktsar	Lambi	S-NPP	30.04978	74.68568	14:32:15	D	8.80
1236	Muktsar	Lambi	S-NPP	30.05005	74.69301	14:32:15	D	8.80
1237	Muktsar	Lambi	S-NPP	30.05140	74.69510	14:32:15	D	19.10
1238	Muktsar	Lambi	S-NPP	30.05584	74.55825	12:51:58	D	1.60
1239	Muktsar	Lambi	S-NPP	30.05909	74.40723	14:32:15	D	9.50
1240	Muktsar	Lambi	S-NPP	30.05941	74.40480	14:32:15	D	10.70
1241	Muktsar	Lambi	S-NPP	30.07059	74.68465	14:32:15	D	7.60
1242	Muktsar	Lambi	S-NPP	30.07189	74.68684	14:32:15	D	5.80
1243	Muktsar	Lambi	S-NPP	30.07893	74.39225	14:32:15	D	5.60
1244	Muktsar	Lambi	S-NPP	30.07933	74.38970	14:32:15	D	4.70
1245	Muktsar	Lambi	S-NPP	30.08170	74.44613	14:32:15	D	12.60
1246	Muktsar	Lambi	S-NPP	30.08957	74.40591	12:51:58	D	2.30
1247	Muktsar	Lambi	S-NPP	30.09390	74.41010	14:32:15	D	3.70
1248	Muktsar	Lambi	S-NPP	30.11411	74.50716	12:51:58	D	1.90
1249	Muktsar	Lambi	S-NPP	30.12182	74.58031	14:32:15	D	3.10
1250	Muktsar	Lambi	S-NPP	30.13090	74.63071	14:32:15	D	9.60

1251	Muktsar	Lambi	S-NPP	30.15135	74.62252	14:32:15	D	9.00
1252	Muktsar	Lambi	S-NPP	30.15198	74.63707	14:32:15	D	5.10
1253	Muktsar	Lambi	AQUA	29.93500	74.56600	14:18:47	D	6.70
1254	Muktsar	Lambi	AQUA	29.96200	74.53000	14:18:47	D	8.40
1255	Muktsar	Lambi	AQUA	30.00000	74.60200	14:18:47	D	15.80
1256	Muktsar	Lambi	AQUA	30.00200	74.61400	14:18:47	D	12.30
1257	Muktsar	Lambi	AQUA	30.02600	74.64900	14:18:47	D	37.40
1258	Muktsar	Lambi	AQUA	30.04400	74.46600	14:18:47	D	6.60
1259	Muktsar	Lambi	AQUA	30.04700	74.47100	14:18:47	D	6.60
1260	Muktsar	Lambi	AQUA	30.05000	74.68500	14:18:47	D	7.50
1261	Muktsar	Lambi	AQUA	30.05200	74.50900	14:18:47	D	6.20
1262	Muktsar	Lambi	AQUA	30.06200	74.61800	14:18:47	D	7.60
1263	Muktsar	Lambi	AQUA	30.06500	74.62300	14:18:47	D	8.70
1264	Muktsar	Lambi	AQUA	30.08300	74.44000	14:18:47	D	17.20
1265	Muktsar	Lambi	AQUA	30.11200	74.68100	14:18:47	D	8.20
1266	Muktsar	Lambi	AQUA	30.12300	74.60100	14:18:47	D	13.30
1267	Muktsar	Malout	S-NPP	30.15704	74.42384	14:32:15	D	4.60
1268	Muktsar	Malout	S-NPP	30.17555	74.37423	12:51:58	D	1.40
1269	Muktsar	Malout	S-NPP	30.17801	74.44871	14:32:15	D	10.40
1270	Muktsar	Malout	S-NPP	30.17834	74.45581	14:32:15	D	10.40
1271	Muktsar	Malout	S-NPP	30.17876	74.45117	14:32:15	D	16.80
1272	Muktsar	Malout	S-NPP	30.23190	74.42134	12:51:58	D	3.90
1273	Muktsar	Malout	S-NPP	30.26079	74.44846	12:51:58	D	5.40
1274	Muktsar	Malout	S-NPP	30.26280	74.36303	12:51:58	D	3.50
1275	Muktsar	Malout	S-NPP	30.30373	74.47830	14:32:15	D	10.80
1276	Muktsar	Malout	S-NPP	30.31296	74.37108	14:32:15	D	6.40
1277	Muktsar	Malout	S-NPP	30.33874	74.49105	14:32:15	D	4.60
1278	Muktsar	Malout	S-NPP	30.33904	74.49006	14:32:15	D	9.60
1279	Muktsar	Malout	S-NPP	30.33933	74.43493	12:51:58	D	3.90
1280	Muktsar	Malout	S-NPP	30.34054	74.37020	12:51:58	D	2.20
1281	Muktsar	Malout	S-NPP	30.34156	74.39809	14:32:15	D	4.90
1282	Muktsar	Malout	S-NPP	30.35303	74.34798	14:32:15	D	7.50
1283	Muktsar	Malout	S-NPP	30.35312	74.50478	14:32:15	D	7.30

1284	Muktsar	Malout	S-NPP	30.35335	74.50376	14:32:15	D	5.70
1285	Muktsar	Malout	S-NPP	30.35416	74.34676	14:32:15	D	6.90
1286	Muktsar	Malout	S-NPP	30.37154	74.45375	14:32:15	D	21.60
1287	Muktsar	Malout	S-NPP	30.37205	74.45251	14:32:15	D	15.20
1288	Muktsar	Malout	S-NPP	30.39248	74.45998	14:32:15	D	4.80
1289	Muktsar	Malout	S-NPP	30.39295	74.45867	14:32:15	D	11.40
1290	Muktsar	Malout	AQUA	30.14800	74.38600	14:18:47	D	6.60
1291	Muktsar	Malout	AQUA	30.16200	74.42200	14:18:47	D	17.70
1292	Muktsar	Malout	AQUA	30.20600	74.45300	14:18:47	D	15.60
1293	Muktsar	Malout	AQUA	30.22300	74.51500	14:18:47	D	11.90
1294	Muktsar	Malout	AQUA	30.25700	74.36200	14:18:47	D	15.40
1295	Muktsar	Malout	AQUA	30.25900	74.46300	14:18:47	D	7.40
1296	Muktsar	Malout	AQUA	30.26600	74.43700	14:18:47	D	13.50
1297	Muktsar	Malout	AQUA	30.30000	74.47000	14:18:47	D	19.90
1298	Muktsar	Malout	AQUA	30.34200	74.39300	14:18:47	D	12.00
1299	Muktsar	Malout	AQUA	30.34600	74.34200	14:18:47	D	7.20
1300	Muktsar	Malout	AQUA	30.35600	74.43000	14:18:47	D	14.30
1301	Muktsar	Malout	AQUA	30.36400	74.49300	14:18:47	D	8.90
1302	Muktsar	Muktsar	S-NPP	30.39231	74.35934	12:51:58	D	3.20
1303	Muktsar	Muktsar	S-NPP	30.39322	74.36309	12:51:58	D	3.20
1304	Muktsar	Muktsar	S-NPP	30.39441	74.36121	12:51:58	D	7.00
1305	Muktsar	Muktsar	S-NPP	30.39843	74.36145	12:51:58	D	3.20
1306	Muktsar	Muktsar	S-NPP	30.40158	74.50148	14:32:15	D	7.10
1307	Muktsar	Muktsar	S-NPP	30.42763	74.46422	14:32:15	D	11.70
1308	Muktsar	Muktsar	S-NPP	30.43424	74.62371	14:32:15	D	8.20
1309	Muktsar	Muktsar	S-NPP	30.45939	74.73024	12:51:58	D	1.90
1310	Muktsar	Muktsar	S-NPP	30.46581	74.57069	12:51:58	D	4.20
1311	Muktsar	Muktsar	S-NPP	30.47122	74.71587	14:32:15	D	11.90
1312	Muktsar	Muktsar	S-NPP	30.47246	74.56094	14:32:15	D	4.20
1313	Muktsar	Muktsar	S-NPP	30.47267	74.71077	14:32:15	D	4.70
1314	Muktsar	Muktsar	S-NPP	30.47328	74.58285	14:32:15	D	9.70
1315	Muktsar	Muktsar	S-NPP	30.47427	74.58534	14:32:15	D	16.60
1316	Muktsar	Muktsar	S-NPP	30.47437	74.61212	14:32:15	D	6.20

1317	Muktsar	Muktsar	S-NPP	30.47554	74.61455	14:32:15	D	7.10
1318	Muktsar	Muktsar	S-NPP	30.47847	74.72304	14:32:15	D	7.30
1319	Muktsar	Muktsar	S-NPP	30.47995	74.71795	14:32:15	D	14.30
1320	Muktsar	Muktsar	S-NPP	30.48020	74.58251	14:32:15	D	9.70
1321	Muktsar	Muktsar	S-NPP	30.48487	74.62701	12:51:58	D	1.50
1322	Muktsar	Muktsar	S-NPP	30.48741	74.58952	14:32:15	D	8.60
1323	Muktsar	Muktsar	S-NPP	30.48819	74.74741	14:32:15	D	15.20
1324	Muktsar	Muktsar	S-NPP	30.49698	74.62836	14:32:15	D	3.60
1325	Muktsar	Muktsar	S-NPP	30.49827	74.69236	14:32:15	D	11.80
1326	Muktsar	Muktsar	S-NPP	30.49989	74.69482	14:32:15	D	12.80
1327	Muktsar	Muktsar	S-NPP	30.50666	74.37939	14:32:15	D	4.40
1328	Muktsar	Muktsar	S-NPP	30.51675	74.45760	14:32:15	D	9.10
1329	Muktsar	Muktsar	S-NPP	30.51910	74.51523	14:32:15	D	6.20
1330	Muktsar	Muktsar	S-NPP	30.53775	74.59477	12:51:58	D	4.50
1331	Muktsar	Muktsar	S-NPP	30.54161	74.55791	14:32:15	D	9.90
1332	Muktsar	Muktsar	S-NPP	30.54268	74.40157	14:32:15	D	3.30
1333	Muktsar	Muktsar	S-NPP	30.54288	74.59315	12:51:58	D	4.50
1334	Muktsar	Muktsar	S-NPP	30.55605	74.57191	14:32:15	D	7.40
1335	Muktsar	Muktsar	S-NPP	30.55927	74.48458	14:32:15	D	16.10
1336	Muktsar	Muktsar	S-NPP	30.55962	74.48700	14:32:15	D	18.60
1337	Muktsar	Muktsar	S-NPP	30.56239	74.67599	12:51:58	D	3.40
1338	Muktsar	Muktsar	S-NPP	30.56283	74.57418	14:32:15	D	10.90
1339	Muktsar	Muktsar	S-NPP	30.56297	74.57164	14:32:15	D	7.40
1340	Muktsar	Muktsar	S-NPP	30.58754	74.65901	14:32:15	D	4.40
1341	Muktsar	Muktsar	S-NPP	30.62505	74.61656	12:51:58	D	5.80
1342	Muktsar	Muktsar	S-NPP	30.62591	74.62016	12:51:58	D	5.80
1343	Muktsar	Muktsar	S-NPP	30.63099	74.59533	12:51:58	D	3.00
1344	Muktsar	Muktsar	S-NPP	30.63952	74.60812	12:51:58	D	3.30
1345	Muktsar	Muktsar	AQUA	30.35800	74.44200	14:18:47	D	22.10
1346	Muktsar	Muktsar	AQUA	30.41100	74.47200	14:18:47	D	15.90
1347	Muktsar	Muktsar	AQUA	30.41700	74.41300	14:18:47	D	7.30
1348	Muktsar	Muktsar	AQUA	30.42200	74.37400	14:18:47	D	8.50
1349	Muktsar	Muktsar	AQUA	30.43100	74.28300	14:18:47	D	11.20

1350	Muktsar	Muktsar	AQUA	30.44000	74.52600	14:18:47	D	8.80
1351	Muktsar	Muktsar	AQUA	30.46100	74.70700	14:18:47	D	38.60
1352	Muktsar	Muktsar	AQUA	30.47100	74.70500	14:18:47	D	36.40
1353	Muktsar	Muktsar	AQUA	30.47600	74.57200	14:18:47	D	10.70
1354	Muktsar	Muktsar	AQUA	30.47700	74.58500	14:18:47	D	61.60
1355	Muktsar	Muktsar	AQUA	30.48500	74.57100	14:18:47	D	11.70
1356	Muktsar	Muktsar	AQUA	30.49200	74.71500	14:18:47	D	37.00
1357	Muktsar	Muktsar	AQUA	30.49400	74.72900	14:18:47	D	43.40
1358	Muktsar	Muktsar	AQUA	30.49900	74.68800	14:18:47	D	23.60
1359	Muktsar	Muktsar	AQUA	30.52100	74.44200	14:18:47	D	9.40
1360	Muktsar	Muktsar	AQUA	30.54000	74.68900	14:18:47	D	14.00
1361	Muktsar	Muktsar	AQUA	30.57500	74.64400	14:18:47	D	42.90
1362	Muktsar	Muktsar	AQUA	30.58600	74.65500	14:18:47	D	20.70
1363	Muktsar	Muktsar	AQUA	30.59600	74.46300	14:18:47	D	20.20
1364	Muktsar	Muktsar	AQUA	30.60500	74.55900	14:18:47	D	7.10
1365	Patiala	Bhunarheri	S-NPP	30.20217	76.45116	12:51:58	D	9.70
1366	Patiala	Bhunarheri	S-NPP	30.20270	76.44863	12:51:58	D	12.10
1367	Patiala	Bhunarheri	S-NPP	30.20683	76.44980	12:51:58	D	9.70
1368	Patiala	Bhunarheri	S-NPP	30.25007	76.41647	12:51:58	D	3.80
1369	Patiala	Ghanaur	AQUA	30.34000	76.63400	14:18:47	D	9.60
1370	Patiala	Nabha	S-NPP	30.32994	76.05973	12:51:58	D	5.20
1371	Patiala	Nabha	S-NPP	30.33317	76.05684	12:51:58	D	4.10
1372	Patiala	Nabha	S-NPP	30.50420	76.28091	12:51:58	D	3.90
1373	Patiala	Nabha	S-NPP	30.50475	76.28319	12:51:58	D	3.60
1374	Patiala	Nabha	AQUA	30.30700	76.22000	14:18:47	D	25.60
1375	Patiala	Nabha	AQUA	30.38800	76.02700	14:18:47	D	7.10
1376	Patiala	Nabha	AQUA	30.39100	76.05800	14:18:47	D	9.00
1377	Patiala	Nabha	AQUA	30.40200	76.15300	14:18:47	D	21.30
1378	Patiala	Nabha	AQUA	30.40500	76.18400	14:18:47	D	8.10
1379	Patiala	Nabha	AQUA	30.42100	76.09500	14:18:47	D	17.70
1380	Patiala	Nabha	AQUA	30.42800	76.29600	14:18:47	D	25.30
1381	Patiala	Nabha	AQUA	30.44400	76.32000	14:18:47	D	25.80
1382	Patiala	Nabha	AQUA	30.49700	76.08400	14:18:47	D	8.70

1383	Patiala	Nabha	AQUA	30.49900	76.07800	14:18:47	D	18.30
1384	Patiala	Patiala	S-NPP	30.27697	76.29109	12:51:58	D	5.50
1385	Patiala	Patiala	S-NPP	30.41788	76.33968	12:51:58	D	2.90
1386	Patiala	Patiala	AQUA	30.30900	76.23600	14:18:47	D	12.90
1387	Patiala	Patran	S-NPP	30.00475	76.03117	12:51:58	D	3.30
1388	Patiala	Patran	S-NPP	30.02708	76.07451	12:51:58	D	3.00
1389	Patiala	Patran	S-NPP	30.05572	76.06605	12:51:58	D	6.50
1390	Patiala	Patran	AQUA	29.89200	75.95700	14:18:47	D	12.90
1391	Patiala	Patran	AQUA	29.89800	76.01800	14:18:47	D	24.20
1392	Patiala	Patran	AQUA	29.91100	75.93900	14:18:47	D	25.70
1393	Patiala	Patran	AQUA	29.91300	75.95400	14:18:47	D	33.50
1394	Patiala	Patran	AQUA	29.94000	75.99700	14:18:47	D	45.00
1395	Patiala	Patran	AQUA	29.94200	75.99000	14:18:47	D	30.00
1396	Patiala	Patran	AQUA	29.94800	76.07300	14:18:47	D	10.10
1397	Patiala	Patran	AQUA	30.00300	76.04400	14:18:47	D	34.20
1398	Patiala	Patran	AQUA	30.03400	76.13400	14:18:47	D	47.10
1399	Patiala	Samana	S-NPP	30.08645	76.13440	12:51:58	D	5.30
1400	Patiala	Samana	AQUA	30.03600	76.15000	14:18:47	D	11.70
1401	Patiala	Samana	AQUA	30.10800	76.16400	14:18:47	D	10.20
1402	Patiala	Samana	AQUA	30.14900	76.12100	14:18:47	D	14.10
1403	Patiala	Samana	AQUA	30.16200	76.13500	14:18:47	D	19.10
1404	Patiala	Sanaur	S-NPP	30.20347	76.38930	12:51:58	D	14.50
1405	Patiala	Sanaur	S-NPP	30.20363	76.38698	12:51:58	D	8.60
1406	Sangrur	Andana	S-NPP	29.77719	75.94875	12:51:58	D	6.60
1407	Sangrur	Andana	S-NPP	29.77815	75.94830	12:51:58	D	2.40
1408	Sangrur	Andana	S-NPP	29.80439	75.90797	14:32:15	D	5.00
1409	Sangrur	Andana	S-NPP	29.80463	75.90781	14:32:15	D	5.00
1410	Sangrur	Andana	S-NPP	29.80962	76.07126	12:51:58	D	10.00
1411	Sangrur	Andana	S-NPP	29.81138	76.07048	12:51:58	D	6.90
1412	Sangrur	Andana	S-NPP	29.81595	76.02319	12:51:58	D	3.30
1413	Sangrur	Andana	S-NPP	29.87154	75.97376	12:51:58	D	8.70
1414	Sangrur	Andana	S-NPP	29.87323	75.97147	12:51:58	D	8.10
1415	Sangrur	Andana	S-NPP	29.87466	75.97767	12:51:58	D	8.10

1416	Sangrur	Andana	AQUA	29.79900	76.05400	14:18:47	D	22.40
1417	Sangrur	Andana	AQUA	29.80100	76.07000	14:18:47	D	9.40
1418	Sangrur	Andana	AQUA	29.80300	76.08500	14:18:47	D	14.40
1419	Sangrur	Andana	AQUA	29.81200	75.97500	14:18:47	D	11.80
1420	Sangrur	Andana	AQUA	29.83300	75.86600	14:18:47	D	19.10
1421	Sangrur	Bhawanigarh	S-NPP	30.17892	75.94281	12:51:58	D	4.00
1422	Sangrur	Bhawanigarh	S-NPP	30.18663	76.04479	12:51:58	D	4.70
1423	Sangrur	Bhawanigarh	S-NPP	30.19128	75.95226	12:51:58	D	18.30
1424	Sangrur	Bhawanigarh	S-NPP	30.19617	76.04196	12:51:58	D	5.90
1425	Sangrur	Bhawanigarh	S-NPP	30.24261	76.14313	12:51:58	D	4.10
1426	Sangrur	Bhawanigarh	S-NPP	30.24417	76.14328	12:51:58	D	2.90
1427	Sangrur	Bhawanigarh	S-NPP	30.28030	75.99703	12:51:58	D	6.70
1428	Sangrur	Bhawanigarh	S-NPP	30.29603	76.13374	12:51:58	D	4.50
1429	Sangrur	Bhawanigarh	S-NPP	30.31825	76.16519	12:51:58	D	5.30
1430	Sangrur	Bhawanigarh	AQUA	30.15200	76.04100	14:18:47	D	13.40
1431	Sangrur	Bhawanigarh	AQUA	30.18300	75.92800	14:18:47	D	23.90
1432	Sangrur	Bhawanigarh	AQUA	30.18700	75.95800	14:18:47	D	24.80
1433	Sangrur	Bhawanigarh	AQUA	30.19700	75.95700	14:18:47	D	15.10
1434	Sangrur	Bhawanigarh	AQUA	30.22500	75.96100	14:18:47	D	26.40
1435	Sangrur	Bhawanigarh	AQUA	30.24800	75.97400	14:18:47	D	19.30
1436	Sangrur	Bhawanigarh	AQUA	30.24900	75.98900	14:18:47	D	24.20
1437	Sangrur	Bhawanigarh	AQUA	30.28500	76.01500	14:18:47	D	12.00
1438	Sangrur	Bhawanigarh	AQUA	30.29000	76.15800	14:18:47	D	35.80
1439	Sangrur	Bhawanigarh	AQUA	30.29400	76.09300	14:18:47	D	7.60
1440	Sangrur	Dhuri	S-NPP	30.29154	75.72102	12:51:58	D	5.30
1441	Sangrur	Dhuri	S-NPP	30.30896	75.72923	12:51:58	D	5.00
1442	Sangrur	Dhuri	S-NPP	30.32424	75.81817	12:51:58	D	15.30
1443	Sangrur	Dhuri	S-NPP	30.38724	75.93736	12:51:58	D	6.70
1444	Sangrur	Dhuri	S-NPP	30.41155	75.92133	12:51:58	D	2.90
1445	Sangrur	Dhuri	S-NPP	30.41451	75.92268	12:51:58	D	6.60
1446	Sangrur	Dhuri	S-NPP	30.42065	75.97279	12:51:58	D	4.00
1447	Sangrur	Dhuri	S-NPP	30.42279	75.96990	12:51:58	D	4.10
1448	Sangrur	Dhuri	S-NPP	30.43177	75.87611	12:51:58	D	5.40

1449	Sangrur	Dhuri	S-NPP	30.43289	75.94748	12:51:58	D	4.00
1450	Sangrur	Dhuri	S-NPP	30.45732	75.92072	12:51:58	D	4.30
1451	Sangrur	Dhuri	AQUA	30.33400	75.83200	14:18:47	D	14.40
1452	Sangrur	Dhuri	AQUA	30.33900	75.87700	14:18:47	D	12.80
1453	Sangrur	Dhuri	AQUA	30.40700	75.86000	14:18:47	D	25.80
1454	Sangrur	Dhuri	AQUA	30.40900	75.87600	14:18:47	D	10.30
1455	Sangrur	Dhuri	AQUA	30.41000	75.98500	14:18:47	D	46.50
1456	Sangrur	Dirba	S-NPP	29.95874	75.98582	12:51:58	D	8.70
1457	Sangrur	Dirba	S-NPP	29.96759	75.95682	12:51:58	D	5.50
1458	Sangrur	Dirba	S-NPP	29.97721	75.95396	12:51:58	D	4.10
1459	Sangrur	Dirba	S-NPP	29.97969	75.95775	12:51:58	D	3.80
1460	Sangrur	Dirba	S-NPP	29.98824	75.99468	12:51:58	D	10.10
1461	Sangrur	Dirba	S-NPP	29.99033	75.98960	12:51:58	D	14.10
1462	Sangrur	Dirba	S-NPP	29.99171	75.99574	12:51:58	D	14.10
1463	Sangrur	Dirba	S-NPP	30.05082	76.02205	12:51:58	D	4.60
1464	Sangrur	Dirba	S-NPP	30.05762	76.00696	12:51:58	D	4.10
1465	Sangrur	Dirba	S-NPP	30.06518	76.01778	12:51:58	D	4.60
1466	Sangrur	Dirba	S-NPP	30.07346	76.05436	12:51:58	D	7.50
1467	Sangrur	Dirba	S-NPP	30.07823	76.05295	12:51:58	D	7.50
1468	Sangrur	Dirba	S-NPP	30.08301	76.05153	12:51:58	D	9.20
1469	Sangrur	Dirba	S-NPP	30.09186	76.02292	12:51:58	D	5.60
1470	Sangrur	Dirba	S-NPP	30.09189	76.06834	12:51:58	D	2.10
1471	Sangrur	Dirba	S-NPP	30.09461	76.03513	12:51:58	D	8.40
1472	Sangrur	Dirba	S-NPP	30.10345	76.09719	12:51:58	D	3.30
1473	Sangrur	Dirba	S-NPP	30.10824	75.95915	12:51:58	D	4.10
1474	Sangrur	Dirba	S-NPP	30.11037	75.95660	12:51:58	D	4.50
1475	Sangrur	Dirba	S-NPP	30.11098	75.97146	12:51:58	D	6.20
1476	Sangrur	Dirba	S-NPP	30.11168	75.99744	12:51:58	D	7.20
1477	Sangrur	Dirba	S-NPP	30.11404	75.99479	12:51:58	D	7.60
1478	Sangrur	Dirba	S-NPP	30.11845	76.07342	12:51:58	D	4.50
1479	Sangrur	Dirba	S-NPP	30.13319	75.98912	12:51:58	D	3.70
1480	Sangrur	Dirba	S-NPP	30.14056	75.95423	12:51:58	D	13.00
1481	Sangrur	Dirba	S-NPP	30.16142	76.04580	12:51:58	D	7.50

1482	Sangrur	Dirba	S-NPP	30.16716	75.91343	12:51:58	D	7.50
1483	Sangrur	Dirba	AQUA	29.97400	75.98600	14:18:47	D	26.00
1484	Sangrur	Dirba	AQUA	29.97600	76.00100	14:18:47	D	13.40
1485	Sangrur	Dirba	AQUA	30.01000	76.01200	14:18:47	D	7.00
1486	Sangrur	Dirba	AQUA	30.01200	76.02700	14:18:47	D	13.10
1487	Sangrur	Dirba	AQUA	30.07400	76.05800	14:18:47	D	16.70
1488	Sangrur	Dirba	AQUA	30.07600	76.07400	14:18:47	D	18.60
1489	Sangrur	Dirba	AQUA	30.10300	76.02300	14:18:47	D	12.80
1490	Sangrur	Dirba	AQUA	30.13900	75.91900	14:18:47	D	13.20
1491	Sangrur	Dirba	AQUA	30.15400	76.05700	14:18:47	D	8.40
1492	Sangrur	Lehra Gaga	S-NPP	29.87724	75.87716	12:51:58	D	11.80
1493	Sangrur	Lehra Gaga	S-NPP	29.88094	75.87770	12:51:58	D	18.80
1494	Sangrur	Lehra Gaga	S-NPP	29.91033	75.78265	14:32:15	D	3.10
1495	Sangrur	Lehra Gaga	S-NPP	29.91168	75.82535	14:32:15	D	10.20
1496	Sangrur	Lehra Gaga	S-NPP	29.91217	75.82689	14:32:15	D	9.30
1497	Sangrur	Lehra Gaga	S-NPP	29.92625	75.95585	12:51:58	D	15.90
1498	Sangrur	Lehra Gaga	S-NPP	29.92911	75.67156	12:51:58	D	5.20
1499	Sangrur	Lehra Gaga	S-NPP	29.92986	75.67643	12:51:58	D	2.70
1500	Sangrur	Lehra Gaga	S-NPP	29.93309	75.75742	12:51:58	D	13.00
1501	Sangrur	Lehra Gaga	S-NPP	29.93329	75.75922	12:51:58	D	7.90
1502	Sangrur	Lehra Gaga	S-NPP	29.93564	75.90659	12:51:58	D	4.60
1503	Sangrur	Lehra Gaga	S-NPP	29.94047	75.90516	12:51:58	D	3.30
1504	Sangrur	Lehra Gaga	S-NPP	29.94296	75.66322	14:32:15	D	5.70
1505	Sangrur	Lehra Gaga	S-NPP	29.94959	75.69289	12:51:58	D	3.80
1506	Sangrur	Lehra Gaga	S-NPP	29.95533	75.83380	12:51:58	D	5.00
1507	Sangrur	Lehra Gaga	S-NPP	29.95561	75.83179	12:51:58	D	3.80
1508	Sangrur	Lehra Gaga	S-NPP	29.95813	75.67947	14:32:15	D	10.50
1509	Sangrur	Lehra Gaga	S-NPP	29.96026	75.69477	12:51:58	D	6.30
1510	Sangrur	Lehra Gaga	S-NPP	29.96263	75.65978	12:51:58	D	6.30
1511	Sangrur	Lehra Gaga	S-NPP	29.96769	75.72208	14:32:15	D	17.00
1512	Sangrur	Lehra Gaga	S-NPP	29.97077	75.83189	14:32:15	D	8.90
1513	Sangrur	Lehra Gaga	S-NPP	29.97092	75.83276	14:32:15	D	12.50
1514	Sangrur	Lehra Gaga	S-NPP	29.97840	75.81828	12:51:58	D	2.40

1515	Sangrur	Lehra Gaga	S-NPP	29.97981	75.68894	12:51:58	D	18.20
1516	Sangrur	Lehra Gaga	S-NPP	29.98397	75.78868	14:32:15	D	6.40
1517	Sangrur	Lehra Gaga	S-NPP	29.98422	75.70812	12:51:58	D	12.00
1518	Sangrur	Lehra Gaga	S-NPP	29.98436	75.78944	14:32:15	D	10.20
1519	Sangrur	Lehra Gaga	S-NPP	29.98715	75.78873	12:51:58	D	8.40
1520	Sangrur	Lehra Gaga	S-NPP	29.98877	75.89075	12:51:58	D	2.90
1521	Sangrur	Lehra Gaga	S-NPP	29.99090	75.89485	12:51:58	D	4.20
1522	Sangrur	Lehra Gaga	S-NPP	29.99821	75.85934	12:51:58	D	4.70
1523	Sangrur	Lehra Gaga	AQUA	29.89700	75.91000	14:18:47	D	10.70
1524	Sangrur	Lehra Gaga	AQUA	29.89900	75.92500	14:18:47	D	17.40
1525	Sangrur	Lehra Gaga	AQUA	29.91000	75.92400	14:18:47	D	35.40
1526	Sangrur	Lehra Gaga	AQUA	29.91400	75.86200	14:18:47	D	8.60
1527	Sangrur	Lehra Gaga	AQUA	29.93800	75.98100	14:18:47	D	10.60
1528	Sangrur	Lehra Gaga	AQUA	29.94600	75.92800	14:18:47	D	25.00
1529	Sangrur	Lehra Gaga	AQUA	29.95200	75.68600	14:18:47	D	13.60
1530	Sangrur	Lehra Gaga	AQUA	29.97400	75.78700	14:18:47	D	8.50
1531	Sangrur	Lehra Gaga	AQUA	29.98000	75.65200	14:18:47	D	40.60
1532	Sangrur	Lehra Gaga	AQUA	29.98200	75.66700	14:18:47	D	25.60
1533	Sangrur	Lehra Gaga	AQUA	29.98900	75.72500	14:18:47	D	20.70
1534	Sangrur	Lehra Gaga	AQUA	29.99300	75.66500	14:18:47	D	14.10
1535	Sangrur	Lehra Gaga	AQUA	29.99500	75.87500	14:18:47	D	16.00
1536	Sangrur	Lehra Gaga	AQUA	29.99700	75.89000	14:18:47	D	9.80
1537	Sangrur	Sangrur	S-NPP	30.14746	75.62151	14:32:15	D	8.90
1538	Sangrur	Sangrur	S-NPP	30.17367	75.77814	12:51:58	D	5.10
1539	Sangrur	Sangrur	S-NPP	30.18947	75.91293	12:51:58	D	5.00
1540	Sangrur	Sangrur	S-NPP	30.20565	75.58215	14:32:15	D	8.90
1541	Sangrur	Sangrur	S-NPP	30.21217	75.79368	14:32:15	D	8.00
1542	Sangrur	Sangrur	S-NPP	30.21217	75.79743	14:32:15	D	9.20
1543	Sangrur	Sangrur	S-NPP	30.21978	75.66296	12:51:58	D	7.90
1544	Sangrur	Sangrur	S-NPP	30.23295	75.94596	12:51:58	D	14.10
1545	Sangrur	Sangrur	S-NPP	30.24481	75.75011	12:51:58	D	6.40
1546	Sangrur	Sangrur	S-NPP	30.26879	75.73454	12:51:58	D	11.70
1547	Sangrur	Sangrur	S-NPP	30.27101	75.72879	12:51:58	D	4.00

1548	Sangrur	Sangrur	S-NPP	30.28471	75.85818	12:51:58	D	5.30
1549	Sangrur	Sangrur	S-NPP	30.28813	75.85055	12:51:58	D	4.90
1550	Sangrur	Sangrur	S-NPP	30.31158	75.90940	12:51:58	D	7.20
1551	Sangrur	Sangrur	S-NPP	30.31388	75.90694	12:51:58	D	4.30
1552	Sangrur	Sangrur	S-NPP	30.32826	75.90268	12:51:58	D	7.60
1553	Sangrur	Sangrur	S-NPP	30.33220	75.87521	12:51:58	D	6.50
1554	Sangrur	Sangrur	AQUA	30.17100	75.62600	14:18:47	D	18.60
1555	Sangrur	Sangrur	AQUA	30.17800	75.68500	14:18:47	D	12.60
1556	Sangrur	Sangrur	AQUA	30.17900	75.70000	14:18:47	D	14.20
1557	Sangrur	Sangrur	AQUA	30.20700	75.59900	14:18:47	D	19.90
1558	Sangrur	Sangrur	AQUA	30.22100	75.82300	14:18:47	D	40.10
1559	Sangrur	Sangrur	AQUA	30.25100	75.80300	14:18:47	D	10.50
1560	Sangrur	Sangrur	AQUA	30.27800	75.95400	14:18:47	D	11.00
1561	Sangrur	Sher Pur	S-NPP	30.29395	75.68658	12:51:58	D	5.10
1562	Sangrur	Sher Pur	S-NPP	30.29739	75.70341	14:32:15	D	10.20
1563	Sangrur	Sher Pur	S-NPP	30.29741	75.70523	14:32:15	D	15.90
1564	Sangrur	Sher Pur	S-NPP	30.29764	75.71191	14:32:15	D	10.20
1565	Sangrur	Sher Pur	S-NPP	30.29771	75.71373	14:32:15	D	15.40
1566	Sangrur	Sher Pur	S-NPP	30.33760	75.67340	12:51:58	D	8.40
1567	Sangrur	Sher Pur	S-NPP	30.45542	75.70997	12:51:58	D	6.20
1568	Sangrur	Sher Pur	S-NPP	30.45857	75.68117	14:32:15	D	7.20
1569	Sangrur	Sher Pur	S-NPP	30.46338	75.76768	12:51:58	D	29.50
1570	Sangrur	Sher Pur	S-NPP	30.47764	75.70819	12:51:58	D	2.90
1571	Sangrur	Sher Pur	S-NPP	30.49089	75.79009	14:32:15	D	3.80
1572	Sangrur	Sher Pur	S-NPP	30.49505	75.77139	12:51:58	D	10.00
1573	Sangrur	Sher Pur	S-NPP	30.49837	75.77520	12:51:58	D	9.30
1574	Sangrur	Sher Pur	AQUA	30.29900	75.71500	14:18:47	D	32.50
1575	Sangrur	Sher Pur	AQUA	30.31900	75.69700	14:18:47	D	32.20
1576	Sangrur	Sher Pur	AQUA	30.40800	75.76800	14:18:47	D	6.70
1577	Sangrur	Sher Pur	AQUA	30.43300	75.70300	14:18:47	D	24.40
1578	Sangrur	Sher Pur	AQUA	30.45200	75.77700	14:18:47	D	11.30
1579	Sangrur	Sher Pur	AQUA	30.48900	75.78100	14:18:47	D	7.40
1580	Sangrur	Sunam	S-NPP	29.97546	75.73799	12:51:58	D	8.50

1581	Sangrur	Sunam	S-NPP	29.99593	75.69096	12:51:58	D	7.50
1582	Sangrur	Sunam	S-NPP	29.99831	75.79215	12:51:58	D	2.80
1583	Sangrur	Sunam	S-NPP	30.00223	75.76396	12:51:58	D	3.90
1584	Sangrur	Sunam	S-NPP	30.03571	75.65678	12:51:58	D	13.80
1585	Sangrur	Sunam	S-NPP	30.03913	75.66867	14:32:15	D	7.40
1586	Sangrur	Sunam	S-NPP	30.04871	75.73598	14:32:15	D	12.60
1587	Sangrur	Sunam	S-NPP	30.05219	75.79446	12:51:58	D	5.40
1588	Sangrur	Sunam	S-NPP	30.05324	75.87292	14:32:15	D	15.50
1589	Sangrur	Sunam	S-NPP	30.05647	75.88866	12:51:58	D	5.20
1590	Sangrur	Sunam	S-NPP	30.05704	75.79302	12:51:58	D	5.40
1591	Sangrur	Sunam	S-NPP	30.06858	75.70842	12:51:58	D	6.10
1592	Sangrur	Sunam	S-NPP	30.06903	75.68784	12:51:58	D	19.70
1593	Sangrur	Sunam	S-NPP	30.07345	75.70696	12:51:58	D	3.80
1594	Sangrur	Sunam	S-NPP	30.09051	75.67530	14:32:15	D	7.20
1595	Sangrur	Sunam	S-NPP	30.09255	75.73315	14:32:15	D	5.90
1596	Sangrur	Sunam	S-NPP	30.09301	75.89104	12:51:58	D	4.50
1597	Sangrur	Sunam	S-NPP	30.09471	75.88867	12:51:58	D	4.50
1598	Sangrur	Sunam	S-NPP	30.10170	75.67125	12:51:58	D	4.20
1599	Sangrur	Sunam	S-NPP	30.10928	75.80090	14:32:15	D	6.10
1600	Sangrur	Sunam	S-NPP	30.10975	75.80216	14:32:15	D	8.80
1601	Sangrur	Sunam	S-NPP	30.11480	75.72853	12:51:58	D	19.80
1602	Sangrur	Sunam	S-NPP	30.11822	75.72074	12:51:58	D	6.80
1603	Sangrur	Sunam	S-NPP	30.12129	75.71653	14:32:15	D	5.40
1604	Sangrur	Sunam	S-NPP	30.12130	75.71509	14:32:15	D	5.20
1605	Sangrur	Sunam	S-NPP	30.12452	75.72561	12:51:58	D	6.80
1606	Sangrur	Sunam	S-NPP	30.14074	75.63854	14:32:15	D	8.20
1607	Sangrur	Sunam	S-NPP	30.14269	75.69743	14:32:15	D	7.80
1608	Sangrur	Sunam	S-NPP	30.14658	75.81681	14:32:15	D	3.70
1609	Sangrur	Sunam	S-NPP	30.14740	75.73212	12:51:58	D	3.00
1610	Sangrur	Sunam	S-NPP	30.15057	75.71408	14:32:15	D	14.60
1611	Sangrur	Sunam	S-NPP	30.15368	75.83118	12:51:58	D	6.20
1612	Sangrur	Sunam	S-NPP	30.17277	75.77860	12:51:58	D	7.50
1613	Sangrur	Sunam	AQUA	29.99000	75.74000	14:18:47	D	17.50

1614	Sangrur	Sunam	AQUA	30.03300	75.68200	14:18:47	D	10.90
1615	Sangrur	Sunam	AQUA	30.04100	75.84600	14:18:47	D	9.00
1616	Sangrur	Sunam	AQUA	30.05000	75.93700	14:18:47	D	12.20
1617	Sangrur	Sunam	AQUA	30.08400	75.65900	14:18:47	D	8.60
1618	Sangrur	Sunam	AQUA	30.08600	75.67400	14:18:47	D	18.40
1619	Sangrur	Sunam	AQUA	30.08700	75.87000	14:18:47	D	20.80
1620	Sangrur	Sunam	AQUA	30.11100	75.66500	14:18:47	D	11.90
1621	Sangrur	Sunam	AQUA	30.15000	75.62900	14:18:47	D	16.90
1622	SBS Nagar	Nawan Shahr	AQUA	31.14500	76.15400	14:18:47	D	8.80
1623	Tarn Taran	Bhikhiwind	S-NPP	31.25410	74.62047	14:32:15	D	9.50
1624	Tarn Taran	Patti	S-NPP	31.31010	74.89172	14:32:15	D	4.30

Details of residue burning events in Haryana on 13-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	FATEHABAD	BHUNA	S-NPP	29.58319	75.69200	14:32:15	D	12.20
2	FATEHABAD	BHUNA	S-NPP	29.58442	75.69219	14:32:15	D	9.20
3	FATEHABAD	BHUNA	AQUA	29.62300	75.62700	14:18:47	D	16.70
4	FATEHABAD	FATEHABAD	S-NPP	29.55462	75.32164	12:51:58	D	3.90
5	FATEHABAD	FATEHABAD	S-NPP	29.55542	75.32506	12:51:58	D	3.90
6	FATEHABAD	FATEHABAD	S-NPP	29.57607	75.61440	12:51:58	D	2.30
7	FATEHABAD	FATEHABAD	AQUA	29.46400	75.40000	14:18:47	D	19.10
8	FATEHABAD	FATEHABAD	AQUA	29.48900	75.43800	14:18:47	D	8.50
9	FATEHABAD	FATEHABAD	AQUA	29.53700	75.34100	14:18:47	D	11.20
10	FATEHABAD	FATEHABAD	AQUA	29.53900	75.35500	14:18:47	D	7.50
11	FATEHABAD	RATIA	S-NPP	29.67648	75.38064	14:32:15	D	13.10
12	FATEHABAD	RATIA	S-NPP	29.68168	75.38633	14:32:15	D	10.00
13	FATEHABAD	RATIA	S-NPP	29.69747	75.50998	12:51:58	D	9.40
14	FATEHABAD	RATIA	S-NPP	29.70294	75.41902	12:51:58	D	8.40
15	FATEHABAD	RATIA	S-NPP	29.73031	75.47515	14:32:15	D	3.30
16	FATEHABAD	RATIA	S-NPP	29.74862	75.40884	12:51:58	D	3.70
17	FATEHABAD	RATIA	AQUA	29.71800	75.41400	14:18:47	D	17.80
18	FATEHABAD	RATIA	AQUA	29.76100	75.42200	14:18:47	D	37.90
19	FATEHABAD	RATIA	AQUA	29.76600	75.65200	14:18:47	D	9.10
20	FATEHABAD	TOHANA	S-NPP	29.58160	75.91420	12:51:58	D	5.00
21	FATEHABAD	TOHANA	S-NPP	29.75033	75.82888	12:51:58	D	2.60
22	FATEHABAD	TOHANA	S-NPP	29.75053	75.82881	12:51:58	D	16.60
23	FATEHABAD	TOHANA	AQUA	29.63500	75.83200	14:18:47	D	8.40
24	FATEHABAD	TOHANA	AQUA	29.63700	75.84600	14:18:47	D	8.00
25	JHAJJAR	BERI	S-NPP	28.67559	76.50046	12:51:58	D	5.90
26	JIND	NARWANA	AQUA	29.72200	76.07100	14:18:47	D	13.40
27	JIND	SAFIDON	AQUA	29.36300	76.56900	14:18:47	D	17.80
28	KAITHAL	GUHLA	S-NPP	30.03839	76.31730	01:41:58	N	3.20
29	KAITHAL	GUHLA	TERRA	30.04100	76.32900	10:27:41	D	6.70
30	KURUKSHETRA	LADWA	AQUA	29.95800	77.01800	14:18:47	D	13.90
31	KURUKSHETRA	LADWA	AQUA	29.95800	77.03000	14:18:47	D	28.10

32	KURUKSHETRA	LADWA	AQUA	29.96000	77.03600	14:18:47	D	16.30
33	ROHTAK	MEHAM	S-NPP	28.90748	76.37371	12:51:58	D	3.30
34	ROHTAK	MEHAM	S-NPP	29.01875	76.40443	12:51:58	D	4.60
35	SIRSA	DABWALI	AQUA	29.96300	74.79600	14:18:47	D	19.90
36	SIRSA	NATHUSARI CHOPTA	S-NPP	29.49171	75.27008	14:32:15	D	8.80
37	SIRSA	RANIA	AQUA	29.56300	74.85700	14:18:47	D	8.00
38	SIRSA	SIRSA	S-NPP	29.46125	74.95488	14:32:15	D	14.10
39	SIRSA	SIRSA	S-NPP	29.46158	74.92721	12:51:58	D	1.70
40	SIRSA	SIRSA	S-NPP	29.46358	74.95748	14:32:15	D	9.90
41	SIRSA	SIRSA	S-NPP	29.48959	74.96102	14:32:15	D	3.30
42	SIRSA	SIRSA	S-NPP	29.56472	74.91275	14:32:15	D	4.10
43	YAMUNANAGAR	JAGADHRI	S-NPP	30.19612	77.25466	12:51:58	D	8.00
44	YAMUNANAGAR	JAGADHRI	S-NPP	30.19725	77.25982	12:51:58	D	9.20

Details of residue burning events in Uttar Pradesh on 13-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.34009	82.59589	12:51:58	D	3.30
2	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.37027	82.44954	12:51:58	D	4.80
3	AMBEDKARNAGAR	AKBARPUR	S-NPP	26.43084	82.47183	12:51:58	D	1.60
4	AMBEDKARNAGAR	TANDA	S-NPP	26.56604	82.51590	12:51:58	D	2.40
5	AMETHI	GAURIGANJ	S-NPP	26.22636	81.60943	12:51:58	D	5.10
6	AMETHI	GAURIGANJ	S-NPP	26.22761	81.61189	12:51:58	D	6.30
7	AURAIYA	AURAIYA	S-NPP	26.53520	79.36266	01:41:58	N	1.00
8	AURAIYA	BIDHUNA	S-NPP	26.66656	79.49179	12:51:58	D	2.90
9	AURAIYA	BIDHUNA	S-NPP	26.67467	79.57669	12:51:58	D	3.90
10	AZAMGARH	BURHANPUR	S-NPP	26.38567	82.95717	12:51:58	D	1.70
11	AZAMGARH	LALGANJ	S-NPP	25.70554	83.12931	12:51:58	D	2.40
12	AZAMGARH	LALGANJ	S-NPP	25.78227	83.03107	12:51:58	D	3.20
13	BADAUN	BADAUN	S-NPP	28.02404	79.22095	12:51:58	D	5.20
14	BADAUN	BISAU LI	S-NPP	28.30622	78.78542	12:51:58	D	5.70
15	BADAUN	BISAU LI	S-NPP	28.30787	78.78352	12:51:58	D	3.90
16	BAHRAICH	BAHRAICH	S-NPP	27.44800	81.83938	12:51:58	D	2.60
17	BAHRAICH	MAHASI	S-NPP	27.67106	81.44020	12:51:58	D	2.70
18	BAHRAICH	MAHASI	S-NPP	27.69799	81.46018	12:51:58	D	7.50
19	BAHRAICH	NANPARA	S-NPP	27.91858	81.60043	12:51:58	D	4.00
20	BAHRAICH	NANPARA	S-NPP	27.92226	81.59958	12:51:58	D	4.20
21	BALLIA	BALLIA	S-NPP	25.83850	84.07664	12:51:58	D	1.80
22	BALRAMPUR	TULSIPUR	S-NPP	27.42709	82.64727	12:51:58	D	8.10
23	BALRAMPUR	TULSIPUR	S-NPP	27.45498	82.65977	12:51:58	D	1.60
24	BALRAMPUR	TULSIPUR	S-NPP	27.46990	82.66115	12:51:58	D	1.20
25	BALRAMPUR	TULSIPUR	S-NPP	27.59444	82.64441	12:51:58	D	2.80
26	BARABANKI	NAWABGANJ	S-NPP	26.82912	81.27266	12:51:58	D	4.20
27	BARABANKI	SIRAU LI GAUSPUR	S-NPP	27.05111	81.43546	12:51:58	D	6.60
28	BAREILLY	BAHERI	S-NPP	28.84285	79.57683	12:51:58	D	1.50
29	BAREILLY	NAWABGANJ	S-NPP	28.55348	79.49971	12:51:58	D	3.10
30	BASTI	BASTI	S-NPP	26.65622	82.73350	12:51:58	D	2.40

31	BASTI	BASTI	S-NPP	26.69083	82.75085	12:51:58	D	6.90
32	BASTI	BASTI	S-NPP	26.70804	82.63884	12:51:58	D	3.80
33	BASTI	BHANPUR	S-NPP	26.95504	82.74356	12:51:58	D	2.80
34	BASTI	BHANPUR	S-NPP	26.96614	82.63801	12:51:58	D	2.60
35	BASTI	BHANPUR	S-NPP	26.97388	82.76740	12:51:58	D	2.90
36	BASTI	BHANPUR	S-NPP	27.07051	82.67754	12:51:58	D	2.20
37	BASTI	BHANPUR	S-NPP	27.08424	82.63844	12:51:58	D	2.50
38	BASTI	BHANPUR	S-NPP	27.10096	82.69099	12:51:58	D	2.40
39	BASTI	HARRAIYA	S-NPP	26.75196	82.65034	12:51:58	D	2.70
40	BASTI	RUDHAULI	S-NPP	26.88340	82.83204	12:51:58	D	2.70
41	BASTI	RUDHAULI	S-NPP	26.90199	82.83871	12:51:58	D	3.50
42	BASTI	RUDHAULI	S-NPP	26.90590	82.81934	12:51:58	D	2.10
43	BASTI	RUDHAULI	S-NPP	26.99624	82.81940	12:51:58	D	3.20
44	BASTI	RUDHAULI	S-NPP	27.01703	82.87486	12:51:58	D	3.30
45	BIJNOR	NAGINA	S-NPP	29.50399	78.38703	12:51:58	D	2.90
46	BIJNOR	NAJIBABAD	S-NPP	29.48488	78.25059	12:51:58	D	3.20
47	BULANDSAHAR	BULANDSHAHR	S-NPP	28.47051	77.87837	12:51:58	D	6.80
48	DEORIA	BARHAJ	S-NPP	26.21448	83.87434	12:51:58	D	1.40
49	DEORIA	DEORIA	S-NPP	26.63489	83.72563	12:51:58	D	1.60
50	DEORIA	SALEMPUR	S-NPP	26.18052	83.98335	12:51:58	D	3.50
51	DEORIA	SALEMPUR	S-NPP	26.24545	83.91082	12:51:58	D	2.60
52	DEORIA	SALEMPUR	S-NPP	26.38802	83.88185	12:51:58	D	3.10
53	DEORIA	SALEMPUR	S-NPP	26.39271	83.82507	12:51:58	D	2.40
54	ETAWAH	BHARTHNA	S-NPP	26.65817	79.29331	12:51:58	D	3.50
55	ETAWAH	BHARTHNA	S-NPP	26.67511	79.29984	12:51:58	D	6.00
56	ETAWAH	ETAWAH	S-NPP	26.87719	79.10883	12:51:58	D	7.40
57	FAIZABAD	FAIZSBAD	S-NPP	26.58243	82.35432	12:51:58	D	2.20
58	FAIZABAD	FAIZSBAD	S-NPP	26.61007	82.38231	12:51:58	D	6.90
59	FATEHPUR	BINKI	S-NPP	26.03351	80.76556	12:51:58	D	1.70
60	FATEHPUR	FATEHPUR	S-NPP	25.92777	80.65023	12:51:58	D	2.10
61	FATEHPUR	FATEHPUR	S-NPP	25.98374	80.80785	12:51:58	D	4.80
62	GAZIPUR	MUHAMMADBAD	S-NPP	25.60717	83.93021	12:51:58	D	4.90
63	GONDA	MANKAPUR	S-NPP	27.07689	82.49345	12:51:58	D	2.00

64	GONDA	MANKAPUR	S-NPP	27.11425	82.49472	12:51:58	D	2.60
65	GONDA	MANKAPUR	S-NPP	27.11443	82.43262	12:51:58	D	4.90
66	GORAKHPUR	BANSGAON	S-NPP	26.47247	83.41337	12:51:58	D	3.80
67	GORAKHPUR	BANSGAON	S-NPP	26.52162	83.30058	12:51:58	D	1.80
68	GORAKHPUR	CAMPIERGANJ	S-NPP	26.89868	83.27827	12:51:58	D	2.00
69	GORAKHPUR	CAMPIERGANJ	S-NPP	26.96679	83.22916	12:51:58	D	2.90
70	GORAKHPUR	CHAURI CHAURA	S-NPP	26.55553	83.58511	12:51:58	D	1.50
71	GORAKHPUR	CHAURI CHAURA	S-NPP	26.62167	83.58511	12:51:58	D	6.30
72	GORAKHPUR	CHAURI CHAURA	S-NPP	26.64592	83.60183	12:51:58	D	2.40
73	GORAKHPUR	CHAURI CHAURA	S-NPP	26.67974	83.61216	12:51:58	D	7.20
74	GORAKHPUR	CHAURI CHAURA	S-NPP	26.71459	83.53558	12:51:58	D	2.60
75	GORAKHPUR	CHAURI CHAURA	S-NPP	26.72092	83.55176	12:51:58	D	2.00
76	GORAKHPUR	GOLA	S-NPP	26.48752	83.31229	12:51:58	D	2.20
77	GORAKHPUR	GORAKHPUR	S-NPP	26.76404	83.49010	12:51:58	D	5.50
78	GORAKHPUR	GORAKHPUR	S-NPP	26.86878	83.48640	12:51:58	D	7.80
79	GORAKHPUR	KHAJNI	S-NPP	26.55007	83.27316	12:51:58	D	2.60
80	GORAKHPUR	KHAJNI	S-NPP	26.61217	83.19253	12:51:58	D	3.20
81	HARDOI	HARDOI	S-NPP	27.38148	80.03068	12:51:58	D	3.60
82	HARDOI	SHAHABAD	S-NPP	27.69560	80.22168	12:51:58	D	2.70
83	JAUNPUR	SHHGANJ	S-NPP	26.08367	82.46442	12:51:58	D	2.50
84	JHANSI	MOTH	S-NPP	25.75929	78.89693	12:51:58	D	8.10
85	KANPUR	KANPUR NAGAR	TERRA	26.40000	80.28400	10:27:41	D	4.30
86	KANPUR DEHAT	AKBARPUR	S-NPP	26.36062	79.97859	12:51:58	D	1.70
87	KANPUR DEHAT	AKBARPUR	S-NPP	26.36230	79.97893	12:51:58	D	2.20
88	KANPUR DEHAT	AKBARPUR	S-NPP	26.42735	79.95886	12:51:58	D	3.60
89	KANPUR DEHAT	RASULABAD	S-NPP	26.72754	79.83081	01:41:58	N	0.60
90	KANPUR DEHAT	RASULABAD	S-NPP	26.74682	79.74310	12:51:58	D	1.90
91	KANPUR DEHAT	RASULABAD	S-NPP	26.75903	79.87209	12:51:58	D	2.90
92	KHERI	LAKHIMPUR	S-NPP	27.99669	80.50797	12:51:58	D	6.50
93	KHERI	LAKHIMPUR	S-NPP	27.99720	80.51003	12:51:58	D	3.00
94	KUSHINAGAR	HATA	S-NPP	26.78679	83.62505	12:51:58	D	2.70
95	KUSHINAGAR	HATA	S-NPP	26.82457	83.58313	12:51:58	D	2.60
96	KUSHINAGAR	HATA	S-NPP	26.83244	83.75451	12:51:58	D	2.60

97	KUSHINAGAR	KASAYA	S-NPP	26.65774	84.00738	12:51:58	D	4.50
98	KUSHINAGAR	KASAYA	S-NPP	26.65912	84.01556	12:51:58	D	2.50
99	KUSHINAGAR	PADRAUNA	S-NPP	26.97569	83.96067	12:51:58	D	2.70
100	MAHARAJGANJ	MAHARAJGANJ	S-NPP	26.96493	83.62450	12:51:58	D	4.30
101	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.00097	83.54298	12:51:58	D	3.70
102	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.03068	83.53764	12:51:58	D	5.70
103	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.09953	83.54488	12:51:58	D	3.00
104	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.10973	83.52094	12:51:58	D	4.20
105	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.17418	83.53413	12:51:58	D	3.50
106	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.18542	83.57957	12:51:58	D	2.80
107	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.19135	83.53049	12:51:58	D	3.10
108	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.19206	83.53471	12:51:58	D	3.10
109	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.19277	83.53890	12:51:58	D	3.40
110	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.23071	83.51862	12:51:58	D	3.10
111	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.23143	83.52283	12:51:58	D	6.30
112	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.23415	83.51789	12:51:58	D	3.10
113	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.25289	83.54439	12:51:58	D	10.90
114	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.25489	83.53528	12:51:58	D	3.70
115	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.25774	83.55205	12:51:58	D	7.20
116	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.25916	83.56044	12:51:58	D	3.90
117	MAHARAJGANJ	MAHARAJGANJ	S-NPP	27.25988	83.56464	12:51:58	D	3.90
118	MAHARAJGANJ	NAUTANWA	S-NPP	27.24182	83.35416	12:51:58	D	3.80
119	MAHARAJGANJ	NAUTANWA	S-NPP	27.24528	83.35343	12:51:58	D	2.70
120	MAHARAJGANJ	NAUTANWA	S-NPP	27.33897	83.47523	12:51:58	D	3.90
121	MAHARAJGANJ	PHARENDA	S-NPP	27.29359	83.34312	12:51:58	D	3.30
122	MATHURA	CHHATA	S-NPP	27.88555	77.43268	12:51:58	D	17.50
123	MAU	MAU	S-NPP	25.88491	83.68851	12:51:58	D	2.10
124	MAU	MAU	S-NPP	25.90508	83.70180	12:51:58	D	3.60
125	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	29.48083	77.47797	12:51:58	D	4.40
126	RAIBEARELI	RAEBARELI	TERRA	26.18600	81.13700	10:27:41	D	5.20
127	SANTKABIRNAGAR	GHANGHATA	S-NPP	26.64286	83.07816	12:51:58	D	2.00
128	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.66846	83.09993	12:51:58	D	1.70
129	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.74895	83.06109	12:51:58	D	2.90

130	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.78391	82.98970	12:51:58	D	3.80
131	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.90397	82.91203	12:51:58	D	5.00
132	SANTKABIRNAGAR	KHALILABAD	S-NPP	26.90427	82.91059	12:51:58	D	5.30
133	SHAHJAHANPUR	PUWANYA	S-NPP	28.00723	80.05056	01:41:58	N	0.70
134	SHAHJAHANPUR	PUWANYA	S-NPP	28.00886	80.04918	01:41:58	N	0.70
135	SHAHJAHANPUR	PUWANYA	S-NPP	28.03664	80.02555	01:41:58	N	1.30
136	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	29.81666	77.48566	12:51:58	D	3.10
137	SHRAWASTI	BHINGA	S-NPP	27.87802	81.63836	12:51:58	D	2.60
138	SHRAWASTI	BHINGA	S-NPP	27.87992	81.64005	12:51:58	D	2.30
139	SHRAWASTI	IKAUNA	S-NPP	27.55814	81.82634	12:51:58	D	5.00
140	SHRAWASTI	IKAUNA	S-NPP	27.62300	81.70795	12:51:58	D	1.60
141	SHRAWASTI	IKAUNA	S-NPP	27.65725	81.79153	12:51:58	D	2.40
142	SHRAWASTI	IKAUNA	S-NPP	27.67013	81.77847	12:51:58	D	2.40
143	SHRAWASTI	IKAUNA	S-NPP	27.67046	81.73782	12:51:58	D	2.10
144	SHRAWASTI	IKAUNA	S-NPP	27.67500	81.74184	12:51:58	D	7.30
145	SHRAWASTI	IKAUNA	S-NPP	27.67710	81.74339	12:51:58	D	5.40
146	SIDDHARTHANAGAR	BANSI	S-NPP	27.04761	82.79896	12:51:58	D	2.80
147	SIDDHARTHANAGAR	BANSI	S-NPP	27.05498	82.86201	12:51:58	D	5.00
148	SIDDHARTHANAGAR	BANSI	S-NPP	27.06054	82.81003	12:51:58	D	5.10
149	SIDDHARTHANAGAR	BANSI	S-NPP	27.08821	82.86400	12:51:58	D	4.30
150	SIDDHARTHANAGAR	BANSI	S-NPP	27.08838	82.92821	12:51:58	D	4.30
151	SIDDHARTHANAGAR	BANSI	S-NPP	27.14773	82.85231	12:51:58	D	5.40
152	SIDDHARTHANAGAR	BANSI	S-NPP	27.24478	82.91094	12:51:58	D	2.70
153	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.19971	82.57274	12:51:58	D	7.70
154	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.21519	82.59760	12:51:58	D	5.40
155	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.21839	82.61569	12:51:58	D	4.70
156	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.22672	82.64200	12:51:58	D	3.50
157	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	27.25233	82.64106	12:51:58	D	2.80
158	SIDDHARTHANAGAR	ITWA	S-NPP	27.20881	82.74845	12:51:58	D	4.20
159	SIDDHARTHANAGAR	ITWA	S-NPP	27.25542	82.82608	12:51:58	D	3.30
160	SIDDHARTHANAGAR	ITWA	S-NPP	27.28519	82.78728	12:51:58	D	3.60
161	SIDDHARTHANAGAR	ITWA	S-NPP	27.34863	82.75624	12:51:58	D	2.70
162	SIDDHARTHANAGAR	ITWA	S-NPP	27.35058	82.74654	12:51:58	D	2.60

163	SIDDHARTHANAGAR	ITWA	S-NPP	27.35372	82.72269	12:51:58	D	1.50
164	SIDDHARTHANAGAR	ITWA	S-NPP	27.37963	82.66118	12:51:58	D	3.30
165	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	27.36365	83.05309	12:51:58	D	3.80
166	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	27.36446	83.05403	12:51:58	D	3.90
167	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	27.44478	82.93250	12:51:58	D	2.00
168	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	27.44823	82.93271	12:51:58	D	1.40
169	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	27.45327	82.94071	12:51:58	D	6.10
170	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	27.45328	82.93973	12:51:58	D	6.00
171	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	27.47629	82.88560	12:51:58	D	2.20
172	SULTANPUR	JAISINGHPUR	S-NPP	26.32548	82.21858	12:51:58	D	4.10
173	SULTANPUR	KADIRPUR	S-NPP	26.17758	82.56985	12:51:58	D	3.20
174	UNNAO	HASANGANJ	S-NPP	26.83712	80.66240	12:51:58	D	2.40
175	UNNAO	SAFIPUR	S-NPP	26.96524	80.22169	12:51:58	D	2.60
176	VARANASI	VARANASI	S-NPP	25.41537	83.11436	12:51:58	D	2.10

Details of residue burning events in Rajasthan on 13-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	BARAN	BARAN	S-NPP	25.03436	76.61418	12:51:58	D	1.80
2	GANGANAGAR	ANAPGARH	S-NPP	29.14628	73.32493	14:32:15	D	2.60
3	GANGANAGAR	ANAPGARH	S-NPP	29.15177	73.32526	14:32:15	D	6.10
4	GANGANAGAR	ANAPGARH	S-NPP	29.15269	73.32452	14:32:15	D	2.60
5	GANGANAGAR	SURATGARH	S-NPP	29.36113	73.96162	12:51:58	D	7.40
6	GANGANAGAR	SURATGARH	AQUA	29.35100	73.72100	14:18:47	D	7.50
7	GANGANAGAR	VIJAY NAGAR	S-NPP	29.35347	73.67986	14:32:15	D	5.00
8	GANGANAGAR	VIJAY NAGAR	AQUA	29.29800	73.64400	14:18:47	D	10.20
9	GANGANAGAR	VIJAY NAGAR	AQUA	29.29900	73.65500	14:18:47	D	11.30
10	GANGANAGAR	VIJAY NAGAR	AQUA	29.30400	73.64800	14:18:47	D	20.10
11	GANGANAGAR	VIJAY NAGAR	AQUA	29.35000	73.71000	14:18:47	D	9.20
12	HANUMANGARH	HANUMANGARH	S-NPP	29.49487	74.15239	12:51:58	D	2.50
13	HANUMANGARH	HANUMANGARH	S-NPP	29.53724	74.20793	12:51:58	D	2.30
14	HANUMANGARH	HANUMANGARH	S-NPP	29.54598	74.23820	14:32:15	D	13.20
15	HANUMANGARH	HANUMANGARH	S-NPP	29.54836	74.23674	14:32:15	D	8.50
16	HANUMANGARH	HANUMANGARH	S-NPP	29.57163	74.23129	12:51:58	D	4.00
17	HANUMANGARH	HANUMANGARH	S-NPP	29.58787	74.35795	14:32:15	D	5.50
18	HANUMANGARH	HANUMANGARH	S-NPP	29.58914	74.38557	14:32:15	D	9.00
19	HANUMANGARH	HANUMANGARH	AQUA	29.51000	74.17300	14:18:47	D	11.90
20	HANUMANGARH	HANUMANGARH	AQUA	29.54800	74.24000	14:18:47	D	16.80
21	HANUMANGARH	HANUMANGARH	AQUA	29.56900	74.23000	14:18:47	D	24.60
22	HANUMANGARH	HANUMANGARH	AQUA	29.57900	74.22900	14:18:47	D	8.90
23	HANUMANGARH	HANUMANGARH	AQUA	29.58000	74.40100	14:18:47	D	14.40
24	HANUMANGARH	HANUMANGARH	AQUA	29.63500	74.36800	14:18:47	D	8.40
25	HANUMANGARH	PILIBANGA	S-NPP	29.38710	73.94498	14:32:15	D	7.30
26	HANUMANGARH	PILIBANGA	S-NPP	29.38809	74.02413	12:51:58	D	5.50
27	HANUMANGARH	PILIBANGA	S-NPP	29.39043	74.00998	14:32:15	D	2.90
28	HANUMANGARH	PILIBANGA	S-NPP	29.40105	73.95717	14:32:15	D	2.90
29	HANUMANGARH	PILIBANGA	S-NPP	29.43605	74.03130	12:51:58	D	3.40
30	HANUMANGARH	PILIBANGA	S-NPP	29.43643	74.03103	12:51:58	D	3.60

31	HANUMANGARH	PILIBANGA	S-NPP	29.44909	74.04939	14:32:15	D	9.90
32	HANUMANGARH	PILIBANGA	S-NPP	29.47939	74.12069	14:32:15	D	17.50
33	HANUMANGARH	PILIBANGA	S-NPP	29.48609	74.12032	14:32:15	D	6.20
34	HANUMANGARH	PILIBANGA	S-NPP	29.50017	74.13290	14:32:15	D	8.40
35	HANUMANGARH	PILIBANGA	S-NPP	29.50316	74.13140	14:32:15	D	7.40
36	HANUMANGARH	PILIBANGA	AQUA	29.38800	73.93600	14:18:47	D	7.10
37	HANUMANGARH	PILIBANGA	AQUA	29.45800	74.06100	14:18:47	D	32.70
38	HANUMANGARH	PILIBANGA	AQUA	29.49500	74.12700	14:18:47	D	8.30
39	HANUMANGARH	SANGHRIYA	AQUA	29.64300	74.42900	14:18:47	D	12.00
40	HANUMANGARH	TIBI	S-NPP	29.54985	74.45139	14:32:15	D	5.80
41	HANUMANGARH	TIBI	S-NPP	29.55101	74.45015	14:32:15	D	8.00
42	HANUMANGARH	TIBI	S-NPP	29.56150	74.53417	14:32:15	D	6.70
43	HANUMANGARH	TIBI	S-NPP	29.56386	74.45774	14:32:15	D	3.60
44	HANUMANGARH	TIBI	S-NPP	29.56498	74.45644	14:32:15	D	6.40
45	HANUMANGARH	TIBI	S-NPP	29.57336	74.49115	14:32:15	D	3.50
46	HANUMANGARH	TIBI	S-NPP	29.57729	74.46835	12:51:58	D	3.30
47	HANUMANGARH	TIBI	S-NPP	29.57821	74.47218	12:51:58	D	3.30
48	HANUMANGARH	TIBI	S-NPP	29.57927	74.46976	14:32:15	D	24.90
49	HANUMANGARH	TIBI	S-NPP	29.58800	74.51159	14:32:15	D	7.90
50	HANUMANGARH	TIBI	S-NPP	29.59126	74.45575	12:51:58	D	3.50
51	HANUMANGARH	TIBI	S-NPP	29.59295	74.46908	14:32:15	D	15.90
52	HANUMANGARH	TIBI	S-NPP	29.64405	74.45521	12:51:58	D	3.00
53	HANUMANGARH	TIBI	S-NPP	29.64765	74.45469	12:51:58	D	2.80
54	HANUMANGARH	TIBI	S-NPP	29.65211	74.46505	12:51:58	D	1.90
55	HANUMANGARH	TIBI	S-NPP	29.65383	74.45206	14:32:15	D	4.50
56	HANUMANGARH	TIBI	S-NPP	29.65436	74.45297	14:32:15	D	8.00
57	HANUMANGARH	TIBI	AQUA	29.54500	74.45000	14:18:47	D	7.50
58	HANUMANGARH	TIBI	AQUA	29.56500	74.53500	14:18:47	D	16.10
59	HANUMANGARH	TIBI	AQUA	29.59400	74.53000	14:18:47	D	10.90
60	HANUMANGARH	TIBI	AQUA	29.66700	74.46300	14:18:47	D	7.40

Details of residue burning events in Madhya Pradesh on 13-Nov-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m ²)
1	BALAGHAT	BAIHAR	S-NPP	22.07514	80.69533	12:51:58	D	3.30
2	BETUL	AMLAL	S-NPP	21.90302	78.26264	12:51:58	D	1.60
3	BHIND	GOHAD	S-NPP	26.51240	78.29223	12:51:58	D	5.30
4	CHHINDWARA	AMARWARA	S-NPP	22.20118	78.95338	12:51:58	D	2.90
5	CHHINDWARA	CHAURAI	S-NPP	22.00410	79.17651	12:51:58	D	3.80
6	CHHINDWARA	CHAURAI	S-NPP	22.07036	79.28554	12:51:58	D	3.70
7	CHHINDWARA	CHAURAI	S-NPP	22.07145	79.28268	12:51:58	D	1.80
8	CHHINDWARA	CHAURAI	S-NPP	22.09276	79.14791	12:51:58	D	5.60
9	CHHINDWARA	CHHINDWARA	TERRA	21.90500	78.90200	10:27:41	D	7.20
10	CHHINDWARA	PARASIA	AQUA	22.26700	78.83700	14:18:47	D	12.80
11	DAMOH	JABERA	S-NPP	23.74312	79.69212	12:51:58	D	4.70
12	DATIA	BHANDER	S-NPP	25.90390	78.77435	12:51:58	D	5.60
13	DATIA	BHANDER	S-NPP	25.90590	78.77610	12:51:58	D	8.60
14	DATIA	BHANDER	S-NPP	25.91292	78.67468	12:51:58	D	9.20
15	DATIA	BHANDER	S-NPP	25.91721	78.76285	12:51:58	D	8.20
16	DATIA	BHANDER	S-NPP	25.91740	78.67354	12:51:58	D	9.20
17	DATIA	DATIA	S-NPP	25.65306	78.31644	12:51:58	D	3.80
18	DATIA	DATIA	S-NPP	25.77990	78.42546	12:51:58	D	4.90
19	DATIA	SEONDHA	S-NPP	25.85769	78.54731	12:51:58	D	9.00
20	DATIA	SEONDHA	S-NPP	25.85820	78.54976	12:51:58	D	7.10
21	DATIA	SEONDHA	S-NPP	25.91406	78.58932	12:51:58	D	3.70
22	DATIA	SEONDHA	S-NPP	25.96266	78.61803	12:51:58	D	3.80
23	DATIA	SEONDHA	S-NPP	25.98530	78.68278	12:51:58	D	8.10
24	DATIA	SEONDHA	S-NPP	25.98546	78.68104	12:51:58	D	8.30
25	DATIA	SEONDHA	S-NPP	25.98756	78.69101	12:51:58	D	5.40
26	DATIA	SEONDHA	S-NPP	25.99385	78.70163	12:51:58	D	5.50
27	DATIA	SEONDHA	S-NPP	25.99414	78.69984	12:51:58	D	5.90
28	DATIA	SEONDHA	S-NPP	26.01246	78.74231	12:51:58	D	3.20
29	DATIA	SEONDHA	S-NPP	26.02304	78.70306	12:51:58	D	6.60

30	DEWAS	DEWAS	S-NPP	22.86039	76.18430	01:41:58	N	0.30
31	GUNA	GUNA	S-NPP	24.50588	77.37373	12:51:58	D	2.30
32	GUNA	GUNA	S-NPP	24.73112	77.14464	12:51:58	D	2.30
33	GWALIOR	BHITARWAR	S-NPP	25.78914	78.04211	12:51:58	D	7.60
34	GWALIOR	BHITARWAR	S-NPP	25.81249	78.03611	12:51:58	D	8.20
35	GWALIOR	BHITARWAR	S-NPP	25.81366	78.04161	12:51:58	D	8.20
36	GWALIOR	BHITARWAR	S-NPP	25.82067	78.02823	12:51:58	D	7.90
37	GWALIOR	BHITARWAR	S-NPP	25.87115	78.00840	12:51:58	D	5.40
38	GWALIOR	BHITARWAR	S-NPP	25.88055	78.05225	12:51:58	D	3.50
39	GWALIOR	BHITARWAR	S-NPP	25.88290	78.06319	12:51:58	D	8.20
40	GWALIOR	BHITARWAR	S-NPP	25.90271	78.01779	12:51:58	D	4.40
41	GWALIOR	BHITARWAR	S-NPP	25.91436	78.02638	12:51:58	D	3.70
42	GWALIOR	BHITARWAR	S-NPP	25.96299	78.09438	12:51:58	D	6.20
43	GWALIOR	BHITARWAR	S-NPP	25.96442	78.09163	12:51:58	D	6.20
44	GWALIOR	BHITARWAR	S-NPP	25.96672	78.07959	12:51:58	D	3.90
45	GWALIOR	DABRA	S-NPP	25.92204	78.39762	12:51:58	D	3.90
46	GWALIOR	DABRA	S-NPP	25.92480	78.39542	12:51:58	D	6.10
47	GWALIOR	DABRA	S-NPP	25.92602	78.37861	12:51:58	D	4.60
48	GWALIOR	DABRA	S-NPP	25.92793	78.37960	12:51:58	D	5.90
49	GWALIOR	DABRA	S-NPP	25.95052	78.28955	12:51:58	D	5.40
50	HOSHANGABAD	BANKHERI	TERRA	22.72800	78.44500	10:27:41	D	8.80
51	HOSHANGABAD	ITARSI	S-NPP	22.51423	77.68289	12:51:58	D	1.90
52	HOSHANGABAD	SOHAGPUR	TERRA	22.83600	78.20400	10:27:41	D	4.60
53	JABALPUR	JABALPUR	S-NPP	23.16963	79.85143	12:51:58	D	3.50
54	JABALPUR	JABALPUR	S-NPP	23.24644	80.00466	12:51:58	D	2.80
55	JABALPUR	JABALPUR	S-NPP	23.26184	79.96716	12:51:58	D	3.80
56	JABALPUR	JABALPUR	S-NPP	23.30843	79.99501	12:51:58	D	4.70
57	JABALPUR	MAJHOULI	S-NPP	23.42811	80.00491	12:51:58	D	4.80
58	JABALPUR	MAJHOULI	S-NPP	23.44483	80.02020	12:51:58	D	3.90
59	JABALPUR	MAJHOULI	S-NPP	23.45786	80.01719	12:51:58	D	6.00
60	JABALPUR	MAJHOULI	S-NPP	23.60340	79.97057	12:51:58	D	3.50
61	JABALPUR	PATAN	S-NPP	23.21518	79.68578	12:51:58	D	5.20
62	JABALPUR	SAHPURA	S-NPP	23.02174	79.61980	12:51:58	D	9.10

63	JABALPUR	SAHPURA	S-NPP	23.02331	79.62176	12:51:58	D	7.10
64	JABALPUR	SAHPURA	S-NPP	23.16089	79.77219	12:51:58	D	4.60
65	JABALPUR	SAHPURA	S-NPP	23.16205	79.76861	12:51:58	D	3.60
66	JABALPUR	SAHPURA	S-NPP	23.18423	79.76345	12:51:58	D	5.00
67	JABALPUR	SAHPURA	TERRA	23.16100	79.76800	10:27:41	D	5.90
68	JABALPUR	SIHORA	S-NPP	23.35848	80.08681	12:51:58	D	2.00
69	JABALPUR	SIHORA	S-NPP	23.38003	80.19503	12:51:58	D	2.60
70	JABALPUR	SIHORA	S-NPP	23.38700	80.07063	12:51:58	D	2.50
71	JABALPUR	SIHORA	S-NPP	23.43606	80.22864	12:51:58	D	3.70
72	JABALPUR	SIHORA	S-NPP	23.43953	80.24641	12:51:58	D	13.30
73	KATNI	BIJERAGHOGARH	S-NPP	23.97062	80.73968	12:51:58	D	2.80
74	KATNI	MURBARA	S-NPP	23.87013	80.46786	12:51:58	D	2.10
75	KATNI	RITHI	S-NPP	23.89822	79.99284	12:51:58	D	1.50
76	MANDLA	NAINPUR	S-NPP	22.42308	80.15505	12:51:58	D	5.30
77	MANDLA	NAINPUR	S-NPP	22.50982	80.06481	12:51:58	D	2.70
78	NARSHIMAPURA	GADARWARA	TERRA	22.78600	78.68500	10:27:41	D	7.00
79	NARSHIMAPURA	GOTECAON	S-NPP	22.94440	79.49248	12:51:58	D	4.70
80	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.76479	79.30861	12:51:58	D	16.30
81	RAISEN	BARELI	TERRA	22.83700	78.06600	10:27:41	D	4.40
82	RAISEN	GOHARGANJ	AQUA	23.02100	77.62300	14:18:47	D	15.20
83	REWA	HUZUR	S-NPP	24.46835	81.43589	12:51:58	D	4.30
84	REWA	HUZUR	S-NPP	24.46877	81.30872	12:51:58	D	5.30
85	REWA	HUZUR	S-NPP	24.51865	81.20089	12:51:58	D	3.30
86	REWA	HUZUR	S-NPP	24.66483	81.17203	12:51:58	D	4.30
87	REWA	TEONTHAR	S-NPP	25.05445	81.64278	01:41:58	N	0.40
88	SATNA	AMARPATAN	S-NPP	24.45003	81.23202	12:51:58	D	2.10
89	SATNA	AMARPATAN	S-NPP	24.49156	81.21092	12:51:58	D	2.70
90	SATNA	MAIHAR	S-NPP	24.25562	80.79025	12:51:58	D	1.80
91	SATNA	NAGOD	S-NPP	24.56219	80.48417	12:51:58	D	1.10
92	SATNA	NAGOD	S-NPP	24.62003	80.44506	12:51:58	D	3.40
93	SATNA	NAGOD	S-NPP	24.63211	80.64693	12:51:58	D	6.70
94	SATNA	NAGOD	S-NPP	24.63392	80.64665	12:51:58	D	6.70
95	SATNA	NAGOD	S-NPP	24.64261	80.55998	12:51:58	D	1.90

96	SATNA	R>MPURBAGHLEAN	S-NPP	24.39892	80.87802	12:51:58	D	1.80
97	SATNA	R>MPURBAGHLEAN	S-NPP	24.56668	81.14333	12:51:58	D	2.20
98	SATNA	R>MPURBAGHLEAN	S-NPP	24.64235	81.05440	12:51:58	D	4.20
99	SATNA	R>MPURBAGHLEAN	S-NPP	24.64350	81.08211	12:51:58	D	2.90
100	SATNA	R>MPURBAGHLEAN	S-NPP	24.73127	81.03800	12:51:58	D	3.30
101	SATNA	RAGUR>JNAGAR	S-NPP	24.58345	80.92286	12:51:58	D	5.90
102	SATNA	RAGUR>JNAGAR	S-NPP	24.59000	80.91326	12:51:58	D	2.00
103	SATNA	RAGUR>JNAGAR	S-NPP	24.73285	80.76169	12:51:58	D	2.00
104	SATNA	UCHAHAR	S-NPP	24.42202	80.84385	12:51:58	D	2.40
105	SATNA	UCHAHAR	S-NPP	24.54463	80.65883	12:51:58	D	4.20
106	SATNA	UCHAHAR	S-NPP	24.55560	80.71496	12:51:58	D	7.30
107	SEONI	GHANSAUR	S-NPP	22.40180	79.81079	12:51:58	D	8.80
108	SEONI	GHANSAUR	S-NPP	22.40254	79.80890	12:51:58	D	8.70
109	SEONI	GHANSAUR	S-NPP	22.41548	79.82633	12:51:58	D	4.90
110	SEONI	GHANSAUR	S-NPP	22.44968	79.87971	12:51:58	D	11.10
111	SEONI	KEWLARI	S-NPP	22.31950	79.79906	12:51:58	D	4.40
112	SEONI	KEWLARI	S-NPP	22.33226	79.86236	12:51:58	D	1.30
113	SEONI	KEWLARI	S-NPP	22.33582	79.97270	12:51:58	D	2.60
114	SEONI	KEWLARI	S-NPP	22.34062	79.76338	12:51:58	D	2.60
115	SEONI	KEWLARI	S-NPP	22.35867	79.75926	12:51:58	D	6.10
116	SEONI	KEWLARI	S-NPP	22.39272	79.95452	12:51:58	D	5.30
117	SEONI	KEWLARI	S-NPP	22.40636	79.97650	12:51:58	D	2.90
118	SEONI	KEWLARI	S-NPP	22.45208	79.98425	12:51:58	D	24.70
119	SEONI	KEWLARI	TERRA	22.30600	79.80400	10:27:41	D	7.40
120	SEONI	KEWLARI	TERRA	22.31600	79.79600	10:27:41	D	7.70
121	SEONI	KEWLARI	TERRA	22.35400	79.73200	10:27:41	D	6.00
122	SEONI	KEWLARI	TERRA	22.36600	79.77400	10:27:41	D	5.10
123	SEONI	KEWLARI	AQUA	22.42100	80.03200	14:18:47	D	26.00
124	SEONI	KEWLARI	AQUA	22.45800	80.00600	14:18:47	D	22.50
125	SEONI	SEONI	S-NPP	22.02514	79.49414	12:51:58	D	6.70
126	SEONI	SEONI	S-NPP	22.04872	79.39587	12:51:58	D	3.30
127	SEONI	SEONI	S-NPP	22.05074	79.47748	12:51:58	D	5.50
128	SEONI	SEONI	S-NPP	22.10007	79.67408	12:51:58	D	4.70

129	SEONI	SEONI	S-NPP	22.22742	79.47687	12:51:58	D	3.50
130	SEONI	SEONI	S-NPP	22.24307	79.74756	12:51:58	D	4.10
131	SEONI	SEONI	S-NPP	22.25740	79.79589	12:51:58	D	4.30
132	SEONI	SEONI	S-NPP	22.26508	79.76321	12:51:58	D	4.40
133	SEONI	SEONI	S-NPP	22.27774	79.82722	12:51:58	D	5.60
134	SEONI	SEONI	S-NPP	22.28028	79.81631	12:51:58	D	7.40
135	SEONI	SEONI	S-NPP	22.28282	79.73327	12:51:58	D	3.60
136	SEONI	SEONI	S-NPP	22.28748	79.73427	12:51:58	D	4.00
137	SEONI	SEONI	S-NPP	22.29154	79.77769	12:51:58	D	8.20
138	SEONI	SEONI	S-NPP	22.29198	79.77961	12:51:58	D	11.80
139	SEONI	SEONI	TERRA	22.27200	79.78200	10:27:41	D	6.40
140	SHEOPUR	SHEOPUR	S-NPP	25.86558	76.67109	12:51:58	D	1.70
141	SHIVPURI	NARWAR	S-NPP	25.55627	78.19050	12:51:58	D	2.70
142	SHIVPURI	NARWAR	S-NPP	25.58416	78.10576	12:51:58	D	7.30
143	SHIVPURI	NARWAR	S-NPP	25.71494	78.06963	12:51:58	D	5.00
144	WEST NIMAR	BARWAH	S-NPP	22.17310	75.92545	01:41:58	N	0.70

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 (ISRO)**

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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)

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