

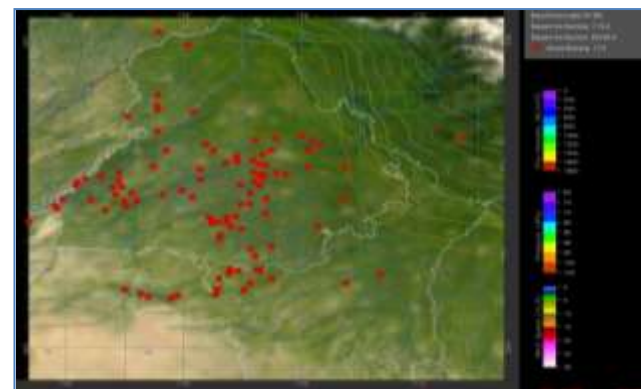
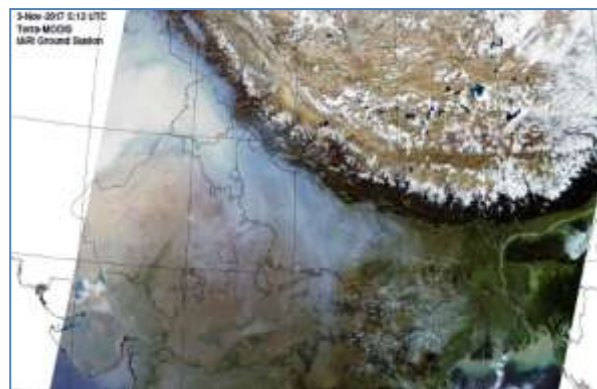


# MONITORING PADDY RESIDUE BURNING IN NORTH INDIA USING SATELLITE REMOTE SENSING DURING 2020

**Bulletin  
No. 22**

**Events Date:  
22-Oct-2020**

**Issued on:  
23-Oct-2020**



**Prepared by:**

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

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



### Highlights for 22-October-2020

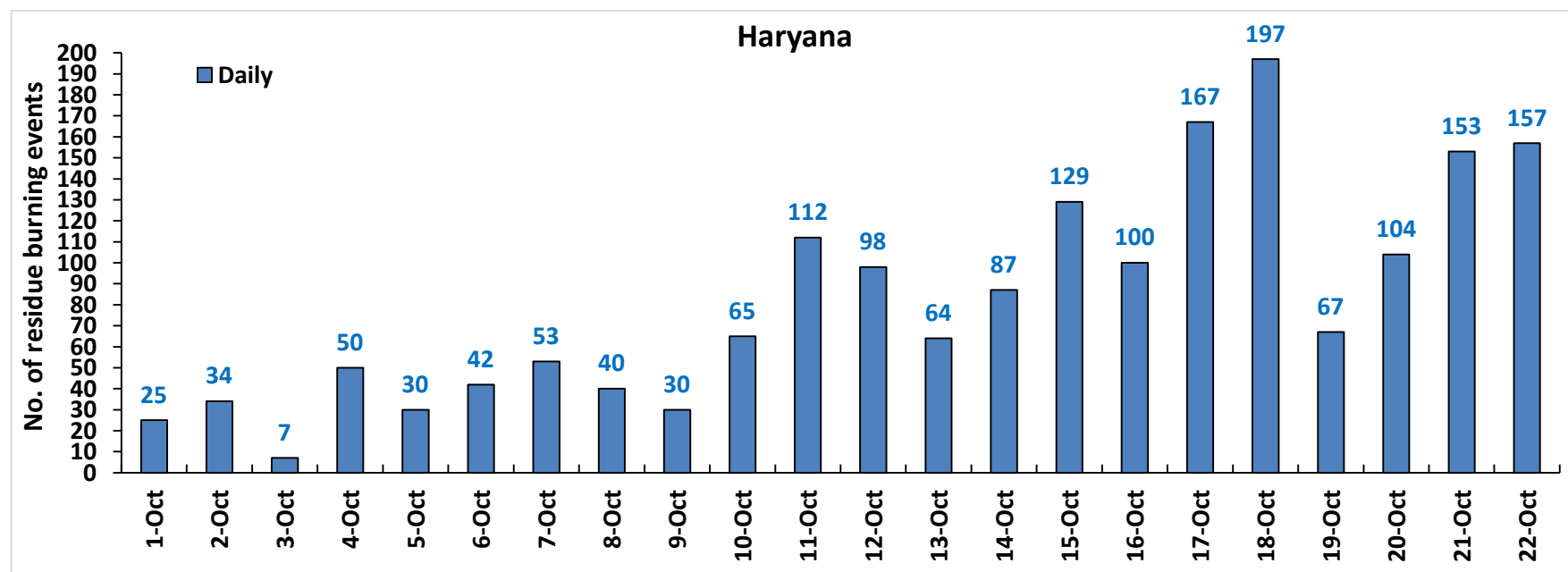
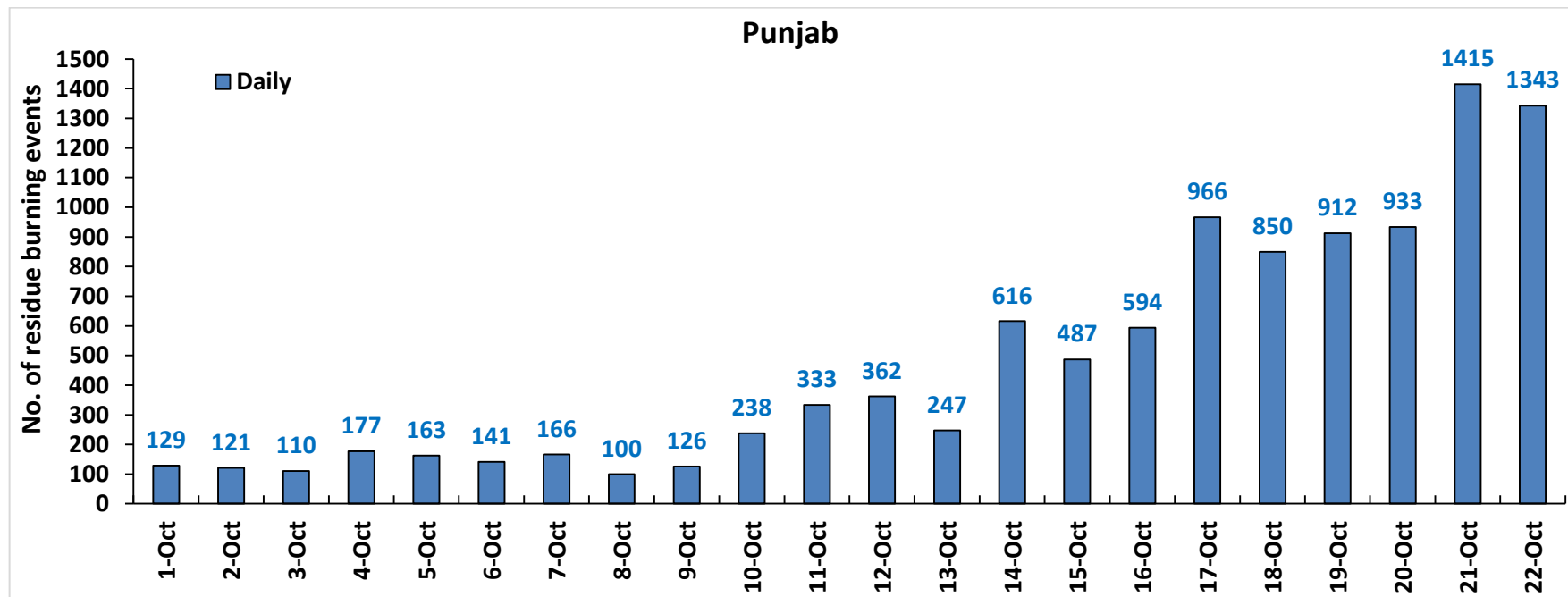
- Satellites detected **1535** residue burning events in the three study States on 22-Oct-2020.
- The state wise events detected on **22-Oct-2020** were **1343** in Punjab, **157** in Haryana and **35** in UP.
- The number of events has decreased from **1598** on **21-Oct-2020** to **1535** on **22-Oct-2020** in the three states.
- Tarn Taran in Punjab, Kaithal in Haryana and Rampur in UP reported the highest number of events on **22-Oct-2020**.
- Total **12855** burning events were detected in the three States between **01-Oct-2020** and **22-Oct-2020**, which are distributed as **10529**, **1811** and **515** in Punjab, Haryana and UP, respectively.
- In Haryana and UP, the cumulative number of burning events between **1-Oct** and **22-Oct 2020** were lower than in **2019**, while in Punjab the cumulative number of events were more than in **2019**.

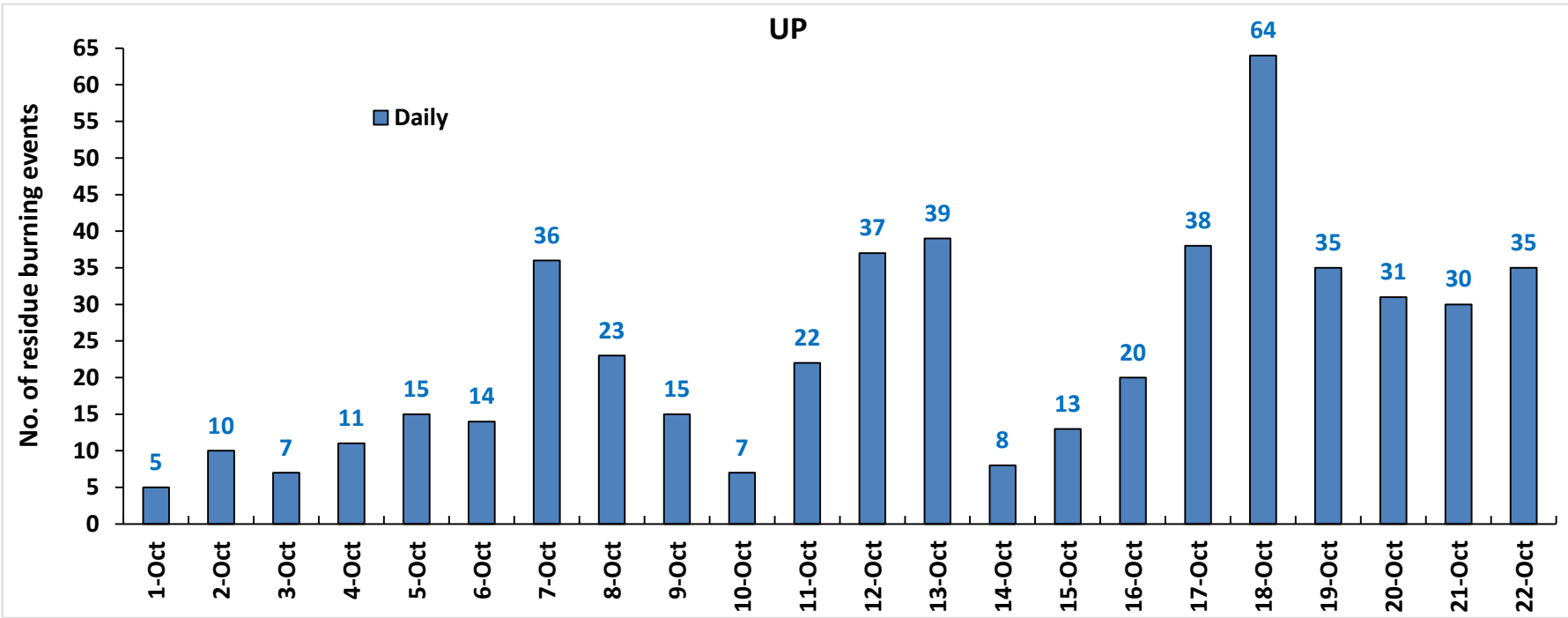
[S-NPP \(VIIRS\) Satellite image of North India Acquired on 22-Oct-2020 at 13:36 by IARI Ground Station](#)





### Temporal distribution of residue burning events for the three study States in 2020

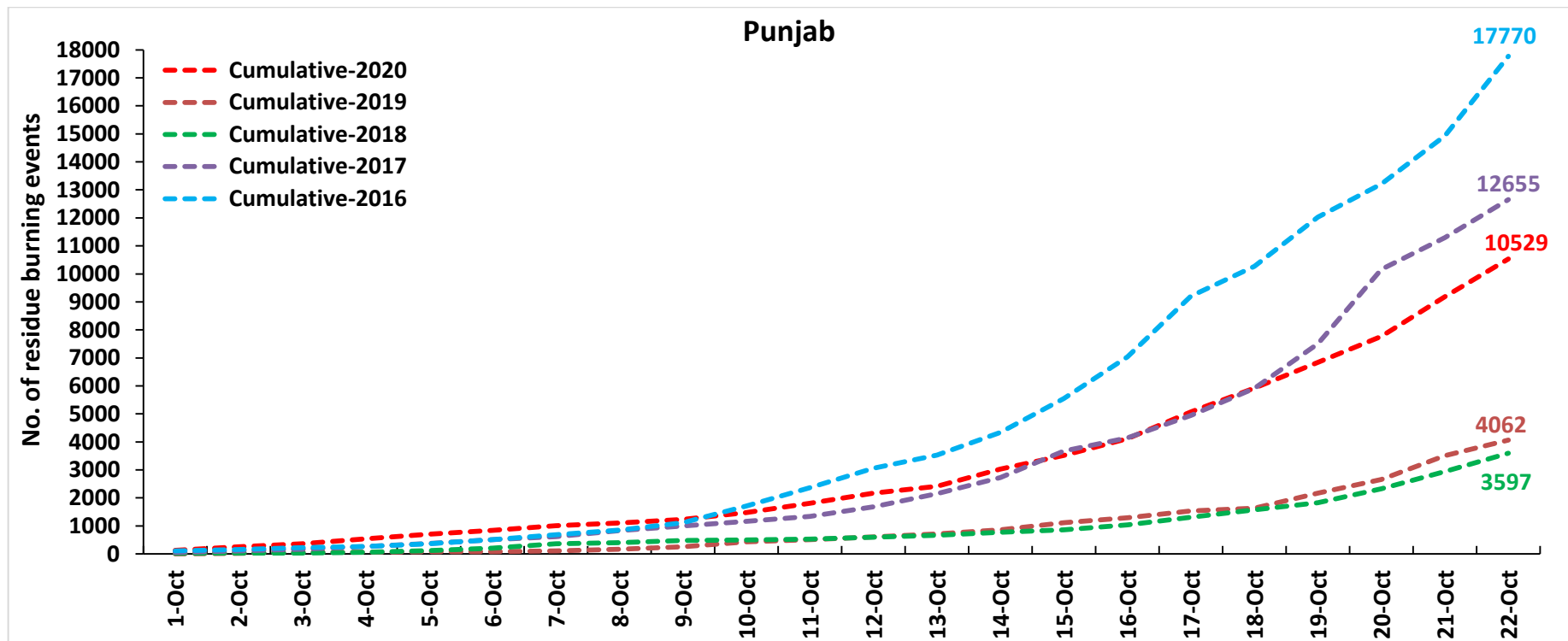


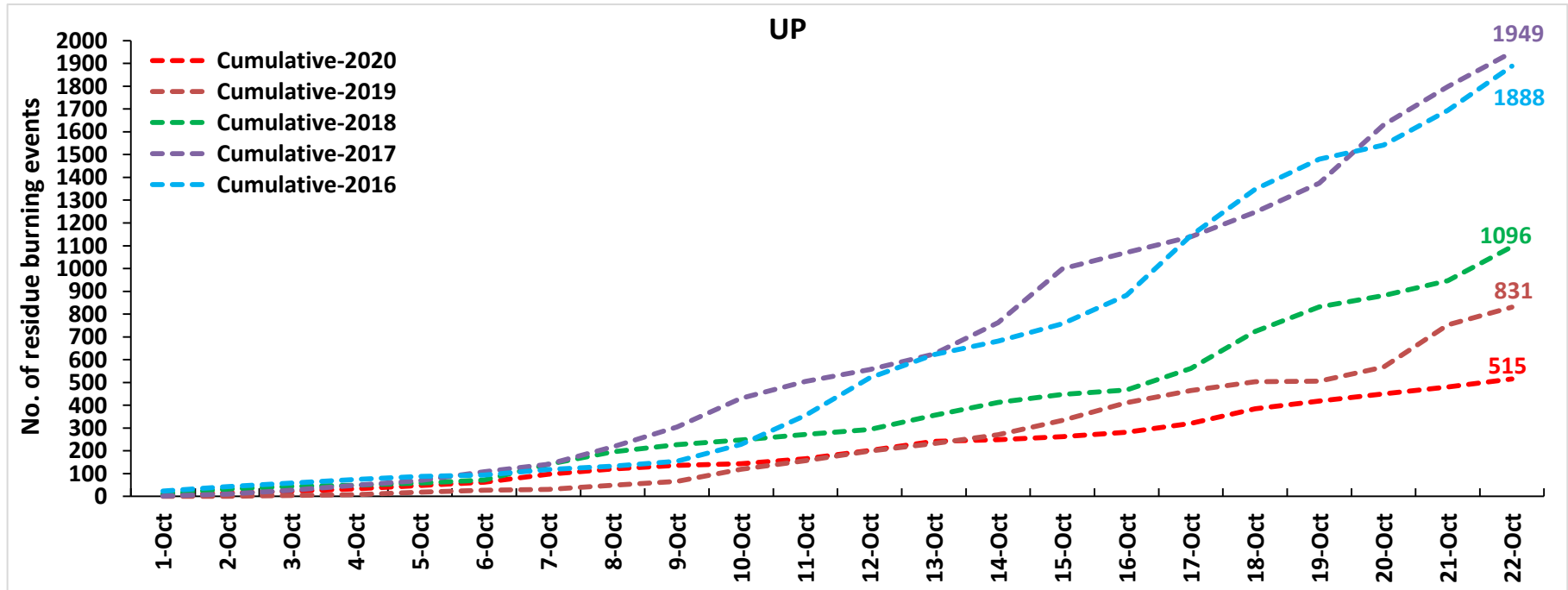
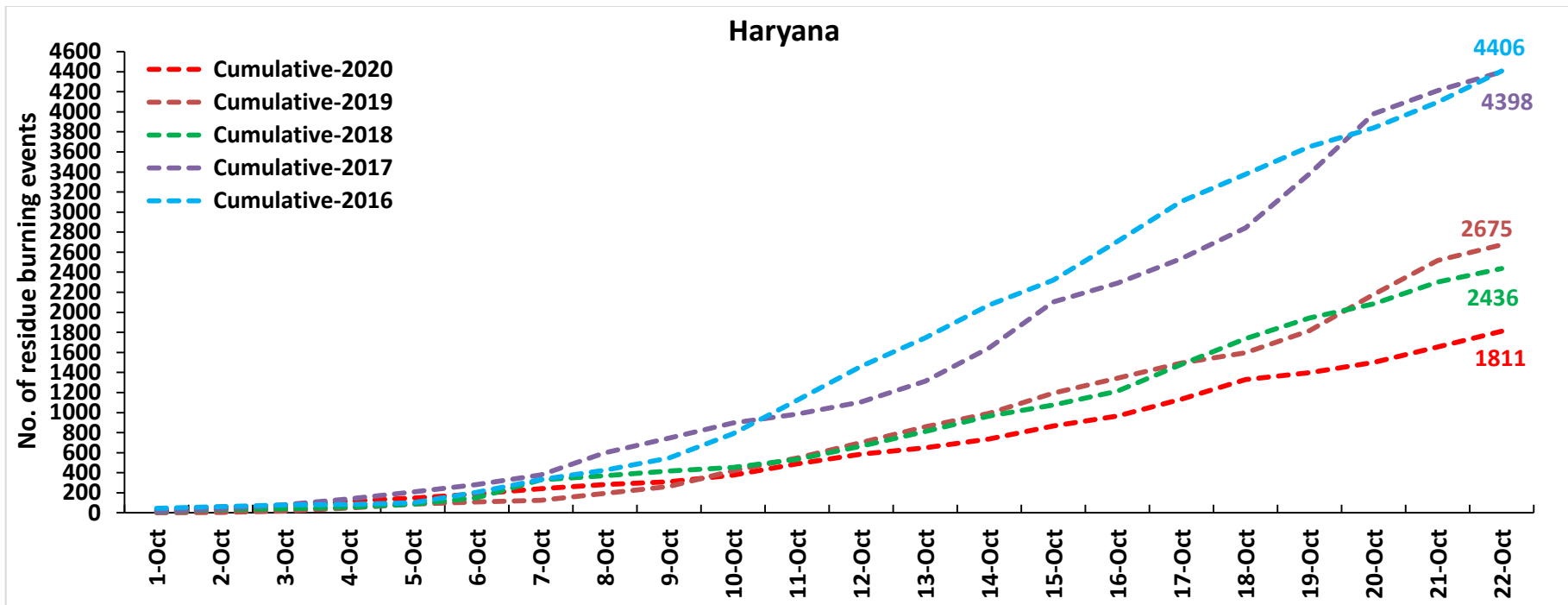


**Comparison of residue burning events in current year (2020) with previous years (2019, 2018, 2017 & 2016) for the three study States**

**(01-Oct to 22-Oct)**

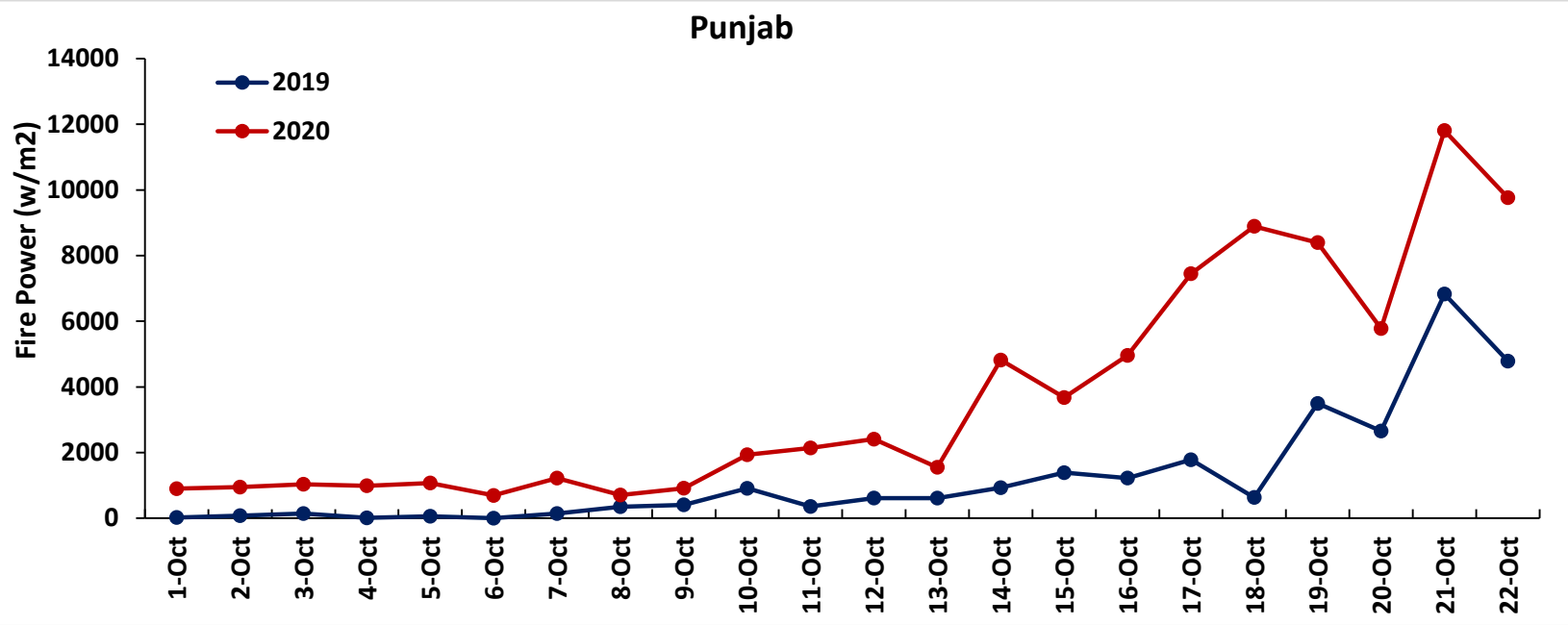
**Punjab**

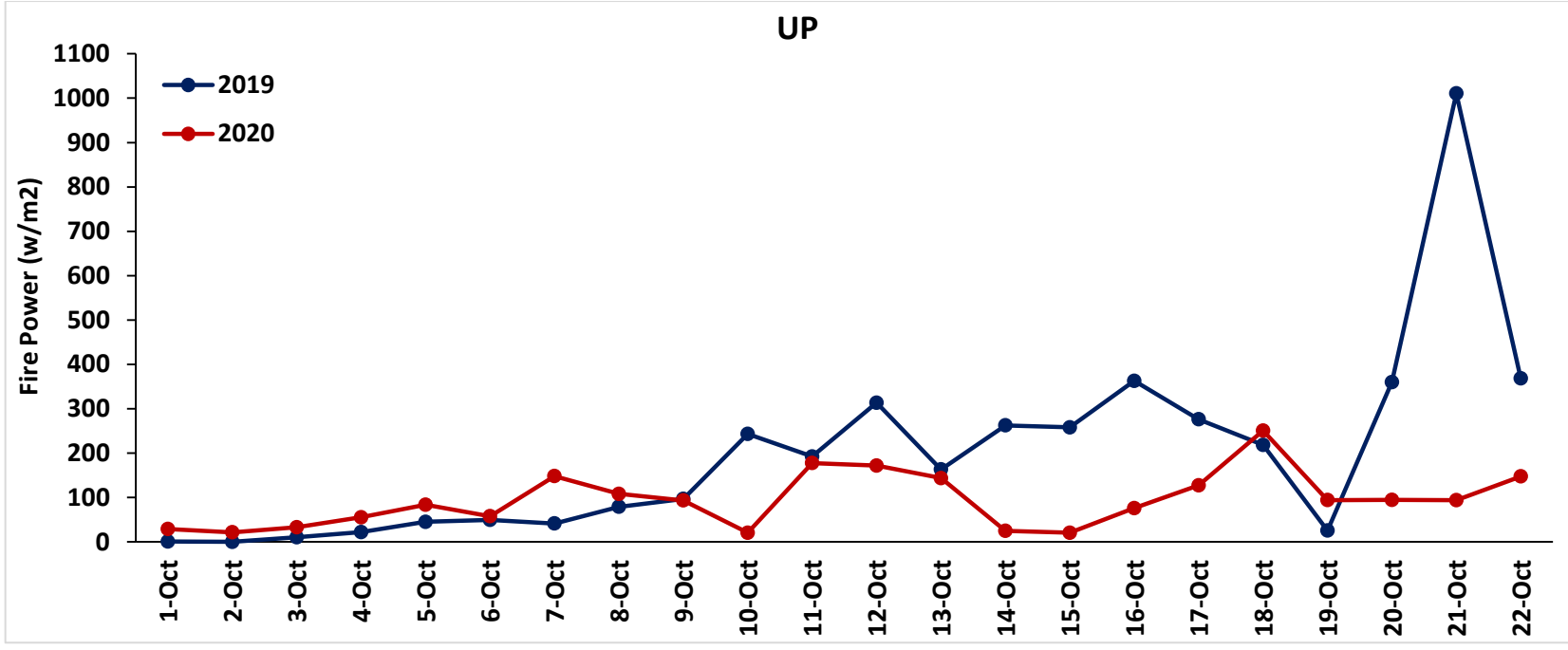
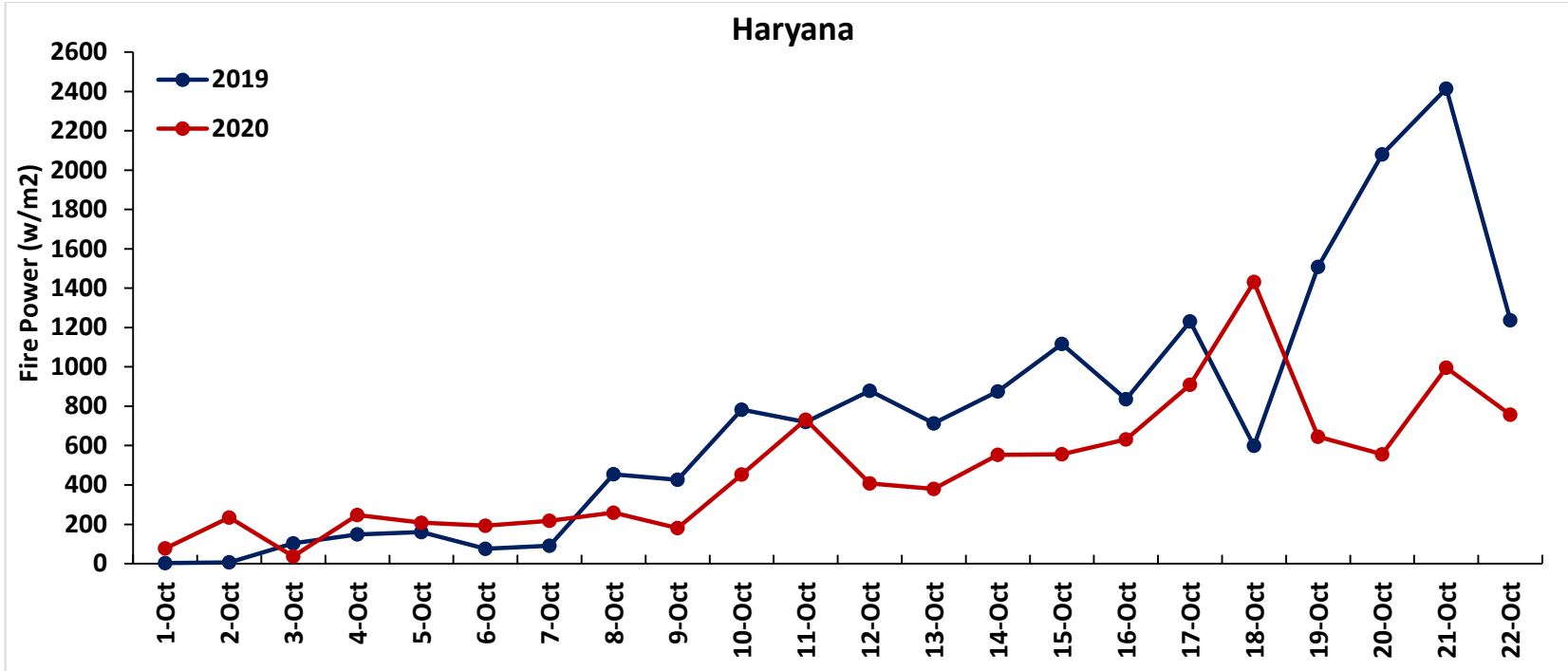




**Comparison of Fire Intensity of residue burning events in current year (2020) with previous years (2019, 2018, 2017 & 2016)**  
**For the three study States**

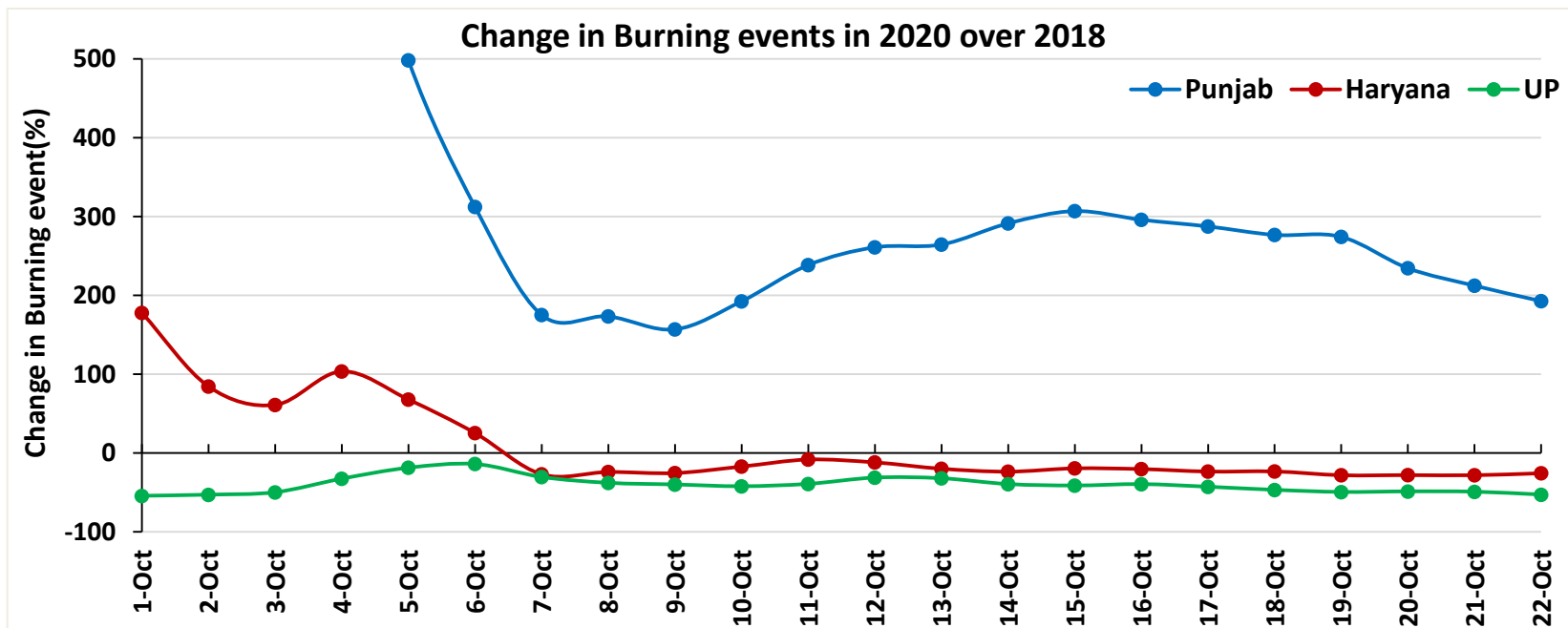
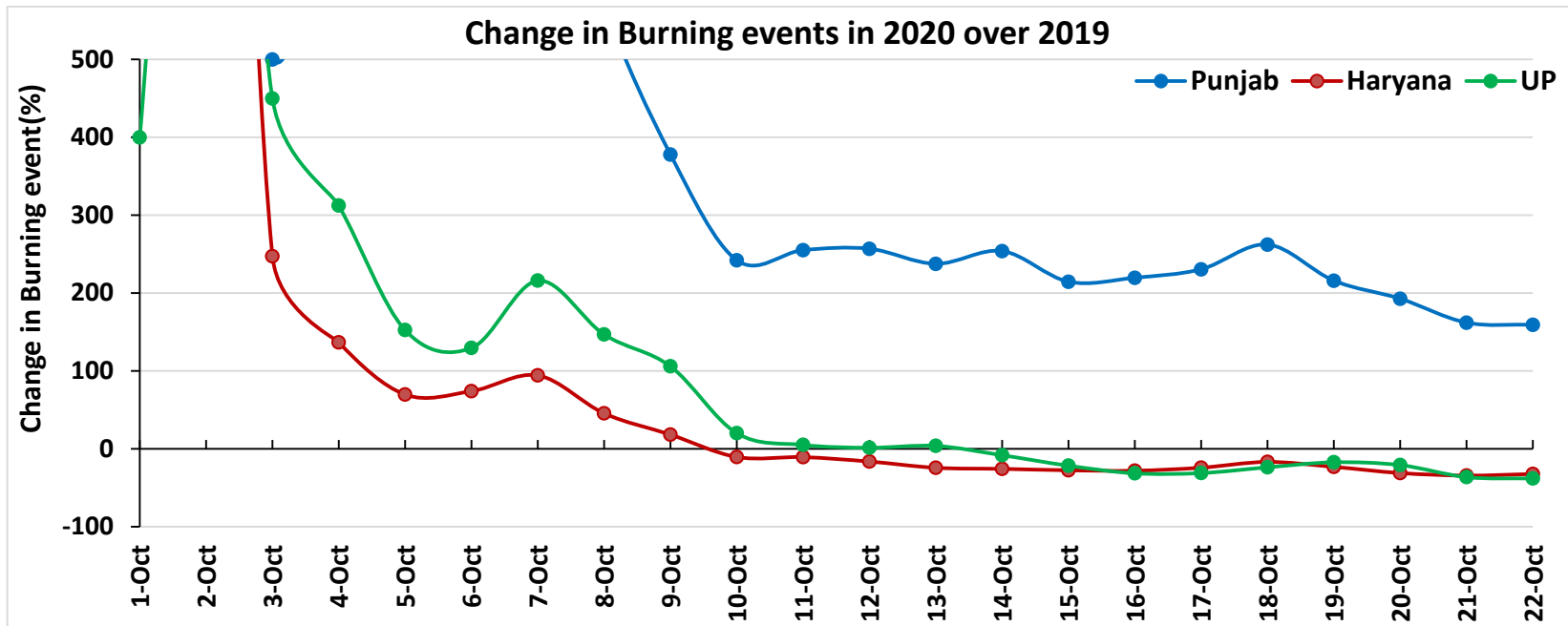
**(01-Oct to 22-Oct)**

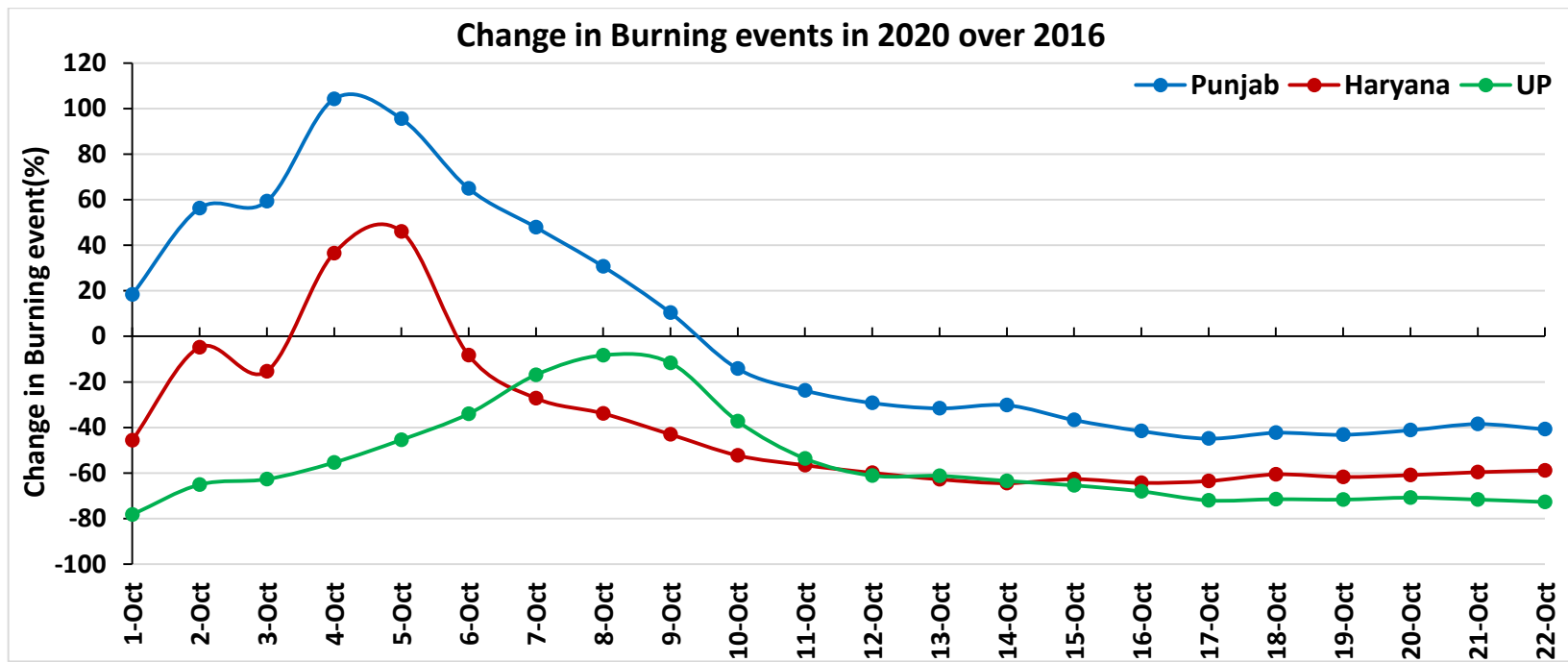
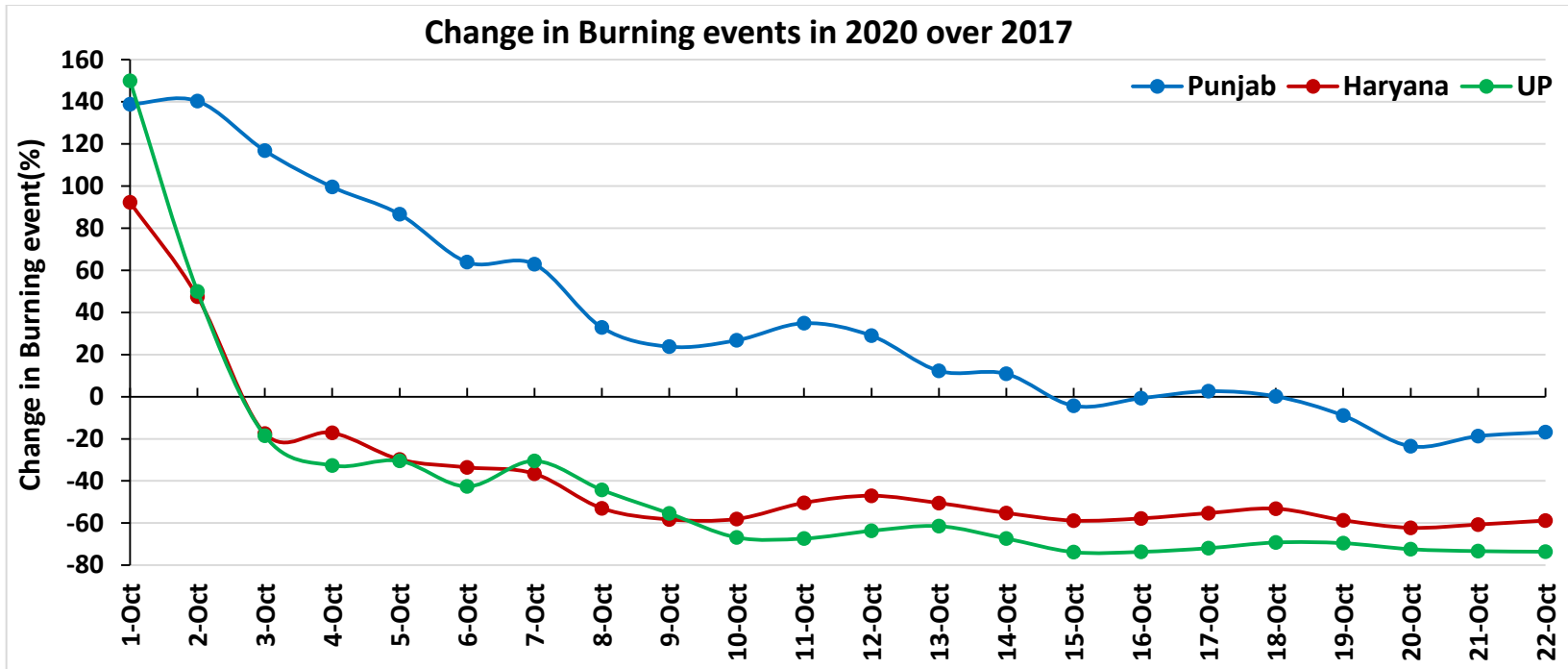






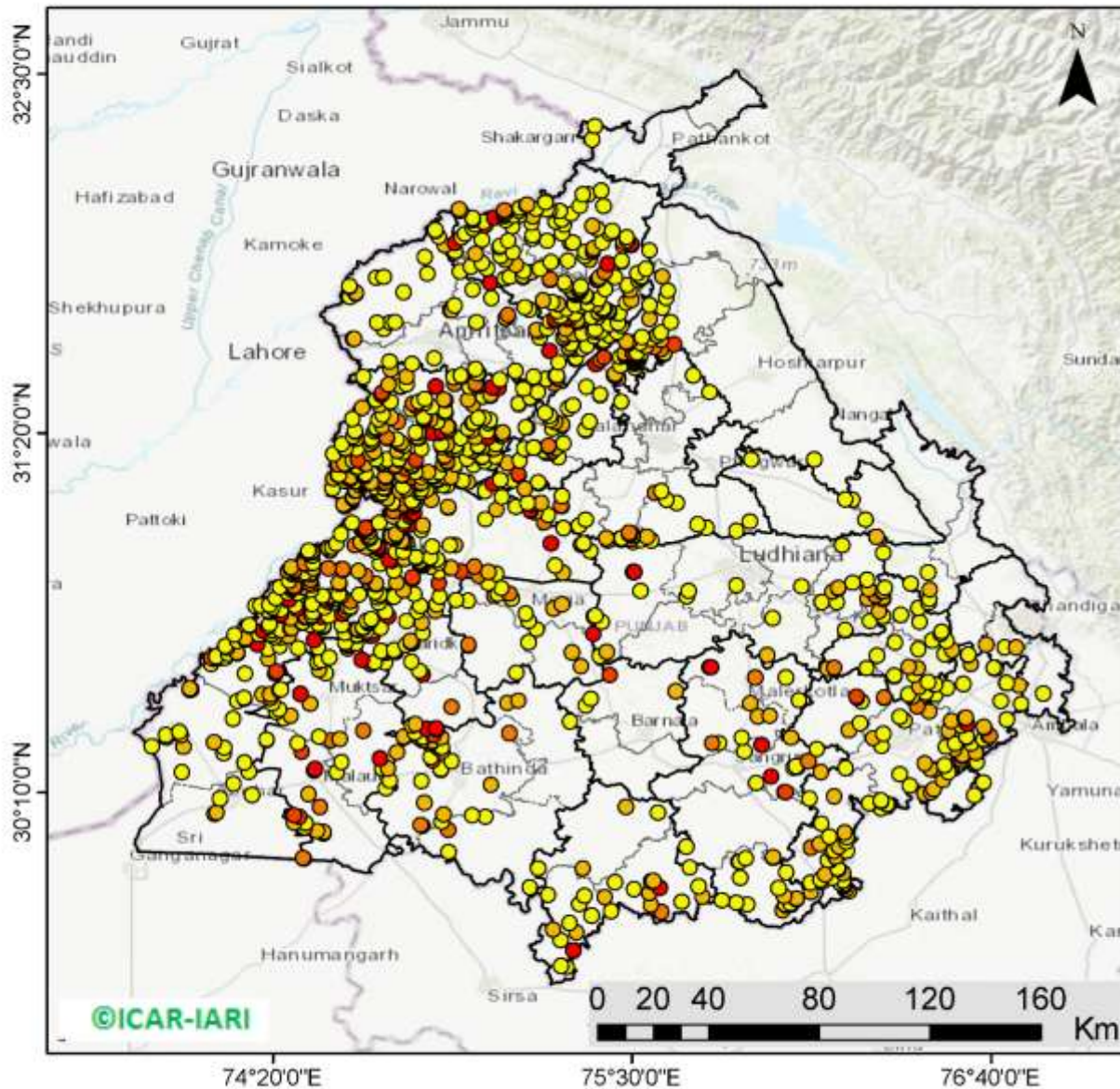
**Percent Change in Burning events in 2020 over 2019, 2018, 2017 and 2016 (Daily Cumulative)**





(a) Punjab

### RICE RESIDUE BURNING IN PUNJAB



**1343** burning events detected in Punjab on 22nd October 2020

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

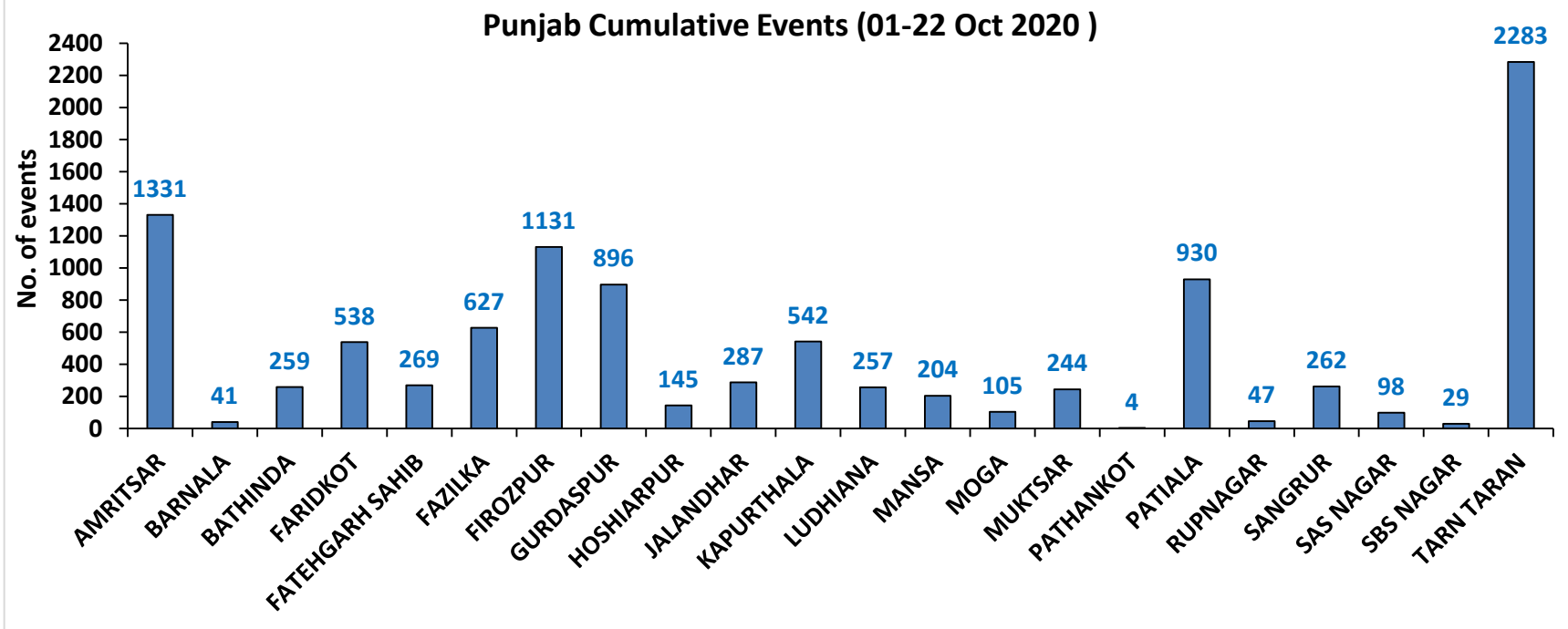
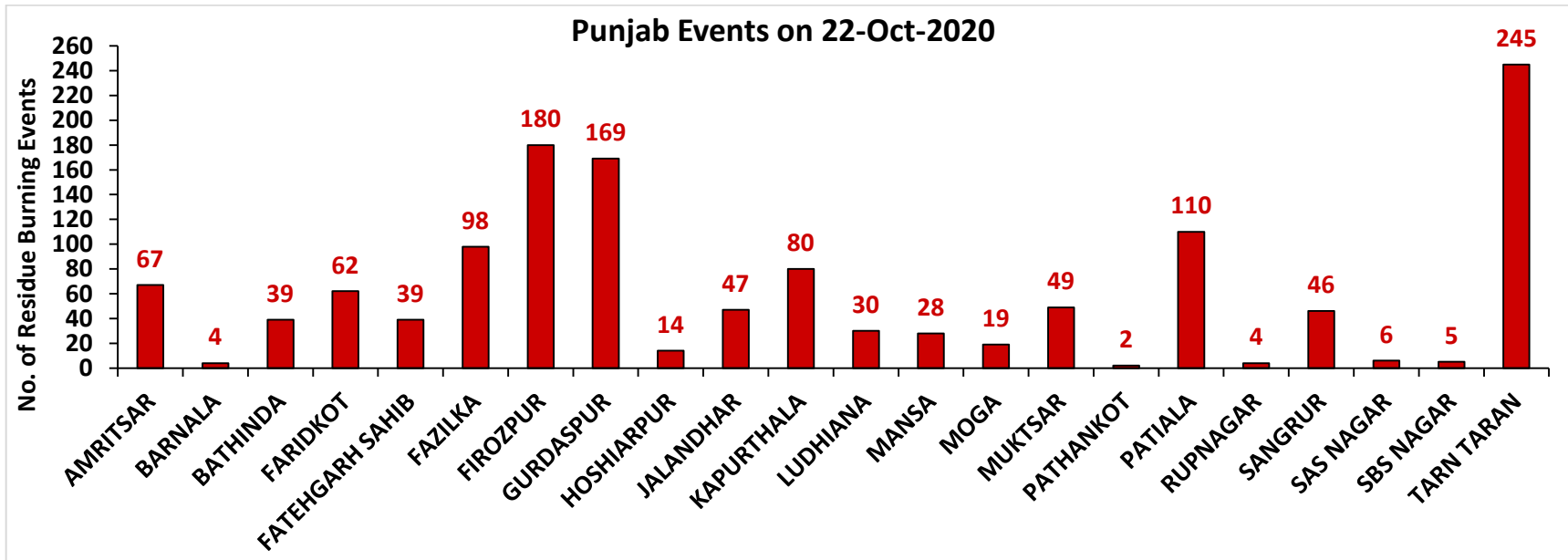
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

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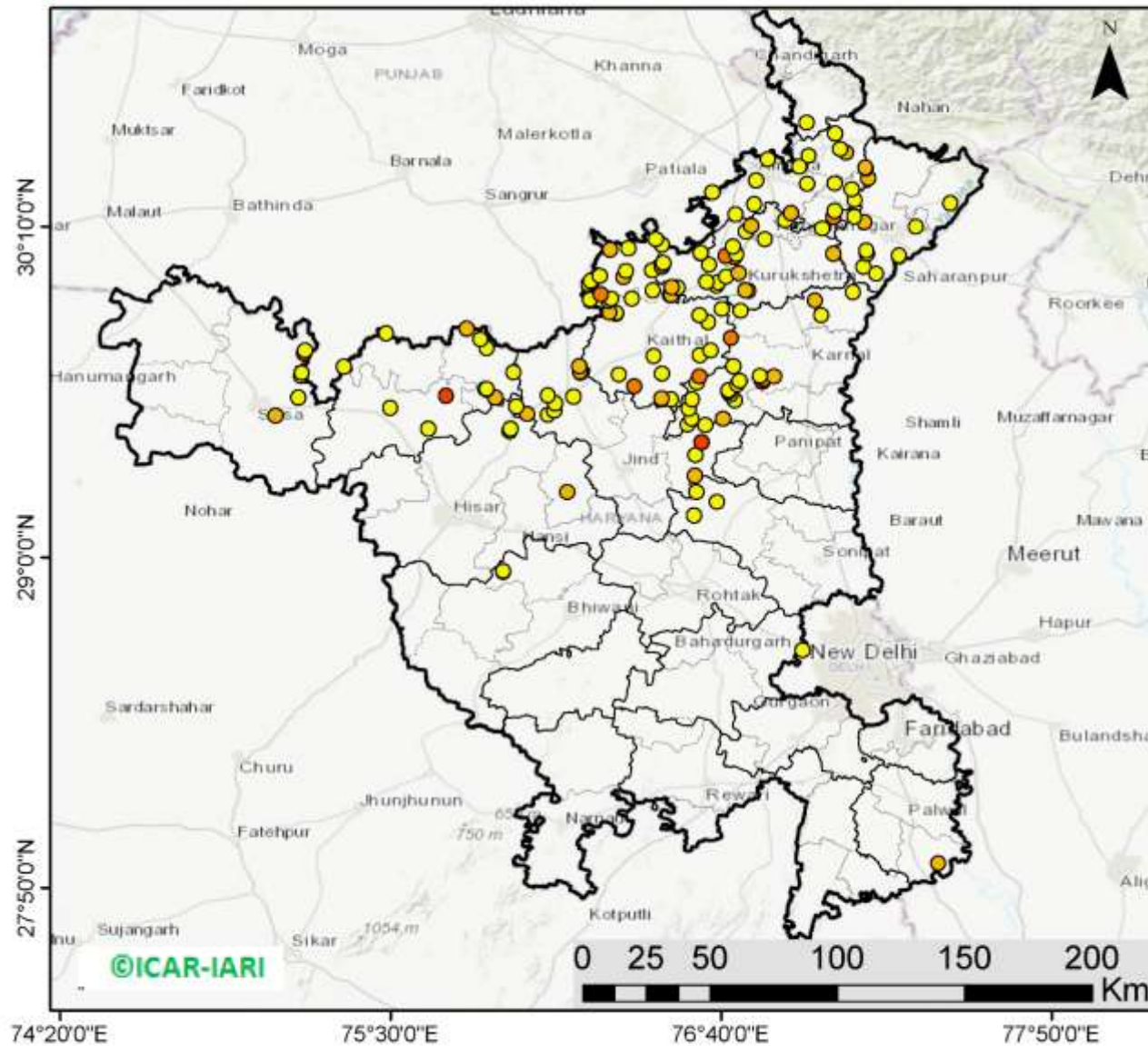
## District-wise number of residue burning events in Punjab (01-22 Oct 2020)





(b) Haryana

RICE RESIDUE BURNING IN HARYANA



**157** burning events detected in Haryana on 22nd October 2020

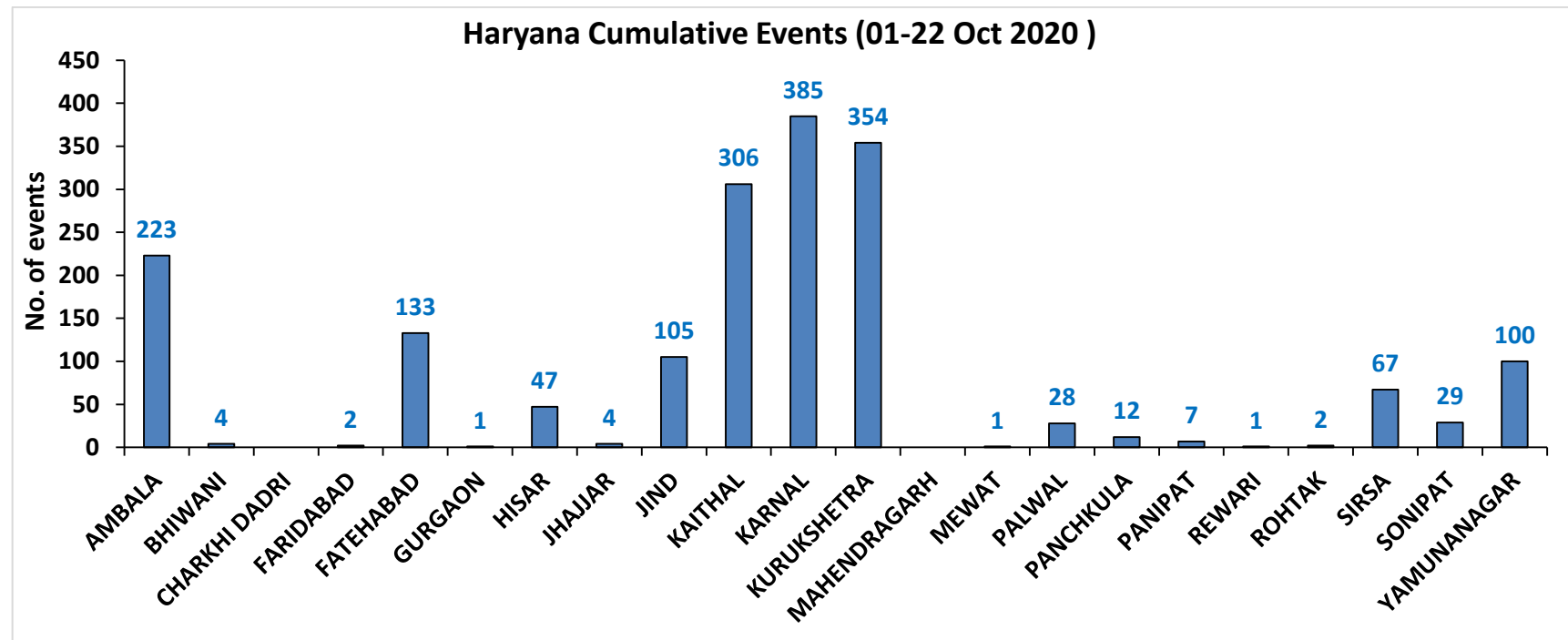
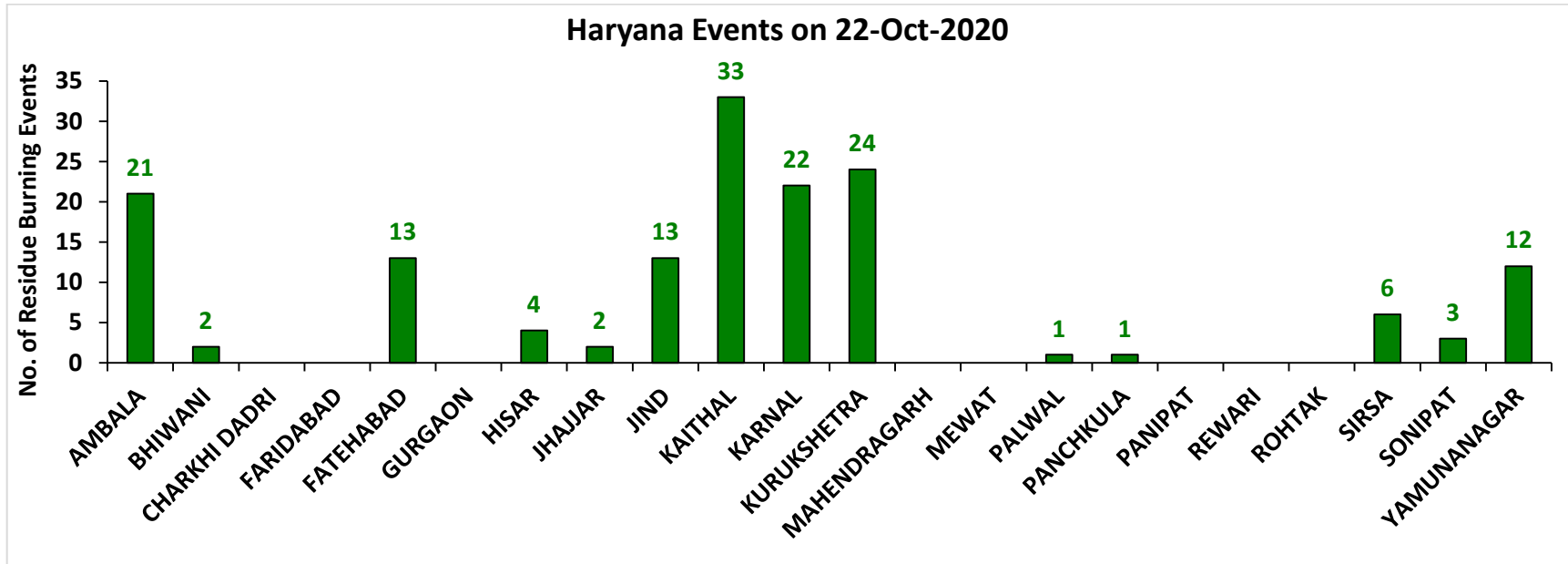
Fire Intensity (W/m<sup>2</sup>)

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



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

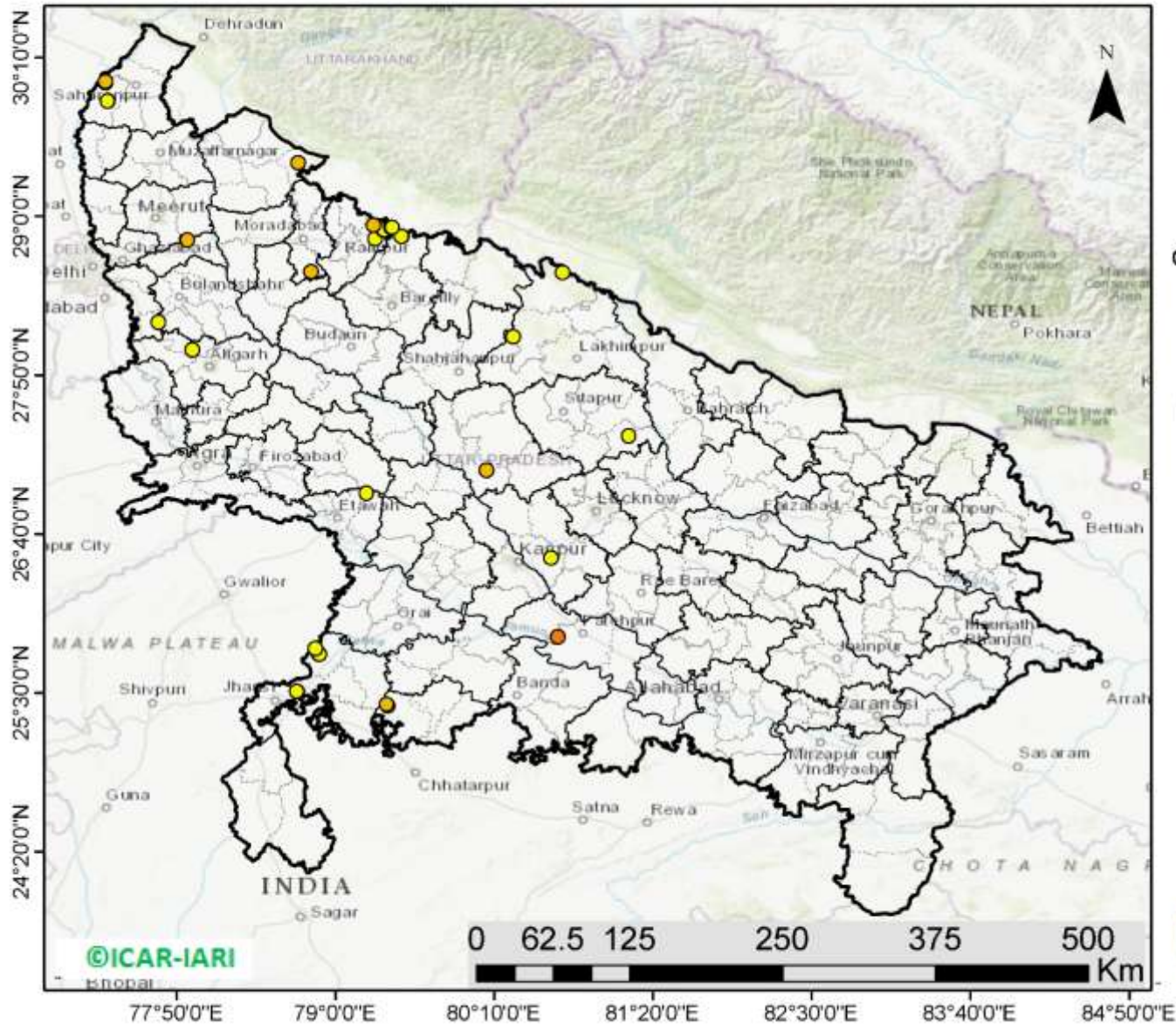
## District-wise number of residue burning events in Haryana (01-22 Oct 2020)





(c) Uttar Pradesh

RICE RESIDUE BURNING IN UTTAR PRADESH



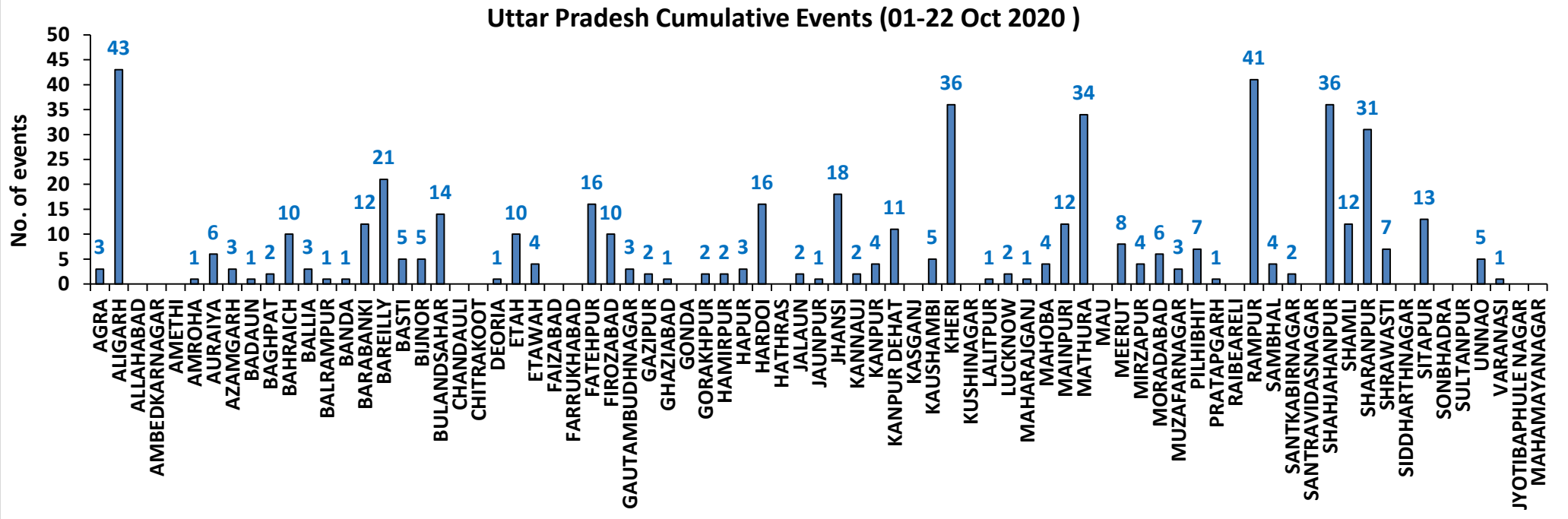
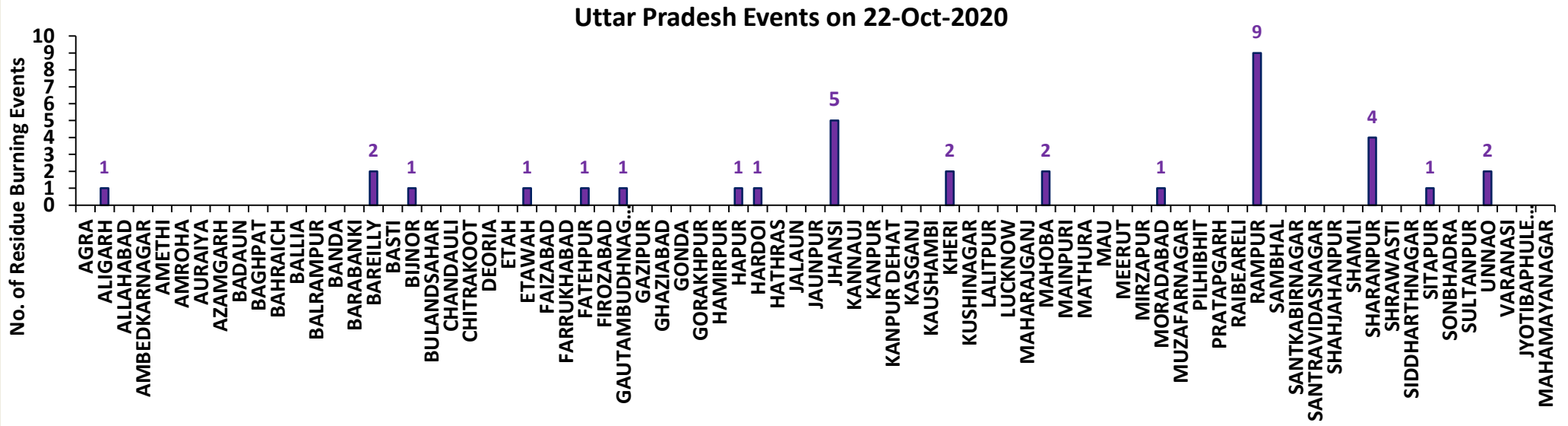
**35** burning events detected in Uttar Pradesh on 22nd October 2020

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

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

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

## District-wise number of residue burning events in Uttar Pradesh (01-22 Oct 2020)



**State-wise and date-wise number of residue burning events detected in 2016, 2017, 2018, 2019 and 2020**  
**(Period: 01-22 October)**

Date	Punjab					Haryana					UP					Total				
	2020	2019	2018	2017	2016	2020	2019	2018	2017	2016	2020	2019	2018	2017	2016	2020	2019	2018	2017	2016
01-Oct	129	3	16	54	109	25	1	9	13	46	5	1	11	2	23	159	5	36	69	178
02-Oct	121	20	9	50	51	34	2	23	27	16	10	0	21	8	20	165	22	53	85	87
03-Oct	110	37	4	62	66	07	16	9	40	16	07	3	12	17	16	124	56	25	119	98
04-Oct	177	3	32	103	37	50	30	16	60	7	11	4	5	22	15	238	37	53	185	59
05-Oct	163	16	56	106	95	30	37	30	68	15	15	11	10	20	14	208	64	96	194	124
06-Oct	141	0	87	138	152	42	22	63	75	105	14	8	13	39	6	197	30	163	252	263
07-Oct	166	27	162	105	171	53	16	180	97	126	36	4	69	33	24	255	47	411	235	321
08-Oct	100	59	39	215	166	40	69	40	218	94	23	18	54	76	14	163	146	133	509	274
09-Oct	126	93	75	163	270	30	70	47	148	121	15	17	32	88	22	171	180	154	399	413
10-Oct	238	172	23	164	597	65	157	37	151	242	07	53	21	126	74	310	382	81	441	913
11-Oct	333	78	30	177	652	112	126	78	87	336	22	38	24	74	128	467	242	132	338	1116
12-Oct	362	99	67	342	694	98	154	133	123	338	37	42	22	51	164	497	295	222	516	1196
13-Oct	247	108	62	470	467	64	159	147	207	284	39	33	61	69	102	350	300	270	746	853
14-Oct	616	141	112	582	812	87	133	153	333	328	08	39	57	137	60	711	313	322	1052	1200
15-Oct	487	262	90	943	1215	129	203	110	458	248	13	63	35	237	76	629	528	235	1638	1539
16-Oct	594	168	174	465	1478	100	148	138	186	385	20	77	20	71	125	714	393	332	722	1988
17-Oct	966	250	272	807	2173	167	152	268	244	399	38	53	94	69	261	1171	455	634	1120	2833
18-Oct	850	100	263	970	1065	197	103	255	306	270	64	39	163	108	204	1111	242	681	1384	1539
19-Oct	912	529	254	1591	1762	67	220	208	541	276	35	3	108	128	132	1014	752	570	2260	2170
20-Oct	933	490	496	2653	1175	104	360	141	597	188	31	62	49	255	62	1068	912	686	3505	1425
21-Oct	1415	852	618	1139	1726	153	339	217	233	257	30	185	66	168	152	1598	1376	901	1540	2135
22-Oct	1343	555	656	1356	2837	157	158	134	186	309	35	78	149	151	194	1535	791	939	1693	3340
<b>Total</b>	<b>10529</b>	<b>4062</b>	<b>3597</b>	<b>12655</b>	<b>17770</b>	<b>1811</b>	<b>2675</b>	<b>2436</b>	<b>4398</b>	<b>4406</b>	<b>515</b>	<b>831</b>	<b>1096</b>	<b>1949</b>	<b>1888</b>	<b>12855</b>	<b>7568</b>	<b>7129</b>	<b>19002</b>	<b>24064</b>

**District-wise and date-wise cumulative number of residue burning events detected in 2016, 2017, 2018, 2019 and 2020  
(Period: 01-22 October)**

**(a) Punjab**

Districts	01-22 Oct				
	2016	2017	2018	2019	2020
AMRITSAR	1054	856	651	571	1331
BARNALA	70	49	30	14	41
BATHINDA	1162	984	155	70	259
FARIDKOT	1271	1335	219	177	538
FATEHGARH SAHIB	1013	515	101	110	269
FAZILKA	0	0	0	124	627
FIROZPUR	2032	1765	416	369	1131
GURDASPUR	847	535	154	327	896
HOSHIARPUR	216	116	4	39	145
JALANDHAR	1171	520	74	178	287
KAPURTHALA	1079	336	22	156	542
LUDHIANA	918	726	88	64	257
MANSA	276	296	116	113	204
MOGA	283	189	28	50	105
MUKTSAR	1551	863	189	102	244
PATHANKOT	0	0	0	0	4
PATIALA	1493	1239	459	513	930
RUPNAGAR	249	57	1	10	47
SANGRUR	408	367	147	122	262
SAS NAGAR	85	76	50	63	98
SBS NAGAR	406	218	39	45	29
TARN TARAN	2186	1613	654	845	2283
<b>Total</b>	<b>17770</b>	<b>12655</b>	<b>3597</b>	<b>4062</b>	<b>10529</b>

**(b) Haryana**

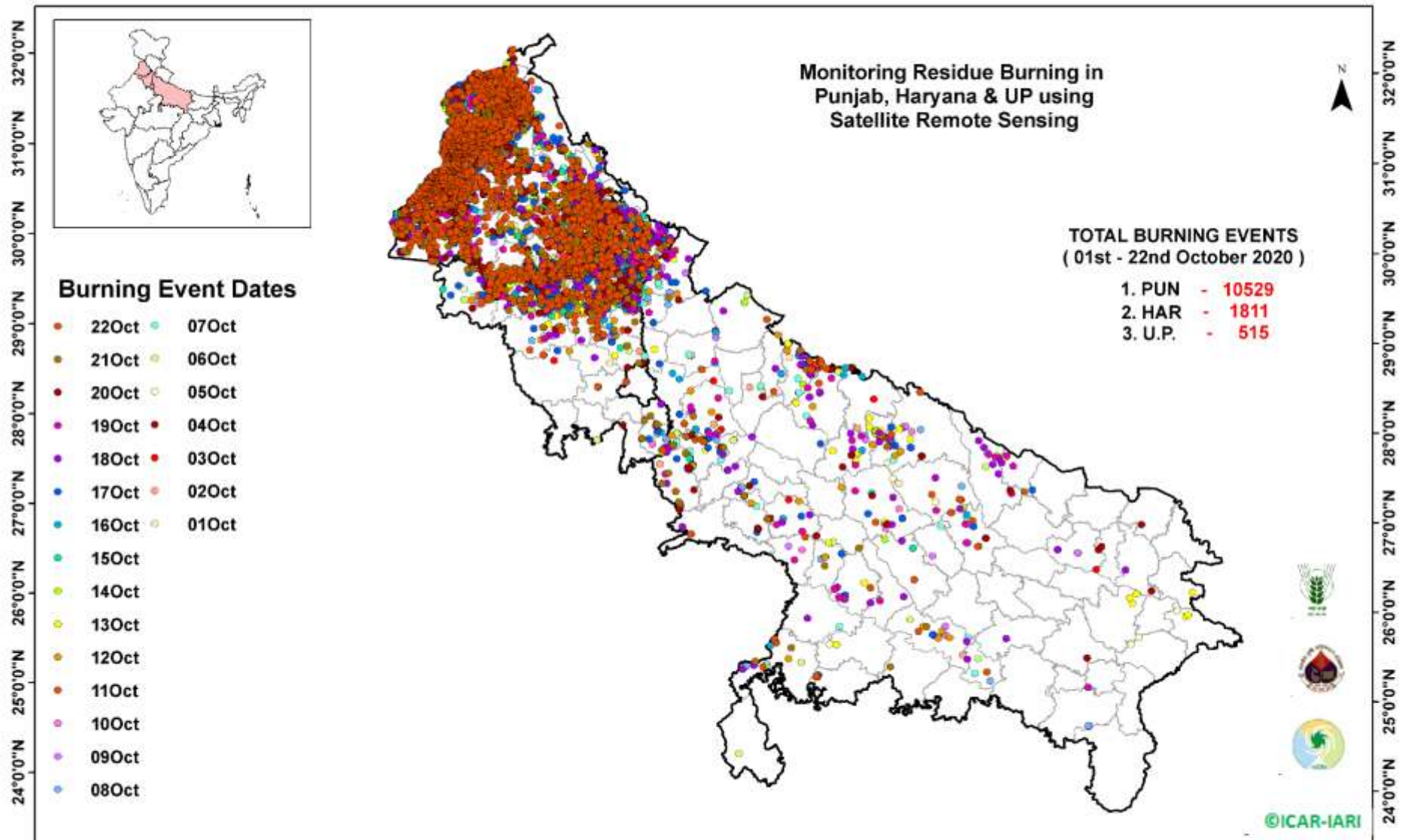
Districts	01-22 Oct				
	2016	2017	2018	2019	2020
AMBALA	317	299	83	167	223
BHIWANI	4	2	3	0	4
CHARKHI DADRI	0	0	0	0	0
FARIDABAD	48	111	83	4	2
FATEHABAD	307	410	180	207	133
GURGAON	0	0	0	0	1
HISAR	36	36	22	29	47
JHAJJAR	4	4	5	2	4
JIND	149	202	113	120	105
KAITHAL	1178	948	695	646	306
KARNAL	1192	1106	581	658	385
KURUKSHETRA	879	936	508	548	354
MAHENDRAGARH	0	0	0	1	0
MEWAT	0	0	0	0	1
PALWAL	0	0	0	108	28
PANCHKULA	0	0	3	18	12
PANIPAT	31	40	33	10	7
REWARI	0	0	0	1	1
ROHTAK	3	4	0	0	2
SIRSA	137	115	55	41	67
SONIPAT	13	20	12	4	29
YAMUNANAGAR	108	165	60	111	100
<b>Total</b>	<b>4406</b>	<b>4398</b>	<b>2436</b>	<b>2675</b>	<b>1811</b>

**(C)**  
**Uttar Pradesh**

Districts	01-22 Oct																
	2016	2017	2018	2019	2020	GAUTAMBUDHNAGAR	4	2	1	2	3	MUZAFARNAGAR	13	12	7	3	3
AGRA	0	0	0	0	3	GAZIPUR	4	5	5	0	2	PILHIBHIT	51	55	19	9	7
ALIGARH	10	21	21	28	43	GHAZIABAD	0	0	0	1	1	PRATAPGARH	362	365	164	168	1
ALLAHABAD	0	0	4	0	0	GONDA	11	6	4	6	0	RAIBEARELI	0	0	2	0	0
AMBEDKARNAGAR	0	4	0	0	0	GORAKHPUR	0	0	0	2	2	RAMPUR	1	1	0	1	41
AMETHI	0	0	0	0	0	HAMIRPUR	0	4	5	0	2	SAMBHAL	353	316	88	128	4
AMROHA	0	0	0	0	1	HAPUR	0	0	1	0	3	SANTKABIRNAGAR	24	40	17	21	2
AURAIYA	61	57	17	1	6	HARDOI	0	0	0	2	16	SANTRAVIDASNAGAR	0	0	0	2	0
AZAMGARH	0	0	0	0	3	HATHRAS	28	25	9	4	0	SHAHJAHANPUR	0	1	0	0	36
BADAUN	0	1	1	0	1	JALAUN	0	0	0	0	2	SHAMLI	468	460	132	109	12
BAGHPAT	0	0	0	2	2	JAUNPUR	0	0	0	1	1	SHARANPUR	0	0	0	15	31
BAHRAICH	0	7	7	1	10	JHANSI	1	0	3	0	18	SHRAWASTI	0	5	2	1	7
BALLIA	0	0	0	1	3	KANNAUJ	0	0	2	3	2	SIDDHARTHANAGAR	1	2	1	3	0
BALRAMPUR	0	0	2	1	1	KANPUR	1	1	2	1	4	SITAPUR	31	19	9	5	13
BANDA	1	1	1	6	1	KANPUR DEHAT	1	3	0	0	11	SONBHADRA	6	1	7	0	0
BARABANKI	58	41	64	15	12	KASGANJ	0	1	0	0	0	SULTANPUR	0	0	0	0	0
BAREILLY	94	72	39	45	21	KAUSHAMBI	0	0	0	0	5	UNNAO	4	4	4	4	5
BASTI	0	1	0	0	5	KHERI	0	5	9	1	36	VARANASI	0	0	0	0	1
BIJNOR	0	0	0	0	5	KUSHINAGAR	150	128	73	57	0	JYOTIBAPHULE NAGAR	3	0	1	0	0
BULANDSAHAR	6	4	1	1	14	LALITPUR	0	1	0	0	1	MAHAMAYANAGAR	0	1	1	0	0
CHANDAULI	3	9	7	6	0	LUCKNOW	0	0	0	1	2	<b>Total</b>	<b>1888</b>	<b>1949</b>	<b>1096</b>	<b>831</b>	<b>515</b>
CHITRAKOOT	0	0	0	0	0	MAHARAJGANJ	9	6	1	7	1						
DEORIA	0	0	0	0	1	MAHOBA	4	38	28	2	4						
ETAH	0	1	0	0	10	MAINPURI	0	0	0	0	12						
ETAWAH	0	12	12	0	4	MATHURA	0	9	7	4	34						
FAIZABAD	4	10	3	1	0	MAU	93	166	291	145	0						
FARRUKHABAD	1	1	1	1	0	MEERUT	1	0	2	0	8						
FATEHPUR	0	0	0	1	16	MIRZAPUR	19	14	4	5	4						
FIROZABAD	7	8	11	5	10	MORADABAD	0	3	4	3	6						



## Map of Cumulative Burning Events (01-22 Oct 2020)



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



**Details of residue burning events in Punjab on 22-Oct-2020**

S. No.	District	Tehsil / Block	Satellite	Longitude	Latitude	Time (IST)	Day / Night	Fire Power (W/m <sup>2</sup> )
1	AMRITSAR	AJNALA	S-NPP	74.59391	31.63941	13:36:00	D	5.40
2	AMRITSAR	AJNALA	S-NPP	74.59801	31.63999	13:36:00	D	5.40
3	AMRITSAR	AJNALA	S-NPP	74.69318	31.67074	13:36:00	D	3.10
4	AMRITSAR	AJNALA	S-NPP	74.71458	31.69092	13:36:00	D	1.80
5	AMRITSAR	AJNALA	S-NPP	74.67218	31.69168	13:36:00	D	4.50
6	AMRITSAR	AJNALA	S-NPP	74.73103	31.69327	13:36:00	D	2.90
7	AMRITSAR	AJNALA	S-NPP	74.58411	31.77667	13:36:00	D	1.80
8	AMRITSAR	AJNALA	S-NPP	74.60332	31.78628	13:36:00	D	5.60
9	AMRITSAR	AJNALA	S-NPP	74.60267	31.78960	13:36:00	D	5.60
10	AMRITSAR	AJNALA	S-NPP	74.75887	31.79142	13:36:00	D	2.50
11	AMRITSAR	AJNALA	S-NPP	74.58232	31.80719	13:36:00	D	3.60
12	AMRITSAR	AJNALA	S-NPP	74.58167	31.81051	13:36:00	D	4.90
13	AMRITSAR	AJNALA	S-NPP	74.66949	31.83686	13:36:00	D	3.30
14	AMRITSAR	AJNALA	S-NPP	74.69420	31.84041	13:36:00	D	2.50
15	AMRITSAR	AJNALA	S-NPP	74.83662	31.85051	13:36:00	D	1.70
16	AMRITSAR	AJNALA	S-NPP	74.94170	31.85856	13:36:00	D	2.70
17	AMRITSAR	AJNALA	S-NPP	74.82652	31.90590	13:36:00	D	1.60
18	AMRITSAR	AJNALA	S-NPP	74.89195	31.94262	13:36:00	D	7.50
19	AMRITSAR	AJNALA	AQUA	74.92500	31.95000	14:25:00	D	27.60
20	AMRITSAR	AJNALA	S-NPP	74.87364	31.97095	13:36:00	D	4.10
21	AMRITSAR	AJNALA	S-NPP	74.86143	31.98984	13:36:00	D	5.10
22	AMRITSAR	AJNALA	S-NPP	74.86079	31.99318	13:36:00	D	2.70
23	AMRITSAR	AMRITSAR I	S-NPP	74.94534	31.51787	13:36:00	D	4.70
24	AMRITSAR	AMRITSAR I	S-NPP	74.94949	31.51845	13:36:00	D	4.70
25	AMRITSAR	AMRITSAR I	S-NPP	74.94470	31.52121	13:36:00	D	4.70
26	AMRITSAR	AMRITSAR I	S-NPP	75.00327	31.52607	13:36:00	D	2.90
27	AMRITSAR	AMRITSAR I	S-NPP	74.99848	31.52883	13:36:00	D	2.20
28	AMRITSAR	AMRITSAR I	S-NPP	74.99178	31.54162	13:36:00	D	2.10
29	AMRITSAR	AMRITSAR I	S-NPP	75.08981	31.70469	13:36:00	D	9.30
30	AMRITSAR	AMRITSAR I	S-NPP	75.09035	31.70623	13:36:00	D	9.80

31	AMRITSAR	AMRITSAR I	S-NPP	75.09678	31.71745	13:36:00	D	10.40
32	AMRITSAR	AMRITSAR I	S-NPP	74.91014	31.73249	13:36:00	D	6.50
33	AMRITSAR	AMRITSAR I	S-NPP	74.91428	31.73308	13:36:00	D	7.00
34	AMRITSAR	AMRITSAR I	S-NPP	74.92415	31.74821	13:36:00	D	2.90
35	AMRITSAR	AMRITSAR I	S-NPP	75.04349	31.77197	13:36:00	D	4.40
36	AMRITSAR	AMRITSAR I	S-NPP	74.98289	31.79781	13:36:00	D	1.80
37	AMRITSAR	AMRITSAR I	S-NPP	74.98310	31.79905	13:36:00	D	2.00
38	AMRITSAR	AMRITSAR II	S-NPP	74.62881	31.51698	13:36:00	D	2.70
39	AMRITSAR	AMRITSAR II	S-NPP	74.71307	31.56527	13:36:00	D	2.20
40	AMRITSAR	AMRITSAR II	S-NPP	74.85897	31.57578	13:36:00	D	1.70
41	AMRITSAR	AMRITSAR II	S-NPP	74.99452	31.69284	13:36:00	D	2.40
42	AMRITSAR	BABA BAKALA	S-NPP	75.22030	31.50827	13:36:00	D	3.90
43	AMRITSAR	BABA BAKALA	S-NPP	75.25745	31.51223	13:36:00	D	2.00
44	AMRITSAR	BABA BAKALA	S-NPP	75.25250	31.51963	13:36:00	D	2.50
45	AMRITSAR	BABA BAKALA	S-NPP	75.25669	31.52021	13:36:00	D	2.50
46	AMRITSAR	BABA BAKALA	S-NPP	75.12084	31.53575	13:36:00	D	2.20
47	AMRITSAR	BABA BAKALA	S-NPP	75.26163	31.56232	13:36:00	D	2.10
48	AMRITSAR	BABA BAKALA	S-NPP	75.31559	31.57328	13:36:00	D	2.00
49	AMRITSAR	BABA BAKALA	S-NPP	75.31916	31.57723	13:36:00	D	4.00
50	AMRITSAR	BABA BAKALA	S-NPP	75.23304	31.59976	13:36:00	D	40.20
51	AMRITSAR	BABA BAKALA	S-NPP	75.31345	31.60756	13:36:00	D	5.50
52	AMRITSAR	BABA BAKALA	S-NPP	75.33934	31.60772	13:36:00	D	2.70
53	AMRITSAR	BABA BAKALA	S-NPP	75.29598	31.60858	13:36:00	D	6.20
54	AMRITSAR	BABA BAKALA	S-NPP	75.29535	31.61195	13:36:00	D	6.20
55	AMRITSAR	BABA BAKALA	S-NPP	75.35493	31.61681	13:36:00	D	1.50
56	AMRITSAR	BABA BAKALA	S-NPP	75.30185	31.62323	13:36:00	D	2.10
57	AMRITSAR	BABA BAKALA	S-NPP	75.27813	31.64133	13:36:00	D	3.40
58	AMRITSAR	BABA BAKALA	S-NPP	75.20002	31.64431	13:36:00	D	1.70
59	AMRITSAR	BABA BAKALA	S-NPP	75.27749	31.64470	13:36:00	D	6.40
60	AMRITSAR	BABA BAKALA	S-NPP	75.28464	31.65260	13:36:00	D	5.40
61	AMRITSAR	BABA BAKALA	S-NPP	75.19619	31.66448	13:36:00	D	4.70
62	AMRITSAR	BABA BAKALA	S-NPP	75.20038	31.66506	13:36:00	D	4.00
63	AMRITSAR	BABA BAKALA	S-NPP	75.19136	31.66726	13:36:00	D	8.30

64	AMRITSAR	BABA BAKALA	S-NPP	75.28566	31.67003	13:36:00	D	9.00
65	AMRITSAR	BABA BAKALA	S-NPP	75.22491	31.67194	13:36:00	D	4.60
66	AMRITSAR	BABA BAKALA	S-NPP	75.16664	31.73407	13:36:00	D	3.50
67	AMRITSAR	BABA BAKALA	S-NPP	75.15215	31.74241	13:36:00	D	2.40
68	BARNALA	BARNALA	S-NPP	75.34964	30.44654	13:36:00	D	2.20
69	BARNALA	BARNALA	S-NPP	75.36644	30.46952	13:36:00	D	2.50
70	BARNALA	BARNALA	S-NPP	75.64215	30.49406	13:36:00	D	8.00
71	BARNALA	BARNALA	S-NPP	75.42807	30.54705	13:36:00	D	19.00
72	BATHINDA	BATHINDA	S-NPP	74.81907	30.05651	13:36:00	D	2.30
73	BATHINDA	BATHINDA	S-NPP	74.81443	30.05925	13:36:00	D	10.20
74	BATHINDA	BATHINDA	S-NPP	75.02397	30.08618	13:36:00	D	4.90
75	BATHINDA	BATHINDA	S-NPP	74.98180	30.09034	13:36:00	D	2.70
76	BATHINDA	BATHINDA	TERRA	74.88800	30.09300	11:10:00	D	5.40
77	BATHINDA	BATHINDA	S-NPP	74.82508	30.13239	13:36:00	D	7.70
78	BATHINDA	BATHINDA	S-NPP	75.04184	30.19018	13:36:00	D	7.00
79	BATHINDA	BATHINDA	S-NPP	74.81614	30.20193	13:36:00	D	2.80
80	BATHINDA	BATHINDA	S-NPP	74.87935	30.23843	13:36:00	D	4.20
81	BATHINDA	BATHINDA	S-NPP	74.87872	30.24174	13:36:00	D	4.20
82	BATHINDA	BATHINDA	S-NPP	74.91516	30.26754	13:36:00	D	3.10
83	BATHINDA	BATHINDA	S-NPP	74.85259	30.27084	13:36:00	D	15.40
84	BATHINDA	BATHINDA	S-NPP	74.84666	30.28022	13:36:00	D	1.10
85	BATHINDA	BATHINDA	S-NPP	74.88436	30.29933	13:36:00	D	6.50
86	BATHINDA	BATHINDA	S-NPP	74.86973	30.31086	13:36:00	D	7.40
87	BATHINDA	BATHINDA	S-NPP	74.87376	30.31145	13:36:00	D	7.40
88	BATHINDA	BATHINDA	S-NPP	74.88181	30.31261	13:36:00	D	2.60
89	BATHINDA	BATHINDA	S-NPP	74.84238	30.32395	13:36:00	D	2.70
90	BATHINDA	BATHINDA	S-NPP	74.84979	30.32844	13:36:00	D	8.80
91	BATHINDA	BATHINDA	S-NPP	74.84915	30.33176	13:36:00	D	8.80
92	BATHINDA	BATHINDA	S-NPP	74.81970	30.33430	13:36:00	D	1.40
93	BATHINDA	BATHINDA	AQUA	74.81000	30.34100	14:20:00	D	30.80
94	BATHINDA	BATHINDA	S-NPP	74.76022	30.34266	13:36:00	D	7.00
95	BATHINDA	BATHINDA	S-NPP	74.88011	30.34309	13:36:00	D	8.90
96	BATHINDA	BATHINDA	S-NPP	74.82182	30.34484	13:36:00	D	2.30

97	BATHINDA	BATHINDA	S-NPP	74.75958	30.34598	13:36:00	D	7.00
98	BATHINDA	BATHINDA	S-NPP	74.85338	30.35286	13:36:00	D	16.20
99	BATHINDA	BATHINDA	S-NPP	74.85741	30.35344	13:36:00	D	16.20
100	BATHINDA	BATHINDA	S-NPP	75.10170	30.35798	13:36:00	D	12.00
101	BATHINDA	BATHINDA	S-NPP	74.86631	30.37181	13:36:00	D	3.50
102	BATHINDA	BATHINDA	AQUA	74.83300	30.37300	14:20:00	D	34.80
103	BATHINDA	BATHINDA	AQUA	74.86500	30.37500	14:20:00	D	32.20
104	BATHINDA	RAMPURA PHUL	S-NPP	75.29955	30.39648	13:36:00	D	2.60
105	BATHINDA	RAMPURA PHUL	S-NPP	75.09628	30.45527	13:36:00	D	6.30
106	BATHINDA	RAMPURA PHUL	S-NPP	75.13226	30.46384	13:36:00	D	9.10
107	BATHINDA	TALWANDI SABO	S-NPP	75.16929	29.85814	13:36:00	D	4.40
108	BATHINDA	TALWANDI SABO	S-NPP	74.90469	29.97123	13:36:00	D	2.30
109	BATHINDA	TALWANDI SABO	S-NPP	74.90338	30.04267	13:36:00	D	11.10
110	BATHINDA	TALWANDI SABO	S-NPP	74.88258	30.06916	13:36:00	D	3.20
111	FARIDKOT	FARIDKOT	S-NPP	74.82066	30.54741	13:36:00	D	22.30
112	FARIDKOT	FARIDKOT	S-NPP	74.81002	30.55952	13:36:00	D	3.40
113	FARIDKOT	FARIDKOT	S-NPP	74.69807	30.58680	13:36:00	D	3.80
114	FARIDKOT	FARIDKOT	S-NPP	74.66455	30.58874	13:36:00	D	4.30
115	FARIDKOT	FARIDKOT	S-NPP	74.78471	30.58914	13:36:00	D	3.70
116	FARIDKOT	FARIDKOT	AQUA	74.70000	30.61900	14:20:00	D	35.90
117	FARIDKOT	FARIDKOT	AQUA	74.73200	30.62200	14:20:00	D	24.50
118	FARIDKOT	FARIDKOT	S-NPP	74.69099	30.62328	13:36:00	D	2.70
119	FARIDKOT	FARIDKOT	S-NPP	74.72792	30.62525	13:36:00	D	16.70
120	FARIDKOT	FARIDKOT	S-NPP	74.68631	30.62601	13:36:00	D	2.70
121	FARIDKOT	FARIDKOT	S-NPP	74.72728	30.62857	13:36:00	D	4.70
122	FARIDKOT	FARIDKOT	S-NPP	74.76572	30.64440	13:36:00	D	4.70
123	FARIDKOT	FARIDKOT	S-NPP	74.78529	30.65066	13:36:00	D	2.60
124	FARIDKOT	FARIDKOT	S-NPP	74.60269	30.65125	13:36:00	D	3.50
125	FARIDKOT	FARIDKOT	S-NPP	74.78060	30.65339	13:36:00	D	2.60
126	FARIDKOT	FARIDKOT	S-NPP	74.78465	30.65398	13:36:00	D	2.60
127	FARIDKOT	FARIDKOT	TERRA	74.78100	30.65800	11:10:00	D	8.00
128	FARIDKOT	FARIDKOT	S-NPP	74.64818	30.67386	13:36:00	D	4.20
129	FARIDKOT	FARIDKOT	S-NPP	74.60660	30.67461	13:36:00	D	17.40

130	FARIDKOT	FARIDKOT	AQUA	74.65700	30.67500	14:20:00	D	24.40
131	FARIDKOT	FARIDKOT	S-NPP	74.60595	30.67793	13:36:00	D	3.40
132	FARIDKOT	FARIDKOT	S-NPP	74.56779	30.68257	13:36:00	D	4.80
133	FARIDKOT	FARIDKOT	S-NPP	74.82059	30.68311	13:36:00	D	4.80
134	FARIDKOT	FARIDKOT	S-NPP	74.65366	30.68829	13:36:00	D	3.20
135	FARIDKOT	FARIDKOT	S-NPP	74.63688	30.68926	13:36:00	D	4.80
136	FARIDKOT	FARIDKOT	S-NPP	74.61141	30.69236	13:36:00	D	9.50
137	FARIDKOT	FARIDKOT	S-NPP	74.60271	30.69449	13:36:00	D	9.80
138	FARIDKOT	FARIDKOT	S-NPP	74.61076	30.69567	13:36:00	D	9.50
139	FARIDKOT	FARIDKOT	S-NPP	74.62689	30.69802	13:36:00	D	1.80
140	FARIDKOT	FARIDKOT	S-NPP	74.68464	30.69962	13:36:00	D	5.00
141	FARIDKOT	FARIDKOT	S-NPP	74.48555	30.70114	13:36:00	D	3.80
142	FARIDKOT	FARIDKOT	S-NPP	74.62624	30.70134	13:36:00	D	3.60
143	FARIDKOT	FARIDKOT	S-NPP	74.49760	30.70292	13:36:00	D	4.40
144	FARIDKOT	FARIDKOT	S-NPP	74.49696	30.70622	13:36:00	D	4.40
145	FARIDKOT	FARIDKOT	S-NPP	74.55857	30.70847	13:36:00	D	3.60
146	FARIDKOT	FARIDKOT	S-NPP	74.48360	30.71107	13:36:00	D	3.20
147	FARIDKOT	FARIDKOT	S-NPP	74.64445	30.71423	13:36:00	D	4.00
148	FARIDKOT	FARIDKOT	S-NPP	74.81870	30.71563	13:36:00	D	9.00
149	FARIDKOT	FARIDKOT	S-NPP	74.64381	30.71754	13:36:00	D	4.30
150	FARIDKOT	FARIDKOT	S-NPP	74.76755	30.72189	13:36:00	D	4.80
151	FARIDKOT	FARIDKOT	S-NPP	74.63848	30.72358	13:36:00	D	3.10
152	FARIDKOT	FARIDKOT	S-NPP	74.65462	30.72594	13:36:00	D	3.00
153	FARIDKOT	FARIDKOT	S-NPP	74.65397	30.72926	13:36:00	D	3.00
154	FARIDKOT	FARIDKOT	S-NPP	74.49110	30.73601	13:36:00	D	22.70
155	FARIDKOT	FARIDKOT	S-NPP	74.71048	30.73749	13:36:00	D	46.50
156	FARIDKOT	FARIDKOT	S-NPP	74.51524	30.73957	13:36:00	D	3.60
157	FARIDKOT	FARIDKOT	S-NPP	74.55949	30.74609	13:36:00	D	23.40
158	FARIDKOT	FARIDKOT	S-NPP	74.69917	30.75291	13:36:00	D	1.70
159	FARIDKOT	FARIDKOT	S-NPP	74.80289	30.75433	13:36:00	D	2.80
160	FARIDKOT	FARIDKOT	TERRA	74.57000	30.75800	11:10:00	D	6.90
161	FARIDKOT	FARIDKOT	S-NPP	74.58443	30.76680	13:36:00	D	3.00
162	FARIDKOT	FARIDKOT	S-NPP	74.57636	30.76838	13:36:00	D	3.90

163	FARIDKOT	FARIDKOT	S-NPP	74.58442	30.76955	13:36:00	D	1.70
164	FARIDKOT	FARIDKOT	S-NPP	74.67724	30.78305	13:36:00	D	5.00
165	FARIDKOT	FARIDKOT	S-NPP	74.58521	30.78671	13:36:00	D	11.50
166	FARIDKOT	FARIDKOT	S-NPP	74.67400	30.79964	13:36:00	D	4.80
167	FARIDKOT	FARIDKOT	S-NPP	74.72382	30.80004	13:36:00	D	7.40
168	FARIDKOT	FARIDKOT	S-NPP	74.72787	30.80062	13:36:00	D	3.00
169	FARIDKOT	FARIDKOT	S-NPP	74.68079	30.80745	13:36:00	D	2.80
170	FARIDKOT	FARIDKOT	S-NPP	74.61423	30.80799	13:36:00	D	1.80
171	FARIDKOT	FARIDKOT	S-NPP	74.66674	30.81564	13:36:00	D	4.90
172	FARIDKOT	JAITO	S-NPP	74.91536	30.44294	13:36:00	D	13.80
173	FATEHGARH SAHIB	ALMOH	S-NPP	76.13595	30.56801	13:36:00	D	6.60
174	FATEHGARH SAHIB	ALMOH	S-NPP	76.26305	30.56832	13:36:00	D	3.80
175	FATEHGARH SAHIB	ALMOH	S-NPP	76.15747	30.57088	13:36:00	D	13.00
176	FATEHGARH SAHIB	ALMOH	S-NPP	76.29659	30.61050	13:36:00	D	2.20
177	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.52164	30.65796	13:36:00	D	2.90
178	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.47626	30.65906	13:36:00	D	3.80
179	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.50413	30.68048	13:36:00	D	6.70
180	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.50733	30.68800	13:36:00	D	2.10
181	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.43506	30.71870	13:36:00	D	3.70
182	FATEHGARH SAHIB	BASSI PATHANAN	AQUA	76.46900	30.74100	14:20:00	D	67.90
183	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.41199	30.47730	13:36:00	D	4.60
184	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.39769	30.48243	13:36:00	D	3.40
185	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.48701	30.48384	13:36:00	D	3.90
186	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.39815	30.48418	13:36:00	D	3.80
187	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.45449	30.49009	13:36:00	D	2.50
188	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.43385	30.51006	13:36:00	D	7.70
189	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.48212	30.51641	13:36:00	D	5.60
190	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.48651	30.51699	13:36:00	D	4.80
191	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.46272	30.52447	13:36:00	D	2.60
192	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.35229	30.54160	13:36:00	D	2.60
193	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.35168	30.54504	13:36:00	D	3.70
194	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.41840	30.54689	13:36:00	D	3.70
195	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.42789	30.56937	13:36:00	D	5.70



196	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.40041	30.57276	13:36:00	D	6.10
197	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.51566	30.61460	13:36:00	D	4.10
198	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.43150	30.63190	13:36:00	D	3.50
199	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.35589	30.65366	13:36:00	D	4.80
200	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.31487	30.73816	13:36:00	D	3.20
201	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.37241	30.74228	13:36:00	D	3.00
202	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.30309	30.75423	13:36:00	D	5.30
203	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.43154	30.76427	13:36:00	D	3.90
204	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.31590	30.79338	13:36:00	D	9.80
205	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.31822	30.79508	13:36:00	D	18.40
206	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.31529	30.79683	13:36:00	D	9.80
207	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.29157	30.80429	13:36:00	D	10.50
208	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.31161	30.81752	13:36:00	D	5.20
209	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.31600	30.81810	13:36:00	D	5.20
210	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.32294	30.82960	13:36:00	D	2.90
211	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.40588	30.84409	13:36:00	D	3.40
212	FAZILKA	ABOHAR	S-NPP	74.43321	29.94938	13:36:00	D	13.60
213	FAZILKA	ABOHAR	S-NPP	74.43256	29.95268	13:36:00	D	13.60
214	FAZILKA	ABOHAR	S-NPP	74.14360	30.09527	13:36:00	D	7.30
215	FAZILKA	ABOHAR	S-NPP	74.15089	30.09977	13:36:00	D	9.50
216	FAZILKA	ABOHAR	S-NPP	74.16221	30.14567	13:36:00	D	3.20
217	FAZILKA	ABOHAR	S-NPP	74.26620	30.15794	13:36:00	D	2.40
218	FAZILKA	ABOHAR	S-NPP	74.20616	30.19243	13:36:00	D	1.70
219	FAZILKA	ABOHAR	S-NPP	74.25529	30.23380	13:36:00	D	2.10
220	FAZILKA	FAZILKA	S-NPP	74.03861	30.23170	13:36:00	D	3.00
221	FAZILKA	FAZILKA	S-NPP	74.24144	30.26233	13:36:00	D	1.10
222	FAZILKA	FAZILKA	S-NPP	74.17423	30.29278	13:36:00	D	2.00
223	FAZILKA	FAZILKA	S-NPP	74.17493	30.30988	13:36:00	D	2.90
224	FAZILKA	FAZILKA	S-NPP	74.04297	30.31375	13:36:00	D	6.60
225	FAZILKA	FAZILKA	S-NPP	73.94019	30.31513	13:36:00	D	3.80
226	FAZILKA	FAZILKA	S-NPP	74.14245	30.32878	13:36:00	D	5.10
227	FAZILKA	FAZILKA	S-NPP	74.31372	30.33409	13:36:00	D	26.00
228	FAZILKA	FAZILKA	S-NPP	74.31306	30.33739	13:36:00	D	4.40

229	FAZILKA	FAZILKA	S-NPP	73.98792	30.34279	13:36:00	D	1.60
230	FAZILKA	FAZILKA	S-NPP	74.03568	30.35004	13:36:00	D	1.40
231	FAZILKA	FAZILKA	S-NPP	73.98593	30.35269	13:36:00	D	2.30
232	FAZILKA	FAZILKA	S-NPP	74.02924	30.36200	13:36:00	D	2.90
233	FAZILKA	FAZILKA	S-NPP	74.20518	30.40552	13:36:00	D	1.80
234	FAZILKA	FAZILKA	S-NPP	74.06420	30.49963	13:36:00	D	4.90
235	FAZILKA	FAZILKA	S-NPP	74.06819	30.50023	13:36:00	D	4.10
236	FAZILKA	FAZILKA	S-NPP	74.06354	30.50293	13:36:00	D	5.70
237	FAZILKA	JALALABAD	S-NPP	74.33096	30.45493	13:36:00	D	3.70
238	FAZILKA	JALALABAD	S-NPP	74.21860	30.46194	13:36:00	D	2.50
239	FAZILKA	JALALABAD	S-NPP	74.24188	30.46882	13:36:00	D	3.30
240	FAZILKA	JALALABAD	S-NPP	74.32370	30.47085	13:36:00	D	11.50
241	FAZILKA	JALALABAD	S-NPP	74.24123	30.47213	13:36:00	D	3.30
242	FAZILKA	JALALABAD	S-NPP	74.30046	30.48439	13:36:00	D	6.20
243	FAZILKA	JALALABAD	S-NPP	74.32508	30.48467	13:36:00	D	6.50
244	FAZILKA	JALALABAD	S-NPP	74.35509	30.49935	13:36:00	D	4.00
245	FAZILKA	JALALABAD	S-NPP	74.35909	30.49994	13:36:00	D	4.00
246	FAZILKA	JALALABAD	S-NPP	74.24315	30.55032	13:36:00	D	1.50
247	FAZILKA	JALALABAD	S-NPP	74.34174	30.55141	13:36:00	D	18.70
248	FAZILKA	JALALABAD	S-NPP	74.34442	30.55861	13:36:00	D	17.80
249	FAZILKA	JALALABAD	S-NPP	74.13410	30.58156	13:36:00	D	2.50
250	FAZILKA	JALALABAD	S-NPP	74.14306	30.59919	13:36:00	D	2.00
251	FAZILKA	JALALABAD	S-NPP	74.31992	30.59919	13:36:00	D	7.70
252	FAZILKA	JALALABAD	S-NPP	74.13441	30.60129	13:36:00	D	17.30
253	FAZILKA	JALALABAD	S-NPP	74.16703	30.60278	13:36:00	D	3.50
254	FAZILKA	JALALABAD	S-NPP	74.17902	30.60458	13:36:00	D	1.40
255	FAZILKA	JALALABAD	S-NPP	74.14973	30.60699	13:36:00	D	3.40
256	FAZILKA	JALALABAD	S-NPP	74.18903	30.61628	13:36:00	D	2.40
257	FAZILKA	JALALABAD	S-NPP	74.21767	30.61716	13:36:00	D	1.50
258	FAZILKA	JALALABAD	S-NPP	74.21700	30.62046	13:36:00	D	7.10
259	FAZILKA	JALALABAD	S-NPP	74.31768	30.63206	13:36:00	D	1.60
260	FAZILKA	JALALABAD	S-NPP	74.41603	30.63390	13:36:00	D	2.70
261	FAZILKA	JALALABAD	S-NPP	74.18507	30.63609	13:36:00	D	2.00

262	FAZILKA	JALALABAD	S-NPP	74.48150	30.63679	13:36:00	D	2.60
263	FAZILKA	JALALABAD	S-NPP	74.35708	30.64131	13:36:00	D	4.00
264	FAZILKA	JALALABAD	S-NPP	74.17976	30.64209	13:36:00	D	2.70
265	FAZILKA	JALALABAD	AQUA	74.28400	30.64700	14:20:00	D	23.00
266	FAZILKA	JALALABAD	S-NPP	74.21777	30.65798	13:36:00	D	4.30
267	FAZILKA	JALALABAD	AQUA	74.46800	30.66100	14:20:00	D	36.50
268	FAZILKA	JALALABAD	S-NPP	74.24577	30.66217	13:36:00	D	4.30
269	FAZILKA	JALALABAD	S-NPP	74.24511	30.66547	13:36:00	D	9.00
270	FAZILKA	JALALABAD	S-NPP	74.35986	30.66894	13:36:00	D	8.70
271	FAZILKA	JALALABAD	S-NPP	74.33917	30.66927	13:36:00	D	2.70
272	FAZILKA	JALALABAD	S-NPP	74.38392	30.67251	13:36:00	D	5.30
273	FAZILKA	JALALABAD	S-NPP	74.20982	30.67720	13:36:00	D	4.70
274	FAZILKA	JALALABAD	S-NPP	74.32919	30.67800	13:36:00	D	9.30
275	FAZILKA	JALALABAD	S-NPP	74.28783	30.67865	13:36:00	D	3.90
276	FAZILKA	JALALABAD	S-NPP	74.30188	30.69095	13:36:00	D	43.40
277	FAZILKA	JALALABAD	S-NPP	74.33459	30.69241	13:36:00	D	1.60
278	FAZILKA	JALALABAD	S-NPP	74.35929	30.69268	13:36:00	D	2.70
279	FAZILKA	JALALABAD	S-NPP	74.39129	30.69742	13:36:00	D	8.70
280	FAZILKA	JALALABAD	S-NPP	74.39529	30.69802	13:36:00	D	8.70
281	FAZILKA	JALALABAD	S-NPP	74.31995	30.70384	13:36:00	D	3.90
282	FAZILKA	JALALABAD	S-NPP	74.25789	30.70480	13:36:00	D	4.20
283	FAZILKA	JALALABAD	S-NPP	74.25723	30.70810	13:36:00	D	3.00
284	FAZILKA	JALALABAD	S-NPP	74.45483	30.71022	13:36:00	D	2.90
285	FAZILKA	JALALABAD	S-NPP	74.32264	30.71105	13:36:00	D	4.10
286	FAZILKA	JALALABAD	S-NPP	74.42879	30.71659	13:36:00	D	4.30
287	FAZILKA	JALALABAD	S-NPP	74.43281	30.71718	13:36:00	D	4.30
288	FAZILKA	JALALABAD	S-NPP	74.39277	30.73167	13:36:00	D	6.00
289	FAZILKA	JALALABAD	S-NPP	74.45428	30.73398	13:36:00	D	0.80
290	FAZILKA	JALALABAD	S-NPP	74.43758	30.73491	13:36:00	D	7.40
291	FAZILKA	JALALABAD	S-NPP	74.44159	30.73551	13:36:00	D	10.60
292	FAZILKA	JALALABAD	S-NPP	74.44094	30.73882	13:36:00	D	10.60
293	FAZILKA	JALALABAD	S-NPP	74.46102	30.74178	13:36:00	D	4.30
294	FAZILKA	JALALABAD	AQUA	74.35900	30.74400	14:20:00	D	38.80

295	FAZILKA	JALALABAD	S-NPP	74.32333	30.75157	13:36:00	D	2.50
296	FAZILKA	JALALABAD	S-NPP	74.46365	30.75187	13:36:00	D	4.00
297	FAZILKA	JALALABAD	S-NPP	74.32267	30.75488	13:36:00	D	2.50
298	FAZILKA	JALALABAD	S-NPP	74.31800	30.75759	13:36:00	D	4.10
299	FAZILKA	JALALABAD	S-NPP	74.34674	30.75845	13:36:00	D	15.90
300	FAZILKA	JALALABAD	S-NPP	74.35878	30.76023	13:36:00	D	2.20
301	FAZILKA	JALALABAD	S-NPP	74.41218	30.76132	13:36:00	D	23.00
302	FAZILKA	JALALABAD	S-NPP	74.33274	30.76658	13:36:00	D	4.10
303	FAZILKA	JALALABAD	S-NPP	74.27797	30.77206	13:36:00	D	3.40
304	FAZILKA	JALALABAD	S-NPP	74.40556	30.77395	13:36:00	D	4.80
305	FAZILKA	JALALABAD	S-NPP	74.29401	30.77444	13:36:00	D	3.80
306	FAZILKA	JALALABAD	S-NPP	74.32275	30.77531	13:36:00	D	1.60
307	FAZILKA	JALALABAD	AQUA	74.38100	30.79000	14:20:00	D	29.20
308	FAZILKA	JALALABAD	AQUA	74.38600	30.79100	14:20:00	D	24.20
309	FAZILKA	JALALABAD	S-NPP	74.34355	30.79541	13:36:00	D	1.80
310	FIROZPUR	FIROZPUR	S-NPP	74.86095	30.75589	13:36:00	D	6.50
311	FIROZPUR	FIROZPUR	S-NPP	74.50191	30.76771	13:36:00	D	3.50
312	FIROZPUR	FIROZPUR	S-NPP	74.81184	30.77271	13:36:00	D	2.80
313	FIROZPUR	FIROZPUR	S-NPP	74.86522	30.77702	13:36:00	D	3.90
314	FIROZPUR	FIROZPUR	S-NPP	74.45845	30.77835	13:36:00	D	2.90
315	FIROZPUR	FIROZPUR	S-NPP	74.46246	30.77894	13:36:00	D	2.90
316	FIROZPUR	FIROZPUR	AQUA	74.51200	30.78500	14:20:00	D	21.60
317	FIROZPUR	FIROZPUR	S-NPP	74.92961	30.78974	13:36:00	D	2.00
318	FIROZPUR	FIROZPUR	S-NPP	74.52619	30.79171	13:36:00	D	8.30
319	FIROZPUR	FIROZPUR	S-NPP	74.53425	30.79289	13:36:00	D	4.30
320	FIROZPUR	FIROZPUR	S-NPP	74.51685	30.79715	13:36:00	D	1.90
321	FIROZPUR	FIROZPUR	TERRA	74.87600	30.80100	11:10:00	D	4.70
322	FIROZPUR	FIROZPUR	TERRA	74.52900	30.80200	11:10:00	D	13.10
323	FIROZPUR	FIROZPUR	S-NPP	74.55713	30.80305	13:36:00	D	4.30
324	FIROZPUR	FIROZPUR	TERRA	74.51800	30.80400	11:10:00	D	6.50
325	FIROZPUR	FIROZPUR	S-NPP	74.49476	30.80412	13:36:00	D	1.90
326	FIROZPUR	FIROZPUR	S-NPP	74.54778	30.80850	13:36:00	D	3.50
327	FIROZPUR	FIROZPUR	S-NPP	74.79269	30.80999	13:36:00	D	2.10

328	FIROZPUR	FIROZPUR	S-NPP	74.41444	30.81271	13:36:00	D	4.90
329	FIROZPUR	FIROZPUR	S-NPP	74.38099	30.81457	13:36:00	D	3.60
330	FIROZPUR	FIROZPUR	S-NPP	74.75704	30.82191	13:36:00	D	9.80
331	FIROZPUR	FIROZPUR	S-NPP	74.45801	30.82255	13:36:00	D	2.30
332	FIROZPUR	FIROZPUR	S-NPP	74.39574	30.82357	13:36:00	D	10.90
333	FIROZPUR	FIROZPUR	S-NPP	74.39846	30.83077	13:36:00	D	14.00
334	FIROZPUR	FIROZPUR	S-NPP	74.35699	30.83143	13:36:00	D	4.30
335	FIROZPUR	FIROZPUR	S-NPP	74.43127	30.83223	13:36:00	D	2.30
336	FIROZPUR	FIROZPUR	S-NPP	74.41052	30.83256	13:36:00	D	3.70
337	FIROZPUR	FIROZPUR	S-NPP	74.40182	30.83468	13:36:00	D	14.00
338	FIROZPUR	FIROZPUR	AQUA	74.40700	30.83600	14:20:00	D	50.90
339	FIROZPUR	FIROZPUR	S-NPP	74.45877	30.83969	13:36:00	D	4.30
340	FIROZPUR	FIROZPUR	S-NPP	74.67030	30.84004	13:36:00	D	1.60
341	FIROZPUR	FIROZPUR	S-NPP	74.66561	30.84277	13:36:00	D	4.40
342	FIROZPUR	FIROZPUR	S-NPP	74.54934	30.84281	13:36:00	D	2.50
343	FIROZPUR	FIROZPUR	S-NPP	74.66965	30.84336	13:36:00	D	9.90
344	FIROZPUR	FIROZPUR	S-NPP	74.44943	30.84512	13:36:00	D	4.50
345	FIROZPUR	FIROZPUR	S-NPP	74.87348	30.84554	13:36:00	D	18.80
346	FIROZPUR	FIROZPUR	S-NPP	74.45345	30.84571	13:36:00	D	12.80
347	FIROZPUR	FIROZPUR	S-NPP	74.54869	30.84612	13:36:00	D	9.20
348	FIROZPUR	FIROZPUR	S-NPP	74.73569	30.84613	13:36:00	D	5.50
349	FIROZPUR	FIROZPUR	S-NPP	74.38620	30.85188	13:36:00	D	2.70
350	FIROZPUR	FIROZPUR	S-NPP	74.45551	30.85624	13:36:00	D	14.60
351	FIROZPUR	FIROZPUR	S-NPP	74.78710	30.86042	13:36:00	D	16.30
352	FIROZPUR	FIROZPUR	S-NPP	74.78646	30.86374	13:36:00	D	16.30
353	FIROZPUR	FIROZPUR	S-NPP	74.63619	30.86576	13:36:00	D	13.90
354	FIROZPUR	FIROZPUR	S-NPP	74.63554	30.86908	13:36:00	D	13.90
355	FIROZPUR	FIROZPUR	S-NPP	74.39835	30.87410	13:36:00	D	4.60
356	FIROZPUR	FIROZPUR	S-NPP	74.42716	30.87494	13:36:00	D	1.70
357	FIROZPUR	FIROZPUR	S-NPP	74.45600	30.87577	13:36:00	D	10.90
358	FIROZPUR	FIROZPUR	S-NPP	74.46001	30.87636	13:36:00	D	10.90
359	FIROZPUR	FIROZPUR	S-NPP	74.40575	30.87859	13:36:00	D	7.10
360	FIROZPUR	FIROZPUR	S-NPP	74.45535	30.87908	13:36:00	D	3.20

361	FIROZPUR	FIROZPUR	S-NPP	74.43858	30.88002	13:36:00	D	1.50
362	FIROZPUR	FIROZPUR	S-NPP	74.87457	30.88331	13:36:00	D	3.30
363	FIROZPUR	FIROZPUR	S-NPP	74.40041	30.88461	13:36:00	D	4.00
364	FIROZPUR	FIROZPUR	S-NPP	74.61186	30.88492	13:36:00	D	8.20
365	FIROZPUR	FIROZPUR	S-NPP	74.38367	30.88555	13:36:00	D	3.50
366	FIROZPUR	FIROZPUR	S-NPP	74.72796	30.88598	13:36:00	D	2.50
367	FIROZPUR	FIROZPUR	S-NPP	74.56145	30.88780	13:36:00	D	10.50
368	FIROZPUR	FIROZPUR	AQUA	74.49700	30.88800	14:20:00	D	52.30
369	FIROZPUR	FIROZPUR	S-NPP	74.40379	30.88852	13:36:00	D	11.40
370	FIROZPUR	FIROZPUR	S-NPP	74.55677	30.89053	13:36:00	D	21.20
371	FIROZPUR	FIROZPUR	S-NPP	74.56081	30.89112	13:36:00	D	10.50
372	FIROZPUR	FIROZPUR	S-NPP	74.39041	30.89335	13:36:00	D	4.80
373	FIROZPUR	FIROZPUR	S-NPP	74.46481	30.89409	13:36:00	D	8.50
374	FIROZPUR	FIROZPUR	S-NPP	74.51448	30.89456	13:36:00	D	14.00
375	FIROZPUR	FIROZPUR	S-NPP	74.39377	30.89725	13:36:00	D	8.70
376	FIROZPUR	FIROZPUR	S-NPP	74.84632	30.89975	13:36:00	D	3.50
377	FIROZPUR	FIROZPUR	S-NPP	74.82065	30.90287	13:36:00	D	17.60
378	FIROZPUR	FIROZPUR	S-NPP	74.82406	30.90678	13:36:00	D	3.80
379	FIROZPUR	FIROZPUR	S-NPP	74.43739	30.90709	13:36:00	D	7.50
380	FIROZPUR	FIROZPUR	S-NPP	74.81123	30.90834	13:36:00	D	1.40
381	FIROZPUR	FIROZPUR	S-NPP	74.68209	30.90876	13:36:00	D	2.40
382	FIROZPUR	FIROZPUR	TERRA	74.81900	30.91000	11:10:00	D	5.50
383	FIROZPUR	FIROZPUR	S-NPP	74.81108	30.91029	13:36:00	D	10.10
384	FIROZPUR	FIROZPUR	S-NPP	74.43674	30.91040	13:36:00	D	11.50
385	FIROZPUR	FIROZPUR	S-NPP	74.46558	30.91124	13:36:00	D	3.90
386	FIROZPUR	FIROZPUR	S-NPP	74.80981	30.91694	13:36:00	D	2.50
387	FIROZPUR	FIROZPUR	S-NPP	74.72197	30.91794	13:36:00	D	1.30
388	FIROZPUR	FIROZPUR	AQUA	74.71200	30.91900	14:25:00	D	22.40
389	FIROZPUR	FIROZPUR	S-NPP	74.76254	30.92381	13:36:00	D	10.00
390	FIROZPUR	FIROZPUR	S-NPP	74.79974	30.92575	13:36:00	D	2.10
391	FIROZPUR	FIROZPUR	S-NPP	74.79910	30.92907	13:36:00	D	3.20
392	FIROZPUR	FIROZPUR	S-NPP	74.46102	30.93441	13:36:00	D	2.60
393	FIROZPUR	FIROZPUR	S-NPP	74.44698	30.94256	13:36:00	D	1.80

394	FIROZPUR	FIROZPUR	S-NPP	74.45906	30.94434	13:36:00	D	8.30
395	FIROZPUR	FIROZPUR	S-NPP	74.44632	30.94587	13:36:00	D	3.40
396	FIROZPUR	FIROZPUR	AQUA	74.45200	30.94600	14:25:00	D	58.00
397	FIROZPUR	FIROZPUR	S-NPP	74.45035	30.94646	13:36:00	D	3.00
398	FIROZPUR	FIROZPUR	S-NPP	74.73302	30.94686	13:36:00	D	3.00
399	FIROZPUR	FIROZPUR	S-NPP	74.75803	30.94706	13:36:00	D	2.50
400	FIROZPUR	FIROZPUR	S-NPP	74.45840	30.94765	13:36:00	D	5.30
401	FIROZPUR	FIROZPUR	S-NPP	74.67027	30.94799	13:36:00	D	3.30
402	FIROZPUR	FIROZPUR	S-NPP	74.44970	30.94977	13:36:00	D	3.00
403	FIROZPUR	FIROZPUR	S-NPP	74.52020	30.94993	13:36:00	D	3.10
404	FIROZPUR	FIROZPUR	S-NPP	74.67709	30.95581	13:36:00	D	8.20
405	FIROZPUR	FIROZPUR	S-NPP	74.51018	30.95868	13:36:00	D	1.60
406	FIROZPUR	FIROZPUR	S-NPP	74.67644	30.95913	13:36:00	D	4.20
407	FIROZPUR	FIROZPUR	S-NPP	74.51421	30.95927	13:36:00	D	2.20
408	FIROZPUR	FIROZPUR	AQUA	74.64300	30.96000	14:25:00	D	36.10
409	FIROZPUR	FIROZPUR	S-NPP	74.63870	30.96045	13:36:00	D	6.30
410	FIROZPUR	FIROZPUR	S-NPP	74.52632	30.96105	13:36:00	D	6.00
411	FIROZPUR	FIROZPUR	AQUA	74.67500	30.96200	14:25:00	D	45.10
412	FIROZPUR	FIROZPUR	S-NPP	74.59969	30.96840	13:36:00	D	13.00
413	FIROZPUR	FIROZPUR	S-NPP	74.66170	30.97063	13:36:00	D	3.30
414	FIROZPUR	FIROZPUR	S-NPP	74.54052	30.97336	13:36:00	D	2.70
415	FIROZPUR	FIROZPUR	S-NPP	74.66105	30.97395	13:36:00	D	3.30
416	FIROZPUR	FIROZPUR	S-NPP	74.61863	30.97799	13:36:00	D	9.00
417	FIROZPUR	FIROZPUR	S-NPP	74.76849	30.97932	13:36:00	D	5.30
418	FIROZPUR	FIROZPUR	S-NPP	74.75970	30.98147	13:36:00	D	2.80
419	FIROZPUR	FIROZPUR	S-NPP	74.75095	30.98361	13:36:00	D	6.50
420	FIROZPUR	FIROZPUR	S-NPP	74.72870	30.99063	13:36:00	D	12.70
421	FIROZPUR	FIROZPUR	S-NPP	74.64501	30.99209	13:36:00	D	2.40
422	FIROZPUR	FIROZPUR	S-NPP	74.64906	30.99268	13:36:00	D	6.80
423	FIROZPUR	FIROZPUR	S-NPP	74.72805	30.99395	13:36:00	D	5.30
424	FIROZPUR	FIROZPUR	S-NPP	74.64570	30.99474	13:36:00	D	3.60
425	FIROZPUR	FIROZPUR	S-NPP	74.71929	30.99609	13:36:00	D	4.30
426	FIROZPUR	FIROZPUR	S-NPP	74.64910	30.99864	13:36:00	D	6.80

427	FIROZPUR	FIROZPUR	S-NPP	74.71458	30.99882	13:36:00	D	5.80
428	FIROZPUR	FIROZPUR	S-NPP	74.71864	30.99941	13:36:00	D	5.80
429	FIROZPUR	FIROZPUR	S-NPP	74.73489	31.00178	13:36:00	D	10.00
430	FIROZPUR	FIROZPUR	S-NPP	74.73424	31.00510	13:36:00	D	10.00
431	FIROZPUR	FIROZPUR	S-NPP	74.55614	31.00560	13:36:00	D	2.70
432	FIROZPUR	FIROZPUR	S-NPP	74.64245	31.01133	13:36:00	D	4.10
433	FIROZPUR	FIROZPUR	S-NPP	74.62495	31.01561	13:36:00	D	56.40
434	FIROZPUR	FIROZPUR	AQUA	74.63300	31.01700	14:25:00	D	64.70
435	FIROZPUR	FIROZPUR	S-NPP	74.62431	31.01893	13:36:00	D	26.80
436	FIROZPUR	FIROZPUR	S-NPP	74.63241	31.02011	13:36:00	D	15.10
437	FIROZPUR	FIROZPUR	S-NPP	74.63646	31.02070	13:36:00	D	19.00
438	FIROZPUR	FIROZPUR	S-NPP	74.62366	31.02225	13:36:00	D	26.80
439	FIROZPUR	FIROZPUR	S-NPP	74.62771	31.02284	13:36:00	D	15.10
440	FIROZPUR	FIROZPUR	S-NPP	74.63176	31.02343	13:36:00	D	15.10
441	FIROZPUR	FIROZPUR	S-NPP	74.63581	31.02402	13:36:00	D	19.00
442	FIROZPUR	FIROZPUR	S-NPP	74.77177	31.03343	13:36:00	D	38.20
443	FIROZPUR	FIROZPUR	AQUA	74.66400	31.03500	14:25:00	D	77.80
444	FIROZPUR	FIROZPUR	S-NPP	74.75826	31.03832	13:36:00	D	11.30
445	FIROZPUR	FIROZPUR	S-NPP	74.67848	31.04045	13:36:00	D	3.60
446	FIROZPUR	FIROZPUR	S-NPP	74.59076	31.04134	13:36:00	D	3.90
447	FIROZPUR	FIROZPUR	S-NPP	74.76105	31.04555	13:36:00	D	2.10
448	FIROZPUR	FIROZPUR	S-NPP	74.77882	31.06178	13:36:00	D	25.20
449	FIROZPUR	FIROZPUR	TERRA	74.72300	31.06200	11:10:00	D	5.50
450	FIROZPUR	FIROZPUR	AQUA	74.78500	31.07300	14:25:00	D	37.90
451	FIROZPUR	FIROZPUR	AQUA	74.79200	31.07400	14:25:00	D	33.90
452	FIROZPUR	FIROZPUR	S-NPP	74.72548	31.07800	13:36:00	D	13.10
453	FIROZPUR	FIROZPUR	S-NPP	74.78524	31.09348	13:36:00	D	21.00
454	FIROZPUR	FIROZPUR	TERRA	74.75900	31.10100	11:10:00	D	12.00
455	FIROZPUR	FIROZPUR	S-NPP	74.79210	31.10131	13:36:00	D	5.10
456	FIROZPUR	FIROZPUR	S-NPP	74.78609	31.11070	13:36:00	D	2.70
457	FIROZPUR	FIROZPUR	S-NPP	74.78545	31.11403	13:36:00	D	2.70
458	FIROZPUR	ZIRA	S-NPP	75.00266	30.87089	13:36:00	D	12.00
459	FIROZPUR	ZIRA	S-NPP	75.06058	30.87571	13:36:00	D	3.20



460	FIROZPUR	ZIRA	S-NPP	75.27545	30.87856	13:36:00	D	7.30
461	FIROZPUR	ZIRA	TERRA	75.03400	30.88200	11:10:00	D	5.80
462	FIROZPUR	ZIRA	S-NPP	74.94576	30.88329	13:36:00	D	18.40
463	FIROZPUR	ZIRA	S-NPP	74.90993	30.89525	13:36:00	D	8.20
464	FIROZPUR	ZIRA	S-NPP	74.91402	30.89584	13:36:00	D	8.20
465	FIROZPUR	ZIRA	S-NPP	74.98875	30.89973	13:36:00	D	11.70
466	FIROZPUR	ZIRA	S-NPP	75.24974	30.90247	13:36:00	D	3.00
467	FIROZPUR	ZIRA	S-NPP	74.87287	30.91385	13:36:00	D	2.90
468	FIROZPUR	ZIRA	S-NPP	74.86741	30.92179	13:36:00	D	3.40
469	FIROZPUR	ZIRA	S-NPP	74.84512	30.92885	13:36:00	D	4.40
470	FIROZPUR	ZIRA	S-NPP	75.36417	30.94955	13:36:00	D	2.60
471	FIROZPUR	ZIRA	S-NPP	74.85092	30.96388	13:36:00	D	4.60
472	FIROZPUR	ZIRA	S-NPP	74.92562	30.96775	13:36:00	D	9.20
473	FIROZPUR	ZIRA	S-NPP	74.90864	30.96874	13:36:00	D	2.60
474	FIROZPUR	ZIRA	S-NPP	75.33485	30.96956	13:36:00	D	5.30
475	FIROZPUR	ZIRA	S-NPP	75.34315	30.97074	13:36:00	D	1.80
476	FIROZPUR	ZIRA	S-NPP	75.23662	30.97403	13:36:00	D	20.90
477	FIROZPUR	ZIRA	S-NPP	75.34252	30.97409	13:36:00	D	3.50
478	FIROZPUR	ZIRA	S-NPP	74.81635	31.01932	13:36:00	D	2.90
479	FIROZPUR	ZIRA	S-NPP	75.27807	31.02459	13:36:00	D	2.90
480	FIROZPUR	ZIRA	S-NPP	74.82192	31.03379	13:36:00	D	7.50
481	FIROZPUR	ZIRA	S-NPP	75.02428	31.05235	13:36:00	D	3.60
482	FIROZPUR	ZIRA	S-NPP	75.17127	31.07992	13:36:00	D	3.40
483	FIROZPUR	ZIRA	S-NPP	75.06026	31.08488	13:36:00	D	7.80
484	FIROZPUR	ZIRA	S-NPP	74.90339	31.08996	13:36:00	D	3.20
485	FIROZPUR	ZIRA	S-NPP	74.90275	31.09329	13:36:00	D	5.20
486	FIROZPUR	ZIRA	S-NPP	75.12205	31.09362	13:36:00	D	2.20
487	FIROZPUR	ZIRA	S-NPP	74.84793	31.11621	13:36:00	D	8.20
488	FIROZPUR	ZIRA	S-NPP	75.07794	31.12516	13:36:00	D	3.70
489	FIROZPUR	ZIRA	S-NPP	75.02347	31.14485	13:36:00	D	4.30
490	GURDASPUR	BATALA	S-NPP	75.40858	31.63121	13:36:00	D	4.90
491	GURDASPUR	BATALA	S-NPP	75.41281	31.63180	13:36:00	D	6.10
492	GURDASPUR	BATALA	S-NPP	75.40793	31.63458	13:36:00	D	4.90

493	GURDASPUR	BATALA	S-NPP	75.37639	31.64795	13:36:00	D	1.60
494	GURDASPUR	BATALA	S-NPP	75.42782	31.65152	13:36:00	D	2.80
495	GURDASPUR	BATALA	S-NPP	75.30990	31.65610	13:36:00	D	8.40
496	GURDASPUR	BATALA	S-NPP	75.34005	31.65680	13:36:00	D	2.80
497	GURDASPUR	BATALA	S-NPP	75.45200	31.66177	13:36:00	D	2.30
498	GURDASPUR	BATALA	S-NPP	75.38654	31.66319	13:36:00	D	2.00
499	GURDASPUR	BATALA	S-NPP	75.37321	31.66483	13:36:00	D	2.10
500	GURDASPUR	BATALA	S-NPP	75.39923	31.66494	13:36:00	D	2.40
501	GURDASPUR	BATALA	S-NPP	75.38103	31.66937	13:36:00	D	4.10
502	GURDASPUR	BATALA	S-NPP	75.46583	31.68101	13:36:00	D	2.60
503	GURDASPUR	BATALA	S-NPP	75.42572	31.68591	13:36:00	D	2.40
504	GURDASPUR	BATALA	S-NPP	75.45543	31.68999	13:36:00	D	4.30
505	GURDASPUR	BATALA	S-NPP	75.32462	31.69273	13:36:00	D	2.90
506	GURDASPUR	BATALA	S-NPP	75.23367	31.69388	13:36:00	D	4.20
507	GURDASPUR	BATALA	S-NPP	75.25047	31.69623	13:36:00	D	3.00
508	GURDASPUR	BATALA	S-NPP	75.32335	31.69947	13:36:00	D	9.40
509	GURDASPUR	BATALA	S-NPP	75.29257	31.70211	13:36:00	D	3.00
510	GURDASPUR	BATALA	S-NPP	75.29678	31.70270	13:36:00	D	3.90
511	GURDASPUR	BATALA	AQUA	75.25100	31.70300	14:25:00	D	34.30
512	GURDASPUR	BATALA	AQUA	75.28800	31.70600	14:25:00	D	27.50
513	GURDASPUR	BATALA	S-NPP	75.38674	31.70827	13:36:00	D	2.50
514	GURDASPUR	BATALA	S-NPP	75.36918	31.70930	13:36:00	D	4.20
515	GURDASPUR	BATALA	S-NPP	75.26896	31.71264	13:36:00	D	3.40
516	GURDASPUR	BATALA	S-NPP	75.31532	31.71912	13:36:00	D	3.50
517	GURDASPUR	BATALA	S-NPP	75.45398	31.72103	13:36:00	D	4.90
518	GURDASPUR	BATALA	S-NPP	75.45822	31.72162	13:36:00	D	1.90
519	GURDASPUR	BATALA	S-NPP	75.39268	31.72295	13:36:00	D	2.60
520	GURDASPUR	BATALA	S-NPP	75.39204	31.72633	13:36:00	D	2.60
521	GURDASPUR	BATALA	S-NPP	75.42659	31.72766	13:36:00	D	2.90
522	GURDASPUR	BATALA	S-NPP	75.25736	31.72831	13:36:00	D	3.10
523	GURDASPUR	BATALA	S-NPP	75.42171	31.73045	13:36:00	D	2.90
524	GURDASPUR	BATALA	S-NPP	75.40349	31.73486	13:36:00	D	3.60
525	GURDASPUR	BATALA	S-NPP	75.41196	31.73604	13:36:00	D	5.40

526	GURDASPUR	BATALA	S-NPP	75.28693	31.73689	13:36:00	D	2.40
527	GURDASPUR	BATALA	S-NPP	75.40285	31.73824	13:36:00	D	3.90
528	GURDASPUR	BATALA	S-NPP	75.40708	31.73882	13:36:00	D	3.90
529	GURDASPUR	BATALA	S-NPP	75.33697	31.74722	13:36:00	D	8.60
530	GURDASPUR	BATALA	S-NPP	75.38419	31.75023	13:36:00	D	5.60
531	GURDASPUR	BATALA	S-NPP	75.31456	31.75107	13:36:00	D	3.60
532	GURDASPUR	BATALA	TERRA	75.26000	31.75200	11:10:00	D	6.30
533	GURDASPUR	BATALA	S-NPP	75.35749	31.75351	13:36:00	D	3.00
534	GURDASPUR	BATALA	S-NPP	75.48232	31.75621	13:36:00	D	3.60
535	GURDASPUR	BATALA	S-NPP	75.23970	31.75802	13:36:00	D	3.10
536	GURDASPUR	BATALA	S-NPP	75.21254	31.76461	13:36:00	D	7.40
537	GURDASPUR	BATALA	S-NPP	75.49904	31.76587	13:36:00	D	6.30
538	GURDASPUR	BATALA	S-NPP	75.39374	31.76887	13:36:00	D	4.40
539	GURDASPUR	BATALA	S-NPP	75.35303	31.77714	13:36:00	D	2.80
540	GURDASPUR	BATALA	S-NPP	75.34817	31.77993	13:36:00	D	3.70
541	GURDASPUR	BATALA	S-NPP	75.31728	31.78259	13:36:00	D	2.20
542	GURDASPUR	BATALA	S-NPP	75.32510	31.78714	13:36:00	D	6.90
543	GURDASPUR	BATALA	S-NPP	75.31601	31.78934	13:36:00	D	2.10
544	GURDASPUR	BATALA	S-NPP	75.30692	31.79155	13:36:00	D	9.00
545	GURDASPUR	BATALA	S-NPP	75.30627	31.79492	13:36:00	D	9.00
546	GURDASPUR	BATALA	S-NPP	75.33229	31.79506	13:36:00	D	3.80
547	GURDASPUR	BATALA	S-NPP	75.49333	31.79638	13:36:00	D	7.30
548	GURDASPUR	BATALA	S-NPP	75.32742	31.79785	13:36:00	D	6.30
549	GURDASPUR	BATALA	S-NPP	75.41413	31.79942	13:36:00	D	4.00
550	GURDASPUR	BATALA	S-NPP	75.33102	31.80181	13:36:00	D	8.60
551	GURDASPUR	BATALA	S-NPP	75.33398	31.80914	13:36:00	D	3.00
552	GURDASPUR	BATALA	S-NPP	75.28556	31.81281	13:36:00	D	4.90
553	GURDASPUR	BATALA	S-NPP	75.03891	31.82062	13:36:00	D	21.00
554	GURDASPUR	BATALA	S-NPP	75.27943	31.82233	13:36:00	D	3.50
555	GURDASPUR	BATALA	S-NPP	75.23471	31.82991	13:36:00	D	13.80
556	GURDASPUR	BATALA	S-NPP	75.38655	31.83030	13:36:00	D	7.80
557	GURDASPUR	BATALA	S-NPP	75.39079	31.83089	13:36:00	D	7.80
558	GURDASPUR	BATALA	S-NPP	75.23407	31.83328	13:36:00	D	13.80

559	GURDASPUR	BATALA	S-NPP	75.08780	31.83433	13:36:00	D	2.40
560	GURDASPUR	BATALA	S-NPP	75.14714	31.83914	13:36:00	D	4.30
561	GURDASPUR	BATALA	S-NPP	75.10390	31.84002	13:36:00	D	3.40
562	GURDASPUR	BATALA	S-NPP	75.14650	31.84250	13:36:00	D	3.60
563	GURDASPUR	BATALA	S-NPP	75.17398	31.85667	13:36:00	D	5.20
564	GURDASPUR	BATALA	S-NPP	75.14749	31.85989	13:36:00	D	1.60
565	GURDASPUR	BATALA	S-NPP	75.20216	31.86749	13:36:00	D	2.30
566	GURDASPUR	BATALA	S-NPP	75.02990	31.86756	13:36:00	D	2.90
567	GURDASPUR	BATALA	S-NPP	74.97725	31.87390	13:36:00	D	1.60
568	GURDASPUR	BATALA	S-NPP	75.12202	31.88049	13:36:00	D	6.40
569	GURDASPUR	BATALA	S-NPP	75.01352	31.88591	13:36:00	D	2.70
570	GURDASPUR	BATALA	S-NPP	75.08881	31.89652	13:36:00	D	5.70
571	GURDASPUR	BATALA	S-NPP	74.99140	31.91533	13:36:00	D	9.80
572	GURDASPUR	DERA BABA NANAK	S-NPP	75.07367	31.90818	13:36:00	D	3.00
573	GURDASPUR	DERA BABA NANAK	S-NPP	75.11432	31.92081	13:36:00	D	0.90
574	GURDASPUR	DERA BABA NANAK	S-NPP	74.92561	31.92331	13:36:00	D	2.20
575	GURDASPUR	DERA BABA NANAK	S-NPP	75.06897	31.93649	13:36:00	D	7.00
576	GURDASPUR	DERA BABA NANAK	S-NPP	75.07252	31.94043	13:36:00	D	2.30
577	GURDASPUR	DERA BABA NANAK	S-NPP	75.09933	31.95796	13:36:00	D	3.50
578	GURDASPUR	DERA BABA NANAK	S-NPP	75.01292	31.95966	13:36:00	D	2.50
579	GURDASPUR	DERA BABA NANAK	S-NPP	74.94704	31.96760	13:36:00	D	4.30
580	GURDASPUR	DERA BABA NANAK	S-NPP	74.95763	31.97941	13:36:00	D	1.60
581	GURDASPUR	DERA BABA NANAK	S-NPP	74.98428	31.99695	13:36:00	D	2.20
582	GURDASPUR	DERA BABA NANAK	S-NPP	75.11198	32.00458	13:36:00	D	3.20
583	GURDASPUR	DERA BABA NANAK	S-NPP	75.02484	32.00957	13:36:00	D	17.90
584	GURDASPUR	DERA BABA NANAK	S-NPP	74.99006	32.01154	13:36:00	D	1.80
585	GURDASPUR	DERA BABA NANAK	S-NPP	75.01871	32.01904	13:36:00	D	4.00
586	GURDASPUR	DERA BABA NANAK	S-NPP	74.98421	32.02557	13:36:00	D	4.10
587	GURDASPUR	DERA BABA NANAK	S-NPP	75.09068	32.02575	13:36:00	D	2.60
588	GURDASPUR	DERA BABA NANAK	S-NPP	74.98293	32.03227	13:36:00	D	3.60
589	GURDASPUR	DERA BABA NANAK	AQUA	75.05300	32.03300	14:25:00	D	46.10
590	GURDASPUR	DERA BABA NANAK	AQUA	75.06000	32.03700	14:25:00	D	62.00
591	GURDASPUR	DERA BABA NANAK	S-NPP	75.08492	32.03957	13:36:00	D	2.00

592	GURDASPUR	DERA BABA NANAK	S-NPP	75.08427	32.04293	13:36:00	D	4.90
593	GURDASPUR	DERA BABA NANAK	S-NPP	75.08783	32.04688	13:36:00	D	2.80
594	GURDASPUR	DERA BABA NANAK	S-NPP	75.08654	32.05360	13:36:00	D	13.40
595	GURDASPUR	DERA BABA NANAK	S-NPP	74.94429	32.05439	13:36:00	D	3.60
596	GURDASPUR	DERA BABA NANAK	S-NPP	75.08590	32.05696	13:36:00	D	11.10
597	GURDASPUR	DERA BABA NANAK	S-NPP	74.93881	32.06050	13:36:00	D	8.00
598	GURDASPUR	GURDASPUR	S-NPP	75.48593	31.81274	13:36:00	D	2.50
599	GURDASPUR	GURDASPUR	S-NPP	75.52251	31.82819	13:36:00	D	1.70
600	GURDASPUR	GURDASPUR	S-NPP	75.52981	31.83615	13:36:00	D	3.60
601	GURDASPUR	GURDASPUR	S-NPP	75.39378	31.83824	13:36:00	D	7.20
602	GURDASPUR	GURDASPUR	S-NPP	75.44608	31.83853	13:36:00	D	4.80
603	GURDASPUR	GURDASPUR	S-NPP	75.52918	31.83954	13:36:00	D	3.60
604	GURDASPUR	GURDASPUR	S-NPP	75.51809	31.85194	13:36:00	D	2.40
605	GURDASPUR	GURDASPUR	S-NPP	75.41249	31.85472	13:36:00	D	10.90
606	GURDASPUR	GURDASPUR	S-NPP	75.54617	31.86625	13:36:00	D	3.70
607	GURDASPUR	GURDASPUR	S-NPP	75.42072	31.88375	13:36:00	D	24.10
608	GURDASPUR	GURDASPUR	S-NPP	75.23690	31.88960	13:36:00	D	1.70
609	GURDASPUR	GURDASPUR	S-NPP	75.46771	31.89016	13:36:00	D	6.30
610	GURDASPUR	GURDASPUR	S-NPP	75.46707	31.89355	13:36:00	D	3.50
611	GURDASPUR	GURDASPUR	S-NPP	75.29249	31.89385	13:36:00	D	2.20
612	GURDASPUR	GURDASPUR	S-NPP	75.36160	31.89645	13:36:00	D	5.50
613	GURDASPUR	GURDASPUR	S-NPP	75.34631	31.90822	13:36:00	D	3.20
614	GURDASPUR	GURDASPUR	S-NPP	75.34801	31.92232	13:36:00	D	2.90
615	GURDASPUR	GURDASPUR	S-NPP	75.37415	31.92246	13:36:00	D	7.00
616	GURDASPUR	GURDASPUR	S-NPP	75.37350	31.92584	13:36:00	D	7.00
617	GURDASPUR	GURDASPUR	S-NPP	75.37649	31.93320	13:36:00	D	5.60
618	GURDASPUR	GURDASPUR	S-NPP	75.47102	31.94276	13:36:00	D	2.80
619	GURDASPUR	GURDASPUR	S-NPP	75.49734	31.94290	13:36:00	D	4.60
620	GURDASPUR	GURDASPUR	S-NPP	75.49670	31.94629	13:36:00	D	25.60
621	GURDASPUR	GURDASPUR	S-NPP	75.40375	31.95085	13:36:00	D	4.90
622	GURDASPUR	GURDASPUR	S-NPP	75.29985	31.95109	13:36:00	D	7.50
623	GURDASPUR	GURDASPUR	S-NPP	75.30769	31.95138	13:36:00	D	1.40
624	GURDASPUR	GURDASPUR	S-NPP	75.47340	31.95352	13:36:00	D	6.40

625	GURDASPUR	GURDASPUR	S-NPP	75.22469	31.95807	13:36:00	D	2.10
626	GURDASPUR	GURDASPUR	S-NPP	75.48560	31.95869	13:36:00	D	9.50
627	GURDASPUR	GURDASPUR	S-NPP	75.17570	31.96512	13:36:00	D	3.40
628	GURDASPUR	GURDASPUR	S-NPP	75.48370	31.96886	13:36:00	D	1.70
629	GURDASPUR	GURDASPUR	S-NPP	75.17800	31.97580	13:36:00	D	4.60
630	GURDASPUR	GURDASPUR	S-NPP	75.27229	31.98193	13:36:00	D	2.60
631	GURDASPUR	GURDASPUR	S-NPP	75.42931	31.98263	13:36:00	D	3.40
632	GURDASPUR	GURDASPUR	S-NPP	75.43658	31.99057	13:36:00	D	4.30
633	GURDASPUR	GURDASPUR	S-NPP	75.38706	31.99770	13:36:00	D	2.70
634	GURDASPUR	GURDASPUR	S-NPP	75.37236	32.00610	13:36:00	D	5.20
635	GURDASPUR	GURDASPUR	S-NPP	75.27989	32.01068	13:36:00	D	4.60
636	GURDASPUR	GURDASPUR	S-NPP	75.17453	32.01679	13:36:00	D	1.80
637	GURDASPUR	GURDASPUR	S-NPP	75.25190	32.02065	13:36:00	D	4.40
638	GURDASPUR	GURDASPUR	S-NPP	75.27245	32.02697	13:36:00	D	2.60
639	GURDASPUR	GURDASPUR	TERRA	75.17800	32.03800	11:10:00	D	6.70
640	GURDASPUR	GURDASPUR	S-NPP	75.13673	32.03984	13:36:00	D	2.30
641	GURDASPUR	GURDASPUR	S-NPP	75.11501	32.04029	13:36:00	D	4.30
642	GURDASPUR	GURDASPUR	S-NPP	75.30386	32.04520	13:36:00	D	4.60
643	GURDASPUR	GURDASPUR	S-NPP	75.13415	32.05330	13:36:00	D	5.40
644	GURDASPUR	GURDASPUR	S-NPP	75.26311	32.05338	13:36:00	D	3.00
645	GURDASPUR	GURDASPUR	S-NPP	75.26428	32.05392	13:36:00	D	6.30
646	GURDASPUR	GURDASPUR	S-NPP	75.26736	32.05398	13:36:00	D	4.30
647	GURDASPUR	GURDASPUR	S-NPP	75.23331	32.05660	13:36:00	D	2.80
648	GURDASPUR	GURDASPUR	S-NPP	75.22420	32.05880	13:36:00	D	4.20
649	GURDASPUR	GURDASPUR	S-NPP	75.18905	32.06088	13:36:00	D	2.60
650	GURDASPUR	GURDASPUR	S-NPP	75.13644	32.06398	13:36:00	D	1.70
651	GURDASPUR	GURDASPUR	S-NPP	75.33105	32.06998	13:36:00	D	3.40
652	GURDASPUR	GURDASPUR	S-NPP	75.40852	32.07013	13:36:00	D	2.00
653	GURDASPUR	GURDASPUR	S-NPP	75.15627	32.07363	13:36:00	D	7.00
654	GURDASPUR	GURDASPUR	S-NPP	75.16049	32.07422	13:36:00	D	6.80
655	GURDASPUR	GURDASPUR	S-NPP	75.21970	32.08241	13:36:00	D	2.10
656	GURDASPUR	GURDASPUR	S-NPP	75.35880	32.10847	13:36:00	D	2.20
657	GURDASPUR	GURDASPUR	S-NPP	75.34109	32.10951	13:36:00	D	3.30



658	GURDASPUR	GURDASPUR	S-NPP	75.40029	32.12110	13:36:00	D	4.80
659	HOSHIARPUR	DASUYA	TERRA	75.59300	31.60600	11:10:00	D	10.20
660	HOSHIARPUR	DASUYA	S-NPP	75.63750	31.62105	13:36:00	D	15.20
661	HOSHIARPUR	DASUYA	S-NPP	75.59523	31.63616	13:36:00	D	5.30
662	HOSHIARPUR	DASUYA	S-NPP	75.58353	31.65196	13:36:00	D	8.50
663	HOSHIARPUR	DASUYA	S-NPP	75.59510	31.66052	13:36:00	D	4.70
664	HOSHIARPUR	DASUYA	S-NPP	75.62576	31.69234	13:36:00	D	1.90
665	HOSHIARPUR	DASUYA	S-NPP	75.55775	31.70399	13:36:00	D	6.20
666	HOSHIARPUR	DASUYA	S-NPP	75.59917	31.74099	13:36:00	D	4.60
667	HOSHIARPUR	DASUYA	S-NPP	75.55811	31.74928	13:36:00	D	4.50
668	HOSHIARPUR	DASUYA	S-NPP	75.61066	31.77393	13:36:00	D	3.50
669	HOSHIARPUR	DASUYA	S-NPP	75.61651	31.79570	13:36:00	D	3.90
670	HOSHIARPUR	DASUYA	S-NPP	75.59908	31.84214	13:36:00	D	6.00
671	HOSHIARPUR	GARHSHANKAR	S-NPP	76.09187	31.24763	13:36:00	D	3.00
672	HOSHIARPUR	MUKERIAN	S-NPP	75.55757	31.92676	13:36:00	D	2.00
673	JALANDHAR	JALANDHAR I	S-NPP	75.75236	31.46631	13:36:00	D	4.20
674	JALANDHAR	JALANDHAR II	S-NPP	75.46589	31.43364	13:36:00	D	4.40
675	JALANDHAR	JALANDHAR II	S-NPP	75.46635	31.43399	13:36:00	D	3.80
676	JALANDHAR	JALANDHAR II	S-NPP	75.69891	31.52132	13:36:00	D	2.50
677	JALANDHAR	JALANDHAR II	S-NPP	75.60403	31.58863	13:36:00	D	3.50
678	JALANDHAR	JALANDHAR II	S-NPP	75.60340	31.59203	13:36:00	D	3.50
679	JALANDHAR	NAKODAR	S-NPP	75.50407	30.97949	13:36:00	D	2.50
680	JALANDHAR	NAKODAR	S-NPP	75.56338	30.98429	13:36:00	D	2.20
681	JALANDHAR	NAKODAR	S-NPP	75.42574	30.98581	13:36:00	D	5.50
682	JALANDHAR	NAKODAR	S-NPP	75.52857	30.98637	13:36:00	D	3.30
683	JALANDHAR	NAKODAR	S-NPP	75.46393	30.98771	13:36:00	D	2.30
684	JALANDHAR	NAKODAR	S-NPP	75.46811	30.98829	13:36:00	D	2.00
685	JALANDHAR	NAKODAR	S-NPP	75.49800	30.98902	13:36:00	D	10.70
686	JALANDHAR	NAKODAR	S-NPP	75.46329	30.99108	13:36:00	D	2.80
687	JALANDHAR	NAKODAR	S-NPP	75.41615	30.99137	13:36:00	D	5.70
688	JALANDHAR	NAKODAR	S-NPP	75.46748	30.99166	13:36:00	D	3.60
689	JALANDHAR	NAKODAR	S-NPP	75.54828	30.99604	13:36:00	D	6.20
690	JALANDHAR	NAKODAR	S-NPP	75.50449	31.00031	13:36:00	D	4.00

691	JALANDHAR	NAKODAR	S-NPP	75.49068	31.00529	13:36:00	D	5.30
692	JALANDHAR	NAKODAR	S-NPP	75.49104	31.00587	13:36:00	D	14.40
693	JALANDHAR	NAKODAR	S-NPP	75.49487	31.00588	13:36:00	D	5.30
694	JALANDHAR	NAKODAR	S-NPP	75.49041	31.00925	13:36:00	D	14.40
695	JALANDHAR	NAKODAR	S-NPP	75.49773	31.06215	13:36:00	D	52.20
696	JALANDHAR	NAKODAR	S-NPP	75.57549	31.13940	13:36:00	D	10.40
697	JALANDHAR	PHILLAUR	S-NPP	75.83971	31.01542	13:36:00	D	2.60
698	JALANDHAR	PHILLAUR	S-NPP	75.74175	31.02635	13:36:00	D	4.10
699	JALANDHAR	PHILLAUR	S-NPP	75.71380	31.03640	13:36:00	D	3.40
700	JALANDHAR	PHILLAUR	S-NPP	75.88238	31.04568	13:36:00	D	3.20
701	JALANDHAR	PHILLAUR	S-NPP	75.64494	31.10680	13:36:00	D	2.70
702	JALANDHAR	PHILLAUR	S-NPP	75.61286	31.11625	13:36:00	D	2.30
703	JALANDHAR	PHILLAUR	S-NPP	75.59597	31.14567	13:36:00	D	4.10
704	JALANDHAR	SHAHKOT	S-NPP	75.32788	31.03157	13:36:00	D	3.30
705	JALANDHAR	SHAHKOT	S-NPP	75.21504	31.04325	13:36:00	D	11.20
706	JALANDHAR	SHAHKOT	S-NPP	75.34968	31.05187	13:36:00	D	3.40
707	JALANDHAR	SHAHKOT	S-NPP	75.22780	31.06570	13:36:00	D	1.80
708	JALANDHAR	SHAHKOT	S-NPP	75.18494	31.07496	13:36:00	D	7.90
709	JALANDHAR	SHAHKOT	S-NPP	75.17063	31.08327	13:36:00	D	22.80
710	JALANDHAR	SHAHKOT	S-NPP	75.27068	31.09383	13:36:00	D	8.90
711	JALANDHAR	SHAHKOT	S-NPP	75.27005	31.09718	13:36:00	D	10.70
712	JALANDHAR	SHAHKOT	S-NPP	75.17986	31.10176	13:36:00	D	8.70
713	JALANDHAR	SHAHKOT	S-NPP	75.16269	31.10278	13:36:00	D	3.40
714	JALANDHAR	SHAHKOT	TERRA	75.20600	31.10600	11:10:00	D	5.60
715	JALANDHAR	SHAHKOT	S-NPP	75.16205	31.10613	13:36:00	D	3.40
716	JALANDHAR	SHAHKOT	S-NPP	75.27266	31.12856	13:36:00	D	3.60
717	JALANDHAR	SHAHKOT	S-NPP	75.15316	31.15302	13:36:00	D	9.70
718	JALANDHAR	SHAHKOT	S-NPP	75.19678	31.16953	13:36:00	D	2.40
719	JALANDHAR	SHAHKOT	S-NPP	75.19615	31.17288	13:36:00	D	2.40
720	KAPURTHALA	BHOLATH	S-NPP	75.45609	31.51230	13:36:00	D	5.20
721	KAPURTHALA	BHOLATH	S-NPP	75.44573	31.52126	13:36:00	D	9.50
722	KAPURTHALA	BHOLATH	S-NPP	75.44510	31.52464	13:36:00	D	9.50
723	KAPURTHALA	BHOLATH	S-NPP	75.51097	31.54420	13:36:00	D	2.00

724	KAPURTHALA	BHOLATH	S-NPP	75.46252	31.55198	13:36:00	D	1.30
725	KAPURTHALA	BHOLATH	S-NPP	75.50919	31.55835	13:36:00	D	9.30
726	KAPURTHALA	BHOLATH	S-NPP	75.51344	31.55893	13:36:00	D	6.20
727	KAPURTHALA	BHOLATH	S-NPP	75.51280	31.56231	13:36:00	D	26.90
728	KAPURTHALA	BHOLATH	S-NPP	75.51579	31.56966	13:36:00	D	3.00
729	KAPURTHALA	BHOLATH	S-NPP	75.39823	31.57088	13:36:00	D	5.90
730	KAPURTHALA	BHOLATH	TERRA	75.52300	31.57100	11:10:00	D	5.70
731	KAPURTHALA	BHOLATH	S-NPP	75.51453	31.57644	13:36:00	D	3.50
732	KAPURTHALA	BHOLATH	AQUA	75.49400	31.57900	14:25:00	D	31.20
733	KAPURTHALA	BHOLATH	S-NPP	75.40964	31.57938	13:36:00	D	15.90
734	KAPURTHALA	BHOLATH	S-NPP	75.46170	31.57961	13:36:00	D	2.80
735	KAPURTHALA	BHOLATH	TERRA	75.52500	31.58000	11:10:00	D	7.10
736	KAPURTHALA	BHOLATH	S-NPP	75.47867	31.58194	13:36:00	D	21.30
737	KAPURTHALA	BHOLATH	S-NPP	75.48291	31.58252	13:36:00	D	19.80
738	KAPURTHALA	BHOLATH	S-NPP	75.51327	31.58321	13:36:00	D	3.60
739	KAPURTHALA	BHOLATH	S-NPP	75.51752	31.58379	13:36:00	D	21.00
740	KAPURTHALA	BHOLATH	S-NPP	75.48652	31.58649	13:36:00	D	2.60
741	KAPURTHALA	BHOLATH	S-NPP	75.51264	31.58660	13:36:00	D	3.60
742	KAPURTHALA	BHOLATH	S-NPP	75.51689	31.58718	13:36:00	D	21.00
743	KAPURTHALA	BHOLATH	AQUA	75.49800	31.58800	14:25:00	D	24.00
744	KAPURTHALA	BHOLATH	S-NPP	75.59975	31.58805	13:36:00	D	2.80
745	KAPURTHALA	BHOLATH	S-NPP	75.50352	31.58882	13:36:00	D	20.70
746	KAPURTHALA	BHOLATH	S-NPP	75.49438	31.59104	13:36:00	D	8.10
747	KAPURTHALA	BHOLATH	S-NPP	75.59912	31.59145	13:36:00	D	2.80
748	KAPURTHALA	BHOLATH	S-NPP	75.47677	31.59209	13:36:00	D	6.80
749	KAPURTHALA	BHOLATH	S-NPP	75.50288	31.59220	13:36:00	D	20.70
750	KAPURTHALA	BHOLATH	S-NPP	75.52902	31.59231	13:36:00	D	1.50
751	KAPURTHALA	BHOLATH	S-NPP	75.51563	31.59395	13:36:00	D	2.70
752	KAPURTHALA	BHOLATH	S-NPP	75.57337	31.61229	13:36:00	D	14.60
753	KAPURTHALA	BHOLATH	S-NPP	75.54653	31.61557	13:36:00	D	6.70
754	KAPURTHALA	BHOLATH	S-NPP	75.48806	31.62489	13:36:00	D	1.30
755	KAPURTHALA	BHOLATH	S-NPP	75.52697	31.62678	13:36:00	D	3.50
756	KAPURTHALA	BHOLATH	S-NPP	75.48318	31.62769	13:36:00	D	8.60

757	KAPURTHALA	BHOLATH	S-NPP	75.49168	31.62886	13:36:00	D	11.70
758	KAPURTHALA	BHOLATH	S-NPP	75.48255	31.63107	13:36:00	D	8.60
759	KAPURTHALA	BHOLATH	S-NPP	75.56407	31.63884	13:36:00	D	3.50
760	KAPURTHALA	BHOLATH	S-NPP	75.53233	31.64490	13:36:00	D	2.60
761	KAPURTHALA	KAPURTHALA	S-NPP	75.27935	31.29930	13:36:00	D	2.70
762	KAPURTHALA	KAPURTHALA	S-NPP	75.34942	31.34131	13:36:00	D	4.40
763	KAPURTHALA	KAPURTHALA	S-NPP	75.34879	31.34468	13:36:00	D	3.80
764	KAPURTHALA	KAPURTHALA	S-NPP	75.27325	31.35832	13:36:00	D	5.10
765	KAPURTHALA	KAPURTHALA	S-NPP	75.27261	31.36169	13:36:00	D	5.30
766	KAPURTHALA	KAPURTHALA	S-NPP	75.24984	31.36884	13:36:00	D	5.60
767	KAPURTHALA	KAPURTHALA	S-NPP	75.36112	31.37059	13:36:00	D	3.00
768	KAPURTHALA	KAPURTHALA	S-NPP	75.23541	31.37716	13:36:00	D	2.80
769	KAPURTHALA	KAPURTHALA	S-NPP	75.23288	31.39060	13:36:00	D	4.00
770	KAPURTHALA	KAPURTHALA	S-NPP	75.21846	31.39891	13:36:00	D	3.00
771	KAPURTHALA	KAPURTHALA	S-NPP	75.29329	31.41365	13:36:00	D	2.90
772	KAPURTHALA	KAPURTHALA	S-NPP	75.30877	31.42270	13:36:00	D	2.50
773	KAPURTHALA	KAPURTHALA	S-NPP	75.39741	31.45568	13:36:00	D	3.60
774	KAPURTHALA	KAPURTHALA	S-NPP	75.39677	31.45906	13:36:00	D	4.90
775	KAPURTHALA	KAPURTHALA	S-NPP	75.35320	31.48416	13:36:00	D	3.70
776	KAPURTHALA	KAPURTHALA	S-NPP	75.44637	31.51788	13:36:00	D	6.20
777	KAPURTHALA	KAPURTHALA	S-NPP	75.44151	31.52067	13:36:00	D	9.50
778	KAPURTHALA	KAPURTHALA	AQUA	75.38300	31.55700	14:25:00	D	37.90
779	KAPURTHALA	SULTANPUR LODHI	AQUA	75.04900	31.16800	14:25:00	D	32.80
780	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.11453	31.17969	13:36:00	D	3.50
781	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.07198	31.18057	13:36:00	D	3.50
782	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.13264	31.19598	13:36:00	D	2.40
783	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.13201	31.19934	13:36:00	D	19.20
784	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.09544	31.23542	13:36:00	D	6.30
785	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.13614	31.24462	13:36:00	D	3.70
786	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.26196	31.25546	13:36:00	D	2.10
787	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.23382	31.26874	13:36:00	D	5.50
788	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.22071	31.27034	13:36:00	D	3.90
789	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.21528	31.27646	13:36:00	D	3.90

790	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.24503	31.27722	13:36:00	D	4.90
791	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.15462	31.28164	13:36:00	D	2.40
792	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.15089	31.28265	13:36:00	D	2.60
793	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.25209	31.28510	13:36:00	D	5.30
794	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.18366	31.28577	13:36:00	D	7.40
795	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.17993	31.28671	13:36:00	D	5.00
796	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.23001	31.28888	13:36:00	D	12.70
797	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.22938	31.29224	13:36:00	D	12.70
798	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.24113	31.34694	13:36:00	D	2.70
799	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.15953	31.34925	13:36:00	D	1.70
800	LUDHIANA	JAGRAON	S-NPP	75.40103	30.60285	13:36:00	D	6.20
801	LUDHIANA	JAGRAON	S-NPP	75.41856	30.62254	13:36:00	D	6.40
802	LUDHIANA	JAGRAON	S-NPP	75.37526	30.67993	13:36:00	D	23.10
803	LUDHIANA	JAGRAON	S-NPP	75.40208	30.71813	13:36:00	D	3.20
804	LUDHIANA	JAGRAON	S-NPP	75.37699	30.73873	13:36:00	D	3.20
805	LUDHIANA	JAGRAON	S-NPP	75.38113	30.73931	13:36:00	D	3.20
806	LUDHIANA	JAGRAON	S-NPP	75.52871	30.81938	13:36:00	D	2.90
807	LUDHIANA	JAGRAON	S-NPP	75.50430	30.88167	13:36:00	D	23.10
808	LUDHIANA	JAGRAON	S-NPP	75.50847	30.88226	13:36:00	D	23.10
809	LUDHIANA	JAGRAON	S-NPP	75.42156	30.98522	13:36:00	D	3.60
810	LUDHIANA	KHANNA	S-NPP	76.19424	30.69042	13:36:00	D	2.70
811	LUDHIANA	KHANNA	S-NPP	76.19363	30.69385	13:36:00	D	2.70
812	LUDHIANA	KHANNA	S-NPP	76.27309	30.72202	13:36:00	D	4.70
813	LUDHIANA	LUDHIANA WEST	S-NPP	75.67764	30.80152	13:36:00	D	2.10
814	LUDHIANA	LUDHIANA WEST	S-NPP	75.68342	30.81986	13:36:00	D	3.20
815	LUDHIANA	LUDHIANA WEST	S-NPP	75.84058	30.83772	13:36:00	D	2.20
816	LUDHIANA	PAYAL	S-NPP	75.93992	30.61137	13:36:00	D	8.80
817	LUDHIANA	PAYAL	S-NPP	75.95789	30.73203	13:36:00	D	4.90
818	LUDHIANA	PAYAL	S-NPP	76.05068	30.83533	13:36:00	D	4.40
819	LUDHIANA	SAMRALA	S-NPP	76.16597	30.78415	13:36:00	D	3.40
820	LUDHIANA	SAMRALA	S-NPP	76.11716	30.78467	13:36:00	D	2.50
821	LUDHIANA	SAMRALA	S-NPP	76.26658	30.79395	13:36:00	D	6.00
822	LUDHIANA	SAMRALA	S-NPP	76.15117	30.81730	13:36:00	D	7.20

823	LUDHIANA	SAMRALA	S-NPP	76.26981	30.82609	13:36:00	D	6.10
824	LUDHIANA	SAMRALA	S-NPP	76.17162	30.82707	13:36:00	D	11.40
825	LUDHIANA	SAMRALA	S-NPP	76.17101	30.83050	13:36:00	D	5.80
826	LUDHIANA	SAMRALA	S-NPP	76.21696	30.84723	13:36:00	D	3.20
827	LUDHIANA	SAMRALA	S-NPP	76.26431	30.85709	13:36:00	D	4.90
828	LUDHIANA	SAMRALA	S-NPP	76.31718	30.94349	13:36:00	D	5.00
829	LUDHIANA	SAMRALA	S-NPP	76.18290	30.96789	13:36:00	D	2.90
830	MANSA	BUDHLADA	S-NPP	75.59651	29.77659	13:36:00	D	11.60
831	MANSA	BUDHLADA	S-NPP	75.43256	29.78084	13:36:00	D	3.40
832	MANSA	BUDHLADA	S-NPP	75.56293	29.79939	13:36:00	D	8.90
833	MANSA	BUDHLADA	S-NPP	75.66187	29.80992	13:36:00	D	3.40
834	MANSA	BUDHLADA	S-NPP	75.41247	29.82441	13:36:00	D	6.30
835	MANSA	BUDHLADA	S-NPP	75.73058	29.82649	13:36:00	D	7.60
836	MANSA	BUDHLADA	S-NPP	75.55642	29.83781	13:36:00	D	6.70
837	MANSA	BUDHLADA	S-NPP	75.50774	29.85161	13:36:00	D	4.50
838	MANSA	BUDHLADA	S-NPP	75.59080	29.85640	13:36:00	D	20.60
839	MANSA	BUDHLADA	S-NPP	75.71660	29.86015	13:36:00	D	2.10
840	MANSA	BUDHLADA	S-NPP	75.44506	29.87367	13:36:00	D	2.50
841	MANSA	BUDHLADA	S-NPP	75.56189	29.87644	13:36:00	D	8.80
842	MANSA	BUDHLADA	S-NPP	75.57008	29.87759	13:36:00	D	7.70
843	MANSA	MANSA	S-NPP	75.19543	29.91851	13:36:00	D	2.90
844	MANSA	MANSA	S-NPP	75.34093	29.91870	13:36:00	D	5.50
845	MANSA	MANSA	S-NPP	75.58485	30.09913	13:36:00	D	2.90
846	MANSA	MANSA	S-NPP	75.48003	30.11880	13:36:00	D	8.00
847	MANSA	SARDULGARH	S-NPP	75.28737	29.59738	13:36:00	D	2.90
848	MANSA	SARDULGARH	S-NPP	75.27002	29.60173	13:36:00	D	2.50
849	MANSA	SARDULGARH	S-NPP	75.31026	29.65201	13:36:00	D	25.90
850	MANSA	SARDULGARH	S-NPP	75.26756	29.68532	13:36:00	D	2.30
851	MANSA	SARDULGARH	S-NPP	75.32095	29.71006	13:36:00	D	9.20
852	MANSA	SARDULGARH	S-NPP	75.24455	29.71967	13:36:00	D	9.40
853	MANSA	SARDULGARH	S-NPP	75.29855	29.74111	13:36:00	D	2.70
854	MANSA	SARDULGARH	S-NPP	75.36888	29.76488	13:36:00	D	2.20
855	MANSA	SARDULGARH	S-NPP	75.32912	29.80231	13:36:00	D	2.50

856	MANSA	SARDULGARH	S-NPP	75.34501	29.82856	13:36:00	D	3.70
857	MANSA	SARDULGARH	S-NPP	75.22800	29.83238	13:36:00	D	4.20
858	MOGA	BAGHA PURANA	S-NPP	75.12389	30.55340	13:36:00	D	2.50
859	MOGA	BAGHA PURANA	S-NPP	74.96999	30.64315	13:36:00	D	11.70
860	MOGA	BAGHA PURANA	S-NPP	74.96935	30.64648	13:36:00	D	11.70
861	MOGA	BAGHA PURANA	S-NPP	75.16486	30.65378	13:36:00	D	2.20
862	MOGA	MOGA	S-NPP	75.19067	30.69520	13:36:00	D	4.00
863	MOGA	MOGA	S-NPP	75.16450	30.72237	13:36:00	D	3.90
864	MOGA	MOGA	S-NPP	75.15601	30.74665	13:36:00	D	2.90
865	MOGA	MOGA	S-NPP	75.24577	30.76272	13:36:00	D	7.80
866	MOGA	MOGA	S-NPP	75.27273	30.77682	13:36:00	D	6.00
867	MOGA	MOGA	S-NPP	74.96754	30.78835	13:36:00	D	2.90
868	MOGA	MOGA	S-NPP	75.10897	30.79488	13:36:00	D	4.30
869	MOGA	MOGA	S-NPP	75.05260	30.80398	13:36:00	D	14.50
870	MOGA	MOGA	S-NPP	75.06423	30.80907	13:36:00	D	3.30
871	MOGA	MOGA	S-NPP	75.10170	30.81100	13:36:00	D	11.90
872	MOGA	MOGA	S-NPP	75.07742	30.82810	13:36:00	D	2.30
873	MOGA	MOGA	S-NPP	75.03293	30.84436	13:36:00	D	3.10
874	MOGA	NIHAL SINGH WALA	TERRA	75.33500	30.57500	11:10:00	D	6.50
875	MOGA	NIHAL SINGH WALA	S-NPP	75.39565	30.60898	13:36:00	D	3.80
876	MOGA	NIHAL SINGH WALA	S-NPP	75.30471	30.62026	13:36:00	D	5.50
877	MUKTSAR	GIDDARBAHA	S-NPP	74.70118	30.17831	13:36:00	D	3.60
878	MUKTSAR	GIDDARBAHA	S-NPP	74.71270	30.20384	13:36:00	D	1.90
879	MUKTSAR	GIDDARBAHA	S-NPP	74.54271	30.23237	13:36:00	D	3.60
880	MUKTSAR	GIDDARBAHA	S-NPP	74.68864	30.24359	13:36:00	D	3.80
881	MUKTSAR	GIDDARBAHA	S-NPP	74.70901	30.24418	13:36:00	D	9.70
882	MUKTSAR	GIDDARBAHA	S-NPP	74.55687	30.26509	13:36:00	D	2.50
883	MUKTSAR	GIDDARBAHA	S-NPP	74.68222	30.27671	13:36:00	D	37.10
884	MUKTSAR	GIDDARBAHA	S-NPP	74.66155	30.27709	13:36:00	D	64.60
885	MUKTSAR	GIDDARBAHA	S-NPP	74.73643	30.29487	13:36:00	D	6.20
886	MUKTSAR	GIDDARBAHA	S-NPP	74.55110	30.33868	13:36:00	D	7.50
887	MUKTSAR	GIDDARBAHA	S-NPP	74.79385	30.36122	13:36:00	D	3.10
888	MUKTSAR	GIDDARBAHA	S-NPP	74.62798	30.36699	13:36:00	D	14.80

889	MUKTSAR	GIDDARBAHA	S-NPP	74.78589	30.38322	13:36:00	D	3.30
890	MUKTSAR	GIDDARBAHA	S-NPP	74.79733	30.38829	13:36:00	D	7.00
891	MUKTSAR	MALAUT	S-NPP	74.49931	30.03330	13:36:00	D	6.30
892	MUKTSAR	MALAUT	S-NPP	74.49866	30.03661	13:36:00	D	6.30
893	MUKTSAR	MALAUT	S-NPP	74.47747	30.04026	13:36:00	D	5.40
894	MUKTSAR	MALAUT	TERRA	74.43700	30.05100	11:10:00	D	6.30
895	MUKTSAR	MALAUT	S-NPP	74.43980	30.06526	13:36:00	D	2.80
896	MUKTSAR	MALAUT	S-NPP	74.40270	30.06652	13:36:00	D	6.90
897	MUKTSAR	MALAUT	S-NPP	74.41935	30.08601	13:36:00	D	20.00
898	MUKTSAR	MALAUT	S-NPP	74.40214	30.09024	13:36:00	D	15.60
899	MUKTSAR	MALAUT	S-NPP	74.48682	30.11947	13:36:00	D	12.10
900	MUKTSAR	MALAUT	TERRA	74.45000	30.16000	11:10:00	D	9.70
901	MUKTSAR	MALAUT	S-NPP	74.46770	30.23829	13:36:00	D	10.60
902	MUKTSAR	MALAUT	S-NPP	74.47105	30.24219	13:36:00	D	33.30
903	MUKTSAR	MALAUT	S-NPP	74.42744	30.29695	13:36:00	D	16.00
904	MUKTSAR	MALAUT	S-NPP	74.41403	30.32521	13:36:00	D	2.10
905	MUKTSAR	MUKTSAR	S-NPP	74.52311	30.33455	13:36:00	D	12.00
906	MUKTSAR	MUKTSAR	S-NPP	74.48389	30.34577	13:36:00	D	1.60
907	MUKTSAR	MUKTSAR	S-NPP	74.36915	30.40698	13:36:00	D	4.30
908	MUKTSAR	MUKTSAR	TERRA	74.39200	30.41400	11:10:00	D	6.70
909	MUKTSAR	MUKTSAR	S-NPP	74.34483	30.42638	13:36:00	D	2.40
910	MUKTSAR	MUKTSAR	S-NPP	74.35551	30.43477	13:36:00	D	2.70
911	MUKTSAR	MUKTSAR	S-NPP	74.45471	30.45289	13:36:00	D	9.20
912	MUKTSAR	MUKTSAR	S-NPP	74.42365	30.48572	13:36:00	D	27.70
913	MUKTSAR	MUKTSAR	S-NPP	74.50640	30.55194	13:36:00	D	1.60
914	MUKTSAR	MUKTSAR	S-NPP	74.48375	30.56223	13:36:00	D	7.50
915	MUKTSAR	MUKTSAR	S-NPP	74.65377	30.58035	13:36:00	D	18.30
916	MUKTSAR	MUKTSAR	S-NPP	74.66053	30.58815	13:36:00	D	4.30
917	MUKTSAR	MUKTSAR	S-NPP	74.47856	30.58869	13:36:00	D	2.50
918	MUKTSAR	MUKTSAR	S-NPP	74.48994	30.59378	13:36:00	D	3.50
919	MUKTSAR	MUKTSAR	S-NPP	74.62172	30.59611	13:36:00	D	41.30
920	MUKTSAR	MUKTSAR	S-NPP	74.51673	30.60454	13:36:00	D	1.80
921	MUKTSAR	MUKTSAR	S-NPP	74.57712	30.63386	13:36:00	D	11.60



922	MUKTSAR	MUKTSAR	S-NPP	74.57920	30.64439	13:36:00	D	1.60
923	MUKTSAR	MUKTSAR	S-NPP	74.58322	30.64498	13:36:00	D	3.10
924	MUKTSAR	MUKTSAR	S-NPP	74.58258	30.64829	13:36:00	D	9.40
925	MUKTSAR	MUKTSAR	S-NPP	74.56922	30.65314	13:36:00	D	2.90
926	PATHANKOT	PATHANKOT	S-NPP	75.37050	32.28762	13:36:00	D	3.80
927	PATHANKOT	PATHANKOT	S-NPP	75.38000	32.33064	13:36:00	D	2.90
928	PATIALA	NABHA	S-NPP	76.01737	30.34333	13:36:00	D	7.70
929	PATIALA	NABHA	S-NPP	76.20517	30.36861	13:36:00	D	5.60
930	PATIALA	NABHA	S-NPP	76.24083	30.39092	13:36:00	D	2.00
931	PATIALA	NABHA	S-NPP	76.24677	30.46068	13:36:00	D	2.00
932	PATIALA	NABHA	S-NPP	76.31941	30.47184	13:36:00	D	3.20
933	PATIALA	NABHA	S-NPP	76.23137	30.47268	13:36:00	D	16.90
934	PATIALA	NABHA	S-NPP	76.31976	30.47385	13:36:00	D	15.00
935	PATIALA	NABHA	S-NPP	76.23076	30.47611	13:36:00	D	16.90
936	PATIALA	PATIALA	S-NPP	76.30866	30.11514	13:36:00	D	2.20
937	PATIALA	PATIALA	S-NPP	76.32833	30.12834	13:36:00	D	3.40
938	PATIALA	PATIALA	S-NPP	76.30932	30.13629	13:36:00	D	4.80
939	PATIALA	PATIALA	S-NPP	76.30871	30.13972	13:36:00	D	4.80
940	PATIALA	PATIALA	S-NPP	76.61251	30.15597	13:36:00	D	2.50
941	PATIALA	PATIALA	S-NPP	76.45116	30.15906	13:36:00	D	3.50
942	PATIALA	PATIALA	S-NPP	76.45055	30.16250	13:36:00	D	9.20
943	PATIALA	PATIALA	S-NPP	76.47227	30.16545	13:36:00	D	8.60
944	PATIALA	PATIALA	S-NPP	76.48039	30.17565	13:36:00	D	6.40
945	PATIALA	PATIALA	S-NPP	76.40294	30.18655	13:36:00	D	2.50
946	PATIALA	PATIALA	S-NPP	76.64249	30.19688	13:36:00	D	3.00
947	PATIALA	PATIALA	S-NPP	76.51103	30.20441	13:36:00	D	7.90
948	PATIALA	PATIALA	S-NPP	76.36970	30.22435	13:36:00	D	2.10
949	PATIALA	PATIALA	S-NPP	76.52865	30.23150	13:36:00	D	2.60
950	PATIALA	PATIALA	TERRA	76.48000	30.24000	11:10:00	D	5.20
951	PATIALA	PATIALA	TERRA	76.47000	30.24200	11:10:00	D	9.70
952	PATIALA	PATIALA	S-NPP	76.19557	30.24538	13:36:00	D	2.10
953	PATIALA	PATIALA	S-NPP	76.51568	30.25453	13:36:00	D	4.10
954	PATIALA	PATIALA	S-NPP	76.45220	30.26014	13:36:00	D	5.20

955	PATIALA	PATIALA	S-NPP	76.62161	30.26511	13:36:00	D	3.00
956	PATIALA	PATIALA	S-NPP	76.56204	30.27135	13:36:00	D	22.10
957	PATIALA	PATIALA	S-NPP	76.57082	30.27253	13:36:00	D	9.30
958	PATIALA	PATIALA	S-NPP	76.57340	30.28350	13:36:00	D	3.00
959	PATIALA	PATIALA	S-NPP	76.57280	30.28697	13:36:00	D	21.70
960	PATIALA	PATIALA	S-NPP	76.57409	30.28832	13:36:00	D	5.80
961	PATIALA	PATIALA	S-NPP	76.54848	30.30623	13:36:00	D	6.40
962	PATIALA	PATIALA	S-NPP	76.31048	30.31693	13:36:00	D	4.00
963	PATIALA	PATIALA	S-NPP	76.28403	30.34149	13:36:00	D	6.30
964	PATIALA	PATIALA	TERRA	76.31700	30.35600	11:10:00	D	4.30
965	PATIALA	PATIALA	S-NPP	76.38551	30.39966	13:36:00	D	2.70
966	PATIALA	PATIALA	S-NPP	76.37003	30.41170	13:36:00	D	4.10
967	PATIALA	PATIALA	S-NPP	76.46542	30.42789	13:36:00	D	7.40
968	PATIALA	PATIALA	S-NPP	76.42680	30.44396	13:36:00	D	14.40
969	PATIALA	RAJPURA	S-NPP	76.62120	30.29346	13:36:00	D	13.40
970	PATIALA	RAJPURA	S-NPP	76.61815	30.29406	13:36:00	D	5.80
971	PATIALA	RAJPURA	S-NPP	76.52036	30.31314	13:36:00	D	3.20
972	PATIALA	RAJPURA	S-NPP	76.54987	30.32412	13:36:00	D	4.90
973	PATIALA	RAJPURA	S-NPP	76.60389	30.32413	13:36:00	D	1.90
974	PATIALA	RAJPURA	TERRA	76.65200	30.33500	11:10:00	D	7.00
975	PATIALA	RAJPURA	TERRA	76.64200	30.33700	11:10:00	D	4.60
976	PATIALA	RAJPURA	S-NPP	76.58704	30.34320	13:36:00	D	2.00
977	PATIALA	RAJPURA	S-NPP	76.58643	30.34667	13:36:00	D	3.30
978	PATIALA	RAJPURA	S-NPP	76.65835	30.34904	13:36:00	D	13.20
979	PATIALA	RAJPURA	S-NPP	76.66278	30.34962	13:36:00	D	13.20
980	PATIALA	RAJPURA	S-NPP	76.52882	30.36737	13:36:00	D	6.50
981	PATIALA	RAJPURA	S-NPP	76.64466	30.37568	13:36:00	D	5.20
982	PATIALA	RAJPURA	S-NPP	76.64406	30.37915	13:36:00	D	5.20
983	PATIALA	RAJPURA	S-NPP	76.57097	30.38363	13:36:00	D	1.60
984	PATIALA	RAJPURA	S-NPP	76.58800	30.38946	13:36:00	D	31.70
985	PATIALA	RAJPURA	S-NPP	76.53792	30.39850	13:36:00	D	5.10
986	PATIALA	RAJPURA	S-NPP	76.71718	30.40309	13:36:00	D	4.00
987	PATIALA	RAJPURA	S-NPP	76.58138	30.40771	13:36:00	D	3.80

988	PATIALA	RAJPURA	S-NPP	76.58581	30.40829	13:36:00	D	8.80
989	PATIALA	RAJPURA	S-NPP	76.69900	30.46218	13:36:00	D	2.30
990	PATIALA	RAJPURA	S-NPP	76.52477	30.50428	13:36:00	D	3.70
991	PATIALA	RAJPURA	TERRA	76.75800	30.51400	11:10:00	D	6.00
992	PATIALA	RAJPURA	S-NPP	76.57656	30.51813	13:36:00	D	3.70
993	PATIALA	RAJPURA	S-NPP	76.71613	30.52150	13:36:00	D	4.90
994	PATIALA	RAJPURA	S-NPP	76.71698	30.52206	13:36:00	D	4.80
995	PATIALA	RAJPURA	S-NPP	76.67722	30.56683	13:36:00	D	4.90
996	PATIALA	RAJPURA	S-NPP	76.68169	30.56741	13:36:00	D	4.90
997	PATIALA	RAJPURA	S-NPP	76.67662	30.57031	13:36:00	D	4.90
998	PATIALA	RAJPURA	S-NPP	76.60173	30.58184	13:36:00	D	6.80
999	PATIALA	RAJPURA	S-NPP	76.59185	30.61253	13:36:00	D	3.90
1000	PATIALA	RAJPURA	S-NPP	76.59284	30.61397	13:36:00	D	4.50
1001	PATIALA	SAMANA	S-NPP	76.20686	29.84366	13:36:00	D	6.80
1002	PATIALA	SAMANA	S-NPP	76.19232	29.85216	13:36:00	D	9.40
1003	PATIALA	SAMANA	S-NPP	76.19655	29.85274	13:36:00	D	9.40
1004	PATIALA	SAMANA	S-NPP	76.19050	29.86239	13:36:00	D	3.20
1005	PATIALA	SAMANA	S-NPP	76.18990	29.86580	13:36:00	D	3.20
1006	PATIALA	SAMANA	S-NPP	76.18929	29.86921	13:36:00	D	2.90
1007	PATIALA	SAMANA	S-NPP	76.08078	29.87176	13:36:00	D	2.00
1008	PATIALA	SAMANA	S-NPP	76.17538	29.87429	13:36:00	D	3.00
1009	PATIALA	SAMANA	S-NPP	76.11867	29.87698	13:36:00	D	1.60
1010	PATIALA	SAMANA	S-NPP	76.18747	29.87944	13:36:00	D	4.00
1011	PATIALA	SAMANA	S-NPP	76.11324	29.88321	13:36:00	D	2.90
1012	PATIALA	SAMANA	S-NPP	76.15121	29.88843	13:36:00	D	3.30
1013	PATIALA	SAMANA	S-NPP	76.12767	29.89914	13:36:00	D	7.90
1014	PATIALA	SAMANA	S-NPP	76.18745	29.90389	13:36:00	D	5.20
1015	PATIALA	SAMANA	S-NPP	76.00220	29.90640	13:36:00	D	2.40
1016	PATIALA	SAMANA	S-NPP	76.16897	29.91510	13:36:00	D	3.90
1017	PATIALA	SAMANA	S-NPP	76.17321	29.91567	13:36:00	D	8.60
1018	PATIALA	SAMANA	S-NPP	76.16837	29.91851	13:36:00	D	4.80
1019	PATIALA	SAMANA	S-NPP	76.14233	29.94290	13:36:00	D	4.10
1020	PATIALA	SAMANA	S-NPP	76.13749	29.94574	13:36:00	D	3.90

1021	PATIALA	SAMANA	S-NPP	76.16167	29.95601	13:36:00	D	5.40
1022	PATIALA	SAMANA	AQUA	76.17900	29.96300	14:20:00	D	108.70
1023	PATIALA	SAMANA	S-NPP	76.19740	29.97485	13:36:00	D	3.60
1024	PATIALA	SAMANA	S-NPP	76.14954	29.97530	13:36:00	D	3.20
1025	PATIALA	SAMANA	S-NPP	76.15801	29.97646	13:36:00	D	4.10
1026	PATIALA	SAMANA	S-NPP	76.08250	29.98703	13:36:00	D	12.70
1027	PATIALA	SAMANA	S-NPP	76.17314	29.98901	13:36:00	D	9.30
1028	PATIALA	SAMANA	TERRA	76.11000	29.99900	11:10:00	D	5.60
1029	PATIALA	SAMANA	S-NPP	76.19618	30.00614	13:36:00	D	4.60
1030	PATIALA	SAMANA	AQUA	76.20200	30.01100	14:20:00	D	87.40
1031	PATIALA	SAMANA	S-NPP	76.19800	30.02038	13:36:00	D	2.50
1032	PATIALA	SAMANA	S-NPP	76.14168	30.02255	13:36:00	D	1.50
1033	PATIALA	SAMANA	S-NPP	76.19142	30.03624	13:36:00	D	7.80
1034	PATIALA	SAMANA	S-NPP	76.11680	30.06456	13:36:00	D	2.40
1035	PATIALA	SAMANA	S-NPP	76.27072	30.13103	13:36:00	D	2.40
1036	PATIALA	SAMANA	S-NPP	76.07690	30.14624	13:36:00	D	3.40
1037	PATIALA	SAMANA	S-NPP	76.15819	30.15376	13:36:00	D	7.90
1038	RUPNAGAR	CHAMKOR SAHIB	S-NPP	76.46442	30.78280	13:36:00	D	2.00
1039	RUPNAGAR	CHAMKOR SAHIB	S-NPP	76.46703	30.79379	13:36:00	D	2.00
1040	RUPNAGAR	CHAMKOR SAHIB	S-NPP	76.46824	30.82390	13:36:00	D	5.80
1041	RUPNAGAR	CHAMKOR SAHIB	S-NPP	76.46293	30.87997	13:36:00	D	2.00
1042	SANGRUR	DHURI	S-NPP	75.92197	30.31994	13:36:00	D	28.10
1043	SANGRUR	DHURI	S-NPP	75.78328	30.32528	13:36:00	D	3.10
1044	SANGRUR	DHURI	S-NPP	75.76176	30.32578	13:36:00	D	12.50
1045	SANGRUR	DHURI	S-NPP	75.85750	30.34242	13:36:00	D	1.90
1046	SANGRUR	DHURI	S-NPP	75.90958	30.41218	13:36:00	D	8.60
1047	SANGRUR	DHURI	S-NPP	75.94820	30.41404	13:36:00	D	5.90
1048	SANGRUR	DHURI	S-NPP	75.88519	30.45391	13:36:00	D	5.90
1049	SANGRUR	MALERKOTLA	S-NPP	76.04394	30.46504	13:36:00	D	1.70
1050	SANGRUR	MALERKOTLA	S-NPP	76.00088	30.53940	13:36:00	D	2.40
1051	SANGRUR	MALERKOTLA	S-NPP	75.90074	30.53982	13:36:00	D	12.90
1052	SANGRUR	MALERKOTLA	S-NPP	75.75234	30.57163	13:36:00	D	6.40
1053	SANGRUR	MALERKOTLA	S-NPP	75.75655	30.57220	13:36:00	D	20.20

1054	SANGRUR	MOONAK	S-NPP	75.98942	29.78273	13:36:00	D	6.50
1055	SANGRUR	MOONAK	S-NPP	75.88457	29.79607	13:36:00	D	56.00
1056	SANGRUR	MOONAK	S-NPP	75.99951	29.79800	13:36:00	D	15.90
1057	SANGRUR	MOONAK	S-NPP	76.01206	29.79972	13:36:00	D	2.60
1058	SANGRUR	MOONAK	S-NPP	76.01625	29.80029	13:36:00	D	2.60
1059	SANGRUR	MOONAK	S-NPP	75.99890	29.80139	13:36:00	D	3.20
1060	SANGRUR	MOONAK	S-NPP	75.87504	29.80168	13:36:00	D	2.10
1061	SANGRUR	MOONAK	S-NPP	76.01564	29.80368	13:36:00	D	2.80
1062	SANGRUR	MOONAK	S-NPP	75.84003	29.80721	13:36:00	D	1.70
1063	SANGRUR	MOONAK	S-NPP	75.79205	29.81436	13:36:00	D	3.70
1064	SANGRUR	MOONAK	S-NPP	76.03474	29.81672	13:36:00	D	9.80
1065	SANGRUR	MOONAK	S-NPP	76.03413	29.82011	13:36:00	D	5.10
1066	SANGRUR	MOONAK	S-NPP	75.99402	29.82850	13:36:00	D	7.20
1067	SANGRUR	MOONAK	S-NPP	76.08205	29.84060	13:36:00	D	6.80
1068	SANGRUR	MOONAK	S-NPP	75.97659	29.85389	13:36:00	D	3.20
1069	SANGRUR	MOONAK	S-NPP	75.85136	29.88917	13:36:00	D	1.50
1070	SANGRUR	MOONAK	S-NPP	75.84631	29.94043	13:36:00	D	2.80
1071	SANGRUR	MOONAK	S-NPP	75.85046	29.94101	13:36:00	D	2.50
1072	SANGRUR	MOONAK	S-NPP	75.87004	29.95066	13:36:00	D	2.60
1073	SANGRUR	SANGRUR	S-NPP	75.99531	30.16647	13:36:00	D	6.50
1074	SANGRUR	SANGRUR	S-NPP	75.99953	30.16705	13:36:00	D	17.70
1075	SANGRUR	SANGRUR	S-NPP	75.90385	30.19558	13:36:00	D	4.50
1076	SANGRUR	SANGRUR	S-NPP	75.95300	30.21615	13:36:00	D	21.90
1077	SANGRUR	SANGRUR	S-NPP	76.11510	30.23109	13:36:00	D	6.60
1078	SANGRUR	SANGRUR	S-NPP	76.02531	30.24687	13:36:00	D	7.90
1079	SANGRUR	SANGRUR	S-NPP	76.03801	30.24860	13:36:00	D	3.20
1080	SANGRUR	SANGRUR	S-NPP	76.03316	30.25143	13:36:00	D	2.50
1081	SANGRUR	SANGRUR	S-NPP	76.07374	30.26741	13:36:00	D	12.60
1082	SANGRUR	SANGRUR	S-NPP	75.86493	30.29790	13:36:00	D	2.90
1083	SANGRUR	SANGRUR	S-NPP	76.10165	30.30614	13:36:00	D	1.40
1084	SANGRUR	SUNAM	S-NPP	75.68839	29.92181	13:36:00	D	2.50
1085	SANGRUR	SUNAM	S-NPP	75.95953	29.95266	13:36:00	D	5.80
1086	SANGRUR	SUNAM	S-NPP	75.95892	29.95605	13:36:00	D	5.80

1087	SANGRUR	SUNAM	S-NPP	75.67628	29.98994	13:36:00	D	2.70
1088	SAS NAGAR	DERABASSI	S-NPP	76.76461	30.45288	13:36:00	D	2.50
1089	SAS NAGAR	DERABASSI	S-NPP	76.83682	30.48729	13:36:00	D	1.70
1090	SAS NAGAR	KHARAR	S-NPP	76.54038	30.62847	13:36:00	D	7.10
1091	SAS NAGAR	KHARAR	S-NPP	76.65098	30.64642	13:36:00	D	5.40
1092	SAS NAGAR	MOHALI	S-NPP	76.71222	30.63649	13:36:00	D	1.70
1093	SAS NAGAR	MOHALI	S-NPP	76.74878	30.63761	13:36:00	D	5.20
1094	SBS NAGAR	BALACHAUR	S-NPP	76.29420	30.99696	13:36:00	D	7.40
1095	SBS NAGAR	BALACHAUR	S-NPP	76.25883	31.05082	13:36:00	D	2.20
1096	SBS NAGAR	BALACHAUR	S-NPP	76.21635	31.11746	13:36:00	D	3.30
1097	SBS NAGAR	SBS NAGAR	S-NPP	76.19381	31.11802	13:36:00	D	2.50
1098	SBS NAGAR	SBS NAGAR	S-NPP	75.88754	31.24814	13:36:00	D	2.20
1099	TARN TARAN	KHADOOR SAHIB	S-NPP	74.96779	31.17269	13:36:00	D	5.70
1100	TARN TARAN	KHADOOR SAHIB	S-NPP	74.98631	31.23020	13:36:00	D	2.00
1101	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04461	31.23507	13:36:00	D	3.10
1102	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04397	31.23842	13:36:00	D	3.10
1103	TARN TARAN	KHADOOR SAHIB	S-NPP	75.02209	31.24216	13:36:00	D	2.00
1104	TARN TARAN	KHADOOR SAHIB	S-NPP	74.96538	31.25122	13:36:00	D	3.80
1105	TARN TARAN	KHADOOR SAHIB	S-NPP	75.01129	31.25435	13:36:00	D	4.90
1106	TARN TARAN	KHADOOR SAHIB	S-NPP	75.05727	31.25748	13:36:00	D	1.40
1107	TARN TARAN	KHADOOR SAHIB	S-NPP	75.01476	31.25829	13:36:00	D	4.20
1108	TARN TARAN	KHADOOR SAHIB	S-NPP	74.89258	31.25996	13:36:00	D	5.70
1109	TARN TARAN	KHADOOR SAHIB	S-NPP	74.98237	31.27613	13:36:00	D	6.20
1110	TARN TARAN	KHADOOR SAHIB	S-NPP	74.98649	31.27671	13:36:00	D	6.20
1111	TARN TARAN	KHADOOR SAHIB	S-NPP	74.91400	31.28014	13:36:00	D	3.00
1112	TARN TARAN	KHADOOR SAHIB	S-NPP	74.96873	31.28106	13:36:00	D	2.90
1113	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04486	31.28152	13:36:00	D	15.60
1114	TARN TARAN	KHADOOR SAHIB	S-NPP	74.93044	31.28248	13:36:00	D	1.60
1115	TARN TARAN	KHADOOR SAHIB	S-NPP	75.05312	31.28269	13:36:00	D	5.60
1116	TARN TARAN	KHADOOR SAHIB	S-NPP	75.01405	31.28747	13:36:00	D	6.50
1117	TARN TARAN	KHADOOR SAHIB	S-NPP	75.00105	31.28907	13:36:00	D	2.60
1118	TARN TARAN	KHADOOR SAHIB	S-NPP	75.00040	31.29241	13:36:00	D	2.60
1119	TARN TARAN	KHADOOR SAHIB	S-NPP	74.92850	31.29249	13:36:00	D	3.40

1120	TARN TARAN	KHADOOR SAHIB	S-NPP	75.05883	31.29723	13:36:00	D	1.60
1121	TARN TARAN	KHADOOR SAHIB	S-NPP	74.94521	31.31544	13:36:00	D	4.60
1122	TARN TARAN	KHADOOR SAHIB	AQUA	75.03100	31.31700	14:25:00	D	29.80
1123	TARN TARAN	KHADOOR SAHIB	S-NPP	74.99115	31.31855	13:36:00	D	8.60
1124	TARN TARAN	KHADOOR SAHIB	S-NPP	75.07503	31.32357	13:36:00	D	5.20
1125	TARN TARAN	KHADOOR SAHIB	S-NPP	75.07918	31.32416	13:36:00	D	5.20
1126	TARN TARAN	KHADOOR SAHIB	S-NPP	74.80679	31.33328	13:36:00	D	3.90
1127	TARN TARAN	KHADOOR SAHIB	S-NPP	75.07725	31.33420	13:36:00	D	6.10
1128	TARN TARAN	KHADOOR SAHIB	S-NPP	75.08139	31.33478	13:36:00	D	8.30
1129	TARN TARAN	KHADOOR SAHIB	S-NPP	74.79796	31.33543	13:36:00	D	1.80
1130	TARN TARAN	KHADOOR SAHIB	S-NPP	75.02986	31.33779	13:36:00	D	3.40
1131	TARN TARAN	KHADOOR SAHIB	S-NPP	74.97842	31.34076	13:36:00	D	2.70
1132	TARN TARAN	KHADOOR SAHIB	S-NPP	74.90590	31.34411	13:36:00	D	6.30
1133	TARN TARAN	KHADOOR SAHIB	S-NPP	74.96891	31.34627	13:36:00	D	4.90
1134	TARN TARAN	KHADOOR SAHIB	S-NPP	75.15474	31.35202	13:36:00	D	4.80
1135	TARN TARAN	KHADOOR SAHIB	S-NPP	75.03300	31.36571	13:36:00	D	2.70
1136	TARN TARAN	KHADOOR SAHIB	S-NPP	74.98225	31.36678	13:36:00	D	2.80
1137	TARN TARAN	KHADOOR SAHIB	S-NPP	74.98638	31.36736	13:36:00	D	2.80
1138	TARN TARAN	KHADOOR SAHIB	S-NPP	74.86725	31.37107	13:36:00	D	4.80
1139	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04008	31.37492	13:36:00	D	2.20
1140	TARN TARAN	KHADOOR SAHIB	S-NPP	74.84477	31.37814	13:36:00	D	8.90
1141	TARN TARAN	KHADOOR SAHIB	S-NPP	74.82362	31.37854	13:36:00	D	6.70
1142	TARN TARAN	KHADOOR SAHIB	S-NPP	75.01749	31.38205	13:36:00	D	0.80
1143	TARN TARAN	KHADOOR SAHIB	S-NPP	74.82706	31.38246	13:36:00	D	1.90
1144	TARN TARAN	KHADOOR SAHIB	S-NPP	75.00033	31.38306	13:36:00	D	4.70
1145	TARN TARAN	KHADOOR SAHIB	S-NPP	74.82233	31.38521	13:36:00	D	2.00
1146	TARN TARAN	KHADOOR SAHIB	S-NPP	74.89562	31.39910	13:36:00	D	5.40
1147	TARN TARAN	KHADOOR SAHIB	S-NPP	74.89433	31.40577	13:36:00	D	2.10
1148	TARN TARAN	KHADOOR SAHIB	S-NPP	74.78371	31.41048	13:36:00	D	4.20
1149	TARN TARAN	KHADOOR SAHIB	S-NPP	74.85000	31.41657	13:36:00	D	2.00
1150	TARN TARAN	KHADOOR SAHIB	S-NPP	74.79881	31.41950	13:36:00	D	25.50
1151	TARN TARAN	KHADOOR SAHIB	S-NPP	74.68030	31.42292	13:36:00	D	7.00
1152	TARN TARAN	KHADOOR SAHIB	S-NPP	74.98373	31.42534	13:36:00	D	5.50

1153	TARN TARAN	KHADOOR SAHIB	S-NPP	75.13255	31.42572	13:36:00	D	3.20
1154	TARN TARAN	KHADOOR SAHIB	S-NPP	74.78867	31.42832	13:36:00	D	10.40
1155	TARN TARAN	KHADOOR SAHIB	S-NPP	75.13192	31.42908	13:36:00	D	2.90
1156	TARN TARAN	KHADOOR SAHIB	S-NPP	74.82624	31.43029	13:36:00	D	4.10
1157	TARN TARAN	KHADOOR SAHIB	S-NPP	74.80853	31.43460	13:36:00	D	3.30
1158	TARN TARAN	KHADOOR SAHIB	S-NPP	74.71580	31.43490	13:36:00	D	2.70
1159	TARN TARAN	KHADOOR SAHIB	AQUA	74.89600	31.43900	14:25:00	D	27.30
1160	TARN TARAN	KHADOOR SAHIB	S-NPP	74.96813	31.44029	13:36:00	D	5.10
1161	TARN TARAN	KHADOOR SAHIB	S-NPP	74.66894	31.44075	13:36:00	D	2.30
1162	TARN TARAN	KHADOOR SAHIB	TERRA	74.88900	31.44200	11:10:00	D	5.10
1163	TARN TARAN	KHADOOR SAHIB	S-NPP	74.82776	31.44421	13:36:00	D	2.90
1164	TARN TARAN	KHADOOR SAHIB	S-NPP	75.17161	31.44498	13:36:00	D	2.10
1165	TARN TARAN	KHADOOR SAHIB	S-NPP	75.17097	31.44834	13:36:00	D	4.10
1166	TARN TARAN	KHADOOR SAHIB	S-NPP	75.01707	31.45069	13:36:00	D	3.50
1167	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04192	31.45421	13:36:00	D	3.70
1168	TARN TARAN	KHADOOR SAHIB	S-NPP	74.68679	31.45699	13:36:00	D	5.10
1169	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04128	31.45756	13:36:00	D	5.40
1170	TARN TARAN	KHADOOR SAHIB	S-NPP	74.69023	31.46090	13:36:00	D	17.70
1171	TARN TARAN	KHADOOR SAHIB	S-NPP	74.68958	31.46422	13:36:00	D	17.70
1172	TARN TARAN	KHADOOR SAHIB	S-NPP	75.19343	31.46528	13:36:00	D	4.50
1173	TARN TARAN	KHADOOR SAHIB	S-NPP	75.14858	31.47619	13:36:00	D	3.00
1174	TARN TARAN	KHADOOR SAHIB	AQUA	75.06600	31.48100	14:25:00	D	34.70
1175	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04507	31.48217	13:36:00	D	20.90
1176	TARN TARAN	KHADOOR SAHIB	S-NPP	74.74908	31.48303	13:36:00	D	3.20
1177	TARN TARAN	KHADOOR SAHIB	S-NPP	74.97308	31.48403	13:36:00	D	3.30
1178	TARN TARAN	KHADOOR SAHIB	S-NPP	74.86259	31.48554	13:36:00	D	30.20
1179	TARN TARAN	KHADOOR SAHIB	S-NPP	74.74843	31.48636	13:36:00	D	3.20
1180	TARN TARAN	KHADOOR SAHIB	S-NPP	75.00204	31.48811	13:36:00	D	1.90
1181	TARN TARAN	KHADOOR SAHIB	S-NPP	74.99312	31.49029	13:36:00	D	12.40
1182	TARN TARAN	KHADOOR SAHIB	S-NPP	74.70960	31.49104	13:36:00	D	5.30
1183	TARN TARAN	KHADOOR SAHIB	S-NPP	74.76829	31.49263	13:36:00	D	3.70
1184	TARN TARAN	KHADOOR SAHIB	S-NPP	74.99248	31.49363	13:36:00	D	12.40
1185	TARN TARAN	KHADOOR SAHIB	S-NPP	75.24808	31.49364	13:36:00	D	12.50



1186	TARN TARAN	KHADOOR SAHIB	S-NPP	74.92443	31.49431	13:36:00	D	12.60
1187	TARN TARAN	KHADOOR SAHIB	S-NPP	75.07063	31.50805	13:36:00	D	2.60
1188	TARN TARAN	KHADOOR SAHIB	S-NPP	75.18079	31.51312	13:36:00	D	1.90
1189	TARN TARAN	KHADOOR SAHIB	S-NPP	74.92057	31.51435	13:36:00	D	4.10
1190	TARN TARAN	KHADOOR SAHIB	S-NPP	75.18015	31.51648	13:36:00	D	2.30
1191	TARN TARAN	KHADOOR SAHIB	S-NPP	74.76787	31.51653	13:36:00	D	5.60
1192	TARN TARAN	KHADOOR SAHIB	S-NPP	74.71691	31.54000	13:36:00	D	5.40
1193	TARN TARAN	KHADOOR SAHIB	S-NPP	74.78613	31.55858	13:36:00	D	2.50
1194	TARN TARAN	PATTI	S-NPP	74.56803	31.09476	13:36:00	D	15.90
1195	TARN TARAN	PATTI	S-NPP	74.56268	31.10081	13:36:00	D	6.20
1196	TARN TARAN	PATTI	S-NPP	74.72438	31.10517	13:36:00	D	6.40
1197	TARN TARAN	PATTI	S-NPP	74.71966	31.10790	13:36:00	D	2.50
1198	TARN TARAN	PATTI	S-NPP	74.72373	31.10849	13:36:00	D	2.50
1199	TARN TARAN	PATTI	S-NPP	74.70474	31.12137	13:36:00	D	7.20
1200	TARN TARAN	PATTI	S-NPP	74.59184	31.12210	13:36:00	D	5.10
1201	TARN TARAN	PATTI	S-NPP	74.59525	31.12601	13:36:00	D	5.10
1202	TARN TARAN	PATTI	S-NPP	74.67776	31.13114	13:36:00	D	6.90
1203	TARN TARAN	PATTI	S-NPP	74.67711	31.13446	13:36:00	D	19.10
1204	TARN TARAN	PATTI	S-NPP	74.68118	31.13505	13:36:00	D	19.10
1205	TARN TARAN	PATTI	S-NPP	74.68867	31.13954	13:36:00	D	2.60
1206	TARN TARAN	PATTI	S-NPP	74.81004	31.13992	13:36:00	D	1.10
1207	TARN TARAN	PATTI	S-NPP	74.81821	31.14109	13:36:00	D	2.90
1208	TARN TARAN	PATTI	S-NPP	74.74629	31.14444	13:36:00	D	9.20
1209	TARN TARAN	PATTI	S-NPP	74.59946	31.14709	13:36:00	D	4.10
1210	TARN TARAN	PATTI	S-NPP	74.60352	31.14768	13:36:00	D	8.90
1211	TARN TARAN	PATTI	S-NPP	74.83326	31.15008	13:36:00	D	2.80
1212	TARN TARAN	PATTI	S-NPP	74.76602	31.15069	13:36:00	D	6.10
1213	TARN TARAN	PATTI	AQUA	74.81100	31.15100	14:25:00	D	121.00
1214	TARN TARAN	PATTI	S-NPP	74.81628	31.15107	13:36:00	D	1.20
1215	TARN TARAN	PATTI	S-NPP	74.52729	31.15362	13:36:00	D	2.30
1216	TARN TARAN	PATTI	S-NPP	74.69421	31.15401	13:36:00	D	2.70
1217	TARN TARAN	PATTI	S-NPP	74.69827	31.15459	13:36:00	D	2.70
1218	TARN TARAN	PATTI	S-NPP	74.66851	31.15712	13:36:00	D	2.30

1219	TARN TARAN	PATTI	S-NPP	74.69356	31.15733	13:36:00	D	5.00
1220	TARN TARAN	PATTI	S-NPP	74.75593	31.15950	13:36:00	D	4.30
1221	TARN TARAN	PATTI	S-NPP	74.89399	31.16219	13:36:00	D	3.10
1222	TARN TARAN	PATTI	S-NPP	74.89808	31.16277	13:36:00	D	3.10
1223	TARN TARAN	PATTI	AQUA	74.80500	31.16300	14:25:00	D	53.60
1224	TARN TARAN	PATTI	S-NPP	74.61715	31.16332	13:36:00	D	2.50
1225	TARN TARAN	PATTI	S-NPP	74.88515	31.16434	13:36:00	D	2.40
1226	TARN TARAN	PATTI	S-NPP	74.62933	31.16509	13:36:00	D	3.10
1227	TARN TARAN	PATTI	S-NPP	74.80897	31.16713	13:36:00	D	4.70
1228	TARN TARAN	PATTI	S-NPP	74.62868	31.16841	13:36:00	D	4.00
1229	TARN TARAN	PATTI	TERRA	74.63500	31.17000	11:10:00	D	10.30
1230	TARN TARAN	PATTI	AQUA	74.64300	31.17000	14:25:00	D	39.70
1231	TARN TARAN	PATTI	S-NPP	74.80833	31.17046	13:36:00	D	4.70
1232	TARN TARAN	PATTI	S-NPP	74.69096	31.17062	13:36:00	D	3.90
1233	TARN TARAN	PATTI	S-NPP	74.81649	31.17163	13:36:00	D	10.00
1234	TARN TARAN	PATTI	S-NPP	74.69911	31.17179	13:36:00	D	11.40
1235	TARN TARAN	PATTI	S-NPP	74.65307	31.17195	13:36:00	D	5.30
1236	TARN TARAN	PATTI	S-NPP	74.59831	31.17423	13:36:00	D	4.00
1237	TARN TARAN	PATTI	S-NPP	74.56862	31.17672	13:36:00	D	8.60
1238	TARN TARAN	PATTI	S-NPP	74.95007	31.17703	13:36:00	D	1.80
1239	TARN TARAN	PATTI	S-NPP	74.86964	31.17925	13:36:00	D	6.00
1240	TARN TARAN	PATTI	S-NPP	74.86081	31.18141	13:36:00	D	5.30
1241	TARN TARAN	PATTI	S-NPP	74.86491	31.18200	13:36:00	D	5.00
1242	TARN TARAN	PATTI	S-NPP	74.58419	31.18241	13:36:00	D	4.50
1243	TARN TARAN	PATTI	S-NPP	74.52953	31.18465	13:36:00	D	5.50
1244	TARN TARAN	PATTI	S-NPP	74.57949	31.18513	13:36:00	D	4.50
1245	TARN TARAN	PATTI	S-NPP	74.58354	31.18572	13:36:00	D	4.50
1246	TARN TARAN	PATTI	S-NPP	74.70466	31.18627	13:36:00	D	2.80
1247	TARN TARAN	PATTI	S-NPP	74.90177	31.18727	13:36:00	D	4.60
1248	TARN TARAN	PATTI	S-NPP	74.78403	31.18748	13:36:00	D	19.10
1249	TARN TARAN	PATTI	S-NPP	74.81734	31.18886	13:36:00	D	1.20
1250	TARN TARAN	PATTI	S-NPP	74.91405	31.18902	13:36:00	D	6.90
1251	TARN TARAN	PATTI	S-NPP	74.58695	31.18963	13:36:00	D	5.70

1252	TARN TARAN	PATTI	S-NPP	74.85887	31.19140	13:36:00	D	3.40
1253	TARN TARAN	PATTI	S-NPP	74.62820	31.19223	13:36:00	D	20.20
1254	TARN TARAN	PATTI	S-NPP	74.69929	31.19232	13:36:00	D	6.40
1255	TARN TARAN	PATTI	S-NPP	74.63227	31.19283	13:36:00	D	20.20
1256	TARN TARAN	PATTI	S-NPP	74.75355	31.19334	13:36:00	D	5.80
1257	TARN TARAN	PATTI	S-NPP	74.85414	31.19415	13:36:00	D	3.10
1258	TARN TARAN	PATTI	S-NPP	74.63162	31.19615	13:36:00	D	5.30
1259	TARN TARAN	PATTI	S-NPP	74.54443	31.19626	13:36:00	D	2.30
1260	TARN TARAN	PATTI	S-NPP	74.75289	31.19667	13:36:00	D	5.80
1261	TARN TARAN	PATTI	S-NPP	74.63568	31.19674	13:36:00	D	4.10
1262	TARN TARAN	PATTI	S-NPP	74.54848	31.19686	13:36:00	D	2.30
1263	TARN TARAN	PATTI	S-NPP	74.63097	31.19947	13:36:00	D	5.30
1264	TARN TARAN	PATTI	S-NPP	74.63503	31.20006	13:36:00	D	4.10
1265	TARN TARAN	PATTI	S-NPP	74.82294	31.20335	13:36:00	D	2.30
1266	TARN TARAN	PATTI	S-NPP	74.87332	31.20374	13:36:00	D	4.00
1267	TARN TARAN	PATTI	S-NPP	74.83929	31.20570	13:36:00	D	5.60
1268	TARN TARAN	PATTI	S-NPP	74.79713	31.20647	13:36:00	D	3.10
1269	TARN TARAN	PATTI	S-NPP	74.76598	31.21565	13:36:00	D	17.10
1270	TARN TARAN	PATTI	S-NPP	74.60207	31.22168	13:36:00	D	6.70
1271	TARN TARAN	PATTI	S-NPP	74.72744	31.22268	13:36:00	D	3.60
1272	TARN TARAN	PATTI	S-NPP	74.61019	31.22286	13:36:00	D	2.00
1273	TARN TARAN	PATTI	S-NPP	74.78510	31.22526	13:36:00	D	3.10
1274	TARN TARAN	PATTI	S-NPP	74.78446	31.22859	13:36:00	D	3.10
1275	TARN TARAN	PATTI	S-NPP	74.73022	31.22991	13:36:00	D	6.50
1276	TARN TARAN	PATTI	S-NPP	74.56697	31.23024	13:36:00	D	1.90
1277	TARN TARAN	PATTI	S-NPP	74.54602	31.23061	13:36:00	D	11.80
1278	TARN TARAN	PATTI	S-NPP	74.69223	31.23129	13:36:00	D	2.30
1279	TARN TARAN	PATTI	S-NPP	74.92686	31.23198	13:36:00	D	1.30
1280	TARN TARAN	PATTI	S-NPP	74.63329	31.23302	13:36:00	D	4.80
1281	TARN TARAN	PATTI	S-NPP	74.88866	31.23335	13:36:00	D	2.70
1282	TARN TARAN	PATTI	S-NPP	74.56631	31.23356	13:36:00	D	5.90
1283	TARN TARAN	PATTI	S-NPP	74.63737	31.23362	13:36:00	D	6.90
1284	TARN TARAN	PATTI	S-NPP	74.69093	31.23793	13:36:00	D	1.70

1285	TARN TARAN	PATTI	S-NPP	74.90032	31.23845	13:36:00	D	2.70
1286	TARN TARAN	PATTI	TERRA	74.77700	31.23900	11:10:00	D	6.00
1287	TARN TARAN	PATTI	S-NPP	74.69029	31.24126	13:36:00	D	1.70
1288	TARN TARAN	PATTI	S-NPP	74.89967	31.24178	13:36:00	D	10.10
1289	TARN TARAN	PATTI	S-NPP	74.59345	31.24432	13:36:00	D	3.10
1290	TARN TARAN	PATTI	S-NPP	74.74396	31.24556	13:36:00	D	3.80
1291	TARN TARAN	PATTI	S-NPP	74.79836	31.24652	13:36:00	D	17.50
1292	TARN TARAN	PATTI	S-NPP	74.60971	31.24668	13:36:00	D	16.50
1293	TARN TARAN	PATTI	S-NPP	74.70596	31.24693	13:36:00	D	2.20
1294	TARN TARAN	PATTI	S-NPP	74.66798	31.24828	13:36:00	D	2.40
1295	TARN TARAN	PATTI	S-NPP	74.74331	31.24888	13:36:00	D	3.80
1296	TARN TARAN	PATTI	S-NPP	74.88911	31.25604	13:36:00	D	8.40
1297	TARN TARAN	PATTI	S-NPP	74.53073	31.26590	13:36:00	D	2.20
1298	TARN TARAN	PATTI	S-NPP	74.65187	31.26645	13:36:00	D	6.20
1299	TARN TARAN	PATTI	S-NPP	74.75577	31.27119	13:36:00	D	1.90
1300	TARN TARAN	PATTI	S-NPP	74.66279	31.27486	13:36:00	D	6.70
1301	TARN TARAN	PATTI	S-NPP	74.73814	31.27549	13:36:00	D	8.70
1302	TARN TARAN	PATTI	S-NPP	74.56939	31.28178	13:36:00	D	2.80
1303	TARN TARAN	PATTI	S-NPP	74.81646	31.28333	13:36:00	D	3.80
1304	TARN TARAN	PATTI	S-NPP	74.60663	31.28379	13:36:00	D	4.80
1305	TARN TARAN	PATTI	S-NPP	74.56874	31.28509	13:36:00	D	2.80
1306	TARN TARAN	PATTI	S-NPP	74.89974	31.28839	13:36:00	D	3.50
1307	TARN TARAN	PATTI	S-NPP	74.88268	31.28938	13:36:00	D	4.30
1308	TARN TARAN	PATTI	S-NPP	74.76006	31.29233	13:36:00	D	4.80
1309	TARN TARAN	PATTI	S-NPP	74.89846	31.29506	13:36:00	D	6.90
1310	TARN TARAN	PATTI	S-NPP	74.88140	31.29605	13:36:00	D	1.50
1311	TARN TARAN	PATTI	S-NPP	74.65011	31.29693	13:36:00	D	1.90
1312	TARN TARAN	PATTI	S-NPP	74.55801	31.29718	13:36:00	D	4.40
1313	TARN TARAN	PATTI	S-NPP	74.74651	31.29722	13:36:00	D	1.80
1314	TARN TARAN	PATTI	S-NPP	74.74995	31.30113	13:36:00	D	7.80
1315	TARN TARAN	PATTI	S-NPP	74.65694	31.30476	13:36:00	D	3.50
1316	TARN TARAN	PATTI	S-NPP	74.73103	31.31208	13:36:00	D	3.70
1317	TARN TARAN	PATTI	S-NPP	74.60126	31.31242	13:36:00	D	4.60

1318	TARN TARAN	PATTI	S-NPP	74.73511	31.31267	13:36:00	D	3.70
1319	TARN TARAN	PATTI	TERRA	74.60500	31.31400	11:10:00	D	9.10
1320	TARN TARAN	PATTI	S-NPP	74.65500	31.31473	13:36:00	D	1.80
1321	TARN TARAN	PATTI	S-NPP	74.70524	31.31518	13:36:00	D	12.60
1322	TARN TARAN	PATTI	S-NPP	74.80591	31.31604	13:36:00	D	5.90
1323	TARN TARAN	PATTI	S-NPP	74.70459	31.31851	13:36:00	D	12.60
1324	TARN TARAN	PATTI	S-NPP	74.80527	31.31937	13:36:00	D	5.90
1325	TARN TARAN	PATTI	S-NPP	74.59525	31.32179	13:36:00	D	3.50
1326	TARN TARAN	PATTI	S-NPP	74.87432	31.33272	13:36:00	D	5.10
1327	TARN TARAN	PATTI	AQUA	74.84900	31.33300	14:25:00	D	32.80
1328	TARN TARAN	PATTI	AQUA	74.88300	31.33600	14:25:00	D	27.20
1329	TARN TARAN	PATTI	S-NPP	74.60078	31.33625	13:36:00	D	3.40
1330	TARN TARAN	PATTI	S-NPP	74.66322	31.33843	13:36:00	D	2.20
1331	TARN TARAN	PATTI	S-NPP	74.60014	31.33957	13:36:00	D	2.10
1332	TARN TARAN	PATTI	S-NPP	74.67008	31.34625	13:36:00	D	3.20
1333	TARN TARAN	PATTI	S-NPP	74.66943	31.34958	13:36:00	D	3.80
1334	TARN TARAN	PATTI	S-NPP	74.89986	31.35353	13:36:00	D	3.50
1335	TARN TARAN	PATTI	S-NPP	74.90398	31.35412	13:36:00	D	3.50
1336	TARN TARAN	PATTI	S-NPP	74.89988	31.35514	13:36:00	D	7.10
1337	TARN TARAN	PATTI	S-NPP	74.68919	31.35584	13:36:00	D	6.50
1338	TARN TARAN	PATTI	S-NPP	74.74104	31.37013	13:36:00	D	10.90
1339	TARN TARAN	PATTI	S-NPP	74.67648	31.37793	13:36:00	D	2.50
1340	TARN TARAN	PATTI	S-NPP	74.59232	31.37941	13:36:00	D	2.50
1341	TARN TARAN	PATTI	S-NPP	74.71735	31.38383	13:36:00	D	6.80
1342	TARN TARAN	PATTI	S-NPP	74.69022	31.39359	13:36:00	D	3.40
1343	TARN TARAN	PATTI	S-NPP	74.62315	31.41463	13:36:00	D	5.50

**Details of residue burning events in Haryana on 22-Oct-2020**

S. No.	District	Tehsil / Block	Satellite	Longitude	Latitude	Time (IST)	Day / Night	Fire Power (W/m2)
1	AMBALA	AMBALA	S-NPP	76.59448	30.07430	13:36:00	D	2.10
2	AMBALA	AMBALA	S-NPP	76.59507	30.07574	13:36:00	D	2.40
3	AMBALA	AMBALA	S-NPP	76.71706	30.21013	13:36:00	D	2.40
4	AMBALA	AMBALA	TERRA	76.91300	30.21500	11:10:00	D	5.60
5	AMBALA	AMBALA	S-NPP	76.78342	30.24726	13:36:00	D	4.90
6	AMBALA	AMBALA	S-NPP	76.63564	30.28829	13:36:00	D	4.20
7	AMBALA	AMBALA	S-NPP	76.96903	30.31802	13:36:00	D	2.50
8	AMBALA	AMBALA	S-NPP	76.78908	30.33043	13:36:00	D	3.20
9	AMBALA	AMBALA	S-NPP	76.83147	30.40387	13:36:00	D	1.80
10	AMBALA	BARARA	S-NPP	77.02244	30.15961	13:36:00	D	2.40
11	AMBALA	BARARA	S-NPP	77.06192	30.20069	13:36:00	D	10.20
12	AMBALA	BARARA	S-NPP	77.06746	30.22303	13:36:00	D	2.90
13	AMBALA	BARARA	S-NPP	77.12628	30.29869	13:36:00	D	2.50
14	AMBALA	BARARA	S-NPP	77.06647	30.31988	13:36:00	D	1.50
15	AMBALA	NARAYANGARH	S-NPP	77.17705	30.37261	13:36:00	D	5.20
16	AMBALA	NARAYANGARH	S-NPP	77.17645	30.37616	13:36:00	D	5.20
17	AMBALA	NARAYANGARH	S-NPP	76.94195	30.37879	13:36:00	D	4.10
18	AMBALA	NARAYANGARH	TERRA	76.97600	30.41700	11:10:00	D	3.30
19	AMBALA	NARAYANGARH	S-NPP	77.10619	30.42877	13:36:00	D	7.30
20	AMBALA	NARAYANGARH	S-NPP	77.08543	30.44055	13:36:00	D	4.20
21	AMBALA	NARAYANGARH	S-NPP	77.06812	30.49544	13:36:00	D	2.60
22	BHIWANI	BAWANI_KHERA	S-NPP	75.89816	28.94825	13:36:00	D	1.60
23	BHIWANI	BAWANI_KHERA	S-NPP	75.89754	28.95161	13:36:00	D	3.20
24	FATEHABAD	FATEHABAD	S-NPP	75.63300	29.45439	13:36:00	D	4.30
25	FATEHABAD	FATEHABAD	S-NPP	75.49895	29.52799	02:18:00	N	1.30
26	FATEHABAD	FATEHABAD	S-NPP	75.69568	29.57104	13:36:00	D	19.60
27	FATEHABAD	FATEHABAD	S-NPP	75.33540	29.67275	13:36:00	D	3.20
28	FATEHABAD	RATIA	S-NPP	75.48480	29.79173	13:36:00	D	3.80
29	FATEHABAD	TOHANA	S-NPP	75.86970	29.56425	13:36:00	D	8.90
30	FATEHABAD	TOHANA	S-NPP	75.83944	29.59116	13:36:00	D	4.70

31	FATEHABAD	TOHANA	S-NPP	75.83471	29.59396	13:36:00	D	4.70
32	FATEHABAD	TOHANA	S-NPP	75.83883	29.59453	13:36:00	D	4.70
33	FATEHABAD	TOHANA	S-NPP	75.93425	29.65285	13:36:00	D	2.50
34	FATEHABAD	TOHANA	S-NPP	75.83898	29.73735	13:36:00	D	1.50
35	FATEHABAD	TOHANA	S-NPP	75.81719	29.76945	13:36:00	D	1.60
36	FATEHABAD	TOHANA	S-NPP	75.76788	29.80753	13:36:00	D	5.90
37	HISAR	HISAR	S-NPP	75.92027	29.44621	13:36:00	D	2.30
38	HISAR	HISAR	S-NPP	75.92317	29.45352	13:36:00	D	1.40
39	HISAR	HISAR	S-NPP	75.94283	29.53241	13:36:00	D	3.10
40	HISAR	NARNAUND	S-NPP	76.12225	29.23000	13:36:00	D	7.40
41	JHAJJAR	BAHADURGARH	S-NPP	76.95477	28.67157	02:18:00	N	1.20
42	JHAJJAR	BAHADURGARH	S-NPP	76.95290	28.67250	02:18:00	N	0.60
43	JIND	NARWANA	S-NPP	76.05450	29.50282	13:36:00	D	2.80
44	JIND	NARWANA	S-NPP	75.98145	29.50660	13:36:00	D	5.70
45	JIND	NARWANA	S-NPP	76.07767	29.51643	13:36:00	D	1.80
46	JIND	NARWANA	S-NPP	76.08115	29.54470	13:36:00	D	4.90
47	JIND	NARWANA	S-NPP	76.14560	29.56754	13:36:00	D	3.50
48	JIND	NARWANA	S-NPP	76.05484	29.57232	13:36:00	D	2.60
49	JIND	NARWANA	S-NPP	76.17001	29.65075	13:36:00	D	5.80
50	JIND	NARWANA	S-NPP	76.16940	29.65416	13:36:00	D	5.80
51	JIND	NARWANA	S-NPP	76.16576	29.67457	13:36:00	D	5.50
52	JIND	SAFIDON	S-NPP	76.57326	29.28843	13:36:00	D	7.70
53	JIND	SAFIDON	S-NPP	76.57527	29.36148	13:36:00	D	4.30
54	JIND	SAFIDON	S-NPP	76.59814	29.40681	13:36:00	D	19.70
55	JIND	SAFIDON	S-NPP	76.61035	29.46663	13:36:00	D	4.70
56	KAITHAL	GUHLA	S-NPP	76.20379	29.90963	13:36:00	D	1.60
57	KAITHAL	GUHLA	S-NPP	76.24053	29.92822	13:36:00	D	11.80
58	KAITHAL	GUHLA	S-NPP	76.42533	29.94344	13:36:00	D	3.30
59	KAITHAL	GUHLA	S-NPP	76.19923	29.96460	13:36:00	D	1.90
60	KAITHAL	GUHLA	AQUA	76.21000	29.97300	14:20:00	D	39.70
61	KAITHAL	GUHLA	S-NPP	76.20590	29.97600	13:36:00	D	1.60
62	KAITHAL	GUHLA	S-NPP	76.32168	29.98819	13:36:00	D	5.40
63	KAITHAL	GUHLA	S-NPP	76.23826	29.99317	02:18:00	N	0.50

64	KAITHAL	GUHLA	S-NPP	76.33090	30.01050	13:36:00	D	2.30
65	KAITHAL	GUHLA	S-NPP	76.42303	30.01240	13:36:00	D	1.50
66	KAITHAL	GUHLA	S-NPP	76.27434	30.08593	13:36:00	D	5.90
67	KAITHAL	GUHLA	S-NPP	76.33930	30.09118	13:36:00	D	3.20
68	KAITHAL	GUHLA	S-NPP	76.45649	30.10336	13:36:00	D	4.20
69	KAITHAL	GUHLA	S-NPP	76.43552	30.12170	13:36:00	D	4.00
70	KAITHAL	KAITHAL	S-NPP	76.45924	29.55790	13:36:00	D	2.30
71	KAITHAL	KAITHAL	S-NPP	76.48978	29.55849	13:36:00	D	1.40
72	KAITHAL	KAITHAL	TERRA	76.45600	29.56200	11:10:00	D	8.60
73	KAITHAL	KAITHAL	TERRA	76.35900	29.60400	11:10:00	D	12.00
74	KAITHAL	KAITHAL	S-NPP	76.59022	29.63892	13:36:00	D	11.90
75	KAITHAL	KAITHAL	S-NPP	76.30515	29.64474	13:36:00	D	2.60
76	KAITHAL	KAITHAL	S-NPP	76.45734	29.64769	13:36:00	D	3.00
77	KAITHAL	KAITHAL	S-NPP	76.42876	29.71058	13:36:00	D	2.10
78	KAITHAL	KAITHAL	S-NPP	76.59105	29.71490	13:36:00	D	2.50
79	KAITHAL	KAITHAL	S-NPP	76.62829	29.73049	13:36:00	D	4.60
80	KAITHAL	KAITHAL	S-NPP	76.62093	29.83046	13:36:00	D	4.90
81	KAITHAL	KAITHAL	S-NPP	76.59004	29.85459	13:36:00	D	2.20
82	KAITHAL	KAITHAL	S-NPP	76.29547	29.85915	13:36:00	D	2.40
83	KAITHAL	KAITHAL	S-NPP	76.29487	29.86257	13:36:00	D	4.00
84	KAITHAL	KAITHAL	S-NPP	76.27297	29.86311	13:36:00	D	6.20
85	KAITHAL	KAITHAL	S-NPP	76.66791	29.87699	13:36:00	D	2.40
86	KAITHAL	KAITHAL	S-NPP	76.26995	29.90471	13:36:00	D	8.90
87	KAITHAL	KAITHAL	S-NPP	76.35168	29.91234	13:36:00	D	3.20
88	KAITHAL	KAITHAL	S-NPP	76.27725	29.91271	13:36:00	D	3.40
89	KARNAL	ASSANDH	S-NPP	76.54837	29.46889	13:36:00	D	3.20
90	KARNAL	ASSANDH	S-NPP	76.56254	29.48840	13:36:00	D	2.10
91	KARNAL	ASSANDH	S-NPP	76.67274	29.48906	13:36:00	D	6.00
92	KARNAL	ASSANDH	S-NPP	76.55166	29.52565	13:36:00	D	2.10
93	KARNAL	ASSANDH	S-NPP	76.71465	29.55480	13:36:00	D	2.10
94	KARNAL	ASSANDH	S-NPP	76.56461	29.55793	13:36:00	D	3.70
95	KARNAL	ASSANDH	S-NPP	76.69874	29.57572	13:36:00	D	2.80
96	KARNAL	ASSANDH	S-NPP	76.69259	29.58552	13:36:00	D	3.60



97	KARNAL	ASSANDH	S-NPP	76.69199	29.58898	13:36:00	D	3.60
98	KARNAL	ASSANDH	S-NPP	76.72384	29.61090	13:36:00	D	2.30
99	KARNAL	ASSANDH	S-NPP	76.58086	29.61650	13:36:00	D	2.30
100	KARNAL	ASSANDH	S-NPP	76.73076	29.62245	13:36:00	D	1.70
101	KARNAL	INDRI	S-NPP	77.01919	29.85448	13:36:00	D	2.10
102	KARNAL	INDRI	TERRA	76.99800	29.90600	11:10:00	D	6.00
103	KARNAL	INDRI	S-NPP	77.13183	29.93684	13:36:00	D	2.70
104	KARNAL	KARNAL	S-NPP	76.81192	29.61904	13:36:00	D	27.80
105	KARNAL	KARNAL	S-NPP	76.81892	29.63062	13:36:00	D	5.80
106	KARNAL	KARNAL	S-NPP	76.85352	29.63876	13:36:00	D	8.10
107	KARNAL	KARNAL	S-NPP	76.80395	29.63930	13:36:00	D	3.30
108	KARNAL	KARNAL	S-NPP	76.70933	29.67403	13:36:00	D	4.60
109	KARNAL	KARNAL	S-NPP	76.70215	29.77396	13:36:00	D	14.70
110	KARNAL	NILOKHERI	S-NPP	76.73480	29.87051	13:36:00	D	3.00
111	KURUKSHETRA	PEHOWA	S-NPP	76.48564	29.92696	13:36:00	D	5.10
112	KURUKSHETRA	PEHOWA	S-NPP	76.48996	29.92754	13:36:00	D	5.10
113	KURUKSHETRA	PEHOWA	TERRA	76.76300	29.94100	11:10:00	D	5.30
114	KURUKSHETRA	PEHOWA	S-NPP	76.51232	29.95172	13:36:00	D	2.10
115	KURUKSHETRA	PEHOWA	TERRA	76.49200	29.95300	11:10:00	D	9.20
116	KURUKSHETRA	PEHOWA	S-NPP	76.64912	29.95953	13:36:00	D	4.70
117	KURUKSHETRA	PEHOWA	S-NPP	76.65608	29.97110	13:36:00	D	3.00
118	KURUKSHETRA	PEHOWA	S-NPP	76.61551	29.97272	13:36:00	D	2.40
119	KURUKSHETRA	PEHOWA	TERRA	76.68400	29.99000	11:10:00	D	5.00
120	KURUKSHETRA	PEHOWA	S-NPP	76.45638	30.02393	13:36:00	D	12.10
121	KURUKSHETRA	PEHOWA	S-NPP	76.62418	30.03223	13:36:00	D	1.90
122	KURUKSHETRA	PEHOWA	S-NPP	76.46323	30.03543	13:36:00	D	3.70
123	KURUKSHETRA	PEHOWA	S-NPP	76.46262	30.03887	13:36:00	D	3.70
124	KURUKSHETRA	PEHOWA	S-NPP	76.70822	30.09759	13:36:00	D	3.00
125	KURUKSHETRA	SHAHABAD	S-NPP	76.75354	30.14976	13:36:00	D	1.70
126	KURUKSHETRA	SHAHABAD	TERRA	76.77300	30.17000	11:10:00	D	6.80
127	KURUKSHETRA	SHAHABAD	S-NPP	76.89278	30.18944	13:36:00	D	2.10
128	KURUKSHETRA	THANESAR	TERRA	76.75200	29.94300	11:10:00	D	5.10
129	KURUKSHETRA	THANESAR	TERRA	76.72800	30.00200	11:10:00	D	5.80

130	KURUKSHETRA	THANESAR	TERRA	76.71300	30.06000	11:10:00	D	14.00
131	KURUKSHETRA	THANESAR	TERRA	76.68300	30.06400	11:10:00	D	14.20
132	KURUKSHETRA	THANESAR	S-NPP	76.72111	30.06996	13:36:00	D	3.70
133	KURUKSHETRA	THANESAR	TERRA	77.06300	30.07200	11:10:00	D	6.20
134	KURUKSHETRA	THANESAR	S-NPP	76.82183	30.12301	13:36:00	D	2.20
135	PALWAL	HODAL	S-NPP	77.43317	27.91990	13:36:00	D	7.60
136	PANCHKULA	PANCHKULA	S-NPP	76.96810	30.53308	13:36:00	D	2.30
137	SIRSA	SIRSA	METOP-2	75.09444	29.49940	20:18:00	N	7.00
138	SIRSA	SIRSA	S-NPP	75.17393	29.56400	13:36:00	D	1.90
139	SIRSA	SIRSA	S-NPP	75.18425	29.64067	13:36:00	D	4.00
140	SIRSA	SIRSA	S-NPP	75.18639	29.65123	13:36:00	D	3.90
141	SIRSA	SIRSA	TERRA	75.19500	29.72000	11:10:00	D	16.90
142	SIRSA	SIRSA	S-NPP	75.19713	29.72995	13:36:00	D	4.30
143	SONIPAT	GOHANA	S-NPP	76.57086	29.14892	13:36:00	D	1.80
144	SONIPAT	GOHANA	S-NPP	76.65034	29.19483	13:36:00	D	2.30
145	SONIPAT	GOHANA	S-NPP	76.57917	29.22947	13:36:00	D	4.10
146	YAMUNANAGAR	CHHACHHRAULII	TERRA	77.47600	30.25000	11:10:00	D	4.60
147	YAMUNANAGAR	JAGADHRI	S-NPP	77.21429	30.00152	13:36:00	D	2.30
148	YAMUNANAGAR	JAGADHRI	S-NPP	77.16832	30.02449	13:36:00	D	3.00
149	YAMUNANAGAR	JAGADHRI	S-NPP	77.29353	30.06250	13:36:00	D	2.20
150	YAMUNANAGAR	JAGADHRI	S-NPP	77.29470	30.06510	13:36:00	D	3.20
151	YAMUNANAGAR	JAGADHRI	S-NPP	77.18045	30.07239	13:36:00	D	3.90
152	YAMUNANAGAR	JAGADHRI	S-NPP	77.17867	30.08300	13:36:00	D	1.60
153	YAMUNANAGAR	JAGADHRI	S-NPP	77.35364	30.16714	13:36:00	D	2.20
154	YAMUNANAGAR	JAGADHRI	S-NPP	77.17259	30.18239	13:36:00	D	6.90
155	YAMUNANAGAR	JAGADHRI	S-NPP	77.13626	30.20305	13:36:00	D	2.10
156	YAMUNANAGAR	JAGADHRI	S-NPP	77.13746	30.26035	13:36:00	D	2.20
157	YAMUNANAGAR	JAGADHRI	S-NPP	77.18544	30.33885	13:36:00	D	6.80

**Details of residue burning events in Uttar Pradesh on 22-Oct-2020**

S. No.	District	Tehsil / Block	Satellite	Longitude	Latitude	Time (IST)	Day / Night	Fire Power (W/m <sup>2</sup> )
1	ALIGARH	GABHANA	S-NPP	77.94636	28.01869	13:36:00	D	2.30
2	BAREILLY	BAHERI	S-NPP	79.48779	28.84977	02:18:00	N	1.20
3	BAREILLY	BAHERI	S-NPP	79.48350	28.85066	02:18:00	N	1.60
4	BIJNOR	AFZALGARH	METOP-2	78.72443	29.39161	20:18:00	N	7.00
5	ETAWAH	BHARTHNA	S-NPP	79.22904	26.96745	02:18:00	N	0.50
6	FATEHPUR	BINKI	S-NPP	80.63639	25.91075	13:36:00	D	11.40
7	GAUTAMBUDHNAGAR	JEVAR	S-NPP	77.69784	28.22031	13:36:00	D	4.00
8	HAPUR	HAPUR	TERRA	77.91300	28.82400	11:10:00	D	5.30
9	HARDOI	BILGRAM	S-NPP	80.10933	27.13433	13:36:00	D	6.30
10	JHANSI	JHANSI	S-NPP	78.72044	25.50997	13:36:00	D	4.70
11	JHANSI	JHANSI	S-NPP	78.71722	25.51043	13:36:00	D	4.70
12	JHANSI	MOTH	S-NPP	78.87646	25.78327	02:18:00	N	0.50
13	JHANSI	MOTH	S-NPP	78.87934	25.78478	02:18:00	N	0.80
14	JHANSI	MOTH	S-NPP	78.85206	25.82409	13:36:00	D	2.10
15	KHERI	MOHMADI	S-NPP	80.30779	28.11547	13:36:00	D	4.80
16	KHERI	PALIA KALAN	S-NPP	80.67076	28.58405	02:18:00	N	1.80
17	MAHOBA	KULPAHAR	S-NPP	79.38777	25.40154	13:36:00	D	2.80
18	MAHOBA	KULPAHAR	S-NPP	79.37572	25.41525	13:36:00	D	6.30
19	MORADABAD	BILARI	S-NPP	78.82187	28.59021	13:36:00	D	5.60
20	RAMPUR	BILASPUR	S-NPP	79.29247	28.83628	02:18:00	N	0.40
21	RAMPUR	BILASPUR	S-NPP	79.35594	28.89435	02:18:00	N	0.60
22	RAMPUR	BILASPUR	S-NPP	79.36970	28.89584	02:18:00	N	0.50
23	RAMPUR	BILASPUR	S-NPP	79.35703	28.89844	02:18:00	N	0.60
24	RAMPUR	BILASPUR	S-NPP	79.40843	28.91739	13:36:00	D	8.40
25	RAMPUR	BILASPUR	S-NPP	79.41092	28.91771	13:36:00	D	16.10
26	RAMPUR	BILASPUR	S-NPP	79.41402	28.91802	13:36:00	D	8.40
27	RAMPUR	BILASPUR	S-NPP	79.41650	28.91837	13:36:00	D	3.90
28	RAMPUR	BILASPUR	METOP-1	79.27766	28.93347	21:33:00	N	8.00
29	SHARANPUR	NAKUR	S-NPP	77.32749	29.84694	13:36:00	D	3.10
30	SHARANPUR	NAKUR	S-NPP	77.32571	29.84772	13:36:00	D	2.80

31	SHARANPUR	NAKUR	TERRA	77.30900	29.98000	11:10:00	D	4.20
32	SHARANPUR	NAKUR	TERRA	77.31000	29.98900	11:10:00	D	8.60
33	SITAPUR	MAHMUDABAD	S-NPP	81.15643	27.38846	13:36:00	D	3.10
34	UNNAO	UNNAO	S-NPP	80.58576	26.48971	13:36:00	D	2.60
35	UNNAO	UNNAO	S-NPP	80.58515	26.48983	13:36:00	D	2.70

**The study used images received from following Satellites at IARI Satellite 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
4.	NOAA – 18	AVHRR	1000	Night
5.	NOAA – 19	AVHRR	1000	Night
6.	Metop - 1	AVHRR	1000	Night
7.	Metop - 2	AVHRR	1000	Night

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Softcopy of this report and latest statistics can be seen on <http://creams.iari.res.in>

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

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

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