

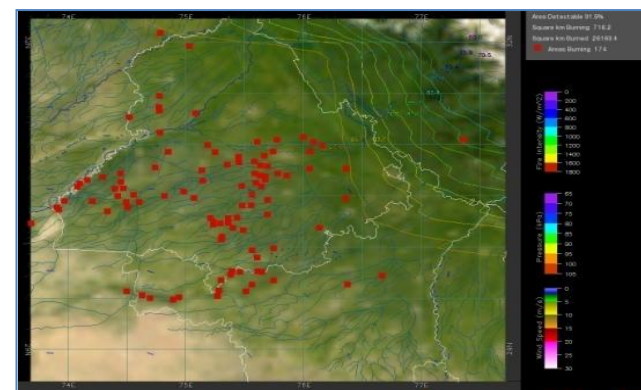
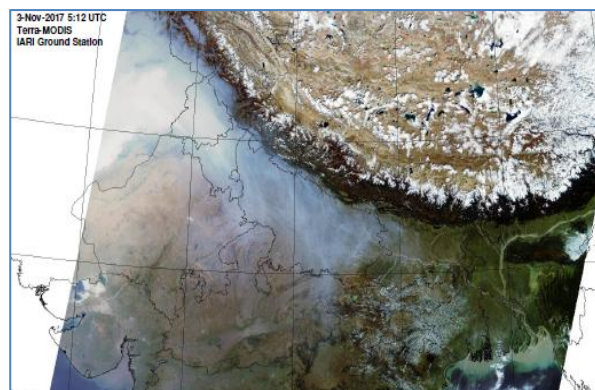


MONITORING PADDY RESIDUE BURNING IN NORTH INDIA USING SATELLITE REMOTE SENSING DURING 2018

**Bulletin
No. 49**

**Events Date:
18-Nov-2018**

**Issued on:
19-Nov-2018**



Prepared by:

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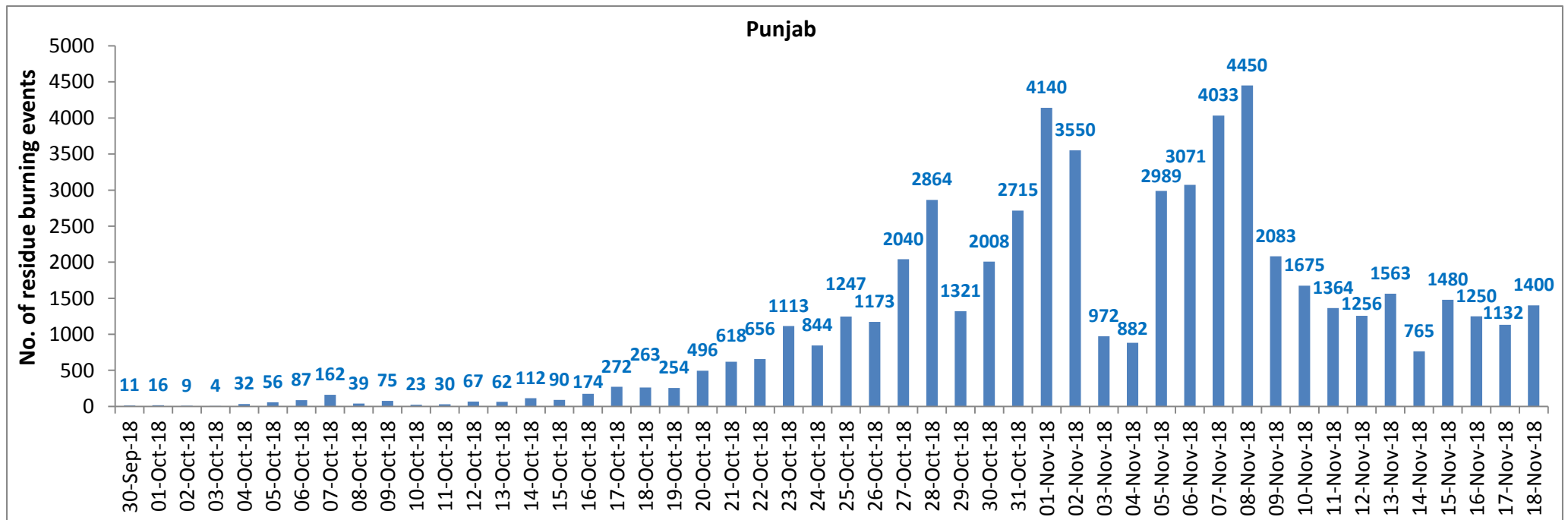
<http://creams.iari.res.in>



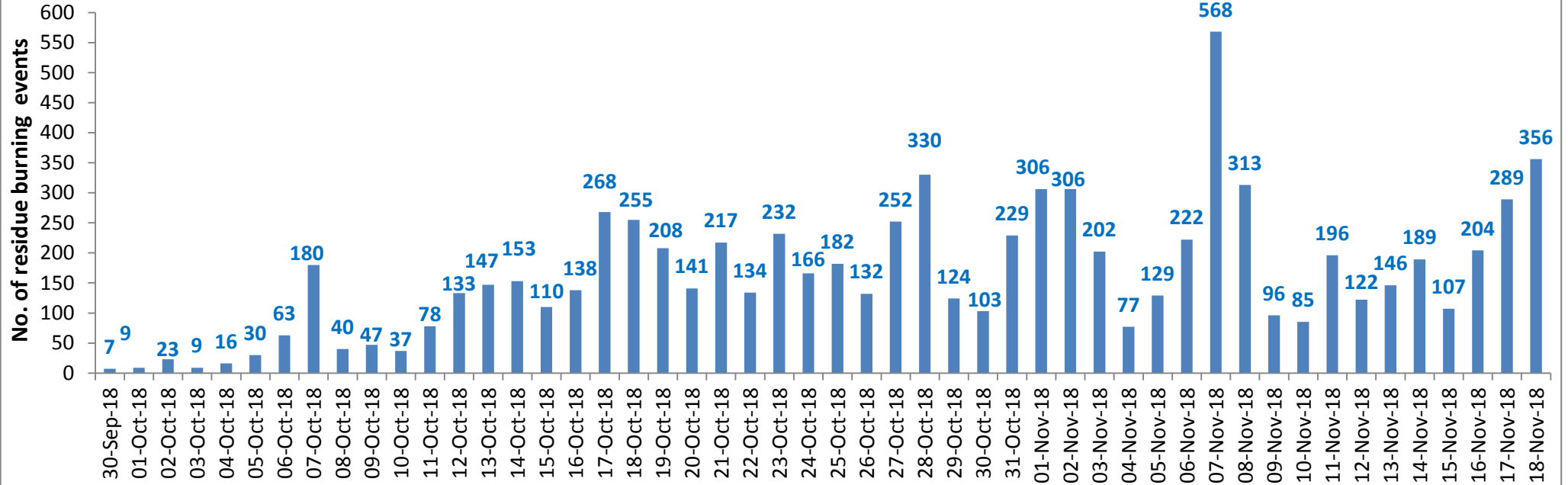
Highlights for 18-November-2018

- Satellites detected **1867** residue burning events in the three States (Punjab, Haryana & UP) on **18-Nov-2018**.
- The burning events detected on **18-Nov-2018** are **1400**, **356** and **111** in Punjab, Haryana, and UP, respectively.
- The number of events has increased from **1524** on **17-Nov-2018** to **1867** on **18-Nov-2018** in the three States.
- Total **70365** burning events were detected in the three States between **30-Sept-2018** and **18-Nov-2018**, which are distributed as **56988**, **8106** and **5271** in Punjab, Haryana and UP, respectively.
- Till **18-Nov-2018**, the burning events in the current year are about **94.3%** of the events detected in 2017 and about **56.6%** of the events detected in 2016.
- Overall, about **6%** and **44%** reduction in burning events are observed in current year (2018) till date as compared to that in 2017 and 2016, respectively.

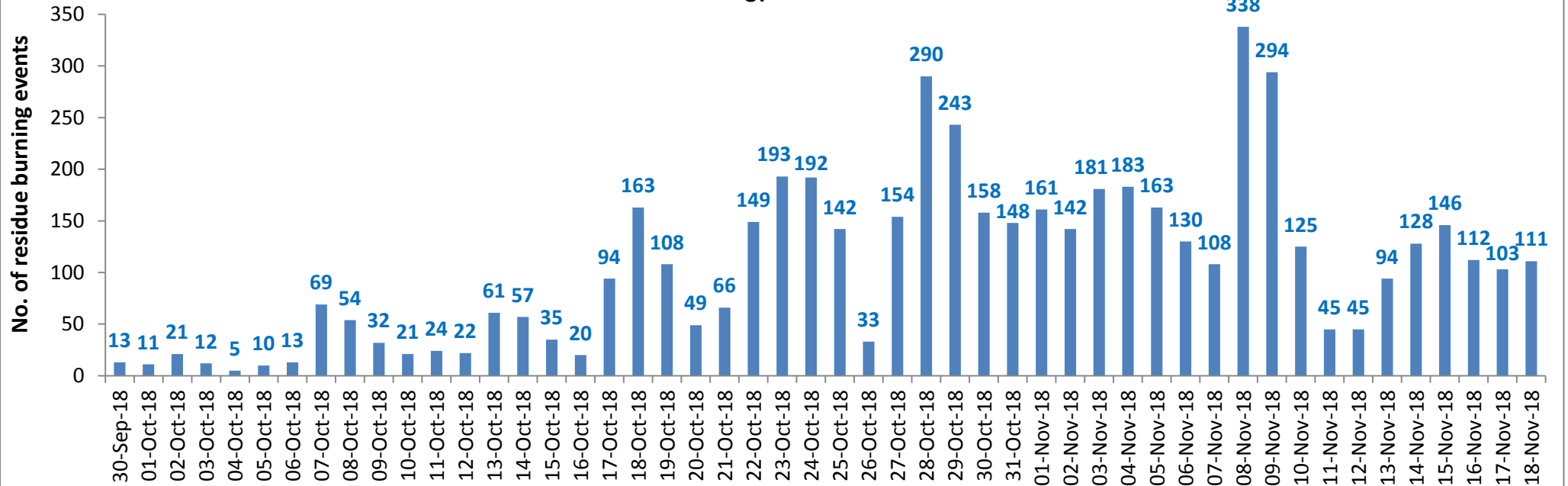
Temporal distribution of residue burning events for the three study States



Haryana

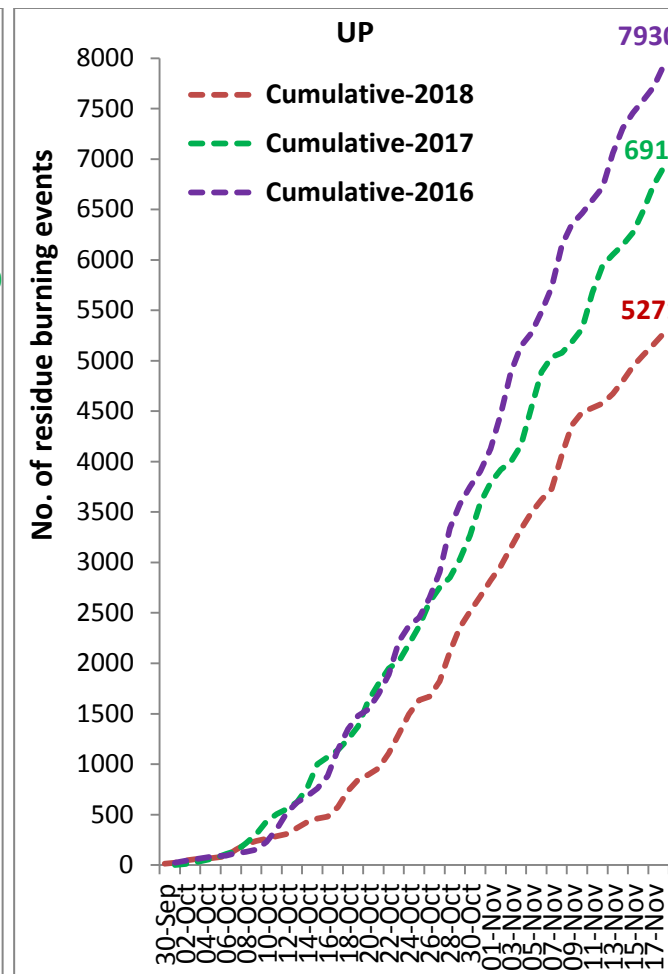
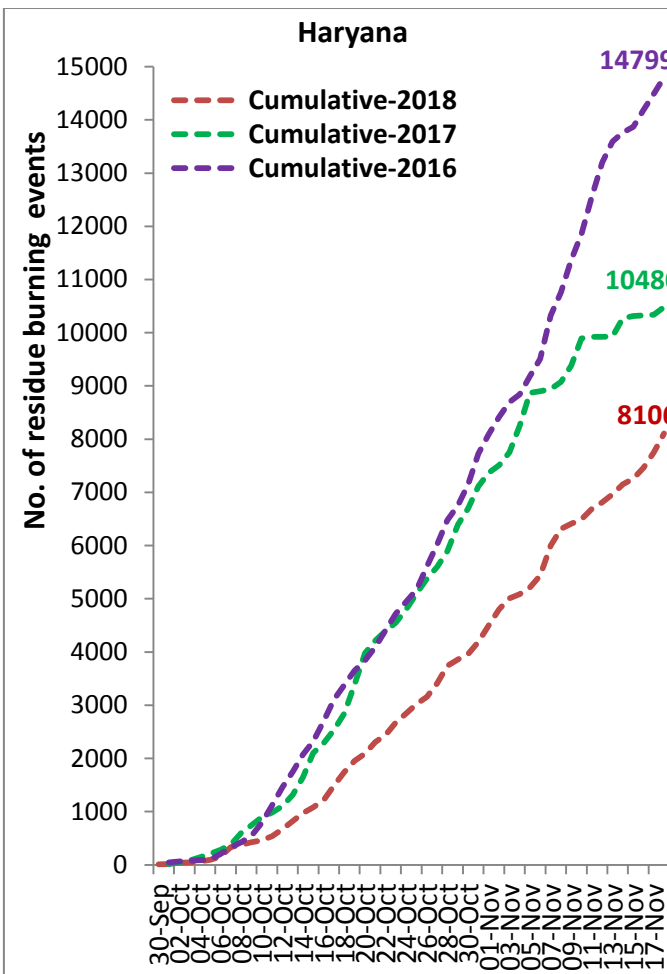
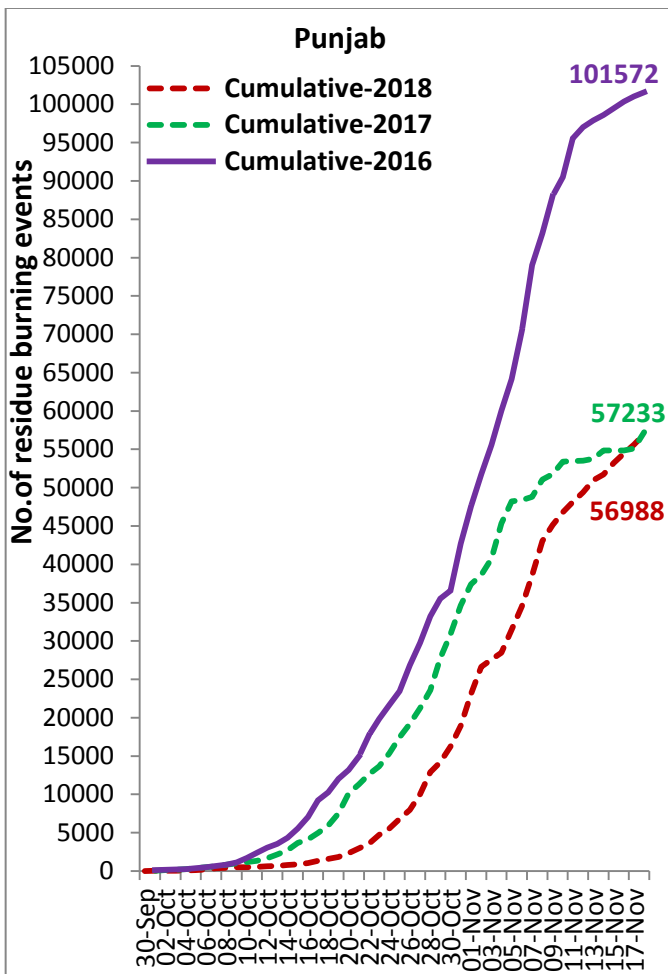


UP

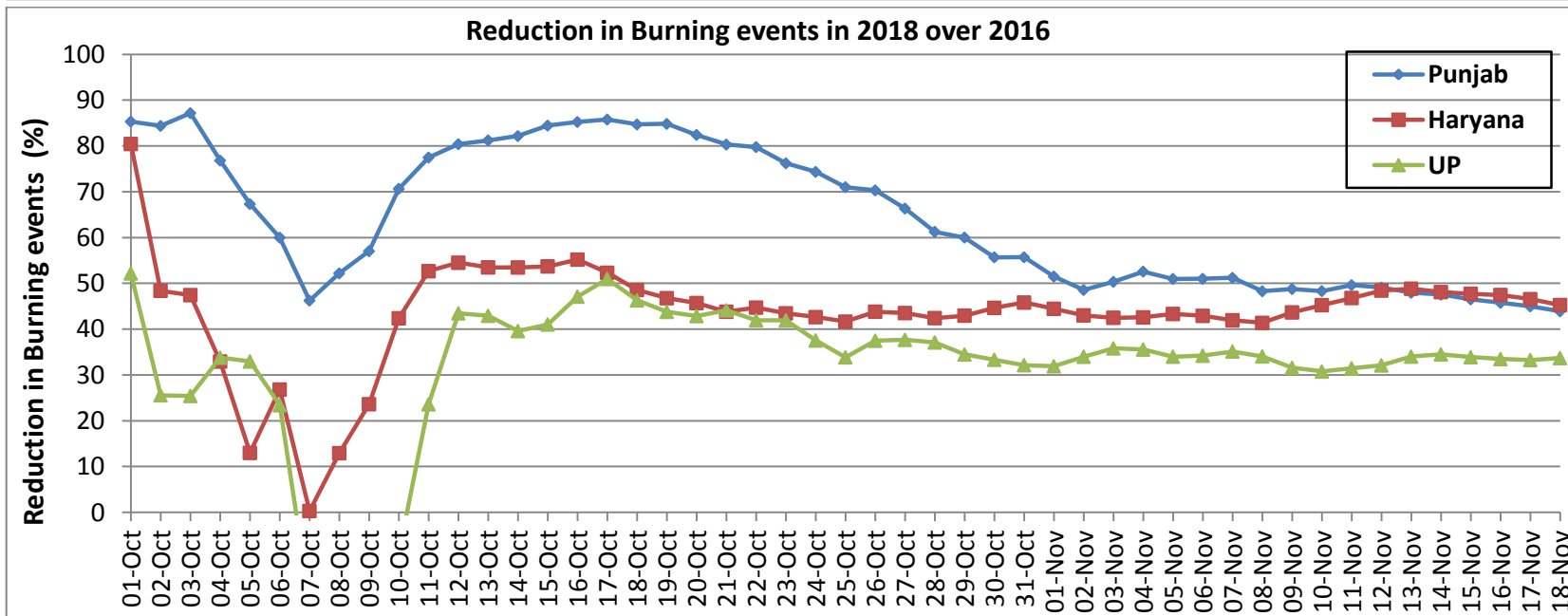
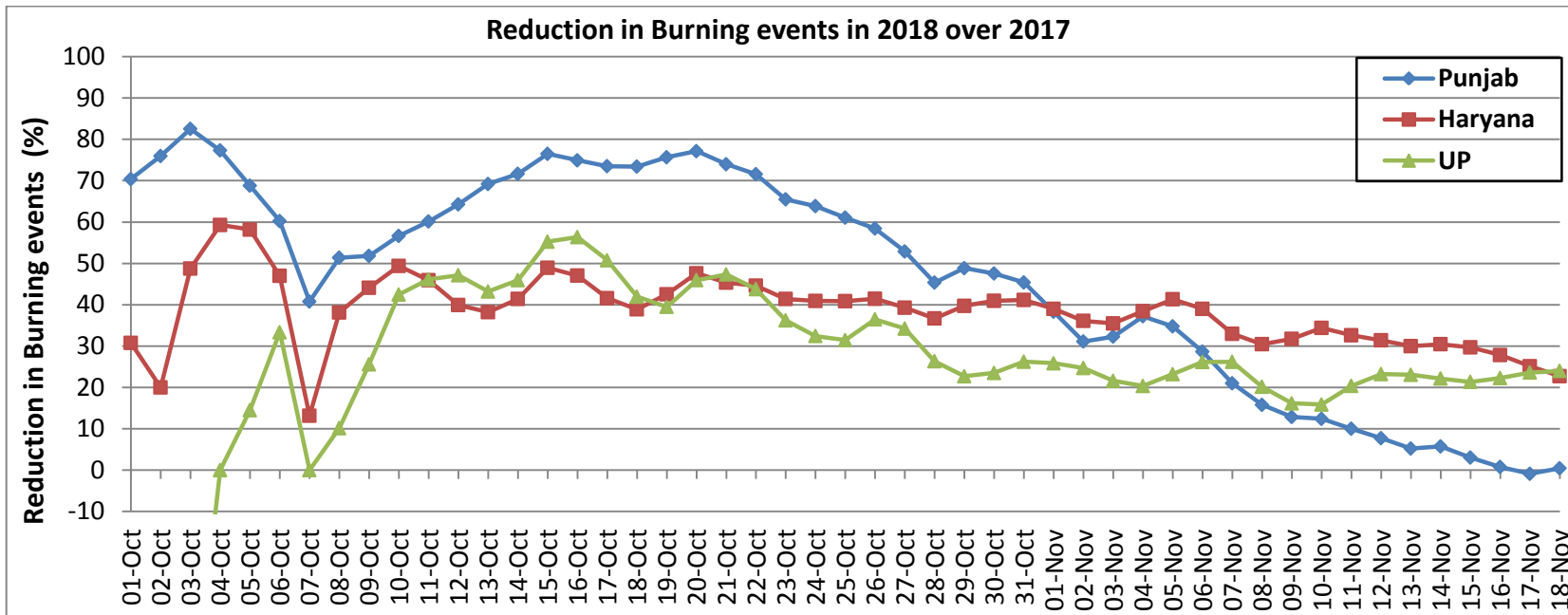


Comparison of residue burning events in current year (2018) with previous years (2017& 2016) for the three study States

(30-Sep to 18-Nov)

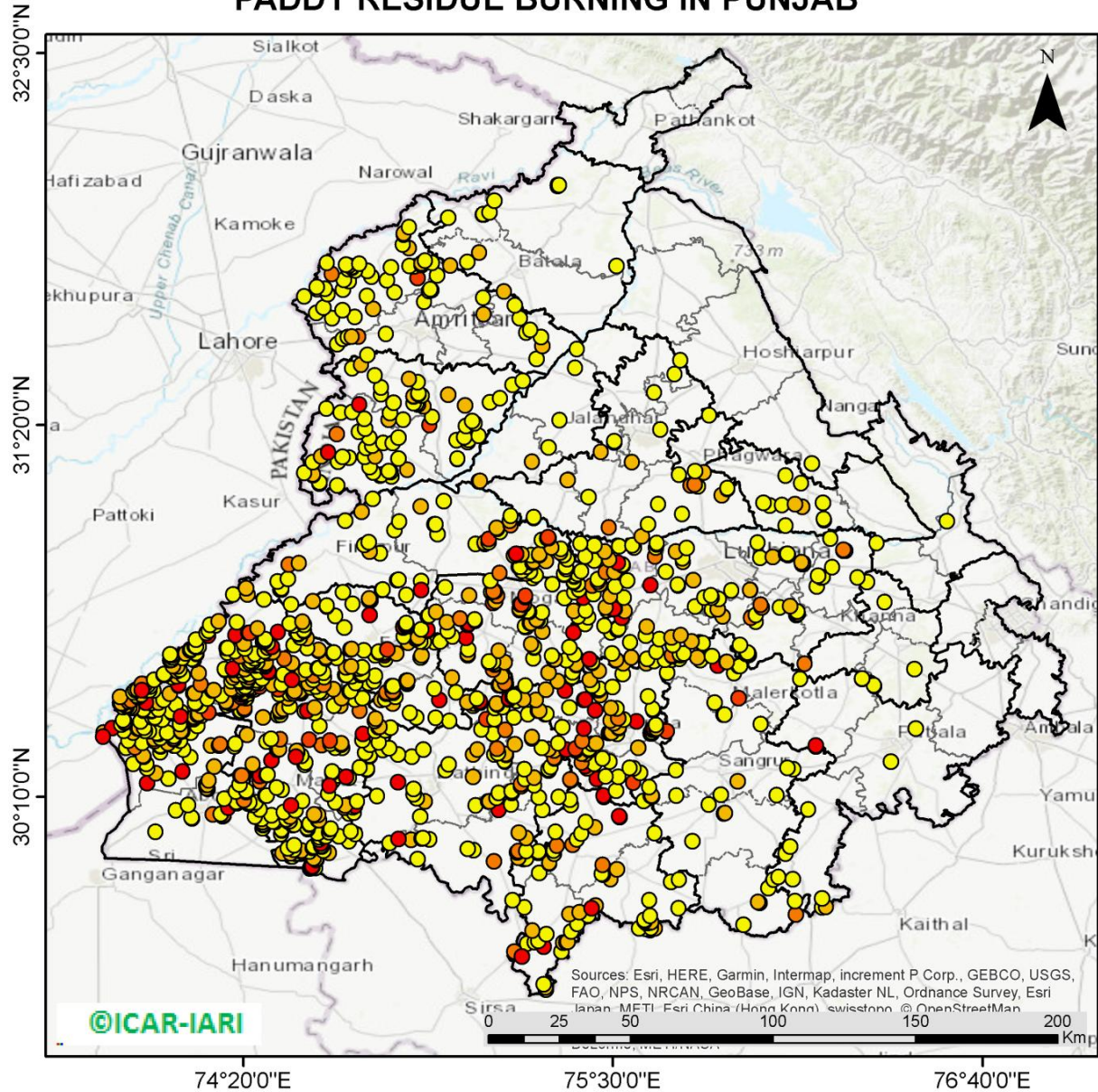


Percent Reduction in Burning events in 2018 over 2017 and 2016 (Daily Cumulative)



(a) Punjab

PADDY RESIDUE BURNING IN PUNJAB



1400 burning events detected in Punjab on 18th November, 2018

Fire Intensity (W/m²)

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

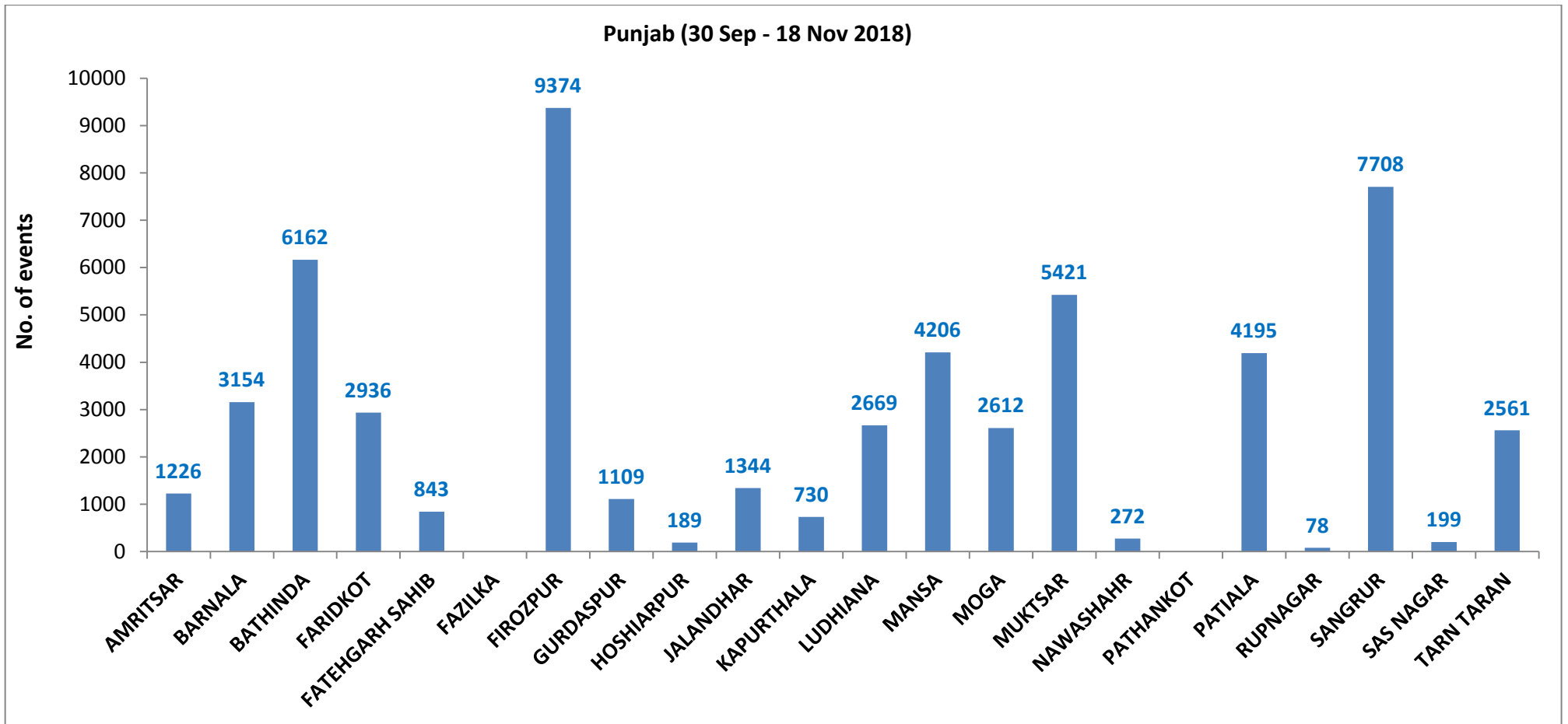
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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, CC-BY, Imagery © Mapbox



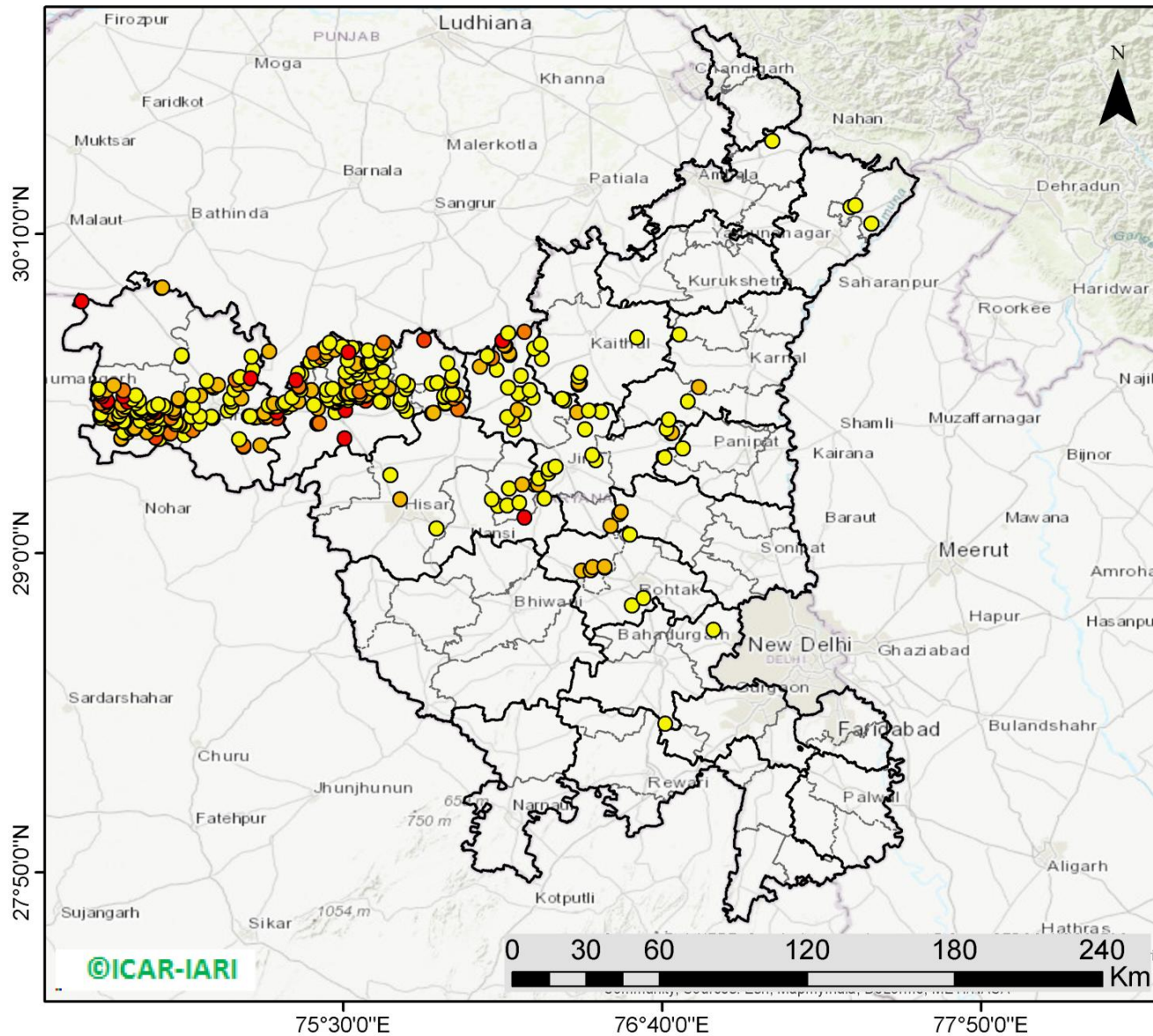
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residue burning events in Punjab (30-Sep-2018 to 18-Nov-2018)



(b) Haryana

PADDY RESIDUE BURNING IN HARYANA



356 burning events detected in Haryana on **18th November, 2018**

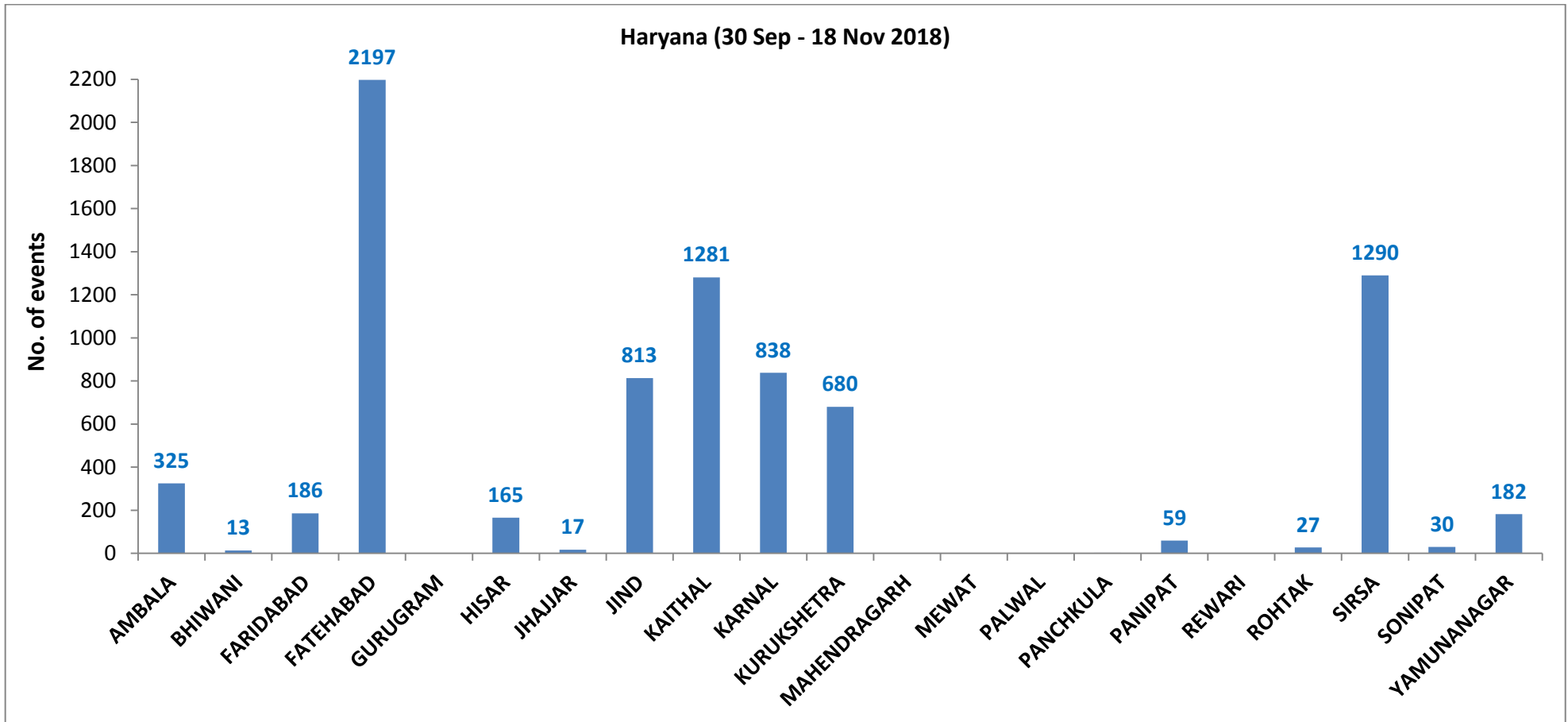
Fire Intensity (W/m²)

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



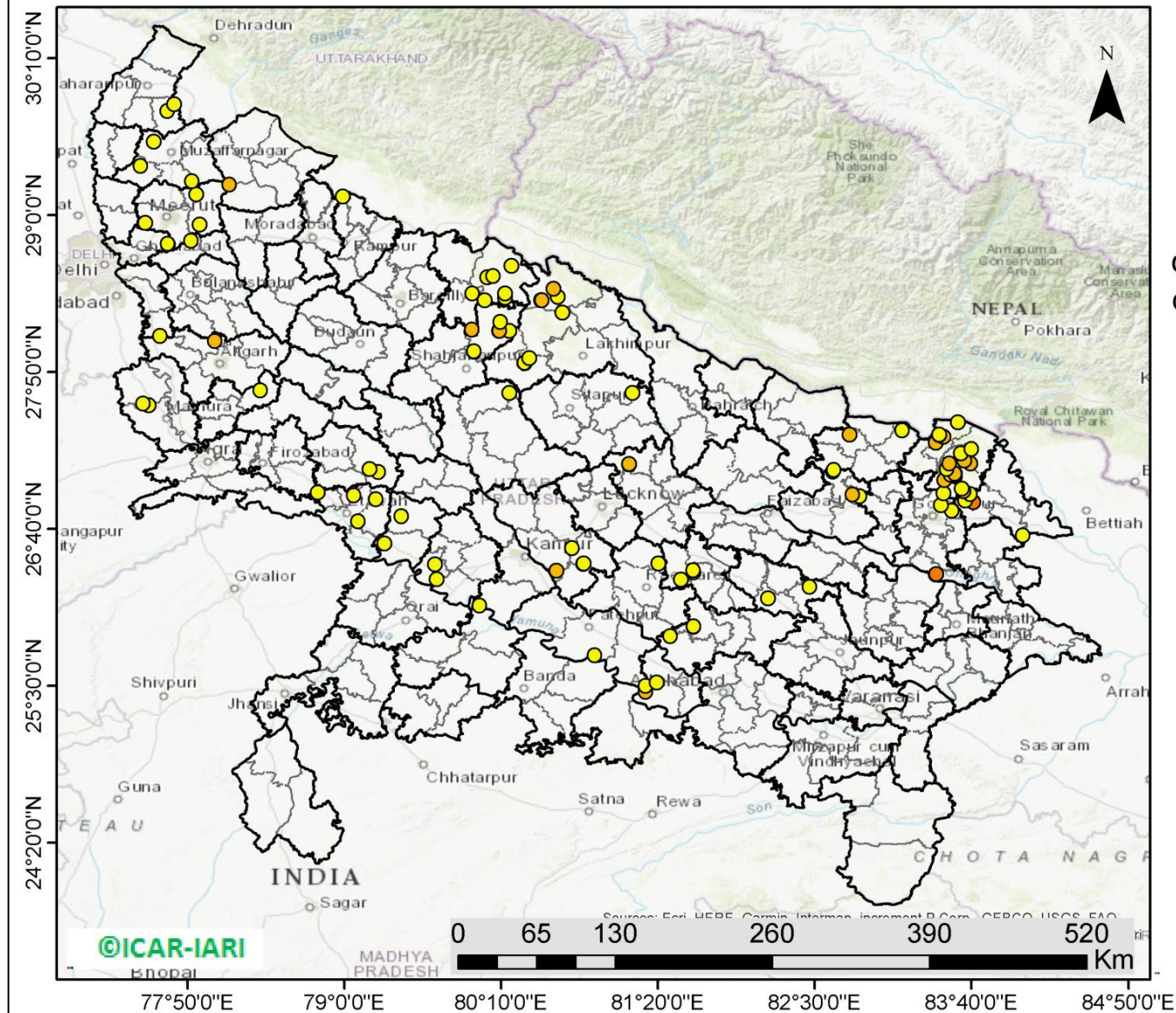
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District-wise cumulative number of residue burning events in Haryana (30-Sep-2018 to 18-Nov-2018)



(c) Uttar Pradesh

PADDY RESIDUE BURNING IN UTTAR PRADESH



111 burning events detected in Uttar Pradesh on **18th Nov, 2018**

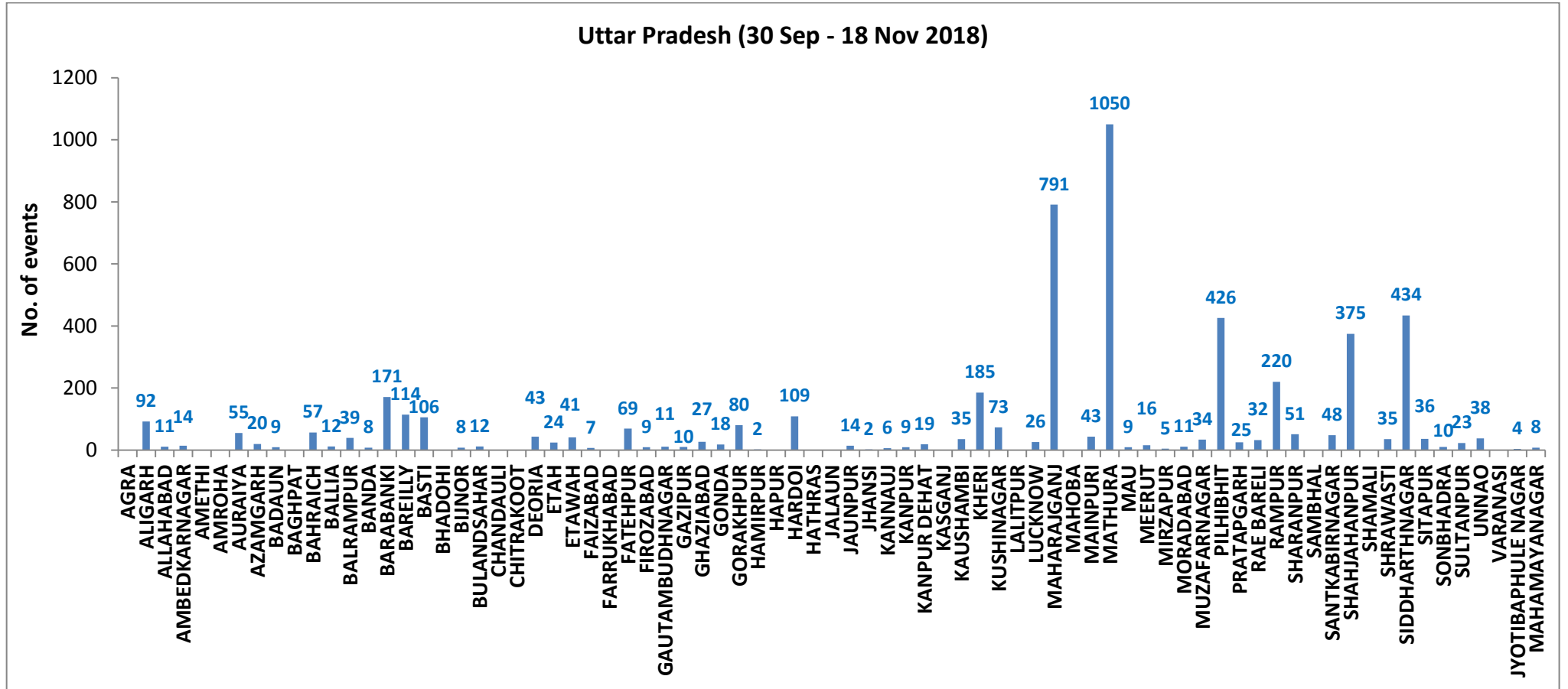
Fire Intensity (W/m²)

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



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

District-wise cumulative number of residue burning events in Uttar Pradesh (30-Sep-2018 to 18-Nov-2018)



State wise, date wise and district-wise number of residue burning events detected in 2016, 2017 and 2018
(Period: 30-Sep to 18-Nov)

Date	Punjab			Haryana			UP			Total		
	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018
30-Sep	--	--	11	--	---	7	--	---	13	--	---	31
1-Oct	109	54	16	46	13	9	23	2	11	178	69	36
2-Oct	51	50	9	16	27	23	20	8	21	87	85	53
3-Oct	66	62	4	16	40	9	16	17	12	98	119	25
4-Oct	37	103	32	7	60	16	15	22	5	59	185	53
5-Oct	95	106	56	15	68	30	14	20	10	124	194	96
6-Oct	152	138	87	105	75	65	6	39	13	263	252	165
7-Oct	171	105	162	126	97	180	24	31	69	321	233	411
8-Oct	166	215	39	94	218	40	14	75	54	274	508	133
9-Oct	270	163	75	121	148	47	22	87	32	413	398	154
10-Oct	597	164	23	242	151	37	74	126	21	913	441	81
11-Oct	652	177	30	336	87	78	128	74	24	1116	338	132
12-Oct	694	342	67	338	123	133	164	51	22	1196	516	222
13-Oct	467	470	62	284	207	147	102	69	61	853	746	270
14-Oct	812	582	112	328	333	153	60	137	57	1200	1052	322
15-Oct	1215	943	90	248	458	110	76	237	35	1539	1638	235
16-Oct	1478	465	174	385	186	138	125	71	20	1988	722	332
17-Oct	2173	807	272	399	244	268	261	69	94	2833	1120	634
18-Oct	1065	970	263	270	306	255	204	108	163	1539	1384	681
19-Oct	1762	1591	254	276	541	208	132	128	108	2170	2260	570
20-Oct	1175	2653	496	188	597	141	62	255	49	1425	3505	686
21-Oct	1726	1139	618	257	233	217	152	168	66	2135	1540	901
22-Oct	2837	1356	656	309	186	134	194	151	149	3340	1693	939
23-Oct	2040	994	1113	313	155	232	331	72	193	2684	1221	1538

24-Oct	1836	1714	844	221	244	166	152	171	192	2209	2129	1202
25-Oct	1813	2104	1247	229	303	182	83	175	142	2125	2582	1571
26-Oct	3390	1715	1173	434	276	132	195	240	33	4019	2231	1338
27-Oct	2904	2069	2040	417	224	252	255	145	154	3576	2438	2446
28-Oct	3493	2318	2864	458	292	330	435	99	290	4386	2709	3484
29-Oct	2258	4184	1321	278	502	124	237	180	243	2773	4866	1688
30-Oct	1076	3152	2008	395	307	103	175	238	158	1646	3697	2269
31-Oct	6132	3743	2715	575	413	229	153	321	148	6860	4447	3092
01-Nov	4843	2736	4140	362	250	306	223	199	161	5628	3185	4607
02-Nov	4183	1246	3550	332	145	306	345	131	142	4860	1522	3998
03-Nov	3806	2109	972	275	240	202	409	75	181	4409	2424	1355
04-Nov	4477	4603	882	146	499	77	265	168	183	4888	5270	1142
05-Nov	4137	2876	2989	345	625	129	125	367	163	4607	3868	3281
06-Nov	6303	171	3071	322	26	222	215	357	130	6840	327	3423
07-Nov	8575	420	4033	821	46	568	244	149	108	9640	615	4709
08-Nov	4129	2256	4450	432	128	313	419	43	338	4874	2427	5101
09-Nov	4857	675	2083	608	311	96	205	107	294	5670	1093	2473
10-Nov	2468	1642	1675	484	509	85	109	131	125	3061	2282	1885
11-Nov	5040	103	1364	716	29	196	129	358	45	5885	490	1605
12-Nov	1477	33	1256	634	3	122	129	269	45	2240	305	1423
13-Nov	885	237	1563	389	7	146	338	109	94	1612	353	1803
14-Nov	692	1101	765	171	340	189	247	95	128	1110	1536	1082
15-Nov	871	5	1480	107	40	107	154	123	146	1132	168	1733
16-Nov	911	8	1250	318	17	204	123	218	112	1352	243	1566
17-Nov	638	217	1132	299	12	289	130	249	103	1067	478	1524
18-Nov	568	2147	1400	312	139	356	217	180	111	1097	2466	1867
Total	101572	57233	56988	14799	10480	8106	7930	6918	5271	124301	74631	70365

(a) Punjab

Districts	01 Oct - 18Nov		
	2016	2017	2018
AMRITSAR	2147	1220	1226
BARNALA	5683	2790	3154
BATHINDA	8795	4756	6162
FARIDKOT	4612	3018	2936
FATEHGARH SAHIB	2456	1611	843
FAZILKA	0	0	0
FIROZPUR	13361	7206	9374
GURDASPUR	2205	1508	1109
HOSHIARPUR	899	477	189
JALANDHAR	4652	1991	1344
KAPURTHALA	3131	1532	730
LUDHIANA	9465	3978	2669
MANSA	5596	4102	4206
MOGA	6388	1990	2612
MUKTSAR	6901	3824	5421
NAWASHAHR (SBS Nagar)	1355	657	272
PATHANKOT	0	0	0
PATIALA	6533	5010	4195
RUPNAGAR	713	326	78
SANGRUR	11846	8223	7708
SAS NAGAR	359	243	199
TARN TARAN	4475	2771	2561
Total	101572	57233	56988

(b) Haryana

Districts	01 Oct - 18Nov		
	2016	2017	2018
AMBALA	530	492	325
BHIWANI	72	27	13
FARIDABAD	283	341	186
FATEHABAD	4689	2990	2197
GURUGRAM	0	0	0
HISAR	361	161	165
JHAJJAR	28	15	17
JIND	837	901	813
KAITHAL	1746	1491	1281
KARNAL	1624	1484	838
KURUKSHETRA	1076	1141	680
MAHENDRAGARH	0	0	0
MEWAT	0	0	0
PALWAL	0	0	0
PANCHKULA	0	0	3
PANIPAT	79	75	59
REWARI	0	0	0
ROHTAK	81	53	27
SIRSA	3074	947	1290
SONIPAT	80	55	30
YAMUNANAGAR	239	307	182
Total	14799	10480	8106

(c) Uttar Pradesh

Distrites	01 Oct - 18Nov			GAUTAMBUDH NAGAR			RAE BARELI		
	2016	2017	2018						
AGRA	0	0	0	20	34	11	60	53	32
ALIGARH	51	75	92	13	8	10	614	614	220
ALLAHABAD	4	8	11	62	41	27	90	108	51
AMBEDKARNAGAR	63	27	14	44	33	18	0	0	0
AMETHI	0	0	0	49	94	80	52	59	48
AMROHA	0	0	0	0	0	2	1122	676	375
AURAIYA	201	165	55	0	0	0	0	0	0
AZAMGARH	27	26	20	232	189	109	32	29	35
BADAUN	6	6	9	0	0	0	225	165	434
BAGHPAT	0	0	0	0	0	0	109	69	36
BAHRAICH	61	39	57	0	0	0	14	10	10
BALLIA	11	19	12	0	0	0	43	24	23
BALRAMPUR	29	27	39	13	11	14	53	45	38
BANDA	2	14	8	0	0	2	1	0	0
BARABANKI	208	150	171	26	14	6	10	0	0
BAREILLY	237	198	114	10	7	9	10	13	4
BASTI	131	178	106	39	46	19	2	2	8
BHADOHI	0	0	0	0	0	0	7930	6918	5271
BIJNOR	44	37	8	16	36	35			
BULANDSAHAR	22	28	12	399	251	185			
CHANDAULI	3	4	0	33	82	73			
CHITRAKOOT	0	0	0	0	0	0			
DEORIA	44	50	43	57	30	26			
ETAH	17	28	24	443	801	791			
ETAWAH	109	95	41	0	0	0			
FAIZABAD	12	9	7	0	0	0			
FARRUKHABAD	0	0	0	74	82	43			
FATEHPUR	51	36	69	1439	1082	1050			
FIROZABAD	23	18	9	10	8	9			
				62	65	16			
				3	12	5			
				44	32	11			
				113	114	34			
				921	708	426			
				25	34	25			

Details of residue burning events in Punjab on 18-Nov-2018

Event S. No.	District	Tehsil/Block	Satellite	Longitude	Latitude	Time (IST)	Day/Night	Fire Power (W/m²)
1	AMRITSAR	AJNALA	S-NPP	74.61305	31.66931	13:36:00	D	1.50
2	AMRITSAR	AJNALA	S-NPP	74.68424	31.67267	13:36:00	D	1.70
3	AMRITSAR	AJNALA	S-NPP	74.56337	31.68609	13:36:00	D	2.20
4	AMRITSAR	AJNALA	S-NPP	74.64614	31.69460	13:36:00	D	3.50
5	AMRITSAR	AJNALA	S-NPP	74.74281	31.69817	13:36:00	D	6.70
6	AMRITSAR	AJNALA	S-NPP	74.58539	31.70295	13:36:00	D	3.80
7	AMRITSAR	AJNALA	S-NPP	74.52436	31.73755	13:36:00	D	2.90
8	AMRITSAR	AJNALA	S-NPP	74.72289	31.73852	13:36:00	D	2.50
9	AMRITSAR	AJNALA	S-NPP	74.59890	31.74482	13:36:00	D	4.30
10	AMRITSAR	AJNALA	S-NPP	74.80973	31.75080	13:36:00	D	2.10
11	AMRITSAR	AJNALA	S-NPP	74.64698	31.75854	13:36:00	D	2.20
12	AMRITSAR	AJNALA	S-NPP	74.56623	31.76066	13:36:00	D	6.60
13	AMRITSAR	AJNALA	S-NPP	74.59154	31.76088	13:36:00	D	2.10
14	AMRITSAR	AJNALA	S-NPP	74.56493	31.76731	13:36:00	D	4.10
15	AMRITSAR	AJNALA	S-NPP	74.66714	31.78539	13:36:00	D	2.30
16	AMRITSAR	AJNALA	S-NPP	74.78542	31.78853	13:36:00	D	1.50
17	AMRITSAR	AJNALA	S-NPP	74.64937	31.78970	13:36:00	D	1.90
18	AMRITSAR	AJNALA	S-NPP	74.88213	31.79534	13:36:00	D	15.10
19	AMRITSAR	AJNALA	S-NPP	74.73667	31.79875	13:36:00	D	2.20
20	AMRITSAR	AJNALA	S-NPP	74.61188	31.80828	13:36:00	D	13.00
21	AMRITSAR	AJNALA	S-NPP	74.72452	31.81759	13:36:00	D	2.40
22	AMRITSAR	AJNALA	S-NPP	74.68606	31.81894	13:36:00	D	1.20
23	AMRITSAR	AJNALA	S-NPP	74.66413	31.82265	13:36:00	D	1.60
24	AMRITSAR	AJNALA	S-NPP	74.67586	31.82776	13:36:00	D	1.50
25	AMRITSAR	AJNALA	S-NPP	74.79903	31.82822	13:36:00	D	2.20
26	AMRITSAR	AJNALA	S-NPP	74.67587	31.82945	13:36:00	D	1.80
27	AMRITSAR	AJNALA	S-NPP	74.87089	31.83156	13:36:00	D	1.40
28	AMRITSAR	AJNALA	S-NPP	74.85778	31.83314	13:36:00	D	2.30

29	AMRITSAR	AJNALA	S-NPP	74.66631	31.83495	13:36:00	D	8.40
30	AMRITSAR	AJNALA	S-NPP	74.89585	31.83509	13:36:00	D	4.10
31	AMRITSAR	AJNALA	S-NPP	74.65741	31.83711	13:36:00	D	2.90
32	AMRITSAR	AJNALA	S-NPP	74.69936	31.83963	13:36:00	D	1.30
33	AMRITSAR	AJNALA	S-NPP	74.89457	31.84179	13:36:00	D	6.00
34	AMRITSAR	AJNALA	S-NPP	74.59709	31.84221	13:36:00	D	2.90
35	AMRITSAR	AJNALA	S-NPP	74.92854	31.84315	13:36:00	D	1.60
36	AMRITSAR	AJNALA	S-NPP	74.90578	31.85025	13:36:00	D	1.80
37	AMRITSAR	AJNALA	S-NPP	74.85591	31.88918	13:36:00	D	6.00
38	AMRITSAR	AJNALA	S-NPP	74.83669	31.90022	13:36:00	D	1.90
39	AMRITSAR	AJNALA	S-NPP	74.83919	31.93150	13:36:00	D	1.90
40	AMRITSAR	AJNALA	S-NPP	74.83854	31.93485	13:36:00	D	5.90
41	AMRITSAR	AJNALA	S-NPP	74.85613	31.95453	13:36:00	D	1.40
42	AMRITSAR	AMRITSAR I	S-NPP	75.09158	31.68199	13:36:00	D	8.30
43	AMRITSAR	AMRITSAR I	S-NPP	75.09037	31.73355	13:36:00	D	2.30
44	AMRITSAR	AMRITSAR I	S-NPP	74.91925	31.75421	13:36:00	D	3.70
45	AMRITSAR	AMRITSAR I	S-NPP	74.92795	31.75708	13:36:00	D	2.90
46	AMRITSAR	AMRITSAR I	S-NPP	74.92314	31.75985	13:36:00	D	2.90
47	AMRITSAR	AMRITSAR I	S-NPP	74.94459	31.80412	13:36:00	D	3.00
48	AMRITSAR	AMRITSAR I	S-NPP	74.98601	31.83404	13:36:00	D	5.30
49	AMRITSAR	AMRITSAR II	S-NPP	74.62867	31.58760	13:36:00	D	4.90
50	AMRITSAR	AMRITSAR II	S-NPP	74.64659	31.60387	13:36:00	D	2.80
51	AMRITSAR	AMRITSAR II	S-NPP	74.66237	31.60956	13:36:00	D	1.60
52	AMRITSAR	AMRITSAR II	S-NPP	74.69588	31.61097	13:36:00	D	14.60
53	AMRITSAR	AMRITSAR II	S-NPP	74.67468	31.61134	13:36:00	D	5.60
54	AMRITSAR	AMRITSAR II	S-NPP	74.78300	31.62004	13:36:00	D	4.80
55	AMRITSAR	AMRITSAR II	S-NPP	74.90425	31.72113	13:36:00	D	1.80
56	AMRITSAR	BABA BAKALA	S-NPP	75.25832	31.54097	13:36:00	D	1.90
57	AMRITSAR	BABA BAKALA	S-NPP	75.27660	31.58156	13:36:00	D	6.80
58	AMRITSAR	BABA BAKALA	S-NPP	75.27281	31.60967	13:36:00	D	2.10
59	AMRITSAR	BABA BAKALA	S-NPP	75.22690	31.62408	13:36:00	D	2.90

60	AMRITSAR	BABA BAKALA	S-NPP	75.23826	31.63256	13:36:00	D	3.60
61	AMRITSAR	BABA BAKALA	S-NPP	75.20538	31.66947	13:36:00	D	2.20
62	AMRITSAR	BABA BAKALA	S-NPP	75.18974	31.70940	13:36:00	D	2.00
63	BARNALA	BARNALA	S-NPP	75.51285	30.36465	13:36:00	D	2.90
64	BARNALA	BARNALA	S-NPP	75.61919	30.36558	13:36:00	D	5.50
65	BARNALA	BARNALA	S-NPP	75.62336	30.36615	13:36:00	D	5.50
66	BARNALA	BARNALA	S-NPP	75.48676	30.36792	13:36:00	D	10.40
67	BARNALA	BARNALA	S-NPP	75.49090	30.36850	13:36:00	D	6.60
68	BARNALA	BARNALA	S-NPP	75.61858	30.36895	13:36:00	D	2.00
69	BARNALA	BARNALA	S-NPP	75.49504	30.36908	13:36:00	D	6.60
70	BARNALA	BARNALA	S-NPP	75.62274	30.36952	13:36:00	D	2.00
71	BARNALA	BARNALA	S-NPP	75.66926	30.37247	13:36:00	D	19.40
72	BARNALA	BARNALA	S-NPP	75.62567	30.37685	13:36:00	D	46.00
73	BARNALA	BARNALA	S-NPP	75.62984	30.37743	13:36:00	D	46.00
74	BARNALA	BARNALA	S-NPP	75.62505	30.38023	13:36:00	D	46.00
75	BARNALA	BARNALA	S-NPP	75.62922	30.38080	13:36:00	D	46.00
76	BARNALA	BARNALA	S-NPP	75.63757	30.38195	13:36:00	D	7.80
77	BARNALA	BARNALA	S-NPP	75.51804	30.38264	13:36:00	D	5.70
78	BARNALA	BARNALA	S-NPP	75.51741	30.38601	13:36:00	D	5.70
79	BARNALA	BARNALA	S-NPP	75.63570	30.39208	13:36:00	D	2.20
80	BARNALA	BARNALA	S-NPP	75.50249	30.39773	13:36:00	D	7.10
81	BARNALA	BARNALA	S-NPP	75.57368	30.40422	13:36:00	D	35.70
82	BARNALA	BARNALA	S-NPP	75.49234	30.40666	13:36:00	D	7.20
83	BARNALA	BARNALA	S-NPP	75.53442	30.40911	13:36:00	D	2.90
84	BARNALA	BARNALA	S-NPP	75.51658	30.41352	13:36:00	D	11.00
85	BARNALA	BARNALA	S-NPP	75.26688	30.43797	13:36:00	D	7.80
86	BARNALA	BARNALA	S-NPP	75.44429	30.43871	13:36:00	D	23.20
87	BARNALA	BARNALA	S-NPP	75.62703	30.43935	13:36:00	D	3.20
88	BARNALA	BARNALA	S-NPP	75.62642	30.44273	13:36:00	D	3.20
89	BARNALA	BARNALA	S-NPP	75.51122	30.44455	13:36:00	D	2.50
90	BARNALA	BARNALA	S-NPP	75.49400	30.44561	13:36:00	D	6.40

91	BARNALA	BARNALA	S-NPP	75.36209	30.44791	13:36:00	D	1.40
92	BARNALA	BARNALA	S-NPP	75.40849	30.47164	13:36:00	D	6.50
93	BARNALA	BARNALA	S-NPP	75.41262	30.47222	13:36:00	D	23.70
94	BARNALA	BARNALA	S-NPP	75.61094	30.48253	13:36:00	D	2.50
95	BARNALA	BARNALA	S-NPP	75.46103	30.48589	13:36:00	D	7.80
96	BARNALA	BARNALA	S-NPP	75.34796	30.50102	13:36:00	D	26.50
97	BARNALA	BARNALA	S-NPP	75.45377	30.50213	13:36:00	D	2.20
98	BARNALA	BARNALA	S-NPP	75.45792	30.50271	13:36:00	D	2.60
99	BARNALA	BARNALA	S-NPP	75.28846	30.50292	13:36:00	D	8.00
100	BARNALA	BARNALA	S-NPP	75.45315	30.50549	13:36:00	D	2.20
101	BARNALA	BARNALA	S-NPP	75.45729	30.50607	13:36:00	D	2.60
102	BARNALA	BARNALA	S-NPP	75.49878	30.51189	13:36:00	D	2.40
103	BARNALA	BARNALA	S-NPP	75.43408	30.51661	13:36:00	D	3.30
104	BARNALA	BARNALA	S-NPP	75.32616	30.53040	13:36:00	D	6.70
105	BARNALA	BARNALA	TERRA-1	75.42653	30.53437	11:07:00	D	6.86
106	BARNALA	BARNALA	S-NPP	75.53046	30.55186	13:36:00	D	4.10
107	BARNALA	BARNALA	S-NPP	75.45603	30.56229	13:36:00	D	5.30
108	BARNALA	BARNALA	S-NPP	75.60544	30.58642	13:36:00	D	5.20
109	BARNALA	BARNALA	S-NPP	75.43444	30.58689	13:36:00	D	4.20
110	BARNALA	BARNALA	S-NPP	75.43382	30.59026	13:36:00	D	4.20
111	BARNALA	BARNALA	S-NPP	75.62994	30.59326	13:36:00	D	2.70
112	BARNALA	BARNALA	AQUA-1	75.54760	30.50443	14:18:00	D	56.85
113	BARNALA	TAPPA	S-NPP	75.51022	30.18626	13:36:00	D	3.50
114	BARNALA	TAPPA	S-NPP	75.56493	30.21121	13:36:00	D	15.60
115	BARNALA	TAPPA	S-NPP	75.44938	30.22347	13:36:00	D	21.90
116	BARNALA	TAPPA	S-NPP	75.51600	30.22930	13:36:00	D	1.70
117	BARNALA	TAPPA	S-NPP	75.47760	30.23085	13:36:00	D	3.20
118	BARNALA	TAPPA	S-NPP	75.58575	30.24242	13:36:00	D	1.80
119	BARNALA	TAPPA	S-NPP	75.69932	30.25115	13:36:00	D	2.20
120	BARNALA	TAPPA	S-NPP	75.41784	30.25694	13:36:00	D	13.50
121	BARNALA	TAPPA	S-NPP	75.56608	30.25696	13:36:00	D	2.20

122	BARNALA	TAPPA	S-NPP	75.55302	30.25860	13:36:00	D	3.10
123	BARNALA	TAPPA	S-NPP	75.41248	30.26307	13:36:00	D	21.20
124	BARNALA	TAPPA	S-NPP	75.44067	30.27049	13:36:00	D	2.20
125	BARNALA	TAPPA	S-NPP	75.40176	30.27534	13:36:00	D	10.10
126	BARNALA	TAPPA	S-NPP	75.49016	30.27743	13:36:00	D	2.40
127	BARNALA	TAPPA	S-NPP	75.46704	30.28798	13:36:00	D	3.30
128	BARNALA	TAPPA	S-NPP	75.41386	30.30115	13:36:00	D	6.70
129	BARNALA	TAPPA	S-NPP	75.40089	30.30276	13:36:00	D	8.60
130	BARNALA	TAPPA	S-NPP	75.38285	30.31207	13:36:00	D	2.40
131	BARNALA	TAPPA	S-NPP	75.42465	30.31445	13:36:00	D	4.50
132	BARNALA	TAPPA	S-NPP	75.35282	30.31475	13:36:00	D	30.20
133	BARNALA	TAPPA	S-NPP	75.42403	30.31781	13:36:00	D	4.50
134	BARNALA	TAPPA	S-NPP	75.38160	30.31878	13:36:00	D	15.80
135	BARNALA	TAPPA	S-NPP	75.57980	30.32107	13:36:00	D	6.90
136	BARNALA	TAPPA	S-NPP	75.43390	30.33297	13:36:00	D	2.20
137	BARNALA	TAPPA	S-NPP	75.44628	30.33469	13:36:00	D	5.40
138	BARNALA	TAPPA	S-NPP	75.40255	30.34236	13:36:00	D	13.80
139	BARNALA	TAPPA	S-NPP	75.40806	30.38103	13:36:00	D	49.40
140	BARNALA	TAPPA	S-NPP	75.33970	30.38515	13:36:00	D	5.00
141	BATHINDA	BATHINDA	S-NPP	74.79477	30.02240	13:36:00	D	4.50
142	BATHINDA	BATHINDA	S-NPP	74.89047	30.10453	13:36:00	D	5.00
143	BATHINDA	BATHINDA	S-NPP	74.66660	30.11507	13:36:00	D	2.00
144	BATHINDA	BATHINDA	S-NPP	74.68261	30.11740	13:36:00	D	4.80
145	BATHINDA	BATHINDA	S-NPP	74.65075	30.13318	13:36:00	D	5.80
146	BATHINDA	BATHINDA	S-NPP	74.67941	30.13397	13:36:00	D	1.50
147	BATHINDA	BATHINDA	S-NPP	74.68678	30.13845	13:36:00	D	22.30
148	BATHINDA	BATHINDA	S-NPP	75.06608	30.14020	13:36:00	D	1.00
149	BATHINDA	BATHINDA	S-NPP	74.65347	30.14039	13:36:00	D	9.40
150	BATHINDA	BATHINDA	S-NPP	74.69223	30.15288	13:36:00	D	3.20
151	BATHINDA	BATHINDA	S-NPP	74.90683	30.15336	13:36:00	D	5.20
152	BATHINDA	BATHINDA	S-NPP	74.88013	30.16316	13:36:00	D	1.80

153	BATHINDA	BATHINDA	S-NPP	74.75510	30.16888	13:36:00	D	2.00
154	BATHINDA	BATHINDA	S-NPP	74.86954	30.17528	13:36:00	D	1.50
155	BATHINDA	BATHINDA	S-NPP	74.87038	30.19248	13:36:00	D	2.30
156	BATHINDA	BATHINDA	S-NPP	75.05833	30.22986	13:36:00	D	5.50
157	BATHINDA	BATHINDA	S-NPP	74.97166	30.25051	13:36:00	D	1.40
158	BATHINDA	BATHINDA	S-NPP	74.72293	30.25213	13:36:00	D	4.40
159	BATHINDA	BATHINDA	S-NPP	74.72229	30.25545	13:36:00	D	3.80
160	BATHINDA	BATHINDA	S-NPP	74.98063	30.26889	13:36:00	D	1.70
161	BATHINDA	BATHINDA	S-NPP	74.86395	30.29308	13:36:00	D	2.70
162	BATHINDA	BATHINDA	S-NPP	75.12482	30.29974	13:36:00	D	3.40
163	BATHINDA	BATHINDA	S-NPP	75.05789	30.30047	13:36:00	D	8.30
164	BATHINDA	BATHINDA	S-NPP	74.82111	30.30052	13:36:00	D	1.90
165	BATHINDA	BATHINDA	S-NPP	74.77299	30.31400	13:36:00	D	0.90
166	BATHINDA	BATHINDA	S-NPP	74.90114	30.31555	13:36:00	D	2.80
167	BATHINDA	BATHINDA	S-NPP	75.07162	30.31613	13:36:00	D	5.70
168	BATHINDA	BATHINDA	S-NPP	75.13388	30.31816	13:36:00	D	14.50
169	BATHINDA	BATHINDA	S-NPP	74.79248	30.32025	13:36:00	D	1.50
170	BATHINDA	BATHINDA	S-NPP	75.12100	30.36431	13:36:00	D	1.90
171	BATHINDA	BATHINDA	S-NPP	75.08523	30.37797	13:36:00	D	2.70
172	BATHINDA	BATHINDA	S-NPP	75.09991	30.41089	13:36:00	D	17.80
173	BATHINDA	BATHINDA	AQUA-1	74.68303	30.12714	14:18:00	D	64.02
174	BATHINDA	BATHINDA	AQUA-1	74.82116	30.21248	14:18:00	D	37.67
175	BATHINDA	RAMPURA PHUL	S-NPP	75.27734	30.12586	13:36:00	D	2.50
176	BATHINDA	RAMPURA PHUL	S-NPP	75.17808	30.14259	13:36:00	D	1.50
177	BATHINDA	RAMPURA PHUL	S-NPP	75.10532	30.15270	13:36:00	D	7.50
178	BATHINDA	RAMPURA PHUL	S-NPP	75.10938	30.15328	13:36:00	D	7.40
179	BATHINDA	RAMPURA PHUL	S-NPP	75.13245	30.16346	13:36:00	D	4.70
180	BATHINDA	RAMPURA PHUL	S-NPP	75.26575	30.16541	13:36:00	D	2.50
181	BATHINDA	RAMPURA PHUL	S-NPP	75.32825	30.16744	13:36:00	D	2.80
182	BATHINDA	RAMPURA PHUL	S-NPP	75.18054	30.17880	13:36:00	D	13.60
183	BATHINDA	RAMPURA PHUL	S-NPP	75.13864	30.17971	13:36:00	D	1.60

184	BATHINDA	RAMPURA PHUL	S-NPP	75.17928	30.18548	13:36:00	D	3.60
185	BATHINDA	RAMPURA PHUL	S-NPP	75.20997	30.20012	13:36:00	D	11.00
186	BATHINDA	RAMPURA PHUL	S-NPP	75.25137	30.20255	13:36:00	D	2.10
187	BATHINDA	RAMPURA PHUL	S-NPP	75.20871	30.20680	13:36:00	D	14.20
188	BATHINDA	RAMPURA PHUL	S-NPP	75.36594	30.21868	13:36:00	D	12.20
189	BATHINDA	RAMPURA PHUL	S-NPP	75.36530	30.22203	13:36:00	D	12.20
190	BATHINDA	RAMPURA PHUL	S-NPP	75.22250	30.22248	13:36:00	D	2.60
191	BATHINDA	RAMPURA PHUL	S-NPP	75.25107	30.22653	13:36:00	D	7.80
192	BATHINDA	RAMPURA PHUL	S-NPP	75.29699	30.25021	13:36:00	D	2.50
193	BATHINDA	RAMPURA PHUL	S-NPP	75.22093	30.25314	13:36:00	D	1.90
194	BATHINDA	RAMPURA PHUL	S-NPP	75.29636	30.25356	13:36:00	D	2.50
195	BATHINDA	RAMPURA PHUL	S-NPP	75.30329	30.26141	13:36:00	D	4.70
196	BATHINDA	RAMPURA PHUL	S-NPP	75.15834	30.27708	13:36:00	D	4.40
197	BATHINDA	RAMPURA PHUL	S-NPP	75.15771	30.28041	13:36:00	D	4.40
198	BATHINDA	RAMPURA PHUL	S-NPP	75.31531	30.28718	13:36:00	D	10.80
199	BATHINDA	RAMPURA PHUL	S-NPP	75.31468	30.29053	13:36:00	D	10.80
200	BATHINDA	RAMPURA PHUL	S-NPP	75.16272	30.29827	13:36:00	D	8.40
201	BATHINDA	RAMPURA PHUL	S-NPP	75.16209	30.30161	13:36:00	D	8.40
202	BATHINDA	RAMPURA PHUL	S-NPP	75.13640	30.30482	13:36:00	D	2.00
203	BATHINDA	RAMPURA PHUL	S-NPP	75.31524	30.31292	13:36:00	D	9.10
204	BATHINDA	RAMPURA PHUL	S-NPP	75.29758	30.31731	13:36:00	D	7.40
205	BATHINDA	RAMPURA PHUL	S-NPP	75.27585	30.32113	13:36:00	D	2.60
206	BATHINDA	RAMPURA PHUL	S-NPP	75.18970	30.33296	13:36:00	D	5.90
207	BATHINDA	RAMPURA PHUL	S-NPP	75.32791	30.33533	13:36:00	D	2.20
208	BATHINDA	RAMPURA PHUL	S-NPP	75.24502	30.35112	13:36:00	D	5.20
209	BATHINDA	RAMPURA PHUL	S-NPP	75.24439	30.35446	13:36:00	D	5.20
210	BATHINDA	RAMPURA PHUL	S-NPP	75.16050	30.37683	13:36:00	D	12.30
211	BATHINDA	RAMPURA PHUL	S-NPP	75.12499	30.41103	13:36:00	D	4.80
212	BATHINDA	RAMPURA PHUL	S-NPP	75.18686	30.41637	13:36:00	D	2.00
213	BATHINDA	RAMPURA PHUL	S-NPP	75.23125	30.42607	13:36:00	D	2.70
214	BATHINDA	RAMPURA PHUL	S-NPP	75.28580	30.42689	13:36:00	D	3.30

215	BATHINDA	RAMPURA PHUL	S-NPP	75.28991	30.42747	13:36:00	D	3.30
216	BATHINDA	RAMPURA PHUL	S-NPP	75.26279	30.43740	13:36:00	D	23.90
217	BATHINDA	RAMPURA PHUL	S-NPP	75.12684	30.44558	13:36:00	D	1.50
218	BATHINDA	RAMPURA PHUL	S-NPP	75.15134	30.44907	13:36:00	D	3.10
219	BATHINDA	RAMPURA PHUL	S-NPP	75.05849	30.45295	13:36:00	D	3.10
220	BATHINDA	RAMPURA PHUL	S-NPP	75.13311	30.45677	13:36:00	D	9.80
221	BATHINDA	RAMPURA PHUL	S-NPP	75.13248	30.46010	13:36:00	D	9.80
222	BATHINDA	RAMPURA PHUL	S-NPP	75.06129	30.46020	13:36:00	D	5.90
223	BATHINDA	RAMPURA PHUL	S-NPP	75.07758	30.46253	13:36:00	D	23.30
224	BATHINDA	RAMPURA PHUL	S-NPP	75.08165	30.46312	13:36:00	D	23.30
225	BATHINDA	RAMPURA PHUL	S-NPP	75.08102	30.46646	13:36:00	D	23.30
226	BATHINDA	RAMPURA PHUL	S-NPP	75.19379	30.46885	13:36:00	D	3.40
227	BATHINDA	RAMPURA PHUL	S-NPP	75.25652	30.47088	13:36:00	D	7.20
228	BATHINDA	RAMPURA PHUL	S-NPP	75.21835	30.47234	13:36:00	D	9.00
229	BATHINDA	RAMPURA PHUL	S-NPP	75.17208	30.47262	13:36:00	D	3.80
230	BATHINDA	RAMPURA PHUL	S-NPP	75.07098	30.47530	13:36:00	D	2.00
231	BATHINDA	RAMPURA PHUL	S-NPP	75.17145	30.47596	13:36:00	D	30.80
232	BATHINDA	RAMPURA PHUL	S-NPP	75.18310	30.48105	13:36:00	D	2.00
233	BATHINDA	RAMPURA PHUL	S-NPP	75.18719	30.48164	13:36:00	D	2.00
234	BATHINDA	RAMPURA PHUL	S-NPP	75.14769	30.51562	13:36:00	D	3.20
235	BATHINDA	RAMPURA PHUL	S-NPP	75.13889	30.51781	13:36:00	D	3.10
236	BATHINDA	RAMPURA PHUL	S-NPP	75.14297	30.51838	13:36:00	D	6.10
237	BATHINDA	RAMPURA PHUL	S-NPP	75.16342	30.52127	13:36:00	D	10.70
238	BATHINDA	RAMPURA PHUL	S-NPP	75.15871	30.52404	13:36:00	D	10.70
239	BATHINDA	RAMPURA PHUL	TERRA-1	75.14857	30.54485	11:07:00	D	6.75
240	BATHINDA	TALWANDI SABO	S-NPP	75.18340	29.84282	13:36:00	D	2.50
241	BATHINDA	TALWANDI SABO	S-NPP	75.12366	29.96488	13:36:00	D	11.50
242	BATHINDA	TALWANDI SABO	S-NPP	74.88255	29.97113	13:36:00	D	2.30
243	BATHINDA	TALWANDI SABO	TERRA-1	75.21848	29.97143	11:07:00	D	15.40
244	BATHINDA	TALWANDI SABO	S-NPP	75.22619	29.97263	13:36:00	D	1.30
245	BATHINDA	TALWANDI SABO	S-NPP	75.26430	29.99174	13:36:00	D	1.60

246	BATHINDA	TALWANDI SABO	S-NPP	75.19746	29.99253	13:36:00	D	13.40
247	BATHINDA	TALWANDI SABO	S-NPP	75.26368	29.99509	13:36:00	D	2.40
248	BATHINDA	TALWANDI SABO	S-NPP	75.20090	29.99644	13:36:00	D	13.40
249	BATHINDA	TALWANDI SABO	S-NPP	75.22587	29.99657	13:36:00	D	2.00
250	BATHINDA	TALWANDI SABO	S-NPP	75.05895	30.00006	13:36:00	D	2.90
251	BATHINDA	TALWANDI SABO	S-NPP	75.04155	30.00440	13:36:00	D	1.80
252	BATHINDA	TALWANDI SABO	S-NPP	74.86297	30.03229	13:36:00	D	6.20
253	BATHINDA	TALWANDI SABO	S-NPP	74.92049	30.03378	13:36:00	D	1.30
254	BATHINDA	TALWANDI SABO	S-NPP	74.89510	30.03694	13:36:00	D	4.80
255	BATHINDA	TALWANDI SABO	S-NPP	74.89912	30.03752	13:36:00	D	4.90
256	BATHINDA	TALWANDI SABO	S-NPP	75.22648	30.03780	13:36:00	D	7.90
257	BATHINDA	TALWANDI SABO	S-NPP	75.20242	30.05492	13:36:00	D	6.50
258	BATHINDA	TALWANDI SABO	S-NPP	75.13936	30.12677	13:36:00	D	21.40
259	BATHINDA	TALWANDI SABO	AQUA-1	74.82286	30.03431	14:18:00	D	33.78
260	FARIDKOT	FARIDKOT	S-NPP	74.78509	30.49108	13:36:00	D	3.40
261	FARIDKOT	FARIDKOT	S-NPP	74.80528	30.49400	13:36:00	D	10.90
262	FARIDKOT	FARIDKOT	S-NPP	74.78445	30.49440	13:36:00	D	12.20
263	FARIDKOT	FARIDKOT	S-NPP	74.80465	30.49732	13:36:00	D	12.00
264	FARIDKOT	FARIDKOT	S-NPP	74.80146	30.51394	13:36:00	D	3.60
265	FARIDKOT	FARIDKOT	S-NPP	74.80550	30.51452	13:36:00	D	3.60
266	FARIDKOT	FARIDKOT	S-NPP	74.72898	30.52388	13:36:00	D	3.30
267	FARIDKOT	FARIDKOT	S-NPP	74.68739	30.52464	13:36:00	D	3.40
268	FARIDKOT	FARIDKOT	S-NPP	74.84872	30.52761	13:36:00	D	4.50
269	FARIDKOT	FARIDKOT	S-NPP	74.74449	30.52955	13:36:00	D	4.10
270	FARIDKOT	FARIDKOT	S-NPP	74.84808	30.53094	13:36:00	D	6.50
271	FARIDKOT	FARIDKOT	S-NPP	74.85213	30.53152	13:36:00	D	6.50
272	FARIDKOT	FARIDKOT	S-NPP	74.74976	30.54616	13:36:00	D	2.00
273	FARIDKOT	FARIDKOT	S-NPP	74.69958	30.56960	13:36:00	D	5.60
274	FARIDKOT	FARIDKOT	S-NPP	74.70700	30.57409	13:36:00	D	4.30
275	FARIDKOT	FARIDKOT	S-NPP	74.78122	30.59850	13:36:00	D	1.30
276	FARIDKOT	FARIDKOT	S-NPP	74.89256	30.60429	13:36:00	D	3.40

277	FARIDKOT	FARIDKOT	S-NPP	74.74971	30.61100	13:36:00	D	2.20
278	FARIDKOT	FARIDKOT	S-NPP	74.89534	30.61152	13:36:00	D	6.00
279	FARIDKOT	FARIDKOT	S-NPP	74.77866	30.61178	13:36:00	D	27.70
280	FARIDKOT	FARIDKOT	S-NPP	74.81509	30.61705	13:36:00	D	5.40
281	FARIDKOT	FARIDKOT	S-NPP	74.77737	30.61843	13:36:00	D	7.10
282	FARIDKOT	FARIDKOT	S-NPP	74.76056	30.61940	13:36:00	D	2.30
283	FARIDKOT	FARIDKOT	S-NPP	74.77674	30.62175	13:36:00	D	3.00
284	FARIDKOT	FARIDKOT	S-NPP	74.75992	30.62272	13:36:00	D	2.30
285	FARIDKOT	FARIDKOT	S-NPP	74.71355	30.62622	13:36:00	D	3.10
286	FARIDKOT	FARIDKOT	S-NPP	74.78760	30.63015	13:36:00	D	18.20
287	FARIDKOT	FARIDKOT	S-NPP	74.67125	30.63029	13:36:00	D	6.60
288	FARIDKOT	FARIDKOT	S-NPP	74.67529	30.63088	13:36:00	D	6.60
289	FARIDKOT	FARIDKOT	TERRA-1	74.85356	30.65115	11:07:00	D	7.89
290	FARIDKOT	FARIDKOT	S-NPP	74.93775	30.65184	13:36:00	D	2.40
291	FARIDKOT	FARIDKOT	S-NPP	74.90395	30.65381	13:36:00	D	4.80
292	FARIDKOT	FARIDKOT	S-NPP	74.95403	30.65418	13:36:00	D	1.70
293	FARIDKOT	FARIDKOT	S-NPP	74.89113	30.65538	13:36:00	D	5.00
294	FARIDKOT	FARIDKOT	S-NPP	74.87704	30.66361	13:36:00	D	4.70
295	FARIDKOT	FARIDKOT	S-NPP	74.87640	30.66693	13:36:00	D	4.70
296	FARIDKOT	FARIDKOT	S-NPP	74.88452	30.66811	13:36:00	D	8.90
297	FARIDKOT	FARIDKOT	S-NPP	74.83929	30.67077	13:36:00	D	2.60
298	FARIDKOT	FARIDKOT	S-NPP	74.50587	30.67699	13:36:00	D	3.60
299	FARIDKOT	FARIDKOT	S-NPP	74.50523	30.68030	13:36:00	D	3.60
300	FARIDKOT	FARIDKOT	S-NPP	74.52470	30.68657	13:36:00	D	2.50
301	FARIDKOT	FARIDKOT	S-NPP	74.52405	30.68988	13:36:00	D	2.50
302	FARIDKOT	FARIDKOT	S-NPP	74.89364	30.69223	13:36:00	D	2.80
303	FARIDKOT	FARIDKOT	S-NPP	74.83825	30.69796	13:36:00	D	16.50
304	FARIDKOT	FARIDKOT	S-NPP	74.65095	30.69819	13:36:00	D	1.90
305	FARIDKOT	FARIDKOT	S-NPP	74.83761	30.70129	13:36:00	D	16.50
306	FARIDKOT	FARIDKOT	S-NPP	74.84979	30.70304	13:36:00	D	5.20
307	FARIDKOT	FARIDKOT	S-NPP	74.49200	30.70561	13:36:00	D	4.50

308	FARIDKOT	FARIDKOT	S-NPP	74.84510	30.70578	13:36:00	D	5.00
309	FARIDKOT	FARIDKOT	S-NPP	74.84916	30.70637	13:36:00	D	4.70
310	FARIDKOT	FARIDKOT	S-NPP	74.52484	30.70703	13:36:00	D	2.30
311	FARIDKOT	FARIDKOT	S-NPP	74.47864	30.71046	13:36:00	D	3.20
312	FARIDKOT	FARIDKOT	S-NPP	74.84788	30.71302	13:36:00	D	2.90
313	FARIDKOT	FARIDKOT	S-NPP	74.51888	30.71638	13:36:00	D	6.10
314	FARIDKOT	FARIDKOT	S-NPP	74.62303	30.73505	13:36:00	D	1.80
315	FARIDKOT	FARIDKOT	S-NPP	74.73072	30.73709	13:36:00	D	21.80
316	FARIDKOT	FARIDKOT	S-NPP	74.59685	30.76416	13:36:00	D	2.30
317	FARIDKOT	FARIDKOT	S-NPP	74.59621	30.76748	13:36:00	D	2.30
318	FARIDKOT	FARIDKOT	S-NPP	74.67833	30.77257	13:36:00	D	4.00
319	FARIDKOT	FARIDKOT	S-NPP	74.55197	30.78148	13:36:00	D	6.30
320	FARIDKOT	FARIDKOT	S-NPP	74.73034	30.78349	13:36:00	D	3.80
321	FARIDKOT	FARIDKOT	S-NPP	74.73438	30.78408	13:36:00	D	4.40
322	FARIDKOT	FARIDKOT	S-NPP	74.72969	30.78682	13:36:00	D	3.80
323	FARIDKOT	FARIDKOT	S-NPP	74.72905	30.79014	13:36:00	D	8.20
324	FARIDKOT	FARIDKOT	S-NPP	74.64633	30.80888	13:36:00	D	3.50
325	FARIDKOT	FARIDKOT	AQUA-1	74.77171	30.73500	14:18:00	D	55.19
326	FARIDKOT	JAITO	S-NPP	74.98418	30.40463	13:36:00	D	4.10
327	FARIDKOT	JAITO	S-NPP	74.94047	30.41545	13:36:00	D	3.00
328	FARIDKOT	JAITO	S-NPP	74.87783	30.41667	13:36:00	D	4.70
329	FARIDKOT	JAITO	S-NPP	74.85847	30.43095	13:36:00	D	3.30
330	FARIDKOT	JAITO	S-NPP	74.80358	30.45961	13:36:00	D	8.40
331	FARIDKOT	JAITO	S-NPP	75.03967	30.46395	13:36:00	D	9.80
332	FARIDKOT	JAITO	S-NPP	74.95124	30.47056	13:36:00	D	37.30
333	FARIDKOT	JAITO	S-NPP	74.76810	30.47155	13:36:00	D	8.30
334	FARIDKOT	JAITO	S-NPP	74.78021	30.47330	13:36:00	D	2.80
335	FARIDKOT	JAITO	S-NPP	74.81188	30.48129	13:36:00	D	3.80
336	FARIDKOT	JAITO	S-NPP	74.93613	30.50602	13:36:00	D	4.30
337	FARIDKOT	JAITO	S-NPP	74.84999	30.52096	13:36:00	D	3.10
338	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.45190	30.56738	13:36:00	D	2.70

339	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.35833	30.77767	13:36:00	D	3.90
340	FIROZPUR	ABOHAR	S-NPP	74.05517	30.05804	13:36:00	D	4.30
341	FIROZPUR	ABOHAR	S-NPP	74.16966	30.09911	13:36:00	D	4.90
342	FIROZPUR	ABOHAR	S-NPP	74.16901	30.10241	13:36:00	D	4.90
343	FIROZPUR	ABOHAR	S-NPP	74.36900	30.10517	13:36:00	D	2.60
344	FIROZPUR	ABOHAR	S-NPP	74.26632	30.10683	13:36:00	D	5.90
345	FIROZPUR	ABOHAR	S-NPP	74.27029	30.10743	13:36:00	D	13.40
346	FIROZPUR	ABOHAR	S-NPP	74.26567	30.11013	13:36:00	D	5.90
347	FIROZPUR	ABOHAR	S-NPP	74.26965	30.11073	13:36:00	D	13.40
348	FIROZPUR	ABOHAR	TERRA-1	74.23625	30.11216	11:07:00	D	11.41
349	FIROZPUR	ABOHAR	S-NPP	74.26104	30.11283	13:36:00	D	3.30
350	FIROZPUR	ABOHAR	S-NPP	74.11972	30.12537	13:36:00	D	2.00
351	FIROZPUR	ABOHAR	S-NPP	74.28562	30.13351	13:36:00	D	33.70
352	FIROZPUR	ABOHAR	S-NPP	74.15748	30.14124	13:36:00	D	2.60
353	FIROZPUR	ABOHAR	S-NPP	74.36188	30.14151	13:36:00	D	3.60
354	FIROZPUR	ABOHAR	S-NPP	74.34863	30.14633	13:36:00	D	13.90
355	FIROZPUR	ABOHAR	S-NPP	74.31152	30.14759	13:36:00	D	2.40
356	FIROZPUR	ABOHAR	S-NPP	74.34400	30.14904	13:36:00	D	13.90
357	FIROZPUR	ABOHAR	S-NPP	74.34798	30.14964	13:36:00	D	13.90
358	FIROZPUR	ABOHAR	S-NPP	74.37252	30.14990	13:36:00	D	4.20
359	FIROZPUR	ABOHAR	S-NPP	74.35197	30.15023	13:36:00	D	2.90
360	FIROZPUR	ABOHAR	S-NPP	74.31087	30.15089	13:36:00	D	2.40
361	FIROZPUR	ABOHAR	S-NPP	74.33443	30.15751	13:36:00	D	12.10
362	FIROZPUR	ABOHAR	S-NPP	74.27213	30.16182	13:36:00	D	2.10
363	FIROZPUR	ABOHAR	S-NPP	74.34184	30.18241	13:36:00	D	1.90
364	FIROZPUR	ABOHAR	S-NPP	74.30868	30.18427	13:36:00	D	3.40
365	FIROZPUR	ABOHAR	S-NPP	74.34119	30.18571	13:36:00	D	1.90
366	FIROZPUR	ABOHAR	S-NPP	74.22120	30.19159	13:36:00	D	1.80
367	FIROZPUR	ABOHAR	S-NPP	74.21657	30.19430	13:36:00	D	7.20
368	FIROZPUR	ABOHAR	S-NPP	74.21461	30.20420	13:36:00	D	4.30
369	FIROZPUR	ABOHAR	S-NPP	74.21858	30.20479	13:36:00	D	5.80

370	FIROZPUR	ABOHAR	S-NPP	74.32071	30.20646	13:36:00	D	4.10
371	FIROZPUR	ABOHAR	S-NPP	74.22393	30.21919	13:36:00	D	6.60
372	FIROZPUR	ABOHAR	S-NPP	74.32348	30.23408	13:36:00	D	3.60
373	FIROZPUR	ABOHAR	S-NPP	74.32745	30.23467	13:36:00	D	11.20
374	FIROZPUR	FAZILKA	S-NPP	74.02914	30.21024	13:36:00	D	24.90
375	FIROZPUR	FAZILKA	S-NPP	74.09605	30.22375	13:36:00	D	1.20
376	FIROZPUR	FAZILKA	S-NPP	74.05585	30.24082	13:36:00	D	8.90
377	FIROZPUR	FAZILKA	S-NPP	74.14066	30.24679	13:36:00	D	23.10
378	FIROZPUR	FAZILKA	S-NPP	74.02805	30.25700	13:36:00	D	2.70
379	FIROZPUR	FAZILKA	S-NPP	74.24017	30.26170	13:36:00	D	6.50
380	FIROZPUR	FAZILKA	S-NPP	74.02540	30.27020	13:36:00	D	2.90
381	FIROZPUR	FAZILKA	S-NPP	73.98432	30.27078	13:36:00	D	2.40
382	FIROZPUR	FAZILKA	S-NPP	74.16463	30.29118	13:36:00	D	1.50
383	FIROZPUR	FAZILKA	S-NPP	74.01681	30.29269	13:36:00	D	6.10
384	FIROZPUR	FAZILKA	S-NPP	74.01614	30.29599	13:36:00	D	6.10
385	FIROZPUR	FAZILKA	S-NPP	74.07117	30.30770	13:36:00	D	2.60
386	FIROZPUR	FAZILKA	S-NPP	74.14346	30.31519	13:36:00	D	2.70
387	FIROZPUR	FAZILKA	S-NPP	73.96214	30.32156	13:36:00	D	1.80
388	FIROZPUR	FAZILKA	S-NPP	73.99065	30.32248	13:36:00	D	10.20
389	FIROZPUR	FAZILKA	S-NPP	74.07186	30.32480	13:36:00	D	3.40
390	FIROZPUR	FAZILKA	S-NPP	74.30547	30.32584	13:36:00	D	2.40
391	FIROZPUR	FAZILKA	S-NPP	74.06722	30.32750	13:36:00	D	4.00
392	FIROZPUR	FAZILKA	S-NPP	74.11231	30.32750	13:36:00	D	3.50
393	FIROZPUR	FAZILKA	S-NPP	74.07121	30.32810	13:36:00	D	4.00
394	FIROZPUR	FAZILKA	S-NPP	74.11629	30.32810	13:36:00	D	3.50
395	FIROZPUR	FAZILKA	S-NPP	74.23109	30.32833	13:36:00	D	5.30
396	FIROZPUR	FAZILKA	S-NPP	74.25567	30.32860	13:36:00	D	10.00
397	FIROZPUR	FAZILKA	S-NPP	74.25900	30.33250	13:36:00	D	10.80
398	FIROZPUR	FAZILKA	S-NPP	74.30816	30.33304	13:36:00	D	4.80
399	FIROZPUR	FAZILKA	S-NPP	74.09442	30.33500	13:36:00	D	8.30
400	FIROZPUR	FAZILKA	S-NPP	74.01254	30.33599	13:36:00	D	1.50

401	FIROZPUR	FAZILKA	S-NPP	74.05235	30.34199	13:36:00	D	14.80
402	FIROZPUR	FAZILKA	S-NPP	73.97011	30.34316	13:36:00	D	2.70
403	FIROZPUR	FAZILKA	S-NPP	74.13394	30.34407	13:36:00	D	2.30
404	FIROZPUR	FAZILKA	S-NPP	74.11272	30.34768	13:36:00	D	12.90
405	FIROZPUR	FAZILKA	S-NPP	74.05103	30.34859	13:36:00	D	9.80
406	FIROZPUR	FAZILKA	S-NPP	74.11207	30.35098	13:36:00	D	12.90
407	FIROZPUR	FAZILKA	S-NPP	74.07093	30.35159	13:36:00	D	2.20
408	FIROZPUR	FAZILKA	S-NPP	74.11473	30.35818	13:36:00	D	2.30
409	FIROZPUR	FAZILKA	S-NPP	74.06432	30.36419	13:36:00	D	2.80
410	FIROZPUR	FAZILKA	S-NPP	74.05967	30.36688	13:36:00	D	4.90
411	FIROZPUR	FAZILKA	S-NPP	74.09219	30.36838	13:36:00	D	2.20
412	FIROZPUR	FAZILKA	S-NPP	73.89120	30.36857	13:36:00	D	6.70
413	FIROZPUR	FAZILKA	S-NPP	74.16586	30.36924	13:36:00	D	2.90
414	FIROZPUR	FAZILKA	S-NPP	73.98537	30.36926	13:36:00	D	8.00
415	FIROZPUR	FAZILKA	S-NPP	74.13666	30.37167	13:36:00	D	5.50
416	FIROZPUR	FAZILKA	S-NPP	74.14065	30.37226	13:36:00	D	5.50
417	FIROZPUR	FAZILKA	S-NPP	74.03381	30.37318	13:36:00	D	2.80
418	FIROZPUR	FAZILKA	S-NPP	74.02120	30.37468	13:36:00	D	2.30
419	FIROZPUR	FAZILKA	S-NPP	73.95553	30.37494	13:36:00	D	2.10
420	FIROZPUR	FAZILKA	S-NPP	74.13600	30.37496	13:36:00	D	5.50
421	FIROZPUR	FAZILKA	S-NPP	73.99931	30.38157	13:36:00	D	5.20
422	FIROZPUR	FAZILKA	S-NPP	74.00329	30.38217	13:36:00	D	6.20
423	FIROZPUR	FAZILKA	S-NPP	73.91706	30.38270	13:36:00	D	28.40
424	FIROZPUR	FAZILKA	S-NPP	74.01922	30.38457	13:36:00	D	2.00
425	FIROZPUR	FAZILKA	S-NPP	74.18649	30.38933	13:36:00	D	3.00
426	FIROZPUR	FAZILKA	S-NPP	73.94758	30.39412	13:36:00	D	2.60
427	FIROZPUR	FAZILKA	S-NPP	74.13206	30.39477	13:36:00	D	2.70
428	FIROZPUR	FAZILKA	S-NPP	73.95885	30.39923	13:36:00	D	10.60
429	FIROZPUR	FAZILKA	S-NPP	73.95819	30.40253	13:36:00	D	10.60
430	FIROZPUR	FAZILKA	S-NPP	74.00729	30.40316	13:36:00	D	2.40
431	FIROZPUR	FAZILKA	S-NPP	73.95288	30.40853	13:36:00	D	2.60

432	FIROZPUR	FAZILKA	S-NPP	74.07567	30.41008	13:36:00	D	1.50
433	FIROZPUR	FAZILKA	S-NPP	74.17393	30.41125	13:36:00	D	1.70
434	FIROZPUR	FAZILKA	S-NPP	74.17727	30.41514	13:36:00	D	2.00
435	FIROZPUR	FAZILKA	S-NPP	74.04580	30.41578	13:36:00	D	3.10
436	FIROZPUR	FAZILKA	S-NPP	74.05377	30.41698	13:36:00	D	2.20
437	FIROZPUR	FAZILKA	S-NPP	74.17661	30.41845	13:36:00	D	9.50
438	FIROZPUR	FAZILKA	S-NPP	74.20054	30.42203	13:36:00	D	2.80
439	FIROZPUR	FAZILKA	S-NPP	74.18792	30.42354	13:36:00	D	6.40
440	FIROZPUR	FAZILKA	S-NPP	74.19125	30.42744	13:36:00	D	5.20
441	FIROZPUR	FAZILKA	S-NPP	74.10889	30.42868	13:36:00	D	3.50
442	FIROZPUR	FAZILKA	S-NPP	74.10824	30.43198	13:36:00	D	3.50
443	FIROZPUR	FAZILKA	S-NPP	74.22317	30.43221	13:36:00	D	15.80
444	FIROZPUR	FAZILKA	S-NPP	74.13280	30.43227	13:36:00	D	3.60
445	FIROZPUR	FAZILKA	S-NPP	74.11222	30.43258	13:36:00	D	3.50
446	FIROZPUR	FAZILKA	S-NPP	74.13680	30.43287	13:36:00	D	3.60
447	FIROZPUR	FAZILKA	S-NPP	74.11620	30.43317	13:36:00	D	2.70
448	FIROZPUR	FAZILKA	S-NPP	74.10359	30.43468	13:36:00	D	4.30
449	FIROZPUR	FAZILKA	S-NPP	74.04185	30.43557	13:36:00	D	2.30
450	FIROZPUR	FAZILKA	S-NPP	74.01681	30.43799	13:36:00	D	6.70
451	FIROZPUR	FAZILKA	S-NPP	74.04137	30.43829	13:36:00	D	3.20
452	FIROZPUR	FAZILKA	S-NPP	74.04536	30.43889	13:36:00	D	3.20
453	FIROZPUR	FAZILKA	S-NPP	74.01614	30.44129	13:36:00	D	1.90
454	FIROZPUR	FAZILKA	S-NPP	74.06528	30.44189	13:36:00	D	2.30
455	FIROZPUR	FAZILKA	S-NPP	73.98229	30.44637	13:36:00	D	11.70
456	FIROZPUR	FAZILKA	S-NPP	73.97366	30.44846	13:36:00	D	1.40
457	FIROZPUR	FAZILKA	S-NPP	73.95309	30.44875	13:36:00	D	2.00
458	FIROZPUR	FAZILKA	S-NPP	73.96503	30.45056	13:36:00	D	22.60
459	FIROZPUR	FAZILKA	S-NPP	74.19863	30.45234	13:36:00	D	3.00
460	FIROZPUR	FAZILKA	S-NPP	73.96437	30.45386	13:36:00	D	6.40
461	FIROZPUR	FAZILKA	S-NPP	74.11977	30.45687	13:36:00	D	3.80
462	FIROZPUR	FAZILKA	S-NPP	73.95110	30.45864	13:36:00	D	6.70

463	FIROZPUR	FAZILKA	S-NPP	74.18092	30.45922	13:36:00	D	2.50
464	FIROZPUR	FAZILKA	S-NPP	73.94247	30.46074	13:36:00	D	2.60
465	FIROZPUR	FAZILKA	S-NPP	73.94646	30.46134	13:36:00	D	6.70
466	FIROZPUR	FAZILKA	S-NPP	74.04074	30.46198	13:36:00	D	6.50
467	FIROZPUR	FAZILKA	S-NPP	74.06532	30.46229	13:36:00	D	9.60
468	FIROZPUR	FAZILKA	S-NPP	74.18026	30.46252	13:36:00	D	2.50
469	FIROZPUR	FAZILKA	S-NPP	74.02413	30.46288	13:36:00	D	32.80
470	FIROZPUR	FAZILKA	S-NPP	73.97035	30.46496	13:36:00	D	11.60
471	FIROZPUR	FAZILKA	S-NPP	73.97766	30.46946	13:36:00	D	13.50
472	FIROZPUR	FAZILKA	S-NPP	74.07995	30.47128	13:36:00	D	1.70
473	FIROZPUR	FAZILKA	S-NPP	74.00024	30.47967	13:36:00	D	14.60
474	FIROZPUR	FAZILKA	S-NPP	73.94247	30.48113	13:36:00	D	5.10
475	FIROZPUR	FAZILKA	S-NPP	73.99958	30.48297	13:36:00	D	14.60
476	FIROZPUR	FAZILKA	S-NPP	73.99493	30.48566	13:36:00	D	2.10
477	FIROZPUR	FAZILKA	S-NPP	74.01088	30.48807	13:36:00	D	7.70
478	FIROZPUR	FAZILKA	S-NPP	74.10057	30.49137	13:36:00	D	8.50
479	FIROZPUR	FAZILKA	S-NPP	73.98498	30.49436	13:36:00	D	2.20
480	FIROZPUR	FAZILKA	S-NPP	74.02484	30.50037	13:36:00	D	4.00
481	FIROZPUR	FAZILKA	S-NPP	74.04943	30.50068	13:36:00	D	1.90
482	FIROZPUR	FAZILKA	S-NPP	73.99162	30.50216	13:36:00	D	1.80
483	FIROZPUR	FAZILKA	S-NPP	74.03680	30.50218	13:36:00	D	1.60
484	FIROZPUR	FAZILKA	S-NPP	73.99960	30.50336	13:36:00	D	9.60
485	FIROZPUR	FAZILKA	S-NPP	74.03880	30.51267	13:36:00	D	3.40
486	FIROZPUR	FAZILKA	S-NPP	74.02951	30.51807	13:36:00	D	3.50
487	FIROZPUR	FAZILKA	S-NPP	74.01689	30.51957	13:36:00	D	15.90
488	FIROZPUR	FAZILKA	S-NPP	74.02087	30.52017	13:36:00	D	15.90
489	FIROZPUR	FAZILKA	S-NPP	74.01224	30.52226	13:36:00	D	11.60
490	FIROZPUR	FAZILKA	S-NPP	74.05080	30.53488	13:36:00	D	3.30
491	FIROZPUR	FAZILKA	AQUA-1	73.89008	30.35621	14:18:00	D	44.77
492	FIROZPUR	FAZILKA	AQUA-1	74.20556	30.39064	14:18:00	D	53.04
493	FIROZPUR	FAZILKA	AQUA-1	74.13564	30.41909	14:18:00	D	40.00

494	FIROZPUR	FAZILKA	AQUA-1	74.01116	30.50143	14:18:00	D	39.63
495	FIROZPUR	FIROZPUR	S-NPP	74.48346	30.77146	13:36:00	D	2.50
496	FIROZPUR	FIROZPUR	S-NPP	74.84811	30.80043	13:36:00	D	1.70
497	FIROZPUR	FIROZPUR	S-NPP	74.34499	30.80214	13:36:00	D	5.90
498	FIROZPUR	FIROZPUR	S-NPP	74.76983	30.81651	13:36:00	D	3.30
499	FIROZPUR	FIROZPUR	S-NPP	74.77390	30.81710	13:36:00	D	3.30
500	FIROZPUR	FIROZPUR	S-NPP	74.44957	30.81758	13:36:00	D	1.30
501	FIROZPUR	FIROZPUR	S-NPP	74.45359	30.81817	13:36:00	D	3.90
502	FIROZPUR	FIROZPUR	S-NPP	74.45294	30.82148	13:36:00	D	3.90
503	FIROZPUR	FIROZPUR	S-NPP	74.34155	30.82162	13:36:00	D	7.00
504	FIROZPUR	FIROZPUR	S-NPP	74.44085	30.84301	13:36:00	D	3.40
505	FIROZPUR	FIROZPUR	S-NPP	74.89406	30.84465	13:36:00	D	1.10
506	FIROZPUR	FIROZPUR	S-NPP	74.81818	30.84742	13:36:00	D	1.80
507	FIROZPUR	FIROZPUR	S-NPP	74.82225	30.84801	13:36:00	D	4.60
508	FIROZPUR	FIROZPUR	S-NPP	74.47243	30.85104	13:36:00	D	4.90
509	FIROZPUR	FIROZPUR	S-NPP	74.47610	30.89587	13:36:00	D	11.00
510	FIROZPUR	FIROZPUR	S-NPP	74.50839	30.90059	13:36:00	D	5.40
511	FIROZPUR	FIROZPUR	S-NPP	74.76495	30.93103	13:36:00	D	4.40
512	FIROZPUR	FIROZPUR	S-NPP	74.73050	30.93630	13:36:00	D	5.80
513	FIROZPUR	FIROZPUR	S-NPP	74.71381	30.95781	13:36:00	D	3.00
514	FIROZPUR	FIROZPUR	S-NPP	74.72878	30.96681	13:36:00	D	2.00
515	FIROZPUR	FIROZPUR	S-NPP	74.80965	31.00432	13:36:00	D	1.80
516	FIROZPUR	FIROZPUR	S-NPP	74.65345	31.03310	13:36:00	D	1.80
517	FIROZPUR	FIROZPUR	S-NPP	74.70650	31.06128	13:36:00	D	6.30
518	FIROZPUR	FIROZPUR	S-NPP	74.74149	31.10286	13:36:00	D	2.40
519	FIROZPUR	FIROZPUR	AQUA-1	74.89448	30.81584	14:18:00	D	29.39
520	FIROZPUR	JALALABAD	S-NPP	74.28044	30.45436	13:36:00	D	4.10
521	FIROZPUR	JALALABAD	S-NPP	74.29177	30.45945	13:36:00	D	6.70
522	FIROZPUR	JALALABAD	S-NPP	74.29910	30.46395	13:36:00	D	14.50
523	FIROZPUR	JALALABAD	S-NPP	74.27848	30.46427	13:36:00	D	5.50
524	FIROZPUR	JALALABAD	S-NPP	74.27782	30.46758	13:36:00	D	9.00

525	FIROZPUR	JALALABAD	S-NPP	74.21888	30.47508	13:36:00	D	1.50
526	FIROZPUR	JALALABAD	S-NPP	74.34178	30.47710	13:36:00	D	2.10
527	FIROZPUR	JALALABAD	S-NPP	74.32913	30.47862	13:36:00	D	8.80
528	FIROZPUR	JALALABAD	S-NPP	74.32471	30.48060	13:36:00	D	19.70
529	FIROZPUR	JALALABAD	S-NPP	74.26215	30.48492	13:36:00	D	3.60
530	FIROZPUR	JALALABAD	S-NPP	74.32742	30.48780	13:36:00	D	3.20
531	FIROZPUR	JALALABAD	S-NPP	74.33541	30.48899	13:36:00	D	1.80
532	FIROZPUR	JALALABAD	S-NPP	74.34741	30.49076	13:36:00	D	1.80
533	FIROZPUR	JALALABAD	S-NPP	74.17436	30.49223	13:36:00	D	6.90
534	FIROZPUR	JALALABAD	S-NPP	74.17835	30.49283	13:36:00	D	6.20
535	FIROZPUR	JALALABAD	S-NPP	74.33411	30.49560	13:36:00	D	7.20
536	FIROZPUR	JALALABAD	S-NPP	74.30882	30.49865	13:36:00	D	8.10
537	FIROZPUR	JALALABAD	S-NPP	74.31682	30.49984	13:36:00	D	13.40
538	FIROZPUR	JALALABAD	S-NPP	74.23427	30.50117	13:36:00	D	9.20
539	FIROZPUR	JALALABAD	S-NPP	74.23826	30.50177	13:36:00	D	9.20
540	FIROZPUR	JALALABAD	S-NPP	74.30816	30.50196	13:36:00	D	8.10
541	FIROZPUR	JALALABAD	S-NPP	74.35738	30.50245	13:36:00	D	5.00
542	FIROZPUR	JALALABAD	S-NPP	74.31216	30.50255	13:36:00	D	8.10
543	FIROZPUR	JALALABAD	S-NPP	74.36137	30.50304	13:36:00	D	5.00
544	FIROZPUR	JALALABAD	S-NPP	74.31616	30.50314	13:36:00	D	13.40
545	FIROZPUR	JALALABAD	S-NPP	74.36938	30.50422	13:36:00	D	3.10
546	FIROZPUR	JALALABAD	S-NPP	74.32416	30.50433	13:36:00	D	2.90
547	FIROZPUR	JALALABAD	S-NPP	74.29486	30.50678	13:36:00	D	6.00
548	FIROZPUR	JALALABAD	S-NPP	74.35207	30.50846	13:36:00	D	1.70
549	FIROZPUR	JALALABAD	S-NPP	74.33150	30.50882	13:36:00	D	3.10
550	FIROZPUR	JALALABAD	S-NPP	74.36407	30.51024	13:36:00	D	8.00
551	FIROZPUR	JALALABAD	S-NPP	74.35143	30.51177	13:36:00	D	1.40
552	FIROZPUR	JALALABAD	S-NPP	74.33886	30.51331	13:36:00	D	4.80
553	FIROZPUR	JALALABAD	S-NPP	74.12854	30.51597	13:36:00	D	4.40
554	FIROZPUR	JALALABAD	S-NPP	74.12788	30.51927	13:36:00	D	23.30
555	FIROZPUR	JALALABAD	S-NPP	74.19772	30.51952	13:36:00	D	10.20

556	FIROZPUR	JALALABAD	S-NPP	74.38214	30.52312	13:36:00	D	6.60
557	FIROZPUR	JALALABAD	S-NPP	74.37348	30.52524	13:36:00	D	1.50
558	FIROZPUR	JALALABAD	S-NPP	74.31960	30.52746	13:36:00	D	4.30
559	FIROZPUR	JALALABAD	S-NPP	74.34826	30.52831	13:36:00	D	2.40
560	FIROZPUR	JALALABAD	S-NPP	74.29429	30.53051	13:36:00	D	2.10
561	FIROZPUR	JALALABAD	S-NPP	74.31895	30.53077	13:36:00	D	4.30
562	FIROZPUR	JALALABAD	S-NPP	74.34760	30.53161	13:36:00	D	3.20
563	FIROZPUR	JALALABAD	S-NPP	74.37618	30.53244	13:36:00	D	2.50
564	FIROZPUR	JALALABAD	S-NPP	74.34695	30.53492	13:36:00	D	3.20
565	FIROZPUR	JALALABAD	S-NPP	74.39155	30.53812	13:36:00	D	4.50
566	FIROZPUR	JALALABAD	S-NPP	74.30033	30.54161	13:36:00	D	6.20
567	FIROZPUR	JALALABAD	S-NPP	74.34956	30.54211	13:36:00	D	13.20
568	FIROZPUR	JALALABAD	S-NPP	74.10665	30.54328	13:36:00	D	2.60
569	FIROZPUR	JALALABAD	S-NPP	74.12262	30.54568	13:36:00	D	7.40
570	FIROZPUR	JALALABAD	S-NPP	74.14259	30.54867	13:36:00	D	3.60
571	FIROZPUR	JALALABAD	S-NPP	74.08073	30.54958	13:36:00	D	10.30
572	FIROZPUR	JALALABAD	S-NPP	74.31103	30.55000	13:36:00	D	5.10
573	FIROZPUR	JALALABAD	S-NPP	74.08472	30.55018	13:36:00	D	4.20
574	FIROZPUR	JALALABAD	S-NPP	74.33569	30.55026	13:36:00	D	2.20
575	FIROZPUR	JALALABAD	S-NPP	74.34761	30.55203	13:36:00	D	3.30
576	FIROZPUR	JALALABAD	S-NPP	74.35162	30.55262	13:36:00	D	3.30
577	FIROZPUR	JALALABAD	S-NPP	74.08116	30.55278	13:36:00	D	4.50
578	FIROZPUR	JALALABAD	S-NPP	74.19051	30.55585	13:36:00	D	6.00
579	FIROZPUR	JALALABAD	S-NPP	74.12441	30.56266	13:36:00	D	5.70
580	FIROZPUR	JALALABAD	S-NPP	74.31643	30.56441	13:36:00	D	4.80
581	FIROZPUR	JALALABAD	S-NPP	74.29577	30.56474	13:36:00	D	31.50
582	FIROZPUR	JALALABAD	S-NPP	74.27511	30.56507	13:36:00	D	1.80
583	FIROZPUR	JALALABAD	S-NPP	74.29977	30.56534	13:36:00	D	31.50
584	FIROZPUR	JALALABAD	S-NPP	74.13174	30.56716	13:36:00	D	1.50
585	FIROZPUR	JALALABAD	S-NPP	74.33644	30.56738	13:36:00	D	7.10
586	FIROZPUR	JALALABAD	S-NPP	74.27445	30.56837	13:36:00	D	2.30

587	FIROZPUR	JALALABAD	S-NPP	74.29911	30.56865	13:36:00	D	31.50
588	FIROZPUR	JALALABAD	S-NPP	74.12579	30.57646	13:36:00	D	6.40
589	FIROZPUR	JALALABAD	S-NPP	74.10915	30.57737	13:36:00	D	6.30
590	FIROZPUR	JALALABAD	S-NPP	74.35442	30.58025	13:36:00	D	18.10
591	FIROZPUR	JALALABAD	S-NPP	74.34110	30.58508	13:36:00	D	4.20
592	FIROZPUR	JALALABAD	S-NPP	74.35312	30.58686	13:36:00	D	3.20
593	FIROZPUR	JALALABAD	S-NPP	74.37714	30.59043	13:36:00	D	1.50
594	FIROZPUR	JALALABAD	S-NPP	74.36448	30.59195	13:36:00	D	2.60
595	FIROZPUR	JALALABAD	S-NPP	74.35699	30.59382	13:36:00	D	3.90
596	FIROZPUR	JALALABAD	S-NPP	74.10120	30.59658	13:36:00	D	3.50
597	FIROZPUR	JALALABAD	S-NPP	74.10519	30.59718	13:36:00	D	3.50
598	FIROZPUR	JALALABAD	S-NPP	74.17509	30.59743	13:36:00	D	18.90
599	FIROZPUR	JALALABAD	S-NPP	74.17045	30.60014	13:36:00	D	3.80
600	FIROZPUR	JALALABAD	S-NPP	74.36771	30.60221	13:36:00	D	1.10
601	FIROZPUR	JALALABAD	S-NPP	74.14115	30.60256	13:36:00	D	2.40
602	FIROZPUR	JALALABAD	S-NPP	74.10787	30.60438	13:36:00	D	4.40
603	FIROZPUR	JALALABAD	S-NPP	74.21442	30.60669	13:36:00	D	178.00
604	FIROZPUR	JALALABAD	S-NPP	74.32112	30.60893	13:36:00	D	10.20
605	FIROZPUR	JALALABAD	S-NPP	74.35373	30.61035	13:36:00	D	6.10
606	FIROZPUR	JALALABAD	S-NPP	74.10655	30.61098	13:36:00	D	4.90
607	FIROZPUR	JALALABAD	S-NPP	74.38645	30.61177	13:36:00	D	4.70
608	FIROZPUR	JALALABAD	S-NPP	74.10191	30.61368	13:36:00	D	4.60
609	FIROZPUR	JALALABAD	S-NPP	74.18381	30.61573	13:36:00	D	4.10
610	FIROZPUR	JALALABAD	S-NPP	74.36911	30.61602	13:36:00	D	3.60
611	FIROZPUR	JALALABAD	S-NPP	74.15051	30.61756	13:36:00	D	5.10
612	FIROZPUR	JALALABAD	S-NPP	74.40986	30.61862	13:36:00	D	36.80
613	FIROZPUR	JALALABAD	S-NPP	74.18315	30.61903	13:36:00	D	4.10
614	FIROZPUR	JALALABAD	S-NPP	74.28181	30.62011	13:36:00	D	2.60
615	FIROZPUR	JALALABAD	S-NPP	74.42591	30.62099	13:36:00	D	8.10
616	FIROZPUR	JALALABAD	S-NPP	74.30584	30.62367	13:36:00	D	2.10
617	FIROZPUR	JALALABAD	S-NPP	74.40054	30.62406	13:36:00	D	1.20

618	FIROZPUR	JALALABAD	S-NPP	74.16518	30.62655	13:36:00	D	4.10
619	FIROZPUR	JALALABAD	S-NPP	74.16453	30.62985	13:36:00	D	4.10
620	FIROZPUR	JALALABAD	S-NPP	74.16853	30.63045	13:36:00	D	4.90
621	FIROZPUR	JALALABAD	S-NPP	74.33714	30.63171	13:36:00	D	3.70
622	FIROZPUR	JALALABAD	S-NPP	74.27919	30.63333	13:36:00	D	2.70
623	FIROZPUR	JALALABAD	S-NPP	74.28319	30.63392	13:36:00	D	4.20
624	FIROZPUR	JALALABAD	S-NPP	74.41062	30.63575	13:36:00	D	7.50
625	FIROZPUR	JALALABAD	S-NPP	74.18387	30.63614	13:36:00	D	2.80
626	FIROZPUR	JALALABAD	S-NPP	74.19186	30.63734	13:36:00	D	3.50
627	FIROZPUR	JALALABAD	S-NPP	74.42266	30.63752	13:36:00	D	23.90
628	FIROZPUR	JALALABAD	S-NPP	74.17921	30.63885	13:36:00	D	2.60
629	FIROZPUR	JALALABAD	S-NPP	74.18321	30.63944	13:36:00	D	2.80
630	FIROZPUR	JALALABAD	S-NPP	74.33389	30.64824	13:36:00	D	8.90
631	FIROZPUR	JALALABAD	S-NPP	74.40803	30.64898	13:36:00	D	2.80
632	FIROZPUR	JALALABAD	S-NPP	74.39469	30.65382	13:36:00	D	12.90
633	FIROZPUR	JALALABAD	S-NPP	74.39870	30.65442	13:36:00	D	12.90
634	FIROZPUR	JALALABAD	S-NPP	74.39805	30.65772	13:36:00	D	12.90
635	FIROZPUR	JALALABAD	S-NPP	74.18327	30.65985	13:36:00	D	2.70
636	FIROZPUR	JALALABAD	S-NPP	74.40141	30.66162	13:36:00	D	4.50
637	FIROZPUR	JALALABAD	S-NPP	74.22198	30.67244	13:36:00	D	23.40
638	FIROZPUR	JALALABAD	S-NPP	74.30807	30.67504	13:36:00	D	48.50
639	FIROZPUR	JALALABAD	S-NPP	74.34807	30.68096	13:36:00	D	18.90
640	FIROZPUR	JALALABAD	S-NPP	74.21632	30.68101	13:36:00	D	2.10
641	FIROZPUR	JALALABAD	S-NPP	74.35208	30.68155	13:36:00	D	18.90
642	FIROZPUR	JALALABAD	S-NPP	74.44234	30.68468	13:36:00	D	22.80
643	FIROZPUR	JALALABAD	S-NPP	74.22301	30.68880	13:36:00	D	4.90
644	FIROZPUR	JALALABAD	S-NPP	74.37820	30.69563	13:36:00	D	8.80
645	FIROZPUR	JALALABAD	S-NPP	74.24442	30.70558	13:36:00	D	2.90
646	FIROZPUR	JALALABAD	S-NPP	74.22775	30.70651	13:36:00	D	1.50
647	FIROZPUR	JALALABAD	S-NPP	74.31249	30.71567	13:36:00	D	2.00
648	FIROZPUR	JALALABAD	S-NPP	74.25449	30.71728	13:36:00	D	5.20

649	FIROZPUR	JALALABAD	S-NPP	74.39779	30.78611	13:36:00	D	0.50
650	FIROZPUR	JALALABAD	S-NPP	74.29999	30.80189	13:36:00	D	2.50
651	FIROZPUR	ZIRA	S-NPP	75.24660	30.85340	13:36:00	D	3.00
652	FIROZPUR	ZIRA	S-NPP	75.37776	30.85787	13:36:00	D	7.90
653	FIROZPUR	ZIRA	S-NPP	75.37714	30.86123	13:36:00	D	2.90
654	FIROZPUR	ZIRA	S-NPP	75.25776	30.86185	13:36:00	D	2.30
655	FIROZPUR	ZIRA	S-NPP	75.34676	30.86392	13:36:00	D	4.40
656	FIROZPUR	ZIRA	S-NPP	75.38900	30.86633	13:36:00	D	1.70
657	FIROZPUR	ZIRA	S-NPP	75.34612	30.86728	13:36:00	D	4.40
658	FIROZPUR	ZIRA	S-NPP	75.22691	30.86786	13:36:00	D	6.30
659	FIROZPUR	ZIRA	S-NPP	75.14184	30.86964	13:36:00	D	11.90
660	FIROZPUR	ZIRA	S-NPP	75.23867	30.87295	13:36:00	D	2.20
661	FIROZPUR	ZIRA	S-NPP	75.21262	30.87617	13:36:00	D	1.70
662	FIROZPUR	ZIRA	S-NPP	75.35193	30.88189	13:36:00	D	3.50
663	FIROZPUR	ZIRA	S-NPP	75.20182	30.88842	13:36:00	D	2.70
664	FIROZPUR	ZIRA	S-NPP	75.22725	30.88856	13:36:00	D	4.30
665	FIROZPUR	ZIRA	S-NPP	75.35068	30.88862	13:36:00	D	5.00
666	FIROZPUR	ZIRA	S-NPP	75.20596	30.88900	13:36:00	D	2.70
667	FIROZPUR	ZIRA	S-NPP	75.24606	30.90154	13:36:00	D	1.50
668	FIROZPUR	ZIRA	S-NPP	75.24542	30.90489	13:36:00	D	10.40
669	FIROZPUR	ZIRA	S-NPP	75.24957	30.90548	13:36:00	D	8.50
670	FIROZPUR	ZIRA	S-NPP	75.28750	30.90737	13:36:00	D	9.80
671	FIROZPUR	ZIRA	S-NPP	75.35461	30.91332	13:36:00	D	0.90
672	FIROZPUR	ZIRA	S-NPP	75.18663	30.92412	13:36:00	D	8.20
673	FIROZPUR	ZIRA	S-NPP	75.24165	30.92503	13:36:00	D	4.50
674	FIROZPUR	ZIRA	S-NPP	75.26714	30.92518	13:36:00	D	2.40
675	FIROZPUR	ZIRA	S-NPP	75.34378	30.92562	13:36:00	D	2.00
676	FIROZPUR	ZIRA	S-NPP	75.20729	30.92705	13:36:00	D	4.50
677	FIROZPUR	ZIRA	S-NPP	75.21142	30.92764	13:36:00	D	6.80
678	FIROZPUR	ZIRA	S-NPP	75.26651	30.92853	13:36:00	D	7.60
679	FIROZPUR	ZIRA	S-NPP	75.19426	30.92864	13:36:00	D	19.30

680	FIROZPUR	ZIRA	S-NPP	75.19456	30.93028	13:36:00	D	25.30
681	FIROZPUR	ZIRA	S-NPP	75.33358	30.93453	13:36:00	D	6.90
682	FIROZPUR	ZIRA	S-NPP	75.33585	30.94521	13:36:00	D	2.90
683	FIROZPUR	ZIRA	S-NPP	75.30590	30.94922	13:36:00	D	7.90
684	FIROZPUR	ZIRA	S-NPP	75.06607	30.96034	13:36:00	D	1.90
685	FIROZPUR	ZIRA	S-NPP	75.09554	30.96107	13:36:00	D	5.80
686	FIROZPUR	ZIRA	S-NPP	75.09489	30.96442	13:36:00	D	5.50
687	FIROZPUR	ZIRA	S-NPP	75.10725	30.96616	13:36:00	D	1.70
688	FIROZPUR	ZIRA	S-NPP	75.27592	30.97263	13:36:00	D	4.10
689	FIROZPUR	ZIRA	TERRA-1	75.10764	30.97604	11:07:00	D	17.33
690	FIROZPUR	ZIRA	S-NPP	75.29192	30.97831	13:36:00	D	36.40
691	FIROZPUR	ZIRA	S-NPP	75.29608	30.97889	13:36:00	D	17.00
692	FIROZPUR	ZIRA	S-NPP	75.29545	30.98225	13:36:00	D	17.00
693	FIROZPUR	ZIRA	S-NPP	74.94633	30.99132	13:36:00	D	1.60
694	FIROZPUR	ZIRA	S-NPP	75.14346	30.99878	13:36:00	D	3.10
695	FIROZPUR	ZIRA	S-NPP	75.13330	31.00766	13:36:00	D	3.10
696	FIROZPUR	ZIRA	S-NPP	75.13267	31.01101	13:36:00	D	5.10
697	FIROZPUR	ZIRA	TERRA-1	75.17756	31.01946	11:07:00	D	10.05
698	FIROZPUR	ZIRA	S-NPP	74.93645	31.02238	13:36:00	D	5.10
699	FIROZPUR	ZIRA	S-NPP	74.94055	31.02296	13:36:00	D	4.50
700	FIROZPUR	ZIRA	S-NPP	74.82558	31.03055	13:36:00	D	2.60
701	FIROZPUR	ZIRA	S-NPP	75.17497	31.03421	13:36:00	D	5.80
702	FIROZPUR	ZIRA	S-NPP	75.17672	31.04935	13:36:00	D	2.70
703	FIROZPUR	ZIRA	S-NPP	74.89216	31.07776	13:36:00	D	6.60
704	FIROZPUR	ZIRA	S-NPP	74.96473	31.09499	13:36:00	D	1.20
705	GURDASPUR	BATALA	S-NPP	75.15559	31.75301	13:36:00	D	5.30
706	GURDASPUR	BATALA	S-NPP	75.03976	31.84503	13:36:00	D	1.90
707	GURDASPUR	BATALA	S-NPP	75.07722	31.87444	13:36:00	D	8.10
708	GURDASPUR	DERA BABA NANAK	S-NPP	74.97995	31.98378	13:36:00	D	2.30
709	GURDASPUR	DERA BABA NANAK	S-NPP	75.08942	31.99434	13:36:00	D	2.70
710	GURDASPUR	DERA BABA NANAK	S-NPP	75.09364	31.99493	13:36:00	D	3.80

711	GURDASPUR	DERA BABA NANAK	S-NPP	75.08994	31.99554	13:36:00	D	4.80
712	GURDASPUR	DERA BABA NANAK	S-NPP	75.11040	32.00181	13:36:00	D	4.10
713	GURDASPUR	GURDASPUR	S-NPP	75.51087	31.83345	13:36:00	D	3.60
714	GURDASPUR	GURDASPUR	S-NPP	75.12511	32.03840	13:36:00	D	2.70
715	GURDASPUR	GURDASPUR	S-NPP	75.32599	32.08337	13:36:00	D	3.90
716	GURDASPUR	GURDASPUR	S-NPP	75.32536	32.08676	13:36:00	D	3.90
717	GURDASPUR	GURDASPUR	S-NPP	75.32964	32.08735	13:36:00	D	4.10
718	HOSHIARPUR	GARHSHANKAR	S-NPP	76.12823	31.21368	13:36:00	D	4.10
719	HOSHIARPUR	HOSHIARPUR	S-NPP	75.71233	31.53748	13:36:00	D	3.30
720	JALANDHAR	JALANDHAR I	S-NPP	75.65012	31.31978	13:36:00	D	2.80
721	JALANDHAR	JALANDHAR I	S-NPP	75.62978	31.43553	13:36:00	D	3.60
722	JALANDHAR	JALANDHAR II	S-NPP	75.50444	31.27911	13:36:00	D	2.90
723	JALANDHAR	JALANDHAR II	S-NPP	75.50382	31.28249	13:36:00	D	2.90
724	JALANDHAR	JALANDHAR II	S-NPP	75.69399	31.49305	13:36:00	D	2.80
725	JALANDHAR	NAKODAR	S-NPP	75.48708	31.01229	13:36:00	D	11.60
726	JALANDHAR	NAKODAR	S-NPP	75.42241	31.10764	13:36:00	D	2.70
727	JALANDHAR	NAKODAR	S-NPP	75.35664	31.16074	13:36:00	D	5.90
728	JALANDHAR	NAKODAR	S-NPP	75.55934	31.21721	13:36:00	D	6.60
729	JALANDHAR	PHILLAUR	S-NPP	75.59077	30.98433	13:36:00	D	3.80
730	JALANDHAR	PHILLAUR	S-NPP	75.59145	30.98498	13:36:00	D	5.30
731	JALANDHAR	PHILLAUR	S-NPP	75.61057	31.02231	13:36:00	D	2.20
732	JALANDHAR	PHILLAUR	S-NPP	75.71784	31.05435	13:36:00	D	1.90
733	JALANDHAR	PHILLAUR	S-NPP	75.64237	31.08577	13:36:00	D	3.20
734	JALANDHAR	PHILLAUR	S-NPP	75.84304	31.11331	13:36:00	D	6.50
735	JALANDHAR	PHILLAUR	S-NPP	75.86220	31.13261	13:36:00	D	3.80
736	JALANDHAR	PHILLAUR	S-NPP	75.86159	31.13602	13:36:00	D	1.20
737	JALANDHAR	PHILLAUR	S-NPP	75.76826	31.14097	13:36:00	D	3.30
738	JALANDHAR	PHILLAUR	S-NPP	75.74561	31.14488	13:36:00	D	10.30
739	JALANDHAR	PHILLAUR	S-NPP	75.75846	31.14662	13:36:00	D	14.40
740	JALANDHAR	PHILLAUR	S-NPP	75.78654	31.18534	13:36:00	D	6.30
741	JALANDHAR	SHAHKOT	S-NPP	75.25023	31.04141	13:36:00	D	2.30

742	JALANDHAR	SHAHKOT	S-NPP	75.24961	31.04477	13:36:00	D	2.30
743	KAPURTHALA	BHOLATH	S-NPP	75.38663	31.57261	13:36:00	D	3.90
744	KAPURTHALA	KAPURTHALA	S-NPP	75.46234	31.24900	13:36:00	D	5.40
745	KAPURTHALA	KAPURTHALA	S-NPP	75.29581	31.26387	13:36:00	D	2.00
746	KAPURTHALA	KAPURTHALA	S-NPP	75.33197	31.34905	13:36:00	D	2.40
747	KAPURTHALA	KAPURTHALA	S-NPP	75.38045	31.51283	13:36:00	D	2.80
748	KAPURTHALA	PHAGWARA	S-NPP	75.70887	31.17824	13:36:00	D	3.60
749	KAPURTHALA	PHAGWARA	S-NPP	75.75957	31.18865	13:36:00	D	4.00
750	KAPURTHALA	PHAGWARA	S-NPP	75.80473	31.36500	13:36:00	D	3.30
751	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.07687	31.15732	13:36:00	D	5.90
752	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.08100	31.15790	13:36:00	D	5.90
753	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.24429	31.21867	13:36:00	D	7.80
754	LUDHIANA	JAGRAON	S-NPP	75.49393	30.68225	13:36:00	D	3.80
755	LUDHIANA	JAGRAON	S-NPP	75.37441	30.68288	13:36:00	D	31.50
756	LUDHIANA	JAGRAON	S-NPP	75.51354	30.69188	13:36:00	D	4.70
757	LUDHIANA	JAGRAON	S-NPP	75.51291	30.69525	13:36:00	D	4.70
758	LUDHIANA	JAGRAON	S-NPP	75.51709	30.69583	13:36:00	D	3.80
759	LUDHIANA	JAGRAON	S-NPP	75.47289	30.70352	13:36:00	D	1.60
760	LUDHIANA	JAGRAON	S-NPP	75.41215	30.70886	13:36:00	D	1.30
761	LUDHIANA	JAGRAON	S-NPP	75.52820	30.72851	13:36:00	D	31.10
762	LUDHIANA	JAGRAON	S-NPP	75.42086	30.73079	13:36:00	D	2.60
763	LUDHIANA	JAGRAON	S-NPP	75.39053	30.73343	13:36:00	D	4.10
764	LUDHIANA	JAGRAON	S-NPP	75.53701	30.75051	13:36:00	D	5.10
765	LUDHIANA	JAGRAON	S-NPP	75.41415	30.75172	13:36:00	D	2.10
766	LUDHIANA	JAGRAON	S-NPP	75.48083	30.75303	13:36:00	D	3.50
767	LUDHIANA	JAGRAON	S-NPP	75.49752	30.75537	13:36:00	D	12.60
768	LUDHIANA	JAGRAON	S-NPP	75.50587	30.75654	13:36:00	D	12.00
769	LUDHIANA	JAGRAON	S-NPP	75.50299	30.75706	13:36:00	D	23.30
770	LUDHIANA	JAGRAON	TERRA-1	75.47768	30.76195	11:07:00	D	7.83
771	LUDHIANA	JAGRAON	S-NPP	75.40663	30.79211	13:36:00	D	27.30
772	LUDHIANA	JAGRAON	S-NPP	75.53503	30.79261	13:36:00	D	3.30

773	LUDHIANA	JAGRAON	S-NPP	75.49132	30.79696	13:36:00	D	5.10
774	LUDHIANA	JAGRAON	S-NPP	75.43871	30.80348	13:36:00	D	4.20
775	LUDHIANA	JAGRAON	S-NPP	75.39330	30.81787	13:36:00	D	4.70
776	LUDHIANA	JAGRAON	S-NPP	75.50723	30.82684	13:36:00	D	2.40
777	LUDHIANA	JAGRAON	S-NPP	75.43371	30.83043	13:36:00	D	13.40
778	LUDHIANA	JAGRAON	S-NPP	75.45875	30.83393	13:36:00	D	7.30
779	LUDHIANA	JAGRAON	S-NPP	75.39017	30.83469	13:36:00	D	1.50
780	LUDHIANA	JAGRAON	S-NPP	75.37643	30.83967	13:36:00	D	5.20
781	LUDHIANA	JAGRAON	S-NPP	75.37582	30.84303	13:36:00	D	2.30
782	LUDHIANA	JAGRAON	S-NPP	75.45270	30.84346	13:36:00	D	2.20
783	LUDHIANA	JAGRAON	S-NPP	75.54665	30.84618	13:36:00	D	4.40
784	LUDHIANA	JAGRAON	S-NPP	75.45145	30.85020	13:36:00	D	0.70
785	LUDHIANA	JAGRAON	S-NPP	75.47796	30.87170	13:36:00	D	12.20
786	LUDHIANA	JAGRAON	S-NPP	75.50371	30.87177	13:36:00	D	5.40
787	LUDHIANA	JAGRAON	S-NPP	75.40025	30.87479	13:36:00	D	2.70
788	LUDHIANA	JAGRAON	S-NPP	75.52997	30.89269	13:36:00	D	3.00
789	LUDHIANA	JAGRAON	S-NPP	75.52934	30.89607	13:36:00	D	4.50
790	LUDHIANA	JAGRAON	S-NPP	75.51550	30.90109	13:36:00	D	26.30
791	LUDHIANA	JAGRAON	S-NPP	75.44118	30.90811	13:36:00	D	1.60
792	LUDHIANA	JAGRAON	S-NPP	75.48784	30.91112	13:36:00	D	5.40
793	LUDHIANA	JAGRAON	S-NPP	75.63279	30.92067	13:36:00	D	11.20
794	LUDHIANA	JAGRAON	S-NPP	75.41298	30.92147	13:36:00	D	1.20
795	LUDHIANA	JAGRAON	S-NPP	75.47446	30.93696	13:36:00	D	6.70
796	LUDHIANA	JAGRAON	S-NPP	75.63627	30.94894	13:36:00	D	5.00
797	LUDHIANA	JAGRAON	S-NPP	75.56689	30.94978	13:36:00	D	1.70
798	LUDHIANA	JAGRAON	S-NPP	75.51875	30.95350	13:36:00	D	3.10
799	LUDHIANA	JAGRAON	S-NPP	75.56143	30.95596	13:36:00	D	2.70
800	LUDHIANA	JAGRAON	S-NPP	75.44079	30.95648	13:36:00	D	1.50
801	LUDHIANA	JAGRAON	S-NPP	75.63863	30.95969	13:36:00	D	3.30
802	LUDHIANA	JAGRAON	S-NPP	75.39761	30.96189	13:36:00	D	3.70
803	LUDHIANA	JAGRAON	S-NPP	75.63802	30.96308	13:36:00	D	3.30

804	LUDHIANA	JAGRAON	AQUA-1	75.42482	30.59875	14:18:00	D	45.07
805	LUDHIANA	KHANNA	S-NPP	76.07946	30.73738	13:36:00	D	3.10
806	LUDHIANA	KHANNA	S-NPP	76.08317	30.74138	13:36:00	D	6.20
807	LUDHIANA	KHANNA	S-NPP	76.08195	30.74824	13:36:00	D	2.60
808	LUDHIANA	LUDHIANA EAST	TERRA-1	75.84651	30.73286	11:07:00	D	6.40
809	LUDHIANA	LUDHIANA EAST	S-NPP	75.81306	30.75391	13:36:00	D	2.60
810	LUDHIANA	LUDHIANA EAST	S-NPP	75.83009	30.75624	13:36:00	D	5.30
811	LUDHIANA	LUDHIANA EAST	S-NPP	75.75905	30.76392	13:36:00	D	3.90
812	LUDHIANA	LUDHIANA EAST	S-NPP	75.83305	30.78803	13:36:00	D	4.90
813	LUDHIANA	LUDHIANA EAST	S-NPP	75.81054	30.79191	13:36:00	D	2.70
814	LUDHIANA	LUDHIANA EAST	S-NPP	75.87363	30.81437	13:36:00	D	2.80
815	LUDHIANA	LUDHIANA EAST	S-NPP	75.93484	30.81558	13:36:00	D	8.50
816	LUDHIANA	LUDHIANA EAST	S-NPP	75.93311	30.81573	13:36:00	D	5.70
817	LUDHIANA	LUDHIANA EAST	S-NPP	76.09713	30.89691	13:36:00	D	3.60
818	LUDHIANA	LUDHIANA EAST	S-NPP	76.10148	30.89749	13:36:00	D	2.70
819	LUDHIANA	LUDHIANA EAST	S-NPP	76.09652	30.90034	13:36:00	D	7.30
820	LUDHIANA	LUDHIANA EAST	S-NPP	76.10086	30.90092	13:36:00	D	6.10
821	LUDHIANA	LUDHIANA EAST	S-NPP	76.09590	30.90377	13:36:00	D	7.30
822	LUDHIANA	LUDHIANA EAST	S-NPP	75.96493	30.91765	13:36:00	D	2.90
823	LUDHIANA	LUDHIANA EAST	S-NPP	76.00438	30.91951	13:36:00	D	8.30
824	LUDHIANA	LUDHIANA EAST	S-NPP	76.05196	30.92596	13:36:00	D	1.90
825	LUDHIANA	LUDHIANA EAST	S-NPP	76.04702	30.92881	13:36:00	D	3.80
826	LUDHIANA	LUDHIANA EAST	S-NPP	76.05135	30.92940	13:36:00	D	4.30
827	LUDHIANA	LUDHIANA EAST	S-NPP	75.95720	30.96467	13:36:00	D	4.70
828	LUDHIANA	LUDHIANA WEST	S-NPP	75.78867	30.79238	13:36:00	D	3.50
829	LUDHIANA	LUDHIANA WEST	S-NPP	75.80930	30.79871	13:36:00	D	3.70
830	LUDHIANA	LUDHIANA WEST	S-NPP	75.70520	30.82985	13:36:00	D	5.30
831	LUDHIANA	LUDHIANA WEST	S-NPP	75.61826	30.83181	13:36:00	D	23.30
832	LUDHIANA	LUDHIANA WEST	S-NPP	75.70458	30.83325	13:36:00	D	3.20
833	LUDHIANA	LUDHIANA WEST	S-NPP	75.75422	30.84700	13:36:00	D	5.50
834	LUDHIANA	LUDHIANA WEST	S-NPP	75.66691	30.87325	13:36:00	D	2.40

835	LUDHIANA	LUDHIANA WEST	TERRA-1	75.72154	30.90418	11:07:00	D	7.66
836	LUDHIANA	LUDHIANA WEST	S-NPP	75.72062	30.91527	13:36:00	D	2.20
837	LUDHIANA	LUDHIANA WEST	S-NPP	75.69930	30.93672	13:36:00	D	6.10
838	LUDHIANA	LUDHIANA WEST	S-NPP	75.73205	30.94815	13:36:00	D	3.10
839	LUDHIANA	PAYAL	S-NPP	76.10507	30.58484	13:36:00	D	14.70
840	LUDHIANA	PAYAL	S-NPP	75.92960	30.61318	13:36:00	D	2.20
841	LUDHIANA	PAYAL	S-NPP	75.92044	30.61545	13:36:00	D	2.40
842	LUDHIANA	PAYAL	S-NPP	75.92471	30.61602	13:36:00	D	2.40
843	LUDHIANA	PAYAL	S-NPP	75.92898	30.61660	13:36:00	D	2.20
844	LUDHIANA	PAYAL	S-NPP	75.91983	30.61885	13:36:00	D	4.10
845	LUDHIANA	PAYAL	S-NPP	75.92410	30.61943	13:36:00	D	4.10
846	LUDHIANA	PAYAL	S-NPP	75.90079	30.64425	02:18:00	N	0.60
847	LUDHIANA	PAYAL	S-NPP	75.95097	30.71672	13:36:00	D	1.70
848	LUDHIANA	PAYAL	S-NPP	75.93565	30.72865	13:36:00	D	14.40
849	LUDHIANA	PAYAL	S-NPP	75.95155	30.73778	13:36:00	D	3.50
850	LUDHIANA	PAYAL	S-NPP	75.96931	30.76117	13:36:00	D	11.20
851	LUDHIANA	PAYAL	S-NPP	76.02645	30.76186	13:36:00	D	3.00
852	LUDHIANA	PAYAL	TERRA-1	76.05918	30.76494	11:07:00	D	7.51
853	LUDHIANA	PAYAL	TERRA-1	75.96710	30.76943	11:07:00	D	12.01
854	LUDHIANA	RAIKOT	S-NPP	75.53257	30.58673	13:36:00	D	5.70
855	LUDHIANA	RAIKOT	S-NPP	75.50925	30.59732	13:36:00	D	5.80
856	LUDHIANA	RAIKOT	S-NPP	75.66349	30.59787	13:36:00	D	3.20
857	LUDHIANA	RAIKOT	S-NPP	75.60714	30.60051	13:36:00	D	1.70
858	LUDHIANA	RAIKOT	S-NPP	75.55929	30.60427	13:36:00	D	6.70
859	LUDHIANA	RAIKOT	S-NPP	75.68747	30.60811	13:36:00	D	14.80
860	LUDHIANA	RAIKOT	S-NPP	75.68686	30.61149	13:36:00	D	14.80
861	LUDHIANA	RAIKOT	S-NPP	75.71272	30.61157	13:36:00	D	2.80
862	LUDHIANA	RAIKOT	S-NPP	75.71210	30.61496	13:36:00	D	2.80
863	LUDHIANA	RAIKOT	S-NPP	75.49718	30.61637	13:36:00	D	2.60
864	LUDHIANA	RAIKOT	S-NPP	75.72475	30.61669	13:36:00	D	4.30
865	LUDHIANA	RAIKOT	S-NPP	75.63756	30.62204	13:36:00	D	4.80

866	LUDHIANA	RAIKOT	S-NPP	75.68969	30.64313	13:36:00	D	1.40
867	LUDHIANA	RAIKOT	S-NPP	75.55476	30.65210	13:36:00	D	3.70
868	LUDHIANA	RAIKOT	S-NPP	75.74810	30.65466	13:36:00	D	5.90
869	LUDHIANA	RAIKOT	S-NPP	75.64753	30.66157	13:36:00	D	1.90
870	LUDHIANA	RAIKOT	S-NPP	75.68536	30.66683	13:36:00	D	7.60
871	LUDHIANA	RAIKOT	S-NPP	75.60282	30.67303	13:36:00	D	2.90
872	LUDHIANA	RAIKOT	S-NPP	75.71423	30.67431	13:36:00	D	8.20
873	LUDHIANA	RAIKOT	S-NPP	75.60624	30.70122	13:36:00	D	5.70
874	LUDHIANA	SAMRALA	S-NPP	76.14342	30.82678	13:36:00	D	1.50
875	LUDHIANA	SAMRALA	S-NPP	76.30208	30.84101	13:36:00	D	4.60
876	LUDHIANA	SAMRALA	S-NPP	76.27267	30.85476	13:36:00	D	2.10
877	LUDHIANA	SAMRALA	S-NPP	76.15792	30.85573	13:36:00	D	3.90
878	LUDHIANA	SAMRALA	S-NPP	76.16228	30.85631	13:36:00	D	3.70
879	LUDHIANA	SAMRALA	S-NPP	76.14798	30.86146	13:36:00	D	2.70
880	LUDHIANA	SAMRALA	S-NPP	76.19324	30.88765	02:18:00	N	0.70
881	LUDHIANA	SAMRALA	S-NPP	76.22823	30.93913	13:36:00	D	13.40
882	LUDHIANA	SAMRALA	S-NPP	76.23262	30.93972	13:36:00	D	13.40
883	LUDHIANA	SAMRALA	S-NPP	76.22762	30.94258	13:36:00	D	13.40
884	LUDHIANA	SAMRALA	S-NPP	76.18637	30.97758	13:36:00	D	2.50
885	MANSA	BUDHLADA	S-NPP	75.61775	29.74871	13:36:00	D	19.60
886	MANSA	BUDHLADA	S-NPP	75.61304	29.75150	13:36:00	D	11.90
887	MANSA	BUDHLADA	S-NPP	75.61714	29.75208	13:36:00	D	19.60
888	MANSA	BUDHLADA	S-NPP	75.62125	29.75265	13:36:00	D	19.60
889	MANSA	BUDHLADA	S-NPP	75.60420	29.75371	13:36:00	D	1.40
890	MANSA	BUDHLADA	S-NPP	75.58308	29.75418	13:36:00	D	1.80
891	MANSA	BUDHLADA	S-NPP	75.63358	29.75438	13:36:00	D	7.30
892	MANSA	BUDHLADA	S-NPP	75.62064	29.75601	13:36:00	D	4.90
893	MANSA	BUDHLADA	S-NPP	75.60523	29.77109	13:36:00	D	5.50
894	MANSA	BUDHLADA	S-NPP	75.60934	29.77167	13:36:00	D	5.50
895	MANSA	BUDHLADA	S-NPP	75.61755	29.77283	13:36:00	D	7.90
896	MANSA	BUDHLADA	S-NPP	75.62167	29.77340	13:36:00	D	5.30

897	MANSA	BUDHLADA	S-NPP	75.59990	29.77723	13:36:00	D	1.90
898	MANSA	BUDHLADA	S-NPP	75.59928	29.78059	13:36:00	D	3.90
899	MANSA	BUDHLADA	S-NPP	75.61797	29.79358	13:36:00	D	2.30
900	MANSA	BUDHLADA	S-NPP	75.70766	29.81717	13:36:00	D	3.90
901	MANSA	BUDHLADA	S-NPP	75.44505	29.82528	13:36:00	D	6.00
902	MANSA	BUDHLADA	S-NPP	75.61430	29.84217	13:36:00	D	4.30
903	MANSA	BUDHLADA	S-NPP	75.68404	29.90027	13:36:00	D	3.00
904	MANSA	BUDHLADA	S-NPP	75.70824	29.90712	13:36:00	D	5.00
905	MANSA	BUDHLADA	S-NPP	75.49303	29.90927	13:36:00	D	6.60
906	MANSA	BUDHLADA	S-NPP	75.46944	29.92317	13:36:00	D	3.00
907	MANSA	BUDHLADA	S-NPP	75.51268	29.93957	13:36:00	D	6.10
908	MANSA	BUDHLADA	S-NPP	75.63148	30.05360	13:36:00	D	2.90
909	MANSA	BUDHLADA	AQUA-1	75.43198	29.81812	14:18:00	D	41.38
910	MANSA	MANSA	S-NPP	75.46473	29.92595	13:36:00	D	3.00
911	MANSA	MANSA	S-NPP	75.26755	29.92892	13:36:00	D	3.70
912	MANSA	MANSA	S-NPP	75.46796	29.95393	13:36:00	D	10.30
913	MANSA	MANSA	S-NPP	75.29974	29.95753	13:36:00	D	6.00
914	MANSA	MANSA	S-NPP	75.29912	29.96087	13:36:00	D	5.50
915	MANSA	MANSA	S-NPP	75.20059	29.97584	13:36:00	D	9.20
916	MANSA	MANSA	S-NPP	75.31501	29.98862	13:36:00	D	2.50
917	MANSA	MANSA	S-NPP	75.31314	29.99866	13:36:00	D	1.50
918	MANSA	MANSA	S-NPP	75.32288	30.01376	13:36:00	D	12.00
919	MANSA	MANSA	S-NPP	75.37246	30.01734	13:36:00	D	12.00
920	MANSA	MANSA	S-NPP	75.38632	30.03304	13:36:00	D	1.40
921	MANSA	MANSA	S-NPP	75.39958	30.05211	13:36:00	D	2.80
922	MANSA	MANSA	S-NPP	75.31884	30.05783	13:36:00	D	1.70
923	MANSA	MANSA	S-NPP	75.44216	30.07189	13:36:00	D	8.10
924	MANSA	MANSA	S-NPP	75.41384	30.08852	13:36:00	D	2.70
925	MANSA	MANSA	S-NPP	75.52065	30.10365	13:36:00	D	3.00
926	MANSA	MANSA	S-NPP	75.52003	30.10701	13:36:00	D	25.10
927	MANSA	MANSA	S-NPP	75.36661	30.14193	13:36:00	D	2.10

928	MANSA	MANSA	S-NPP	75.36349	30.15868	13:36:00	D	2.50
929	MANSA	MANSA	S-NPP	75.47150	30.16703	13:36:00	D	22.70
930	MANSA	MANSA	S-NPP	75.47087	30.17039	13:36:00	D	22.70
931	MANSA	SARDULGARH	S-NPP	75.28832	29.56298	13:36:00	D	3.40
932	MANSA	SARDULGARH	S-NPP	75.28708	29.56965	13:36:00	D	5.30
933	MANSA	SARDULGARH	S-NPP	75.28117	29.57908	13:36:00	D	4.00
934	MANSA	SARDULGARH	S-NPP	75.18806	29.68088	13:36:00	D	10.20
935	MANSA	SARDULGARH	S-NPP	75.33725	29.68163	13:36:00	D	2.40
936	MANSA	SARDULGARH	S-NPP	75.28027	29.69751	13:36:00	D	35.30
937	MANSA	SARDULGARH	S-NPP	75.22868	29.70725	13:36:00	D	2.10
938	MANSA	SARDULGARH	TERRA-1	75.34297	29.70942	11:07:00	D	8.77
939	MANSA	SARDULGARH	S-NPP	75.25291	29.71072	13:36:00	D	3.50
940	MANSA	SARDULGARH	S-NPP	75.35255	29.71124	13:36:00	D	20.90
941	MANSA	SARDULGARH	S-NPP	75.35661	29.71182	13:36:00	D	5.60
942	MANSA	SARDULGARH	S-NPP	75.26442	29.71580	13:36:00	D	2.60
943	MANSA	SARDULGARH	S-NPP	75.28960	29.73654	13:36:00	D	1.50
944	MANSA	SARDULGARH	S-NPP	75.36725	29.74422	13:36:00	D	1.90
945	MANSA	SARDULGARH	S-NPP	75.24606	29.74742	13:36:00	D	5.60
946	MANSA	SARDULGARH	S-NPP	75.38790	29.76777	13:36:00	D	1.00
947	MANSA	SARDULGARH	S-NPP	75.42146	29.79446	13:36:00	D	3.40
948	MANSA	SARDULGARH	S-NPP	75.36200	29.79980	13:36:00	D	5.40
949	MANSA	SARDULGARH	S-NPP	75.39456	29.80440	13:36:00	D	8.80
950	MANSA	SARDULGARH	S-NPP	75.22073	29.82080	13:36:00	D	2.40
951	MANSA	SARDULGARH	AQUA-1	75.21166	29.66600	14:18:00	D	39.78
952	MOGA	BAGHA PURANA	S-NPP	75.00494	30.49534	13:36:00	D	2.00
953	MOGA	BAGHA PURANA	TERRA-1	74.99168	30.54186	11:07:00	D	8.55
954	MOGA	BAGHA PURANA	S-NPP	75.12124	30.56676	13:36:00	D	10.40
955	MOGA	BAGHA PURANA	S-NPP	75.12691	30.58129	13:36:00	D	25.60
956	MOGA	BAGHA PURANA	S-NPP	75.12627	30.58463	13:36:00	D	9.80
957	MOGA	BAGHA PURANA	S-NPP	75.10865	30.58897	13:36:00	D	3.10
958	MOGA	BAGHA PURANA	S-NPP	75.15902	30.58931	13:36:00	D	6.70

959	MOGA	BAGHA PURANA	S-NPP	75.11274	30.58956	13:36:00	D	7.70
960	MOGA	BAGHA PURANA	S-NPP	75.12092	30.59073	13:36:00	D	2.80
961	MOGA	BAGHA PURANA	S-NPP	75.10801	30.59232	13:36:00	D	3.10
962	MOGA	BAGHA PURANA	S-NPP	75.04164	30.61190	13:36:00	D	5.70
963	MOGA	BAGHA PURANA	S-NPP	75.04101	30.61523	13:36:00	D	5.70
964	MOGA	BAGHA PURANA	S-NPP	75.13981	30.62581	13:36:00	D	5.80
965	MOGA	BAGHA PURANA	S-NPP	75.04256	30.62916	13:36:00	D	3.30
966	MOGA	BAGHA PURANA	S-NPP	75.03559	30.66587	13:36:00	D	22.50
967	MOGA	BAGHA PURANA	S-NPP	74.99288	30.67003	13:36:00	D	3.00
968	MOGA	BAGHA PURANA	S-NPP	74.97829	30.68718	13:36:00	D	1.60
969	MOGA	BAGHA PURANA	S-NPP	74.91526	30.68847	13:36:00	D	27.00
970	MOGA	BAGHA PURANA	S-NPP	74.91463	30.69181	13:36:00	D	27.00
971	MOGA	BAGHA PURANA	S-NPP	75.04174	30.70646	13:36:00	D	30.50
972	MOGA	BAGHA PURANA	S-NPP	75.04520	30.71038	13:36:00	D	30.50
973	MOGA	BAGHA PURANA	TERRA-1	74.97463	30.71553	11:07:00	D	8.81
974	MOGA	BAGHA PURANA	S-NPP	75.06438	30.71996	13:36:00	D	2.90
975	MOGA	BAGHA PURANA	S-NPP	75.06376	30.72330	13:36:00	D	3.20
976	MOGA	BAGHA PURANA	S-NPP	75.01686	30.72692	13:36:00	D	10.50
977	MOGA	BAGHA PURANA	S-NPP	74.91512	30.73294	13:36:00	D	7.10
978	MOGA	BAGHA PURANA	S-NPP	74.91856	30.73686	13:36:00	D	2.80
979	MOGA	BAGHA PURANA	S-NPP	74.94173	30.74702	13:36:00	D	8.90
980	MOGA	MOGA	S-NPP	75.26988	30.71984	13:36:00	D	4.80
981	MOGA	MOGA	S-NPP	75.26100	30.72202	13:36:00	D	5.60
982	MOGA	MOGA	S-NPP	75.25790	30.72312	13:36:00	D	5.50
983	MOGA	MOGA	S-NPP	75.27479	30.74613	13:36:00	D	2.80
984	MOGA	MOGA	S-NPP	75.23636	30.74763	13:36:00	D	5.80
985	MOGA	MOGA	S-NPP	75.37611	30.74990	13:36:00	D	6.30
986	MOGA	MOGA	S-NPP	75.23161	30.75040	13:36:00	D	5.00
987	MOGA	MOGA	S-NPP	75.20560	30.75363	13:36:00	D	3.10
988	MOGA	MOGA	S-NPP	75.20498	30.75698	13:36:00	D	6.10
989	MOGA	MOGA	S-NPP	75.21958	30.76935	13:36:00	D	10.50

990	MOGA	MOGA	S-NPP	75.20658	30.77096	13:36:00	D	17.00
991	MOGA	MOGA	S-NPP	75.21070	30.77154	13:36:00	D	17.00
992	MOGA	MOGA	S-NPP	75.12114	30.77605	13:36:00	D	16.80
993	MOGA	MOGA	S-NPP	75.12872	30.78057	13:36:00	D	5.40
994	MOGA	MOGA	S-NPP	75.34720	30.79071	13:36:00	D	3.40
995	MOGA	MOGA	S-NPP	75.22342	30.79398	13:36:00	D	15.20
996	MOGA	MOGA	S-NPP	75.22279	30.79733	13:36:00	D	15.20
997	MOGA	MOGA	S-NPP	75.13378	30.79846	13:36:00	D	10.30
998	MOGA	MOGA	S-NPP	75.04509	30.79953	13:36:00	D	5.10
999	MOGA	MOGA	S-NPP	75.37792	30.80881	13:36:00	D	3.80
1000	MOGA	MOGA	S-NPP	75.11481	30.80949	13:36:00	D	2.10
1001	MOGA	MOGA	S-NPP	75.11492	30.81088	13:36:00	D	2.00
1002	MOGA	MOGA	S-NPP	75.12715	30.81126	13:36:00	D	21.60
1003	MOGA	MOGA	S-NPP	75.12315	30.81203	13:36:00	D	12.50
1004	MOGA	MOGA	S-NPP	74.96921	30.82457	13:36:00	D	3.40
1005	MOGA	MOGA	S-NPP	75.30938	30.83367	13:36:00	D	2.50
1006	MOGA	MOGA	S-NPP	75.11271	30.84491	13:36:00	D	2.90
1007	MOGA	MOGA	AQUA-1	75.22121	30.72362	14:18:00	D	66.66
1008	MOGA	NIHAL SINGH WALA	S-NPP	75.22334	30.51599	13:36:00	D	4.80
1009	MOGA	NIHAL SINGH WALA	S-NPP	75.37031	30.54346	13:36:00	D	3.10
1010	MOGA	NIHAL SINGH WALA	S-NPP	75.29579	30.55712	13:36:00	D	6.70
1011	MOGA	NIHAL SINGH WALA	S-NPP	75.37193	30.55747	13:36:00	D	1.40
1012	MOGA	NIHAL SINGH WALA	S-NPP	75.38474	30.57994	13:36:00	D	6.30
1013	MOGA	NIHAL SINGH WALA	S-NPP	75.38411	30.58330	13:36:00	D	6.30
1014	MOGA	NIHAL SINGH WALA	S-NPP	75.35204	30.59602	13:36:00	D	4.20
1015	MOGA	NIHAL SINGH WALA	S-NPP	75.31363	30.59750	13:36:00	D	8.00
1016	MOGA	NIHAL SINGH WALA	S-NPP	75.31775	30.59808	13:36:00	D	8.00
1017	MOGA	NIHAL SINGH WALA	S-NPP	75.24933	30.60216	13:36:00	D	4.20
1018	MOGA	NIHAL SINGH WALA	S-NPP	75.30700	30.61033	13:36:00	D	2.20
1019	MOGA	NIHAL SINGH WALA	S-NPP	75.37849	30.61354	13:36:00	D	2.20
1020	MOGA	NIHAL SINGH WALA	S-NPP	75.25198	30.63473	13:36:00	D	3.40

1021	MOGA	NIHAL SINGH WALA	S-NPP	75.36184	30.63630	13:36:00	D	2.20
1022	MOGA	NIHAL SINGH WALA	S-NPP	75.25136	30.63808	13:36:00	D	3.40
1023	MOGA	NIHAL SINGH WALA	S-NPP	75.24123	30.64698	13:36:00	D	9.30
1024	MOGA	NIHAL SINGH WALA	S-NPP	75.27616	30.68631	13:36:00	D	5.90
1025	MOGA	NIHAL SINGH WALA	S-NPP	75.22294	30.69942	13:36:00	D	2.90
1026	MOGA	NIHAL SINGH WALA	S-NPP	75.22706	30.70001	13:36:00	D	6.00
1027	MOGA	NIHAL SINGH WALA	S-NPP	75.22231	30.70277	13:36:00	D	2.90
1028	MOGA	NIHAL SINGH WALA	S-NPP	75.23752	30.71181	13:36:00	D	6.80
1029	MOGA	NIHAL SINGH WALA	S-NPP	75.24165	30.71240	13:36:00	D	6.60
1030	MUKTSAR	GIDDARBAHA	S-NPP	74.62291	30.14953	13:36:00	D	2.30
1031	MUKTSAR	GIDDARBAHA	S-NPP	74.60114	30.17697	13:36:00	D	2.20
1032	MUKTSAR	GIDDARBAHA	S-NPP	74.61452	30.21586	13:36:00	D	4.70
1033	MUKTSAR	GIDDARBAHA	S-NPP	74.61787	30.21976	13:36:00	D	3.40
1034	MUKTSAR	GIDDARBAHA	S-NPP	74.66595	30.22678	13:36:00	D	2.60
1035	MUKTSAR	GIDDARBAHA	S-NPP	74.62732	30.23476	13:36:00	D	2.10
1036	MUKTSAR	GIDDARBAHA	S-NPP	74.61339	30.24293	13:36:00	D	1.60
1037	MUKTSAR	GIDDARBAHA	S-NPP	74.61275	30.24625	13:36:00	D	3.50
1038	MUKTSAR	GIDDARBAHA	S-NPP	74.70094	30.25915	13:36:00	D	3.80
1039	MUKTSAR	GIDDARBAHA	S-NPP	74.52630	30.26757	13:36:00	D	4.60
1040	MUKTSAR	GIDDARBAHA	S-NPP	74.52900	30.27478	13:36:00	D	3.10
1041	MUKTSAR	GIDDARBAHA	S-NPP	74.73132	30.29427	13:36:00	D	8.00
1042	MUKTSAR	GIDDARBAHA	S-NPP	74.51674	30.29588	13:36:00	D	1.80
1043	MUKTSAR	GIDDARBAHA	S-NPP	74.73067	30.29758	13:36:00	D	3.90
1044	MUKTSAR	GIDDARBAHA	S-NPP	74.71671	30.30577	13:36:00	D	2.90
1045	MUKTSAR	GIDDARBAHA	S-NPP	74.64365	30.32126	13:36:00	D	2.40
1046	MUKTSAR	GIDDARBAHA	S-NPP	74.62296	30.32165	13:36:00	D	2.00
1047	MUKTSAR	GIDDARBAHA	S-NPP	74.58030	30.32903	13:36:00	D	10.90
1048	MUKTSAR	GIDDARBAHA	S-NPP	74.73268	30.33080	13:36:00	D	3.10
1049	MUKTSAR	GIDDARBAHA	S-NPP	74.64173	30.33120	13:36:00	D	8.40
1050	MUKTSAR	GIDDARBAHA	S-NPP	74.60835	30.33314	13:36:00	D	2.40
1051	MUKTSAR	GIDDARBAHA	S-NPP	74.64109	30.33452	13:36:00	D	8.40

1052	MUKTSAR	GIDDARBAHA	S-NPP	74.76021	30.33820	13:36:00	D	1.30
1053	MUKTSAR	GIDDARBAHA	S-NPP	74.60643	30.34307	13:36:00	D	19.70
1054	MUKTSAR	GIDDARBAHA	S-NPP	74.70937	30.34447	13:36:00	D	3.70
1055	MUKTSAR	GIDDARBAHA	S-NPP	74.53973	30.34691	13:36:00	D	18.10
1056	MUKTSAR	GIDDARBAHA	S-NPP	74.70955	30.36495	13:36:00	D	30.00
1057	MUKTSAR	GIDDARBAHA	S-NPP	74.74915	30.37412	13:36:00	D	1.60
1058	MUKTSAR	GIDDARBAHA	S-NPP	74.78202	30.37548	13:36:00	D	1.90
1059	MUKTSAR	GIDDARBAHA	S-NPP	74.79686	30.38446	13:36:00	D	1.60
1060	MUKTSAR	GIDDARBAHA	S-NPP	74.75932	30.38583	13:36:00	D	6.60
1061	MUKTSAR	GIDDARBAHA	S-NPP	74.76334	30.38642	13:36:00	D	6.60
1062	MUKTSAR	GIDDARBAHA	S-NPP	74.57272	30.38922	13:36:00	D	2.20
1063	MUKTSAR	GIDDARBAHA	S-NPP	74.74743	30.40457	13:36:00	D	2.30
1064	MUKTSAR	GIDDARBAHA	S-NPP	74.75017	30.41179	13:36:00	D	6.80
1065	MUKTSAR	GIDDARBAHA	S-NPP	74.70003	30.43781	13:36:00	D	13.80
1066	MUKTSAR	GIDDARBAHA	S-NPP	74.63922	30.45282	13:36:00	D	5.20
1067	MUKTSAR	GIDDARBAHA	S-NPP	74.61847	30.45320	13:36:00	D	2.30
1068	MUKTSAR	GIDDARBAHA	S-NPP	74.64276	30.47720	13:36:00	D	8.30
1069	MUKTSAR	GIDDARBAHA	AQUA-1	74.60459	30.20200	14:18:00	D	30.42
1070	MUKTSAR	GIDDARBAHA	AQUA-1	74.65745	30.23044	14:18:00	D	33.20
1071	MUKTSAR	MALAUT	S-NPP	74.54314	29.94175	13:36:00	D	5.60
1072	MUKTSAR	MALAUT	S-NPP	74.55905	29.94411	13:36:00	D	4.00
1073	MUKTSAR	MALAUT	S-NPP	74.54647	29.94565	13:36:00	D	26.50
1074	MUKTSAR	MALAUT	S-NPP	74.55045	29.94624	13:36:00	D	26.50
1075	MUKTSAR	MALAUT	S-NPP	74.54583	29.94896	13:36:00	D	26.50
1076	MUKTSAR	MALAUT	S-NPP	74.54980	29.94954	13:36:00	D	26.50
1077	MUKTSAR	MALAUT	S-NPP	74.56253	29.96844	13:36:00	D	4.40
1078	MUKTSAR	MALAUT	S-NPP	74.56189	29.97175	13:36:00	D	4.40
1079	MUKTSAR	MALAUT	TERRA-1	74.55514	29.97442	11:07:00	D	5.96
1080	MUKTSAR	MALAUT	S-NPP	74.48283	29.98004	13:36:00	D	3.40
1081	MUKTSAR	MALAUT	S-NPP	74.48681	29.98063	13:36:00	D	3.40
1082	MUKTSAR	MALAUT	S-NPP	74.51459	29.98474	13:36:00	D	51.00

1083	MUKTSAR	MALAUT	S-NPP	74.51395	29.98805	13:36:00	D	29.50
1084	MUKTSAR	MALAUT	S-NPP	74.49747	29.98901	13:36:00	D	4.80
1085	MUKTSAR	MALAUT	S-NPP	74.50135	29.98959	13:36:00	D	4.80
1086	MUKTSAR	MALAUT	S-NPP	74.45638	29.98973	13:36:00	D	6.50
1087	MUKTSAR	MALAUT	S-NPP	74.48090	29.98996	13:36:00	D	5.60
1088	MUKTSAR	MALAUT	S-NPP	74.60354	29.99105	13:36:00	D	9.10
1089	MUKTSAR	MALAUT	S-NPP	74.51664	29.99525	13:36:00	D	10.00
1090	MUKTSAR	MALAUT	S-NPP	74.54119	29.99547	13:36:00	D	1.50
1091	MUKTSAR	MALAUT	S-NPP	74.51600	29.99856	13:36:00	D	10.00
1092	MUKTSAR	MALAUT	S-NPP	74.58566	29.99863	13:36:00	D	2.70
1093	MUKTSAR	MALAUT	S-NPP	74.49091	30.00164	13:36:00	D	3.20
1094	MUKTSAR	MALAUT	S-NPP	74.47370	30.00590	13:36:00	D	2.50
1095	MUKTSAR	MALAUT	S-NPP	74.55122	30.00716	13:36:00	D	3.80
1096	MUKTSAR	MALAUT	S-NPP	74.55455	30.01105	13:36:00	D	3.80
1097	MUKTSAR	MALAUT	S-NPP	74.57912	30.01127	13:36:00	D	4.80
1098	MUKTSAR	MALAUT	S-NPP	74.57848	30.01458	13:36:00	D	4.80
1099	MUKTSAR	MALAUT	S-NPP	74.49232	30.01546	13:36:00	D	3.30
1100	MUKTSAR	MALAUT	S-NPP	74.57719	30.02119	13:36:00	D	44.10
1101	MUKTSAR	MALAUT	S-NPP	74.66628	30.02749	13:36:00	D	2.30
1102	MUKTSAR	MALAUT	S-NPP	74.57063	30.03384	13:36:00	D	1.90
1103	MUKTSAR	MALAUT	S-NPP	74.57333	30.04105	13:36:00	D	3.60
1104	MUKTSAR	MALAUT	S-NPP	74.63448	30.04325	13:36:00	D	3.00
1105	MUKTSAR	MALAUT	S-NPP	74.58929	30.04340	13:36:00	D	2.20
1106	MUKTSAR	MALAUT	S-NPP	74.59328	30.04399	13:36:00	D	4.30
1107	MUKTSAR	MALAUT	S-NPP	74.45272	30.05040	13:36:00	D	4.40
1108	MUKTSAR	MALAUT	S-NPP	74.68642	30.05087	13:36:00	D	3.10
1109	MUKTSAR	MALAUT	S-NPP	74.56678	30.05369	13:36:00	D	1.50
1110	MUKTSAR	MALAUT	S-NPP	74.60332	30.05568	13:36:00	D	4.10
1111	MUKTSAR	MALAUT	S-NPP	74.67251	30.05905	13:36:00	D	4.50
1112	MUKTSAR	MALAUT	S-NPP	74.45477	30.06091	13:36:00	D	2.70
1113	MUKTSAR	MALAUT	S-NPP	74.45412	30.06422	13:36:00	D	2.70

1114	MUKTSAR	MALAUT	S-NPP	74.53565	30.06610	13:36:00	D	4.00
1115	MUKTSAR	MALAUT	S-NPP	74.60540	30.06620	13:36:00	D	3.70
1116	MUKTSAR	MALAUT	S-NPP	74.60939	30.06679	13:36:00	D	3.70
1117	MUKTSAR	MALAUT	S-NPP	74.39271	30.06789	13:36:00	D	1.60
1118	MUKTSAR	MALAUT	S-NPP	74.53501	30.06941	13:36:00	D	4.00
1119	MUKTSAR	MALAUT	S-NPP	74.39474	30.07839	13:36:00	D	2.60
1120	MUKTSAR	MALAUT	S-NPP	74.48884	30.07873	13:36:00	D	4.10
1121	MUKTSAR	MALAUT	S-NPP	74.49282	30.07932	13:36:00	D	4.10
1122	MUKTSAR	MALAUT	S-NPP	74.54196	30.07976	13:36:00	D	4.30
1123	MUKTSAR	MALAUT	S-NPP	74.39410	30.08170	13:36:00	D	2.60
1124	MUKTSAR	MALAUT	S-NPP	74.54131	30.08307	13:36:00	D	4.30
1125	MUKTSAR	MALAUT	S-NPP	74.43391	30.08760	13:36:00	D	14.80
1126	MUKTSAR	MALAUT	S-NPP	74.39280	30.08830	13:36:00	D	5.10
1127	MUKTSAR	MALAUT	S-NPP	74.42530	30.08973	13:36:00	D	3.00
1128	MUKTSAR	MALAUT	S-NPP	74.47430	30.09019	13:36:00	D	6.40
1129	MUKTSAR	MALAUT	S-NPP	74.47829	30.09078	13:36:00	D	7.90
1130	MUKTSAR	MALAUT	S-NPP	74.56796	30.09379	13:36:00	D	5.90
1131	MUKTSAR	MALAUT	S-NPP	74.57195	30.09438	13:36:00	D	5.90
1132	MUKTSAR	MALAUT	S-NPP	74.46912	30.09622	13:36:00	D	3.50
1133	MUKTSAR	MALAUT	S-NPP	74.39085	30.09822	13:36:00	D	2.50
1134	MUKTSAR	MALAUT	S-NPP	74.47970	30.10460	13:36:00	D	9.00
1135	MUKTSAR	MALAUT	S-NPP	74.55677	30.10916	13:36:00	D	6.40
1136	MUKTSAR	MALAUT	S-NPP	74.42142	30.10956	13:36:00	D	3.40
1137	MUKTSAR	MALAUT	S-NPP	74.56874	30.11092	13:36:00	D	5.70
1138	MUKTSAR	MALAUT	S-NPP	74.55612	30.11247	13:36:00	D	6.40
1139	MUKTSAR	MALAUT	S-NPP	74.46062	30.11877	13:36:00	D	3.30
1140	MUKTSAR	MALAUT	S-NPP	74.49640	30.12407	13:36:00	D	3.30
1141	MUKTSAR	MALAUT	S-NPP	74.38503	30.12796	13:36:00	D	2.30
1142	MUKTSAR	MALAUT	S-NPP	74.51917	30.15466	13:36:00	D	4.30
1143	MUKTSAR	MALAUT	S-NPP	74.40153	30.17087	13:36:00	D	3.40
1144	MUKTSAR	MALAUT	S-NPP	74.40551	30.17146	13:36:00	D	3.30

1145	MUKTSAR	MALAUT	S-NPP	74.45533	30.18904	13:36:00	D	2.00
1146	MUKTSAR	MALAUT	S-NPP	74.43752	30.19661	13:36:00	D	2.90
1147	MUKTSAR	MALAUT	S-NPP	74.38448	30.21595	13:36:00	D	12.50
1148	MUKTSAR	MALAUT	S-NPP	74.38522	30.23307	13:36:00	D	25.70
1149	MUKTSAR	MALAUT	S-NPP	74.40517	30.23603	13:36:00	D	1.60
1150	MUKTSAR	MALAUT	S-NPP	74.40916	30.23663	13:36:00	D	3.10
1151	MUKTSAR	MALAUT	S-NPP	74.36214	30.26705	13:36:00	D	4.90
1152	MUKTSAR	MALAUT	S-NPP	74.36170	30.26958	13:36:00	D	9.60
1153	MUKTSAR	MALAUT	S-NPP	74.42082	30.28174	13:36:00	D	23.70
1154	MUKTSAR	MALAUT	S-NPP	74.50216	30.30735	13:36:00	D	8.10
1155	MUKTSAR	MALAUT	S-NPP	74.50152	30.31066	13:36:00	D	5.30
1156	MUKTSAR	MALAUT	S-NPP	74.43896	30.31504	13:36:00	D	4.00
1157	MUKTSAR	MALAUT	S-NPP	74.44296	30.31563	13:36:00	D	5.80
1158	MUKTSAR	MALAUT	S-NPP	74.44695	30.31622	13:36:00	D	5.80
1159	MUKTSAR	MALAUT	S-NPP	74.40517	30.34065	13:36:00	D	3.90
1160	MUKTSAR	MALAUT	S-NPP	74.34351	30.36211	13:36:00	D	6.90
1161	MUKTSAR	MALAUT	AQUA-1	74.48352	30.14061	14:18:00	D	33.99
1162	MUKTSAR	MALAUT	AQUA-1	74.49886	30.29332	14:18:00	D	26.14
1163	MUKTSAR	MUKTSAR	S-NPP	74.44913	30.34716	13:36:00	D	10.20
1164	MUKTSAR	MUKTSAR	S-NPP	74.41985	30.34963	13:36:00	D	2.20
1165	MUKTSAR	MUKTSAR	S-NPP	74.39468	30.41690	13:36:00	D	9.60
1166	MUKTSAR	MUKTSAR	S-NPP	74.44267	30.42399	13:36:00	D	2.80
1167	MUKTSAR	MUKTSAR	S-NPP	74.45068	30.42517	13:36:00	D	3.50
1168	MUKTSAR	MUKTSAR	S-NPP	74.55680	30.43056	13:36:00	D	1.60
1169	MUKTSAR	MUKTSAR	S-NPP	74.44874	30.43509	13:36:00	D	4.20
1170	MUKTSAR	MUKTSAR	S-NPP	74.52679	30.43637	13:36:00	D	8.20
1171	MUKTSAR	MUKTSAR	S-NPP	74.32096	30.43659	13:36:00	D	3.10
1172	MUKTSAR	MUKTSAR	S-NPP	74.32496	30.43718	13:36:00	D	3.10
1173	MUKTSAR	MUKTSAR	S-NPP	74.53481	30.43755	13:36:00	D	32.10
1174	MUKTSAR	MUKTSAR	S-NPP	74.44809	30.43840	13:36:00	D	8.10
1175	MUKTSAR	MUKTSAR	S-NPP	74.33630	30.44227	13:36:00	D	11.30

1176	MUKTSAR	MUKTSAR	S-NPP	74.45945	30.44348	13:36:00	D	9.70
1177	MUKTSAR	MUKTSAR	S-NPP	74.33565	30.44557	13:36:00	D	11.30
1178	MUKTSAR	MUKTSAR	S-NPP	74.55759	30.44770	13:36:00	D	8.20
1179	MUKTSAR	MUKTSAR	S-NPP	74.47884	30.44975	13:36:00	D	2.20
1180	MUKTSAR	MUKTSAR	S-NPP	74.68493	30.47312	13:36:00	D	4.00
1181	MUKTSAR	MUKTSAR	S-NPP	74.47366	30.47621	13:36:00	D	5.20
1182	MUKTSAR	MUKTSAR	S-NPP	74.70908	30.47663	13:36:00	D	2.80
1183	MUKTSAR	MUKTSAR	S-NPP	74.44639	30.48920	13:36:00	D	2.50
1184	MUKTSAR	MUKTSAR	S-NPP	74.47909	30.49063	13:36:00	D	2.30
1185	MUKTSAR	MUKTSAR	S-NPP	74.49111	30.49240	13:36:00	D	10.90
1186	MUKTSAR	MUKTSAR	S-NPP	74.51582	30.49264	13:36:00	D	2.80
1187	MUKTSAR	MUKTSAR	S-NPP	74.51116	30.49536	13:36:00	D	8.90
1188	MUKTSAR	MUKTSAR	S-NPP	74.58134	30.49547	13:36:00	D	1.80
1189	MUKTSAR	MUKTSAR	S-NPP	74.51517	30.49595	13:36:00	D	6.60
1190	MUKTSAR	MUKTSAR	S-NPP	74.57267	30.49760	13:36:00	D	1.70
1191	MUKTSAR	MUKTSAR	S-NPP	74.66772	30.49789	13:36:00	D	3.10
1192	MUKTSAR	MUKTSAR	S-NPP	74.50651	30.49808	13:36:00	D	8.90
1193	MUKTSAR	MUKTSAR	S-NPP	74.67175	30.49847	13:36:00	D	3.80
1194	MUKTSAR	MUKTSAR	S-NPP	74.51052	30.49867	13:36:00	D	8.90
1195	MUKTSAR	MUKTSAR	S-NPP	74.49383	30.49961	13:36:00	D	5.30
1196	MUKTSAR	MUKTSAR	S-NPP	74.61687	30.50408	13:36:00	D	6.70
1197	MUKTSAR	MUKTSAR	S-NPP	74.44340	30.50493	13:36:00	D	17.70
1198	MUKTSAR	MUKTSAR	S-NPP	74.54535	30.51062	13:36:00	D	3.70
1199	MUKTSAR	MUKTSAR	S-NPP	74.56141	30.51298	13:36:00	D	1.60
1200	MUKTSAR	MUKTSAR	S-NPP	74.38409	30.51320	13:36:00	D	19.90
1201	MUKTSAR	MUKTSAR	S-NPP	74.58519	30.51888	13:36:00	D	11.90
1202	MUKTSAR	MUKTSAR	S-NPP	74.42413	30.51911	13:36:00	D	6.70
1203	MUKTSAR	MUKTSAR	S-NPP	74.45284	30.51993	13:36:00	D	4.80
1204	MUKTSAR	MUKTSAR	S-NPP	74.53905	30.52236	13:36:00	D	9.70
1205	MUKTSAR	MUKTSAR	S-NPP	74.55318	30.53465	13:36:00	D	4.70
1206	MUKTSAR	MUKTSAR	S-NPP	74.58872	30.54324	13:36:00	D	2.80

1207	MUKTSAR	MUKTSAR	S-NPP	74.67117	30.54502	13:36:00	D	3.90
1208	MUKTSAR	MUKTSAR	S-NPP	74.67520	30.54560	13:36:00	D	3.90
1209	MUKTSAR	MUKTSAR	S-NPP	74.55462	30.54848	13:36:00	D	12.30
1210	MUKTSAR	MUKTSAR	S-NPP	74.65376	30.54930	13:36:00	D	2.10
1211	MUKTSAR	MUKTSAR	S-NPP	74.70343	30.54969	13:36:00	D	4.10
1212	MUKTSAR	MUKTSAR	S-NPP	74.65779	30.54989	13:36:00	D	2.10
1213	MUKTSAR	MUKTSAR	S-NPP	74.45904	30.55147	13:36:00	D	1.70
1214	MUKTSAR	MUKTSAR	S-NPP	74.56202	30.55297	13:36:00	D	84.50
1215	MUKTSAR	MUKTSAR	S-NPP	74.70279	30.55301	13:36:00	D	4.10
1216	MUKTSAR	MUKTSAR	S-NPP	74.51653	30.55312	13:36:00	D	8.20
1217	MUKTSAR	MUKTSAR	S-NPP	74.70683	30.55359	13:36:00	D	4.10
1218	MUKTSAR	MUKTSAR	S-NPP	74.40898	30.55430	13:36:00	D	78.90
1219	MUKTSAR	MUKTSAR	S-NPP	74.58614	30.55649	13:36:00	D	2.40
1220	MUKTSAR	MUKTSAR	S-NPP	74.56539	30.55687	13:36:00	D	67.40
1221	MUKTSAR	MUKTSAR	S-NPP	74.41235	30.55820	13:36:00	D	2.50
1222	MUKTSAR	MUKTSAR	S-NPP	74.37899	30.56008	13:36:00	D	3.00
1223	MUKTSAR	MUKTSAR	S-NPP	74.41170	30.56151	13:36:00	D	49.10
1224	MUKTSAR	MUKTSAR	S-NPP	74.53066	30.56540	13:36:00	D	3.50
1225	MUKTSAR	MUKTSAR	S-NPP	74.41440	30.56872	13:36:00	D	50.30
1226	MUKTSAR	MUKTSAR	S-NPP	74.56683	30.57071	13:36:00	D	2.60
1227	MUKTSAR	MUKTSAR	S-NPP	74.57085	30.57130	13:36:00	D	2.60
1228	MUKTSAR	MUKTSAR	S-NPP	74.65733	30.57369	13:36:00	D	5.70
1229	MUKTSAR	MUKTSAR	S-NPP	74.67345	30.57604	13:36:00	D	6.50
1230	MUKTSAR	MUKTSAR	S-NPP	74.39642	30.57627	13:36:00	D	18.70
1231	MUKTSAR	MUKTSAR	S-NPP	74.40042	30.57686	13:36:00	D	8.50
1232	MUKTSAR	MUKTSAR	TERRA-1	74.39314	30.57929	11:07:00	D	14.45
1233	MUKTSAR	MUKTSAR	S-NPP	74.37108	30.57932	13:36:00	D	2.40
1234	MUKTSAR	MUKTSAR	S-NPP	74.37910	30.58051	13:36:00	D	3.20
1235	MUKTSAR	MUKTSAR	S-NPP	74.38310	30.58110	13:36:00	D	4.10
1236	MUKTSAR	MUKTSAR	S-NPP	74.39912	30.58347	13:36:00	D	2.40
1237	MUKTSAR	MUKTSAR	S-NPP	74.40314	30.58407	13:36:00	D	2.40

1238	MUKTSAR	MUKTSAR	S-NPP	74.48531	30.58599	13:36:00	D	5.90
1239	MUKTSAR	MUKTSAR	S-NPP	74.39848	30.58678	13:36:00	D	5.90
1240	MUKTSAR	MUKTSAR	S-NPP	74.40249	30.58737	13:36:00	D	5.90
1241	MUKTSAR	MUKTSAR	S-NPP	74.46201	30.59958	13:36:00	D	11.40
1242	MUKTSAR	MUKTSAR	S-NPP	74.59386	30.60193	13:36:00	D	7.30
1243	MUKTSAR	MUKTSAR	S-NPP	74.62672	30.60332	13:36:00	D	1.90
1244	MUKTSAR	MUKTSAR	S-NPP	74.59322	30.60524	13:36:00	D	7.30
1245	MUKTSAR	MUKTSAR	S-NPP	74.61545	30.61872	13:36:00	D	2.60
1246	MUKTSAR	MUKTSAR	S-NPP	74.61948	30.61931	13:36:00	D	2.60
1247	MUKTSAR	MUKTSAR	S-NPP	74.56982	30.62502	13:36:00	D	7.90
1248	MUKTSAR	MUKTSAR	S-NPP	74.56917	30.62833	13:36:00	D	7.90
1249	MUKTSAR	MUKTSAR	S-NPP	74.53504	30.63357	13:36:00	D	3.90
1250	MUKTSAR	MUKTSAR	S-NPP	74.49159	30.64425	13:36:00	D	3.60
1251	MUKTSAR	MUKTSAR	S-NPP	74.53325	30.66397	13:36:00	D	6.40
1252	MUKTSAR	MUKTSAR	S-NPP	74.51184	30.66764	13:36:00	D	1.10
1253	MUKTSAR	MUKTSAR	AQUA-1	74.48522	30.53437	14:18:00	D	30.78
1254	NAWASHAHR	NAWASHAHR	S-NPP	76.04504	31.01859	13:36:00	D	3.30
1255	NAWASHAHR	NAWASHAHR	S-NPP	76.16719	31.03501	13:36:00	D	7.20
1256	NAWASHAHR	NAWASHAHR	S-NPP	76.16657	31.03845	13:36:00	D	2.80
1257	NAWASHAHR	NAWASHAHR	S-NPP	76.09796	31.07743	13:36:00	D	6.20
1258	NAWASHAHR	NAWASHAHR	S-NPP	75.99476	31.08127	13:36:00	D	2.60
1259	NAWASHAHR	NAWASHAHR	S-NPP	76.03447	31.08306	13:36:00	D	2.00
1260	NAWASHAHR	NAWASHAHR	S-NPP	76.07429	31.08484	13:36:00	D	6.00
1261	NAWASHAHR	NAWASHAHR	S-NPP	75.97557	31.08922	13:36:00	D	4.60
1262	NAWASHAHR	NAWASHAHR	S-NPP	76.16302	31.08956	13:36:00	D	3.40
1263	NAWASHAHR	NAWASHAHR	S-NPP	76.09380	31.15084	13:36:00	D	3.50
1264	NAWASHAHR	NAWASHAHR	S-NPP	76.04559	31.17454	13:36:00	D	3.30
1265	PATIALA	NABHA	S-NPP	76.14106	30.32494	13:36:00	D	20.80
1266	PATIALA	NABHA	S-NPP	76.14044	30.32837	13:36:00	D	20.80
1267	PATIALA	NABHA	S-NPP	76.32566	30.51395	13:36:00	D	3.90
1268	PATIALA	NABHA	S-NPP	76.32506	30.51740	13:36:00	D	3.90

1269	PATIALA	NABHA	S-NPP	76.28592	30.53684	13:36:00	D	4.60
1270	PATIALA	NABHA	S-NPP	76.09149	30.53742	13:36:00	D	1.90
1271	PATIALA	NABHA	S-NPP	76.28635	30.53866	13:36:00	D	2.60
1272	PATIALA	PATIALA	S-NPP	76.37817	30.27716	13:36:00	D	3.90
1273	PATIALA	PATIALA	S-NPP	76.45554	30.38079	13:36:00	D	3.10
1274	PATIALA	SAMANA	S-NPP	76.16040	29.82018	13:36:00	D	4.50
1275	PATIALA	SAMANA	S-NPP	76.17313	29.82190	13:36:00	D	6.30
1276	PATIALA	SAMANA	S-NPP	76.15980	29.84805	13:36:00	D	4.50
1277	PATIALA	SAMANA	S-NPP	76.00769	29.90697	13:36:00	D	3.20
1278	PATIALA	SAMANA	S-NPP	76.06796	29.90822	13:36:00	D	2.60
1279	PATIALA	SAMANA	S-NPP	76.02332	29.91607	13:36:00	D	1.90
1280	PATIALA	SAMANA	S-NPP	76.04568	29.98883	13:36:00	D	2.30
1281	PATIALA	SAMANA	S-NPP	76.05894	30.01156	13:36:00	D	3.50
1282	PATIALA	SAMANA	S-NPP	76.11713	30.12711	13:36:00	D	2.30
1283	RUPNAGAR	CHAMKOR SAHIB	S-NPP	76.33216	30.96363	13:36:00	D	4.10
1284	RUPNAGAR	RUPNAGAR	S-NPP	76.55414	31.03265	13:36:00	D	3.70
1285	SANGRUR	DHURI	S-NPP	75.96736	30.39568	13:36:00	D	2.30
1286	SANGRUR	DHURI	S-NPP	75.84916	30.42493	13:36:00	D	2.20
1287	SANGRUR	DHURI	S-NPP	75.85339	30.42551	13:36:00	D	2.20
1288	SANGRUR	MALERKOTLA	S-NPP	76.06061	30.46070	13:36:00	D	52.10
1289	SANGRUR	MALERKOTLA	S-NPP	75.82068	30.46278	13:36:00	D	2.80
1290	SANGRUR	MALERKOTLA	S-NPP	75.89620	30.47668	13:36:00	D	18.80
1291	SANGRUR	MALERKOTLA	S-NPP	75.88264	30.55461	13:36:00	D	2.00
1292	SANGRUR	MALERKOTLA	S-NPP	75.67032	30.55660	13:36:00	D	1.60
1293	SANGRUR	MALERKOTLA	S-NPP	75.89595	30.57735	13:36:00	D	3.10
1294	SANGRUR	MALERKOTLA	S-NPP	75.90021	30.57794	13:36:00	D	4.80
1295	SANGRUR	MALERKOTLA	S-NPP	75.83045	30.57879	13:36:00	D	22.50
1296	SANGRUR	MALERKOTLA	S-NPP	75.85890	30.58969	13:36:00	D	5.70
1297	SANGRUR	MALERKOTLA	S-NPP	75.85970	30.58982	13:36:00	D	8.40
1298	SANGRUR	MALERKOTLA	S-NPP	75.77612	30.59590	13:36:00	D	2.40
1299	SANGRUR	MALERKOTLA	S-NPP	75.68512	30.59737	13:36:00	D	3.70

1300	SANGRUR	MALERKOTLA	S-NPP	75.71036	30.60083	13:36:00	D	2.30
1301	SANGRUR	MALERKOTLA	S-NPP	75.76582	30.60493	13:36:00	D	5.10
1302	SANGRUR	MALERKOTLA	S-NPP	75.81297	30.60787	13:36:00	D	2.10
1303	SANGRUR	MALERKOTLA	S-NPP	75.78377	30.64913	13:36:00	D	4.40
1304	SANGRUR	MOONAK	S-NPP	75.91173	29.76531	13:36:00	D	3.60
1305	SANGRUR	MOONAK	TERRA-1	76.07794	29.79775	11:07:00	D	11.27
1306	SANGRUR	MOONAK	S-NPP	75.96348	29.83498	13:36:00	D	5.60
1307	SANGRUR	MOONAK	S-NPP	75.95868	29.83779	13:36:00	D	5.30
1308	SANGRUR	MOONAK	S-NPP	76.07460	29.83986	13:36:00	D	3.00
1309	SANGRUR	MOONAK	S-NPP	75.99093	29.88031	13:36:00	D	4.00
1310	SANGRUR	SANGRUR	S-NPP	75.59676	30.15349	13:36:00	D	2.00
1311	SANGRUR	SANGRUR	S-NPP	75.62392	30.16762	13:36:00	D	6.10
1312	SANGRUR	SANGRUR	S-NPP	75.61916	30.17042	13:36:00	D	6.10
1313	SANGRUR	SANGRUR	S-NPP	75.62330	30.17099	13:36:00	D	6.10
1314	SANGRUR	SANGRUR	S-NPP	75.69997	30.17124	13:36:00	D	2.90
1315	SANGRUR	SANGRUR	S-NPP	75.84100	30.17327	13:36:00	D	3.30
1316	SANGRUR	SANGRUR	S-NPP	75.61421	30.19738	13:36:00	D	3.10
1317	SANGRUR	SANGRUR	S-NPP	75.89375	30.21525	13:36:00	D	7.90
1318	SANGRUR	SANGRUR	S-NPP	76.06927	30.25316	13:36:00	D	2.60
1319	SANGRUR	SANGRUR	S-NPP	76.05102	30.25767	13:36:00	D	3.30
1320	SANGRUR	SUNAM	S-NPP	75.75068	30.02816	13:36:00	D	1.30
1321	SANGRUR	SUNAM	S-NPP	75.85082	30.11513	13:36:00	D	5.70
1322	SANGRUR	SUNAM	S-NPP	75.85502	30.11572	13:36:00	D	5.70
1323	SANGRUR	SUNAM	S-NPP	75.80282	30.14321	13:36:00	D	1.60
1324	SANGRUR	SUNAM	S-NPP	76.01750	30.17292	13:36:00	D	1.80
1325	TARN TARAN	KHADOOR SAHIB	S-NPP	75.00852	31.22668	13:36:00	D	1.90
1326	TARN TARAN	KHADOOR SAHIB	S-NPP	75.00863	31.22805	13:36:00	D	3.90
1327	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04104	31.28072	13:36:00	D	2.70
1328	TARN TARAN	KHADOOR SAHIB	S-NPP	75.00604	31.28608	13:36:00	D	2.00
1329	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04390	31.28799	13:36:00	D	3.80
1330	TARN TARAN	KHADOOR SAHIB	S-NPP	75.02958	31.29629	13:36:00	D	3.50

1331	TARN TARAN	KHADOOR SAHIB	S-NPP	75.07579	31.29937	13:36:00	D	3.00
1332	TARN TARAN	KHADOOR SAHIB	S-NPP	75.03562	31.33152	13:36:00	D	3.20
1333	TARN TARAN	KHADOOR SAHIB	S-NPP	74.92117	31.33426	13:36:00	D	15.50
1334	TARN TARAN	KHADOOR SAHIB	S-NPP	75.06399	31.33898	13:36:00	D	2.10
1335	TARN TARAN	KHADOOR SAHIB	S-NPP	75.05479	31.34616	13:36:00	D	3.70
1336	TARN TARAN	KHADOOR SAHIB	S-NPP	74.83779	31.34989	13:36:00	D	4.30
1337	TARN TARAN	KHADOOR SAHIB	S-NPP	74.79131	31.35011	13:36:00	D	8.80
1338	TARN TARAN	KHADOOR SAHIB	S-NPP	74.92906	31.35940	13:36:00	D	2.30
1339	TARN TARAN	KHADOOR SAHIB	S-NPP	74.79566	31.37129	13:36:00	D	3.50
1340	TARN TARAN	KHADOOR SAHIB	S-NPP	74.90138	31.39323	13:36:00	D	5.20
1341	TARN TARAN	KHADOOR SAHIB	S-NPP	75.03278	31.39466	13:36:00	D	5.30
1342	TARN TARAN	KHADOOR SAHIB	S-NPP	74.88361	31.39756	13:36:00	D	1.70
1343	TARN TARAN	KHADOOR SAHIB	S-NPP	74.87885	31.40030	13:36:00	D	3.90
1344	TARN TARAN	KHADOOR SAHIB	S-NPP	74.86996	31.40247	13:36:00	D	4.40
1345	TARN TARAN	KHADOOR SAHIB	S-NPP	74.80630	31.40365	13:36:00	D	2.60
1346	TARN TARAN	KHADOOR SAHIB	S-NPP	75.11172	31.40576	13:36:00	D	4.90
1347	TARN TARAN	KHADOOR SAHIB	S-NPP	75.14379	31.41714	13:36:00	D	3.10
1348	TARN TARAN	KHADOOR SAHIB	S-NPP	74.87023	31.42309	13:36:00	D	4.00
1349	TARN TARAN	KHADOOR SAHIB	S-NPP	74.87022	31.42467	13:36:00	D	5.10
1350	TARN TARAN	KHADOOR SAHIB	S-NPP	74.89497	31.42663	13:36:00	D	2.90
1351	TARN TARAN	KHADOOR SAHIB	S-NPP	74.97955	31.42838	13:36:00	D	8.20
1352	TARN TARAN	KHADOOR SAHIB	S-NPP	74.88609	31.43035	13:36:00	D	3.50
1353	TARN TARAN	KHADOOR SAHIB	S-NPP	74.76756	31.43069	13:36:00	D	2.80
1354	TARN TARAN	KHADOOR SAHIB	S-NPP	74.88544	31.43369	13:36:00	D	4.60
1355	TARN TARAN	KHADOOR SAHIB	S-NPP	74.76780	31.45128	13:36:00	D	4.20
1356	TARN TARAN	KHADOOR SAHIB	S-NPP	75.18272	31.46054	13:36:00	D	2.90
1357	TARN TARAN	KHADOOR SAHIB	S-NPP	74.88314	31.46767	13:36:00	D	1.90
1358	TARN TARAN	KHADOOR SAHIB	S-NPP	75.21518	31.47281	13:36:00	D	2.60
1359	TARN TARAN	KHADOOR SAHIB	S-NPP	74.85581	31.47751	13:36:00	D	5.60
1360	TARN TARAN	KHADOOR SAHIB	S-NPP	74.74773	31.48951	13:36:00	D	3.00
1361	TARN TARAN	KHADOOR SAHIB	S-NPP	74.67705	31.51243	13:36:00	D	1.80

1362	TARN TARAN	KHADOOR SAHIB	S-NPP	74.70448	31.52318	13:36:00	D	8.40
1363	TARN TARAN	KHADOOR SAHIB	S-NPP	74.72397	31.55335	13:36:00	D	3.80
1364	TARN TARAN	PATTI	S-NPP	74.62869	31.14469	13:36:00	D	1.60
1365	TARN TARAN	PATTI	S-NPP	74.57327	31.15030	13:36:00	D	8.40
1366	TARN TARAN	PATTI	S-NPP	74.57263	31.15362	13:36:00	D	3.30
1367	TARN TARAN	PATTI	S-NPP	74.79936	31.17274	13:36:00	D	2.80
1368	TARN TARAN	PATTI	S-NPP	74.76537	31.17470	13:36:00	D	8.70
1369	TARN TARAN	PATTI	S-NPP	74.55170	31.17662	13:36:00	D	5.90
1370	TARN TARAN	PATTI	S-NPP	74.76881	31.17862	13:36:00	D	2.50
1371	TARN TARAN	PATTI	S-NPP	74.55106	31.17994	13:36:00	D	5.90
1372	TARN TARAN	PATTI	S-NPP	74.52538	31.18304	13:36:00	D	1.60
1373	TARN TARAN	PATTI	S-NPP	74.74237	31.18507	13:36:00	D	3.40
1374	TARN TARAN	PATTI	S-NPP	74.79678	31.18607	13:36:00	D	3.10
1375	TARN TARAN	PATTI	S-NPP	74.79205	31.18881	13:36:00	D	3.10
1376	TARN TARAN	PATTI	S-NPP	74.85002	31.19372	13:36:00	D	7.20
1377	TARN TARAN	PATTI	S-NPP	74.73092	31.20239	13:36:00	D	3.00
1378	TARN TARAN	PATTI	S-NPP	74.55204	31.21762	13:36:00	D	2.40
1379	TARN TARAN	PATTI	S-NPP	74.63129	31.21884	13:36:00	D	3.00
1380	TARN TARAN	PATTI	S-NPP	74.82247	31.22915	13:36:00	D	3.10
1381	TARN TARAN	PATTI	S-NPP	74.66668	31.23078	13:36:00	D	2.90
1382	TARN TARAN	PATTI	S-NPP	74.64500	31.23449	13:36:00	D	2.50
1383	TARN TARAN	PATTI	S-NPP	74.71630	31.23450	13:36:00	D	2.40
1384	TARN TARAN	PATTI	S-NPP	74.57790	31.23503	13:36:00	D	5.20
1385	TARN TARAN	PATTI	S-NPP	74.74964	31.23586	13:36:00	D	5.20
1386	TARN TARAN	PATTI	S-NPP	74.60038	31.24853	13:36:00	D	28.10
1387	TARN TARAN	PATTI	S-NPP	74.71931	31.26229	13:36:00	D	3.60
1388	TARN TARAN	PATTI	S-NPP	74.73911	31.26856	13:36:00	D	4.90
1389	TARN TARAN	PATTI	S-NPP	74.77531	31.27719	13:36:00	D	2.50
1390	TARN TARAN	PATTI	S-NPP	74.80463	31.27798	13:36:00	D	2.50
1391	TARN TARAN	PATTI	S-NPP	74.82258	31.29425	13:36:00	D	3.20
1392	TARN TARAN	PATTI	S-NPP	74.72987	31.29461	13:36:00	D	4.40

1393	TARN TARAN	PATTI	S-NPP	74.62741	31.30611	13:36:00	D	12.20
1394	TARN TARAN	PATTI	S-NPP	74.69750	31.31275	13:36:00	D	3.00
1395	TARN TARAN	PATTI	S-NPP	74.71666	31.32233	13:36:00	D	4.80
1396	TARN TARAN	PATTI	S-NPP	74.71495	31.35288	13:36:00	D	3.00
1397	TARN TARAN	PATTI	S-NPP	74.63960	31.37280	13:36:00	D	2.30
1398	TARN TARAN	PATTI	S-NPP	74.67705	31.37479	13:36:00	D	3.70
1399	TARN TARAN	PATTI	S-NPP	74.59535	31.38556	13:36:00	D	1.60
1400	TARN TARAN	PATTI	AQUA-1	74.69838	31.39825	14:18:00	D	43.20

Details of residue burning events in Haryana on 18-Nov-2018

Event S. No.	District	Tehsil/Block	Satellite	Longitude	Latitude	Time (IST)	Day/Night	Fire Power (W/m²)
1	AMBALA	NARAYANGARH	S-NPP	77.06947	30.50722	13:36:00	D	3.30
2	FATEHABAD	FATEHABAD	S-NPP	75.40406	29.47500	13:36:00	D	5.40
3	FATEHABAD	FATEHABAD	S-NPP	75.40810	29.47558	13:36:00	D	14.90
4	FATEHABAD	FATEHABAD	S-NPP	75.41215	29.47615	13:36:00	D	14.90
5	FATEHABAD	FATEHABAD	S-NPP	75.47144	29.51545	13:36:00	D	2.50
6	FATEHABAD	FATEHABAD	S-NPP	75.73013	29.52084	13:36:00	D	2.10
7	FATEHABAD	FATEHABAD	S-NPP	75.50739	29.52398	13:36:00	D	31.70
8	FATEHABAD	FATEHABAD	S-NPP	75.40630	29.53020	13:36:00	D	5.30
9	FATEHABAD	FATEHABAD	S-NPP	75.71823	29.53989	13:36:00	D	3.40
10	FATEHABAD	FATEHABAD	S-NPP	75.39169	29.54184	13:36:00	D	4.90
11	FATEHABAD	FATEHABAD	S-NPP	75.31223	29.54583	13:36:00	D	3.30
12	FATEHABAD	FATEHABAD	S-NPP	75.70818	29.54884	13:36:00	D	4.60
13	FATEHABAD	FATEHABAD	S-NPP	75.47339	29.55008	13:36:00	D	9.10
14	FATEHABAD	FATEHABAD	S-NPP	75.47278	29.55342	13:36:00	D	5.20
15	FATEHABAD	FATEHABAD	S-NPP	75.64423	29.55365	13:36:00	D	3.10
16	FATEHABAD	FATEHABAD	S-NPP	75.63544	29.55585	13:36:00	D	3.30
17	FATEHABAD	FATEHABAD	S-NPP	75.33523	29.55595	13:36:00	D	7.70
18	FATEHABAD	FATEHABAD	S-NPP	75.47215	29.55677	13:36:00	D	5.20
19	FATEHABAD	FATEHABAD	S-NPP	75.58047	29.55841	13:36:00	D	15.20
20	FATEHABAD	FATEHABAD	S-NPP	75.51749	29.55979	13:36:00	D	4.40
21	FATEHABAD	FATEHABAD	S-NPP	75.44656	29.55998	13:36:00	D	2.30
22	FATEHABAD	FATEHABAD	S-NPP	75.44646	29.56139	13:36:00	D	2.10
23	FATEHABAD	FATEHABAD	S-NPP	75.70984	29.56287	13:36:00	D	2.10
24	FATEHABAD	FATEHABAD	S-NPP	75.48311	29.56520	13:36:00	D	8.10
25	FATEHABAD	FATEHABAD	S-NPP	75.48304	29.56654	13:36:00	D	7.30
26	FATEHABAD	FATEHABAD	S-NPP	75.49937	29.56753	13:36:00	D	3.50
27	FATEHABAD	FATEHABAD	S-NPP	75.49931	29.56882	13:36:00	D	3.70
28	FATEHABAD	FATEHABAD	S-NPP	75.55762	29.56894	13:36:00	D	2.50

29	FATEHABAD	FATEHABAD	S-NPP	75.31192	29.56977	13:36:00	D	1.90
30	FATEHABAD	FATEHABAD	S-NPP	75.51972	29.57043	13:36:00	D	3.20
31	FATEHABAD	FATEHABAD	S-NPP	75.55701	29.57229	13:36:00	D	2.50
32	FATEHABAD	FATEHABAD	S-NPP	75.47774	29.57266	13:36:00	D	2.20
33	FATEHABAD	FATEHABAD	S-NPP	75.58149	29.57577	13:36:00	D	5.30
34	FATEHABAD	FATEHABAD	S-NPP	75.43930	29.57755	13:36:00	D	4.70
35	FATEHABAD	FATEHABAD	S-NPP	75.58087	29.57912	13:36:00	D	5.30
36	FATEHABAD	FATEHABAD	S-NPP	75.55576	29.58017	13:36:00	D	6.20
37	FATEHABAD	FATEHABAD	S-NPP	75.55985	29.58074	13:36:00	D	6.20
38	FATEHABAD	FATEHABAD	S-NPP	75.50091	29.58279	13:36:00	D	3.60
39	FATEHABAD	FATEHABAD	S-NPP	75.52598	29.58288	13:36:00	D	5.60
40	FATEHABAD	FATEHABAD	S-NPP	75.51313	29.58451	13:36:00	D	5.70
41	FATEHABAD	FATEHABAD	S-NPP	75.51720	29.58508	13:36:00	D	5.70
42	FATEHABAD	FATEHABAD	S-NPP	75.38163	29.59682	13:36:00	D	6.40
43	FATEHABAD	FATEHABAD	S-NPP	75.43966	29.59819	13:36:00	D	2.40
44	FATEHABAD	FATEHABAD	S-NPP	75.34396	29.59832	13:36:00	D	4.80
45	FATEHABAD	FATEHABAD	S-NPP	75.66154	29.59838	13:36:00	D	6.70
46	FATEHABAD	FATEHABAD	S-NPP	75.72838	29.60000	13:36:00	D	1.70
47	FATEHABAD	FATEHABAD	S-NPP	75.72853	29.60077	13:36:00	D	1.90
48	FATEHABAD	FATEHABAD	S-NPP	75.45997	29.60107	13:36:00	D	2.80
49	FATEHABAD	FATEHABAD	S-NPP	75.66093	29.60174	13:36:00	D	6.70
50	FATEHABAD	FATEHABAD	S-NPP	75.66503	29.60231	13:36:00	D	6.70
51	FATEHABAD	FATEHABAD	S-NPP	75.33804	29.60776	13:36:00	D	14.30
52	FATEHABAD	FATEHABAD	S-NPP	75.33743	29.61110	13:36:00	D	14.30
53	FATEHABAD	FATEHABAD	S-NPP	75.73431	29.61538	13:36:00	D	3.00
54	FATEHABAD	FATEHABAD	S-NPP	75.71951	29.62714	13:36:00	D	3.30
55	FATEHABAD	FATEHABAD	S-NPP	75.50857	29.63200	13:36:00	D	6.00
56	FATEHABAD	FATEHABAD	S-NPP	75.34618	29.65350	13:36:00	D	8.70
57	FATEHABAD	FATEHABAD	S-NPP	75.33411	29.65376	13:36:00	D	4.00
58	FATEHABAD	FATEHABAD	S-NPP	75.34627	29.65548	13:36:00	D	4.80
59	FATEHABAD	FATEHABAD	S-NPP	75.33350	29.65710	13:36:00	D	4.00

60	FATEHABAD	FATEHABAD	AQUA-1	75.50497	29.42046	14:18:00	D	38.11
61	FATEHABAD	FATEHABAD	AQUA-1	75.32558	29.63306	14:18:00	D	37.96
62	FATEHABAD	RATIA	S-NPP	75.53290	29.59072	13:36:00	D	2.30
63	FATEHABAD	RATIA	TERRA-1	75.55783	29.59264	11:07:00	D	10.77
64	FATEHABAD	RATIA	S-NPP	75.60643	29.60102	13:36:00	D	4.40
65	FATEHABAD	RATIA	S-NPP	75.62158	29.61003	13:36:00	D	2.90
66	FATEHABAD	RATIA	S-NPP	75.59455	29.62003	13:36:00	D	5.20
67	FATEHABAD	RATIA	S-NPP	75.63961	29.62634	13:36:00	D	2.00
68	FATEHABAD	RATIA	S-NPP	75.52711	29.64494	13:36:00	D	1.90
69	FATEHABAD	RATIA	S-NPP	75.52650	29.64829	13:36:00	D	3.40
70	FATEHABAD	RATIA	S-NPP	75.58022	29.65245	13:36:00	D	1.10
71	FATEHABAD	RATIA	S-NPP	75.55385	29.65904	13:36:00	D	3.40
72	FATEHABAD	RATIA	S-NPP	75.61645	29.66100	13:36:00	D	3.00
73	FATEHABAD	RATIA	S-NPP	75.50710	29.66274	13:36:00	D	4.80
74	FATEHABAD	RATIA	S-NPP	75.64516	29.66504	13:36:00	D	2.70
75	FATEHABAD	RATIA	S-NPP	75.54729	29.67189	13:36:00	D	4.20
76	FATEHABAD	RATIA	S-NPP	75.52934	29.68122	13:36:00	D	4.50
77	FATEHABAD	RATIA	S-NPP	75.59986	29.68278	13:36:00	D	8.20
78	FATEHABAD	RATIA	S-NPP	75.56202	29.68579	13:36:00	D	3.50
79	FATEHABAD	RATIA	S-NPP	75.54791	29.69415	13:36:00	D	9.70
80	FATEHABAD	RATIA	S-NPP	75.58945	29.69651	13:36:00	D	3.30
81	FATEHABAD	RATIA	S-NPP	75.59355	29.69708	13:36:00	D	7.50
82	FATEHABAD	RATIA	S-NPP	75.60175	29.69822	13:36:00	D	4.00
83	FATEHABAD	RATIA	S-NPP	75.37937	29.70133	13:36:00	D	1.70
84	FATEHABAD	RATIA	S-NPP	75.60114	29.70158	13:36:00	D	4.00
85	FATEHABAD	RATIA	S-NPP	75.51621	29.70691	13:36:00	D	1.50
86	FATEHABAD	RATIA	S-NPP	75.42001	29.70709	13:36:00	D	4.00
87	FATEHABAD	RATIA	S-NPP	75.39906	29.70756	13:36:00	D	3.30
88	FATEHABAD	RATIA	TERRA-1	75.41630	29.71691	11:07:00	D	12.04
89	FATEHABAD	RATIA	S-NPP	75.43787	29.72336	13:36:00	D	3.20
90	FATEHABAD	RATIA	S-NPP	75.63911	29.72412	13:36:00	D	17.90

91	FATEHABAD	RATIA	S-NPP	75.39066	29.73039	13:36:00	D	11.50
92	FATEHABAD	RATIA	S-NPP	75.63789	29.73084	13:36:00	D	1.50
93	FATEHABAD	RATIA	S-NPP	75.44009	29.73398	13:36:00	D	7.80
94	FATEHABAD	RATIA	S-NPP	75.65309	29.73986	13:36:00	D	4.80
95	FATEHABAD	RATIA	S-NPP	75.58965	29.74132	13:36:00	D	2.50
96	FATEHABAD	RATIA	S-NPP	75.63541	29.74429	13:36:00	D	3.70
97	FATEHABAD	RATIA	S-NPP	75.46738	29.74472	13:36:00	D	5.60
98	FATEHABAD	RATIA	S-NPP	75.53333	29.75061	13:36:00	D	3.60
99	FATEHABAD	RATIA	S-NPP	75.43638	29.75407	13:36:00	D	2.50
100	FATEHABAD	RATIA	S-NPP	75.49471	29.75547	13:36:00	D	1.50
101	FATEHABAD	RATIA	S-NPP	75.45020	29.76979	13:36:00	D	5.00
102	FATEHABAD	RATIA	S-NPP	75.64756	29.77015	13:36:00	D	10.10
103	FATEHABAD	RATIA	AQUA-1	75.64821	29.64504	14:18:00	D	64.33
104	FATEHABAD	RATIA	AQUA-1	75.51861	29.73487	14:18:00	D	44.48
105	FATEHABAD	TOHANA	S-NPP	75.82440	29.51319	13:36:00	D	2.30
106	FATEHABAD	TOHANA	S-NPP	75.82853	29.51376	13:36:00	D	5.10
107	FATEHABAD	TOHANA	S-NPP	75.87328	29.54762	13:36:00	D	1.60
108	FATEHABAD	TOHANA	S-NPP	75.87267	29.55100	13:36:00	D	1.60
109	FATEHABAD	TOHANA	S-NPP	75.90400	29.56572	13:36:00	D	10.90
110	FATEHABAD	TOHANA	S-NPP	75.86901	29.57127	13:36:00	D	8.10
111	FATEHABAD	TOHANA	S-NPP	75.86839	29.57465	13:36:00	D	3.90
112	FATEHABAD	TOHANA	TERRA-1	75.91594	29.57916	11:07:00	D	8.80
113	FATEHABAD	TOHANA	S-NPP	75.88436	29.58033	13:36:00	D	4.60
114	FATEHABAD	TOHANA	S-NPP	75.90096	29.58263	13:36:00	D	1.60
115	FATEHABAD	TOHANA	S-NPP	75.82223	29.62062	13:36:00	D	1.80
116	FATEHABAD	TOHANA	S-NPP	75.84293	29.62347	13:36:00	D	4.60
117	FATEHABAD	TOHANA	S-NPP	75.89688	29.63088	13:36:00	D	6.80
118	FATEHABAD	TOHANA	S-NPP	75.89627	29.63427	13:36:00	D	6.80
119	FATEHABAD	TOHANA	S-NPP	75.89799	29.64837	13:36:00	D	3.50
120	FATEHABAD	TOHANA	S-NPP	75.88113	29.69457	13:36:00	D	3.60
121	FATEHABAD	TOHANA	TERRA-1	75.79486	29.77979	11:07:00	D	18.55

122	HISAR	HANSI	S-NPP	76.16205	29.13129	13:36:00	D	22.90
123	HISAR	HANSI	S-NPP	76.04368	29.19834	13:36:00	D	1.90
124	HISAR	HANSI	S-NPP	76.23544	29.20052	13:36:00	D	3.20
125	HISAR	HISAR	S-NPP	75.83938	29.09033	13:36:00	D	2.20
126	HISAR	HISAR	S-NPP	75.70724	29.19688	13:36:00	D	5.50
127	HISAR	HISAR	S-NPP	75.67126	29.28627	13:36:00	D	3.20
128	HISAR	HISAR	S-NPP	75.91962	29.52629	13:36:00	D	12.20
129	HISAR	NARNAUND	S-NPP	76.06509	29.17355	13:36:00	D	3.60
130	HISAR	NARNAUND	S-NPP	76.09891	29.17476	13:36:00	D	1.50
131	HISAR	NARNAUND	S-NPP	76.14407	29.18447	13:36:00	D	1.80
132	HISAR	NARNAUND	S-NPP	76.10504	29.23814	13:36:00	D	2.90
133	HISAR	NARNAUND	S-NPP	76.20112	29.25123	13:36:00	D	3.70
134	HISAR	NARNAUND	TERRA-1	76.21265	29.25128	11:07:00	D	5.59
135	HISAR	NARNAUND	S-NPP	76.15390	29.25176	13:36:00	D	8.90
136	JHAJJAR	BAHADURGARH	S-NPP	76.85402	28.72030	13:36:00	D	3.00
137	JHAJJAR	JHAJJAR	S-NPP	76.67844	28.37710	13:36:00	D	5.00
138	JIND	JIND	S-NPP	76.21429	29.27394	13:36:00	D	2.30
139	JIND	JIND	S-NPP	76.24969	29.29272	13:36:00	D	3.70
140	JIND	JIND	S-NPP	76.25149	29.30693	13:36:00	D	2.90
141	JIND	JIND	S-NPP	76.27556	29.31720	13:36:00	D	2.00
142	JIND	JIND	S-NPP	76.42319	29.34084	13:36:00	D	3.70
143	JIND	JIND	S-NPP	76.41110	29.36025	13:36:00	D	4.10
144	JIND	JIND	S-NPP	76.38321	29.45399	13:36:00	D	3.20
145	JIND	JIND	S-NPP	76.35548	29.51584	13:36:00	D	5.40
146	JIND	JIND	S-NPP	76.44276	29.51704	13:36:00	D	1.70
147	JIND	JIND	S-NPP	76.39816	29.52159	13:36:00	D	4.90
148	JIND	JULANA	S-NPP	76.47679	29.10082	13:36:00	D	5.20
149	JIND	NARWANA	S-NPP	76.12430	29.45309	13:36:00	D	2.20
150	JIND	NARWANA	S-NPP	76.11824	29.48709	13:36:00	D	5.30
151	JIND	NARWANA	S-NPP	76.09906	29.49838	13:36:00	D	3.90
152	JIND	NARWANA	S-NPP	76.16141	29.51042	13:36:00	D	3.40

153	JIND	NARWANA	S-NPP	76.13737	29.52456	13:36:00	D	7.70
154	JIND	NARWANA	S-NPP	76.30878	29.55856	13:36:00	D	3.40
155	JIND	NARWANA	S-NPP	76.29909	29.56424	13:36:00	D	4.30
156	JIND	NARWANA	S-NPP	76.19048	29.57012	13:36:00	D	2.20
157	JIND	NARWANA	S-NPP	76.15793	29.58316	13:36:00	D	3.70
158	JIND	NARWANA	S-NPP	76.14047	29.58427	13:36:00	D	2.50
159	JIND	NARWANA	S-NPP	76.18142	29.59682	13:36:00	D	4.60
160	JIND	NARWANA	S-NPP	76.10200	29.60690	13:36:00	D	3.20
161	JIND	NARWANA	S-NPP	76.15065	29.64846	13:36:00	D	1.80
162	JIND	NARWANA	S-NPP	76.06093	29.67067	13:36:00	D	3.80
163	JIND	NARWANA	S-NPP	75.99860	29.68302	13:36:00	D	5.20
164	JIND	NARWANA	S-NPP	76.04044	29.71312	13:36:00	D	13.20
165	JIND	NARWANA	S-NPP	76.04463	29.71370	13:36:00	D	13.20
166	JIND	NARWANA	S-NPP	76.02603	29.72158	13:36:00	D	1.80
167	JIND	NARWANA	S-NPP	76.10712	29.72577	13:36:00	D	3.60
168	JIND	NARWANA	S-NPP	76.10592	29.73258	13:36:00	D	7.90
169	JIND	NARWANA	S-NPP	76.09264	29.75864	13:36:00	D	3.20
170	JIND	NARWANA	S-NPP	76.09338	29.75875	13:36:00	D	3.20
171	JIND	NARWANA	S-NPP	76.08855	29.76158	13:36:00	D	7.20
172	JIND	NARWANA	S-NPP	76.08131	29.77803	13:36:00	D	43.60
173	JIND	NARWANA	S-NPP	76.10238	29.80530	13:36:00	D	4.90
174	JIND	NARWANA	TERRA-1	76.16320	29.80973	11:07:00	D	10.96
175	JIND	SAFIDON	S-NPP	76.69847	29.43991	13:36:00	D	5.10
176	JIND	SAFIDON	S-NPP	76.70283	29.44049	13:36:00	D	5.10
177	JIND	SAFIDON	S-NPP	76.68243	29.45549	13:36:00	D	1.60
178	KAITHAL	KAITHAL	S-NPP	76.36038	29.61752	13:36:00	D	3.90
179	KAITHAL	KAITHAL	S-NPP	76.36406	29.62152	13:36:00	D	7.50
180	KAITHAL	KAITHAL	S-NPP	76.35918	29.62437	13:36:00	D	7.50
181	KAITHAL	KAITHAL	S-NPP	76.35986	29.64552	13:36:00	D	1.80
182	KAITHAL	KAITHAL	S-NPP	76.36600	29.66040	13:36:00	D	2.30
183	KAITHAL	KAITHAL	S-NPP	76.22679	29.71064	13:36:00	D	2.50

184	KAITHAL	KAITHAL	S-NPP	76.19832	29.74873	13:36:00	D	2.20
185	KAITHAL	KAITHAL	S-NPP	76.22137	29.76588	13:36:00	D	2.40
186	KAITHAL	KAITHAL	S-NPP	76.57391	29.78897	13:36:00	D	3.50
187	KARNAL	ASSANDH	S-NPP	76.69013	29.48839	13:36:00	D	3.80
188	KARNAL	ASSANDH	S-NPP	76.75990	29.55557	13:36:00	D	4.00
189	KARNAL	ASSANDH	S-NPP	76.80054	29.60715	13:36:00	D	7.90
190	KARNAL	NILOKHERI	S-NPP	76.72917	29.79959	02:18:00	N	2.80
191	PANIPAT	ISRANA	S-NPP	76.67657	29.35028	13:36:00	D	1.90
192	PANIPAT	PANIPAT	S-NPP	76.74197	29.38379	13:36:00	D	2.60
193	ROHTAK	MAHAM	S-NPP	76.37088	28.93690	13:36:00	D	5.50
194	ROHTAK	MAHAM	S-NPP	76.40514	28.93802	13:36:00	D	6.70
195	ROHTAK	MAHAM	S-NPP	76.40364	28.93816	13:36:00	D	6.60
196	ROHTAK	MAHAM	S-NPP	76.45515	28.94824	13:36:00	D	4.00
197	ROHTAK	MAHAM	S-NPP	76.41177	28.94940	13:36:00	D	5.80
198	ROHTAK	MAHAM	S-NPP	76.45456	28.95166	13:36:00	D	5.10
199	ROHTAK	ROHTAK	S-NPP	76.55527	28.80923	13:36:00	D	1.80
200	ROHTAK	ROHTAK	S-NPP	76.59840	28.83616	13:36:00	D	3.90
201	ROHTAK	ROHTAK	S-NPP	76.54781	29.06821	13:36:00	D	1.80
202	SIRSA	DABWALI	S-NPP	74.54301	29.92132	13:36:00	D	35.20
203	SIRSA	DABWALI	S-NPP	74.83317	29.97076	13:36:00	D	2.80
204	SIRSA	DABWALI	S-NPP	74.83717	29.97134	13:36:00	D	5.30
205	SIRSA	ELLENABAD	S-NPP	74.68777	29.41884	13:36:00	D	7.40
206	SIRSA	ELLENABAD	S-NPP	74.82639	29.41888	13:36:00	D	4.80
207	SIRSA	ELLENABAD	S-NPP	74.68713	29.42215	13:36:00	D	7.40
208	SIRSA	ELLENABAD	TERRA-1	74.81263	29.42346	11:07:00	D	16.86
209	SIRSA	ELLENABAD	S-NPP	74.86360	29.43796	13:36:00	D	10.70
210	SIRSA	ELLENABAD	S-NPP	74.86758	29.43855	13:36:00	D	10.70
211	SIRSA	ELLENABAD	S-NPP	74.70376	29.44162	13:36:00	D	3.00
212	SIRSA	ELLENABAD	S-NPP	74.70772	29.44221	13:36:00	D	6.00
213	SIRSA	ELLENABAD	S-NPP	74.71169	29.44280	13:36:00	D	6.00
214	SIRSA	ELLENABAD	S-NPP	74.78101	29.44283	13:36:00	D	7.90

215	SIRSA	ELLENABAD	S-NPP	74.69521	29.44376	13:36:00	D	3.20
216	SIRSA	ELLENABAD	S-NPP	74.72563	29.45507	13:36:00	D	4.50
217	SIRSA	ELLENABAD	S-NPP	74.81944	29.45531	13:36:00	D	2.10
218	SIRSA	ELLENABAD	S-NPP	74.73753	29.45683	13:36:00	D	5.80
219	SIRSA	ELLENABAD	S-NPP	74.73309	29.45872	13:36:00	D	5.20
220	SIRSA	ELLENABAD	S-NPP	74.73706	29.45930	13:36:00	D	5.70
221	SIRSA	ELLENABAD	S-NPP	74.80961	29.46407	13:36:00	D	3.80
222	SIRSA	ELLENABAD	S-NPP	74.80898	29.46738	13:36:00	D	3.80
223	SIRSA	ELLENABAD	S-NPP	74.66062	29.47525	13:36:00	D	14.20
224	SIRSA	ELLENABAD	S-NPP	74.65999	29.47855	13:36:00	D	14.20
225	SIRSA	ELLENABAD	S-NPP	74.79011	29.48071	13:36:00	D	2.60
226	SIRSA	ELLENABAD	S-NPP	74.70026	29.48110	13:36:00	D	20.20
227	SIRSA	ELLENABAD	S-NPP	74.69566	29.48382	13:36:00	D	3.40
228	SIRSA	ELLENABAD	S-NPP	74.75643	29.48597	13:36:00	D	3.10
229	SIRSA	ELLENABAD	S-NPP	74.64159	29.48943	13:36:00	D	42.70
230	SIRSA	ELLENABAD	S-NPP	74.64555	29.49002	13:36:00	D	42.70
231	SIRSA	ELLENABAD	S-NPP	74.64951	29.49061	13:36:00	D	7.40
232	SIRSA	ELLENABAD	S-NPP	74.64491	29.49333	13:36:00	D	6.50
233	SIRSA	ELLENABAD	S-NPP	74.61204	29.49526	13:36:00	D	3.10
234	SIRSA	ELLENABAD	S-NPP	74.66472	29.49626	13:36:00	D	32.60
235	SIRSA	ELLENABAD	S-NPP	74.67265	29.49743	13:36:00	D	17.40
236	SIRSA	ELLENABAD	S-NPP	74.66805	29.50015	13:36:00	D	32.60
237	SIRSA	ELLENABAD	S-NPP	74.65489	29.50501	13:36:00	D	6.10
238	SIRSA	ELLENABAD	S-NPP	74.61012	29.50518	13:36:00	D	6.80
239	SIRSA	ELLENABAD	S-NPP	74.67931	29.50522	13:36:00	D	2.10
240	SIRSA	ELLENABAD	S-NPP	74.60948	29.50848	13:36:00	D	4.70
241	SIRSA	ELLENABAD	S-NPP	74.61344	29.50907	13:36:00	D	4.70
242	SIRSA	ELLENABAD	S-NPP	74.68073	29.51904	13:36:00	D	3.60
243	SIRSA	ELLENABAD	S-NPP	74.69596	29.52469	13:36:00	D	5.80
244	SIRSA	RANIA	NOAA-18	74.89790	29.47137	20:11:00	N	8.00
245	SIRSA	RANIA	S-NPP	74.88577	29.47187	13:36:00	D	2.30

246	SIRSA	RANIA	S-NPP	74.88808	29.48140	13:36:00	D	4.50
247	SIRSA	RANIA	S-NPP	74.80139	29.48576	13:36:00	D	4.90
248	SIRSA	RANIA	S-NPP	74.84973	29.48943	13:36:00	D	1.70
249	SIRSA	RANIA	S-NPP	74.83716	29.49100	13:36:00	D	3.90
250	SIRSA	RANIA	S-NPP	74.86900	29.49565	13:36:00	D	11.80
251	SIRSA	RANIA	S-NPP	74.79950	29.49570	13:36:00	D	3.70
252	SIRSA	RANIA	S-NPP	74.81937	29.49861	13:36:00	D	3.00
253	SIRSA	RANIA	S-NPP	74.79425	29.50174	13:36:00	D	11.40
254	SIRSA	RANIA	S-NPP	74.77583	29.51265	13:36:00	D	4.60
255	SIRSA	RANIA	S-NPP	74.88177	29.51455	13:36:00	D	11.40
256	SIRSA	RANIA	S-NPP	74.74676	29.51517	13:36:00	D	2.40
257	SIRSA	RANIA	S-NPP	74.81620	29.51517	13:36:00	D	3.10
258	SIRSA	RANIA	S-NPP	74.78712	29.51771	13:36:00	D	9.60
259	SIRSA	RANIA	S-NPP	74.88114	29.51786	13:36:00	D	11.40
260	SIRSA	RANIA	S-NPP	74.81159	29.51789	13:36:00	D	20.10
261	SIRSA	RANIA	S-NPP	74.74612	29.51848	13:36:00	D	2.40
262	SIRSA	RANIA	S-NPP	74.76598	29.52141	13:36:00	D	3.40
263	SIRSA	RANIA	S-NPP	74.80238	29.52336	13:36:00	D	3.10
264	SIRSA	RANIA	S-NPP	74.75677	29.52686	13:36:00	D	4.60
265	SIRSA	RANIA	S-NPP	74.87925	29.52781	13:36:00	D	6.10
266	SIRSA	RANIA	S-NPP	74.80111	29.52998	13:36:00	D	4.50
267	SIRSA	RANIA	S-NPP	74.75613	29.53017	13:36:00	D	4.00
268	SIRSA	RANIA	S-NPP	74.76010	29.53076	13:36:00	D	4.00
269	SIRSA	RANIA	S-NPP	74.84947	29.53367	13:36:00	D	2.10
270	SIRSA	RANIA	S-NPP	74.80445	29.53387	13:36:00	D	3.00
271	SIRSA	RANIA	S-NPP	74.70198	29.53579	13:36:00	D	2.00
272	SIRSA	RANIA	S-NPP	74.63663	29.53631	13:36:00	D	4.40
273	SIRSA	RANIA	S-NPP	74.84025	29.53913	13:36:00	D	2.50
274	SIRSA	RANIA	S-NPP	74.62743	29.54175	13:36:00	D	13.90
275	SIRSA	RANIA	S-NPP	74.82306	29.54342	13:36:00	D	1.40
276	SIRSA	RANIA	S-NPP	74.68817	29.54395	13:36:00	D	5.80

277	SIRSA	RANIA	S-NPP	74.74040	29.54827	13:36:00	D	2.10
278	SIRSA	RANIA	S-NPP	74.61009	29.54899	13:36:00	D	5.50
279	SIRSA	RANIA	S-NPP	74.61396	29.54958	13:36:00	D	12.10
280	SIRSA	RANIA	S-NPP	74.63775	29.55309	13:36:00	D	23.50
281	SIRSA	RANIA	S-NPP	74.71071	29.55409	13:36:00	D	40.20
282	SIRSA	RANIA	S-NPP	74.63711	29.55639	13:36:00	D	23.50
283	SIRSA	RANIA	S-NPP	74.90208	29.55841	13:36:00	D	2.90
284	SIRSA	RANIA	S-NPP	74.75042	29.55996	13:36:00	D	1.80
285	SIRSA	RANIA	S-NPP	74.89747	29.56114	13:36:00	D	2.90
286	SIRSA	RANIA	S-NPP	74.90146	29.56173	13:36:00	D	2.90
287	SIRSA	RANIA	S-NPP	74.72929	29.56365	13:36:00	D	1.10
288	SIRSA	RANIA	S-NPP	74.89684	29.56446	13:36:00	D	9.30
289	SIRSA	RANIA	S-NPP	74.61742	29.57389	13:36:00	D	22.90
290	SIRSA	RANIA	S-NPP	74.69472	29.57509	13:36:00	D	26.90
291	SIRSA	RANIA	S-NPP	74.73904	29.57821	13:36:00	D	3.00
292	SIRSA	RANIA	S-NPP	74.61154	29.58322	13:36:00	D	25.30
293	SIRSA	RANIA	S-NPP	74.60567	29.59255	13:36:00	D	2.50
294	SIRSA	RANIA	S-NPP	74.69487	29.59553	13:36:00	D	10.60
295	SIRSA	RANIA	S-NPP	74.63342	29.59666	13:36:00	D	7.70
296	SIRSA	RANIA	S-NPP	74.60438	29.59917	13:36:00	D	3.50
297	SIRSA	RANIA	S-NPP	74.65865	29.61400	13:36:00	D	10.00
298	SIRSA	SIRSA	S-NPP	75.13461	29.38959	13:36:00	D	11.10
299	SIRSA	SIRSA	S-NPP	75.13399	29.39292	13:36:00	D	11.10
300	SIRSA	SIRSA	S-NPP	75.19529	29.39497	13:36:00	D	9.10
301	SIRSA	SIRSA	S-NPP	75.11752	29.41693	13:36:00	D	2.80
302	SIRSA	SIRSA	S-NPP	74.91783	29.43228	13:36:00	D	4.00
303	SIRSA	SIRSA	S-NPP	74.94718	29.45020	13:36:00	D	13.90
304	SIRSA	SIRSA	S-NPP	74.91552	29.46602	13:36:00	D	2.60
305	SIRSA	SIRSA	S-NPP	74.90231	29.47090	13:36:00	D	7.50
306	SIRSA	SIRSA	S-NPP	74.97530	29.47476	13:36:00	D	4.70
307	SIRSA	SIRSA	NOAA-18	75.25600	29.49382	20:11:00	N	18.00

308	SIRSA	SIRSA	S-NPP	75.02068	29.49504	13:36:00	D	7.20
309	SIRSA	SIRSA	S-NPP	75.17655	29.49719	13:36:00	D	1.60
310	SIRSA	SIRSA	NOAA-18	75.18438	29.49832	20:11:00	N	6.00
311	SIRSA	SIRSA	NOAA-18	75.21507	29.49832	20:11:00	N	9.00
312	SIRSA	SIRSA	S-NPP	74.94197	29.49946	13:36:00	D	2.50
313	SIRSA	SIRSA	S-NPP	75.01571	29.49992	13:36:00	D	3.60
314	SIRSA	SIRSA	S-NPP	74.97453	29.50078	13:36:00	D	1.10
315	SIRSA	SIRSA	S-NPP	75.15525	29.50094	13:36:00	D	4.80
316	SIRSA	SIRSA	S-NPP	75.15926	29.50152	13:36:00	D	4.80
317	SIRSA	SIRSA	S-NPP	75.22074	29.50356	13:36:00	D	6.80
318	SIRSA	SIRSA	S-NPP	75.21083	29.51240	13:36:00	D	7.60
319	SIRSA	SIRSA	S-NPP	75.25570	29.51545	13:36:00	D	21.40
320	SIRSA	SIRSA	S-NPP	75.07719	29.52245	13:36:00	D	2.60
321	SIRSA	SIRSA	S-NPP	74.94764	29.53438	13:36:00	D	2.50
322	SIRSA	SIRSA	S-NPP	75.29350	29.53459	13:36:00	D	3.00
323	SIRSA	SIRSA	S-NPP	75.09132	29.53473	13:36:00	D	1.10
324	SIRSA	SIRSA	S-NPP	75.24085	29.53625	02:18:00	N	0.70
325	SIRSA	SIRSA	S-NPP	75.23667	29.53698	02:18:00	N	0.80
326	SIRSA	SIRSA	S-NPP	75.25577	29.53780	13:36:00	D	3.10
327	SIRSA	SIRSA	S-NPP	75.22633	29.54044	13:36:00	D	3.90
328	SIRSA	SIRSA	S-NPP	75.28399	29.54182	13:36:00	D	11.70
329	SIRSA	SIRSA	S-NPP	75.24584	29.54665	13:36:00	D	7.00
330	SIRSA	SIRSA	S-NPP	75.27871	29.54791	13:36:00	D	2.30
331	SIRSA	SIRSA	S-NPP	75.28616	29.55240	13:36:00	D	3.70
332	SIRSA	SIRSA	S-NPP	75.09158	29.55526	13:36:00	D	2.10
333	SIRSA	SIRSA	S-NPP	75.08569	29.56465	13:36:00	D	2.30
334	SIRSA	SIRSA	S-NPP	75.12643	29.56712	13:36:00	D	7.80
335	SIRSA	SIRSA	S-NPP	74.97665	29.57612	13:36:00	D	5.60
336	SIRSA	SIRSA	S-NPP	74.94744	29.57867	13:36:00	D	2.40
337	SIRSA	SIRSA	S-NPP	75.10011	29.59748	13:36:00	D	1.90
338	SIRSA	SIRSA	S-NPP	75.02424	29.60694	13:36:00	D	6.60

339	SIRSA	SIRSA	S-NPP	75.01949	29.61221	13:36:00	D	6.50
340	SIRSA	SIRSA	S-NPP	75.03951	29.61510	13:36:00	D	8.40
341	SIRSA	SIRSA	NOAA-18	75.11617	29.61809	20:11:00	N	9.67
342	SIRSA	SIRSA	S-NPP	75.14916	29.62168	13:36:00	D	8.70
343	SIRSA	SIRSA	S-NPP	74.99969	29.62983	13:36:00	D	1.90
344	SIRSA	SIRSA	S-NPP	75.10582	29.63489	13:36:00	D	10.30
345	SIRSA	SIRSA	S-NPP	75.12064	29.64385	13:36:00	D	3.90
346	SIRSA	SIRSA	S-NPP	75.16917	29.67133	13:36:00	D	2.30
347	SIRSA	SIRSA	S-NPP	75.16445	29.71854	13:36:00	D	1.20
348	SIRSA	SIRSA	S-NPP	74.90915	29.72117	13:36:00	D	3.70
349	SIRSA	SIRSA	S-NPP	74.90852	29.72449	13:36:00	D	3.70
350	SIRSA	SIRSA	S-NPP	75.22710	29.73784	13:36:00	D	8.00
351	SIRSA	SIRSA	AQUA-1	75.16051	29.63905	14:18:00	D	29.36
352	SONIPAT	GOHANA	S-NPP	76.50851	29.14373	13:36:00	D	5.30
353	SONIPAT	GOHANA	S-NPP	76.51585	29.15175	13:36:00	D	8.70
354	YAMUNANAGAR	CHHACHHRAULII	S-NPP	77.43060	30.20516	13:36:00	D	1.90
355	YAMUNANAGAR	CHHACHHRAULII	S-NPP	77.35429	30.26632	13:36:00	D	3.10
356	YAMUNANAGAR	CHHACHHRAULII	S-NPP	77.37259	30.27225	13:36:00	D	2.40

Details of residue burning events in Uttar Pradesh on 17-Nov-2018

Event S. No.	District	Tehsil/Block	Satellite	Longitude	Latitude	Time (IST)	Day/Night	Fire Power (W/m²)
1	ALIGARH	GABHANA	TERRA-1	78.03558	28.06401	11:07:00	D	8.10
2	ALIGARH	KHAIR	S-NPP	77.62978	28.10100	13:36:00	D	1.20
3	AURAIYA	AURAIYA	S-NPP	79.29848	26.55790	13:36:00	D	2.90
4	AURAIYA	BIDHUNA	S-NPP	79.42570	26.76057	13:36:00	D	2.90
5	BARABANKI	FATEHPUR	S-NPP	81.11781	27.14648	13:36:00	D	5.40
6	BARABANKI	FATEHPUR	S-NPP	81.11927	27.15050	13:36:00	D	7.90
7	BASTI	BHANPUR	S-NPP	82.78298	26.92225	13:36:00	D	5.30
8	BASTI	BHANPUR	S-NPP	82.63634	27.09240	13:36:00	D	2.50
9	BASTI	BHANPUR	S-NPP	82.64294	27.10430	13:36:00	D	3.80
10	BASTI	RUDHAULI	S-NPP	82.83470	26.90816	13:36:00	D	2.70
11	BIJNOR	BIJNOR	S-NPP	78.14532	29.22685	13:36:00	D	5.20
12	ETAWAH	BHARTHNA	S-NPP	79.10325	26.72209	13:36:00	D	2.40
13	ETAWAH	BHARTHNA	S-NPP	79.23555	26.88736	13:36:00	D	3.30
14	ETAWAH	JASWANTNAGAR	S-NPP	78.80292	26.93794	13:36:00	D	4.10
15	ETAWAH	SAIFAI	S-NPP	79.06890	26.91725	13:36:00	D	1.80
16	FATEHPUR	FATEHPUR	S-NPP	80.86261	25.72778	13:36:00	D	4.60
17	FATEHPUR	KHAGA	S-NPP	81.24132	25.49829	13:36:00	D	2.90
18	GHAZIABAD	MODINAGAR	S-NPP	77.68818	28.78484	13:36:00	D	2.20
19	GHAZIABAD	MODINAGAR	S-NPP	77.68660	28.78688	13:36:00	D	2.60
20	GORAKHPUR	GOLA	S-NPP	83.40195	26.32904	13:36:00	D	13.10
21	GORAKHPUR	GOLA	S-NPP	83.40386	26.33055	13:36:00	D	12.90
22	GORAKHPUR	GORAKHPUR	S-NPP	83.52277	26.80366	13:36:00	D	4.50
23	GORAKHPUR	GORAKHPUR	S-NPP	83.43822	26.84241	13:36:00	D	3.10
24	GORAKHPUR	GORAKHPUR	S-NPP	83.45866	26.93316	13:36:00	D	4.60
25	HARDOI	SHAHABAD	S-NPP	80.22606	27.67895	13:36:00	D	1.90
26	KANPUR	GHATAMPUR	S-NPP	80.00591	26.09795	13:36:00	D	3.60
27	KANPUR DEHAT	SIKANDRA	S-NPP	79.68804	26.29444	13:36:00	D	3.90

28	KANPUR DEHAT	SIKANDRA	S-NPP	79.67504	26.40426	13:36:00	D	2.90
29	KAUSHAMBI	MANJHANPUR	S-NPP	81.24227	25.45486	13:36:00	D	9.30
30	KAUSHAMBI	MANJHANPUR	S-NPP	81.24265	25.45608	13:36:00	D	7.40
31	KAUSHAMBI	SIRATHU	S-NPP	81.32342	25.52442	13:36:00	D	1.30
32	KHERI	GOLA	S-NPP	80.34261	27.89784	13:36:00	D	1.90
33	KHERI	GOLA	S-NPP	80.34204	27.90192	13:36:00	D	4.30
34	KHERI	GOLA	S-NPP	80.37473	27.93800	13:36:00	D	2.20
35	KHERI	GOLA	S-NPP	80.62335	28.27610	13:36:00	D	1.90
36	KHERI	PALIA KALAN	S-NPP	80.46555	28.36648	13:36:00	D	4.60
37	KHERI	PALIA KALAN	S-NPP	80.46978	28.36692	13:36:00	D	5.70
38	KHERI	PALIA KALAN	S-NPP	80.58684	28.39190	13:36:00	D	2.20
39	KHERI	PALIA KALAN	S-NPP	80.55710	28.45203	13:36:00	D	5.40
40	KUSHINAGAR	HATA	S-NPP	83.68320	26.86394	13:36:00	D	11.70
41	KUSHINAGAR	HATA	S-NPP	83.61988	26.87744	13:36:00	D	4.40
42	KUSHINAGAR	HATA	S-NPP	83.65750	26.92673	13:36:00	D	4.20
43	KUSHINAGAR	KASAYA	S-NPP	84.05003	26.61920	13:36:00	D	1.30
44	MAHAMAYANAGAR	SIKANDRA RAO	S-NPP	78.37582	27.69567	13:36:00	D	2.10
45	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.60526	26.94689	13:36:00	D	9.20
46	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.59499	26.96735	13:36:00	D	3.90
47	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.46446	27.03008	13:36:00	D	5.10
48	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.54783	27.05773	13:36:00	D	5.00
49	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.54520	27.05868	13:36:00	D	4.70
50	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.53501	27.06150	13:36:00	D	7.30
51	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.53235	27.06253	13:36:00	D	5.50
52	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.53848	27.06307	13:36:00	D	5.50
53	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.51284	27.07076	13:36:00	D	3.30
54	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.54570	27.07745	13:36:00	D	4.10
55	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.54301	27.07839	13:36:00	D	7.80
56	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.48351	27.11281	13:36:00	D	4.80
57	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.66026	27.15389	13:36:00	D	6.80
58	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.50369	27.15439	13:36:00	D	6.80

59	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.61204	27.17551	13:36:00	D	7.10
60	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.58742	27.22836	13:36:00	D	3.10
61	MAHARAJGANJ	NAUTANWA	S-NPP	83.40227	27.30741	13:36:00	D	7.40
62	MAHARAJGANJ	NAUTANWA	S-NPP	83.45905	27.35225	13:36:00	D	5.40
63	MAHARAJGANJ	NAUTANWA	S-NPP	83.42683	27.36415	13:36:00	D	3.50
64	MAHARAJGANJ	NAUTANWA	S-NPP	83.42629	27.36612	13:36:00	D	9.70
65	MAHARAJGANJ	NAUTANWA	S-NPP	83.42630	27.36906	13:36:00	D	3.90
66	MAHARAJGANJ	NAUTANWA	S-NPP	83.56610	27.45823	13:36:00	D	2.70
67	MAHARAJGANJ	NICHLAUL	S-NPP	83.66615	27.26055	13:36:00	D	3.60
68	MAINPURI	BHOGAON	S-NPP	79.25323	27.08859	13:36:00	D	2.70
69	MAINPURI	BHOGAON	S-NPP	79.18690	27.11140	13:36:00	D	4.60
70	MATHURA	CHHATA	S-NPP	77.50166	27.59970	13:36:00	D	3.20
71	MATHURA	MATHURA	S-NPP	77.54424	27.58728	13:36:00	D	1.60
72	MEERUT	MAWANA	S-NPP	77.92121	28.92868	13:36:00	D	3.20
73	MEERUT	MAWANA	S-NPP	77.89886	29.15553	13:36:00	D	3.10
74	MEERUT	MEERUT	S-NPP	77.85965	28.80925	13:36:00	D	4.70
75	MEERUT	MEERUT	S-NPP	77.51771	28.94377	13:36:00	D	1.50
76	MUZAFARNAGAR	BUDHANA	S-NPP	77.48300	29.36604	13:36:00	D	2.60
77	MUZAFARNAGAR	KHATOLI	S-NPP	77.86550	29.25125	13:36:00	D	1.90
78	MUZAFARNAGAR	MUZAFFARNAGAR	S-NPP	77.58131	29.54605	13:36:00	D	3.20
79	PILHIBHIT	BISALPUR	S-NPP	79.95033	28.14996	13:36:00	D	7.30
80	PILHIBHIT	BISALPUR	S-NPP	79.95169	28.41787	13:36:00	D	4.70
81	PILHIBHIT	PURANPUR	S-NPP	80.19456	28.38711	13:36:00	D	3.10
82	PILHIBHIT	PURANPUR	S-NPP	80.19469	28.41603	13:36:00	D	4.50
83	PILHIBHIT	PURANPUR	S-NPP	80.06429	28.53717	13:36:00	D	2.30
84	PILHIBHIT	PURANPUR	S-NPP	80.10802	28.54601	13:36:00	D	3.10
85	PILHIBHIT	PURANPUR	S-NPP	80.24233	28.62270	13:36:00	D	1.80
86	PRATAPGARH	KUNDA	S-NPP	81.42475	25.86869	13:36:00	D	2.10
87	PRATAPGARH	PRATAPGARH	S-NPP	81.60020	25.93835	13:36:00	D	3.90
88	PRATAPGARH	PRATAPGARH	S-NPP	81.59964	25.94265	13:36:00	D	4.20
89	RAIBEARELI	MAHARAJGANG	S-NPP	81.33691	26.41039	13:36:00	D	3.20

90	RAIBEARELI	TILOI	S-NPP	81.50395	26.29136	13:36:00	D	3.50
91	RAMPUR	TANDA	S-NPP	78.98681	29.13705	13:36:00	D	3.10
92	SHAHJAHANPUR	PUWANYA	S-NPP	79.96390	27.98343	13:36:00	D	2.50
93	SHAHJAHANPUR	PUWANYA	S-NPP	79.96490	27.98632	13:36:00	D	4.50
94	SHAHJAHANPUR	PUWANYA	S-NPP	80.15115	28.13969	13:36:00	D	6.90
95	SHAHJAHANPUR	PUWANYA	S-NPP	80.22861	28.13992	13:36:00	D	2.80
96	SHAHJAHANPUR	PUWANYA	S-NPP	80.15516	28.14013	13:36:00	D	6.90
97	SHAHJAHANPUR	PUWANYA	S-NPP	80.16222	28.20668	13:36:00	D	3.70
98	SHAHJAHANPUR	PUWANYA	S-NPP	80.04258	28.36612	13:36:00	D	2.00
99	SHARANPUR	DEOBAND	S-NPP	77.68333	29.77368	13:36:00	D	4.00
100	SHARANPUR	DEOBAND	S-NPP	77.73396	29.82430	13:36:00	D	3.00
101	SIDDHARTHANAGAR	ITWA	S-NPP	82.76070	27.36857	13:36:00	D	8.10
102	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.14986	27.40034	13:36:00	D	2.90
103	SITAPUR	LAHARPUR	S-NPP	81.14439	27.67908	13:36:00	D	3.40
104	SULTANPUR	GAURIGANJ	S-NPP	81.59908	26.34286	13:36:00	D	4.00
105	SULTANPUR	GAURIGANJ	S-NPP	81.59685	26.36013	13:36:00	D	2.00
106	SULTANPUR	KADIRPUR	S-NPP	82.46130	26.23469	13:36:00	D	4.00
107	SULTANPUR	LAMBHUA	S-NPP	82.15117	26.15133	13:36:00	D	3.50
108	UNNAO	BIGHAPUR	S-NPP	80.77604	26.40814	13:36:00	D	3.90
109	UNNAO	BIGHAPUR	S-NPP	80.78011	26.40859	13:36:00	D	3.90
110	UNNAO	PURWA	S-NPP	80.69496	26.52286	13:36:00	D	3.50
111	UNNAO	UNNAO	S-NPP	80.57934	26.35725	13:36:00	D	5.30

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 / 1000	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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GIS Maps of fire events can be visualized online on ICAR KRISHI & CREAMS Geoportal

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

<http://creams.iari.res.in:8080/geoexplorer/composer/>
