

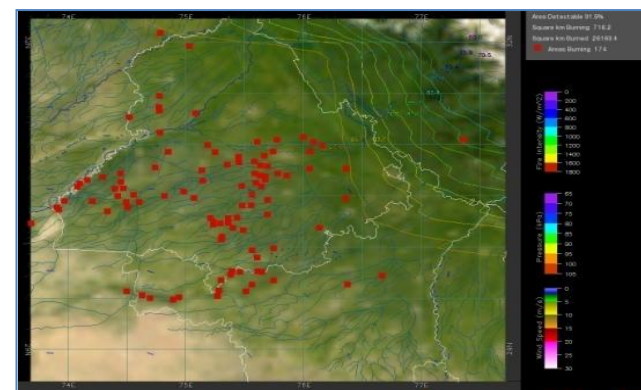
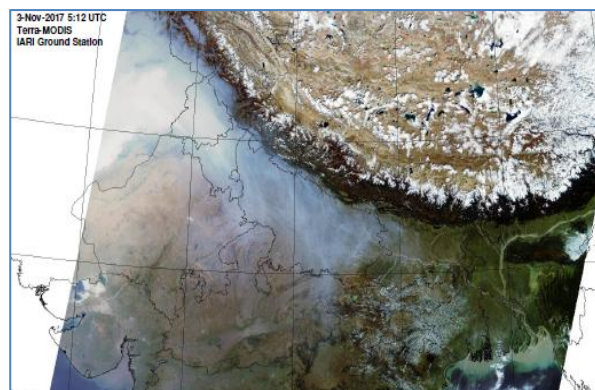


MONITORING PADDY RESIDUE BURNING IN NORTH INDIA USING SATELLITE REMOTE SENSING DURING 2018

**Bulletin
No. 47**

**Events Date:
16-Nov-2018**

**Issued on:
17-Nov-2018**



Prepared by:

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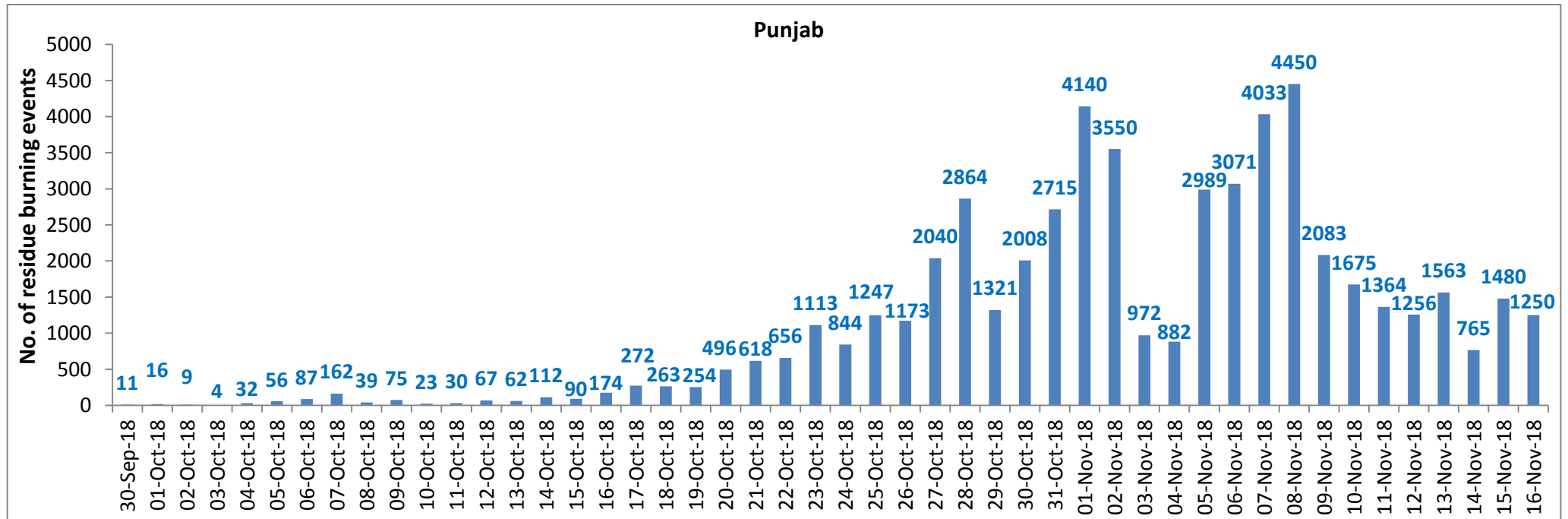
<http://creams.iari.res.in>



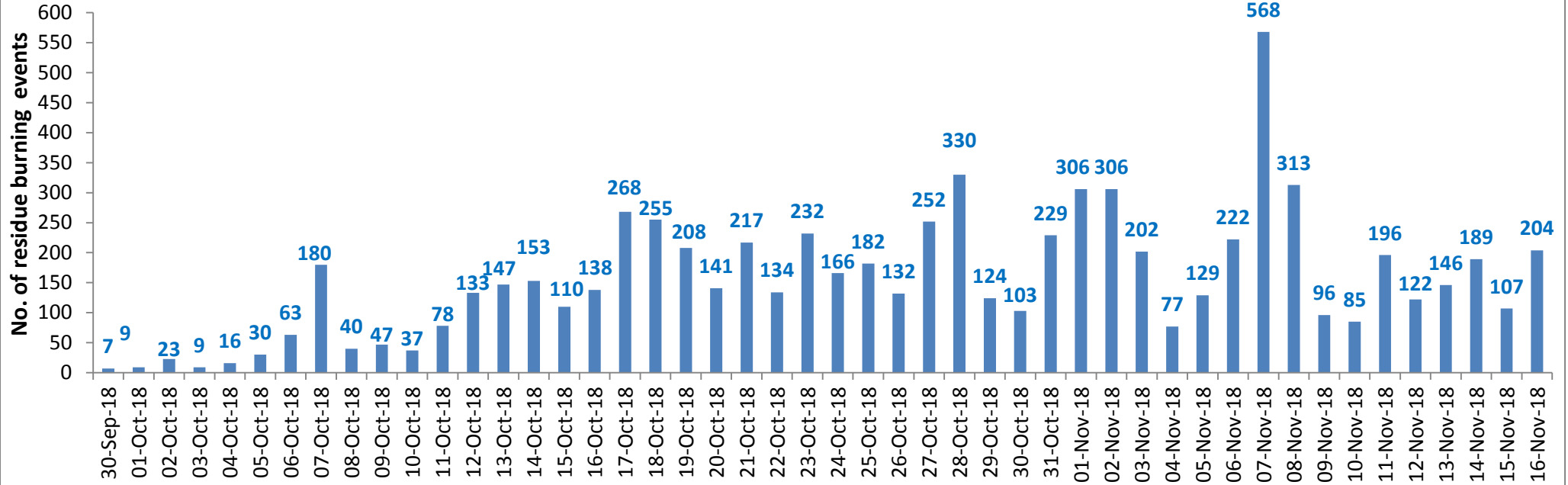
Highlights for 16-November-2018

- Satellites detected **1566** residue burning events in the three States (Punjab, Haryana & UP) on **16-Nov-2018**.
- The burning events detected on **16-Nov-2018** are **1250**, **204** and **112** in Punjab, Haryana, and UP, respectively.
- The number of events has decreased from **1733** on **15-Nov-2018** to **1566** on **16-Nov-2018** in the three States.
- Total **66974** burning events were detected in the three States between **30-Sept-2018** and **16-Nov-2018**, which are distributed as **54456**, **7461** and **5057** in Punjab, Haryana and UP, respectively.
- Till **16-Nov-2018**, the burning events in the current year are about **93.4%** of the events detected in 2017 and about **54.8%** of the events detected in 2016.
- Overall, about **7%** and **45%** reduction in burning events are observed in current year (2018) till date as compared to that in 2017 and 2016, respectively.

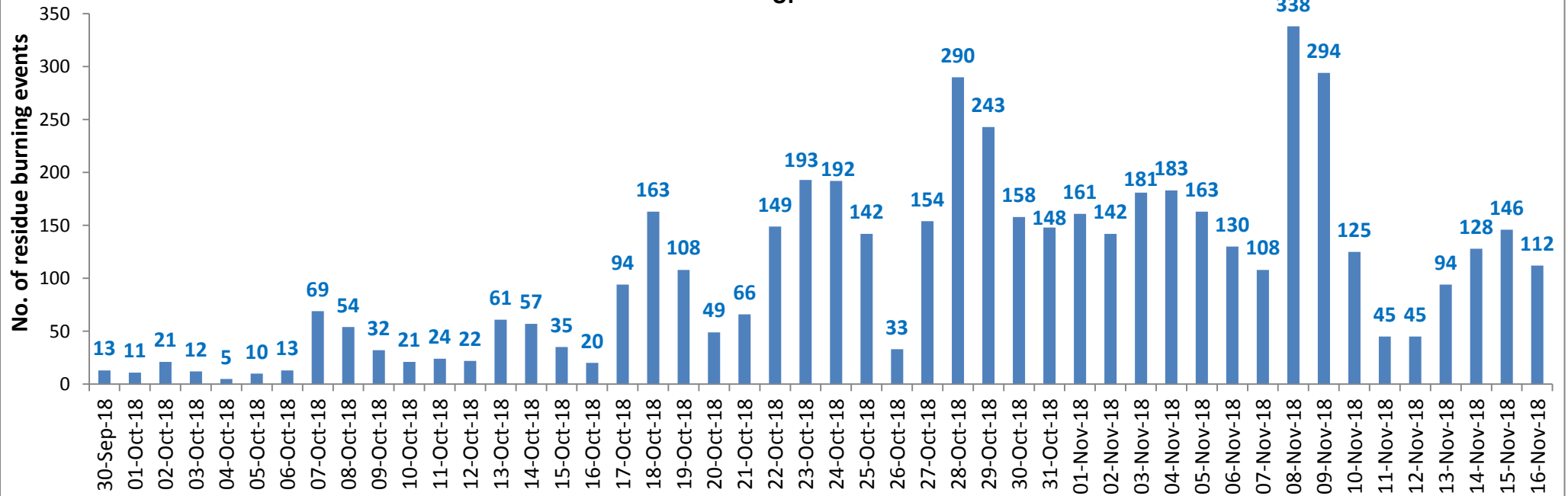
Temporal distribution of residue burning events for the three study States



Haryana

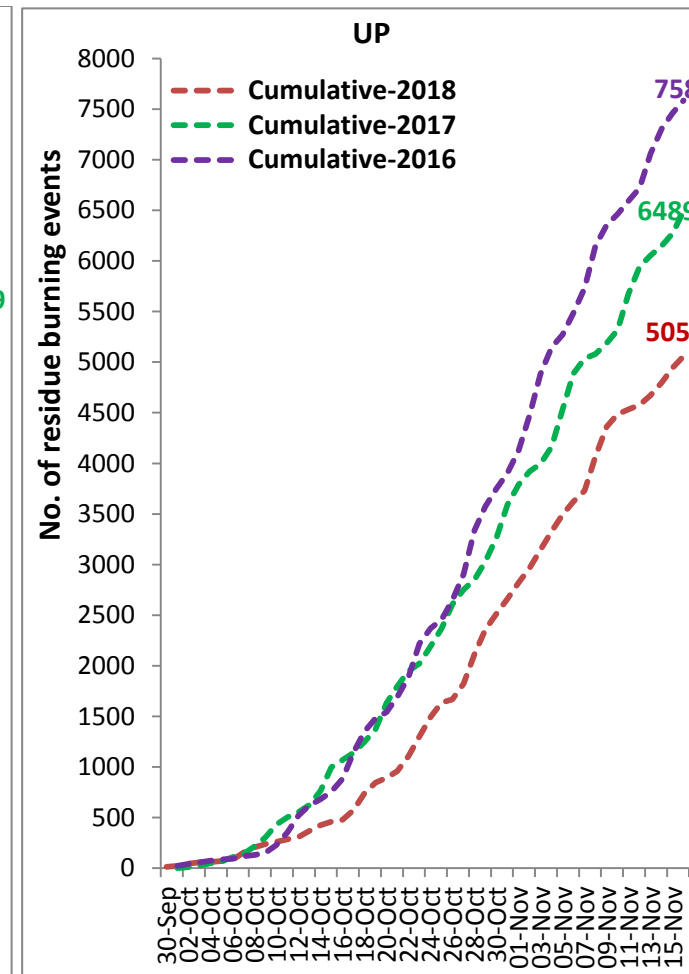
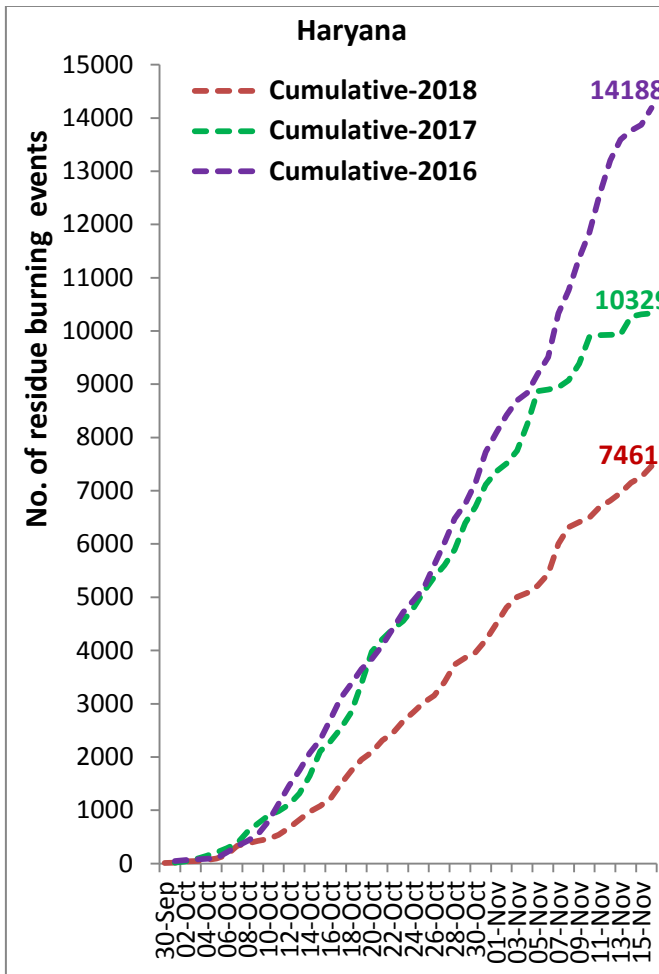
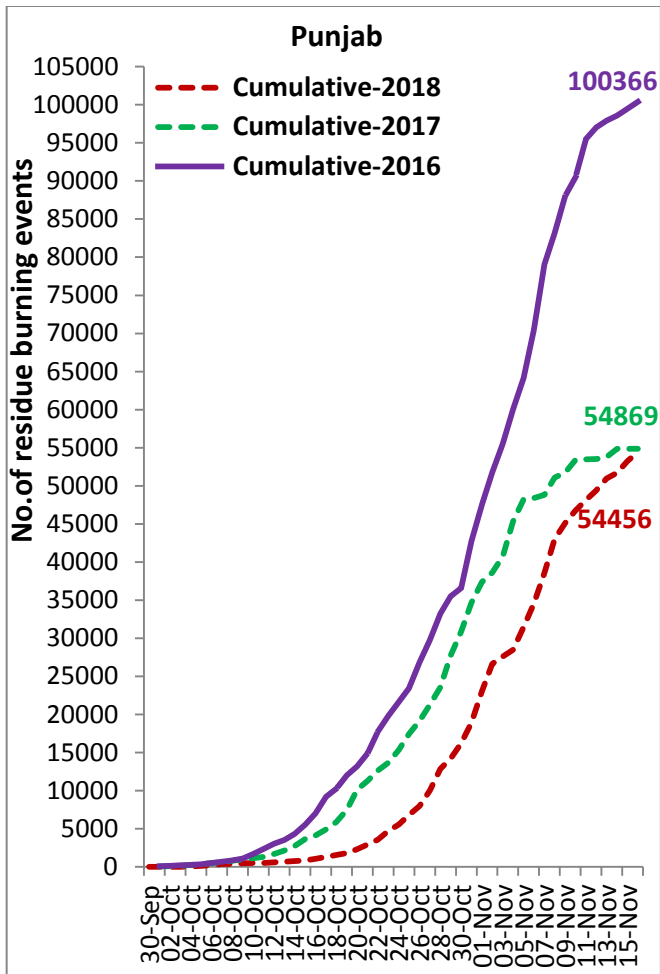


UP

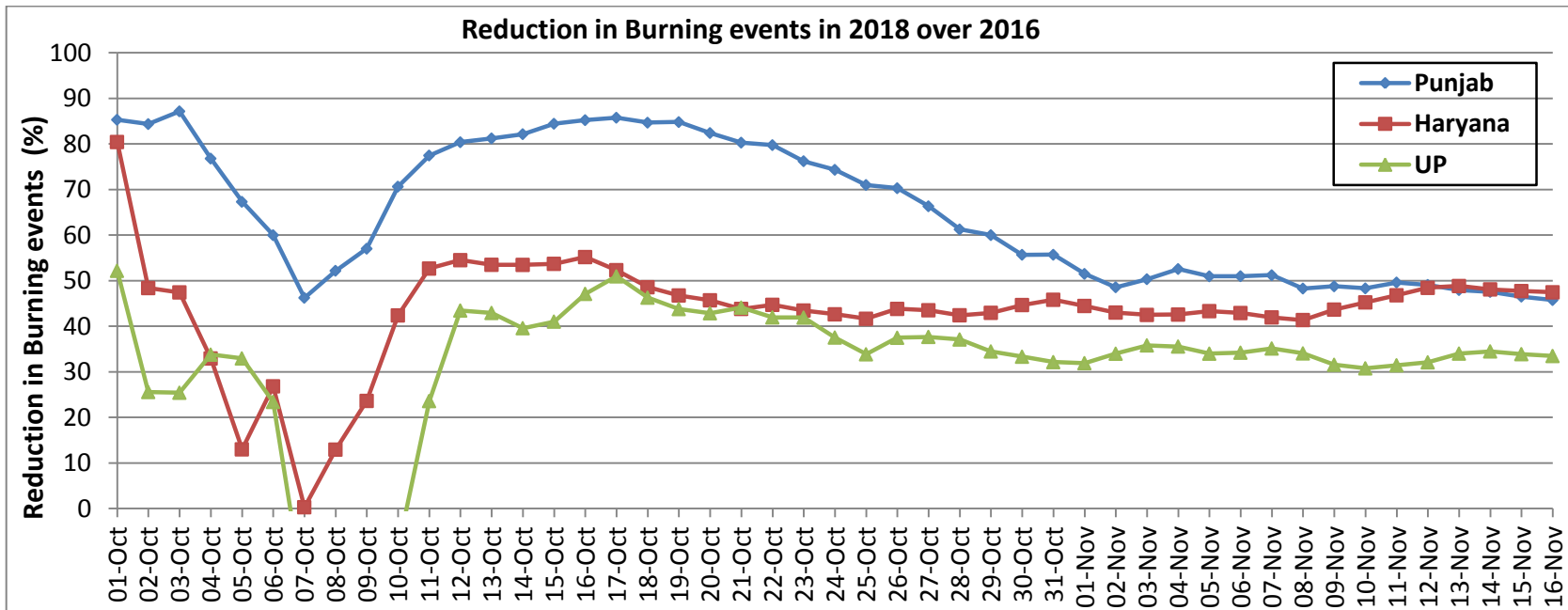
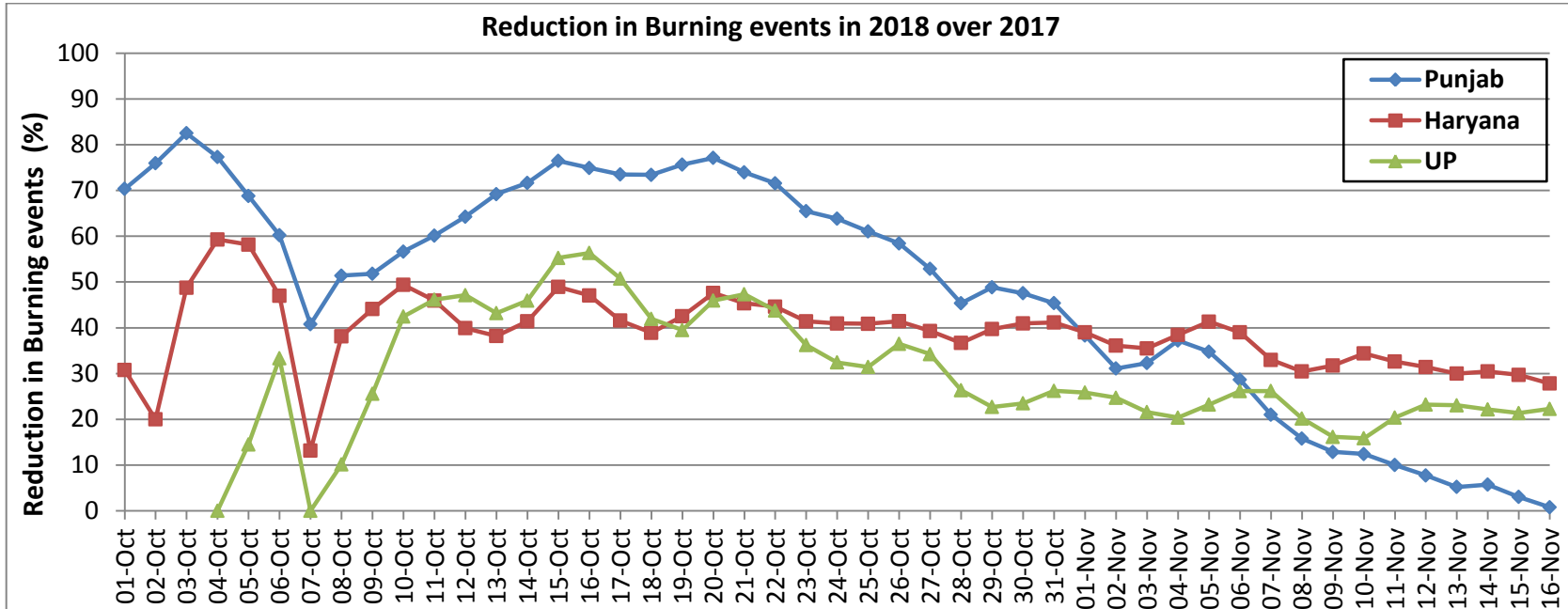


Comparison of residue burning events in current year (2018) with previous years (2017& 2016) for the three study States

(30-Sep to 16-Nov)

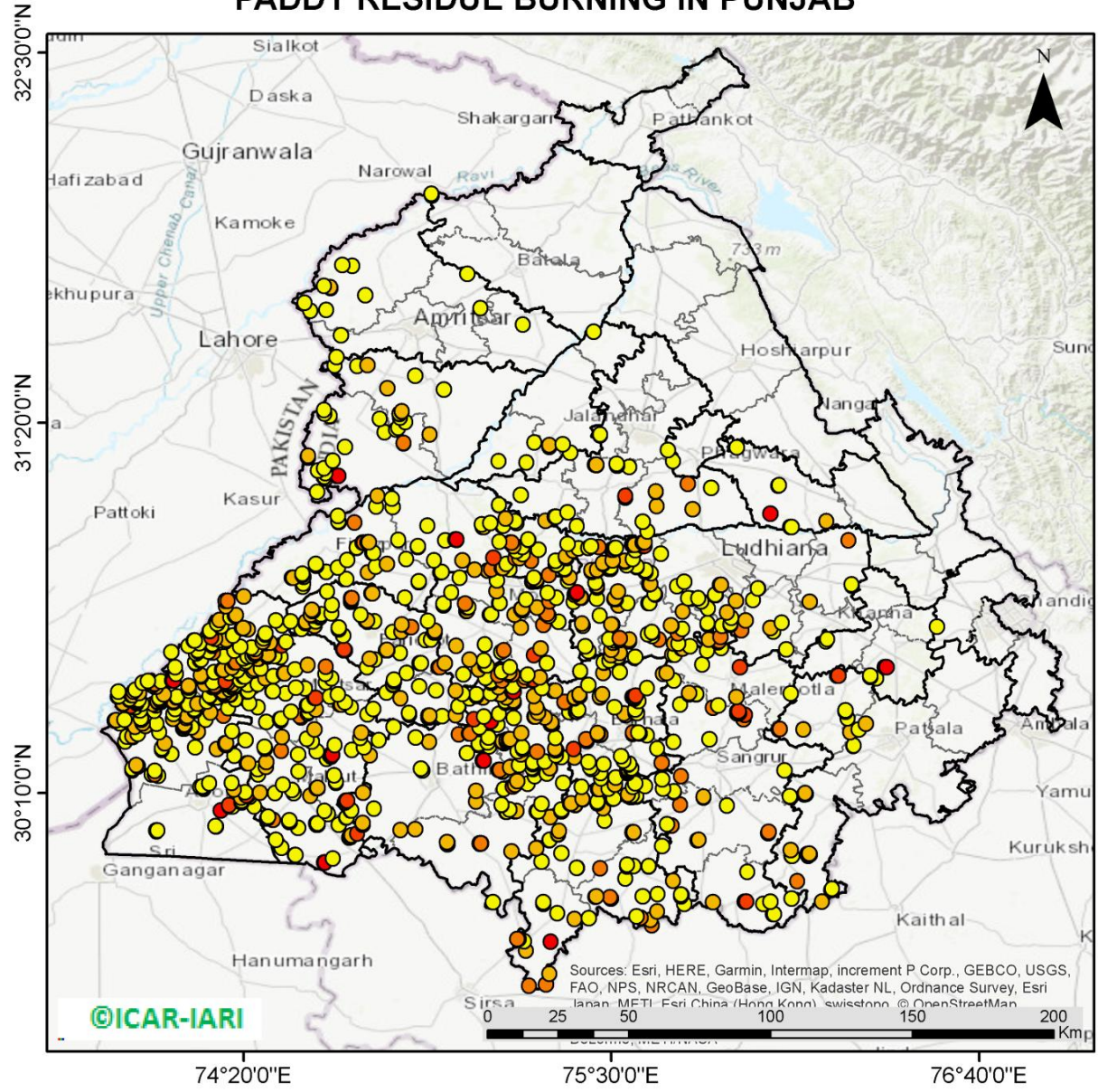


Percent Reduction in Burning events in 2018 over 2017 and 2016 (Daily Cumulative)



(a) Punjab

PADDY RESIDUE BURNING IN PUNJAB



1250 burning events detected in Punjab on 16th November, 2018

Fire Intensity (W/m²)

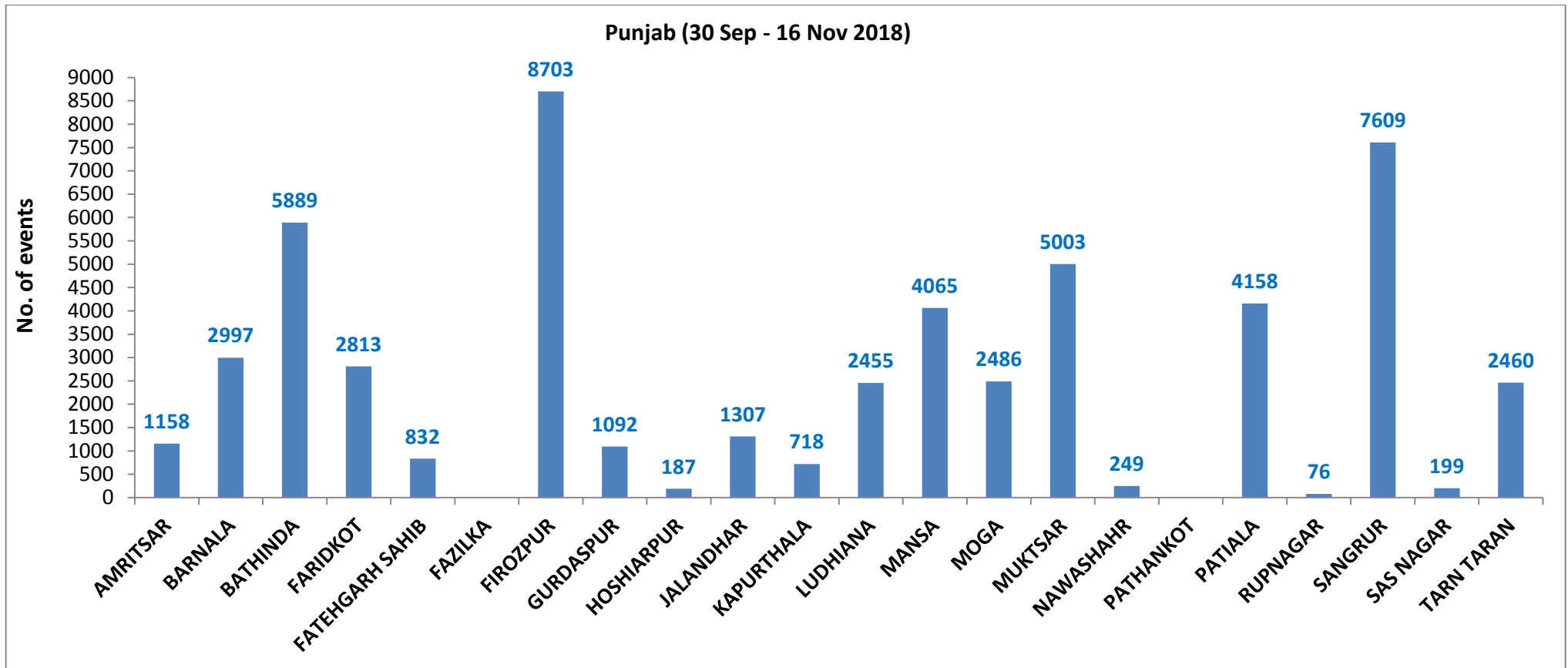
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

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



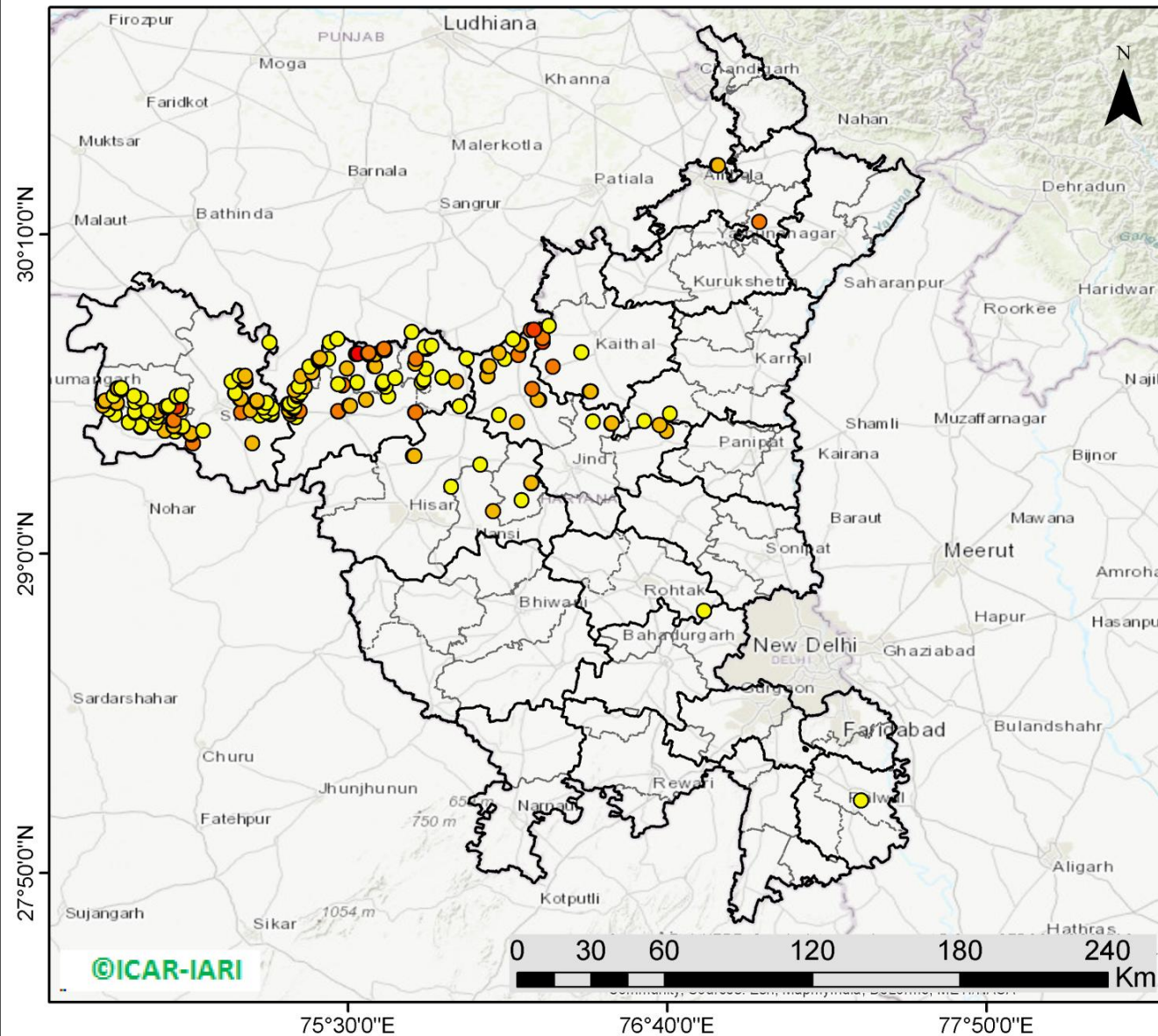
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residue burning events in Punjab (30-Sep-2018 to 16-Nov-2018)



(b) Haryana

PADDY RESIDUE BURNING IN HARYANA



204 burning events detected in Haryana on **16th November, 2018**

Fire Intensity (W/m²)

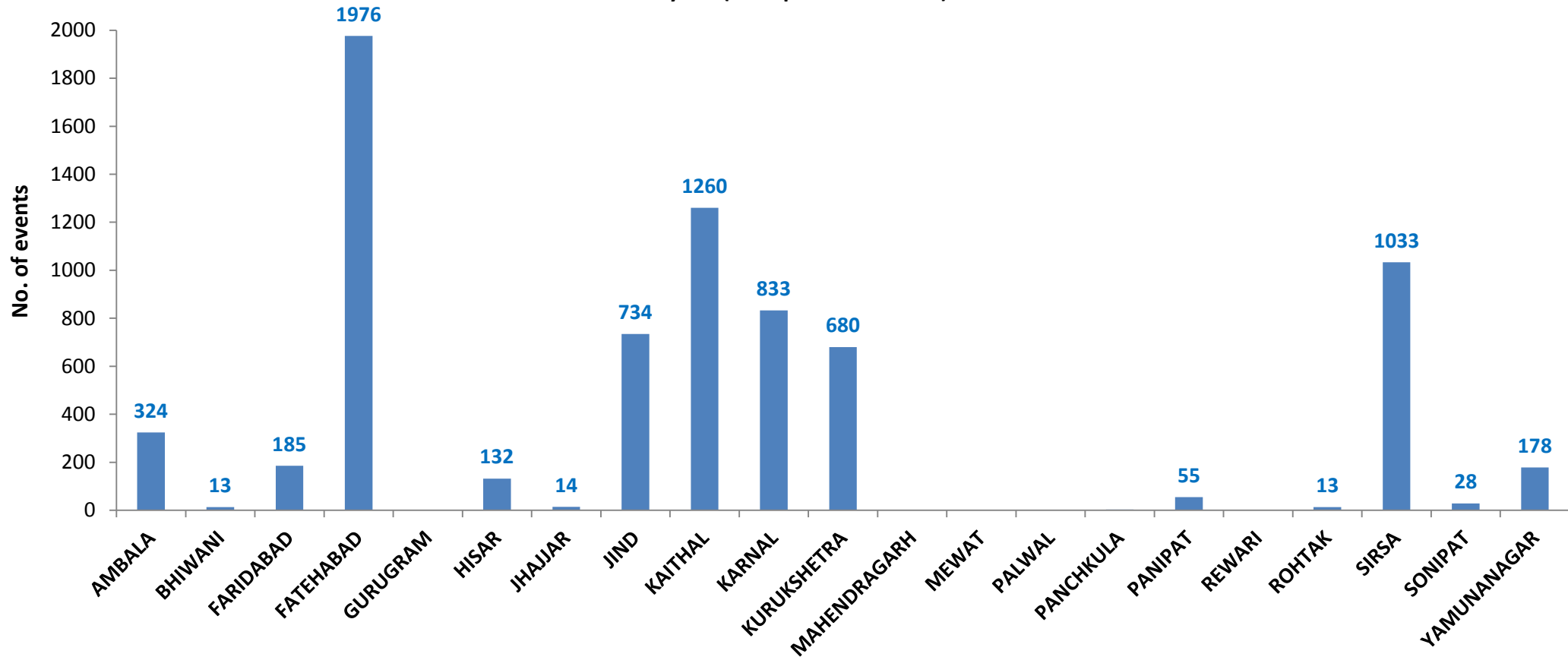
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



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

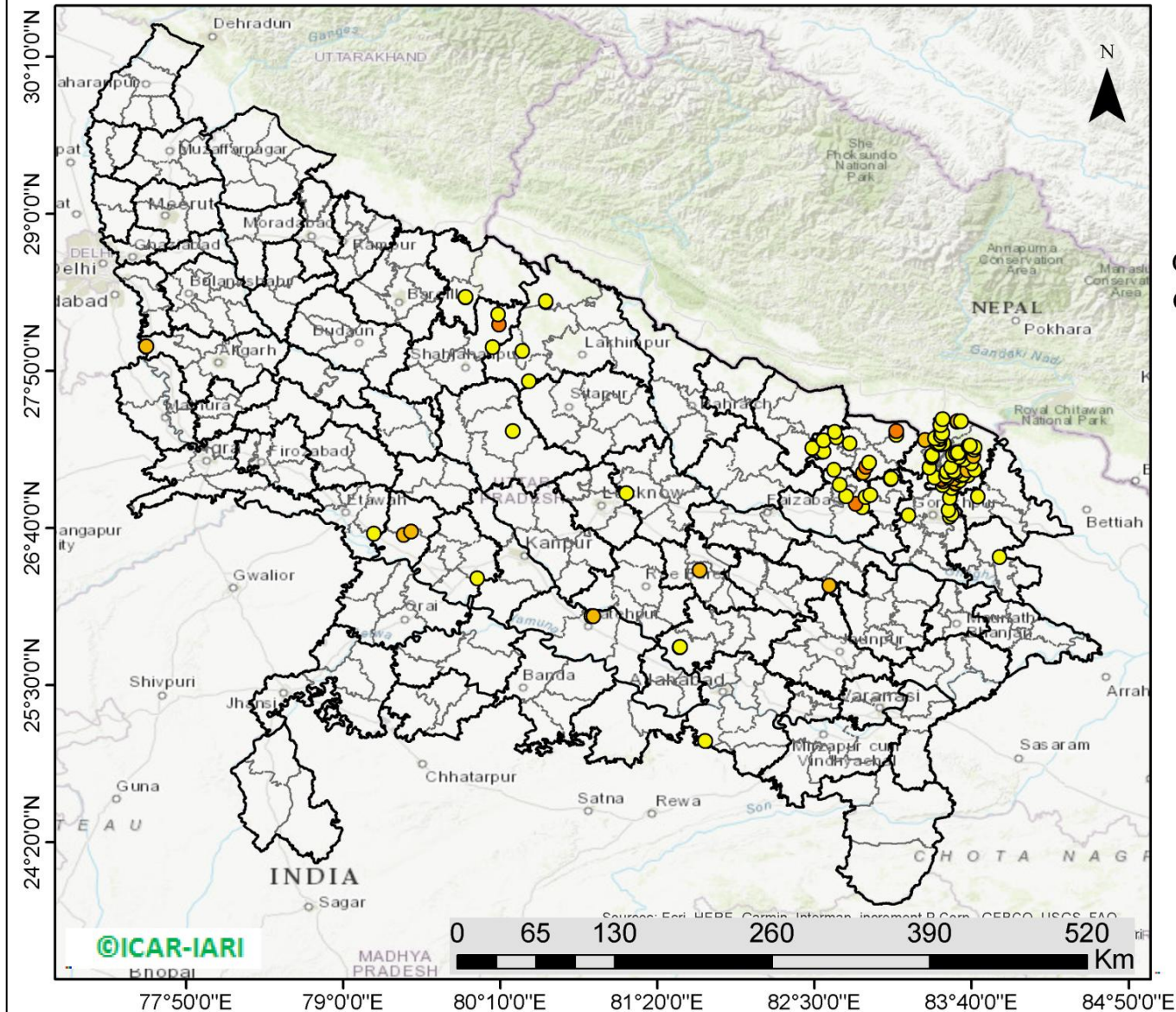
District-wise cumulative number of residue burning events in Haryana (30-Sep-2018 to 16-Nov-2018)

Haryana (30 Sep - 16 Nov 2018)



(c) Uttar Pradesh

PADDY RESIDUE BURNING IN UTTAR PRADESH



112 burning events detected in Uttar Pradesh on **16th Nov, 2018**

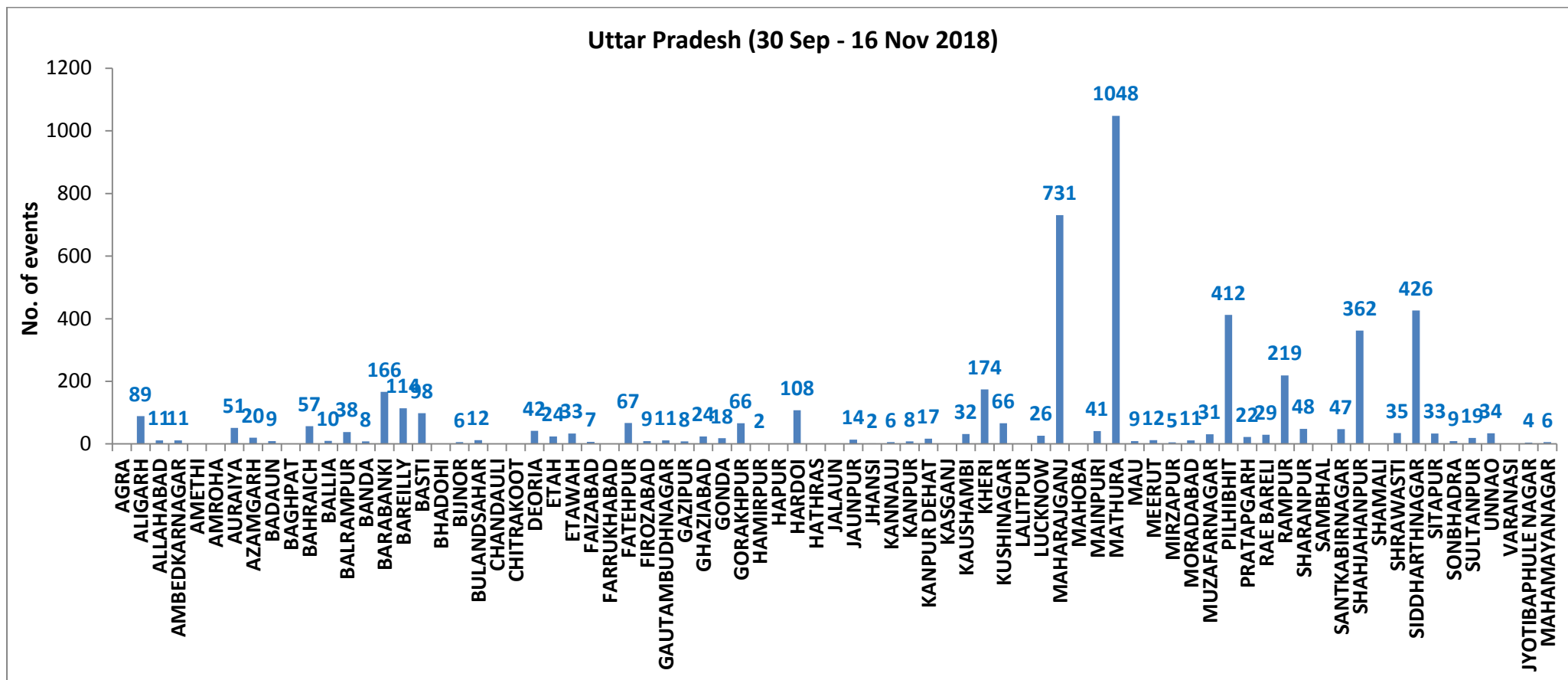
Fire Intensity (W/m²)

- 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 16-Nov-2018)



State wise, date wise and district-wise number of residue burning events detected in 2016, 2017 and 2018
(Period: 30-Sep to 16-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
Total	100366	54869	54456	14188	10329	7461	7583	6489	5057	122137	71687	66974

(a) Punjab

Districts	01 Oct - 16Nov		
	2016	2017	2018
AMRITSAR	2090	1205	1158
BARNALA	5662	2790	2997
BATHINDA	8743	4750	5889
FARIDKOT	4583	2862	2813
FATEHGARH SAHIB	2451	1607	832
FAZILKA	0	0	0
FIROZPUR	13017	5611	8703
GURDASPUR	2152	1507	1092
HOSHIARPUR	895	477	187
JALANDHAR	4625	1987	1307
KAPURTHALA	3121	1526	718
LUDHIANA	9336	3978	2455
MANSA	5524	4082	4065
MOGA	6372	1986	2486
MUKTSAR	6700	3433	5003
NAWASHAHR (SBS Nagar)	1346	657	249
PATHANKOT	0	0	0
PATIALA	6530	5006	4158
RUPNAGAR	709	326	76
SANGRUR	11820	8222	7609
SAS NAGAR	359	242	199
TARN TARAN	4331	2615	2460
Total	100366	54869	54456

(b) Haryana

Districts	01 Oct - 16Nov		
	2016	2017	2018
AMBALA	529	490	324
BHIWANI	62	27	13
FARIDABAD	283	341	185
FATEHABAD	4530	2955	1976
GURUGRAM	0	0	0
HISAR	338	160	132
JHAJJAR	24	13	14
JIND	818	898	734
KAITHAL	1738	1491	1260
KARNAL	1623	1484	833
KURUKSHETRA	1075	1141	680
MAHENDRAGARH	0	0	0
MEWAT	0	0	0
PALWAL	0	0	0
PANCHKULA	0	0	3
PANIPAT	76	74	55
REWARI	0	0	0
ROHTAK	74	53	13
SIRSA	2710	840	1033
SONIPAT	69	55	28
YAMUNANAGAR	239	307	178
Total	14188	10329	7461

(c) Uttar Pradesh

Distrites	01 Oct - 16Nov			GAUTAMBUDH NAGAR			RAE BARELI		
	2016	2017	2018						
AGRA	0	0	0	20	34	11	50	44	29
ALIGARH	48	75	89	13	7	8	611	610	219
ALLAHABAD	3	8	11	60	39	24	79	104	48
AMBEDKARNAGAR	59	25	11	43	33	18	0	0	0
AMETHI	0	0	0	47	60	66	49	57	47
AMROHA	0	0	0	0	0	2	1119	673	362
AURAIYA	181	152	51	227	185	108	0	0	0
AZAMGARH	26	19	20	0	0	0	31	29	35
BADAUN	6	6	9	0	0	0	212	152	426
BAGHPAT	0	0	0	11	6	14	105	62	33
BAHRAICH	58	37	57	0	0	0	14	9	9
BALLIA	10	16	10	0	0	2	40	18	19
BALRAMPUR	28	26	38	21	14	6	48	39	34
BANDA	1	11	8	9	7	8	1	0	0
BARABANKI	204	147	166	28	40	17	8	11	4
BAREILLY	235	193	114	0	0	0	2	2	6
BASTI	121	175	98	15	35	32	7583	6489	5057
BHADOHI	0	0	0	385	244	174			
BIJNOR	40	37	6	28	47	66			
BULANDSAHAR	16	28	12	0	0	0			
CHANDAUJI	2	1	0	55	30	26			
CHITRAKOOT	0	0	0	374	620	731			
DEORIA	37	35	42	0	0	0			
ETAH	16	28	24	0	0	0			
ETAWAH	77	88	33	60	81	41			
FAIZABAD	10	8	7	1429	1082	1048			
FARRUKHABAD	0	0	0	10	5	9			
FATEHPUR	43	35	67	56	60	12			
FIROZABAD	23	18	9	2	10	5			
				40	29	11			
				104	109	31			
				908	702	412			
				25	32	22			

Details of residue burning events in Punjab on 16-Nov-2018

Event S. No.	District	Tehsil/Block	Satellite	Longitude	Latitude	Time (IST)	Day/Night	Fire Power (W/m²)
1	AMRITSAR	AJNALA	S-NPP	74.54410	31.68659	14:12:00	D	4.60
2	AMRITSAR	AJNALA	S-NPP	74.59492	31.69013	14:12:00	D	2.30
3	AMRITSAR	AJNALA	S-NPP	74.52613	31.71224	14:12:00	D	2.70
4	AMRITSAR	AJNALA	S-NPP	74.71826	31.73673	14:12:00	D	2.50
5	AMRITSAR	AJNALA	S-NPP	74.60844	31.75863	14:12:00	D	6.00
6	AMRITSAR	AJNALA	S-NPP	74.60835	31.76137	14:12:00	D	5.90
7	AMRITSAR	AJNALA	S-NPP	74.58822	31.76530	14:12:00	D	4.70
8	AMRITSAR	AJNALA	S-NPP	74.67797	31.82845	14:12:00	D	4.00
9	AMRITSAR	AJNALA	S-NPP	74.64566	31.83160	14:12:00	D	1.80
10	AMRITSAR	AMRITSAR I	S-NPP	75.08482	31.69544	14:12:00	D	2.20
11	AMRITSAR	AMRITSAR I	S-NPP	75.04203	31.80348	14:12:00	D	2.00
12	AMRITSAR	AMRITSAR II	S-NPP	74.62191	31.51404	14:12:00	D	3.90
13	AMRITSAR	AMRITSAR II	S-NPP	74.62734	31.54145	14:12:00	D	4.80
14	AMRITSAR	AMRITSAR II	S-NPP	74.64082	31.61003	14:12:00	D	2.20
15	AMRITSAR	BABA BAKALA	S-NPP	75.21960	31.64408	14:12:00	D	2.60
16	BARNALA	BARNALA	S-NPP	75.46609	30.35018	14:12:00	D	3.10
17	BARNALA	BARNALA	S-NPP	75.45708	30.35075	14:12:00	D	5.30
18	BARNALA	BARNALA	S-NPP	75.46555	30.35136	14:12:00	D	10.10
19	BARNALA	BARNALA	S-NPP	75.56833	30.35312	14:12:00	D	8.50
20	BARNALA	BARNALA	S-NPP	75.58984	30.35465	14:12:00	D	3.90
21	BARNALA	BARNALA	S-NPP	75.45714	30.35519	14:12:00	D	10.30
22	BARNALA	BARNALA	S-NPP	75.45661	30.35632	14:12:00	D	5.30
23	BARNALA	BARNALA	S-NPP	75.56854	30.35687	14:12:00	D	12.80
24	BARNALA	BARNALA	S-NPP	75.58580	30.35799	14:12:00	D	4.80
25	BARNALA	BARNALA	S-NPP	75.54657	30.41181	14:12:00	D	5.60
26	BARNALA	BARNALA	TERRA-1	75.54044	30.41819	11:19:00	D	9.26
27	BARNALA	BARNALA	S-NPP	75.57621	30.41948	14:12:00	D	5.00
28	BARNALA	BARNALA	S-NPP	75.58051	30.41978	14:12:00	D	5.00

29	BARNALA	BARNALA	S-NPP	75.36667	30.42170	14:12:00	D	2.20
30	BARNALA	BARNALA	S-NPP	75.38763	30.42319	14:12:00	D	5.70
31	BARNALA	BARNALA	S-NPP	75.39184	30.42349	14:12:00	D	5.70
32	BARNALA	BARNALA	S-NPP	75.39557	30.42934	14:12:00	D	4.40
33	BARNALA	BARNALA	S-NPP	75.57527	30.43072	14:12:00	D	3.90
34	BARNALA	BARNALA	S-NPP	75.50995	30.43744	14:12:00	D	2.50
35	BARNALA	BARNALA	S-NPP	75.35082	30.45282	14:12:00	D	14.60
36	BARNALA	BARNALA	S-NPP	75.35131	30.45407	14:12:00	D	14.50
37	BARNALA	BARNALA	S-NPP	75.58585	30.45695	14:12:00	D	3.70
38	BARNALA	BARNALA	S-NPP	75.57243	30.46442	14:12:00	D	9.30
39	BARNALA	BARNALA	S-NPP	75.38341	30.46616	14:12:00	D	10.10
40	BARNALA	BARNALA	S-NPP	75.57188	30.46735	14:12:00	D	18.10
41	BARNALA	BARNALA	S-NPP	75.38388	30.46763	14:12:00	D	9.50
42	BARNALA	BARNALA	S-NPP	75.46458	30.46792	14:12:00	D	5.80
43	BARNALA	BARNALA	S-NPP	75.56767	30.46972	14:12:00	D	6.80
44	BARNALA	BARNALA	S-NPP	75.57199	30.47003	14:12:00	D	9.30
45	BARNALA	BARNALA	S-NPP	75.46378	30.47152	14:12:00	D	6.10
46	BARNALA	BARNALA	S-NPP	75.39977	30.47285	14:12:00	D	4.30
47	BARNALA	BARNALA	TERRA-1	75.57659	30.47449	11:19:00	D	15.83
48	BARNALA	BARNALA	S-NPP	75.47180	30.47767	14:12:00	D	7.20
49	BARNALA	BARNALA	S-NPP	75.39928	30.47841	14:12:00	D	5.10
50	BARNALA	BARNALA	S-NPP	75.31622	30.48931	12:36:00	D	9.80
51	BARNALA	BARNALA	S-NPP	75.32241	30.48991	14:12:00	D	5.70
52	BARNALA	BARNALA	S-NPP	75.27985	30.49807	14:12:00	D	2.70
53	BARNALA	BARNALA	S-NPP	75.61285	30.49832	14:12:00	D	2.70
54	BARNALA	BARNALA	S-NPP	75.42645	30.50826	14:12:00	D	1.80
55	BARNALA	BARNALA	S-NPP	75.47462	30.54530	14:12:00	D	7.20
56	BARNALA	BARNALA	S-NPP	75.52601	30.54891	14:12:00	D	3.90
57	BARNALA	BARNALA	S-NPP	75.47684	30.57755	14:12:00	D	3.30
58	BARNALA	BARNALA	S-NPP	75.47609	30.57915	14:12:00	D	2.20
59	BARNALA	TAPPA	S-NPP	75.50266	30.14812	14:12:00	D	6.00

60	BARNALA	TAPPA	S-NPP	75.50198	30.14941	14:12:00	D	3.30
61	BARNALA	TAPPA	S-NPP	75.50621	30.14972	14:12:00	D	3.30
62	BARNALA	TAPPA	S-NPP	75.56140	30.15375	14:12:00	D	3.50
63	BARNALA	TAPPA	S-NPP	75.56566	30.15406	14:12:00	D	3.50
64	BARNALA	TAPPA	S-NPP	75.56171	30.15768	14:12:00	D	7.60
65	BARNALA	TAPPA	S-NPP	75.56598	30.15796	14:12:00	D	7.60
66	BARNALA	TAPPA	S-NPP	75.55241	30.15872	14:12:00	D	10.40
67	BARNALA	TAPPA	S-NPP	75.56094	30.15934	14:12:00	D	4.60
68	BARNALA	TAPPA	S-NPP	75.56519	30.15965	14:12:00	D	4.60
69	BARNALA	TAPPA	S-NPP	75.55268	30.16270	14:12:00	D	7.80
70	BARNALA	TAPPA	S-NPP	75.49133	30.18101	14:12:00	D	2.90
71	BARNALA	TAPPA	S-NPP	75.51154	30.19363	14:12:00	D	5.10
72	BARNALA	TAPPA	S-NPP	75.46730	30.21297	14:12:00	D	3.30
73	BARNALA	TAPPA	S-NPP	75.51388	30.21626	14:12:00	D	2.80
74	BARNALA	TAPPA	S-NPP	75.46589	30.22968	14:12:00	D	2.50
75	BARNALA	TAPPA	S-NPP	75.55120	30.23015	14:12:00	D	6.80
76	BARNALA	TAPPA	S-NPP	75.55074	30.23574	14:12:00	D	6.80
77	BARNALA	TAPPA	S-NPP	75.55027	30.24134	14:12:00	D	3.40
78	BARNALA	TAPPA	S-NPP	75.55457	30.24165	14:12:00	D	5.60
79	BARNALA	TAPPA	S-NPP	75.56309	30.24226	14:12:00	D	3.40
80	BARNALA	TAPPA	S-NPP	75.43667	30.24293	14:12:00	D	4.50
81	BARNALA	TAPPA	S-NPP	75.43922	30.24455	14:12:00	D	6.20
82	BARNALA	TAPPA	S-NPP	75.56454	30.24572	14:12:00	D	3.10
83	BARNALA	TAPPA	S-NPP	75.43198	30.24821	14:12:00	D	2.20
84	BARNALA	TAPPA	S-NPP	75.55500	30.25636	14:12:00	D	3.90
85	BARNALA	TAPPA	S-NPP	75.47620	30.25846	14:12:00	D	2.10
86	BARNALA	TAPPA	S-NPP	75.55743	30.25876	14:12:00	D	3.70
87	BARNALA	TAPPA	TERRA-1	75.66015	30.26188	11:19:00	D	10.95
88	BARNALA	TAPPA	S-NPP	75.42633	30.26461	14:12:00	D	1.50
89	BARNALA	TAPPA	S-NPP	75.53942	30.26871	14:12:00	D	1.90
90	BARNALA	TAPPA	S-NPP	75.38294	30.27839	14:12:00	D	9.30

91	BARNALA	TAPPA	S-NPP	75.53119	30.28292	14:12:00	D	2.50
92	BARNALA	TAPPA	S-NPP	75.38057	30.30612	14:12:00	D	18.30
93	BARNALA	TAPPA	S-NPP	75.32182	30.30751	14:12:00	D	7.70
94	BARNALA	TAPPA	S-NPP	75.64597	30.30762	14:12:00	D	3.30
95	BARNALA	TAPPA	S-NPP	75.42056	30.33132	14:12:00	D	8.00
96	BARNALA	TAPPA	S-NPP	75.42009	30.33688	14:12:00	D	10.40
97	BARNALA	TAPPA	S-NPP	75.61279	30.34909	12:36:00	D	2.50
98	BARNALA	TAPPA	S-NPP	75.30706	30.38409	14:12:00	D	6.50
99	BARNALA	TAPPA	S-NPP	75.31122	30.38437	14:12:00	D	6.50
100	BARNALA	TAPPA	S-NPP	75.30659	30.38961	14:12:00	D	9.90
101	BARNALA	TAPPA	S-NPP	75.31073	30.38990	14:12:00	D	9.90
102	BATHINDA	BATHINDA	S-NPP	74.71030	30.06768	14:12:00	D	2.00
103	BATHINDA	BATHINDA	S-NPP	74.70980	30.07299	14:12:00	D	6.30
104	BATHINDA	BATHINDA	S-NPP	74.67173	30.11149	14:12:00	D	3.80
105	BATHINDA	BATHINDA	S-NPP	74.67550	30.11177	14:12:00	D	3.80
106	BATHINDA	BATHINDA	S-NPP	74.74728	30.11708	14:12:00	D	4.30
107	BATHINDA	BATHINDA	S-NPP	74.65418	30.13688	14:12:00	D	5.50
108	BATHINDA	BATHINDA	S-NPP	75.06992	30.14046	14:12:00	D	5.80
109	BATHINDA	BATHINDA	S-NPP	74.65745	30.14247	14:12:00	D	14.40
110	BATHINDA	BATHINDA	S-NPP	74.66121	30.14275	14:12:00	D	16.10
111	BATHINDA	BATHINDA	S-NPP	75.07096	30.17337	14:12:00	D	8.80
112	BATHINDA	BATHINDA	S-NPP	75.15426	30.23445	14:12:00	D	8.20
113	BATHINDA	BATHINDA	S-NPP	75.15534	30.23495	14:12:00	D	7.00
114	BATHINDA	BATHINDA	S-NPP	74.89938	30.23867	14:12:00	D	2.20
115	BATHINDA	BATHINDA	S-NPP	75.14573	30.23931	14:12:00	D	14.00
116	BATHINDA	BATHINDA	S-NPP	75.14275	30.23958	14:12:00	D	7.60
117	BATHINDA	BATHINDA	S-NPP	75.14678	30.23986	14:12:00	D	10.10
118	BATHINDA	BATHINDA	S-NPP	74.89499	30.24377	14:12:00	D	3.50
119	BATHINDA	BATHINDA	S-NPP	75.17863	30.24758	14:12:00	D	9.50
120	BATHINDA	BATHINDA	S-NPP	75.20657	30.25504	14:12:00	D	4.80
121	BATHINDA	BATHINDA	S-NPP	75.09151	30.26890	14:12:00	D	10.20

122	BATHINDA	BATHINDA	S-NPP	75.09553	30.26919	14:12:00	D	28.30
123	BATHINDA	BATHINDA	S-NPP	75.04110	30.29261	14:12:00	D	1.60
124	BATHINDA	BATHINDA	S-NPP	75.11174	30.31429	14:12:00	D	2.30
125	BATHINDA	BATHINDA	S-NPP	75.07905	30.31866	14:12:00	D	5.30
126	BATHINDA	BATHINDA	S-NPP	75.07866	30.32280	14:12:00	D	3.80
127	BATHINDA	BATHINDA	S-NPP	75.15970	30.32336	14:12:00	D	4.70
128	BATHINDA	BATHINDA	S-NPP	75.15974	30.32415	14:12:00	D	5.70
129	BATHINDA	BATHINDA	S-NPP	75.10666	30.32603	14:12:00	D	2.30
130	BATHINDA	BATHINDA	TERRA-1	74.92177	30.32776	11:19:00	D	8.36
131	BATHINDA	BATHINDA	S-NPP	75.15517	30.32854	14:12:00	D	7.60
132	BATHINDA	BATHINDA	S-NPP	75.15112	30.32908	14:12:00	D	5.40
133	BATHINDA	BATHINDA	S-NPP	75.15519	30.32935	14:12:00	D	5.70
134	BATHINDA	BATHINDA	S-NPP	75.16732	30.32944	14:12:00	D	7.90
135	BATHINDA	BATHINDA	S-NPP	75.16736	30.33018	14:12:00	D	14.00
136	BATHINDA	BATHINDA	S-NPP	75.16683	30.33492	14:12:00	D	7.90
137	BATHINDA	BATHINDA	S-NPP	75.17495	30.33553	14:12:00	D	14.50
138	BATHINDA	BATHINDA	S-NPP	75.17899	30.33583	14:12:00	D	9.70
139	BATHINDA	BATHINDA	S-NPP	75.17499	30.33622	14:12:00	D	9.40
140	BATHINDA	BATHINDA	S-NPP	75.10935	30.34159	14:12:00	D	1.60
141	BATHINDA	BATHINDA	S-NPP	74.87785	30.34266	14:12:00	D	2.60
142	BATHINDA	BATHINDA	S-NPP	75.10924	30.34269	14:12:00	D	2.40
143	BATHINDA	BATHINDA	S-NPP	75.01567	30.35254	14:12:00	D	13.20
144	BATHINDA	BATHINDA	S-NPP	75.04758	30.35481	14:12:00	D	14.40
145	BATHINDA	BATHINDA	S-NPP	75.05160	30.35510	14:12:00	D	14.40
146	BATHINDA	BATHINDA	S-NPP	74.70589	30.35695	14:12:00	D	6.50
147	BATHINDA	BATHINDA	S-NPP	75.08218	30.37372	14:12:00	D	4.30
148	BATHINDA	BATHINDA	S-NPP	75.13812	30.38323	14:12:00	D	3.80
149	BATHINDA	BATHINDA	S-NPP	75.11694	30.39271	14:12:00	D	25.40
150	BATHINDA	BATHINDA	S-NPP	75.09533	30.40762	14:12:00	D	1.90
151	BATHINDA	RAMPURA PHUL	S-NPP	75.27750	30.13278	14:12:00	D	3.00
152	BATHINDA	RAMPURA PHUL	S-NPP	75.15910	30.17979	14:12:00	D	3.20

153	BATHINDA	RAMPURA PHUL	S-NPP	75.18690	30.18731	14:12:00	D	18.60
154	BATHINDA	RAMPURA PHUL	S-NPP	75.19452	30.19338	14:12:00	D	6.20
155	BATHINDA	RAMPURA PHUL	S-NPP	75.23516	30.19633	14:12:00	D	1.80
156	BATHINDA	RAMPURA PHUL	S-NPP	75.34661	30.19881	14:12:00	D	4.20
157	BATHINDA	RAMPURA PHUL	S-NPP	75.20165	30.20493	14:12:00	D	6.60
158	BATHINDA	RAMPURA PHUL	S-NPP	75.25776	30.22011	14:12:00	D	3.80
159	BATHINDA	RAMPURA PHUL	S-NPP	75.29560	30.22794	14:12:00	D	3.80
160	BATHINDA	RAMPURA PHUL	S-NPP	75.25175	30.24181	14:12:00	D	5.40
161	BATHINDA	RAMPURA PHUL	S-NPP	75.30652	30.24533	14:12:00	D	6.90
162	BATHINDA	RAMPURA PHUL	S-NPP	75.30515	30.24580	14:12:00	D	6.30
163	BATHINDA	RAMPURA PHUL	S-NPP	75.24842	30.24689	14:12:00	D	3.90
164	BATHINDA	RAMPURA PHUL	S-NPP	75.25153	30.25817	14:12:00	D	3.80
165	BATHINDA	RAMPURA PHUL	S-NPP	75.25105	30.26368	14:12:00	D	3.80
166	BATHINDA	RAMPURA PHUL	S-NPP	75.28802	30.26625	14:12:00	D	2.80
167	BATHINDA	RAMPURA PHUL	S-NPP	75.34085	30.28104	14:12:00	D	2.80
168	BATHINDA	RAMPURA PHUL	S-NPP	75.32376	30.28541	14:12:00	D	2.90
169	BATHINDA	RAMPURA PHUL	S-NPP	75.21181	30.28855	14:12:00	D	5.30
170	BATHINDA	RAMPURA PHUL	S-NPP	75.26453	30.29786	14:12:00	D	10.60
171	BATHINDA	RAMPURA PHUL	S-NPP	75.20271	30.29894	14:12:00	D	4.30
172	BATHINDA	RAMPURA PHUL	S-NPP	75.32231	30.30198	14:12:00	D	8.70
173	BATHINDA	RAMPURA PHUL	S-NPP	75.32644	30.30228	14:12:00	D	8.70
174	BATHINDA	RAMPURA PHUL	S-NPP	75.21854	30.30561	14:12:00	D	8.80
175	BATHINDA	RAMPURA PHUL	S-NPP	75.21806	30.31111	14:12:00	D	2.90
176	BATHINDA	RAMPURA PHUL	S-NPP	75.17905	30.33649	14:12:00	D	8.30
177	BATHINDA	RAMPURA PHUL	S-NPP	75.32343	30.34072	14:12:00	D	2.40
178	BATHINDA	RAMPURA PHUL	S-NPP	75.32311	30.34098	14:12:00	D	2.70
179	BATHINDA	RAMPURA PHUL	S-NPP	75.21428	30.35548	14:12:00	D	5.20
180	BATHINDA	RAMPURA PHUL	S-NPP	75.06371	30.39981	14:12:00	D	15.80
181	BATHINDA	RAMPURA PHUL	S-NPP	75.18950	30.40346	14:12:00	D	2.70
182	BATHINDA	RAMPURA PHUL	S-NPP	75.28860	30.40501	14:12:00	D	5.90
183	BATHINDA	RAMPURA PHUL	S-NPP	75.25508	30.40817	14:12:00	D	6.30

184	BATHINDA	RAMPURA PHUL	S-NPP	75.25919	30.40847	14:12:00	D	6.30
185	BATHINDA	RAMPURA PHUL	S-NPP	75.14335	30.41665	14:12:00	D	4.30
186	BATHINDA	RAMPURA PHUL	S-NPP	75.26649	30.42008	14:12:00	D	5.30
187	BATHINDA	RAMPURA PHUL	TERRA-1	75.26112	30.43706	11:19:00	D	7.67
188	BATHINDA	RAMPURA PHUL	S-NPP	75.16402	30.45128	14:12:00	D	3.30
189	BATHINDA	RAMPURA PHUL	S-NPP	75.16485	30.45133	14:12:00	D	2.40
190	BATHINDA	RAMPURA PHUL	S-NPP	75.18932	30.45317	14:12:00	D	2.70
191	BATHINDA	RAMPURA PHUL	TERRA-1	75.17619	30.45592	11:19:00	D	30.04
192	BATHINDA	RAMPURA PHUL	S-NPP	75.16354	30.45676	14:12:00	D	3.30
193	BATHINDA	RAMPURA PHUL	S-NPP	75.18806	30.45845	14:12:00	D	6.80
194	BATHINDA	RAMPURA PHUL	S-NPP	75.04884	30.46524	14:12:00	D	2.30
195	BATHINDA	RAMPURA PHUL	S-NPP	75.16664	30.46801	14:12:00	D	6.50
196	BATHINDA	RAMPURA PHUL	S-NPP	75.09314	30.46837	14:12:00	D	7.30
197	BATHINDA	RAMPURA PHUL	S-NPP	75.07249	30.47240	14:12:00	D	1.60
198	BATHINDA	RAMPURA PHUL	S-NPP	75.25481	30.47255	12:36:00	D	5.10
199	BATHINDA	RAMPURA PHUL	S-NPP	75.14530	30.47755	14:12:00	D	5.10
200	BATHINDA	RAMPURA PHUL	S-NPP	75.14938	30.47784	14:12:00	D	7.20
201	BATHINDA	RAMPURA PHUL	S-NPP	75.07200	30.47785	14:12:00	D	4.10
202	BATHINDA	RAMPURA PHUL	S-NPP	75.11642	30.48102	14:12:00	D	3.10
203	BATHINDA	RAMPURA PHUL	S-NPP	75.18561	30.48591	14:12:00	D	18.20
204	BATHINDA	RAMPURA PHUL	S-NPP	75.18970	30.48620	14:12:00	D	22.60
205	BATHINDA	RAMPURA PHUL	TERRA-1	75.14141	30.50084	11:19:00	D	6.87
206	BATHINDA	RAMPURA PHUL	S-NPP	75.18736	30.50244	12:36:00	D	4.10
207	BATHINDA	RAMPURA PHUL	S-NPP	75.11758	30.51413	14:12:00	D	3.90
208	BATHINDA	RAMPURA PHUL	S-NPP	75.11709	30.51960	14:12:00	D	3.90
209	BATHINDA	RAMPURA PHUL	S-NPP	75.15366	30.52227	14:12:00	D	13.00
210	BATHINDA	RAMPURA PHUL	S-NPP	75.14030	30.53814	12:36:00	D	11.40
211	BATHINDA	RAMPURA PHUL	S-NPP	75.17672	30.54053	14:12:00	D	8.10
212	BATHINDA	RAMPURA PHUL	S-NPP	75.18082	30.54083	14:12:00	D	8.10
213	BATHINDA	RAMPURA PHUL	S-NPP	75.17695	30.54087	14:12:00	D	9.30
214	BATHINDA	RAMPURA PHUL	S-NPP	75.18105	30.54114	14:12:00	D	9.30

215	BATHINDA	RAMPURA PHUL	S-NPP	75.17623	30.54602	14:12:00	D	8.10
216	BATHINDA	RAMPURA PHUL	S-NPP	75.17645	30.54635	14:12:00	D	6.70
217	BATHINDA	RAMPURA PHUL	S-NPP	75.15126	30.54969	14:12:00	D	5.10
218	BATHINDA	RAMPURA PHUL	S-NPP	75.15142	30.55018	14:12:00	D	5.00
219	BATHINDA	TALWANDI SABO	S-NPP	75.12355	29.82306	14:12:00	D	3.10
220	BATHINDA	TALWANDI SABO	S-NPP	75.18252	29.98333	12:36:00	D	5.60
221	BATHINDA	TALWANDI SABO	S-NPP	75.26178	29.99352	14:12:00	D	8.70
222	BATHINDA	TALWANDI SABO	S-NPP	74.98003	30.00513	14:12:00	D	3.20
223	BATHINDA	TALWANDI SABO	S-NPP	74.97880	30.00677	14:12:00	D	9.10
224	BATHINDA	TALWANDI SABO	S-NPP	75.08280	30.00758	14:12:00	D	7.00
225	BATHINDA	TALWANDI SABO	S-NPP	75.08676	30.00789	14:12:00	D	9.70
226	BATHINDA	TALWANDI SABO	S-NPP	75.08174	30.00857	14:12:00	D	6.90
227	BATHINDA	TALWANDI SABO	S-NPP	75.08572	30.00885	14:12:00	D	10.10
228	BATHINDA	TALWANDI SABO	S-NPP	74.97955	30.01052	14:12:00	D	16.50
229	BATHINDA	TALWANDI SABO	S-NPP	74.97829	30.01217	14:12:00	D	9.10
230	BATHINDA	TALWANDI SABO	S-NPP	74.83056	30.05004	14:12:00	D	9.20
231	BATHINDA	TALWANDI SABO	S-NPP	74.87671	30.05350	14:12:00	D	9.60
232	BATHINDA	TALWANDI SABO	S-NPP	75.16534	30.10784	14:12:00	D	3.40
233	BATHINDA	TALWANDI SABO	S-NPP	75.16936	30.10814	14:12:00	D	3.40
234	BATHINDA	TALWANDI SABO	S-NPP	75.19354	30.10994	14:12:00	D	7.00
235	BATHINDA	TALWANDI SABO	S-NPP	75.19759	30.11024	14:12:00	D	9.10
236	BATHINDA	TALWANDI SABO	S-NPP	75.17693	30.11420	14:12:00	D	3.90
237	BATHINDA	TALWANDI SABO	S-NPP	75.17711	30.11503	14:12:00	D	2.20
238	BATHINDA	TALWANDI SABO	S-NPP	75.15135	30.12877	14:12:00	D	3.20
239	BATHINDA	TALWANDI SABO	S-NPP	75.15144	30.12975	14:12:00	D	3.00
240	FARIDKOT	FARIDKOT	S-NPP	74.78562	30.48410	14:12:00	D	2.60
241	FARIDKOT	FARIDKOT	S-NPP	74.80688	30.50732	14:12:00	D	4.10
242	FARIDKOT	FARIDKOT	S-NPP	74.80653	30.51002	14:12:00	D	4.80
243	FARIDKOT	FARIDKOT	S-NPP	74.80931	30.52373	14:12:00	D	2.30
244	FARIDKOT	FARIDKOT	S-NPP	74.85029	30.54559	14:12:00	D	4.30
245	FARIDKOT	FARIDKOT	S-NPP	74.72379	30.56341	14:12:00	D	1.20

246	FARIDKOT	FARIDKOT	S-NPP	74.89096	30.57567	14:12:00	D	4.60
247	FARIDKOT	FARIDKOT	S-NPP	74.89491	30.57596	14:12:00	D	4.60
248	FARIDKOT	FARIDKOT	S-NPP	74.74876	30.58683	14:12:00	D	4.10
249	FARIDKOT	FARIDKOT	S-NPP	74.73286	30.59102	14:12:00	D	5.30
250	FARIDKOT	FARIDKOT	S-NPP	74.82877	30.60906	14:12:00	D	3.80
251	FARIDKOT	FARIDKOT	S-NPP	74.78499	30.61657	14:12:00	D	4.00
252	FARIDKOT	FARIDKOT	S-NPP	74.78886	30.61686	14:12:00	D	4.00
253	FARIDKOT	FARIDKOT	S-NPP	74.64960	30.61689	14:12:00	D	16.40
254	FARIDKOT	FARIDKOT	S-NPP	74.65341	30.61718	14:12:00	D	13.40
255	FARIDKOT	FARIDKOT	S-NPP	74.78744	30.61905	14:12:00	D	7.60
256	FARIDKOT	FARIDKOT	S-NPP	74.64797	30.61995	14:12:00	D	14.50
257	FARIDKOT	FARIDKOT	S-NPP	74.65177	30.62022	14:12:00	D	15.80
258	FARIDKOT	FARIDKOT	S-NPP	74.91100	30.64940	14:12:00	D	1.40
259	FARIDKOT	FARIDKOT	S-NPP	74.92686	30.65052	14:12:00	D	2.80
260	FARIDKOT	FARIDKOT	S-NPP	74.64778	30.66284	14:12:00	D	3.60
261	FARIDKOT	FARIDKOT	S-NPP	74.93683	30.67304	14:12:00	D	3.80
262	FARIDKOT	FARIDKOT	S-NPP	74.94080	30.67332	14:12:00	D	3.80
263	FARIDKOT	FARIDKOT	S-NPP	74.80590	30.67447	14:12:00	D	4.00
264	FARIDKOT	FARIDKOT	S-NPP	74.83324	30.67646	14:12:00	D	5.70
265	FARIDKOT	FARIDKOT	S-NPP	74.63437	30.68329	14:12:00	D	2.50
266	FARIDKOT	FARIDKOT	S-NPP	74.51630	30.68497	14:12:00	D	4.40
267	FARIDKOT	FARIDKOT	S-NPP	74.63388	30.68862	14:12:00	D	1.80
268	FARIDKOT	FARIDKOT	S-NPP	74.85975	30.68925	14:12:00	D	11.00
269	FARIDKOT	FARIDKOT	S-NPP	74.86369	30.68954	14:12:00	D	10.80
270	FARIDKOT	FARIDKOT	S-NPP	74.55715	30.69345	14:12:00	D	7.30
271	FARIDKOT	FARIDKOT	S-NPP	74.83521	30.69831	14:12:00	D	5.70
272	FARIDKOT	FARIDKOT	S-NPP	74.52982	30.70200	14:12:00	D	3.10
273	FARIDKOT	FARIDKOT	S-NPP	74.72493	30.70627	14:12:00	D	8.40
274	FARIDKOT	FARIDKOT	S-NPP	74.53078	30.70646	14:12:00	D	5.60
275	FARIDKOT	FARIDKOT	S-NPP	74.74813	30.70803	14:12:00	D	4.40
276	FARIDKOT	FARIDKOT	S-NPP	74.48154	30.70825	14:12:00	D	2.10

277	FARIDKOT	FARIDKOT	S-NPP	74.56094	30.70862	14:12:00	D	1.60
278	FARIDKOT	FARIDKOT	S-NPP	74.72058	30.71133	14:12:00	D	8.40
279	FARIDKOT	FARIDKOT	S-NPP	74.72444	30.71163	14:12:00	D	8.40
280	FARIDKOT	FARIDKOT	S-NPP	74.57354	30.72144	14:12:00	D	2.20
281	FARIDKOT	FARIDKOT	S-NPP	74.57455	30.72562	14:12:00	D	3.40
282	FARIDKOT	FARIDKOT	S-NPP	74.54937	30.72627	12:36:00	D	4.50
283	FARIDKOT	FARIDKOT	S-NPP	74.54653	30.72926	12:36:00	D	7.60
284	FARIDKOT	FARIDKOT	S-NPP	74.70498	30.72957	14:12:00	D	1.40
285	FARIDKOT	FARIDKOT	S-NPP	74.57784	30.73120	14:12:00	D	3.40
286	FARIDKOT	FARIDKOT	S-NPP	74.61198	30.73367	14:12:00	D	4.00
287	FARIDKOT	FARIDKOT	S-NPP	74.55120	30.74108	12:36:00	D	4.90
288	FARIDKOT	FARIDKOT	S-NPP	74.54841	30.74411	12:36:00	D	6.40
289	FARIDKOT	FARIDKOT	S-NPP	74.61333	30.76056	14:12:00	D	2.70
290	FARIDKOT	FARIDKOT	S-NPP	74.67405	30.77040	14:12:00	D	3.70
291	FARIDKOT	FARIDKOT	S-NPP	74.67357	30.77574	14:12:00	D	4.50
292	FARIDKOT	FARIDKOT	S-NPP	74.67308	30.78109	14:12:00	D	4.50
293	FARIDKOT	FARIDKOT	S-NPP	74.67693	30.78137	14:12:00	D	10.20
294	FARIDKOT	FARIDKOT	S-NPP	74.73773	30.79667	14:12:00	D	5.50
295	FARIDKOT	FARIDKOT	S-NPP	74.74162	30.79696	14:12:00	D	5.50
296	FARIDKOT	FARIDKOT	S-NPP	74.59796	30.80227	14:12:00	D	2.70
297	FARIDKOT	JAITO	S-NPP	74.91940	30.40545	14:12:00	D	3.60
298	FARIDKOT	JAITO	S-NPP	74.92333	30.40574	14:12:00	D	5.60
299	FARIDKOT	JAITO	S-NPP	74.96272	30.40871	14:12:00	D	2.30
300	FARIDKOT	JAITO	S-NPP	74.91892	30.41084	14:12:00	D	3.60
301	FARIDKOT	JAITO	S-NPP	74.92285	30.41114	14:12:00	D	5.60
302	FARIDKOT	JAITO	S-NPP	75.00634	30.41198	14:12:00	D	6.10
303	FARIDKOT	JAITO	S-NPP	74.85855	30.41368	14:12:00	D	3.90
304	FARIDKOT	JAITO	S-NPP	74.85927	30.41715	14:12:00	D	7.70
305	FARIDKOT	JAITO	S-NPP	74.85806	30.41906	14:12:00	D	3.70
306	FARIDKOT	JAITO	S-NPP	75.01588	30.44004	14:12:00	D	3.20
307	FARIDKOT	JAITO	S-NPP	75.01485	30.44094	14:12:00	D	3.80

308	FARIDKOT	JAITO	S-NPP	74.83022	30.46579	14:12:00	D	7.70
309	FARIDKOT	JAITO	S-NPP	75.02737	30.48013	14:12:00	D	2.10
310	FARIDKOT	JAITO	S-NPP	75.00645	30.48956	14:12:00	D	6.90
311	FARIDKOT	JAITO	S-NPP	74.94241	30.49034	14:12:00	D	2.90
312	FARIDKOT	JAITO	S-NPP	74.88979	30.50275	14:12:00	D	3.40
313	FARIDKOT	JAITO	S-NPP	74.80979	30.51836	14:12:00	D	4.80
314	FARIDKOT	JAITO	S-NPP	74.80943	30.52103	14:12:00	D	6.90
315	FARIDKOT	JAITO	S-NPP	74.95172	30.56370	14:12:00	D	9.30
316	FATEHGARH SAHIB	ALMOH	S-NPP	76.18089	30.64544	14:12:00	D	3.50
317	FATEHGARH SAHIB	ALMOH	S-NPP	76.18517	30.65156	14:12:00	D	4.20
318	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.53322	30.69062	14:12:00	D	4.40
319	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.34135	30.52872	14:12:00	D	2.50
320	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.36835	30.56387	14:12:00	D	16.90
321	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.37319	30.56417	14:12:00	D	32.70
322	FIROZPUR	ABOHAR	S-NPP	74.43587	30.01970	14:12:00	D	3.00
323	FIROZPUR	ABOHAR	S-NPP	74.05679	30.04607	14:12:00	D	2.40
324	FIROZPUR	ABOHAR	S-NPP	74.05547	30.04881	14:12:00	D	3.20
325	FIROZPUR	ABOHAR	S-NPP	74.05892	30.04908	14:12:00	D	3.20
326	FIROZPUR	ABOHAR	S-NPP	74.24458	30.06184	14:12:00	D	1.60
327	FIROZPUR	ABOHAR	S-NPP	74.24359	30.06336	14:12:00	D	1.70
328	FIROZPUR	ABOHAR	S-NPP	74.26017	30.11155	14:12:00	D	25.60
329	FIROZPUR	ABOHAR	S-NPP	74.28756	30.12417	14:12:00	D	16.60
330	FIROZPUR	ABOHAR	S-NPP	74.29467	30.12474	14:12:00	D	4.40
331	FIROZPUR	ABOHAR	S-NPP	74.29824	30.12502	14:12:00	D	4.40
332	FIROZPUR	ABOHAR	S-NPP	74.36677	30.12521	14:12:00	D	2.40
333	FIROZPUR	ABOHAR	S-NPP	74.28705	30.12935	14:12:00	D	16.60
334	FIROZPUR	ABOHAR	S-NPP	74.32576	30.13768	14:12:00	D	3.70
335	FIROZPUR	ABOHAR	S-NPP	74.32525	30.14288	14:12:00	D	3.70
336	FIROZPUR	ABOHAR	S-NPP	74.32426	30.15327	14:12:00	D	6.60
337	FIROZPUR	ABOHAR	S-NPP	74.35294	30.15559	14:12:00	D	2.70
338	FIROZPUR	ABOHAR	S-NPP	74.34167	30.15993	14:12:00	D	8.10

339	FIROZPUR	ABOHAR	S-NPP	74.34180	30.16036	14:12:00	D	16.80
340	FIROZPUR	ABOHAR	S-NPP	74.33709	30.17003	14:12:00	D	1.80
341	FIROZPUR	ABOHAR	S-NPP	74.30186	30.17863	12:36:00	D	5.10
342	FIROZPUR	ABOHAR	S-NPP	74.20701	30.18144	14:12:00	D	3.80
343	FIROZPUR	ABOHAR	S-NPP	74.19717	30.18571	12:36:00	D	5.80
344	FIROZPUR	ABOHAR	S-NPP	74.19567	30.18573	12:36:00	D	4.40
345	FIROZPUR	ABOHAR	S-NPP	74.20648	30.18661	14:12:00	D	3.80
346	FIROZPUR	ABOHAR	S-NPP	74.20279	30.18779	12:36:00	D	4.40
347	FIROZPUR	ABOHAR	S-NPP	74.22308	30.19831	14:12:00	D	2.80
348	FIROZPUR	ABOHAR	S-NPP	74.29469	30.19867	14:12:00	D	1.70
349	FIROZPUR	FAZILKA	S-NPP	74.06223	30.22173	14:12:00	D	2.80
350	FIROZPUR	FAZILKA	S-NPP	74.04102	30.22515	14:12:00	D	2.80
351	FIROZPUR	FAZILKA	S-NPP	74.05135	30.22600	14:12:00	D	11.70
352	FIROZPUR	FAZILKA	S-NPP	74.05035	30.23623	14:12:00	D	4.10
353	FIROZPUR	FAZILKA	S-NPP	73.97976	30.23870	14:12:00	D	2.00
354	FIROZPUR	FAZILKA	S-NPP	73.98071	30.24073	14:12:00	D	3.50
355	FIROZPUR	FAZILKA	S-NPP	73.97924	30.24380	14:12:00	D	2.00
356	FIROZPUR	FAZILKA	S-NPP	73.99586	30.25022	14:12:00	D	5.30
357	FIROZPUR	FAZILKA	S-NPP	73.99679	30.25236	14:12:00	D	6.00
358	FIROZPUR	FAZILKA	S-NPP	73.99191	30.25505	14:12:00	D	5.30
359	FIROZPUR	FAZILKA	S-NPP	74.10336	30.28956	14:12:00	D	3.00
360	FIROZPUR	FAZILKA	S-NPP	74.07404	30.30275	14:12:00	D	3.20
361	FIROZPUR	FAZILKA	S-NPP	74.24734	30.30601	14:12:00	D	7.20
362	FIROZPUR	FAZILKA	S-NPP	74.07352	30.30788	14:12:00	D	2.70
363	FIROZPUR	FAZILKA	S-NPP	74.17899	30.31108	14:12:00	D	1.80
364	FIROZPUR	FAZILKA	S-NPP	74.27486	30.31860	14:12:00	D	22.60
365	FIROZPUR	FAZILKA	S-NPP	74.27843	30.31888	14:12:00	D	22.60
366	FIROZPUR	FAZILKA	S-NPP	74.27435	30.32379	14:12:00	D	7.50
367	FIROZPUR	FAZILKA	S-NPP	74.27793	30.32408	14:12:00	D	7.50
368	FIROZPUR	FAZILKA	S-NPP	74.08242	30.32410	14:12:00	D	5.10
369	FIROZPUR	FAZILKA	S-NPP	73.95679	30.32928	14:12:00	D	2.30

370	FIROZPUR	FAZILKA	S-NPP	73.97766	30.34377	14:12:00	D	6.20
371	FIROZPUR	FAZILKA	S-NPP	73.98110	30.34404	14:12:00	D	8.70
372	FIROZPUR	FAZILKA	S-NPP	73.96208	30.34513	14:12:00	D	1.80
373	FIROZPUR	FAZILKA	S-NPP	73.97921	30.34656	14:12:00	D	7.30
374	FIROZPUR	FAZILKA	S-NPP	73.99586	30.35310	14:12:00	D	4.20
375	FIROZPUR	FAZILKA	S-NPP	74.18501	30.35839	14:12:00	D	7.40
376	FIROZPUR	FAZILKA	S-NPP	74.06497	30.35886	14:12:00	D	1.70
377	FIROZPUR	FAZILKA	S-NPP	74.18680	30.35963	14:12:00	D	6.80
378	FIROZPUR	FAZILKA	S-NPP	74.29591	30.36215	14:12:00	D	1.70
379	FIROZPUR	FAZILKA	S-NPP	74.14131	30.37039	14:12:00	D	4.70
380	FIROZPUR	FAZILKA	S-NPP	74.14482	30.37068	14:12:00	D	4.70
381	FIROZPUR	FAZILKA	S-NPP	74.14296	30.37191	14:12:00	D	8.60
382	FIROZPUR	FAZILKA	S-NPP	74.16762	30.37379	14:12:00	D	2.30
383	FIROZPUR	FAZILKA	S-NPP	73.98829	30.37545	14:12:00	D	7.60
384	FIROZPUR	FAZILKA	S-NPP	74.14596	30.37733	14:12:00	D	7.60
385	FIROZPUR	FAZILKA	S-NPP	74.02074	30.37864	12:36:00	D	6.60
386	FIROZPUR	FAZILKA	S-NPP	74.14545	30.38248	14:12:00	D	7.60
387	FIROZPUR	FAZILKA	S-NPP	74.05697	30.38598	14:12:00	D	4.00
388	FIROZPUR	FAZILKA	S-NPP	73.93871	30.38694	14:12:00	D	2.50
389	FIROZPUR	FAZILKA	S-NPP	74.01139	30.38757	14:12:00	D	8.30
390	FIROZPUR	FAZILKA	S-NPP	73.92400	30.39602	14:12:00	D	6.00
391	FIROZPUR	FAZILKA	S-NPP	73.92742	30.39630	14:12:00	D	7.90
392	FIROZPUR	FAZILKA	S-NPP	74.00690	30.39751	14:12:00	D	3.00
393	FIROZPUR	FAZILKA	S-NPP	74.21161	30.39799	14:12:00	D	3.30
394	FIROZPUR	FAZILKA	S-NPP	73.95480	30.39850	14:12:00	D	3.20
395	FIROZPUR	FAZILKA	S-NPP	74.10829	30.40036	14:12:00	D	6.10
396	FIROZPUR	FAZILKA	S-NPP	74.00640	30.40263	14:12:00	D	3.00
397	FIROZPUR	FAZILKA	S-NPP	74.15045	30.40365	14:12:00	D	2.70
398	FIROZPUR	FAZILKA	S-NPP	74.15347	30.40909	14:12:00	D	7.30
399	FIROZPUR	FAZILKA	TERRA-1	74.26865	30.41011	11:19:00	D	11.09
400	FIROZPUR	FAZILKA	S-NPP	74.11025	30.41606	14:12:00	D	3.00

401	FIROZPUR	FAZILKA	S-NPP	74.22737	30.42008	14:12:00	D	9.00
402	FIROZPUR	FAZILKA	S-NPP	74.17667	30.42652	14:12:00	D	4.90
403	FIROZPUR	FAZILKA	S-NPP	74.04940	30.42672	14:12:00	D	3.10
404	FIROZPUR	FAZILKA	S-NPP	74.00037	30.42791	14:12:00	D	5.00
405	FIROZPUR	FAZILKA	S-NPP	74.00382	30.42818	14:12:00	D	5.00
406	FIROZPUR	FAZILKA	S-NPP	74.17616	30.43169	14:12:00	D	5.00
407	FIROZPUR	FAZILKA	S-NPP	74.11573	30.43206	14:12:00	D	1.30
408	FIROZPUR	FAZILKA	S-NPP	74.28355	30.43493	14:12:00	D	4.10
409	FIROZPUR	FAZILKA	S-NPP	73.98558	30.43699	14:12:00	D	2.90
410	FIROZPUR	FAZILKA	S-NPP	73.98903	30.43728	14:12:00	D	2.90
411	FIROZPUR	FAZILKA	S-NPP	73.97472	30.44125	14:12:00	D	19.70
412	FIROZPUR	FAZILKA	S-NPP	74.05480	30.44266	14:12:00	D	6.00
413	FIROZPUR	FAZILKA	S-NPP	74.15343	30.44548	14:12:00	D	3.40
414	FIROZPUR	FAZILKA	S-NPP	74.15697	30.44576	14:12:00	D	3.40
415	FIROZPUR	FAZILKA	S-NPP	74.04735	30.44722	14:12:00	D	7.70
416	FIROZPUR	FAZILKA	S-NPP	73.94888	30.44728	14:12:00	D	7.10
417	FIROZPUR	FAZILKA	TERRA-1	74.19533	30.44754	11:19:00	D	10.60
418	FIROZPUR	FAZILKA	S-NPP	74.18527	30.44804	14:12:00	D	7.80
419	FIROZPUR	FAZILKA	S-NPP	74.00871	30.44921	14:12:00	D	1.10
420	FIROZPUR	FAZILKA	S-NPP	73.94968	30.44946	14:12:00	D	6.30
421	FIROZPUR	FAZILKA	S-NPP	73.99367	30.45070	14:12:00	D	1.50
422	FIROZPUR	FAZILKA	S-NPP	74.11020	30.45236	14:12:00	D	8.80
423	FIROZPUR	FAZILKA	S-NPP	74.06076	30.45350	14:12:00	D	10.40
424	FIROZPUR	FAZILKA	S-NPP	74.06775	30.45407	14:12:00	D	6.60
425	FIROZPUR	FAZILKA	S-NPP	74.07124	30.45435	14:12:00	D	6.60
426	FIROZPUR	FAZILKA	S-NPP	74.05962	30.45570	14:12:00	D	5.20
427	FIROZPUR	FAZILKA	S-NPP	74.21672	30.45578	14:12:00	D	1.80
428	FIROZPUR	FAZILKA	S-NPP	73.99315	30.45580	14:12:00	D	1.50
429	FIROZPUR	FAZILKA	S-NPP	74.07011	30.45649	14:12:00	D	3.90
430	FIROZPUR	FAZILKA	S-NPP	74.10970	30.45750	14:12:00	D	5.60
431	FIROZPUR	FAZILKA	S-NPP	73.99388	30.45828	14:12:00	D	3.10

432	FIROZPUR	FAZILKA	S-NPP	73.98228	30.46012	14:12:00	D	1.80
433	FIROZPUR	FAZILKA	S-NPP	74.06609	30.46136	14:12:00	D	3.90
434	FIROZPUR	FAZILKA	S-NPP	73.96928	30.46137	14:12:00	D	3.20
435	FIROZPUR	FAZILKA	S-NPP	73.99956	30.46145	14:12:00	D	1.80
436	FIROZPUR	FAZILKA	S-NPP	74.06958	30.46163	14:12:00	D	3.90
437	FIROZPUR	FAZILKA	S-NPP	74.06672	30.46433	14:12:00	D	12.20
438	FIROZPUR	FAZILKA	S-NPP	73.97141	30.46443	14:12:00	D	4.60
439	FIROZPUR	FAZILKA	S-NPP	74.06557	30.46650	14:12:00	D	3.60
440	FIROZPUR	FAZILKA	S-NPP	74.11922	30.46867	14:12:00	D	2.30
441	FIROZPUR	FAZILKA	S-NPP	74.12273	30.46896	14:12:00	D	5.00
442	FIROZPUR	FAZILKA	S-NPP	74.12170	30.47076	14:12:00	D	5.00
443	FIROZPUR	FAZILKA	S-NPP	73.93254	30.47168	14:12:00	D	2.60
444	FIROZPUR	FAZILKA	S-NPP	73.93598	30.47196	14:12:00	D	2.60
445	FIROZPUR	FAZILKA	S-NPP	73.97726	30.47517	14:12:00	D	3.60
446	FIROZPUR	FAZILKA	S-NPP	73.98071	30.47544	14:12:00	D	5.60
447	FIROZPUR	FAZILKA	S-NPP	74.07854	30.47784	14:12:00	D	7.80
448	FIROZPUR	FAZILKA	S-NPP	74.00093	30.48217	14:12:00	D	5.10
449	FIROZPUR	FAZILKA	S-NPP	73.98312	30.48593	14:12:00	D	7.70
450	FIROZPUR	FAZILKA	S-NPP	73.93442	30.48723	14:12:00	D	3.70
451	FIROZPUR	FAZILKA	S-NPP	74.15900	30.48919	14:12:00	D	1.90
452	FIROZPUR	FAZILKA	S-NPP	73.98951	30.49158	14:12:00	D	1.20
453	FIROZPUR	FAZILKA	S-NPP	74.15797	30.49952	14:12:00	D	2.30
454	FIROZPUR	FAZILKA	S-NPP	74.05151	30.50162	14:12:00	D	4.00
455	FIROZPUR	FAZILKA	S-NPP	74.05499	30.50189	14:12:00	D	7.10
456	FIROZPUR	FAZILKA	S-NPP	74.04402	30.50620	14:12:00	D	3.80
457	FIROZPUR	FAZILKA	S-NPP	74.04700	30.51160	14:12:00	D	11.70
458	FIROZPUR	FAZILKA	S-NPP	74.05048	30.51188	14:12:00	D	11.70
459	FIROZPUR	FAZILKA	S-NPP	74.01170	30.51396	14:12:00	D	4.10
460	FIROZPUR	FAZILKA	S-NPP	74.07093	30.51867	14:12:00	D	1.80
461	FIROZPUR	FAZILKA	S-NPP	74.02856	30.52047	14:12:00	D	4.90
462	FIROZPUR	FAZILKA	S-NPP	74.10601	30.52145	14:12:00	D	13.40

463	FIROZPUR	FAZILKA	S-NPP	74.10952	30.52173	14:12:00	D	37.50
464	FIROZPUR	FIROZPUR	S-NPP	74.84524	30.78288	14:12:00	D	3.20
465	FIROZPUR	FIROZPUR	S-NPP	74.52034	30.81765	14:12:00	D	2.00
466	FIROZPUR	FIROZPUR	S-NPP	74.52184	30.82690	14:12:00	D	3.30
467	FIROZPUR	FIROZPUR	S-NPP	74.88754	30.83097	14:12:00	D	1.60
468	FIROZPUR	FIROZPUR	S-NPP	74.88828	30.83502	14:12:00	D	2.10
469	FIROZPUR	FIROZPUR	S-NPP	74.65842	30.84206	14:12:00	D	3.30
470	FIROZPUR	FIROZPUR	S-NPP	74.48596	30.84559	14:12:00	D	7.60
471	FIROZPUR	FIROZPUR	S-NPP	74.48972	30.84587	14:12:00	D	7.60
472	FIROZPUR	FIROZPUR	S-NPP	74.52360	30.84837	14:12:00	D	4.20
473	FIROZPUR	FIROZPUR	S-NPP	74.51933	30.85339	14:12:00	D	2.40
474	FIROZPUR	FIROZPUR	S-NPP	74.51882	30.85868	14:12:00	D	2.30
475	FIROZPUR	FIROZPUR	S-NPP	74.72652	30.86310	14:12:00	D	9.50
476	FIROZPUR	FIROZPUR	S-NPP	74.59467	30.86428	14:12:00	D	4.60
477	FIROZPUR	FIROZPUR	S-NPP	74.63194	30.87776	14:12:00	D	2.30
478	FIROZPUR	FIROZPUR	S-NPP	74.75229	30.88117	14:12:00	D	2.30
479	FIROZPUR	FIROZPUR	S-NPP	74.56224	30.88329	14:12:00	D	4.10
480	FIROZPUR	FIROZPUR	S-NPP	74.56174	30.88860	14:12:00	D	4.10
481	FIROZPUR	FIROZPUR	S-NPP	74.78698	30.88911	14:12:00	D	8.50
482	FIROZPUR	FIROZPUR	S-NPP	74.66071	30.90140	14:12:00	D	3.10
483	FIROZPUR	FIROZPUR	S-NPP	74.74059	30.92358	14:12:00	D	5.00
484	FIROZPUR	FIROZPUR	S-NPP	74.74449	30.92387	14:12:00	D	5.00
485	FIROZPUR	FIROZPUR	S-NPP	74.69197	30.93915	14:12:00	D	2.50
486	FIROZPUR	FIROZPUR	S-NPP	74.69202	30.94149	14:12:00	D	2.60
487	FIROZPUR	FIROZPUR	S-NPP	74.70990	30.95660	14:12:00	D	5.60
488	FIROZPUR	FIROZPUR	S-NPP	74.71380	30.95688	14:12:00	D	11.50
489	FIROZPUR	FIROZPUR	S-NPP	74.72550	30.95771	14:12:00	D	4.00
490	FIROZPUR	FIROZPUR	S-NPP	74.72941	30.95798	14:12:00	D	5.50
491	FIROZPUR	FIROZPUR	S-NPP	74.68461	31.01953	14:12:00	D	13.20
492	FIROZPUR	FIROZPUR	S-NPP	74.63384	31.02109	14:12:00	D	2.80
493	FIROZPUR	FIROZPUR	S-NPP	74.63239	31.02382	14:12:00	D	3.10

494	FIROZPUR	FIROZPUR	S-NPP	74.63090	31.03985	14:12:00	D	3.70
495	FIROZPUR	FIROZPUR	S-NPP	74.80531	31.06829	14:12:00	D	2.50
496	FIROZPUR	FIROZPUR	S-NPP	74.75352	31.07008	14:12:00	D	3.20
497	FIROZPUR	FIROZPUR	S-NPP	74.80286	31.09529	14:12:00	D	3.10
498	FIROZPUR	FIROZPUR	S-NPP	74.75847	31.10296	14:12:00	D	9.00
499	FIROZPUR	JALALABAD	S-NPP	74.30628	30.46295	14:12:00	D	4.10
500	FIROZPUR	JALALABAD	S-NPP	74.23356	30.46758	14:12:00	D	6.40
501	FIROZPUR	JALALABAD	S-NPP	74.23272	30.46868	14:12:00	D	6.00
502	FIROZPUR	JALALABAD	S-NPP	74.24783	30.46874	14:12:00	D	1.20
503	FIROZPUR	JALALABAD	S-NPP	74.22593	30.47219	14:12:00	D	4.20
504	FIROZPUR	JALALABAD	S-NPP	74.22507	30.47333	14:12:00	D	4.50
505	FIROZPUR	JALALABAD	S-NPP	74.27242	30.47596	14:12:00	D	3.10
506	FIROZPUR	JALALABAD	S-NPP	74.27601	30.47625	14:12:00	D	3.10
507	FIROZPUR	JALALABAD	S-NPP	74.27165	30.47680	14:12:00	D	4.20
508	FIROZPUR	JALALABAD	S-NPP	74.27525	30.47707	14:12:00	D	4.20
509	FIROZPUR	JALALABAD	S-NPP	74.29039	30.47741	14:12:00	D	7.00
510	FIROZPUR	JALALABAD	S-NPP	74.28966	30.47814	14:12:00	D	6.10
511	FIROZPUR	JALALABAD	S-NPP	74.27192	30.48116	14:12:00	D	10.30
512	FIROZPUR	JALALABAD	S-NPP	74.27113	30.48200	14:12:00	D	3.60
513	FIROZPUR	JALALABAD	S-NPP	74.27475	30.48227	14:12:00	D	3.60
514	FIROZPUR	JALALABAD	S-NPP	74.26426	30.48578	14:12:00	D	5.00
515	FIROZPUR	JALALABAD	S-NPP	74.26785	30.48607	14:12:00	D	5.00
516	FIROZPUR	JALALABAD	S-NPP	74.25985	30.48639	14:12:00	D	4.40
517	FIROZPUR	JALALABAD	S-NPP	74.26704	30.48693	14:12:00	D	9.60
518	FIROZPUR	JALALABAD	S-NPP	74.34411	30.48701	14:12:00	D	6.30
519	FIROZPUR	JALALABAD	S-NPP	74.34343	30.48738	14:12:00	D	3.10
520	FIROZPUR	JALALABAD	S-NPP	74.34707	30.48765	14:12:00	D	3.10
521	FIROZPUR	JALALABAD	S-NPP	74.28814	30.49375	14:12:00	D	1.90
522	FIROZPUR	JALALABAD	S-NPP	74.29846	30.49978	14:12:00	D	2.10
523	FIROZPUR	JALALABAD	S-NPP	74.30208	30.50005	14:12:00	D	2.10
524	FIROZPUR	JALALABAD	S-NPP	74.23324	30.50007	14:12:00	D	11.50

525	FIROZPUR	JALALABAD	S-NPP	74.23682	30.50035	14:12:00	D	11.50
526	FIROZPUR	JALALABAD	S-NPP	74.24040	30.50062	14:12:00	D	13.30
527	FIROZPUR	JALALABAD	S-NPP	74.15747	30.50468	14:12:00	D	6.50
528	FIROZPUR	JALALABAD	S-NPP	74.30519	30.50553	14:12:00	D	3.00
529	FIROZPUR	JALALABAD	S-NPP	74.23989	30.50581	14:12:00	D	13.30
530	FIROZPUR	JALALABAD	S-NPP	74.34507	30.50854	14:12:00	D	3.30
531	FIROZPUR	JALALABAD	S-NPP	74.27941	30.50882	14:12:00	D	7.40
532	FIROZPUR	JALALABAD	S-NPP	74.28302	30.50910	14:12:00	D	17.30
533	FIROZPUR	JALALABAD	S-NPP	74.29024	30.50965	14:12:00	D	12.50
534	FIROZPUR	JALALABAD	S-NPP	74.29746	30.51019	14:12:00	D	7.40
535	FIROZPUR	JALALABAD	TERRA-1	74.20897	30.51042	11:19:00	D	9.80
536	FIROZPUR	JALALABAD	S-NPP	74.28252	30.51430	14:12:00	D	6.70
537	FIROZPUR	JALALABAD	S-NPP	74.23528	30.51591	14:12:00	D	3.00
538	FIROZPUR	JALALABAD	S-NPP	74.27480	30.51895	14:12:00	D	16.20
539	FIROZPUR	JALALABAD	S-NPP	74.32179	30.52255	14:12:00	D	3.70
540	FIROZPUR	JALALABAD	S-NPP	74.33167	30.53382	14:12:00	D	4.30
541	FIROZPUR	JALALABAD	S-NPP	74.19756	30.53387	14:12:00	D	1.50
542	FIROZPUR	JALALABAD	S-NPP	74.33529	30.53410	14:12:00	D	4.30
543	FIROZPUR	JALALABAD	S-NPP	74.19705	30.53905	14:12:00	D	7.90
544	FIROZPUR	JALALABAD	S-NPP	74.11805	30.54317	14:12:00	D	2.70
545	FIROZPUR	JALALABAD	S-NPP	74.28671	30.54609	14:12:00	D	3.00
546	FIROZPUR	JALALABAD	S-NPP	74.23942	30.54762	14:12:00	D	1.70
547	FIROZPUR	JALALABAD	S-NPP	74.36292	30.55203	14:12:00	D	3.70
548	FIROZPUR	JALALABAD	S-NPP	74.31152	30.55329	14:12:00	D	4.10
549	FIROZPUR	JALALABAD	S-NPP	74.26407	30.55480	14:12:00	D	7.80
550	FIROZPUR	JALALABAD	S-NPP	74.26767	30.55508	14:12:00	D	7.80
551	FIROZPUR	JALALABAD	S-NPP	74.36606	30.55755	14:12:00	D	5.20
552	FIROZPUR	JALALABAD	S-NPP	74.29604	30.56257	14:12:00	D	7.90
553	FIROZPUR	JALALABAD	S-NPP	74.11604	30.56379	14:12:00	D	1.10
554	FIROZPUR	JALALABAD	S-NPP	74.18098	30.57523	14:12:00	D	4.20
555	FIROZPUR	JALALABAD	S-NPP	74.33492	30.57617	14:12:00	D	4.50

556	FIROZPUR	JALALABAD	S-NPP	74.30539	30.57907	14:12:00	D	11.60
557	FIROZPUR	JALALABAD	S-NPP	74.30374	30.57908	14:12:00	D	11.30
558	FIROZPUR	JALALABAD	S-NPP	74.17873	30.57931	14:12:00	D	4.50
559	FIROZPUR	JALALABAD	S-NPP	74.30737	30.57934	14:12:00	D	11.30
560	FIROZPUR	JALALABAD	S-NPP	74.30902	30.57936	14:12:00	D	11.60
561	FIROZPUR	JALALABAD	S-NPP	74.34013	30.58174	14:12:00	D	1.60
562	FIROZPUR	JALALABAD	S-NPP	74.19421	30.58666	14:12:00	D	1.80
563	FIROZPUR	JALALABAD	S-NPP	74.19778	30.58692	14:12:00	D	1.80
564	FIROZPUR	JALALABAD	S-NPP	74.37772	30.59011	14:12:00	D	6.70
565	FIROZPUR	JALALABAD	S-NPP	74.33183	30.59166	14:12:00	D	2.40
566	FIROZPUR	JALALABAD	S-NPP	74.26911	30.59750	14:12:00	D	2.50
567	FIROZPUR	JALALABAD	S-NPP	74.34588	30.59796	14:12:00	D	1.50
568	FIROZPUR	JALALABAD	S-NPP	74.36050	30.59904	14:12:00	D	1.90
569	FIROZPUR	JALALABAD	S-NPP	74.40823	30.60256	14:12:00	D	3.50
570	FIROZPUR	JALALABAD	S-NPP	74.41190	30.60283	14:12:00	D	8.30
571	FIROZPUR	JALALABAD	S-NPP	74.40974	30.60324	14:12:00	D	7.80
572	FIROZPUR	JALALABAD	S-NPP	74.36730	30.60482	14:12:00	D	14.40
573	FIROZPUR	JALALABAD	S-NPP	74.37096	30.60509	14:12:00	D	14.40
574	FIROZPUR	JALALABAD	S-NPP	74.18147	30.60656	14:12:00	D	4.70
575	FIROZPUR	JALALABAD	S-NPP	74.37045	30.61033	14:12:00	D	14.40
576	FIROZPUR	JALALABAD	S-NPP	74.23157	30.61038	14:12:00	D	5.80
577	FIROZPUR	JALALABAD	S-NPP	74.23516	30.61065	14:12:00	D	13.60
578	FIROZPUR	JALALABAD	S-NPP	74.10239	30.61087	14:12:00	D	1.90
579	FIROZPUR	JALALABAD	S-NPP	74.18810	30.61228	14:12:00	D	2.90
580	FIROZPUR	JALALABAD	S-NPP	74.22266	30.61263	12:36:00	D	5.00
581	FIROZPUR	JALALABAD	S-NPP	74.30379	30.61585	14:12:00	D	3.40
582	FIROZPUR	JALALABAD	S-NPP	74.18758	30.61746	14:12:00	D	2.90
583	FIROZPUR	JALALABAD	S-NPP	74.36943	30.62080	14:12:00	D	1.50
584	FIROZPUR	JALALABAD	S-NPP	74.35795	30.62521	14:12:00	D	3.50
585	FIROZPUR	JALALABAD	S-NPP	74.32096	30.62767	14:12:00	D	3.50
586	FIROZPUR	JALALABAD	S-NPP	74.15755	30.63078	14:12:00	D	3.20

587	FIROZPUR	JALALABAD	S-NPP	74.23311	30.63144	14:12:00	D	2.40
588	FIROZPUR	JALALABAD	S-NPP	74.45001	30.63212	14:12:00	D	12.00
589	FIROZPUR	JALALABAD	S-NPP	74.45372	30.63240	14:12:00	D	18.60
590	FIROZPUR	JALALABAD	S-NPP	74.23260	30.63663	14:12:00	D	4.30
591	FIROZPUR	JALALABAD	S-NPP	74.19268	30.63874	14:12:00	D	2.10
592	FIROZPUR	JALALABAD	S-NPP	74.40097	30.63902	14:12:00	D	4.50
593	FIROZPUR	JALALABAD	S-NPP	74.41573	30.64014	14:12:00	D	9.80
594	FIROZPUR	JALALABAD	S-NPP	74.39311	30.64371	14:12:00	D	6.00
595	FIROZPUR	JALALABAD	S-NPP	74.46755	30.64405	14:12:00	D	3.50
596	FIROZPUR	JALALABAD	S-NPP	74.27537	30.64519	14:12:00	D	5.60
597	FIROZPUR	JALALABAD	S-NPP	74.17383	30.64770	14:12:00	D	3.70
598	FIROZPUR	JALALABAD	S-NPP	74.17738	30.64798	14:12:00	D	3.70
599	FIROZPUR	JALALABAD	S-NPP	74.25681	30.64899	14:12:00	D	2.20
600	FIROZPUR	JALALABAD	S-NPP	74.27848	30.65068	14:12:00	D	6.40
601	FIROZPUR	JALALABAD	S-NPP	74.24188	30.65306	14:12:00	D	6.40
602	FIROZPUR	JALALABAD	S-NPP	74.39577	30.65448	14:12:00	D	2.60
603	FIROZPUR	JALALABAD	S-NPP	74.23059	30.65741	14:12:00	D	18.80
604	FIROZPUR	JALALABAD	S-NPP	74.29924	30.66281	14:12:00	D	2.70
605	FIROZPUR	JALALABAD	S-NPP	74.40214	30.66555	14:12:00	D	3.00
606	FIROZPUR	JALALABAD	S-NPP	74.40164	30.67080	14:12:00	D	3.30
607	FIROZPUR	JALALABAD	S-NPP	74.22498	30.67790	14:12:00	D	2.30
608	FIROZPUR	JALALABAD	S-NPP	74.22582	30.67905	14:12:00	D	3.10
609	FIROZPUR	JALALABAD	S-NPP	74.34510	30.68221	14:12:00	D	7.70
610	FIROZPUR	JALALABAD	S-NPP	74.33000	30.68629	14:12:00	D	11.40
611	FIROZPUR	JALALABAD	S-NPP	74.32739	30.68649	14:12:00	D	6.20
612	FIROZPUR	JALALABAD	S-NPP	74.33104	30.68676	14:12:00	D	7.60
613	FIROZPUR	JALALABAD	S-NPP	74.26002	30.69120	14:12:00	D	2.90
614	FIROZPUR	JALALABAD	S-NPP	74.26092	30.69213	14:12:00	D	3.30
615	FIROZPUR	JALALABAD	S-NPP	74.45512	30.69616	14:12:00	D	3.80
616	FIROZPUR	JALALABAD	S-NPP	74.24905	30.70173	14:12:00	D	4.80
617	FIROZPUR	JALALABAD	S-NPP	74.43510	30.71049	14:12:00	D	1.80

618	FIROZPUR	JALALABAD	S-NPP	74.25526	30.71268	14:12:00	D	5.10
619	FIROZPUR	JALALABAD	S-NPP	74.29102	30.72062	14:12:00	D	2.50
620	FIROZPUR	JALALABAD	S-NPP	74.30506	30.72694	14:12:00	D	5.30
621	FIROZPUR	JALALABAD	S-NPP	74.30871	30.72722	14:12:00	D	5.30
622	FIROZPUR	JALALABAD	S-NPP	74.27659	30.75631	14:12:00	D	5.70
623	FIROZPUR	JALALABAD	S-NPP	74.27509	30.77196	14:12:00	D	4.40
624	FIROZPUR	JALALABAD	S-NPP	74.28234	30.77253	14:12:00	D	11.40
625	FIROZPUR	JALALABAD	S-NPP	74.33242	30.78699	14:12:00	D	7.20
626	FIROZPUR	ZIRA	S-NPP	75.36594	30.84747	14:12:00	D	5.10
627	FIROZPUR	ZIRA	S-NPP	75.30165	30.85413	14:12:00	D	14.90
628	FIROZPUR	ZIRA	S-NPP	74.95695	30.86303	14:12:00	D	3.50
629	FIROZPUR	ZIRA	S-NPP	74.96096	30.86330	14:12:00	D	4.20
630	FIROZPUR	ZIRA	S-NPP	75.10749	30.86781	14:12:00	D	7.00
631	FIROZPUR	ZIRA	S-NPP	75.10845	30.86787	14:12:00	D	6.50
632	FIROZPUR	ZIRA	S-NPP	75.06616	30.87053	14:12:00	D	6.40
633	FIROZPUR	ZIRA	S-NPP	75.17750	30.87253	14:12:00	D	3.50
634	FIROZPUR	ZIRA	TERRA-1	75.11787	30.87274	11:19:00	D	11.19
635	FIROZPUR	ZIRA	S-NPP	75.35038	30.87280	14:12:00	D	2.50
636	FIROZPUR	ZIRA	S-NPP	75.35092	30.87441	14:12:00	D	2.70
637	FIROZPUR	ZIRA	S-NPP	75.15221	30.87636	14:12:00	D	7.10
638	FIROZPUR	ZIRA	S-NPP	75.15634	30.87664	14:12:00	D	6.80
639	FIROZPUR	ZIRA	S-NPP	75.32352	30.88782	14:12:00	D	4.70
640	FIROZPUR	ZIRA	S-NPP	75.32775	30.88810	14:12:00	D	4.70
641	FIROZPUR	ZIRA	S-NPP	75.16779	30.88850	14:12:00	D	2.60
642	FIROZPUR	ZIRA	S-NPP	75.32257	30.89894	14:12:00	D	3.10
643	FIROZPUR	ZIRA	S-NPP	75.24638	30.89939	14:12:00	D	12.50
644	FIROZPUR	ZIRA	S-NPP	74.93752	30.89996	14:12:00	D	2.70
645	FIROZPUR	ZIRA	S-NPP	75.02667	30.90080	14:12:00	D	6.40
646	FIROZPUR	ZIRA	S-NPP	74.84900	30.90448	14:12:00	D	2.10
647	FIROZPUR	ZIRA	S-NPP	75.35604	30.90678	14:12:00	D	6.00
648	FIROZPUR	ZIRA	S-NPP	75.19537	30.90702	14:12:00	D	10.90

649	FIROZPUR	ZIRA	S-NPP	75.20785	30.90788	14:12:00	D	6.10
650	FIROZPUR	ZIRA	TERRA-1	75.12504	30.90867	11:19:00	D	17.37
651	FIROZPUR	ZIRA	S-NPP	75.35558	30.91235	14:12:00	D	6.00
652	FIROZPUR	ZIRA	S-NPP	75.21941	30.91979	14:12:00	D	3.20
653	FIROZPUR	ZIRA	S-NPP	75.19765	30.92939	14:12:00	D	1.30
654	FIROZPUR	ZIRA	S-NPP	75.26871	30.93435	14:12:00	D	2.50
655	FIROZPUR	ZIRA	S-NPP	74.88560	30.94167	14:12:00	D	2.70
656	FIROZPUR	ZIRA	S-NPP	75.21757	30.94190	14:12:00	D	2.60
657	FIROZPUR	ZIRA	S-NPP	74.88528	30.94529	14:12:00	D	2.80
658	FIROZPUR	ZIRA	S-NPP	75.18793	30.94536	14:12:00	D	5.10
659	FIROZPUR	ZIRA	S-NPP	75.36082	30.95194	14:12:00	D	3.60
660	FIROZPUR	ZIRA	S-NPP	75.17905	30.95573	14:12:00	D	11.90
661	FIROZPUR	ZIRA	S-NPP	75.17868	30.95580	14:12:00	D	9.10
662	FIROZPUR	ZIRA	S-NPP	75.18320	30.95601	14:12:00	D	11.80
663	FIROZPUR	ZIRA	S-NPP	75.18284	30.95609	14:12:00	D	12.50
664	FIROZPUR	ZIRA	S-NPP	75.14540	30.95907	14:12:00	D	1.80
665	FIROZPUR	ZIRA	S-NPP	74.97236	30.96399	14:12:00	D	3.80
666	FIROZPUR	ZIRA	S-NPP	74.82359	30.96461	14:12:00	D	3.60
667	FIROZPUR	ZIRA	S-NPP	75.23699	30.96508	14:12:00	D	3.20
668	FIROZPUR	ZIRA	S-NPP	75.00879	30.96546	14:12:00	D	20.90
669	FIROZPUR	ZIRA	S-NPP	75.23657	30.96551	14:12:00	D	2.30
670	FIROZPUR	ZIRA	S-NPP	75.00473	30.96619	14:12:00	D	15.00
671	FIROZPUR	ZIRA	S-NPP	75.00878	30.96646	14:12:00	D	39.40
672	FIROZPUR	ZIRA	S-NPP	75.09161	31.00520	14:12:00	D	4.40
673	FIROZPUR	ZIRA	S-NPP	75.09571	31.00549	14:12:00	D	7.40
674	FIROZPUR	ZIRA	S-NPP	74.91570	31.00930	14:12:00	D	4.00
675	FIROZPUR	ZIRA	S-NPP	75.15353	31.00948	14:12:00	D	2.60
676	FIROZPUR	ZIRA	S-NPP	75.15768	31.00976	14:12:00	D	2.60
677	FIROZPUR	ZIRA	S-NPP	75.08925	31.01433	12:36:00	D	4.10
678	FIROZPUR	ZIRA	S-NPP	75.11536	31.01791	14:12:00	D	3.50
679	FIROZPUR	ZIRA	S-NPP	75.19880	31.01814	14:12:00	D	5.30

680	FIROZPUR	ZIRA	S-NPP	75.19415	31.02337	14:12:00	D	3.10
681	FIROZPUR	ZIRA	S-NPP	75.29119	31.02446	14:12:00	D	5.70
682	FIROZPUR	ZIRA	S-NPP	75.16409	31.03239	14:12:00	D	6.10
683	FIROZPUR	ZIRA	S-NPP	75.14309	31.07479	14:12:00	D	2.00
684	FIROZPUR	ZIRA	S-NPP	75.14375	31.07530	14:12:00	D	2.20
685	GURDASPUR	DERA BABA NANAK	S-NPP	74.93087	32.05060	12:36:00	D	4.40
686	GURDASPUR	DERA BABA NANAK	S-NPP	74.92895	32.05548	12:36:00	D	2.90
687	JALANDHAR	JALANDHAR I	S-NPP	75.69623	31.21326	14:12:00	D	2.20
688	JALANDHAR	JALANDHAR II	S-NPP	75.46524	31.29417	14:12:00	D	3.60
689	JALANDHAR	JALANDHAR II	S-NPP	75.46523	31.29703	14:12:00	D	2.60
690	JALANDHAR	NAKODAR	S-NPP	75.55747	31.19534	14:12:00	D	3.30
691	JALANDHAR	NAKODAR	S-NPP	75.51741	31.19852	14:12:00	D	3.60
692	JALANDHAR	NAKODAR	S-NPP	75.45137	31.20002	14:12:00	D	8.60
693	JALANDHAR	NAKODAR	S-NPP	75.51859	31.20111	14:12:00	D	7.50
694	JALANDHAR	NAKODAR	S-NPP	75.44831	31.20188	14:12:00	D	4.20
695	JALANDHAR	NAKODAR	S-NPP	75.45266	31.20218	14:12:00	D	6.50
696	JALANDHAR	NAKODAR	S-NPP	75.51694	31.20416	14:12:00	D	3.60
697	JALANDHAR	PHILLAUR	S-NPP	75.61488	30.99179	12:36:00	D	4.40
698	JALANDHAR	PHILLAUR	S-NPP	75.59968	31.02233	14:12:00	D	2.30
699	JALANDHAR	PHILLAUR	S-NPP	75.75816	31.06112	14:12:00	D	6.20
700	JALANDHAR	PHILLAUR	S-NPP	75.64477	31.07084	14:12:00	D	9.70
701	JALANDHAR	PHILLAUR	S-NPP	75.54488	31.09819	14:12:00	D	2.90
702	JALANDHAR	PHILLAUR	S-NPP	75.54436	31.10072	14:12:00	D	19.40
703	JALANDHAR	PHILLAUR	S-NPP	75.54443	31.10383	14:12:00	D	17.80
704	JALANDHAR	PHILLAUR	S-NPP	75.64117	31.11624	14:12:00	D	4.60
705	JALANDHAR	PHILLAUR	S-NPP	75.64077	31.11818	14:12:00	D	5.30
706	JALANDHAR	PHILLAUR	S-NPP	75.81675	31.12913	14:12:00	D	4.00
707	JALANDHAR	PHILLAUR	S-NPP	75.74263	31.14176	14:12:00	D	13.80
708	JALANDHAR	SHAHKOT	S-NPP	75.39098	31.00873	14:12:00	D	1.70
709	JALANDHAR	SHAHKOT	S-NPP	75.31990	31.03760	14:12:00	D	3.00
710	JALANDHAR	SHAHKOT	S-NPP	75.32415	31.03789	14:12:00	D	3.00

711	JALANDHAR	SHAHKOT	S-NPP	75.36157	31.05167	14:12:00	D	4.50
712	JALANDHAR	SHAHKOT	S-NPP	75.21162	31.10714	14:12:00	D	4.00
713	KAPURTHALA	BHOLATH	S-NPP	75.44346	31.62150	14:12:00	D	2.90
714	KAPURTHALA	KAPURTHALA	S-NPP	75.36967	31.23979	14:12:00	D	3.50
715	KAPURTHALA	KAPURTHALA	S-NPP	75.30361	31.25779	14:12:00	D	8.70
716	KAPURTHALA	KAPURTHALA	S-NPP	75.30314	31.26336	14:12:00	D	6.30
717	KAPURTHALA	KAPURTHALA	S-NPP	75.34586	31.26629	14:12:00	D	3.70
718	KAPURTHALA	PHAGWARA	S-NPP	75.67865	31.24856	14:12:00	D	1.90
719	KAPURTHALA	PHAGWARA	S-NPP	75.89825	31.25654	14:12:00	D	2.50
720	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.23103	31.20816	14:12:00	D	3.80
721	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.14199	31.21332	14:12:00	D	4.60
722	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.25546	31.27125	14:12:00	D	2.10
723	LUDHIANA	JAGRAON	S-NPP	75.42660	30.61349	14:12:00	D	3.10
724	LUDHIANA	JAGRAON	S-NPP	75.41669	30.62963	14:12:00	D	4.60
725	LUDHIANA	JAGRAON	S-NPP	75.40936	30.69448	12:36:00	D	6.00
726	LUDHIANA	JAGRAON	S-NPP	75.50248	30.69843	12:36:00	D	11.50
727	LUDHIANA	JAGRAON	S-NPP	75.49914	30.69864	12:36:00	D	9.00
728	LUDHIANA	JAGRAON	S-NPP	75.40713	30.70071	12:36:00	D	6.00
729	LUDHIANA	JAGRAON	S-NPP	75.46371	30.72640	14:12:00	D	1.90
730	LUDHIANA	JAGRAON	S-NPP	75.52169	30.75858	14:12:00	D	6.60
731	LUDHIANA	JAGRAON	S-NPP	75.55157	30.76631	14:12:00	D	3.50
732	LUDHIANA	JAGRAON	S-NPP	75.50969	30.77837	14:12:00	D	3.90
733	LUDHIANA	JAGRAON	S-NPP	75.51402	30.77865	14:12:00	D	4.90
734	LUDHIANA	JAGRAON	S-NPP	75.45322	30.78036	14:12:00	D	3.50
735	LUDHIANA	JAGRAON	S-NPP	75.51120	30.78044	14:12:00	D	6.20
736	LUDHIANA	JAGRAON	S-NPP	75.40140	30.78259	14:12:00	D	5.30
737	LUDHIANA	JAGRAON	S-NPP	75.40566	30.78287	14:12:00	D	5.30
738	LUDHIANA	JAGRAON	S-NPP	75.40308	30.78396	14:12:00	D	6.40
739	LUDHIANA	JAGRAON	S-NPP	75.64021	30.79237	14:12:00	D	2.90
740	LUDHIANA	JAGRAON	S-NPP	75.63718	30.79498	14:12:00	D	3.30
741	LUDHIANA	JAGRAON	S-NPP	75.52077	30.80168	14:12:00	D	5.80

742	LUDHIANA	JAGRAON	S-NPP	75.45466	30.81422	14:12:00	D	5.30
743	LUDHIANA	JAGRAON	S-NPP	75.45419	30.81982	14:12:00	D	5.40
744	LUDHIANA	JAGRAON	S-NPP	75.44895	30.83073	14:12:00	D	4.70
745	LUDHIANA	JAGRAON	S-NPP	75.43758	30.86370	14:12:00	D	5.20
746	LUDHIANA	JAGRAON	S-NPP	75.60777	30.86414	14:12:00	D	4.60
747	LUDHIANA	JAGRAON	S-NPP	75.43674	30.86714	14:12:00	D	10.70
748	LUDHIANA	JAGRAON	S-NPP	75.45396	30.86823	14:12:00	D	8.80
749	LUDHIANA	JAGRAON	S-NPP	75.43713	30.86930	14:12:00	D	5.20
750	LUDHIANA	JAGRAON	S-NPP	75.60732	30.86979	14:12:00	D	4.60
751	LUDHIANA	JAGRAON	S-NPP	75.45432	30.87051	14:12:00	D	8.20
752	LUDHIANA	JAGRAON	S-NPP	75.49310	30.87322	14:12:00	D	8.20
753	LUDHIANA	JAGRAON	S-NPP	75.49743	30.87353	14:12:00	D	9.20
754	LUDHIANA	JAGRAON	S-NPP	75.49236	30.87631	14:12:00	D	9.50
755	LUDHIANA	JAGRAON	S-NPP	75.49667	30.87659	14:12:00	D	12.50
756	LUDHIANA	JAGRAON	S-NPP	75.49696	30.87914	14:12:00	D	3.70
757	LUDHIANA	JAGRAON	S-NPP	75.58010	30.87927	14:12:00	D	1.70
758	LUDHIANA	JAGRAON	S-NPP	75.57948	30.88182	14:12:00	D	2.40
759	LUDHIANA	JAGRAON	S-NPP	75.54839	30.88552	14:12:00	D	2.70
760	LUDHIANA	JAGRAON	S-NPP	75.47449	30.88884	14:12:00	D	11.20
761	LUDHIANA	JAGRAON	S-NPP	75.47363	30.89204	14:12:00	D	9.90
762	LUDHIANA	JAGRAON	S-NPP	75.54309	30.89651	14:12:00	D	8.80
763	LUDHIANA	JAGRAON	S-NPP	75.54336	30.89938	14:12:00	D	7.90
764	LUDHIANA	JAGRAON	S-NPP	75.50345	30.89961	14:12:00	D	7.60
765	LUDHIANA	JAGRAON	S-NPP	75.56882	30.90383	14:12:00	D	2.80
766	LUDHIANA	JAGRAON	S-NPP	75.37974	30.93080	14:12:00	D	5.40
767	LUDHIANA	JAGRAON	S-NPP	75.57532	30.93262	14:12:00	D	3.20
768	LUDHIANA	JAGRAON	S-NPP	75.50071	30.93333	14:12:00	D	19.50
769	LUDHIANA	JAGRAON	S-NPP	75.50506	30.93362	14:12:00	D	19.50
770	LUDHIANA	JAGRAON	S-NPP	75.39636	30.93755	14:12:00	D	3.60
771	LUDHIANA	JAGRAON	S-NPP	75.50896	30.93953	14:12:00	D	3.50
772	LUDHIANA	JAGRAON	S-NPP	75.42636	30.93959	14:12:00	D	2.10

773	LUDHIANA	JAGRAON	S-NPP	75.51329	30.93983	14:12:00	D	3.50
774	LUDHIANA	JAGRAON	S-NPP	75.46083	30.94193	14:12:00	D	10.90
775	LUDHIANA	JAGRAON	S-NPP	75.60083	30.94566	14:12:00	D	9.90
776	LUDHIANA	JAGRAON	S-NPP	75.43451	30.94578	14:12:00	D	1.70
777	LUDHIANA	JAGRAON	S-NPP	75.60524	30.94595	14:12:00	D	15.10
778	LUDHIANA	JAGRAON	S-NPP	75.56525	30.94897	14:12:00	D	8.10
779	LUDHIANA	JAGRAON	S-NPP	75.56963	30.94926	14:12:00	D	6.30
780	LUDHIANA	JAGRAON	S-NPP	75.57400	30.94955	14:12:00	D	6.30
781	LUDHIANA	JAGRAON	S-NPP	75.59991	30.95697	14:12:00	D	5.30
782	LUDHIANA	JAGRAON	S-NPP	75.60432	30.95726	14:12:00	D	9.50
783	LUDHIANA	LUDHIANA EAST	S-NPP	75.85180	30.69370	14:12:00	D	2.20
784	LUDHIANA	LUDHIANA EAST	S-NPP	75.85157	30.69474	14:12:00	D	2.20
785	LUDHIANA	LUDHIANA EAST	S-NPP	75.88150	30.71964	14:12:00	D	4.30
786	LUDHIANA	LUDHIANA EAST	S-NPP	75.86650	30.73597	14:12:00	D	5.80
787	LUDHIANA	LUDHIANA EAST	S-NPP	75.80632	30.74931	14:12:00	D	4.20
788	LUDHIANA	LUDHIANA EAST	S-NPP	75.89563	30.77245	14:12:00	D	8.20
789	LUDHIANA	LUDHIANA EAST	S-NPP	75.83025	30.79112	14:12:00	D	4.20
790	LUDHIANA	LUDHIANA EAST	S-NPP	75.82875	30.79270	14:12:00	D	4.90
791	LUDHIANA	LUDHIANA EAST	S-NPP	75.96629	30.81185	14:12:00	D	4.50
792	LUDHIANA	LUDHIANA EAST	S-NPP	75.96495	30.81257	14:12:00	D	2.60
793	LUDHIANA	LUDHIANA WEST	S-NPP	75.78650	30.77095	14:12:00	D	3.30
794	LUDHIANA	LUDHIANA WEST	TERRA-1	75.75394	30.77991	11:19:00	D	19.25
795	LUDHIANA	LUDHIANA WEST	S-NPP	75.74371	30.78173	14:12:00	D	3.60
796	LUDHIANA	LUDHIANA WEST	S-NPP	75.77663	30.78175	14:12:00	D	3.10
797	LUDHIANA	LUDHIANA WEST	S-NPP	75.70921	30.81958	14:12:00	D	3.00
798	LUDHIANA	LUDHIANA WEST	S-NPP	75.84451	30.82244	14:12:00	D	6.20
799	LUDHIANA	LUDHIANA WEST	S-NPP	75.84904	30.82273	14:12:00	D	8.30
800	LUDHIANA	LUDHIANA WEST	S-NPP	75.61976	30.82516	14:12:00	D	5.40
801	LUDHIANA	LUDHIANA WEST	S-NPP	75.62415	30.82545	14:12:00	D	6.50
802	LUDHIANA	LUDHIANA WEST	S-NPP	75.73059	30.83239	14:12:00	D	3.00
803	LUDHIANA	LUDHIANA WEST	S-NPP	75.62580	30.85968	14:12:00	D	1.00

804	LUDHIANA	LUDHIANA WEST	S-NPP	75.65611	30.92081	14:12:00	D	2.00
805	LUDHIANA	PAYAL	S-NPP	76.05572	30.62020	14:12:00	D	4.60
806	LUDHIANA	PAYAL	S-NPP	76.01411	30.67565	14:12:00	D	4.30
807	LUDHIANA	PAYAL	S-NPP	75.91217	30.68049	14:12:00	D	10.50
808	LUDHIANA	PAYAL	S-NPP	76.00397	30.68659	14:12:00	D	5.20
809	LUDHIANA	PAYAL	S-NPP	75.87879	30.69642	14:12:00	D	2.40
810	LUDHIANA	PAYAL	S-NPP	75.87849	30.70128	14:12:00	D	2.10
811	LUDHIANA	PAYAL	S-NPP	76.04109	30.70440	12:36:00	D	3.40
812	LUDHIANA	PAYAL	S-NPP	75.92628	30.71163	12:36:00	D	6.00
813	LUDHIANA	PAYAL	S-NPP	75.95049	30.77605	14:12:00	D	5.00
814	LUDHIANA	RAIKOT	S-NPP	75.49348	30.58427	14:12:00	D	2.00
815	LUDHIANA	RAIKOT	S-NPP	75.57495	30.59529	14:12:00	D	2.50
816	LUDHIANA	RAIKOT	S-NPP	75.52262	30.59748	14:12:00	D	2.00
817	LUDHIANA	RAIKOT	S-NPP	75.49825	30.60192	12:36:00	D	10.00
818	LUDHIANA	RAIKOT	S-NPP	75.52599	30.60898	14:12:00	D	5.70
819	LUDHIANA	RAIKOT	S-NPP	75.49922	30.61845	14:12:00	D	6.40
820	LUDHIANA	RAIKOT	S-NPP	75.72266	30.62204	14:12:00	D	6.10
821	LUDHIANA	RAIKOT	S-NPP	75.72710	30.62233	14:12:00	D	8.60
822	LUDHIANA	RAIKOT	S-NPP	75.69912	30.63758	14:12:00	D	5.20
823	LUDHIANA	RAIKOT	S-NPP	75.71242	30.63847	14:12:00	D	2.40
824	LUDHIANA	RAIKOT	S-NPP	75.50594	30.64145	14:12:00	D	8.10
825	LUDHIANA	RAIKOT	S-NPP	75.55772	30.64502	14:12:00	D	12.70
826	LUDHIANA	RAIKOT	S-NPP	75.50979	30.64736	14:12:00	D	3.60
827	LUDHIANA	RAIKOT	S-NPP	75.52702	30.64855	14:12:00	D	11.30
828	LUDHIANA	RAIKOT	S-NPP	75.55724	30.65065	14:12:00	D	6.20
829	LUDHIANA	RAIKOT	TERRA-1	75.65162	30.65115	11:19:00	D	14.53
830	LUDHIANA	RAIKOT	S-NPP	75.49212	30.65176	14:12:00	D	4.20
831	LUDHIANA	RAIKOT	S-NPP	75.52655	30.65417	14:12:00	D	11.30
832	LUDHIANA	RAIKOT	S-NPP	75.63084	30.66140	14:12:00	D	3.50
833	LUDHIANA	RAIKOT	S-NPP	75.61647	30.66809	12:36:00	D	3.70
834	LUDHIANA	RAIKOT	TERRA-1	75.71131	30.67062	11:19:00	D	11.12

835	LUDHIANA	RAIKOT	S-NPP	75.62991	30.67269	14:12:00	D	4.30
836	LUDHIANA	RAIKOT	S-NPP	75.62937	30.67511	14:12:00	D	4.80
837	LUDHIANA	RAIKOT	S-NPP	75.72507	30.68399	12:36:00	D	4.70
838	LUDHIANA	RAIKOT	S-NPP	75.69012	30.69397	14:12:00	D	7.00
839	LUDHIANA	RAIKOT	S-NPP	75.68961	30.69601	14:12:00	D	6.90
840	LUDHIANA	RAIKOT	S-NPP	75.80601	30.69765	14:12:00	D	2.10
841	LUDHIANA	RAIKOT	S-NPP	75.80589	30.70204	14:12:00	D	4.30
842	LUDHIANA	RAIKOT	S-NPP	75.72624	30.73833	14:12:00	D	7.20
843	LUDHIANA	RAIKOT	S-NPP	75.61746	30.76519	14:12:00	D	3.60
844	LUDHIANA	RAIKOT	S-NPP	75.62186	30.76549	14:12:00	D	3.60
845	LUDHIANA	SAMRALA	S-NPP	76.12878	30.77005	14:12:00	D	8.00
846	LUDHIANA	SAMRALA	S-NPP	76.26382	30.81975	14:12:00	D	2.90
847	LUDHIANA	SAMRALA	S-NPP	76.26245	30.82447	14:12:00	D	3.50
848	LUDHIANA	SAMRALA	S-NPP	76.25256	30.96367	14:12:00	D	12.90
849	MANSA	BUDHLADA	S-NPP	75.62812	29.74957	14:12:00	D	11.20
850	MANSA	BUDHLADA	S-NPP	75.62485	29.76704	12:36:00	D	5.70
851	MANSA	BUDHLADA	S-NPP	75.59244	29.77353	14:12:00	D	14.60
852	MANSA	BUDHLADA	S-NPP	75.57928	29.77823	14:12:00	D	3.00
853	MANSA	BUDHLADA	S-NPP	75.64622	29.79419	14:12:00	D	5.80
854	MANSA	BUDHLADA	S-NPP	75.73063	29.81710	14:12:00	D	3.60
855	MANSA	BUDHLADA	S-NPP	75.49836	29.83403	14:12:00	D	9.70
856	MANSA	BUDHLADA	S-NPP	75.49529	29.83798	14:12:00	D	11.80
857	MANSA	BUDHLADA	S-NPP	75.44892	29.84039	14:12:00	D	3.70
858	MANSA	BUDHLADA	S-NPP	75.59939	29.84151	14:12:00	D	1.20
859	MANSA	BUDHLADA	S-NPP	75.45158	29.84169	14:12:00	D	5.20
860	MANSA	BUDHLADA	S-NPP	75.72166	29.84188	14:12:00	D	5.30
861	MANSA	BUDHLADA	S-NPP	75.72396	29.84496	14:12:00	D	12.40
862	MANSA	BUDHLADA	S-NPP	75.72120	29.84751	14:12:00	D	2.90
863	MANSA	BUDHLADA	S-NPP	75.64758	29.84827	14:12:00	D	2.90
864	MANSA	BUDHLADA	S-NPP	75.69576	29.89110	14:12:00	D	9.00
865	MANSA	BUDHLADA	S-NPP	75.54503	29.89746	14:12:00	D	2.70

866	MANSA	BUDHLADA	S-NPP	75.61919	29.93470	14:12:00	D	4.80
867	MANSA	BUDHLADA	S-NPP	75.55058	29.93578	14:12:00	D	3.10
868	MANSA	BUDHLADA	S-NPP	75.61860	29.93648	14:12:00	D	3.50
869	MANSA	BUDHLADA	S-NPP	75.55013	29.93711	14:12:00	D	6.00
870	MANSA	BUDHLADA	S-NPP	75.57179	29.93719	14:12:00	D	2.50
871	MANSA	BUDHLADA	S-NPP	75.55010	29.94137	14:12:00	D	2.60
872	MANSA	BUDHLADA	S-NPP	75.66106	29.99962	14:12:00	D	2.20
873	MANSA	MANSA	S-NPP	75.46522	29.93018	12:36:00	D	11.70
874	MANSA	MANSA	S-NPP	75.39115	29.93062	14:12:00	D	1.90
875	MANSA	MANSA	S-NPP	75.39097	29.93092	14:12:00	D	1.90
876	MANSA	MANSA	S-NPP	75.27788	29.95047	14:12:00	D	4.40
877	MANSA	MANSA	S-NPP	75.34138	29.97714	14:12:00	D	2.20
878	MANSA	MANSA	S-NPP	75.30406	30.01838	14:12:00	D	4.50
879	MANSA	MANSA	S-NPP	75.30473	30.01883	14:12:00	D	4.30
880	MANSA	MANSA	S-NPP	75.33131	30.03687	14:12:00	D	5.90
881	MANSA	MANSA	S-NPP	75.33199	30.03750	14:12:00	D	6.00
882	MANSA	MANSA	S-NPP	75.56670	30.04156	14:12:00	D	5.70
883	MANSA	MANSA	S-NPP	75.57096	30.04184	14:12:00	D	6.50
884	MANSA	MANSA	S-NPP	75.56694	30.04371	14:12:00	D	6.00
885	MANSA	MANSA	S-NPP	75.57119	30.04402	14:12:00	D	7.40
886	MANSA	MANSA	S-NPP	75.33444	30.04819	14:12:00	D	5.20
887	MANSA	MANSA	S-NPP	75.47820	30.08045	14:12:00	D	3.90
888	MANSA	MANSA	S-NPP	75.30592	30.09055	14:12:00	D	5.10
889	MANSA	MANSA	S-NPP	75.26307	30.10957	14:12:00	D	4.10
890	MANSA	MANSA	S-NPP	75.34153	30.10978	14:12:00	D	3.30
891	MANSA	MANSA	S-NPP	75.26715	30.10987	14:12:00	D	4.10
892	MANSA	MANSA	S-NPP	75.34103	30.11530	14:12:00	D	3.30
893	MANSA	MANSA	S-NPP	75.47486	30.11942	14:12:00	D	5.90
894	MANSA	MANSA	S-NPP	75.38611	30.12917	14:12:00	D	5.10
895	MANSA	MANSA	S-NPP	75.38562	30.12970	14:12:00	D	5.70
896	MANSA	MANSA	S-NPP	75.36900	30.13359	14:12:00	D	7.20

897	MANSA	MANSA	S-NPP	75.37270	30.13431	14:12:00	D	6.60
898	MANSA	MANSA	S-NPP	75.45661	30.13489	14:12:00	D	2.30
899	MANSA	MANSA	S-NPP	75.45676	30.13947	14:12:00	D	6.50
900	MANSA	MANSA	S-NPP	75.45617	30.14045	14:12:00	D	4.40
901	MANSA	MANSA	S-NPP	75.40965	30.14748	14:12:00	D	5.10
902	MANSA	MANSA	S-NPP	75.40916	30.14816	14:12:00	D	6.60
903	MANSA	MANSA	S-NPP	75.45758	30.17869	14:12:00	D	8.50
904	MANSA	MANSA	S-NPP	75.46179	30.17898	14:12:00	D	8.50
905	MANSA	MANSA	S-NPP	75.40625	30.18631	14:12:00	D	2.10
906	MANSA	SARDULGARH	S-NPP	75.23943	29.56006	14:12:00	D	14.80
907	MANSA	SARDULGARH	S-NPP	75.29156	29.56394	14:12:00	D	14.00
908	MANSA	SARDULGARH	S-NPP	75.30391	29.59804	14:12:00	D	6.80
909	MANSA	SARDULGARH	S-NPP	75.22859	29.66971	14:12:00	D	5.10
910	MANSA	SARDULGARH	S-NPP	75.30717	29.69764	14:12:00	D	24.30
911	MANSA	SARDULGARH	S-NPP	75.22392	29.69961	12:36:00	D	4.80
912	MANSA	SARDULGARH	S-NPP	75.20124	29.70610	14:12:00	D	6.50
913	MANSA	SARDULGARH	S-NPP	75.20523	29.70641	14:12:00	D	6.50
914	MANSA	SARDULGARH	S-NPP	75.20119	29.70721	14:12:00	D	13.00
915	MANSA	SARDULGARH	S-NPP	75.38303	29.76986	14:12:00	D	5.70
916	MANSA	SARDULGARH	S-NPP	75.42836	29.77311	14:12:00	D	2.70
917	MANSA	SARDULGARH	S-NPP	75.32793	29.78802	14:12:00	D	2.00
918	MANSA	SARDULGARH	S-NPP	75.28442	29.81793	14:12:00	D	2.20
919	MANSA	SARDULGARH	S-NPP	75.28391	29.82342	14:12:00	D	2.50
920	MOGA	BAGHA PURANA	S-NPP	75.10004	30.53017	14:12:00	D	2.00
921	MOGA	BAGHA PURANA	S-NPP	75.03004	30.54059	14:12:00	D	2.80
922	MOGA	BAGHA PURANA	S-NPP	75.03001	30.54186	14:12:00	D	2.80
923	MOGA	BAGHA PURANA	S-NPP	75.07871	30.55608	12:36:00	D	5.80
924	MOGA	BAGHA PURANA	S-NPP	74.95569	30.56399	14:12:00	D	11.60
925	MOGA	BAGHA PURANA	S-NPP	75.10066	30.56872	14:12:00	D	2.80
926	MOGA	BAGHA PURANA	S-NPP	75.10472	30.56901	14:12:00	D	2.80
927	MOGA	BAGHA PURANA	S-NPP	74.97061	30.57597	14:12:00	D	5.70

928	MOGA	BAGHA PURANA	S-NPP	75.09515	30.58485	14:12:00	D	3.90
929	MOGA	BAGHA PURANA	S-NPP	75.05020	30.58714	14:12:00	D	7.90
930	MOGA	BAGHA PURANA	S-NPP	75.15016	30.61081	14:12:00	D	3.30
931	MOGA	BAGHA PURANA	TERRA-1	75.15880	30.61672	11:19:00	D	11.13
932	MOGA	BAGHA PURANA	S-NPP	75.00788	30.63164	12:36:00	D	6.00
933	MOGA	BAGHA PURANA	S-NPP	75.09891	30.63465	14:12:00	D	3.10
934	MOGA	BAGHA PURANA	S-NPP	75.09802	30.63487	14:12:00	D	3.20
935	MOGA	BAGHA PURANA	S-NPP	74.94034	30.67874	14:12:00	D	7.30
936	MOGA	BAGHA PURANA	S-NPP	74.91752	30.70982	14:12:00	D	4.50
937	MOGA	BAGHA PURANA	S-NPP	75.11416	30.72967	14:12:00	D	2.30
938	MOGA	BAGHA PURANA	S-NPP	75.11824	30.72997	14:12:00	D	3.30
939	MOGA	BAGHA PURANA	S-NPP	75.03967	30.74073	14:12:00	D	5.20
940	MOGA	BAGHA PURANA	S-NPP	75.04162	30.74198	14:12:00	D	6.40
941	MOGA	BAGHA PURANA	S-NPP	75.04275	30.75195	14:12:00	D	6.10
942	MOGA	BAGHA PURANA	S-NPP	75.04063	30.75290	14:12:00	D	3.30
943	MOGA	BAGHA PURANA	S-NPP	75.04467	30.75317	14:12:00	D	4.90
944	MOGA	BAGHA PURANA	S-NPP	74.96722	30.75881	14:12:00	D	6.60
945	MOGA	BAGHA PURANA	S-NPP	75.03560	30.76354	14:12:00	D	13.20
946	MOGA	BAGHA PURANA	S-NPP	74.96674	30.76425	14:12:00	D	3.70
947	MOGA	MOGA	S-NPP	75.33297	30.70625	14:12:00	D	4.80
948	MOGA	MOGA	TERRA-1	75.30204	30.72452	11:19:00	D	6.79
949	MOGA	MOGA	S-NPP	75.19263	30.72980	14:12:00	D	5.30
950	MOGA	MOGA	S-NPP	75.29285	30.73136	14:12:00	D	10.30
951	MOGA	MOGA	S-NPP	75.29703	30.73165	14:12:00	D	10.30
952	MOGA	MOGA	S-NPP	75.21646	30.74260	14:12:00	D	6.40
953	MOGA	MOGA	S-NPP	75.21415	30.74796	14:12:00	D	8.80
954	MOGA	MOGA	S-NPP	75.21598	30.74812	14:12:00	D	6.40
955	MOGA	MOGA	S-NPP	75.26409	30.75124	14:12:00	D	6.20
956	MOGA	MOGA	S-NPP	75.14408	30.76500	14:12:00	D	2.90
957	MOGA	MOGA	S-NPP	75.14619	30.76558	14:12:00	D	4.90
958	MOGA	MOGA	S-NPP	75.38107	30.77005	14:12:00	D	4.00

959	MOGA	MOGA	TERRA-1	75.30375	30.77093	11:19:00	D	12.37
960	MOGA	MOGA	S-NPP	75.22835	30.77666	14:12:00	D	3.80
961	MOGA	MOGA	S-NPP	75.32576	30.78250	12:36:00	D	4.00
962	MOGA	MOGA	S-NPP	75.38342	30.79262	14:12:00	D	11.20
963	MOGA	MOGA	S-NPP	75.29793	30.79806	14:12:00	D	5.00
964	MOGA	MOGA	S-NPP	75.38722	30.79848	14:12:00	D	11.20
965	MOGA	MOGA	S-NPP	75.39148	30.79876	14:12:00	D	20.80
966	MOGA	MOGA	S-NPP	74.99197	30.79888	14:12:00	D	3.50
967	MOGA	MOGA	S-NPP	75.13457	30.80347	14:12:00	D	6.10
968	MOGA	MOGA	S-NPP	75.24861	30.83365	14:12:00	D	7.00
969	MOGA	MOGA	S-NPP	75.25278	30.83395	14:12:00	D	14.30
970	MOGA	MOGA	S-NPP	75.26115	30.83454	14:12:00	D	6.70
971	MOGA	MOGA	S-NPP	75.36264	30.83604	14:12:00	D	2.80
972	MOGA	MOGA	S-NPP	75.13582	30.83672	14:12:00	D	3.40
973	MOGA	MOGA	S-NPP	75.26067	30.84007	14:12:00	D	6.30
974	MOGA	MOGA	S-NPP	75.25376	30.84518	12:36:00	D	4.00
975	MOGA	MOGA	S-NPP	75.01936	30.84536	14:12:00	D	3.00
976	MOGA	NIHAL SINGH WALA	S-NPP	75.22376	30.52183	14:12:00	D	12.20
977	MOGA	NIHAL SINGH WALA	S-NPP	75.24847	30.52361	14:12:00	D	8.70
978	MOGA	NIHAL SINGH WALA	S-NPP	75.25260	30.52390	14:12:00	D	18.00
979	MOGA	NIHAL SINGH WALA	S-NPP	75.27283	30.53091	14:12:00	D	8.60
980	MOGA	NIHAL SINGH WALA	S-NPP	75.22691	30.53314	14:12:00	D	7.70
981	MOGA	NIHAL SINGH WALA	S-NPP	75.23465	30.53924	14:12:00	D	5.00
982	MOGA	NIHAL SINGH WALA	S-NPP	75.18491	30.54114	14:12:00	D	12.10
983	MOGA	NIHAL SINGH WALA	S-NPP	75.18515	30.54142	14:12:00	D	11.20
984	MOGA	NIHAL SINGH WALA	S-NPP	75.40219	30.55021	14:12:00	D	4.70
985	MOGA	NIHAL SINGH WALA	S-NPP	75.40154	30.55132	14:12:00	D	4.50
986	MOGA	NIHAL SINGH WALA	S-NPP	75.17908	30.56312	14:12:00	D	4.00
987	MOGA	NIHAL SINGH WALA	S-NPP	75.29434	30.57653	14:12:00	D	4.20
988	MOGA	NIHAL SINGH WALA	S-NPP	75.25455	30.60158	14:12:00	D	19.30
989	MOGA	NIHAL SINGH WALA	S-NPP	75.27583	30.62328	12:36:00	D	9.00

990	MOGA	NIHAL SINGH WALA	S-NPP	75.21194	30.68857	12:36:00	D	9.20
991	MOGA	NIHAL SINGH WALA	S-NPP	75.21265	30.68912	12:36:00	D	7.50
992	MOGA	NIHAL SINGH WALA	S-NPP	75.28316	30.69726	14:12:00	D	10.30
993	MUKTSAR	GIDDARBAHA	S-NPP	74.71195	30.16805	14:12:00	D	7.70
994	MUKTSAR	GIDDARBAHA	S-NPP	74.56404	30.18205	14:12:00	D	5.40
995	MUKTSAR	GIDDARBAHA	S-NPP	74.56774	30.18232	14:12:00	D	5.90
996	MUKTSAR	GIDDARBAHA	S-NPP	74.56719	30.18337	14:12:00	D	7.50
997	MUKTSAR	GIDDARBAHA	S-NPP	74.62578	30.19870	14:12:00	D	3.70
998	MUKTSAR	GIDDARBAHA	S-NPP	74.62586	30.20256	14:12:00	D	2.40
999	MUKTSAR	GIDDARBAHA	S-NPP	74.62009	30.22346	14:12:00	D	3.70
1000	MUKTSAR	GIDDARBAHA	S-NPP	74.59640	30.27495	14:12:00	D	4.00
1001	MUKTSAR	GIDDARBAHA	S-NPP	74.61085	30.28141	14:12:00	D	3.80
1002	MUKTSAR	GIDDARBAHA	S-NPP	74.60623	30.28542	14:12:00	D	15.10
1003	MUKTSAR	GIDDARBAHA	S-NPP	74.73212	30.28551	14:12:00	D	7.40
1004	MUKTSAR	GIDDARBAHA	S-NPP	74.60998	30.28569	14:12:00	D	24.00
1005	MUKTSAR	GIDDARBAHA	S-NPP	74.61372	30.28596	14:12:00	D	24.00
1006	MUKTSAR	GIDDARBAHA	S-NPP	74.60661	30.28642	14:12:00	D	15.00
1007	MUKTSAR	GIDDARBAHA	S-NPP	74.61034	30.28671	14:12:00	D	21.50
1008	MUKTSAR	GIDDARBAHA	S-NPP	74.61409	30.28700	14:12:00	D	21.50
1009	MUKTSAR	GIDDARBAHA	S-NPP	74.56361	30.29829	14:12:00	D	2.50
1010	MUKTSAR	GIDDARBAHA	S-NPP	74.67704	30.30266	14:12:00	D	3.30
1011	MUKTSAR	GIDDARBAHA	S-NPP	74.71445	30.31098	14:12:00	D	1.50
1012	MUKTSAR	GIDDARBAHA	S-NPP	74.62196	30.31857	14:12:00	D	3.60
1013	MUKTSAR	GIDDARBAHA	S-NPP	74.54941	30.32914	14:12:00	D	4.80
1014	MUKTSAR	GIDDARBAHA	S-NPP	74.76183	30.33422	14:12:00	D	2.80
1015	MUKTSAR	GIDDARBAHA	S-NPP	74.53352	30.33857	14:12:00	D	2.10
1016	MUKTSAR	GIDDARBAHA	S-NPP	74.70358	30.34068	14:12:00	D	1.90
1017	MUKTSAR	GIDDARBAHA	S-NPP	74.80845	30.37542	14:12:00	D	3.30
1018	MUKTSAR	GIDDARBAHA	S-NPP	74.72623	30.41508	14:12:00	D	1.60
1019	MUKTSAR	GIDDARBAHA	S-NPP	74.74388	30.43250	14:12:00	D	2.20
1020	MUKTSAR	GIDDARBAHA	S-NPP	74.67414	30.43814	14:12:00	D	2.40

1021	MUKTSAR	GIDDARBAHA	S-NPP	74.63903	30.44625	14:12:00	D	9.80
1022	MUKTSAR	GIDDARBAHA	S-NPP	74.64282	30.44653	14:12:00	D	9.80
1023	MUKTSAR	GIDDARBAHA	S-NPP	74.65366	30.45269	14:12:00	D	3.00
1024	MUKTSAR	GIDDARBAHA	S-NPP	74.63224	30.47783	14:12:00	D	1.60
1025	MUKTSAR	MALAUT	S-NPP	74.58788	29.94760	14:12:00	D	33.20
1026	MUKTSAR	MALAUT	S-NPP	74.59158	29.94789	14:12:00	D	29.70
1027	MUKTSAR	MALAUT	S-NPP	74.61643	29.96049	14:12:00	D	2.60
1028	MUKTSAR	MALAUT	S-NPP	74.49544	29.97154	14:12:00	D	2.50
1029	MUKTSAR	MALAUT	S-NPP	74.49687	29.97208	14:12:00	D	3.30
1030	MUKTSAR	MALAUT	S-NPP	74.45290	29.99468	14:12:00	D	2.90
1031	MUKTSAR	MALAUT	S-NPP	74.66872	30.02706	14:12:00	D	10.50
1032	MUKTSAR	MALAUT	S-NPP	74.67248	30.02735	14:12:00	D	6.20
1033	MUKTSAR	MALAUT	S-NPP	74.67197	30.03265	14:12:00	D	6.20
1034	MUKTSAR	MALAUT	S-NPP	74.67571	30.03294	14:12:00	D	6.20
1035	MUKTSAR	MALAUT	S-NPP	74.69397	30.03967	14:12:00	D	18.70
1036	MUKTSAR	MALAUT	S-NPP	74.50559	30.05687	14:12:00	D	1.20
1037	MUKTSAR	MALAUT	S-NPP	74.56386	30.06681	14:12:00	D	8.10
1038	MUKTSAR	MALAUT	S-NPP	74.56754	30.06710	14:12:00	D	8.10
1039	MUKTSAR	MALAUT	S-NPP	74.63483	30.06711	14:12:00	D	4.20
1040	MUKTSAR	MALAUT	S-NPP	74.56295	30.07152	14:12:00	D	4.30
1041	MUKTSAR	MALAUT	S-NPP	74.56664	30.07179	14:12:00	D	4.30
1042	MUKTSAR	MALAUT	S-NPP	74.47805	30.07579	14:12:00	D	4.00
1043	MUKTSAR	MALAUT	S-NPP	74.47749	30.07580	14:12:00	D	3.60
1044	MUKTSAR	MALAUT	S-NPP	74.47755	30.08103	14:12:00	D	4.00
1045	MUKTSAR	MALAUT	S-NPP	74.47697	30.08104	14:12:00	D	3.60
1046	MUKTSAR	MALAUT	S-NPP	74.42551	30.08244	14:12:00	D	10.30
1047	MUKTSAR	MALAUT	S-NPP	74.40691	30.08629	14:12:00	D	5.00
1048	MUKTSAR	MALAUT	S-NPP	74.65874	30.08918	14:12:00	D	4.30
1049	MUKTSAR	MALAUT	S-NPP	74.65899	30.09036	14:12:00	D	4.50
1050	MUKTSAR	MALAUT	S-NPP	74.41000	30.09179	14:12:00	D	4.90
1051	MUKTSAR	MALAUT	S-NPP	74.60119	30.10091	14:12:00	D	3.30

1052	MUKTSAR	MALAUT	S-NPP	74.58903	30.11064	14:12:00	D	4.50
1053	MUKTSAR	MALAUT	TERRA-1	74.54491	30.15858	11:19:00	D	7.18
1054	MUKTSAR	MALAUT	S-NPP	74.34525	30.16021	14:12:00	D	8.10
1055	MUKTSAR	MALAUT	S-NPP	74.49084	30.16667	14:12:00	D	1.50
1056	MUKTSAR	MALAUT	S-NPP	74.43224	30.16707	14:12:00	D	4.00
1057	MUKTSAR	MALAUT	S-NPP	74.43194	30.16723	14:12:00	D	3.00
1058	MUKTSAR	MALAUT	S-NPP	74.38436	30.16864	14:12:00	D	6.50
1059	MUKTSAR	MALAUT	S-NPP	74.38457	30.16880	14:12:00	D	5.60
1060	MUKTSAR	MALAUT	S-NPP	74.48619	30.17688	14:12:00	D	1.20
1061	MUKTSAR	MALAUT	S-NPP	74.45816	30.19380	12:36:00	D	4.00
1062	MUKTSAR	MALAUT	S-NPP	74.37894	30.22620	14:12:00	D	3.90
1063	MUKTSAR	MALAUT	S-NPP	74.50670	30.23611	14:12:00	D	2.00
1064	MUKTSAR	MALAUT	S-NPP	74.37742	30.24185	14:12:00	D	4.30
1065	MUKTSAR	MALAUT	S-NPP	74.40227	30.24908	14:12:00	D	5.80
1066	MUKTSAR	MALAUT	S-NPP	74.34290	30.26011	14:12:00	D	5.80
1067	MUKTSAR	MALAUT	S-NPP	74.34649	30.26040	14:12:00	D	9.00
1068	MUKTSAR	MALAUT	S-NPP	74.40440	30.26505	14:12:00	D	7.30
1069	MUKTSAR	MALAUT	S-NPP	74.30352	30.28417	14:12:00	D	2.30
1070	MUKTSAR	MALAUT	S-NPP	74.50538	30.28900	14:12:00	D	3.40
1071	MUKTSAR	MALAUT	S-NPP	74.45172	30.30060	14:12:00	D	10.50
1072	MUKTSAR	MALAUT	S-NPP	74.39958	30.30722	14:12:00	D	6.00
1073	MUKTSAR	MALAUT	S-NPP	74.39908	30.31245	14:12:00	D	3.10
1074	MUKTSAR	MALAUT	S-NPP	74.33854	30.33406	14:12:00	D	5.00
1075	MUKTSAR	MUKTSAR	S-NPP	74.45501	30.34313	14:12:00	D	7.50
1076	MUKTSAR	MUKTSAR	S-NPP	74.55708	30.36696	14:12:00	D	7.40
1077	MUKTSAR	MUKTSAR	S-NPP	74.40459	30.39160	14:12:00	D	3.60
1078	MUKTSAR	MUKTSAR	S-NPP	74.45001	30.39563	14:12:00	D	2.70
1079	MUKTSAR	MUKTSAR	S-NPP	74.44810	30.40012	14:12:00	D	4.40
1080	MUKTSAR	MUKTSAR	S-NPP	74.45179	30.40039	14:12:00	D	4.40
1081	MUKTSAR	MUKTSAR	S-NPP	74.51461	30.40504	14:12:00	D	23.90
1082	MUKTSAR	MUKTSAR	S-NPP	74.51039	30.41003	14:12:00	D	11.40

1083	MUKTSAR	MUKTSAR	S-NPP	74.53591	30.41724	14:12:00	D	1.90
1084	MUKTSAR	MUKTSAR	S-NPP	74.53915	30.42280	14:12:00	D	1.90
1085	MUKTSAR	MUKTSAR	S-NPP	74.48293	30.42390	14:12:00	D	2.60
1086	MUKTSAR	MUKTSAR	S-NPP	74.56103	30.42975	14:12:00	D	9.60
1087	MUKTSAR	MUKTSAR	S-NPP	74.37814	30.43704	14:12:00	D	3.10
1088	MUKTSAR	MUKTSAR	S-NPP	74.53338	30.44364	14:12:00	D	3.60
1089	MUKTSAR	MUKTSAR	S-NPP	74.53711	30.44391	14:12:00	D	3.60
1090	MUKTSAR	MUKTSAR	S-NPP	74.35119	30.45074	14:12:00	D	2.70
1091	MUKTSAR	MUKTSAR	S-NPP	74.55752	30.46676	14:12:00	D	8.50
1092	MUKTSAR	MUKTSAR	S-NPP	74.56126	30.46705	14:12:00	D	17.00
1093	MUKTSAR	MUKTSAR	S-NPP	74.60632	30.47050	14:12:00	D	2.40
1094	MUKTSAR	MUKTSAR	S-NPP	74.46633	30.48092	14:12:00	D	1.80
1095	MUKTSAR	MUKTSAR	S-NPP	74.42433	30.48805	14:12:00	D	1.60
1096	MUKTSAR	MUKTSAR	S-NPP	74.42484	30.48821	14:12:00	D	1.60
1097	MUKTSAR	MUKTSAR	S-NPP	74.52842	30.49643	14:12:00	D	1.80
1098	MUKTSAR	MUKTSAR	S-NPP	74.49817	30.49935	14:12:00	D	1.60
1099	MUKTSAR	MUKTSAR	S-NPP	74.37787	30.51101	14:12:00	D	4.20
1100	MUKTSAR	MUKTSAR	S-NPP	74.59412	30.51637	14:12:00	D	2.60
1101	MUKTSAR	MUKTSAR	S-NPP	74.61194	30.52836	14:12:00	D	2.20
1102	MUKTSAR	MUKTSAR	S-NPP	74.40200	30.52866	14:12:00	D	7.30
1103	MUKTSAR	MUKTSAR	S-NPP	74.42722	30.53585	14:12:00	D	4.40
1104	MUKTSAR	MUKTSAR	S-NPP	74.59162	30.54289	14:12:00	D	1.60
1105	MUKTSAR	MUKTSAR	S-NPP	74.45991	30.54363	14:12:00	D	6.40
1106	MUKTSAR	MUKTSAR	S-NPP	74.46360	30.54391	14:12:00	D	8.00
1107	MUKTSAR	MUKTSAR	S-NPP	74.49599	30.55699	14:12:00	D	3.80
1108	MUKTSAR	MUKTSAR	S-NPP	74.38802	30.55926	14:12:00	D	1.90
1109	MUKTSAR	MUKTSAR	S-NPP	74.59338	30.56439	14:12:00	D	10.90
1110	MUKTSAR	MUKTSAR	S-NPP	74.53602	30.57069	14:12:00	D	7.50
1111	MUKTSAR	MUKTSAR	S-NPP	74.37983	30.58991	14:12:00	D	6.20
1112	MUKTSAR	MUKTSAR	S-NPP	74.44986	30.59501	14:12:00	D	2.70
1113	MUKTSAR	MUKTSAR	S-NPP	74.45127	30.59596	14:12:00	D	2.80

1114	MUKTSAR	MUKTSAR	S-NPP	74.40873	30.59731	14:12:00	D	3.50
1115	MUKTSAR	MUKTSAR	S-NPP	74.43086	30.59892	14:12:00	D	3.00
1116	NAWASHAHR	NAWASHAHR	S-NPP	76.06745	31.00497	14:12:00	D	4.40
1117	NAWASHAHR	NAWASHAHR	S-NPP	76.07215	31.00527	14:12:00	D	4.40
1118	NAWASHAHR	NAWASHAHR	S-NPP	76.18209	31.02321	14:12:00	D	5.20
1119	NAWASHAHR	NAWASHAHR	S-NPP	76.00423	31.04772	14:12:00	D	21.50
1120	NAWASHAHR	NAWASHAHR	S-NPP	76.03037	31.13597	12:36:00	D	2.70
1121	NAWASHAHR	NAWASHAHR	S-NPP	76.03296	31.13705	12:36:00	D	4.20
1122	PATIALA	NABHA	S-NPP	76.11025	30.36734	14:12:00	D	7.60
1123	PATIALA	NABHA	S-NPP	76.03134	30.36792	14:12:00	D	11.10
1124	PATIALA	NABHA	S-NPP	76.03593	30.36822	14:12:00	D	10.80
1125	PATIALA	NABHA	S-NPP	76.24941	30.40273	12:36:00	D	3.70
1126	PATIALA	NABHA	TERRA-1	76.24335	30.42358	11:19:00	D	14.41
1127	PATIALA	NABHA	S-NPP	76.24334	30.42829	14:12:00	D	4.10
1128	PATIALA	NABHA	S-NPP	76.06974	30.48144	14:12:00	D	3.50
1129	PATIALA	NABHA	S-NPP	76.32169	30.53332	14:12:00	D	4.00
1130	PATIALA	NABHA	S-NPP	76.21640	30.53687	14:12:00	D	12.40
1131	PATIALA	NABHA	S-NPP	76.22115	30.53716	14:12:00	D	18.90
1132	PATIALA	NABHA	S-NPP	76.32188	30.53742	14:12:00	D	3.50
1133	PATIALA	PATIALA	S-NPP	76.26768	30.31544	12:36:00	D	5.60
1134	PATIALA	PATIALA	S-NPP	76.27017	30.31719	12:36:00	D	4.80
1135	PATIALA	PATIALA	S-NPP	76.25856	30.35910	12:36:00	D	6.40
1136	PATIALA	PATIALA	S-NPP	76.28501	30.36697	14:12:00	D	2.10
1137	PATIALA	PATIALA	S-NPP	76.30746	30.38606	14:12:00	D	8.80
1138	PATIALA	SAMANA	S-NPP	76.16919	29.82414	14:12:00	D	7.60
1139	PATIALA	SAMANA	S-NPP	76.19863	29.86153	12:36:00	D	5.50
1140	PATIALA	SAMANA	S-NPP	76.20033	29.86473	12:36:00	D	4.20
1141	PATIALA	SAMANA	TERRA-1	76.08987	29.88908	11:19:00	D	10.58
1142	PATIALA	SAMANA	S-NPP	76.07256	29.96861	14:12:00	D	4.30
1143	PATIALA	SAMANA	S-NPP	76.12473	29.96872	12:36:00	D	7.20
1144	PATIALA	SAMANA	S-NPP	76.07343	29.96960	14:12:00	D	4.60

1145	PATIALA	SAMANA	S-NPP	76.12372	29.97130	12:36:00	D	13.40
1146	PATIALA	SAMANA	S-NPP	76.12934	29.97282	12:36:00	D	13.00
1147	PATIALA	SAMANA	S-NPP	76.12260	29.97484	12:36:00	D	6.20
1148	PATIALA	SAMANA	S-NPP	76.12824	29.97632	12:36:00	D	6.20
1149	PATIALA	SAMANA	TERRA-1	76.06941	29.98790	11:19:00	D	9.84
1150	PATIALA	SAMANA	S-NPP	76.11271	30.16248	12:36:00	D	6.10
1151	PATIALA	SAMANA	S-NPP	76.11829	30.16400	12:36:00	D	9.60
1152	PATIALA	SAMANA	S-NPP	76.11476	30.16635	12:36:00	D	9.00
1153	SANGRUR	DHURI	S-NPP	75.69681	30.32811	14:12:00	D	3.10
1154	SANGRUR	DHURI	S-NPP	75.81138	30.33588	14:12:00	D	2.50
1155	SANGRUR	DHURI	TERRA-1	75.91901	30.40022	11:19:00	D	12.76
1156	SANGRUR	DHURI	S-NPP	75.92319	30.41399	14:12:00	D	17.70
1157	SANGRUR	DHURI	S-NPP	75.90008	30.41826	14:12:00	D	12.50
1158	SANGRUR	DHURI	S-NPP	75.90460	30.41855	14:12:00	D	19.40
1159	SANGRUR	DHURI	S-NPP	75.89961	30.42398	14:12:00	D	12.50
1160	SANGRUR	DHURI	S-NPP	75.90414	30.42427	14:12:00	D	19.40
1161	SANGRUR	DHURI	S-NPP	75.71857	30.44625	14:12:00	D	1.20
1162	SANGRUR	DHURI	S-NPP	75.76928	30.47828	14:12:00	D	3.40
1163	SANGRUR	DHURI	S-NPP	75.74680	30.47858	14:12:00	D	6.00
1164	SANGRUR	DHURI	S-NPP	75.76900	30.47999	14:12:00	D	3.50
1165	SANGRUR	DHURI	S-NPP	75.74667	30.48241	14:12:00	D	7.70
1166	SANGRUR	DHURI	S-NPP	75.69893	30.52107	14:12:00	D	2.20
1167	SANGRUR	MALERKOTLA	S-NPP	75.82191	30.43609	14:12:00	D	12.20
1168	SANGRUR	MALERKOTLA	S-NPP	75.83936	30.44299	14:12:00	D	4.30
1169	SANGRUR	MALERKOTLA	S-NPP	75.89598	30.46978	14:12:00	D	8.00
1170	SANGRUR	MALERKOTLA	S-NPP	75.66378	30.54295	12:36:00	D	5.70
1171	SANGRUR	MALERKOTLA	S-NPP	75.67542	30.54611	12:36:00	D	7.70
1172	SANGRUR	MALERKOTLA	TERRA-1	75.90741	30.56432	11:19:00	D	18.06
1173	SANGRUR	MALERKOTLA	S-NPP	75.78831	30.57278	14:12:00	D	3.10
1174	SANGRUR	MALERKOTLA	S-NPP	75.69308	30.60300	14:12:00	D	5.40
1175	SANGRUR	MALERKOTLA	S-NPP	75.70192	30.60357	14:12:00	D	3.30

1176	SANGRUR	MALERKOTLA	S-NPP	75.80380	30.61587	14:12:00	D	3.20
1177	SANGRUR	MALERKOTLA	S-NPP	75.84831	30.62447	14:12:00	D	1.40
1178	SANGRUR	MALERKOTLA	S-NPP	75.74884	30.62947	14:12:00	D	3.60
1179	SANGRUR	MALERKOTLA	TERRA-1	75.83715	30.64277	11:19:00	D	17.24
1180	SANGRUR	MALERKOTLA	S-NPP	75.84195	30.64705	14:12:00	D	11.70
1181	SANGRUR	MALERKOTLA	S-NPP	75.80999	30.65068	14:12:00	D	5.60
1182	SANGRUR	MALERKOTLA	S-NPP	75.84553	30.65878	14:12:00	D	14.10
1183	SANGRUR	MOONAK	S-NPP	76.01241	29.78489	14:12:00	D	3.20
1184	SANGRUR	MOONAK	S-NPP	76.01691	29.78519	14:12:00	D	3.20
1185	SANGRUR	MOONAK	S-NPP	75.98269	29.81744	14:12:00	D	2.30
1186	SANGRUR	MOONAK	S-NPP	75.82193	29.82353	14:12:00	D	9.40
1187	SANGRUR	MOONAK	S-NPP	76.00465	29.82468	14:12:00	D	3.00
1188	SANGRUR	MOONAK	S-NPP	75.92379	29.82490	14:12:00	D	15.50
1189	SANGRUR	MOONAK	S-NPP	75.92824	29.82520	14:12:00	D	16.40
1190	SANGRUR	MOONAK	S-NPP	76.07191	29.83502	14:12:00	D	3.70
1191	SANGRUR	MOONAK	S-NPP	75.93155	29.91862	14:12:00	D	2.20
1192	SANGRUR	SANGRUR	S-NPP	75.57845	30.15499	14:12:00	D	1.70
1193	SANGRUR	SANGRUR	S-NPP	75.57878	30.15881	14:12:00	D	2.80
1194	SANGRUR	SANGRUR	S-NPP	75.69870	30.16934	14:12:00	D	2.80
1195	SANGRUR	SANGRUR	S-NPP	75.69920	30.17241	14:12:00	D	2.50
1196	SANGRUR	SANGRUR	S-NPP	75.66350	30.18139	14:12:00	D	4.20
1197	SANGRUR	SANGRUR	S-NPP	75.56906	30.18633	12:36:00	D	4.30
1198	SANGRUR	SANGRUR	S-NPP	75.60646	30.18887	14:12:00	D	3.70
1199	SANGRUR	SANGRUR	S-NPP	75.57539	30.19803	14:12:00	D	2.80
1200	SANGRUR	SANGRUR	S-NPP	75.66113	30.20955	14:12:00	D	4.90
1201	SANGRUR	SANGRUR	S-NPP	75.72158	30.21936	14:12:00	D	14.60
1202	SANGRUR	SANGRUR	S-NPP	76.04946	30.23886	12:36:00	D	2.80
1203	SANGRUR	SUNAM	S-NPP	75.77293	30.01870	14:12:00	D	6.90
1204	SANGRUR	SUNAM	S-NPP	75.77730	30.01900	14:12:00	D	6.90
1205	SANGRUR	SUNAM	S-NPP	75.99746	30.04123	12:36:00	D	10.40
1206	SANGRUR	SUNAM	S-NPP	75.99879	30.04515	12:36:00	D	10.40

1207	SANGRUR	SUNAM	TERRA-1	75.69084	30.06425	11:19:00	D	11.23
1208	SANGRUR	SUNAM	S-NPP	75.67698	30.06866	14:12:00	D	2.50
1209	SANGRUR	SUNAM	S-NPP	75.86668	30.12742	12:36:00	D	4.30
1210	SANGRUR	SUNAM	TERRA-1	75.71847	30.13073	11:19:00	D	11.62
1211	SANGRUR	SUNAM	S-NPP	75.79240	30.15324	14:12:00	D	3.80
1212	SANGRUR	SUNAM	S-NPP	76.06980	30.15444	12:36:00	D	3.90
1213	SANGRUR	SUNAM	S-NPP	75.79317	30.15574	14:12:00	D	5.20
1214	SANGRUR	SUNAM	S-NPP	76.06576	30.15641	12:36:00	D	2.80
1215	TARN TARAN	KHADOOR SAHIB	S-NPP	74.92279	31.29763	14:12:00	D	5.90
1216	TARN TARAN	KHADOOR SAHIB	S-NPP	74.82887	31.35116	14:12:00	D	2.10
1217	TARN TARAN	KHADOOR SAHIB	S-NPP	74.82793	31.36200	14:12:00	D	2.80
1218	TARN TARAN	KHADOOR SAHIB	S-NPP	74.82769	31.36371	14:12:00	D	3.90
1219	TARN TARAN	KHADOOR SAHIB	S-NPP	74.83545	31.36802	14:12:00	D	5.40
1220	TARN TARAN	KHADOOR SAHIB	S-NPP	74.83520	31.36968	14:12:00	D	6.00
1221	TARN TARAN	KHADOOR SAHIB	S-NPP	74.96781	31.43910	14:12:00	D	2.40
1222	TARN TARAN	KHADOOR SAHIB	S-NPP	74.78839	31.44278	14:12:00	D	5.30
1223	TARN TARAN	KHADOOR SAHIB	S-NPP	74.87728	31.48283	14:12:00	D	1.90
1224	TARN TARAN	KHADOOR SAHIB	S-NPP	74.69318	31.51373	14:12:00	D	3.30
1225	TARN TARAN	KHADOOR SAHIB	S-NPP	74.72490	31.51598	14:12:00	D	5.50
1226	TARN TARAN	PATTI	S-NPP	74.56566	31.11566	14:12:00	D	3.80
1227	TARN TARAN	PATTI	S-NPP	74.59430	31.15891	14:12:00	D	5.40
1228	TARN TARAN	PATTI	S-NPP	74.58611	31.16369	14:12:00	D	3.80
1229	TARN TARAN	PATTI	S-NPP	74.58996	31.16397	14:12:00	D	3.80
1230	TARN TARAN	PATTI	S-NPP	74.62861	31.16673	14:12:00	D	12.10
1231	TARN TARAN	PATTI	S-NPP	74.63248	31.16700	14:12:00	D	20.70
1232	TARN TARAN	PATTI	S-NPP	74.59282	31.17492	14:12:00	D	1.40
1233	TARN TARAN	PATTI	S-NPP	74.56873	31.18392	14:12:00	D	4.00
1234	TARN TARAN	PATTI	S-NPP	74.58749	31.19066	14:12:00	D	2.60
1235	TARN TARAN	PATTI	S-NPP	74.61643	31.21430	14:12:00	D	4.90
1236	TARN TARAN	PATTI	S-NPP	74.53799	31.22455	14:12:00	D	4.50
1237	TARN TARAN	PATTI	S-NPP	74.53655	31.22760	14:12:00	D	11.10

1238	TARN TARAN	PATTI	S-NPP	74.53751	31.22987	14:12:00	D	7.00
1239	TARN TARAN	PATTI	S-NPP	74.65436	31.25730	14:12:00	D	2.70
1240	TARN TARAN	PATTI	S-NPP	74.84120	31.26896	14:12:00	D	10.40
1241	TARN TARAN	PATTI	S-NPP	74.84016	31.27009	14:12:00	D	10.30
1242	TARN TARAN	PATTI	S-NPP	74.78086	31.30411	14:12:00	D	2.00
1243	TARN TARAN	PATTI	S-NPP	74.81627	31.31207	14:12:00	D	3.30
1244	TARN TARAN	PATTI	S-NPP	74.82378	31.31805	14:12:00	D	4.10
1245	TARN TARAN	PATTI	S-NPP	74.84634	31.33604	14:12:00	D	4.70
1246	TARN TARAN	PATTI	S-NPP	74.76511	31.34649	14:12:00	D	2.30
1247	TARN TARAN	PATTI	S-NPP	74.60604	31.35401	14:12:00	D	2.60
1248	TARN TARAN	PATTI	S-NPP	74.60616	31.35626	14:12:00	D	2.90
1249	TARN TARAN	PATTI	S-NPP	74.58952	31.36363	14:12:00	D	3.00
1250	TARN TARAN	PATTI	S-NPP	74.58852	31.37432	14:12:00	D	2.60

Details of residue burning events in Haryana on 16-Nov-2018

Event S. No.	District	Tehsil/Block	Satellite	Longitude	Latitude	Time (IST)	Day/Night	Fire Power (W/m²)
1	AMBALA	AMBALA	S-NPP	76.84783	30.41990	14:12:00	D	6.00
2	AMBALA	AMBALA	S-NPP	76.85298	30.42021	14:12:00	D	7.40
3	AMBALA	BARARA	TERRA-1	77.00219	30.21397	11:19:00	D	10.05
4	FARIDABAD	PALWAL	S-NPP	77.37418	28.09858	12:30:00	D	2.40
5	FATEHABAD	FATEHABAD	S-NPP	75.30954	29.49909	14:12:00	D	3.10
6	FATEHABAD	FATEHABAD	TERRA-1	75.29011	29.51029	11:19:00	D	5.47
7	FATEHABAD	FATEHABAD	S-NPP	75.74398	29.51682	12:36:00	D	8.60
8	FATEHABAD	FATEHABAD	S-NPP	75.74620	29.51697	12:36:00	D	10.50
9	FATEHABAD	FATEHABAD	S-NPP	75.29147	29.51985	14:12:00	D	6.70
10	FATEHABAD	FATEHABAD	S-NPP	75.46346	29.52091	14:12:00	D	14.00
11	FATEHABAD	FATEHABAD	S-NPP	75.46319	29.52122	14:12:00	D	14.50
12	FATEHABAD	FATEHABAD	S-NPP	75.32370	29.52215	14:12:00	D	12.30
13	FATEHABAD	FATEHABAD	S-NPP	75.29932	29.53201	12:36:00	D	6.70
14	FATEHABAD	FATEHABAD	S-NPP	75.30065	29.53543	12:36:00	D	5.40
15	FATEHABAD	FATEHABAD	S-NPP	75.30205	29.53715	14:12:00	D	4.00
16	FATEHABAD	FATEHABAD	S-NPP	75.50330	29.54041	14:12:00	D	8.10
17	FATEHABAD	FATEHABAD	S-NPP	75.50745	29.54070	14:12:00	D	8.10
18	FATEHABAD	FATEHABAD	S-NPP	75.30412	29.55935	14:12:00	D	3.90
19	FATEHABAD	FATEHABAD	S-NPP	75.56418	29.56334	12:36:00	D	5.30
20	FATEHABAD	FATEHABAD	S-NPP	75.64641	29.57600	01:18:00	N	0.70
21	FATEHABAD	FATEHABAD	S-NPP	75.31477	29.57670	14:12:00	D	5.40
22	FATEHABAD	FATEHABAD	S-NPP	75.31429	29.58218	14:12:00	D	8.40
23	FATEHABAD	FATEHABAD	S-NPP	75.32590	29.58858	14:12:00	D	4.70
24	FATEHABAD	FATEHABAD	S-NPP	75.30473	29.59802	14:12:00	D	6.40
25	FATEHABAD	FATEHABAD	TERRA-1	75.34297	29.61061	11:19:00	D	6.86
26	FATEHABAD	FATEHABAD	S-NPP	75.31774	29.61276	12:36:00	D	3.70
27	FATEHABAD	FATEHABAD	S-NPP	75.46230	29.62008	14:12:00	D	2.50
28	FATEHABAD	FATEHABAD	S-NPP	75.32775	29.64943	14:12:00	D	7.90

29	FATEHABAD	RATIA	S-NPP	75.63617	29.61155	14:12:00	D	4.40
30	FATEHABAD	RATIA	S-NPP	75.47932	29.61567	14:12:00	D	11.10
31	FATEHABAD	RATIA	S-NPP	75.47992	29.61680	14:12:00	D	13.60
32	FATEHABAD	RATIA	S-NPP	75.62469	29.62166	12:36:00	D	4.80
33	FATEHABAD	RATIA	S-NPP	75.62695	29.62318	12:36:00	D	8.10
34	FATEHABAD	RATIA	S-NPP	75.53296	29.62492	14:12:00	D	3.90
35	FATEHABAD	RATIA	S-NPP	75.53346	29.62640	14:12:00	D	4.10
36	FATEHABAD	RATIA	S-NPP	75.62859	29.62965	12:36:00	D	4.80
37	FATEHABAD	RATIA	S-NPP	75.67205	29.64235	14:12:00	D	3.20
38	FATEHABAD	RATIA	S-NPP	75.36750	29.66337	14:12:00	D	5.70
39	FATEHABAD	RATIA	S-NPP	75.49471	29.67812	14:12:00	D	7.20
40	FATEHABAD	RATIA	S-NPP	75.35737	29.68479	14:12:00	D	3.90
41	FATEHABAD	RATIA	S-NPP	75.59526	29.68531	14:12:00	D	4.60
42	FATEHABAD	RATIA	S-NPP	75.59949	29.68561	14:12:00	D	6.80
43	FATEHABAD	RATIA	S-NPP	75.39275	29.70406	14:12:00	D	4.30
44	FATEHABAD	RATIA	S-NPP	75.39259	29.70946	14:12:00	D	6.40
45	FATEHABAD	RATIA	S-NPP	75.39227	29.70957	14:12:00	D	4.30
46	FATEHABAD	RATIA	S-NPP	75.42770	29.71325	12:36:00	D	4.90
47	FATEHABAD	RATIA	S-NPP	75.39209	29.71498	14:12:00	D	6.40
48	FATEHABAD	RATIA	S-NPP	75.39180	29.71509	14:12:00	D	5.30
49	FATEHABAD	RATIA	S-NPP	75.39590	29.71540	14:12:00	D	7.90
50	FATEHABAD	RATIA	S-NPP	75.57460	29.72873	14:12:00	D	11.90
51	FATEHABAD	RATIA	S-NPP	75.60054	29.72913	14:12:00	D	5.70
52	FATEHABAD	RATIA	S-NPP	75.52848	29.72987	14:12:00	D	24.30
53	FATEHABAD	RATIA	S-NPP	75.53268	29.73016	14:12:00	D	24.30
54	FATEHABAD	RATIA	S-NPP	75.59988	29.73059	14:12:00	D	7.50
55	FATEHABAD	RATIA	S-NPP	75.53214	29.73118	14:12:00	D	45.90
56	FATEHABAD	RATIA	S-NPP	75.53633	29.73149	14:12:00	D	33.00
57	FATEHABAD	RATIA	S-NPP	75.57052	29.73272	14:12:00	D	10.20
58	FATEHABAD	RATIA	S-NPP	75.57474	29.73301	14:12:00	D	10.20
59	FATEHABAD	RATIA	S-NPP	75.57413	29.73431	14:12:00	D	11.90

60	FATEHABAD	RATIA	S-NPP	75.62859	29.74397	14:12:00	D	11.20
61	FATEHABAD	RATIA	S-NPP	75.63282	29.74428	14:12:00	D	11.20
62	FATEHABAD	RATIA	S-NPP	75.62877	29.74791	14:12:00	D	24.40
63	FATEHABAD	RATIA	S-NPP	75.63300	29.74820	14:12:00	D	24.40
64	FATEHABAD	RATIA	S-NPP	75.63235	29.74988	14:12:00	D	11.20
65	FATEHABAD	RATIA	S-NPP	75.43250	29.77341	14:12:00	D	3.70
66	FATEHABAD	RATIA	S-NPP	75.46055	29.78657	14:12:00	D	2.20
67	FATEHABAD	TOHANA	S-NPP	75.76813	29.62677	14:12:00	D	4.90
68	FATEHABAD	TOHANA	S-NPP	75.89484	29.63015	14:12:00	D	9.50
69	FATEHABAD	TOHANA	S-NPP	75.77570	29.63561	14:12:00	D	3.50
70	FATEHABAD	TOHANA	S-NPP	75.77581	29.63867	14:12:00	D	4.80
71	FATEHABAD	TOHANA	S-NPP	75.84526	29.64371	14:12:00	D	7.70
72	FATEHABAD	TOHANA	S-NPP	75.84479	29.64585	14:12:00	D	3.10
73	FATEHABAD	TOHANA	S-NPP	75.78532	29.67598	14:12:00	D	4.40
74	FATEHABAD	TOHANA	S-NPP	75.74454	29.69585	14:12:00	D	7.50
75	FATEHABAD	TOHANA	S-NPP	75.74743	29.71305	14:12:00	D	14.30
76	FATEHABAD	TOHANA	S-NPP	75.93191	29.71456	14:12:00	D	2.30
77	FATEHABAD	TOHANA	S-NPP	75.78786	29.75001	14:12:00	D	1.40
78	FATEHABAD	TOHANA	S-NPP	75.78837	29.75296	14:12:00	D	2.20
79	FATEHABAD	TOHANA	S-NPP	75.77871	29.75502	14:12:00	D	3.60
80	FATEHABAD	TOHANA	S-NPP	75.80531	29.75977	14:12:00	D	3.50
81	FATEHABAD	TOHANA	S-NPP	75.73109	29.81147	14:12:00	D	3.60
82	HISAR	HANSI	S-NPP	76.02879	29.15661	14:12:00	D	5.30
83	HISAR	HANSI	S-NPP	75.87594	29.24516	14:12:00	D	2.30
84	HISAR	HISAR	S-NPP	75.98328	29.32685	14:12:00	D	4.20
85	HISAR	HISAR	S-NPP	75.73727	29.35787	14:12:00	D	5.70
86	HISAR	HISAR	S-NPP	75.74154	29.35817	14:12:00	D	5.70
87	HISAR	HISAR	S-NPP	75.90687	29.53959	14:12:00	D	3.80
88	HISAR	NARNAUND	S-NPP	76.13473	29.19574	12:36:00	D	4.50
89	HISAR	NARNAUND	S-NPP	76.16846	29.25850	14:12:00	D	8.50
90	HISAR	NARNAUND	S-NPP	76.16831	29.25902	14:12:00	D	9.20

91	JIND	JIND	S-NPP	76.46146	29.47571	14:12:00	D	7.20
92	JIND	JIND	S-NPP	76.46360	29.47738	14:12:00	D	6.10
93	JIND	JIND	S-NPP	76.39442	29.48327	14:12:00	D	5.00
94	JIND	NARWANA	S-NPP	76.11661	29.48274	14:12:00	D	5.40
95	JIND	NARWANA	S-NPP	76.05134	29.50718	14:12:00	D	4.40
96	JIND	NARWANA	S-NPP	76.19688	29.56352	14:12:00	D	6.50
97	JIND	NARWANA	S-NPP	76.19343	29.56387	14:12:00	D	6.40
98	JIND	NARWANA	S-NPP	76.17191	29.60310	14:12:00	D	10.90
99	JIND	NARWANA	S-NPP	76.00912	29.64972	14:12:00	D	5.20
100	JIND	NARWANA	S-NPP	76.00890	29.65082	14:12:00	D	6.70
101	JIND	NARWANA	S-NPP	76.01051	29.68543	14:12:00	D	5.30
102	JIND	NARWANA	S-NPP	76.01500	29.68573	14:12:00	D	5.30
103	JIND	NARWANA	S-NPP	76.07157	29.71256	14:12:00	D	4.30
104	JIND	NARWANA	TERRA-1	76.12057	29.72739	11:19:00	D	13.41
105	JIND	NARWANA	S-NPP	76.05167	29.73430	14:12:00	D	6.00
106	JIND	NARWANA	S-NPP	76.13319	29.76414	12:36:00	D	5.00
107	JIND	NARWANA	S-NPP	76.12959	29.76558	12:36:00	D	5.50
108	JIND	NARWANA	S-NPP	76.10232	29.78407	14:12:00	D	2.60
109	JIND	NARWANA	TERRA-1	76.14103	29.79925	11:19:00	D	55.87
110	JIND	NARWANA	TERRA-1	76.16661	29.81722	11:19:00	D	12.69
111	JIND	NARWANA	S-NPP	76.17884	29.81897	14:12:00	D	15.30
112	JIND	SAFIDON	S-NPP	76.66368	29.44922	14:12:00	D	7.60
113	JIND	SAFIDON	S-NPP	76.63763	29.47134	14:12:00	D	5.80
114	KAITHAL	KAITHAL	S-NPP	76.38245	29.59338	14:12:00	D	4.80
115	KAITHAL	KAITHAL	S-NPP	76.38715	29.59368	14:12:00	D	8.30
116	KAITHAL	KAITHAL	S-NPP	76.38573	29.59425	14:12:00	D	10.00
117	KAITHAL	KAITHAL	S-NPP	76.24873	29.68352	14:12:00	D	11.80
118	KAITHAL	KAITHAL	S-NPP	76.24865	29.68394	14:12:00	D	11.50
119	KAITHAL	KAITHAL	S-NPP	76.35245	29.73701	14:12:00	D	4.90
120	KAITHAL	KAITHAL	S-NPP	76.20901	29.77412	14:12:00	D	13.10
121	KAITHAL	KAITHAL	S-NPP	76.21026	29.77443	14:12:00	D	15.50

122	KAITHAL	KAITHAL	TERRA-1	76.21095	29.78877	11:19:00	D	13.47
123	KAITHAL	KAITHAL	S-NPP	76.23341	29.83421	14:12:00	D	3.70
124	KARNAL	ASSANDH	S-NPP	76.58306	29.48551	14:12:00	D	4.20
125	KARNAL	ASSANDH	S-NPP	76.67641	29.51273	14:12:00	D	3.80
126	ROHTAK	ROHTAK	S-NPP	76.79944	28.78989	01:18:00	N	0.80
127	ROHTAK	ROHTAK	S-NPP	76.79985	28.79230	01:18:00	N	0.60
128	SIRSA	ELLENABAD	S-NPP	74.86708	29.44764	14:12:00	D	3.10
129	SIRSA	ELLENABAD	S-NPP	74.82893	29.44997	14:12:00	D	8.70
130	SIRSA	ELLENABAD	S-NPP	74.74076	29.46331	14:12:00	D	3.00
131	SIRSA	ELLENABAD	S-NPP	74.88807	29.46349	14:12:00	D	8.90
132	SIRSA	ELLENABAD	S-NPP	74.89565	29.46404	14:12:00	D	4.80
133	SIRSA	ELLENABAD	S-NPP	74.74123	29.46428	14:12:00	D	6.10
134	SIRSA	ELLENABAD	S-NPP	74.88826	29.46544	14:12:00	D	7.30
135	SIRSA	ELLENABAD	S-NPP	74.89584	29.46604	14:12:00	D	4.80
136	SIRSA	ELLENABAD	S-NPP	74.86108	29.46689	14:12:00	D	5.10
137	SIRSA	ELLENABAD	S-NPP	74.74024	29.46860	14:12:00	D	3.00
138	SIRSA	ELLENABAD	S-NPP	74.86134	29.46866	14:12:00	D	7.20
139	SIRSA	ELLENABAD	S-NPP	74.79564	29.47810	14:12:00	D	4.00
140	SIRSA	ELLENABAD	S-NPP	74.69801	29.48137	14:12:00	D	2.50
141	SIRSA	ELLENABAD	S-NPP	74.64714	29.50930	14:12:00	D	4.20
142	SIRSA	ELLENABAD	S-NPP	74.62321	29.52859	14:12:00	D	2.80
143	SIRSA	RANIA	S-NPP	74.85904	29.48820	14:12:00	D	11.50
144	SIRSA	RANIA	S-NPP	74.86282	29.48849	14:12:00	D	11.50
145	SIRSA	RANIA	S-NPP	74.80112	29.49991	14:12:00	D	3.40
146	SIRSA	RANIA	S-NPP	74.72084	29.51507	14:12:00	D	5.00
147	SIRSA	RANIA	S-NPP	74.79585	29.51556	14:12:00	D	4.20
148	SIRSA	RANIA	S-NPP	74.72034	29.52036	14:12:00	D	5.00
149	SIRSA	RANIA	S-NPP	74.80656	29.52174	14:12:00	D	9.00
150	SIRSA	RANIA	S-NPP	74.76866	29.52414	14:12:00	D	4.30
151	SIRSA	RANIA	S-NPP	74.88956	29.52814	14:12:00	D	5.80
152	SIRSA	RANIA	S-NPP	74.83565	29.53472	14:12:00	D	4.00

153	SIRSA	RANIA	S-NPP	74.87338	29.53765	14:12:00	D	17.70
154	SIRSA	RANIA	S-NPP	74.83514	29.54004	14:12:00	D	4.00
155	SIRSA	RANIA	S-NPP	74.84267	29.54063	14:12:00	D	3.30
156	SIRSA	RANIA	S-NPP	74.60346	29.54288	14:12:00	D	7.40
157	SIRSA	RANIA	S-NPP	74.65282	29.55122	14:12:00	D	5.40
158	SIRSA	RANIA	S-NPP	74.65416	29.55230	14:12:00	D	5.30
159	SIRSA	RANIA	S-NPP	74.72100	29.55464	12:36:00	D	4.20
160	SIRSA	RANIA	S-NPP	74.61145	29.55872	14:12:00	D	15.40
161	SIRSA	RANIA	S-NPP	74.60926	29.55924	14:12:00	D	8.20
162	SIRSA	RANIA	S-NPP	74.61290	29.55954	14:12:00	D	8.20
163	SIRSA	RANIA	S-NPP	74.74054	29.56839	14:12:00	D	1.90
164	SIRSA	RANIA	S-NPP	74.87264	29.57277	14:12:00	D	3.30
165	SIRSA	RANIA	S-NPP	74.87366	29.57532	14:12:00	D	4.00
166	SIRSA	RANIA	S-NPP	74.64286	29.57700	14:12:00	D	1.80
167	SIRSA	RANIA	S-NPP	74.71722	29.57731	14:12:00	D	3.70
168	SIRSA	RANIA	S-NPP	74.89114	29.57950	14:12:00	D	2.60
169	SIRSA	RANIA	S-NPP	74.67027	29.60034	14:12:00	D	3.30
170	SIRSA	RANIA	S-NPP	74.65506	29.60448	14:12:00	D	5.30
171	SIRSA	RANIA	S-NPP	74.65874	29.60476	14:12:00	D	5.30
172	SIRSA	RANIA	S-NPP	74.66977	29.60562	14:12:00	D	3.00
173	SIRSA	SIRSA	S-NPP	75.15004	29.40418	14:12:00	D	7.30
174	SIRSA	SIRSA	S-NPP	74.93220	29.40426	14:12:00	D	15.00
175	SIRSA	SIRSA	S-NPP	74.92538	29.43606	14:12:00	D	5.10
176	SIRSA	SIRSA	S-NPP	74.92110	29.44112	14:12:00	D	5.10
177	SIRSA	SIRSA	S-NPP	74.92490	29.44141	14:12:00	D	5.10
178	SIRSA	SIRSA	S-NPP	74.97017	29.45033	14:12:00	D	2.80
179	SIRSA	SIRSA	S-NPP	75.17634	29.50609	14:12:00	D	1.50
180	SIRSA	SIRSA	S-NPP	75.21997	29.50923	14:12:00	D	4.30
181	SIRSA	SIRSA	S-NPP	75.20754	29.51382	14:12:00	D	9.60
182	SIRSA	SIRSA	S-NPP	75.21947	29.51468	14:12:00	D	4.30
183	SIRSA	SIRSA	S-NPP	75.10796	29.51750	14:12:00	D	11.30

184	SIRSA	SIRSA	S-NPP	75.19911	29.51869	14:12:00	D	2.40
185	SIRSA	SIRSA	S-NPP	75.28294	29.52475	14:12:00	D	6.50
186	SIRSA	SIRSA	METOP-1	75.14345	29.52527	21:37:00	N	8.00
187	SIRSA	SIRSA	S-NPP	75.22193	29.53132	14:12:00	D	3.50
188	SIRSA	SIRSA	S-NPP	75.18968	29.53444	14:12:00	D	4.30
189	SIRSA	SIRSA	S-NPP	75.27969	29.54776	12:36:00	D	4.40
190	SIRSA	SIRSA	S-NPP	75.28612	29.54953	12:36:00	D	4.40
191	SIRSA	SIRSA	S-NPP	75.20010	29.55165	14:12:00	D	3.20
192	SIRSA	SIRSA	S-NPP	75.16792	29.55472	14:12:00	D	11.40
193	SIRSA	SIRSA	S-NPP	75.16348	29.55985	14:12:00	D	6.30
194	SIRSA	SIRSA	S-NPP	75.16742	29.56015	14:12:00	D	8.40
195	SIRSA	SIRSA	S-NPP	75.10349	29.56621	14:12:00	D	7.50
196	SIRSA	SIRSA	S-NPP	75.10741	29.56651	14:12:00	D	7.50
197	SIRSA	SIRSA	S-NPP	75.08583	29.58665	14:12:00	D	4.70
198	SIRSA	SIRSA	S-NPP	75.08856	29.58836	14:12:00	D	5.00
199	SIRSA	SIRSA	S-NPP	75.12437	29.62913	14:12:00	D	5.80
200	SIRSA	SIRSA	S-NPP	75.07283	29.63078	14:12:00	D	3.90
201	SIRSA	SIRSA	S-NPP	75.12387	29.63456	14:12:00	D	5.80
202	SIRSA	SIRSA	S-NPP	75.10191	29.65011	02:54:00	N	0.60
203	SIRSA	SIRSA	METOP-1	75.12299	29.65103	21:37:00	N	7.00
204	SIRSA	SIRSA	S-NPP	75.21125	29.77386	14:12:00	D	4.70

Details of residue burning events in Uttar Pradesh on 16-Nov-2018

Event S. No.	District	Tehsil/Block	Satellite	Longitude	Latitude	Time (IST)	Day/Night	Fire Power (W/m²)
1	ALIGARH	KHAIR	S-NPP	77.53234	28.01697	12:30:00	D	4.90
2	ALIGARH	KHAIR	S-NPP	77.53556	28.01708	12:30:00	D	8.40
3	ALLAHABAD	BARA	S-NPP	81.68755	25.08643	12:30:00	D	1.80
4	AURAIYA	AURAIYA	METOP-2	79.45095	26.61472	20:34:00	N	7.67
5	AURAIYA	AURAIYA	NOAA-19	79.50211	26.64167	05:11:00	D	8.00
6	BALRAMPUR	UTRAULA	S-NPP	82.48444	27.26008	12:30:00	D	4.10
7	BARABANKI	NAWABGANJ	S-NPP	81.10429	26.92517	12:30:00	D	2.30
8	BASTI	BASTI	S-NPP	82.85387	26.82001	12:30:00	D	3.00
9	BASTI	BASTI	S-NPP	82.80532	26.84748	12:30:00	D	10.50
10	BASTI	BHANPUR	S-NPP	82.73468	26.90466	12:30:00	D	4.50
11	BASTI	BHANPUR	S-NPP	82.68717	26.98921	12:30:00	D	4.30
12	BASTI	BHANPUR	S-NPP	82.64429	27.09948	12:30:00	D	4.10
13	DEORIA	DEORIA	S-NPP	83.87659	26.45253	12:30:00	D	3.20
14	ETAWAH	BHARTHNA	S-NPP	79.22879	26.62490	14:12:00	D	4.60
15	FATEHPUR	FATEHPUR	S-NPP	80.85725	26.01090	14:12:00	D	5.40
16	FATEHPUR	FATEHPUR	S-NPP	80.84418	26.01169	12:30:00	D	2.60
17	FATEHPUR	FATEHPUR	S-NPP	80.85889	26.01202	14:12:00	D	7.10
18	GORAKHPUR	GORAKHPUR	S-NPP	83.50555	26.75004	12:30:00	D	3.70
19	GORAKHPUR	GORAKHPUR	S-NPP	83.52233	26.77106	12:30:00	D	2.50
20	GORAKHPUR	GORAKHPUR	S-NPP	83.49543	26.79768	12:30:00	D	2.70
21	GORAKHPUR	GORAKHPUR	S-NPP	83.50501	26.89037	12:30:00	D	3.40
22	GORAKHPUR	SAHJANWA	S-NPP	83.19920	26.76006	01:18:00	N	1.00
23	HARDOI	HARDOI	S-NPP	80.25832	27.38784	12:30:00	D	3.10
24	KANPUR DEHAT	AKBARPUR	S-NPP	79.99696	26.29291	14:12:00	D	4.30
25	KHERI	GOLA	S-NPP	80.33303	27.98079	12:30:00	D	3.70
26	KHERI	MOHMADI	S-NPP	80.37766	27.75535	12:30:00	D	4.00
27	KHERI	PALIA KALAN	S-NPP	80.50626	28.34480	12:30:00	D	2.00

28	KHERI	PALIA KALAN	S-NPP	80.50480	28.34984	12:30:00	D	2.00
29	KUSHINAGAR	HATA	S-NPP	83.71281	26.90154	12:30:00	D	3.50
30	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.52180	26.96265	12:30:00	D	2.70
31	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.45274	26.98459	12:30:00	D	2.20
32	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.54842	26.99549	12:30:00	D	3.10
33	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.55021	26.99579	12:30:00	D	3.50
34	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.54910	27.00013	12:30:00	D	5.40
35	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.45566	27.01280	12:30:00	D	8.20
36	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.57887	27.02003	12:30:00	D	4.80
37	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.44642	27.02928	12:30:00	D	10.40
38	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.53555	27.03391	12:30:00	D	5.60
39	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.39268	27.04125	12:30:00	D	4.80
40	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.48834	27.04250	12:30:00	D	7.00
41	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.47547	27.05361	12:30:00	D	2.30
42	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.58419	27.05760	12:30:00	D	2.30
43	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.63328	27.05857	12:30:00	D	3.60
44	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.63795	27.05953	12:30:00	D	4.40
45	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.60191	27.06577	12:30:00	D	3.50
46	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.55401	27.07878	12:30:00	D	3.80
47	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.48312	27.08266	12:30:00	D	8.10
48	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.48368	27.08644	12:30:00	D	4.40
49	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.53328	27.08770	12:30:00	D	4.60
50	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.53651	27.08891	12:30:00	D	3.90
51	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.63388	27.09500	12:30:00	D	6.50
52	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.69185	27.09771	12:30:00	D	3.80
53	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.51502	27.12045	12:30:00	D	4.40
54	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.66605	27.14719	12:30:00	D	2.60
55	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.60967	27.17638	12:30:00	D	3.20
56	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.57032	27.19562	12:30:00	D	4.70
57	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.68182	27.20015	12:30:00	D	5.20
58	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.52866	27.21019	12:30:00	D	1.30

59	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.54997	27.22375	12:30:00	D	6.50
60	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.57449	27.22430	12:30:00	D	4.60
61	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.56405	27.22667	12:30:00	D	3.40
62	MAHARAJGANJ	NAUTANWA	S-NPP	83.36971	27.20452	12:30:00	D	4.10
63	MAHARAJGANJ	NAUTANWA	S-NPP	83.37452	27.20552	12:30:00	D	2.60
64	MAHARAJGANJ	NAUTANWA	S-NPP	83.42968	27.28572	12:30:00	D	3.20
65	MAHARAJGANJ	NAUTANWA	S-NPP	83.41476	27.29091	12:30:00	D	5.70
66	MAHARAJGANJ	NAUTANWA	S-NPP	83.45975	27.29121	12:30:00	D	4.80
67	MAHARAJGANJ	NAUTANWA	S-NPP	83.45821	27.29152	12:30:00	D	6.90
68	MAHARAJGANJ	NAUTANWA	S-NPP	83.45860	27.29554	12:30:00	D	4.80
69	MAHARAJGANJ	NAUTANWA	S-NPP	83.41194	27.29585	12:30:00	D	6.20
70	MAHARAJGANJ	NAUTANWA	S-NPP	83.42627	27.29876	12:30:00	D	4.50
71	MAHARAJGANJ	NAUTANWA	S-NPP	83.43076	27.32632	12:30:00	D	6.60
72	MAHARAJGANJ	NAUTANWA	S-NPP	83.42965	27.33066	12:30:00	D	9.90
73	MAHARAJGANJ	NAUTANWA	S-NPP	83.39408	27.33245	12:30:00	D	3.00
74	MAHARAJGANJ	NAUTANWA	S-NPP	83.43945	27.35098	12:30:00	D	3.40
75	MAHARAJGANJ	NAUTANWA	S-NPP	83.44923	27.37127	12:30:00	D	3.60
76	MAHARAJGANJ	NAUTANWA	S-NPP	83.43658	27.43269	12:30:00	D	2.00
77	MAHARAJGANJ	NAUTANWA	S-NPP	83.55850	27.45798	12:30:00	D	5.80
78	MAHARAJGANJ	NAUTANWA	S-NPP	83.56314	27.45895	12:30:00	D	8.60
79	MAHARAJGANJ	NAUTANWA	S-NPP	83.58744	27.45945	12:30:00	D	3.60
80	MAHARAJGANJ	NAUTANWA	S-NPP	83.45024	27.47655	12:30:00	D	3.90
81	MAHARAJGANJ	NICHLAUL	S-NPP	83.68587	27.24744	12:30:00	D	4.60
82	MAHARAJGANJ	NICHLAUL	S-NPP	83.69076	27.26649	12:30:00	D	1.90
83	MAHARAJGANJ	NICHLAUL	S-NPP	83.64484	27.27511	12:30:00	D	6.50
84	MAHARAJGANJ	NICHLAUL	S-NPP	83.65872	27.27795	12:30:00	D	1.90
85	MAHARAJGANJ	PHARENDA	S-NPP	83.35517	27.11486	12:30:00	D	4.90
86	MAHARAJGANJ	PHARENDA	S-NPP	83.37307	27.19140	12:30:00	D	2.70
87	MAHARAJGANJ	PHARENDA	S-NPP	83.32097	27.32188	12:30:00	D	5.70
88	PILHIBHIT	BISALPUR	S-NPP	79.90648	28.38024	12:30:00	D	1.50
89	PILHIBHIT	BISALPUR	S-NPP	79.90672	28.38151	12:30:00	D	1.60

90	PRATAPGARH	KUNDA	S-NPP	81.49911	25.78051	12:30:00	D	2.70
91	PRATAPGARH	KUNDA	S-NPP	81.50006	25.78305	12:30:00	D	3.40
92	SANTKABIRNAGAR	KHALILABAD	S-NPP	82.88074	26.89709	12:30:00	D	3.80
93	SANTKABIRNAGAR	KHALILABAD	S-NPP	82.91470	26.91379	12:30:00	D	1.30
94	SANTKABIRNAGAR	MEHDAWAL	S-NPP	83.06443	27.03078	12:30:00	D	6.20
95	SANTKABIRNAGAR	MEHDAWAL	S-NPP	83.06832	27.03630	12:30:00	D	4.50
96	SHAHJAHANPUR	PUWANYA	S-NPP	80.10976	28.01123	12:30:00	D	4.20
97	SHAHJAHANPUR	PUWANYA	S-NPP	80.15824	28.17717	14:12:00	D	11.10
98	SHAHJAHANPUR	PUWANYA	S-NPP	80.15112	28.25154	12:30:00	D	2.90
99	SIDDHARTHANAGAR	BANSI	S-NPP	82.86052	27.07827	12:30:00	D	7.80
100	SIDDHARTHANAGAR	BANSI	S-NPP	82.88215	27.12095	12:30:00	D	11.00
101	SIDDHARTHANAGAR	BANSI	S-NPP	82.90596	27.15445	12:30:00	D	3.00
102	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	82.56532	27.23382	12:30:00	D	3.90
103	SIDDHARTHANAGAR	ITWA	S-NPP	82.76111	27.29509	12:30:00	D	3.40
104	SIDDHARTHANAGAR	ITWA	S-NPP	82.56618	27.31619	12:30:00	D	4.00
105	SIDDHARTHANAGAR	ITWA	S-NPP	82.66344	27.34018	12:30:00	D	4.80
106	SIDDHARTHANAGAR	ITWA	S-NPP	82.65266	27.38106	12:30:00	D	3.70
107	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.10858	27.35936	12:30:00	D	1.80
108	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.10665	27.38694	12:30:00	D	14.50
109	SULTANPUR	GAURIGANJ	S-NPP	81.64545	26.35325	12:30:00	D	3.70
110	SULTANPUR	GAURIGANJ	S-NPP	81.64712	26.35346	12:30:00	D	6.30
111	SULTANPUR	KADIRPUR	S-NPP	82.61256	26.23793	12:30:00	D	5.80
112	SULTANPUR	KADIRPUR	S-NPP	82.61121	26.23834	12:30:00	D	6.90

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/>
