

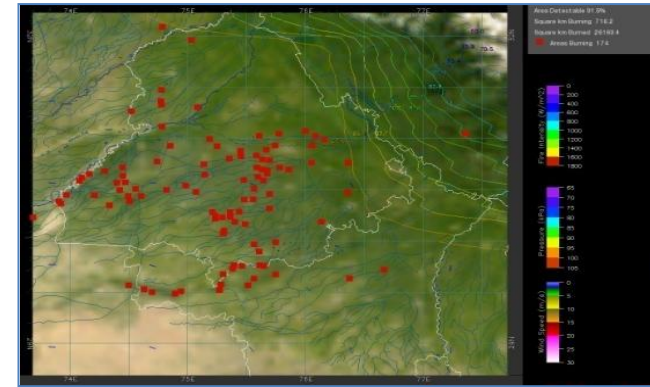
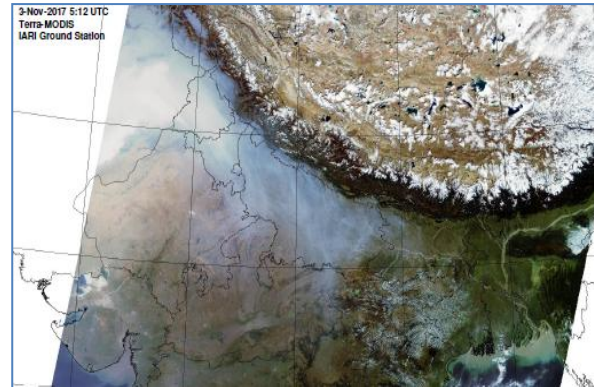


# MONITORING PADDY RESIDUE BURNING IN NORTH INDIA USING SATELLITE REMOTE SENSING DURING 2018

**Bulletin  
No. 29**

**Events Date:  
29-Oct-2018**

**Issued on:  
30-Oct-2018**



**Prepared by:**

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

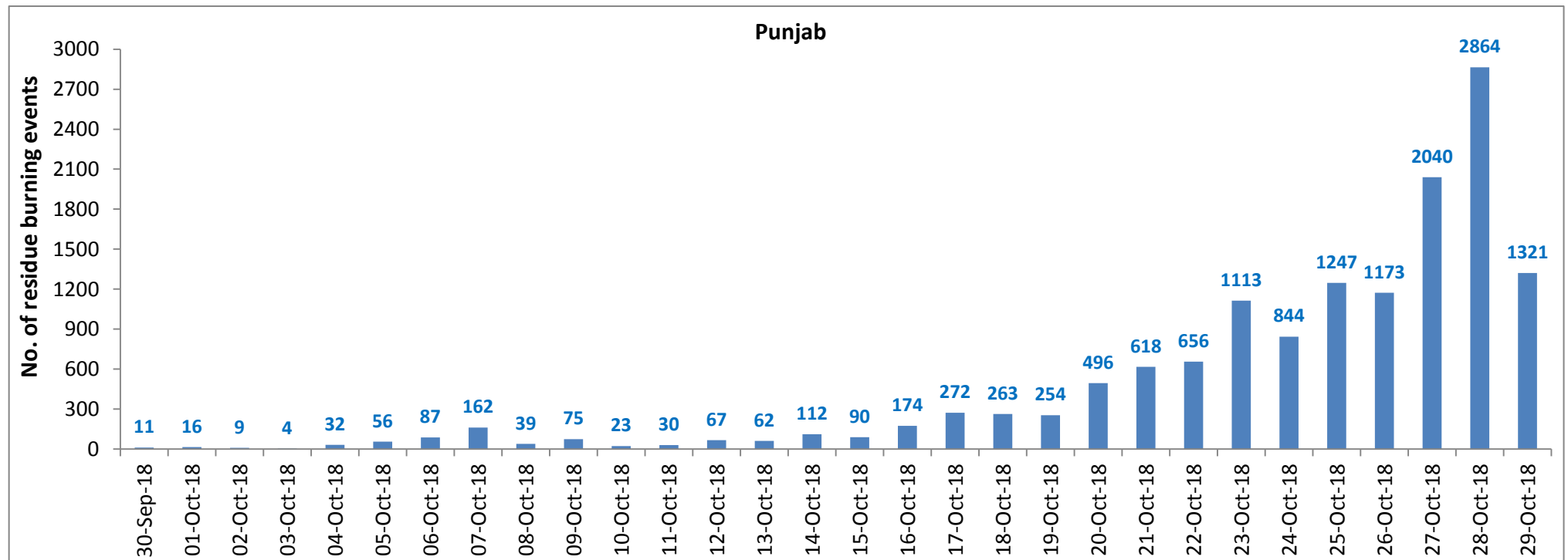
<http://creams.iari.res.in>

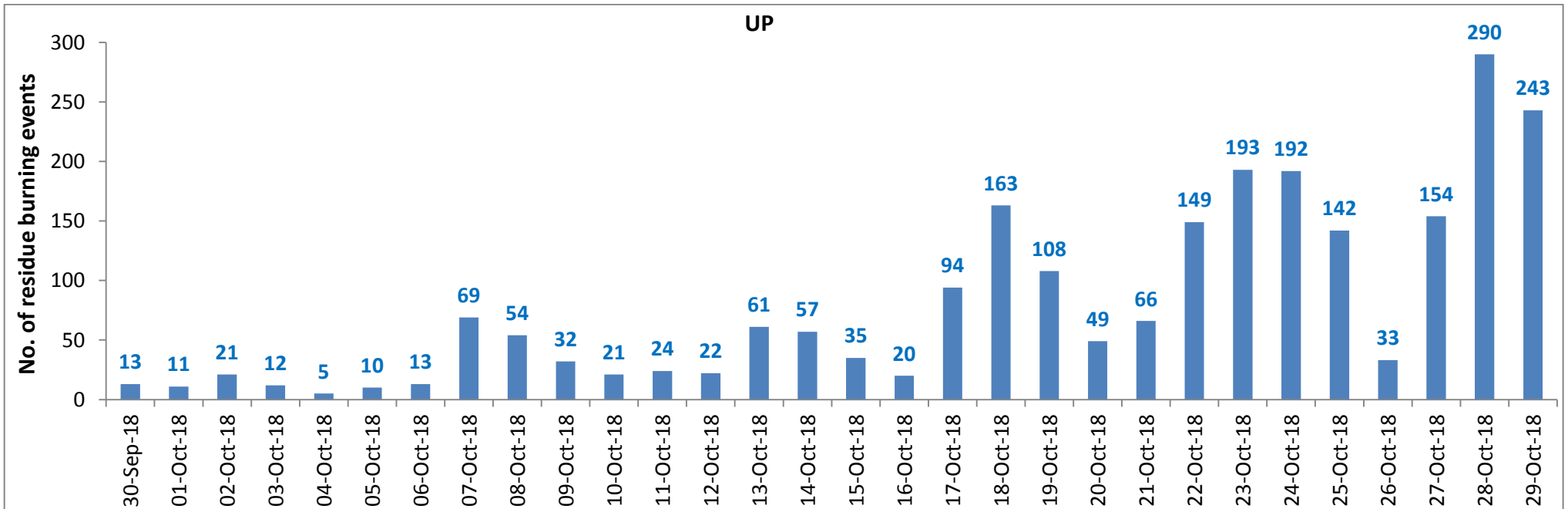
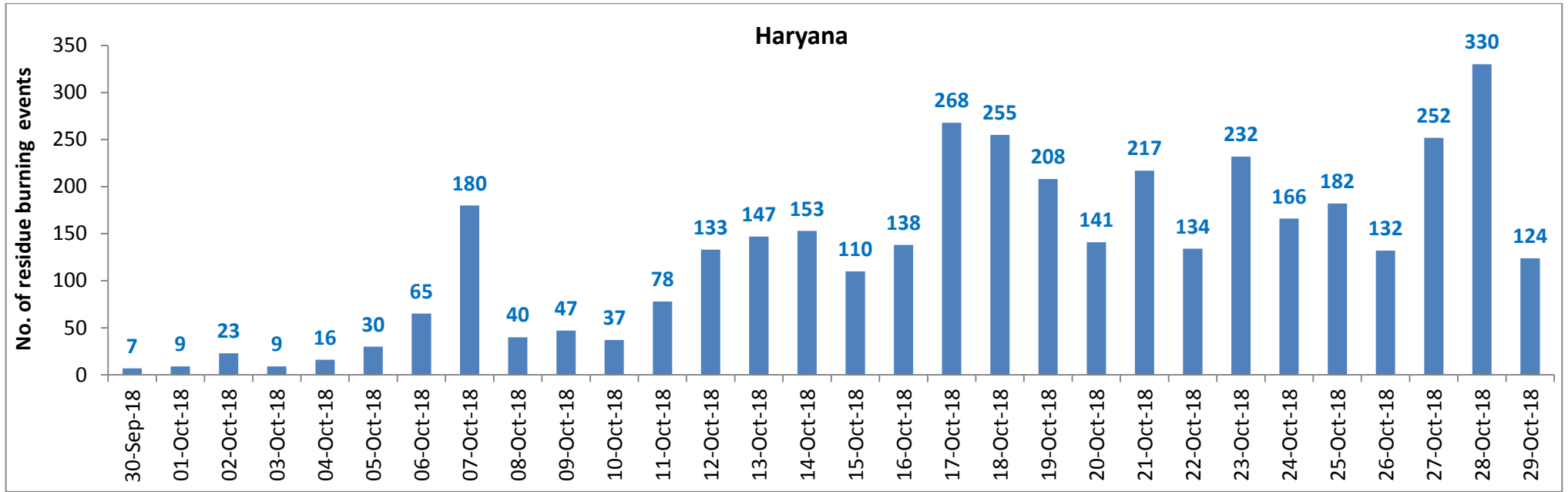


## Highlights for 29-October-2018

- Satellites detected 1688 residue burning events in the three States (Punjab, Haryana & UP) on 29-Oct-2018.
- The burning events detected on 29-Oct-2018 are 1321, 124 and 243 in Punjab, Haryana, and UP, respectively.
- The number of events has decreased from 3484 on 28-Oct-2018 to 1688 on 29-Oct-2018 in the three States.
- Total 20429 burning events were detected in the three States between 30-Sept-2018 and 29-Oct-2018, which are distributed as 14210, 3863 and 2356 in Punjab, Haryana and UP, respectively.
- Till 29-Oct-2018, the burning events in the current year are about 54.94% of the events detected in 2017 and about 44.56 % of the events detected in 2016.

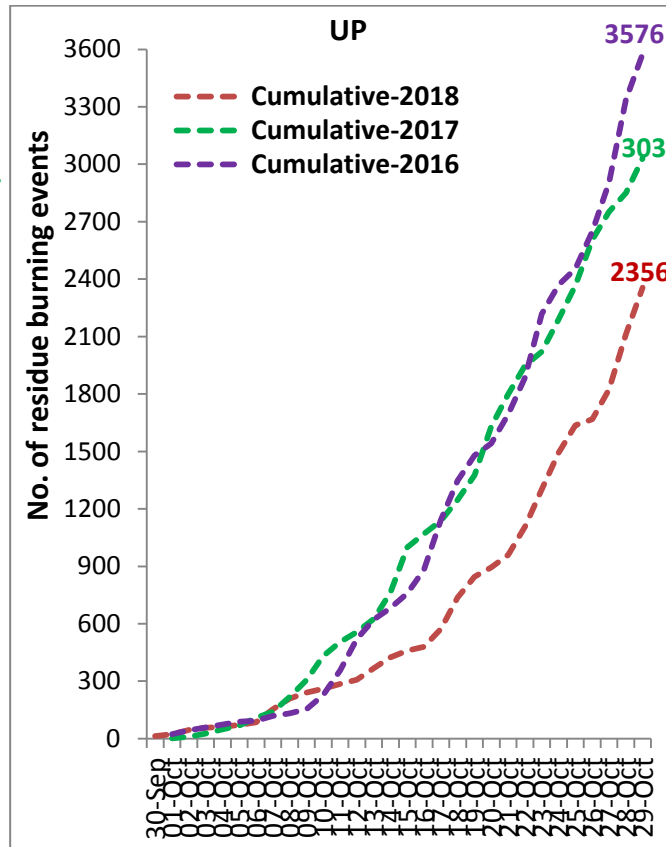
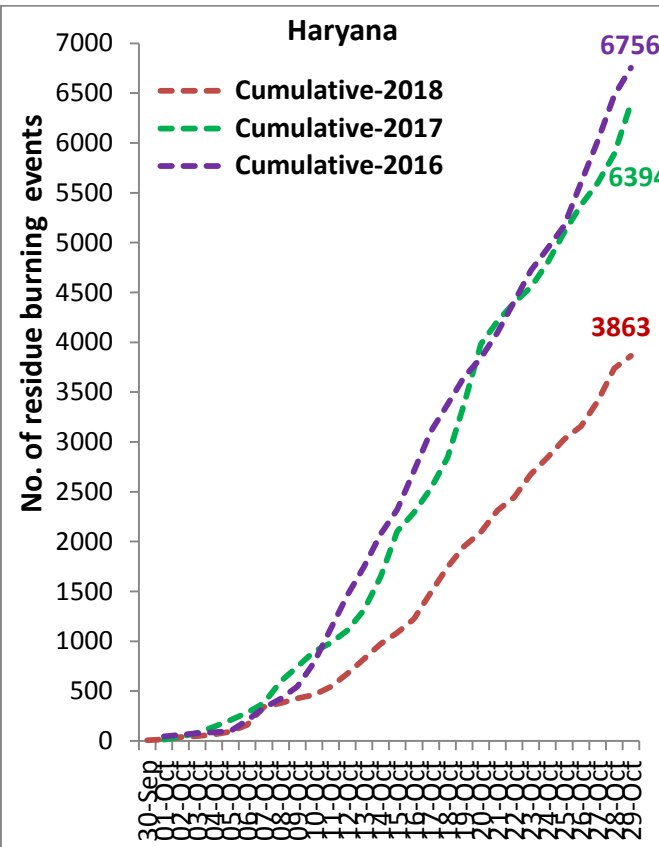
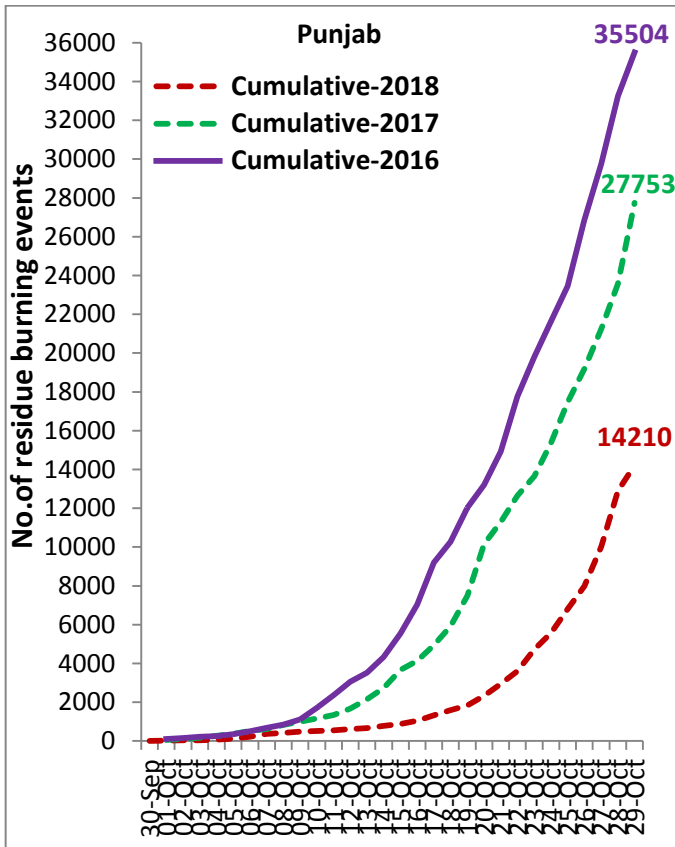
### Temporal distribution of residue burning events for the three study States





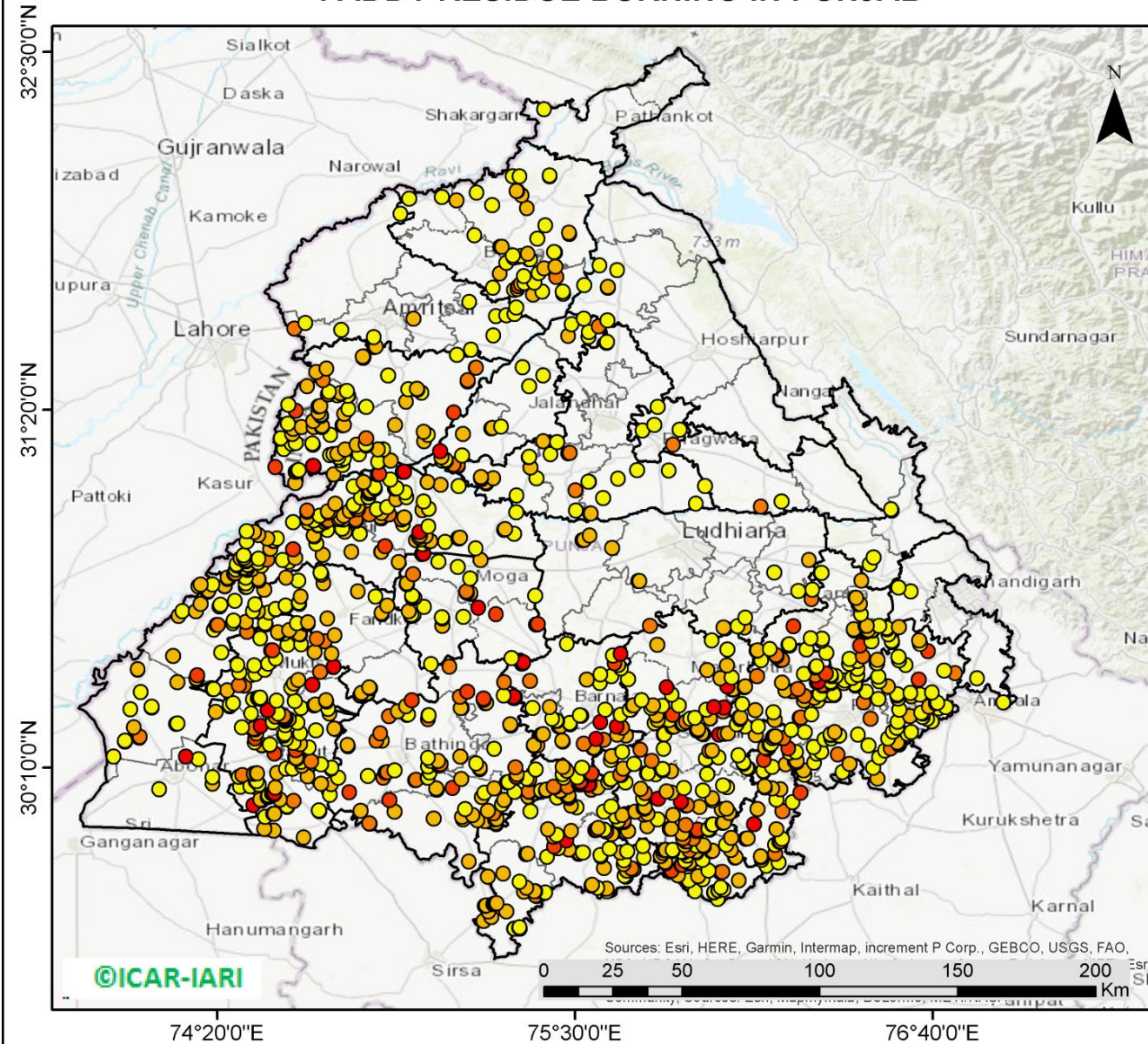
**Comparison of residue burning events in current year (2018) with previous years (2017& 2016) for the three study States**

**(30-Sep to 29-Oct)**



(a) Punjab

PADDY RESIDUE BURNING IN PUNJAB



**1321** burning events detected in Punjab on **29th October, 2018**

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

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

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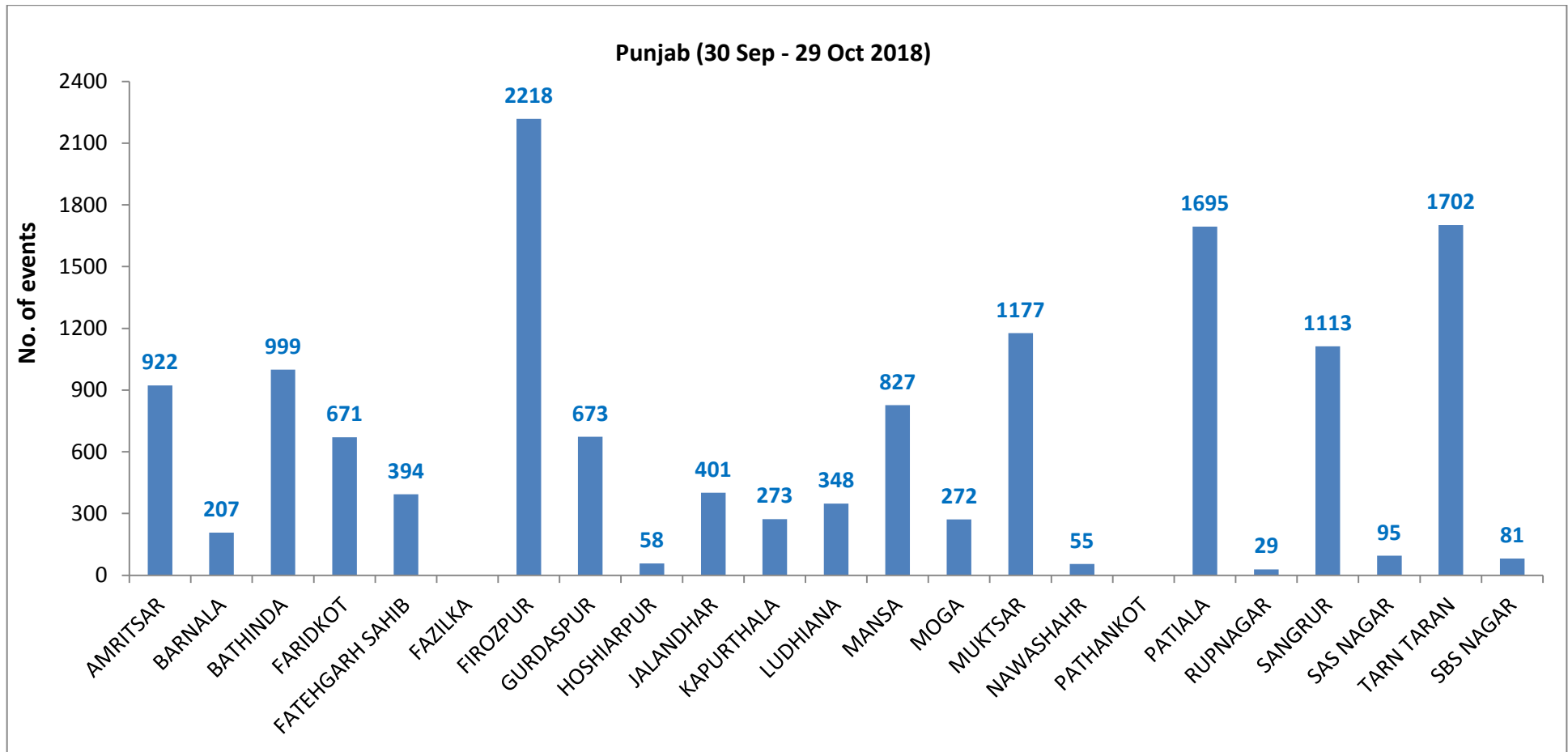
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO,

Esri, Sh



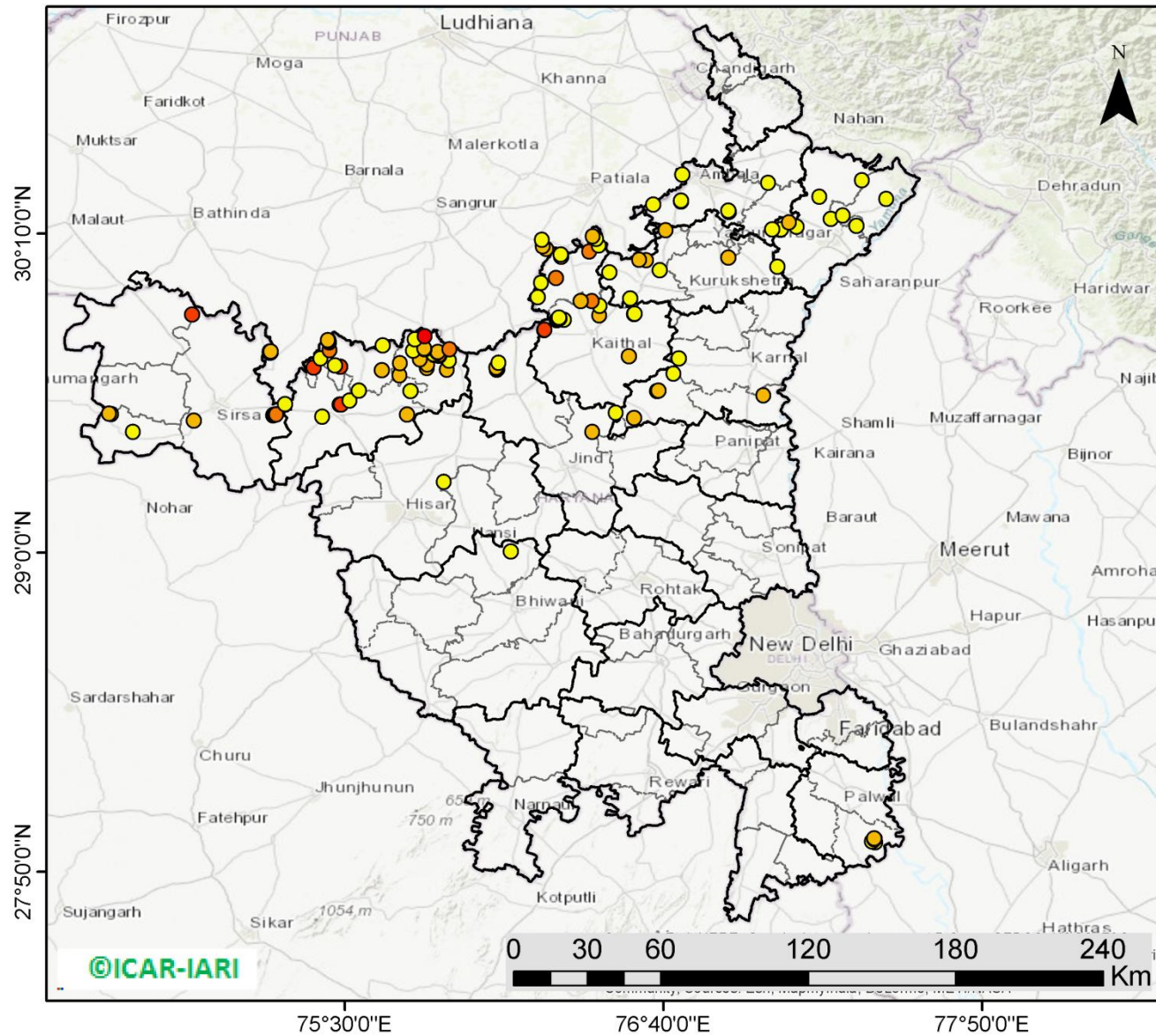
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

**District-wise cumulative number of residue burning events in Punjab (30-Sep-2018 to 29-Oct-2018)**



(b) Haryana

**PADDY RESIDUE BURNING IN HARYANA**



**124** burning events detected in Haryana on **29th October, 2018**

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

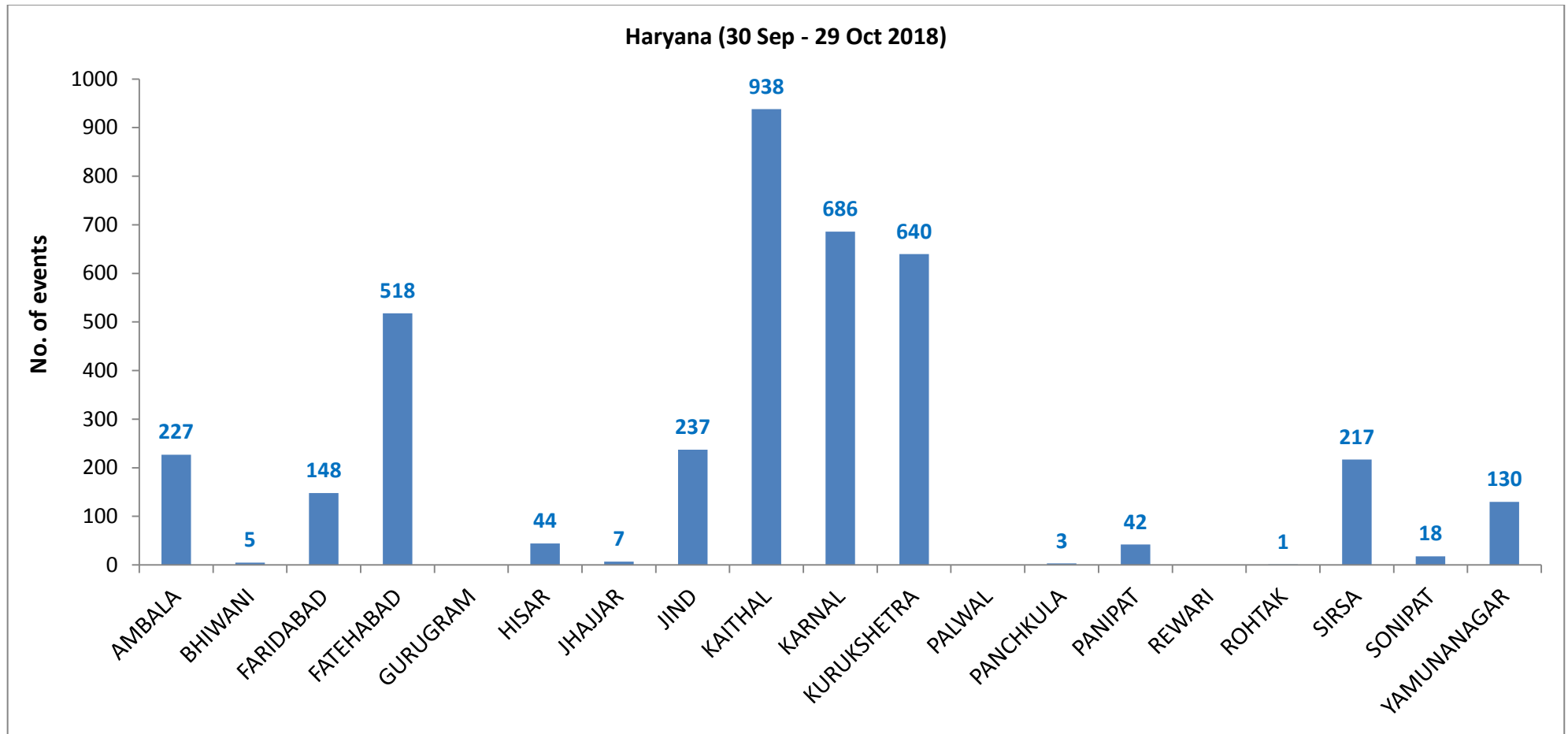
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20

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

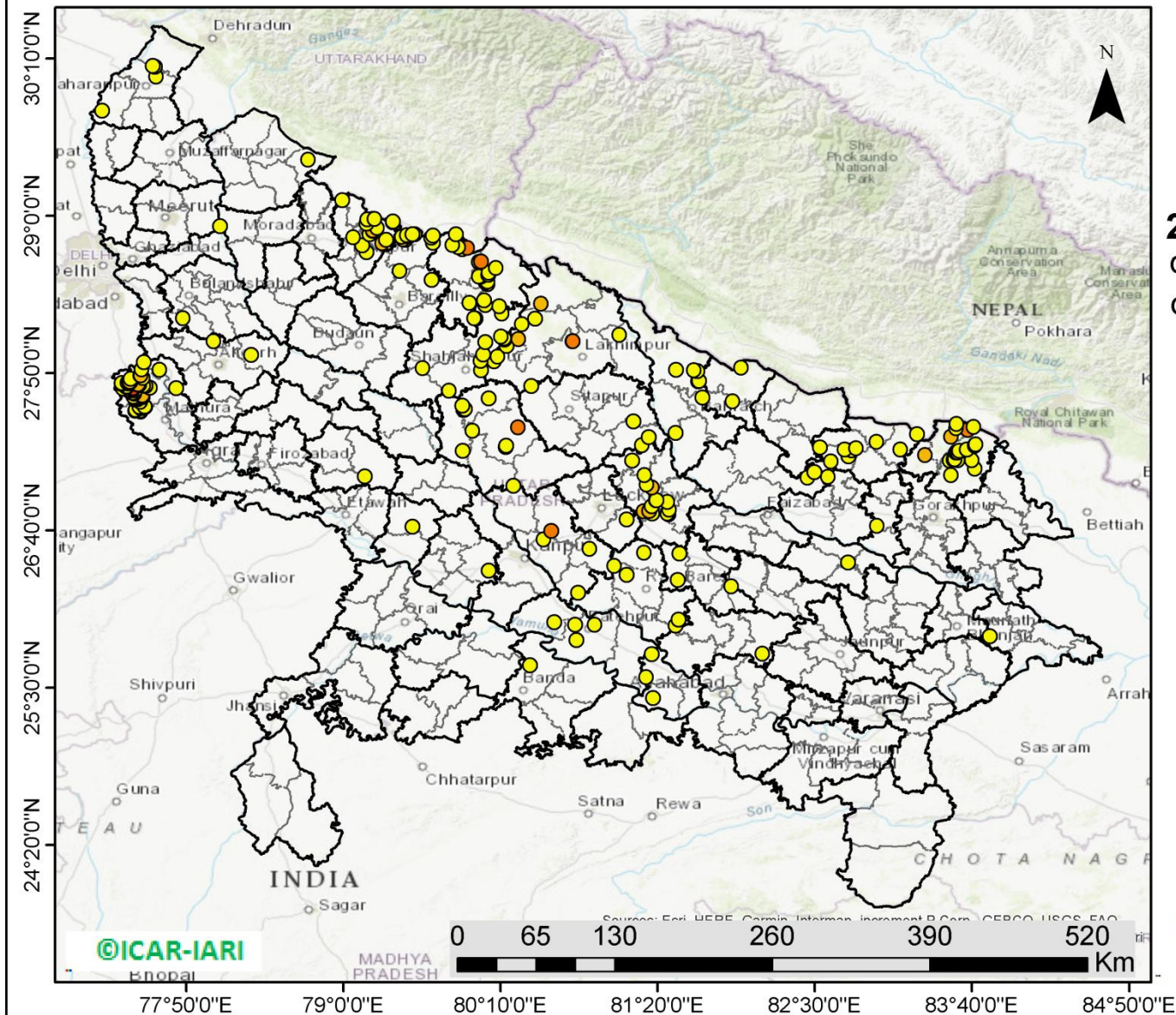
**District-wise cumulative number of residue burning events in Haryana (30-Sep-2018 to 29-Oct-2018)**





(c) Uttar Pradesh

PADDY RESIDUE BURNING IN UTTAR PRADESH



243 burning events detected in Uttar Pradesh on 29th October, 2018

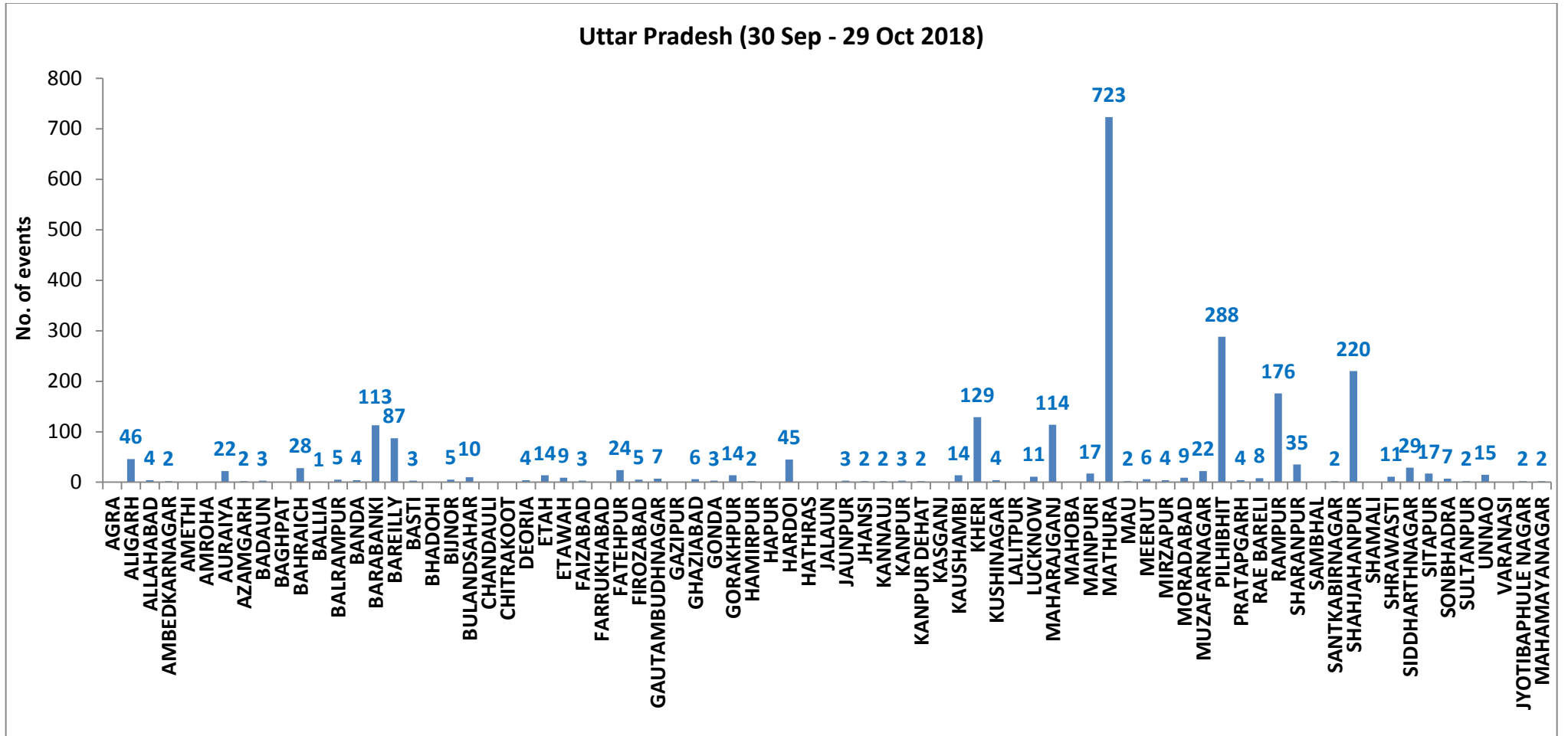
Fire Intensity (W/m<sup>2</sup>)

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



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

**District-wise cumulative number of residue burning events in Uttar Pradesh (30-Sep-2018 to 29-Oct-2018)**



**State wise, date wise and district-wise number of residue burning events detected in 2016, 2017 and 2018**  
**(Period: 30-Sep to 29-Oct)**

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

<b>20-Oct</b>	1175	2653	496	188	597	141	62	255	49	1425	3505	686
<b>21-Oct</b>	1726	1139	618	257	233	217	152	168	66	2135	1540	901
<b>22-Oct</b>	2837	1356	656	309	186	134	194	151	149	3340	1693	939
<b>23-Oct</b>	2040	994	1113	313	155	232	331	72	193	2684	1221	1538
<b>24-Oct</b>	1836	1714	844	221	244	166	152	171	192	2209	2129	1202
<b>25-Oct</b>	1813	2104	1247	229	303	182	83	175	142	2125	2582	1571
<b>26-Oct</b>	3390	1715	1173	434	276	132	195	240	33	4019	2231	1338
<b>27-Oct</b>	2904	2069	2040	417	224	252	255	145	154	3576	2438	2446
<b>28-Oct</b>	3493	2318	2864	458	292	330	435	99	290	4386	2709	3484
<b>29-Oct</b>	2258	4184	1321	278	502	124	237	180	243	2773	4866	1688
<b>Total</b>	<b>35504</b>	<b>27753</b>	<b>14210</b>	<b>6756</b>	<b>6394</b>	<b>3863</b>	<b>3576</b>	<b>3031</b>	<b>2356</b>	<b>45836</b>	<b>37178</b>	<b>20429</b>

**(a) Punjab**

Districts	01 - 29 Oct		
	2016	2017	2018
AMRITSAR	1322	1039	922
BARNALA	644	536	207
BATHINDA	2616	2306	999
FARIDKOT	1944	1920	671
FATEHGARH SAHIB	1864	1069	394
FAZILKA	0	0	0
FIROZPUR	3612	3651	2218
GURDASPUR	1504	994	673
HOSHIARPUR	523	308	58
JALANDHAR	2268	1124	401
KAPURTHALA	2062	956	273
LUDHIANA	2163	1548	348
MANSA	1116	1392	827
MOGA	950	612	272
MUKTSAR	2944	2110	1177
NAWASHAHR	607	338	55
PATHANKOT	0	0	0
PATIALA	3375	2811	1695
RUPNAGAR	490	159	29
SANGRUR	2435	2307	1113
SAS NAGAR	112	102	95
TARN TARAN	2742	2357	1702
SBS NAGAR	211	114	81
<b>Total</b>	<b>35504</b>	<b>27753</b>	<b>14210</b>

**(b) Haryana**

Districts	01 - 29 Oct		
	2016	2017	2018
AMBALA	478	417	227
BHIWANI	11	8	5
FARIDABAD	114	210	148
FATEHABAD	983	1005	518
GURUGRAM	0	0	0
HISAR	87	65	44
JHAJJAR	5	5	7
JIND	342	359	237
KAITHAL	1532	1239	938
KARNAL	1400	1334	686
KURUKSHETRA	1019	1095	640
PALWAL	0	0	0
PANCHKULA	0	0	3
PANIPAT	46	48	42
REWARI	0	0	0
ROHTAK	15	7	1
SIRSA	510	331	217
SONIPAT	22	29	18
YAMUNANAGAR	192	242	130
<b>Total</b>	<b>6756</b>	<b>6394</b>	<b>3863</b>

**(c) Uttar Pradesh**

Distrites	01-29 Oct			GAUTAMBUDH NAGAR			RAE BARELI				
	2016	2017	2018								
AGRA	0	0	0	6	11	7	8	3	8		
ALIGARH	28	46	46	5	0	0	539	483	176		
ALLAHABAD	0	0	4	GHAZIABAD	22	13	6	SHARANPUR	42	60	35
AMBEDKARNAGAR	6	6	2	GONDA	4	5	3	SAMBHAL	0	0	0
AMETHI	0	0	0	GORAKHPUR	6	4	14	SANTKABIRNAGAR	8	3	2
AMROHA	0	0	0	HAMIRPUR	0	0	2	SHAHJAHANPUR	759	544	220
AURAIYA	81	76	22	HAPUR	0	0	0	SHAMALI	0	0	0
AZAMGARH	0	1	2	HARDOI	93	58	45	SHRAWASTI	6	7	11
BADAUN	0	3	3	HATHRAS	0	0	0	SIDDHARTHANAGAR	8	3	29
BAGHPAT	0	0	0	JALAUN	0	0	0	SITAPUR	61	25	17
BAHRAICH	13	9	28	JAUNPUR	2	1	3	SONBHADRA	6	1	7
BALLIA	1	0	1	JHANSI	0	0	2	SULTANPUR	5	0	2
BALRAMPUR	2	3	5	KANNAUJ	1	4	2	UNNAO	14	7	15
BANDA	1	1	4	KANPUR	2	3	3	VARANASI	0	0	0
BARABANKI	117	63	113	KANPUR DEHAT	1	8	2	JYOTIBAPHULE NAGAR	5	3	2
BAREILLY	163	114	87	KASGANJ	0	0	0	MAHAMAYANAGAR	0	2	2
BASTI	5	7	3	KAUSHAMBI	5	9	14	Total	3576	3031	2356
BHADOHI	0	0	0	KHERI	254	158	129				
BIJNOR	16	7	5	KUSHINAGAR	2	1	4				
BULANDSAHAR	6	9	10	LALITPUR	0	0	0				
CHANDAUJI	2	0	0	LUCKNOW	21	8	11				
CHITRAKOOT	0	0	0	MAHARAJGANJ	19	66	114				
DEORIA	5	3	4	MAHOBA	0	0	0				
ETAH	5	16	14	MAINPURI	9	20	17				
ETAWAH	10	16	9	MATHURA	427	521	723				
FAIZABAD	1	2	3	MAU	2	0	2				
FARRUKHABAD	0	0	0	MEERUT	29	18	6				
FATEHPUR	19	9	24	MIRZAPUR	0	6	4				
FIROZABAD	8	4	5	MORADABAD	23	16	9				
				MUZAFARNAGAR	73	70	22				
				PILHIBHIT	619	494	288				
				PRATAPGARH	1	1	4				

**Details of residue burning events in Punjab on 29-Oct-2018**

<b>Event S. No.</b>	<b>District</b>	<b>Tehsil/Block</b>	<b>Satellite</b>	<b>Longitude</b>	<b>Latitude</b>	<b>Time (IST)</b>	<b>Day/Night</b>	<b>Fire Power (W/m<sup>2</sup>)</b>
1	AMRITSAR	AMRITSAR I	S-NPP	74.97196	31.63063	13:12:00	D	6.20
2	AMRITSAR	AMRITSAR II	S-NPP	74.84518	31.53823	13:12:00	D	4.90
3	AMRITSAR	AMRITSAR II	S-NPP	74.85076	31.53932	13:12:00	D	5.50
4	AMRITSAR	AMRITSAR II	S-NPP	74.84275	31.56984	13:12:00	D	4.50
5	AMRITSAR	AMRITSAR II	S-NPP	74.73637	31.59348	13:12:00	D	3.50
6	AMRITSAR	AMRITSAR II	TERRA-1	74.58413	31.59738	11:32:00	D	11.65
7	AMRITSAR	AMRITSAR II	S-NPP	74.62086	31.61604	13:12:00	D	3.00
8	AMRITSAR	BABA BAKALA	S-NPP	75.11399	31.51302	13:12:00	D	2.40
9	AMRITSAR	BABA BAKALA	S-NPP	75.16067	31.52985	13:12:00	D	4.30
10	AMRITSAR	BABA BAKALA	S-NPP	75.23337	31.57512	13:12:00	D	3.40
11	AMRITSAR	BABA BAKALA	S-NPP	75.24212	31.63879	13:12:00	D	3.50
12	AMRITSAR	BABA BAKALA	S-NPP	75.27498	31.64114	13:12:00	D	3.50
13	AMRITSAR	BABA BAKALA	S-NPP	75.30148	31.64620	13:12:00	D	3.90
14	AMRITSAR	BABA BAKALA	S-NPP	75.30724	31.66683	13:12:00	D	4.00
15	AMRITSAR	BABA BAKALA	S-NPP	75.15475	31.68451	13:12:00	D	2.70
16	BARNALA	BARNALA	S-NPP	75.48296	30.31122	13:12:00	D	3.90
17	BARNALA	BARNALA	S-NPP	75.51895	30.33617	13:12:00	D	3.70
18	BARNALA	BARNALA	S-NPP	75.51577	30.33714	13:12:00	D	4.30
19	BARNALA	BARNALA	S-NPP	75.64898	30.33847	13:12:00	D	2.40
20	BARNALA	BARNALA	S-NPP	75.59774	30.35528	13:12:00	D	4.80
21	BARNALA	BARNALA	S-NPP	75.58141	30.44256	13:12:00	D	3.00
22	BARNALA	BARNALA	S-NPP	75.26773	30.44505	13:12:00	D	10.80
23	BARNALA	BARNALA	S-NPP	75.35243	30.44939	13:12:00	D	13.60
24	BARNALA	BARNALA	S-NPP	75.53727	30.45330	13:12:00	D	9.00
25	BARNALA	BARNALA	S-NPP	75.61755	30.46480	13:12:00	D	3.00
26	BARNALA	BARNALA	S-NPP	75.58308	30.46996	13:12:00	D	3.60
27	BARNALA	BARNALA	S-NPP	75.64967	30.49053	13:12:00	D	2.70

28	BARNALA	BARNALA	S-NPP	75.64162	30.50073	13:12:00	D	7.60
29	BARNALA	BARNALA	S-NPP	75.32510	30.50549	13:12:00	D	27.90
30	BARNALA	BARNALA	S-NPP	75.62923	30.50621	13:12:00	D	16.50
31	BARNALA	BARNALA	S-NPP	75.33052	30.50654	13:12:00	D	27.90
32	BARNALA	BARNALA	S-NPP	75.33157	30.50902	13:12:00	D	30.10
33	BARNALA	BARNALA	S-NPP	75.62268	30.53237	13:12:00	D	4.20
34	BARNALA	BARNALA	S-NPP	75.64894	30.53732	13:12:00	D	30.50
35	BARNALA	BARNALA	S-NPP	75.47260	30.56968	13:12:00	D	3.60
36	BARNALA	TAPPA	S-NPP	75.55006	30.14323	13:12:00	D	16.10
37	BARNALA	TAPPA	S-NPP	75.55447	30.14803	13:12:00	D	16.10
38	BARNALA	TAPPA	S-NPP	75.52200	30.16556	13:12:00	D	3.30
39	BARNALA	TAPPA	S-NPP	75.56230	30.22850	13:12:00	D	6.80
40	BARNALA	TAPPA	S-NPP	75.55923	30.23091	13:12:00	D	7.30
41	BARNALA	TAPPA	S-NPP	75.56135	30.23227	13:12:00	D	6.20
42	BARNALA	TAPPA	S-NPP	75.37639	30.23932	13:12:00	D	7.90
43	BARNALA	TAPPA	S-NPP	75.36452	30.24102	13:12:00	D	7.00
44	BARNALA	TAPPA	S-NPP	75.52781	30.24461	13:12:00	D	11.00
45	BARNALA	TAPPA	S-NPP	75.45861	30.25113	13:12:00	D	6.20
46	BARNALA	TAPPA	S-NPP	75.45766	30.25491	13:12:00	D	6.20
47	BARNALA	TAPPA	S-NPP	75.59177	30.25690	13:12:00	D	11.00
48	BARNALA	TAPPA	S-NPP	75.56861	30.26034	13:12:00	D	38.70
49	BARNALA	TAPPA	S-NPP	75.66582	30.27107	13:12:00	D	5.10
50	BARNALA	TAPPA	S-NPP	75.63757	30.27353	13:12:00	D	5.40
51	BARNALA	TAPPA	S-NPP	75.39047	30.27387	13:12:00	D	6.00
52	BARNALA	TAPPA	S-NPP	75.39591	30.27490	13:12:00	D	8.80
53	BARNALA	TAPPA	S-NPP	75.65400	30.29628	13:12:00	D	11.60
54	BARNALA	TAPPA	S-NPP	75.44621	30.30033	13:12:00	D	9.20
55	BARNALA	TAPPA	S-NPP	75.63628	30.30077	13:12:00	D	22.50
56	BARNALA	TAPPA	S-NPP	75.45161	30.30135	13:12:00	D	9.20
57	BARNALA	TAPPA	S-NPP	75.48391	30.30745	13:12:00	D	3.60



58	BARNALA	TAPPA	S-NPP	75.58295	30.31428	13:12:00	D	27.80
59	BARNALA	TAPPA	S-NPP	75.44142	30.31924	13:12:00	D	7.60
60	BARNALA	TAPPA	S-NPP	75.43847	30.32059	13:12:00	D	4.50
61	BARNALA	TAPPA	S-NPP	75.42578	30.32607	13:12:00	D	3.20
62	BARNALA	TAPPA	S-NPP	75.36012	30.36115	13:12:00	D	4.90
63	BARNALA	TAPPA	S-NPP	75.41623	30.36393	13:12:00	D	5.30
64	BATHINDA	BATHINDA	S-NPP	74.79951	30.02553	13:12:00	D	6.30
65	BATHINDA	BATHINDA	S-NPP	74.70045	30.07834	13:12:00	D	2.70
66	BATHINDA	BATHINDA	S-NPP	74.76327	30.08674	13:12:00	D	20.00
67	BATHINDA	BATHINDA	S-NPP	75.10002	30.10054	13:12:00	D	15.10
68	BATHINDA	BATHINDA	S-NPP	74.70407	30.11226	13:12:00	D	9.20
69	BATHINDA	BATHINDA	S-NPP	74.67049	30.11391	13:12:00	D	5.40
70	BATHINDA	BATHINDA	S-NPP	74.97832	30.12537	13:12:00	D	14.10
71	BATHINDA	BATHINDA	S-NPP	74.98017	30.12627	13:12:00	D	14.10
72	BATHINDA	BATHINDA	S-NPP	74.72652	30.13325	13:12:00	D	3.30
73	BATHINDA	BATHINDA	S-NPP	75.01819	30.13325	13:12:00	D	3.80
74	BATHINDA	BATHINDA	S-NPP	74.87364	30.13336	13:12:00	D	13.80
75	BATHINDA	BATHINDA	S-NPP	75.02012	30.13392	13:12:00	D	3.40
76	BATHINDA	BATHINDA	S-NPP	74.82320	30.13988	13:12:00	D	4.10
77	BATHINDA	BATHINDA	S-NPP	75.02558	30.15100	13:12:00	D	4.00
78	BATHINDA	BATHINDA	S-NPP	74.88117	30.15125	13:12:00	D	7.90
79	BATHINDA	BATHINDA	S-NPP	74.88694	30.15239	13:12:00	D	11.20
80	BATHINDA	BATHINDA	S-NPP	74.91000	30.15690	13:12:00	D	4.40
81	BATHINDA	BATHINDA	S-NPP	75.02062	30.17037	13:12:00	D	2.50
82	BATHINDA	BATHINDA	S-NPP	75.05561	30.17314	13:12:00	D	5.60
83	BATHINDA	BATHINDA	S-NPP	75.05462	30.17701	13:12:00	D	5.60
84	BATHINDA	BATHINDA	S-NPP	75.06027	30.17811	13:12:00	D	10.50
85	BATHINDA	BATHINDA	S-NPP	75.02800	30.18808	13:12:00	D	2.60
86	BATHINDA	BATHINDA	S-NPP	75.05166	30.18861	13:12:00	D	8.00
87	BATHINDA	BATHINDA	S-NPP	75.01936	30.19860	13:12:00	D	4.30

88	BATHINDA	BATHINDA	S-NPP	75.12487	30.20282	13:12:00	D	8.70
89	BATHINDA	BATHINDA	S-NPP	74.75928	30.23640	13:12:00	D	6.20
90	BATHINDA	BATHINDA	S-NPP	74.75826	30.24032	13:12:00	D	5.30
91	BATHINDA	BATHINDA	S-NPP	74.87057	30.25417	13:12:00	D	8.60
92	BATHINDA	BATHINDA	S-NPP	74.85225	30.25467	13:12:00	D	13.10
93	BATHINDA	BATHINDA	S-NPP	74.86453	30.27757	13:12:00	D	12.60
94	BATHINDA	BATHINDA	S-NPP	75.02049	30.32408	13:12:00	D	11.00
95	BATHINDA	BATHINDA	TERRA-1	74.89278	30.33375	11:32:00	D	14.80
96	BATHINDA	BATHINDA	S-NPP	75.02106	30.33649	13:12:00	D	4.20
97	BATHINDA	BATHINDA	S-NPP	75.02317	30.33676	13:12:00	D	3.50
98	BATHINDA	BATHINDA	S-NPP	74.95099	30.33917	13:12:00	D	6.80
99	BATHINDA	BATHINDA	S-NPP	74.95474	30.33963	13:12:00	D	3.80
100	BATHINDA	BATHINDA	S-NPP	74.92224	30.34952	13:12:00	D	5.30
101	BATHINDA	BATHINDA	S-NPP	75.12897	30.36104	13:12:00	D	8.40
102	BATHINDA	BATHINDA	S-NPP	75.12663	30.36139	13:12:00	D	8.10
103	BATHINDA	BATHINDA	S-NPP	74.94778	30.36676	13:12:00	D	6.20
104	BATHINDA	BATHINDA	S-NPP	74.96651	30.38670	13:12:00	D	20.00
105	BATHINDA	RAMPURA PHUL	S-NPP	75.34303	30.13128	13:12:00	D	3.90
106	BATHINDA	RAMPURA PHUL	S-NPP	75.30717	30.13641	13:12:00	D	15.20
107	BATHINDA	RAMPURA PHUL	S-NPP	75.31073	30.14511	13:12:00	D	8.80
108	BATHINDA	RAMPURA PHUL	S-NPP	75.19019	30.16229	13:12:00	D	7.80
109	BATHINDA	RAMPURA PHUL	S-NPP	75.18787	30.16260	13:12:00	D	5.90
110	BATHINDA	RAMPURA PHUL	S-NPP	75.18921	30.16613	13:12:00	D	7.80
111	BATHINDA	RAMPURA PHUL	S-NPP	75.30493	30.16802	13:12:00	D	12.20
112	BATHINDA	RAMPURA PHUL	S-NPP	75.17743	30.18073	13:12:00	D	4.90
113	BATHINDA	RAMPURA PHUL	S-NPP	75.23531	30.22818	13:12:00	D	4.00
114	BATHINDA	RAMPURA PHUL	S-NPP	75.36548	30.23722	13:12:00	D	9.50
115	BATHINDA	RAMPURA PHUL	S-NPP	75.28880	30.30349	13:12:00	D	6.10
116	BATHINDA	RAMPURA PHUL	S-NPP	75.28783	30.30730	13:12:00	D	6.10
117	BATHINDA	RAMPURA PHUL	S-NPP	75.20682	30.37586	13:12:00	D	3.10

118	BATHINDA	RAMPURA PHUL	S-NPP	75.20983	30.37774	13:12:00	D	7.90
119	BATHINDA	RAMPURA PHUL	S-NPP	75.20138	30.38813	13:12:00	D	19.70
120	BATHINDA	RAMPURA PHUL	S-NPP	75.20040	30.39195	13:12:00	D	19.70
121	BATHINDA	RAMPURA PHUL	S-NPP	75.30039	30.39361	13:12:00	D	26.90
122	BATHINDA	RAMPURA PHUL	S-NPP	75.29768	30.39493	13:12:00	D	35.00
123	BATHINDA	RAMPURA PHUL	S-NPP	75.30315	30.39600	13:12:00	D	19.70
124	BATHINDA	RAMPURA PHUL	S-NPP	75.12338	30.39704	13:12:00	D	14.80
125	BATHINDA	RAMPURA PHUL	S-NPP	75.29942	30.39742	13:12:00	D	26.90
126	BATHINDA	RAMPURA PHUL	S-NPP	75.26742	30.40102	13:12:00	D	2.80
127	BATHINDA	RAMPURA PHUL	S-NPP	75.14825	30.41395	13:12:00	D	15.10
128	BATHINDA	RAMPURA PHUL	S-NPP	75.09071	30.49578	13:12:00	D	11.90
129	BATHINDA	TALWANDI SABO	S-NPP	75.15301	29.85970	13:12:00	D	6.30
130	BATHINDA	TALWANDI SABO	S-NPP	75.24306	29.98283	13:12:00	D	5.90
131	BATHINDA	TALWANDI SABO	S-NPP	74.82970	29.98429	13:12:00	D	9.20
132	BATHINDA	TALWANDI SABO	S-NPP	74.82817	29.98578	13:12:00	D	10.30
133	BATHINDA	TALWANDI SABO	S-NPP	75.24209	29.98667	13:12:00	D	5.90
134	BATHINDA	TALWANDI SABO	S-NPP	75.20571	29.99172	13:12:00	D	9.80
135	BATHINDA	TALWANDI SABO	S-NPP	75.18136	29.99509	13:12:00	D	8.10
136	BATHINDA	TALWANDI SABO	S-NPP	75.13345	29.99797	13:12:00	D	5.40
137	BATHINDA	TALWANDI SABO	S-NPP	75.23917	29.99820	13:12:00	D	6.40
138	BATHINDA	TALWANDI SABO	S-NPP	75.24473	29.99928	13:12:00	D	6.40
139	BATHINDA	TALWANDI SABO	S-NPP	75.03780	29.99984	13:12:00	D	7.80
140	BATHINDA	TALWANDI SABO	S-NPP	75.13148	30.00570	13:12:00	D	8.50
141	BATHINDA	TALWANDI SABO	S-NPP	75.16525	30.01221	13:12:00	D	6.20
142	BATHINDA	TALWANDI SABO	S-NPP	75.23431	30.01742	13:12:00	D	10.60
143	BATHINDA	TALWANDI SABO	S-NPP	74.91022	30.02264	13:12:00	D	7.70
144	BATHINDA	TALWANDI SABO	S-NPP	75.21465	30.02574	13:12:00	D	7.50
145	BATHINDA	TALWANDI SABO	S-NPP	75.14121	30.03155	13:12:00	D	4.90
146	BATHINDA	TALWANDI SABO	S-NPP	75.24778	30.05624	13:12:00	D	59.30
147	BATHINDA	TALWANDI SABO	S-NPP	74.89439	30.06059	13:12:00	D	16.00

148	BATHINDA	TALWANDI SABO	S-NPP	75.19597	30.07063	13:12:00	D	6.00
149	BATHINDA	TALWANDI SABO	S-NPP	75.20418	30.08434	13:12:00	D	3.60
150	BATHINDA	TALWANDI SABO	S-NPP	75.04810	30.09455	13:12:00	D	9.30
151	BATHINDA	TALWANDI SABO	S-NPP	75.04710	30.09843	13:12:00	D	9.30
152	BATHINDA	TALWANDI SABO	S-NPP	75.23562	30.09851	13:12:00	D	7.70
153	BATHINDA	TALWANDI SABO	S-NPP	75.27699	30.11857	13:12:00	D	11.90
154	BATHINDA	TALWANDI SABO	S-NPP	75.28251	30.11963	13:12:00	D	4.40
155	BATHINDA	TALWANDI SABO	S-NPP	75.12791	30.13021	13:12:00	D	5.30
156	FARIDKOT	FARIDKOT	S-NPP	74.70634	30.53812	13:12:00	D	6.70
157	FARIDKOT	FARIDKOT	S-NPP	74.68343	30.57887	13:12:00	D	10.40
158	FARIDKOT	FARIDKOT	S-NPP	74.71532	30.59742	13:12:00	D	6.50
159	FARIDKOT	FARIDKOT	S-NPP	74.62341	30.63499	13:12:00	D	6.00
160	FARIDKOT	FARIDKOT	S-NPP	74.62926	30.63615	13:12:00	D	6.00
161	FARIDKOT	FARIDKOT	S-NPP	74.62823	30.64008	13:12:00	D	6.00
162	FARIDKOT	FARIDKOT	S-NPP	74.69246	30.65277	13:12:00	D	7.50
163	FARIDKOT	FARIDKOT	S-NPP	74.87014	30.66738	13:12:00	D	6.10
164	FARIDKOT	FARIDKOT	S-NPP	74.86913	30.67125	13:12:00	D	6.10
165	FARIDKOT	FARIDKOT	S-NPP	74.50053	30.67287	13:12:00	D	2.50
166	FARIDKOT	FARIDKOT	S-NPP	74.52326	30.68145	13:12:00	D	1.90
167	FARIDKOT	FARIDKOT	S-NPP	74.52299	30.68333	13:12:00	D	2.30
168	FARIDKOT	FARIDKOT	S-NPP	74.55873	30.69250	13:12:00	D	4.90
169	FARIDKOT	FARIDKOT	S-NPP	74.55641	30.69420	13:12:00	D	3.20
170	FARIDKOT	FARIDKOT	S-NPP	74.88689	30.69505	13:12:00	D	8.90
171	FARIDKOT	FARIDKOT	S-NPP	74.60001	30.70053	13:12:00	D	3.00
172	FARIDKOT	FARIDKOT	S-NPP	74.59759	30.70246	13:12:00	D	6.60
173	FARIDKOT	FARIDKOT	S-NPP	74.59897	30.70446	13:12:00	D	3.20
174	FARIDKOT	FARIDKOT	S-NPP	74.84939	30.72433	13:12:00	D	3.50
175	FARIDKOT	FARIDKOT	S-NPP	74.60416	30.72441	13:12:00	D	8.90
176	FARIDKOT	FARIDKOT	S-NPP	74.79073	30.74151	13:12:00	D	6.00
177	FARIDKOT	FARIDKOT	S-NPP	74.48557	30.74639	13:12:00	D	5.10

178	FARIDKOT	FARIDKOT	S-NPP	74.67867	30.76796	13:12:00	D	6.80
179	FARIDKOT	FARIDKOT	S-NPP	74.59663	30.77652	13:12:00	D	4.70
180	FARIDKOT	FARIDKOT	S-NPP	74.55723	30.78530	13:12:00	D	7.60
181	FARIDKOT	FARIDKOT	S-NPP	74.67149	30.79528	13:12:00	D	10.20
182	FARIDKOT	FARIDKOT	S-NPP	74.66944	30.80308	13:12:00	D	3.70
183	FARIDKOT	JAITO	S-NPP	74.80637	30.40048	13:12:00	D	8.20
184	FARIDKOT	JAITO	S-NPP	74.79874	30.40149	13:12:00	D	9.80
185	FARIDKOT	JAITO	S-NPP	74.80453	30.40265	13:12:00	D	9.80
186	FARIDKOT	JAITO	S-NPP	74.79956	30.40326	13:12:00	D	11.30
187	FARIDKOT	JAITO	S-NPP	74.82270	30.40774	13:12:00	D	4.00
188	FARIDKOT	JAITO	S-NPP	74.80434	30.40829	13:12:00	D	10.40
189	FARIDKOT	JAITO	S-NPP	74.82082	30.41000	13:12:00	D	5.30
190	FARIDKOT	JAITO	S-NPP	74.80251	30.41045	13:12:00	D	5.20
191	FARIDKOT	JAITO	S-NPP	74.83022	30.42556	13:12:00	D	6.40
192	FARIDKOT	JAITO	S-NPP	74.82832	30.42789	13:12:00	D	9.00
193	FATEHGARH SAHIB	ALMOH	S-NPP	76.09145	30.54712	13:12:00	D	4.20
194	FATEHGARH SAHIB	ALMOH	S-NPP	76.09384	30.54892	13:12:00	D	6.40
195	FATEHGARH SAHIB	ALMOH	S-NPP	76.13475	30.55257	13:12:00	D	3.80
196	FATEHGARH SAHIB	ALMOH	S-NPP	76.19941	30.56435	13:12:00	D	3.70
197	FATEHGARH SAHIB	ALMOH	S-NPP	76.19595	30.56673	13:12:00	D	7.70
198	FATEHGARH SAHIB	ALMOH	S-NPP	76.19851	30.56798	13:12:00	D	3.30
199	FATEHGARH SAHIB	ALMOH	S-NPP	76.26818	30.58780	13:12:00	D	2.40
200	FATEHGARH SAHIB	ALMOH	S-NPP	76.21232	30.62675	13:12:00	D	17.30
201	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.43222	30.66703	13:12:00	D	3.30
202	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.42436	30.69937	13:12:00	D	4.30
203	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.42919	30.70024	13:12:00	D	7.00
204	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.41427	30.72007	13:12:00	D	6.30
205	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.41685	30.72059	13:12:00	D	6.20
206	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.40276	30.45848	13:12:00	D	3.10
207	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.35043	30.46406	13:12:00	D	2.50

208	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.42047	30.46924	13:12:00	D	3.00
209	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.42097	30.48816	13:12:00	D	2.00
210	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.39335	30.50532	13:12:00	D	3.90
211	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.48223	30.50670	13:12:00	D	6.60
212	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.48401	30.50704	13:12:00	D	5.00
213	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.42163	30.51431	13:12:00	D	3.10
214	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.48623	30.51871	13:12:00	D	6.00
215	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.39473	30.52065	13:12:00	D	3.80
216	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.43839	30.52868	13:12:00	D	11.80
217	FATEHGARH SAHIB	FATEHGARH SAHIB	TERRA-1	76.42922	30.56432	11:32:00	D	17.35
218	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.53269	30.57592	13:12:00	D	2.80
219	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.46664	30.57892	13:12:00	D	4.40
220	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.53182	30.57950	13:12:00	D	2.80
221	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.30390	30.57953	13:12:00	D	6.30
222	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.30428	30.58695	13:12:00	D	2.40
223	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.44614	30.60951	13:12:00	D	2.50
224	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.44914	30.60952	13:12:00	D	2.70
225	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.46847	30.61300	13:12:00	D	6.20
226	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.46545	30.61308	13:12:00	D	2.90
227	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.45310	30.61398	13:12:00	D	6.50
228	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.40967	30.61404	13:12:00	D	5.10
229	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.45493	30.61489	13:12:00	D	7.10
230	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.40879	30.61764	13:12:00	D	5.10
231	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.51752	30.61806	13:12:00	D	4.00
232	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.44663	30.62837	13:12:00	D	5.50
233	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.49174	30.62918	13:12:00	D	3.20
234	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.45146	30.62926	13:12:00	D	5.50
235	FATEHGARH SAHIB	KHAMANO	S-NPP	76.43362	30.77618	13:12:00	D	5.20
236	FATEHGARH SAHIB	KHAMANO	S-NPP	76.30085	30.80094	13:12:00	D	3.50
237	FATEHGARH SAHIB	KHAMANO	S-NPP	76.30293	30.80146	13:12:00	D	3.10

238	FIROZPUR	ABOHAR	S-NPP	74.14293	30.09623	13:12:00	D	2.60
239	FIROZPUR	ABOHAR	S-NPP	74.31800	30.11473	13:12:00	D	8.50
240	FIROZPUR	ABOHAR	S-NPP	74.31683	30.13570	13:12:00	D	3.30
241	FIROZPUR	ABOHAR	S-NPP	74.27158	30.19394	13:12:00	D	3.00
242	FIROZPUR	ABOHAR	S-NPP	74.27090	30.19438	13:12:00	D	3.90
243	FIROZPUR	ABOHAR	S-NPP	74.23006	30.20247	13:12:00	D	39.10
244	FIROZPUR	FAZILKA	S-NPP	73.99479	30.20177	13:12:00	D	4.60
245	FIROZPUR	FAZILKA	S-NPP	74.03078	30.25208	13:12:00	D	2.80
246	FIROZPUR	FAZILKA	S-NPP	74.03188	30.25404	13:12:00	D	4.30
247	FIROZPUR	FAZILKA	S-NPP	74.07848	30.26365	13:12:00	D	25.70
248	FIROZPUR	FAZILKA	S-NPP	74.07641	30.26547	13:12:00	D	13.20
249	FIROZPUR	FAZILKA	S-NPP	74.08064	30.26632	13:12:00	D	13.20
250	FIROZPUR	FAZILKA	S-NPP	74.06025	30.29853	13:12:00	D	6.00
251	FIROZPUR	FAZILKA	S-NPP	74.19868	30.30964	13:12:00	D	4.40
252	FIROZPUR	FAZILKA	S-NPP	74.20283	30.31048	13:12:00	D	4.40
253	FIROZPUR	FAZILKA	S-NPP	74.04924	30.35633	13:12:00	D	3.80
254	FIROZPUR	FAZILKA	S-NPP	74.11880	30.36170	13:12:00	D	3.50
255	FIROZPUR	FAZILKA	S-NPP	74.11772	30.36575	13:12:00	D	4.50
256	FIROZPUR	FAZILKA	S-NPP	74.08373	30.41318	13:12:00	D	1.80
257	FIROZPUR	FAZILKA	S-NPP	74.20245	30.44575	13:12:00	D	8.40
258	FIROZPUR	FAZILKA	S-NPP	74.07343	30.48619	13:12:00	D	9.10
259	FIROZPUR	FAZILKA	S-NPP	74.07260	30.48782	13:12:00	D	9.40
260	FIROZPUR	FIROZPUR	S-NPP	74.46927	30.77638	13:12:00	D	2.10
261	FIROZPUR	FIROZPUR	S-NPP	74.46823	30.78032	13:12:00	D	5.60
262	FIROZPUR	FIROZPUR	S-NPP	74.46785	30.78151	13:12:00	D	5.10
263	FIROZPUR	FIROZPUR	S-NPP	74.42503	30.78535	13:12:00	D	1.90
264	FIROZPUR	FIROZPUR	S-NPP	74.43070	30.81145	13:12:00	D	2.60
265	FIROZPUR	FIROZPUR	S-NPP	74.39272	30.81219	13:12:00	D	4.10
266	FIROZPUR	FIROZPUR	S-NPP	74.44658	30.81463	13:12:00	D	5.30
267	FIROZPUR	FIROZPUR	S-NPP	74.42966	30.81540	13:12:00	D	4.80

268	FIROZPUR	FIROZPUR	S-NPP	74.41666	30.81697	13:12:00	D	5.30
269	FIROZPUR	FIROZPUR	S-NPP	74.42065	30.81777	13:12:00	D	5.30
270	FIROZPUR	FIROZPUR	S-NPP	74.43552	30.82489	13:12:00	D	3.70
271	FIROZPUR	FIROZPUR	S-NPP	74.47723	30.82489	13:12:00	D	3.80
272	FIROZPUR	FIROZPUR	S-NPP	74.39757	30.82565	13:12:00	D	4.20
273	FIROZPUR	FIROZPUR	S-NPP	74.43049	30.82804	13:12:00	D	3.70
274	FIROZPUR	FIROZPUR	S-NPP	74.39651	30.82961	13:12:00	D	4.20
275	FIROZPUR	FIROZPUR	S-NPP	74.46619	30.83514	13:12:00	D	4.50
276	FIROZPUR	FIROZPUR	S-NPP	74.92529	30.83646	13:12:00	D	7.90
277	FIROZPUR	FIROZPUR	S-NPP	74.56579	30.83838	13:12:00	D	4.10
278	FIROZPUR	FIROZPUR	S-NPP	74.42339	30.83910	13:12:00	D	10.30
279	FIROZPUR	FIROZPUR	S-NPP	74.42737	30.83989	13:12:00	D	7.10
280	FIROZPUR	FIROZPUR	S-NPP	74.54609	30.84272	13:12:00	D	4.00
281	FIROZPUR	FIROZPUR	S-NPP	74.42631	30.84384	13:12:00	D	7.10
282	FIROZPUR	FIROZPUR	S-NPP	74.49578	30.84515	13:12:00	D	13.10
283	FIROZPUR	FIROZPUR	S-NPP	74.46703	30.84774	13:12:00	D	2.50
284	FIROZPUR	FIROZPUR	S-NPP	74.40829	30.84859	13:12:00	D	7.00
285	FIROZPUR	FIROZPUR	S-NPP	74.58717	30.85086	13:12:00	D	5.60
286	FIROZPUR	FIROZPUR	S-NPP	74.42024	30.85095	13:12:00	D	4.00
287	FIROZPUR	FIROZPUR	S-NPP	74.41814	30.85885	13:12:00	D	3.60
288	FIROZPUR	FIROZPUR	S-NPP	74.67654	30.86032	13:12:00	D	5.60
289	FIROZPUR	FIROZPUR	S-NPP	74.86680	30.86941	13:12:00	D	14.70
290	FIROZPUR	FIROZPUR	S-NPP	74.86900	30.87013	13:12:00	D	9.90
291	FIROZPUR	FIROZPUR	S-NPP	74.77071	30.87075	13:12:00	D	9.40
292	FIROZPUR	FIROZPUR	S-NPP	74.57996	30.87826	13:12:00	D	17.90
293	FIROZPUR	FIROZPUR	S-NPP	74.50520	30.88010	13:12:00	D	6.60
294	FIROZPUR	FIROZPUR	S-NPP	74.87976	30.88817	13:12:00	D	16.80
295	FIROZPUR	FIROZPUR	S-NPP	74.65469	30.89701	13:12:00	D	2.90
296	FIROZPUR	FIROZPUR	S-NPP	74.42846	30.90416	13:12:00	D	3.80
297	FIROZPUR	FIROZPUR	S-NPP	74.51643	30.90526	13:12:00	D	4.80



298	FIROZPUR	FIROZPUR	S-NPP	74.51667	30.90712	13:12:00	D	4.10
299	FIROZPUR	FIROZPUR	S-NPP	74.52744	30.91333	13:12:00	D	4.00
300	FIROZPUR	FIROZPUR	S-NPP	74.49564	30.91349	13:12:00	D	5.70
301	FIROZPUR	FIROZPUR	S-NPP	74.64854	30.92040	13:12:00	D	2.90
302	FIROZPUR	FIROZPUR	S-NPP	74.64694	30.92320	13:12:00	D	9.60
303	FIROZPUR	FIROZPUR	S-NPP	74.46785	30.92449	13:12:00	D	5.50
304	FIROZPUR	FIROZPUR	S-NPP	74.79752	30.92891	13:12:00	D	4.80
305	FIROZPUR	FIROZPUR	S-NPP	74.45287	30.93393	13:12:00	D	5.40
306	FIROZPUR	FIROZPUR	S-NPP	74.74771	30.93553	13:12:00	D	9.00
307	FIROZPUR	FIROZPUR	S-NPP	74.42802	30.93728	13:12:00	D	4.30
308	FIROZPUR	FIROZPUR	S-NPP	74.69181	30.94104	13:12:00	D	1.70
309	FIROZPUR	FIROZPUR	S-NPP	74.73810	30.94550	13:12:00	D	4.50
310	FIROZPUR	FIROZPUR	S-NPP	74.73891	30.94605	13:12:00	D	4.40
311	FIROZPUR	FIROZPUR	S-NPP	74.66295	30.95508	13:12:00	D	4.40
312	FIROZPUR	FIROZPUR	S-NPP	74.66193	30.95897	13:12:00	D	4.40
313	FIROZPUR	FIROZPUR	S-NPP	74.62991	30.96492	13:12:00	D	5.50
314	FIROZPUR	FIROZPUR	S-NPP	74.58025	30.96743	13:12:00	D	2.80
315	FIROZPUR	FIROZPUR	S-NPP	74.68400	30.96743	13:12:00	D	9.80
316	FIROZPUR	FIROZPUR	S-NPP	74.78546	30.97119	13:12:00	D	10.30
317	FIROZPUR	FIROZPUR	S-NPP	74.64627	30.97225	13:12:00	D	4.90
318	FIROZPUR	FIROZPUR	S-NPP	74.68874	30.97245	13:12:00	D	9.80
319	FIROZPUR	FIROZPUR	S-NPP	74.69450	30.97359	13:12:00	D	10.80
320	FIROZPUR	FIROZPUR	S-NPP	74.74246	30.97490	13:12:00	D	4.90
321	FIROZPUR	FIROZPUR	S-NPP	74.78446	30.97505	13:12:00	D	10.30
322	FIROZPUR	FIROZPUR	S-NPP	74.72998	30.97651	13:12:00	D	5.80
323	FIROZPUR	FIROZPUR	S-NPP	74.62582	30.98051	13:12:00	D	5.20
324	FIROZPUR	FIROZPUR	S-NPP	74.73471	30.98152	13:12:00	D	5.80
325	FIROZPUR	FIROZPUR	S-NPP	74.74514	30.98764	13:12:00	D	6.40
326	FIROZPUR	FIROZPUR	S-NPP	74.66632	30.98848	13:12:00	D	3.70
327	FIROZPUR	FIROZPUR	S-NPP	74.69415	30.99802	13:12:00	D	6.50

328	FIROZPUR	FIROZPUR	S-NPP	74.69990	30.99915	13:12:00	D	6.30
329	FIROZPUR	FIROZPUR	S-NPP	74.62647	31.00113	13:12:00	D	15.90
330	FIROZPUR	FIROZPUR	S-NPP	74.69312	31.00190	13:12:00	D	9.30
331	FIROZPUR	FIROZPUR	S-NPP	74.76496	31.00374	13:12:00	D	7.60
332	FIROZPUR	FIROZPUR	S-NPP	74.62545	31.00503	13:12:00	D	13.00
333	FIROZPUR	FIROZPUR	S-NPP	74.78777	31.00821	13:12:00	D	2.60
334	FIROZPUR	FIROZPUR	S-NPP	74.79346	31.00932	13:12:00	D	11.40
335	FIROZPUR	FIROZPUR	S-NPP	74.79144	31.01704	13:12:00	D	6.60
336	FIROZPUR	FIROZPUR	S-NPP	74.77802	31.02254	13:12:00	D	3.80
337	FIROZPUR	FIROZPUR	S-NPP	74.71677	31.02690	13:12:00	D	9.30
338	FIROZPUR	FIROZPUR	S-NPP	74.80141	31.04737	13:12:00	D	4.10
339	FIROZPUR	FIROZPUR	S-NPP	74.77766	31.08298	13:12:00	D	4.70
340	FIROZPUR	FIROZPUR	S-NPP	74.80966	31.09739	13:12:00	D	7.80
341	FIROZPUR	JALALABAD	S-NPP	74.26531	30.45420	13:12:00	D	3.60
342	FIROZPUR	JALALABAD	S-NPP	74.26424	30.45821	13:12:00	D	3.60
343	FIROZPUR	JALALABAD	S-NPP	74.26623	30.46706	13:12:00	D	19.30
344	FIROZPUR	JALALABAD	S-NPP	74.18870	30.53102	13:12:00	D	9.90
345	FIROZPUR	JALALABAD	S-NPP	74.34519	30.54169	13:12:00	D	3.00
346	FIROZPUR	JALALABAD	S-NPP	74.34531	30.54173	13:12:00	D	1.80
347	FIROZPUR	JALALABAD	S-NPP	74.32117	30.61668	13:12:00	D	3.00
348	FIROZPUR	JALALABAD	S-NPP	74.33017	30.63104	13:12:00	D	12.40
349	FIROZPUR	JALALABAD	S-NPP	74.33422	30.63184	13:12:00	D	12.40
350	FIROZPUR	JALALABAD	S-NPP	74.38374	30.63743	13:12:00	D	2.50
351	FIROZPUR	JALALABAD	S-NPP	74.42495	30.64139	13:12:00	D	7.90
352	FIROZPUR	JALALABAD	S-NPP	74.38567	30.64617	13:12:00	D	4.90
353	FIROZPUR	JALALABAD	S-NPP	74.20657	30.66139	13:12:00	D	7.40
354	FIROZPUR	JALALABAD	S-NPP	74.46661	30.67455	13:12:00	D	5.90
355	FIROZPUR	JALALABAD	S-NPP	74.46651	30.67609	13:12:00	D	8.40
356	FIROZPUR	JALALABAD	S-NPP	74.21980	30.67672	13:12:00	D	2.80
357	FIROZPUR	JALALABAD	S-NPP	74.44955	30.67684	13:12:00	D	3.30

358	FIROZPUR	JALALABAD	S-NPP	74.26278	30.67692	13:12:00	D	8.70
359	FIROZPUR	JALALABAD	S-NPP	74.33986	30.69239	13:12:00	D	2.50
360	FIROZPUR	JALALABAD	S-NPP	74.34284	30.69718	13:12:00	D	2.80
361	FIROZPUR	JALALABAD	S-NPP	74.45628	30.69901	13:12:00	D	2.70
362	FIROZPUR	JALALABAD	S-NPP	74.27784	30.70097	13:12:00	D	7.00
363	FIROZPUR	JALALABAD	S-NPP	74.39006	30.71079	13:12:00	D	1.90
364	FIROZPUR	JALALABAD	S-NPP	74.30183	30.73930	13:12:00	D	9.30
365	FIROZPUR	JALALABAD	S-NPP	74.30482	30.74409	13:12:00	D	9.30
366	FIROZPUR	JALALABAD	S-NPP	74.42464	30.75515	13:12:00	D	4.80
367	FIROZPUR	JALALABAD	S-NPP	74.42862	30.75594	13:12:00	D	4.80
368	FIROZPUR	JALALABAD	S-NPP	74.35629	30.75839	13:12:00	D	9.60
369	FIROZPUR	JALALABAD	S-NPP	74.27124	30.75847	13:12:00	D	4.10
370	FIROZPUR	JALALABAD	S-NPP	74.35621	30.75892	13:12:00	D	8.20
371	FIROZPUR	JALALABAD	S-NPP	74.31681	30.76350	13:12:00	D	2.30
372	FIROZPUR	JALALABAD	S-NPP	74.27830	30.76409	13:12:00	D	9.70
373	FIROZPUR	JALALABAD	S-NPP	74.42548	30.76780	13:12:00	D	3.50
374	FIROZPUR	JALALABAD	S-NPP	74.36700	30.78200	13:12:00	D	6.90
375	FIROZPUR	JALALABAD	S-NPP	74.37101	30.78281	13:12:00	D	6.90
376	FIROZPUR	JALALABAD	S-NPP	74.36595	30.78597	13:12:00	D	8.50
377	FIROZPUR	JALALABAD	S-NPP	74.38788	30.79872	13:12:00	D	14.20
378	FIROZPUR	JALALABAD	S-NPP	74.39188	30.79952	13:12:00	D	14.20
379	FIROZPUR	ZIRA	S-NPP	75.00642	30.86420	13:12:00	D	26.00
380	FIROZPUR	ZIRA	S-NPP	75.17618	30.88077	13:12:00	D	2.20
381	FIROZPUR	ZIRA	S-NPP	75.00405	30.89591	13:12:00	D	5.60
382	FIROZPUR	ZIRA	S-NPP	75.00156	30.89597	13:12:00	D	3.00
383	FIROZPUR	ZIRA	S-NPP	75.07564	30.90248	13:12:00	D	3.40
384	FIROZPUR	ZIRA	S-NPP	75.02283	30.90416	13:12:00	D	3.90
385	FIROZPUR	ZIRA	S-NPP	75.02838	30.90525	13:12:00	D	5.40
386	FIROZPUR	ZIRA	S-NPP	74.98086	30.90801	13:12:00	D	5.30
387	FIROZPUR	ZIRA	S-NPP	74.99760	30.91128	13:12:00	D	2.80

388	FIROZPUR	ZIRA	S-NPP	75.12144	30.91420	13:12:00	D	10.80
389	FIROZPUR	ZIRA	S-NPP	75.11872	30.91492	13:12:00	D	5.80
390	FIROZPUR	ZIRA	S-NPP	75.12421	30.91600	13:12:00	D	5.80
391	FIROZPUR	ZIRA	S-NPP	74.99004	30.91785	13:12:00	D	5.80
392	FIROZPUR	ZIRA	S-NPP	75.01232	30.92220	13:12:00	D	5.60
393	FIROZPUR	ZIRA	S-NPP	74.99461	30.92277	13:12:00	D	5.80
394	FIROZPUR	ZIRA	S-NPP	75.30070	30.92829	13:12:00	D	4.20
395	FIROZPUR	ZIRA	S-NPP	74.99165	30.93425	13:12:00	D	32.90
396	FIROZPUR	ZIRA	S-NPP	75.26885	30.94206	13:12:00	D	8.20
397	FIROZPUR	ZIRA	S-NPP	75.27122	30.94465	13:12:00	D	7.70
398	FIROZPUR	ZIRA	S-NPP	75.02207	30.95220	13:12:00	D	3.60
399	FIROZPUR	ZIRA	S-NPP	74.93795	30.96009	13:12:00	D	4.10
400	FIROZPUR	ZIRA	S-NPP	74.93394	30.97544	13:12:00	D	7.20
401	FIROZPUR	ZIRA	S-NPP	74.93268	30.97601	13:12:00	D	11.20
402	FIROZPUR	ZIRA	S-NPP	74.86797	30.97895	13:12:00	D	6.90
403	FIROZPUR	ZIRA	S-NPP	74.86687	30.97916	13:12:00	D	6.20
404	FIROZPUR	ZIRA	S-NPP	74.94415	30.98142	13:12:00	D	5.40
405	FIROZPUR	ZIRA	S-NPP	74.94288	30.98206	13:12:00	D	6.90
406	FIROZPUR	ZIRA	S-NPP	74.86585	30.98301	13:12:00	D	6.20
407	FIROZPUR	ZIRA	S-NPP	74.82790	30.99173	13:12:00	D	11.10
408	FIROZPUR	ZIRA	S-NPP	74.89302	30.99240	13:12:00	D	10.60
409	FIROZPUR	ZIRA	S-NPP	74.86849	30.99566	13:12:00	D	6.20
410	FIROZPUR	ZIRA	S-NPP	75.30811	30.99923	13:12:00	D	3.30
411	FIROZPUR	ZIRA	S-NPP	75.00120	31.00561	13:12:00	D	7.70
412	FIROZPUR	ZIRA	S-NPP	74.85317	31.00884	13:12:00	D	4.20
413	FIROZPUR	ZIRA	S-NPP	75.02339	31.00996	13:12:00	D	1.90
414	FIROZPUR	ZIRA	S-NPP	74.88702	31.01546	13:12:00	D	4.60
415	FIROZPUR	ZIRA	S-NPP	75.00537	31.03452	13:12:00	D	3.10
416	FIROZPUR	ZIRA	S-NPP	74.91573	31.04122	13:12:00	D	5.10
417	FIROZPUR	ZIRA	S-NPP	74.94930	31.04773	13:12:00	D	4.60

418	FIROZPUR	ZIRA	S-NPP	74.82513	31.04790	13:12:00	D	3.10
419	FIROZPUR	ZIRA	S-NPP	74.82775	31.06055	13:12:00	D	12.70
420	FIROZPUR	ZIRA	S-NPP	74.94532	31.06305	13:12:00	D	4.00
421	FIROZPUR	ZIRA	S-NPP	74.82674	31.06441	13:12:00	D	12.70
422	FIROZPUR	ZIRA	S-NPP	74.83002	31.06496	13:12:00	D	11.80
423	FIROZPUR	ZIRA	S-NPP	74.82903	31.06882	13:12:00	D	11.80
424	FIROZPUR	ZIRA	S-NPP	74.83140	31.06935	13:12:00	D	5.60
425	FIROZPUR	ZIRA	S-NPP	74.84736	31.07645	13:12:00	D	2.20
426	FIROZPUR	ZIRA	S-NPP	74.91233	31.07682	13:12:00	D	3.20
427	FIROZPUR	ZIRA	S-NPP	74.91794	31.07789	13:12:00	D	4.70
428	FIROZPUR	ZIRA	S-NPP	74.84394	31.07986	13:12:00	D	7.80
429	FIROZPUR	ZIRA	S-NPP	74.84634	31.08030	13:12:00	D	3.70
430	FIROZPUR	ZIRA	S-NPP	75.11974	31.08460	13:12:00	D	3.50
431	FIROZPUR	ZIRA	S-NPP	75.06087	31.08926	13:12:00	D	7.10
432	FIROZPUR	ZIRA	S-NPP	75.01823	31.09710	13:12:00	D	6.60
433	FIROZPUR	ZIRA	S-NPP	74.89616	31.10631	13:12:00	D	4.00
434	FIROZPUR	ZIRA	S-NPP	74.85645	31.12274	13:12:00	D	8.60
435	FIROZPUR	ZIRA	S-NPP	74.86208	31.12384	13:12:00	D	15.20
436	FIROZPUR	ZIRA	S-NPP	74.93690	31.13038	13:12:00	D	43.20
437	FIROZPUR	ZIRA	S-NPP	74.94247	31.13147	13:12:00	D	35.10
438	GURDASPUR	BATALA	S-NPP	75.36281	31.70848	13:12:00	D	7.60
439	GURDASPUR	BATALA	S-NPP	75.46068	31.71130	13:12:00	D	2.10
440	GURDASPUR	BATALA	S-NPP	75.39331	31.71808	13:12:00	D	1.80
441	GURDASPUR	BATALA	S-NPP	75.45879	31.71868	13:12:00	D	4.70
442	GURDASPUR	BATALA	S-NPP	75.30077	31.72447	13:12:00	D	2.40
443	GURDASPUR	BATALA	S-NPP	75.31131	31.72650	13:12:00	D	4.90
444	GURDASPUR	BATALA	S-NPP	75.23240	31.73091	13:12:00	D	3.00
445	GURDASPUR	BATALA	S-NPP	75.31467	31.73494	13:12:00	D	15.10
446	GURDASPUR	BATALA	S-NPP	75.52928	31.73956	13:12:00	D	4.00
447	GURDASPUR	BATALA	S-NPP	75.32328	31.74439	13:12:00	D	8.00

448	GURDASPUR	BATALA	S-NPP	75.33380	31.74640	13:12:00	D	3.80
449	GURDASPUR	BATALA	S-NPP	75.36625	31.74870	13:12:00	D	4.90
450	GURDASPUR	BATALA	S-NPP	75.43837	31.76632	13:12:00	D	11.30
451	GURDASPUR	BATALA	S-NPP	75.33332	31.76968	13:12:00	D	4.20
452	GURDASPUR	BATALA	S-NPP	75.25363	31.77799	13:12:00	D	6.20
453	GURDASPUR	BATALA	S-NPP	75.38049	31.77862	13:12:00	D	2.70
454	GURDASPUR	BATALA	S-NPP	75.39855	31.79367	13:12:00	D	5.90
455	GURDASPUR	BATALA	S-NPP	75.27505	31.81305	13:12:00	D	4.00
456	GURDASPUR	BATALA	S-NPP	75.34958	31.82353	13:12:00	D	4.40
457	GURDASPUR	BATALA	S-NPP	75.35235	31.82382	13:12:00	D	4.30
458	GURDASPUR	BATALA	S-NPP	75.29852	31.82928	13:12:00	D	4.10
459	GURDASPUR	BATALA	S-NPP	75.31430	31.83231	13:12:00	D	6.00
460	GURDASPUR	BATALA	S-NPP	75.32481	31.83433	13:12:00	D	1.70
461	GURDASPUR	BATALA	S-NPP	75.29660	31.83671	13:12:00	D	4.10
462	GURDASPUR	BATALA	S-NPP	75.25628	31.86411	13:12:00	D	8.10
463	GURDASPUR	BATALA	S-NPP	75.26157	31.86512	13:12:00	D	8.00
464	GURDASPUR	BATALA	S-NPP	75.17133	31.90269	13:12:00	D	3.20
465	GURDASPUR	DERA BABA NANAK	S-NPP	74.93045	31.97287	13:12:00	D	4.50
466	GURDASPUR	DERA BABA NANAK	S-NPP	75.11194	32.01603	13:12:00	D	5.80
467	GURDASPUR	DERA BABA NANAK	S-NPP	74.95765	32.02170	13:12:00	D	4.70
468	GURDASPUR	DERA BABA NANAK	S-NPP	75.06421	32.02646	13:12:00	D	3.80
469	GURDASPUR	GURDASPUR	S-NPP	75.43503	31.80055	13:12:00	D	5.40
470	GURDASPUR	GURDASPUR	S-NPP	75.34481	31.84206	13:12:00	D	7.70
471	GURDASPUR	GURDASPUR	S-NPP	75.43401	31.84679	13:12:00	D	5.30
472	GURDASPUR	GURDASPUR	S-NPP	75.43110	31.84694	13:12:00	D	2.60
473	GURDASPUR	GURDASPUR	S-NPP	75.37615	31.89073	13:12:00	D	2.90
474	GURDASPUR	GURDASPUR	S-NPP	75.48078	31.90660	13:12:00	D	4.90
475	GURDASPUR	GURDASPUR	S-NPP	75.47984	31.91028	13:12:00	D	5.50
476	GURDASPUR	GURDASPUR	S-NPP	75.40310	31.93453	13:12:00	D	3.10
477	GURDASPUR	GURDASPUR	S-NPP	75.34240	31.99003	13:12:00	D	5.50

478	GURDASPUR	GURDASPUR	S-NPP	75.22954	31.99981	13:12:00	D	4.30
479	GURDASPUR	GURDASPUR	S-NPP	75.32562	32.03341	13:12:00	D	6.90
480	GURDASPUR	GURDASPUR	S-NPP	75.17822	32.04055	13:12:00	D	2.30
481	GURDASPUR	GURDASPUR	S-NPP	75.31129	32.04625	13:12:00	D	6.10
482	GURDASPUR	GURDASPUR	S-NPP	75.30945	32.04627	13:12:00	D	6.10
483	GURDASPUR	GURDASPUR	S-NPP	75.41716	32.09390	13:12:00	D	3.90
484	GURDASPUR	GURDASPUR	S-NPP	75.29695	32.09435	13:12:00	D	4.20
485	GURDASPUR	GURDASPUR	S-NPP	75.31883	32.09462	13:12:00	D	4.90
486	GURDASPUR	GURDASPUR	S-NPP	75.41621	32.09758	13:12:00	D	3.90
487	GURDASPUR	PATHANKOT	S-NPP	75.39832	32.31291	13:12:00	D	1.30
488	HOSHIARPUR	DASUYA	S-NPP	75.60452	31.62531	13:12:00	D	2.40
489	HOSHIARPUR	DASUYA	S-NPP	75.60685	31.73091	13:12:00	D	8.00
490	HOSHIARPUR	DASUYA	S-NPP	75.60592	31.73458	13:12:00	D	8.00
491	HOSHIARPUR	DASUYA	S-NPP	75.63750	31.78865	13:12:00	D	4.10
492	HOSHIARPUR	DASUYA	S-NPP	75.57987	31.80466	13:12:00	D	3.60
493	JALANDHAR	JALANDHAR II	S-NPP	75.60178	31.55158	13:12:00	D	2.60
494	JALANDHAR	JALANDHAR II	S-NPP	75.60282	31.55409	13:12:00	D	2.50
495	JALANDHAR	NAKODAR	S-NPP	75.54854	30.99426	13:12:00	D	6.60
496	JALANDHAR	NAKODAR	S-NPP	75.55118	30.99492	13:12:00	D	6.50
497	JALANDHAR	NAKODAR	S-NPP	75.50184	31.00485	13:12:00	D	3.30
498	JALANDHAR	NAKODAR	S-NPP	75.50156	31.07121	13:12:00	D	10.80
499	JALANDHAR	NAKODAR	S-NPP	75.42025	31.18888	13:12:00	D	4.00
500	JALANDHAR	NAKODAR	S-NPP	75.47746	31.19160	13:12:00	D	6.10
501	JALANDHAR	NAKODAR	S-NPP	75.48018	31.19226	13:12:00	D	15.30
502	JALANDHAR	NAKODAR	S-NPP	75.48270	31.19261	13:12:00	D	11.60
503	JALANDHAR	NAKODAR	S-NPP	75.44077	31.22753	13:12:00	D	3.10
504	JALANDHAR	NAKODAR	S-NPP	75.39566	31.23068	13:12:00	D	6.20
505	JALANDHAR	PHILLAUR	S-NPP	75.89325	31.02748	13:12:00	D	4.60
506	JALANDHAR	PHILLAUR	S-NPP	75.59045	31.04510	13:12:00	D	4.20
507	JALANDHAR	PHILLAUR	S-NPP	75.92352	31.08470	13:12:00	D	4.80

508	JALANDHAR	PHILLAUR	S-NPP	75.54404	31.09864	13:12:00	D	6.70
509	JALANDHAR	PHILLAUR	S-NPP	75.54243	31.09880	13:12:00	D	3.30
510	JALANDHAR	PHILLAUR	S-NPP	75.63963	31.10866	13:12:00	D	3.90
511	JALANDHAR	PHILLAUR	S-NPP	75.80489	31.13542	13:12:00	D	3.50
512	JALANDHAR	PHILLAUR	S-NPP	75.70111	31.13688	13:12:00	D	3.60
513	JALANDHAR	SHAHKOT	S-NPP	75.30960	31.05387	13:12:00	D	3.20
514	JALANDHAR	SHAHKOT	S-NPP	75.20884	31.09375	13:12:00	D	5.80
515	JALANDHAR	SHAHKOT	S-NPP	75.20787	31.09753	13:12:00	D	5.80
516	JALANDHAR	SHAHKOT	S-NPP	75.19410	31.10679	13:12:00	D	6.80
517	JALANDHAR	SHAHKOT	S-NPP	75.37383	31.10955	13:12:00	D	3.90
518	JALANDHAR	SHAHKOT	S-NPP	75.23299	31.11025	13:12:00	D	8.90
519	JALANDHAR	SHAHKOT	S-NPP	75.19313	31.11057	13:12:00	D	6.80
520	JALANDHAR	SHAHKOT	S-NPP	75.19215	31.11434	13:12:00	D	6.80
521	JALANDHAR	SHAHKOT	S-NPP	75.35357	31.14498	13:12:00	D	6.00
522	JALANDHAR	SHAHKOT	S-NPP	75.11745	31.14954	13:12:00	D	3.80
523	JALANDHAR	SHAHKOT	S-NPP	75.11647	31.15333	13:12:00	D	14.60
524	JALANDHAR	SHAHKOT	S-NPP	75.34779	31.17834	13:12:00	D	3.30
525	JALANDHAR	SHAHKOT	S-NPP	75.35025	31.17970	13:12:00	D	1.90
526	KAPURTHALA	BHOLATH	S-NPP	75.54274	31.57127	13:12:00	D	2.60
527	KAPURTHALA	BHOLATH	S-NPP	75.47675	31.57427	13:12:00	D	5.20
528	KAPURTHALA	BHOLATH	S-NPP	75.54414	31.58699	13:12:00	D	3.50
529	KAPURTHALA	BHOLATH	S-NPP	75.57742	31.60483	13:12:00	D	11.20
530	KAPURTHALA	BHOLATH	S-NPP	75.48902	31.61145	13:12:00	D	4.10
531	KAPURTHALA	BHOLATH	S-NPP	75.52766	31.63027	13:12:00	D	4.50
532	KAPURTHALA	KAPURTHALA	S-NPP	75.34996	31.40938	13:12:00	D	2.10
533	KAPURTHALA	KAPURTHALA	S-NPP	75.39604	31.44555	13:12:00	D	3.40
534	KAPURTHALA	KAPURTHALA	S-NPP	75.32836	31.47180	13:12:00	D	2.90
535	KAPURTHALA	PHAGWARA	S-NPP	75.71944	31.26490	13:12:00	D	2.30
536	KAPURTHALA	PHAGWARA	S-NPP	75.75748	31.28361	13:12:00	D	4.20
537	KAPURTHALA	PHAGWARA	S-NPP	75.76904	31.34334	13:12:00	D	3.80



538	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.10455	31.15500	13:12:00	D	13.10
539	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.07872	31.16593	13:12:00	D	5.40
540	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.06676	31.16760	13:12:00	D	4.40
541	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.07774	31.16973	13:12:00	D	4.50
542	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.06381	31.17900	13:12:00	D	7.00
543	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.13145	31.18406	13:12:00	D	4.30
544	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.05889	31.19800	13:12:00	D	45.10
545	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.13369	31.25447	13:12:00	D	7.20
546	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.22562	31.27230	13:12:00	D	6.50
547	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.23099	31.27335	13:12:00	D	8.70
548	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.25783	31.27854	13:12:00	D	5.00
549	LUDHIANA	JAGRAON	S-NPP	75.37743	30.63456	13:12:00	D	16.50
550	LUDHIANA	JAGRAON	S-NPP	75.62048	30.88282	13:12:00	D	6.00
551	LUDHIANA	JAGRAON	S-NPP	75.52378	30.90777	13:12:00	D	6.30
552	LUDHIANA	JAGRAON	S-NPP	75.52904	30.90877	13:12:00	D	6.30
553	LUDHIANA	JAGRAON	S-NPP	75.54721	30.92395	13:12:00	D	7.40
554	LUDHIANA	KHANNA	S-NPP	76.27046	30.71613	13:12:00	D	11.20
555	LUDHIANA	KHANNA	S-NPP	76.22811	30.74237	13:12:00	D	4.60
556	LUDHIANA	LUDHIANA WEST	S-NPP	75.70519	30.77415	13:12:00	D	6.70
557	LUDHIANA	LUDHIANA WEST	S-NPP	75.71038	30.77511	13:12:00	D	6.70
558	LUDHIANA	PAYAL	S-NPP	75.94590	30.58124	13:12:00	D	3.40
559	LUDHIANA	PAYAL	S-NPP	75.98932	30.62001	13:12:00	D	14.70
560	LUDHIANA	PAYAL	S-NPP	75.98335	30.62275	13:12:00	D	6.20
561	LUDHIANA	PAYAL	S-NPP	76.05160	30.62382	13:12:00	D	7.60
562	LUDHIANA	PAYAL	S-NPP	76.02968	30.62744	13:12:00	D	1.80
563	LUDHIANA	PAYAL	S-NPP	76.05440	30.65491	13:12:00	D	3.00
564	LUDHIANA	SAMRALA	S-NPP	76.27320	30.74686	13:12:00	D	3.80
565	LUDHIANA	SAMRALA	S-NPP	76.14847	30.80302	13:12:00	D	4.00
566	LUDHIANA	SAMRALA	S-NPP	76.26215	30.84295	13:12:00	D	6.80
567	MANSA	BUDHLADA	S-NPP	75.60334	29.76396	13:12:00	D	3.60

568	MANSA	BUDHLADA	S-NPP	75.60146	29.77154	13:12:00	D	9.00
569	MANSA	BUDHLADA	S-NPP	75.57262	29.77403	13:12:00	D	2.40
570	MANSA	BUDHLADA	S-NPP	75.55357	29.78236	13:12:00	D	3.70
571	MANSA	BUDHLADA	S-NPP	75.55619	29.78496	13:12:00	D	6.20
572	MANSA	BUDHLADA	S-NPP	75.66456	29.81112	13:12:00	D	4.90
573	MANSA	BUDHLADA	S-NPP	75.66158	29.81329	13:12:00	D	2.80
574	MANSA	BUDHLADA	S-NPP	75.66850	29.83044	13:12:00	D	9.00
575	MANSA	BUDHLADA	S-NPP	75.68977	29.83452	13:12:00	D	10.90
576	MANSA	BUDHLADA	S-NPP	75.68353	29.83727	13:12:00	D	10.90
577	MANSA	BUDHLADA	S-NPP	75.59336	29.83979	13:12:00	D	5.30
578	MANSA	BUDHLADA	S-NPP	75.65756	29.85205	13:12:00	D	5.90
579	MANSA	BUDHLADA	S-NPP	75.66007	29.86438	13:12:00	D	4.90
580	MANSA	BUDHLADA	S-NPP	75.72472	29.87271	13:12:00	D	4.00
581	MANSA	BUDHLADA	S-NPP	75.40794	29.87627	13:12:00	D	4.00
582	MANSA	BUDHLADA	S-NPP	75.58392	29.87765	13:12:00	D	2.70
583	MANSA	BUDHLADA	S-NPP	75.58298	29.88144	13:12:00	D	2.70
584	MANSA	BUDHLADA	S-NPP	75.51156	29.88534	13:12:00	D	7.40
585	MANSA	BUDHLADA	S-NPP	75.51347	29.88818	13:12:00	D	10.90
586	MANSA	BUDHLADA	S-NPP	75.64819	29.88978	13:12:00	D	8.00
587	MANSA	BUDHLADA	S-NPP	75.52429	29.89022	13:12:00	D	3.90
588	MANSA	BUDHLADA	S-NPP	75.66949	29.89380	13:12:00	D	4.50
589	MANSA	BUDHLADA	S-NPP	75.47971	29.89908	13:12:00	D	8.20
590	MANSA	BUDHLADA	S-NPP	75.61140	29.90263	13:12:00	D	3.50
591	MANSA	BUDHLADA	S-NPP	75.72070	29.91130	13:12:00	D	2.40
592	MANSA	BUDHLADA	S-NPP	75.61938	29.94978	13:12:00	D	9.90
593	MANSA	BUDHLADA	S-NPP	75.60053	29.95804	13:12:00	D	20.00
594	MANSA	BUDHLADA	S-NPP	75.56554	29.96326	13:12:00	D	3.70
595	MANSA	BUDHLADA	S-NPP	75.57091	29.96428	13:12:00	D	3.70
596	MANSA	BUDHLADA	S-NPP	75.59330	29.96458	13:12:00	D	3.40
597	MANSA	BUDHLADA	S-NPP	75.57533	29.96908	13:12:00	D	5.80

598	MANSA	BUDHLADA	S-NPP	75.64292	29.98979	13:12:00	D	3.80
599	MANSA	BUDHLADA	S-NPP	75.64199	29.99356	13:12:00	D	3.80
600	MANSA	BUDHLADA	S-NPP	75.63290	30.00763	13:12:00	D	3.50
601	MANSA	BUDHLADA	S-NPP	75.65419	30.01162	13:12:00	D	9.50
602	MANSA	BUDHLADA	S-NPP	75.61695	30.03912	13:12:00	D	3.80
603	MANSA	MANSA	S-NPP	75.44424	29.90419	13:12:00	D	3.10
604	MANSA	MANSA	S-NPP	75.43142	29.90971	13:12:00	D	15.20
605	MANSA	MANSA	S-NPP	75.47211	29.92951	13:12:00	D	31.00
606	MANSA	MANSA	S-NPP	75.42923	29.94125	13:12:00	D	8.20
607	MANSA	MANSA	S-NPP	75.43917	29.94714	13:12:00	D	4.30
608	MANSA	MANSA	S-NPP	75.48714	29.96026	13:12:00	D	5.90
609	MANSA	MANSA	S-NPP	75.41158	29.96585	13:12:00	D	6.00
610	MANSA	MANSA	S-NPP	75.59311	30.02268	13:12:00	D	3.60
611	MANSA	MANSA	S-NPP	75.35430	30.02443	13:12:00	D	5.00
612	MANSA	MANSA	S-NPP	75.50506	30.03744	13:12:00	D	3.30
613	MANSA	MANSA	S-NPP	75.48696	30.04191	13:12:00	D	6.10
614	MANSA	MANSA	S-NPP	75.26182	30.04685	13:12:00	D	4.30
615	MANSA	MANSA	S-NPP	75.26999	30.06046	13:12:00	D	6.30
616	MANSA	MANSA	S-NPP	75.26846	30.06064	13:12:00	D	6.60
617	MANSA	MANSA	S-NPP	75.48030	30.06846	13:12:00	D	4.20
618	MANSA	MANSA	S-NPP	75.44043	30.06885	13:12:00	D	3.50
619	MANSA	MANSA	S-NPP	75.34822	30.07130	13:12:00	D	7.80
620	MANSA	MANSA	S-NPP	75.34650	30.07192	13:12:00	D	5.20
621	MANSA	MANSA	S-NPP	75.47934	30.07226	13:12:00	D	4.20
622	MANSA	MANSA	S-NPP	75.47298	30.07502	13:12:00	D	6.00
623	MANSA	MANSA	S-NPP	75.47839	30.07605	13:12:00	D	6.00
624	MANSA	MANSA	S-NPP	75.36822	30.08309	13:12:00	D	7.60
625	MANSA	MANSA	S-NPP	75.37193	30.08489	13:12:00	D	5.40
626	MANSA	MANSA	S-NPP	75.30224	30.08734	13:12:00	D	4.60
627	MANSA	MANSA	S-NPP	75.34983	30.08761	13:12:00	D	13.80

628	MANSA	MANSA	S-NPP	75.38831	30.08808	13:12:00	D	3.40
629	MANSA	MANSA	S-NPP	75.34813	30.08825	13:12:00	D	14.30
630	MANSA	MANSA	S-NPP	75.45194	30.09092	13:12:00	D	5.10
631	MANSA	MANSA	S-NPP	75.38915	30.09103	13:12:00	D	4.20
632	MANSA	MANSA	S-NPP	75.40466	30.09127	13:12:00	D	7.30
633	MANSA	MANSA	S-NPP	75.45000	30.09213	13:12:00	D	5.70
634	MANSA	MANSA	S-NPP	75.55284	30.09410	13:12:00	D	11.40
635	MANSA	MANSA	S-NPP	75.40553	30.09412	13:12:00	D	6.60
636	MANSA	MANSA	S-NPP	75.57333	30.10192	13:12:00	D	5.70
637	MANSA	MANSA	S-NPP	75.43182	30.10305	13:12:00	D	2.30
638	MANSA	MANSA	S-NPP	75.42992	30.10416	13:12:00	D	10.10
639	MANSA	MANSA	TERRA-1	75.47598	30.10468	11:32:00	D	14.88
640	MANSA	MANSA	S-NPP	75.54154	30.10991	13:12:00	D	13.40
641	MANSA	MANSA	S-NPP	75.51490	30.11071	13:12:00	D	5.50
642	MANSA	MANSA	S-NPP	75.54691	30.11095	13:12:00	D	15.30
643	MANSA	MANSA	S-NPP	75.54273	30.11198	13:12:00	D	40.60
644	MANSA	MANSA	S-NPP	75.51283	30.11228	13:12:00	D	13.50
645	MANSA	MANSA	S-NPP	75.51395	30.11450	13:12:00	D	6.00
646	MANSA	MANSA	S-NPP	75.51299	30.11828	13:12:00	D	6.00
647	MANSA	MANSA	S-NPP	75.51838	30.11929	13:12:00	D	7.30
648	MANSA	MANSA	S-NPP	75.60786	30.12025	13:12:00	D	3.60
649	MANSA	MANSA	S-NPP	75.51630	30.12088	13:12:00	D	17.00
650	MANSA	MANSA	S-NPP	75.61529	30.12814	13:12:00	D	3.30
651	MANSA	MANSA	S-NPP	75.34947	30.12853	13:12:00	D	10.90
652	MANSA	MANSA	S-NPP	75.61663	30.12977	13:12:00	D	3.30
653	MANSA	MANSA	S-NPP	75.46211	30.13425	13:12:00	D	4.10
654	MANSA	MANSA	S-NPP	75.50715	30.13498	13:12:00	D	4.40
655	MANSA	MANSA	S-NPP	75.45924	30.14562	13:12:00	D	3.50
656	MANSA	MANSA	S-NPP	75.47355	30.15631	13:12:00	D	9.70
657	MANSA	MANSA	S-NPP	75.37008	30.16044	13:12:00	D	3.70

658	MANSA	MANSA	S-NPP	75.45892	30.16940	13:12:00	D	7.20
659	MANSA	SARDULGARH	S-NPP	75.31866	29.64103	13:12:00	D	3.90
660	MANSA	SARDULGARH	S-NPP	75.32002	29.64133	13:12:00	D	4.30
661	MANSA	SARDULGARH	S-NPP	75.30098	29.64161	13:12:00	D	4.10
662	MANSA	SARDULGARH	S-NPP	75.30231	29.64201	13:12:00	D	4.80
663	MANSA	SARDULGARH	S-NPP	75.31770	29.64488	13:12:00	D	5.60
664	MANSA	SARDULGARH	S-NPP	75.31905	29.64518	13:12:00	D	4.30
665	MANSA	SARDULGARH	S-NPP	75.20052	29.66662	13:12:00	D	9.70
666	MANSA	SARDULGARH	S-NPP	75.22673	29.67982	13:12:00	D	6.10
667	MANSA	SARDULGARH	S-NPP	75.27525	29.69729	13:12:00	D	5.50
668	MANSA	SARDULGARH	S-NPP	75.21621	29.69808	13:12:00	D	6.40
669	MANSA	SARDULGARH	S-NPP	75.20568	29.71635	13:12:00	D	7.10
670	MANSA	SARDULGARH	S-NPP	75.20925	29.71700	13:12:00	D	5.50
671	MANSA	SARDULGARH	S-NPP	75.23383	29.72173	13:12:00	D	3.00
672	MANSA	SARDULGARH	S-NPP	75.23732	29.72253	13:12:00	D	4.90
673	MANSA	SARDULGARH	S-NPP	75.24293	29.72364	13:12:00	D	5.90
674	MANSA	SARDULGARH	S-NPP	75.24507	29.72387	13:12:00	D	5.80
675	MANSA	SARDULGARH	S-NPP	75.37317	29.74825	13:12:00	D	12.00
676	MANSA	SARDULGARH	S-NPP	75.37075	29.74877	13:12:00	D	10.90
677	MANSA	SARDULGARH	S-NPP	75.39978	29.75731	13:12:00	D	2.10
678	MANSA	SARDULGARH	S-NPP	75.40282	29.75906	13:12:00	D	3.50
679	MANSA	SARDULGARH	S-NPP	75.33276	29.76147	13:12:00	D	6.40
680	MANSA	SARDULGARH	S-NPP	75.36930	29.76359	13:12:00	D	2.60
681	MANSA	SARDULGARH	S-NPP	75.36691	29.76410	13:12:00	D	6.00
682	MANSA	SARDULGARH	S-NPP	75.34096	29.77514	13:12:00	D	6.20
683	MANSA	SARDULGARH	S-NPP	75.31854	29.79497	13:12:00	D	3.70
684	MANSA	SARDULGARH	S-NPP	75.21490	29.81137	13:12:00	D	7.20
685	MANSA	SARDULGARH	S-NPP	75.26530	29.82103	13:12:00	D	9.90
686	MANSA	SARDULGARH	S-NPP	75.34005	29.88400	13:12:00	D	5.30
687	MANSA	SARDULGARH	S-NPP	75.34557	29.88508	13:12:00	D	6.00

688	MOGA	BAGHA PURANA	S-NPP	75.02978	30.50410	13:12:00	D	3.10
689	MOGA	BAGHA PURANA	S-NPP	75.06606	30.62888	13:12:00	D	5.10
690	MOGA	BAGHA PURANA	S-NPP	75.06571	30.65296	13:12:00	D	4.10
691	MOGA	BAGHA PURANA	S-NPP	75.06473	30.65679	13:12:00	D	4.10
692	MOGA	BAGHA PURANA	S-NPP	75.13434	30.65811	13:12:00	D	2.00
693	MOGA	BAGHA PURANA	S-NPP	74.96338	30.66157	13:12:00	D	5.50
694	MOGA	BAGHA PURANA	S-NPP	74.96671	30.66208	13:12:00	D	4.90
695	MOGA	BAGHA PURANA	S-NPP	74.96902	30.66265	13:12:00	D	5.50
696	MOGA	BAGHA PURANA	S-NPP	74.97235	30.66320	13:12:00	D	4.90
697	MOGA	BAGHA PURANA	S-NPP	74.96572	30.66594	13:12:00	D	4.90
698	MOGA	BAGHA PURANA	S-NPP	74.95711	30.67638	13:12:00	D	6.30
699	MOGA	BAGHA PURANA	S-NPP	75.18461	30.68774	13:12:00	D	32.40
700	MOGA	BAGHA PURANA	S-NPP	75.00667	30.69016	13:12:00	D	4.10
701	MOGA	BAGHA PURANA	S-NPP	74.96968	30.71928	13:12:00	D	5.60
702	MOGA	BAGHA PURANA	S-NPP	74.97530	30.72038	13:12:00	D	5.30
703	MOGA	BAGHA PURANA	S-NPP	74.96868	30.72313	13:12:00	D	5.60
704	MOGA	BAGHA PURANA	S-NPP	74.96768	30.72698	13:12:00	D	4.70
705	MOGA	BAGHA PURANA	S-NPP	74.95206	30.76437	13:12:00	D	5.40
706	MOGA	BAGHA PURANA	S-NPP	74.94988	30.76446	13:12:00	D	4.60
707	MOGA	BAGHA PURANA	S-NPP	74.95105	30.76822	13:12:00	D	5.40
708	MOGA	MOGA	S-NPP	75.36861	30.72660	13:12:00	D	3.40
709	MOGA	MOGA	S-NPP	75.15913	30.73195	13:12:00	D	5.10
710	MOGA	MOGA	S-NPP	75.15816	30.73576	13:12:00	D	5.10
711	MOGA	MOGA	S-NPP	75.14616	30.73744	13:12:00	D	11.70
712	MOGA	MOGA	S-NPP	75.14519	30.74125	13:12:00	D	11.70
713	MOGA	MOGA	S-NPP	75.15742	30.78357	13:12:00	D	3.20
714	MOGA	MOGA	S-NPP	74.97098	30.79689	13:12:00	D	13.40
715	MOGA	MOGA	S-NPP	75.11654	30.82132	13:12:00	D	3.20
716	MOGA	MOGA	S-NPP	75.05434	30.83729	13:12:00	D	3.70
717	MOGA	MOGA	S-NPP	75.19139	30.84386	13:12:00	D	8.90

718	MOGA	MOGA	S-NPP	75.00085	30.86313	13:12:00	D	26.00
719	MOGA	NIHAL SINGH WALA	S-NPP	75.29212	30.52296	13:12:00	D	4.80
720	MOGA	NIHAL SINGH WALA	S-NPP	75.37547	30.63295	13:12:00	D	34.00
721	MOGA	NIHAL SINGH WALA	S-NPP	75.37203	30.63354	13:12:00	D	16.50
722	MOGA	NIHAL SINGH WALA	S-NPP	75.24173	30.66674	13:12:00	D	19.80
723	MUKTSAR	GIDDARBAHA	S-NPP	74.62660	30.13854	13:12:00	D	6.60
724	MUKTSAR	GIDDARBAHA	S-NPP	74.57835	30.16307	13:12:00	D	3.20
725	MUKTSAR	GIDDARBAHA	S-NPP	74.70414	30.16340	13:12:00	D	5.00
726	MUKTSAR	GIDDARBAHA	S-NPP	74.70650	30.16659	13:12:00	D	4.40
727	MUKTSAR	GIDDARBAHA	S-NPP	74.60914	30.17342	13:12:00	D	9.30
728	MUKTSAR	GIDDARBAHA	S-NPP	74.67051	30.17739	13:12:00	D	4.50
729	MUKTSAR	GIDDARBAHA	S-NPP	74.60606	30.18530	13:12:00	D	3.90
730	MUKTSAR	GIDDARBAHA	S-NPP	74.63878	30.18766	13:12:00	D	12.90
731	MUKTSAR	GIDDARBAHA	S-NPP	74.59103	30.19481	13:12:00	D	4.00
732	MUKTSAR	GIDDARBAHA	S-NPP	74.58602	30.19798	13:12:00	D	6.50
733	MUKTSAR	GIDDARBAHA	S-NPP	74.59000	30.19877	13:12:00	D	6.50
734	MUKTSAR	GIDDARBAHA	S-NPP	74.58777	30.22332	13:12:00	D	18.30
735	MUKTSAR	GIDDARBAHA	S-NPP	74.63142	30.23192	13:12:00	D	3.10
736	MUKTSAR	GIDDARBAHA	S-NPP	74.60351	30.24306	13:12:00	D	7.20
737	MUKTSAR	GIDDARBAHA	S-NPP	74.58155	30.24709	13:12:00	D	2.80
738	MUKTSAR	GIDDARBAHA	S-NPP	74.55740	30.26034	13:12:00	D	3.00
739	MUKTSAR	GIDDARBAHA	S-NPP	74.55032	30.27144	13:12:00	D	2.70
740	MUKTSAR	GIDDARBAHA	S-NPP	74.55325	30.27620	13:12:00	D	2.00
741	MUKTSAR	GIDDARBAHA	S-NPP	74.60299	30.27783	13:12:00	D	3.00
742	MUKTSAR	GIDDARBAHA	S-NPP	74.65431	30.28811	13:12:00	D	3.30
743	MUKTSAR	GIDDARBAHA	S-NPP	74.71809	30.29258	13:12:00	D	14.40
744	MUKTSAR	GIDDARBAHA	S-NPP	74.71363	30.29350	13:12:00	D	8.40
745	MUKTSAR	GIDDARBAHA	S-NPP	74.55397	30.30553	13:12:00	D	2.40
746	MUKTSAR	GIDDARBAHA	S-NPP	74.59371	30.31341	13:12:00	D	4.90
747	MUKTSAR	GIDDARBAHA	S-NPP	74.51389	30.31426	13:12:00	D	3.40

748	MUKTSAR	GIDDARBAHA	S-NPP	74.55486	30.31820	13:12:00	D	4.70
749	MUKTSAR	GIDDARBAHA	S-NPP	74.55780	30.32295	13:12:00	D	4.70
750	MUKTSAR	GIDDARBAHA	S-NPP	74.56575	30.32452	13:12:00	D	7.00
751	MUKTSAR	GIDDARBAHA	S-NPP	74.55676	30.32691	13:12:00	D	9.30
752	MUKTSAR	GIDDARBAHA	S-NPP	74.54775	30.32930	13:12:00	D	5.80
753	MUKTSAR	GIDDARBAHA	S-NPP	74.55174	30.33008	13:12:00	D	9.30
754	MUKTSAR	GIDDARBAHA	S-NPP	74.52174	30.33251	13:12:00	D	12.40
755	MUKTSAR	GIDDARBAHA	S-NPP	74.54672	30.33326	13:12:00	D	7.50
756	MUKTSAR	GIDDARBAHA	S-NPP	74.55071	30.33404	13:12:00	D	12.20
757	MUKTSAR	GIDDARBAHA	S-NPP	74.69897	30.34248	13:12:00	D	5.30
758	MUKTSAR	GIDDARBAHA	S-NPP	74.53165	30.34280	13:12:00	D	4.10
759	MUKTSAR	GIDDARBAHA	S-NPP	74.69487	30.35820	13:12:00	D	3.10
760	MUKTSAR	GIDDARBAHA	S-NPP	74.60611	30.36153	13:12:00	D	2.30
761	MUKTSAR	GIDDARBAHA	S-NPP	74.64851	30.36981	13:12:00	D	2.80
762	MUKTSAR	GIDDARBAHA	S-NPP	74.65293	30.37223	13:12:00	D	5.60
763	MUKTSAR	GIDDARBAHA	S-NPP	74.68872	30.38177	13:12:00	D	5.80
764	MUKTSAR	GIDDARBAHA	S-NPP	74.68716	30.38325	13:12:00	D	9.80
765	MUKTSAR	GIDDARBAHA	S-NPP	74.58473	30.38342	13:12:00	D	2.10
766	MUKTSAR	GIDDARBAHA	S-NPP	74.68769	30.38569	13:12:00	D	5.20
767	MUKTSAR	GIDDARBAHA	S-NPP	74.64242	30.43636	13:12:00	D	49.10
768	MUKTSAR	MALAUT	S-NPP	74.61533	29.93895	13:12:00	D	5.90
769	MUKTSAR	MALAUT	S-NPP	74.51656	29.96106	13:12:00	D	5.60
770	MUKTSAR	MALAUT	S-NPP	74.48508	29.96739	13:12:00	D	6.00
771	MUKTSAR	MALAUT	S-NPP	74.48782	30.00581	13:12:00	D	1.70
772	MUKTSAR	MALAUT	S-NPP	74.51513	30.01538	13:12:00	D	6.10
773	MUKTSAR	MALAUT	S-NPP	74.51917	30.01618	13:12:00	D	6.10
774	MUKTSAR	MALAUT	S-NPP	74.66451	30.02384	13:12:00	D	3.60
775	MUKTSAR	MALAUT	S-NPP	74.66348	30.02780	13:12:00	D	3.70
776	MUKTSAR	MALAUT	S-NPP	74.56049	30.03771	13:12:00	D	5.60
777	MUKTSAR	MALAUT	S-NPP	74.55946	30.04170	13:12:00	D	2.60



778	MUKTSAR	MALAUT	TERRA-1	74.45112	30.04329	11:32:00	D	26.31
779	MUKTSAR	MALAUT	S-NPP	74.58038	30.05846	13:12:00	D	14.30
780	MUKTSAR	MALAUT	S-NPP	74.47861	30.05903	13:12:00	D	3.50
781	MUKTSAR	MALAUT	S-NPP	74.47352	30.06221	13:12:00	D	8.40
782	MUKTSAR	MALAUT	S-NPP	74.53717	30.06236	13:12:00	D	7.50
783	MUKTSAR	MALAUT	S-NPP	74.49673	30.07105	13:12:00	D	4.00
784	MUKTSAR	MALAUT	S-NPP	74.50078	30.07186	13:12:00	D	4.40
785	MUKTSAR	MALAUT	S-NPP	74.49973	30.07585	13:12:00	D	4.40
786	MUKTSAR	MALAUT	S-NPP	74.51587	30.07906	13:12:00	D	4.00
787	MUKTSAR	MALAUT	S-NPP	74.51990	30.07987	13:12:00	D	4.00
788	MUKTSAR	MALAUT	S-NPP	74.51079	30.08225	13:12:00	D	14.40
789	MUKTSAR	MALAUT	S-NPP	74.51482	30.08305	13:12:00	D	22.50
790	MUKTSAR	MALAUT	S-NPP	74.51884	30.08385	13:12:00	D	22.50
791	MUKTSAR	MALAUT	S-NPP	74.52274	30.10139	13:12:00	D	5.10
792	MUKTSAR	MALAUT	S-NPP	74.40699	30.10374	13:12:00	D	2.20
793	MUKTSAR	MALAUT	S-NPP	74.45389	30.10458	13:12:00	D	2.90
794	MUKTSAR	MALAUT	S-NPP	74.44065	30.10617	13:12:00	D	2.00
795	MUKTSAR	MALAUT	S-NPP	74.46907	30.11177	13:12:00	D	4.20
796	MUKTSAR	MALAUT	S-NPP	74.45799	30.12201	13:12:00	D	4.60
797	MUKTSAR	MALAUT	S-NPP	74.45779	30.12216	13:12:00	D	3.30
798	MUKTSAR	MALAUT	S-NPP	74.46204	30.12284	13:12:00	D	4.20
799	MUKTSAR	MALAUT	S-NPP	74.46185	30.12296	13:12:00	D	4.20
800	MUKTSAR	MALAUT	S-NPP	74.40299	30.13616	13:12:00	D	2.80
801	MUKTSAR	MALAUT	TERRA-1	74.41360	30.14211	11:32:00	D	13.31
802	MUKTSAR	MALAUT	S-NPP	74.45173	30.14599	13:12:00	D	3.90
803	MUKTSAR	MALAUT	S-NPP	74.45982	30.14762	13:12:00	D	4.10
804	MUKTSAR	MALAUT	S-NPP	74.46387	30.14843	13:12:00	D	8.80
805	MUKTSAR	MALAUT	S-NPP	74.52742	30.14865	13:12:00	D	8.40
806	MUKTSAR	MALAUT	S-NPP	74.55736	30.16304	13:12:00	D	4.70
807	MUKTSAR	MALAUT	TERRA-1	74.51933	30.21248	11:32:00	D	18.37

808	MUKTSAR	MALAUT	S-NPP	74.47824	30.23939	13:12:00	D	4.80
809	MUKTSAR	MALAUT	S-NPP	74.50346	30.24015	13:12:00	D	3.90
810	MUKTSAR	MALAUT	S-NPP	74.47837	30.24021	13:12:00	D	5.50
811	MUKTSAR	MALAUT	S-NPP	74.50352	30.24111	13:12:00	D	4.50
812	MUKTSAR	MALAUT	S-NPP	74.45512	30.24810	13:12:00	D	3.30
813	MUKTSAR	MALAUT	S-NPP	74.45603	30.26087	13:12:00	D	16.90
814	MUKTSAR	MALAUT	S-NPP	74.45991	30.27843	13:12:00	D	8.90
815	MUKTSAR	MALAUT	S-NPP	74.45677	30.29038	13:12:00	D	10.90
816	MUKTSAR	MALAUT	S-NPP	74.44765	30.29276	13:12:00	D	41.70
817	MUKTSAR	MALAUT	S-NPP	74.45169	30.29356	13:12:00	D	10.90
818	MUKTSAR	MALAUT	S-NPP	74.41212	30.29829	13:12:00	D	2.70
819	MUKTSAR	MALAUT	S-NPP	74.47482	30.30234	13:12:00	D	27.10
820	MUKTSAR	MALAUT	S-NPP	74.32730	30.34842	13:12:00	D	6.90
821	MUKTSAR	MALAUT	S-NPP	74.37409	30.36626	13:12:00	D	4.50
822	MUKTSAR	MALAUT	S-NPP	74.37303	30.37025	13:12:00	D	4.50
823	MUKTSAR	MUKTSAR	S-NPP	74.44313	30.34216	13:12:00	D	2.50
824	MUKTSAR	MUKTSAR	S-NPP	74.44417	30.34258	13:12:00	D	3.90
825	MUKTSAR	MUKTSAR	TERRA-1	74.49682	30.35351	11:32:00	D	36.61
826	MUKTSAR	MUKTSAR	S-NPP	74.38416	30.37669	13:12:00	D	5.00
827	MUKTSAR	MUKTSAR	S-NPP	74.52605	30.38416	13:12:00	D	2.90
828	MUKTSAR	MUKTSAR	S-NPP	74.44878	30.38960	13:12:00	D	2.60
829	MUKTSAR	MUKTSAR	S-NPP	74.47393	30.39044	13:12:00	D	36.60
830	MUKTSAR	MUKTSAR	S-NPP	74.46486	30.39281	13:12:00	D	2.30
831	MUKTSAR	MUKTSAR	S-NPP	74.46887	30.39361	13:12:00	D	4.50
832	MUKTSAR	MUKTSAR	S-NPP	74.47289	30.39441	13:12:00	D	4.50
833	MUKTSAR	MUKTSAR	S-NPP	74.36443	30.41899	13:12:00	D	9.10
834	MUKTSAR	MUKTSAR	S-NPP	74.31686	30.42242	13:12:00	D	3.50
835	MUKTSAR	MUKTSAR	S-NPP	74.32049	30.42295	13:12:00	D	6.80
836	MUKTSAR	MUKTSAR	S-NPP	74.32094	30.42325	13:12:00	D	3.50
837	MUKTSAR	MUKTSAR	S-NPP	74.57337	30.42686	13:12:00	D	3.10

838	MUKTSAR	MUKTSAR	S-NPP	74.42008	30.43415	13:12:00	D	13.30
839	MUKTSAR	MUKTSAR	S-NPP	74.40285	30.43496	13:12:00	D	10.90
840	MUKTSAR	MUKTSAR	S-NPP	74.58214	30.44105	13:12:00	D	6.70
841	MUKTSAR	MUKTSAR	S-NPP	74.59589	30.45204	13:12:00	D	5.40
842	MUKTSAR	MUKTSAR	S-NPP	74.44508	30.46938	13:12:00	D	4.60
843	MUKTSAR	MUKTSAR	S-NPP	74.45712	30.47180	13:12:00	D	2.40
844	MUKTSAR	MUKTSAR	S-NPP	74.40472	30.47801	13:12:00	D	5.00
845	MUKTSAR	MUKTSAR	S-NPP	74.66845	30.47864	13:12:00	D	14.00
846	MUKTSAR	MUKTSAR	S-NPP	74.48701	30.48615	13:12:00	D	3.80
847	MUKTSAR	MUKTSAR	S-NPP	74.71172	30.49390	13:12:00	D	32.20
848	MUKTSAR	MUKTSAR	S-NPP	74.71322	30.49559	13:12:00	D	23.50
849	MUKTSAR	MUKTSAR	S-NPP	74.45379	30.50038	13:12:00	D	1.60
850	MUKTSAR	MUKTSAR	S-NPP	74.39836	30.50188	13:12:00	D	2.30
851	MUKTSAR	MUKTSAR	S-NPP	74.49879	30.50518	13:12:00	D	1.70
852	MUKTSAR	MUKTSAR	S-NPP	74.52350	30.52258	13:12:00	D	3.20
853	MUKTSAR	MUKTSAR	S-NPP	74.64967	30.54340	13:12:00	D	8.00
854	MUKTSAR	MUKTSAR	S-NPP	74.50826	30.54867	13:12:00	D	10.30
855	MUKTSAR	MUKTSAR	S-NPP	74.51224	30.54945	13:12:00	D	17.50
856	MUKTSAR	MUKTSAR	S-NPP	74.56168	30.56745	13:12:00	D	1.70
857	MUKTSAR	MUKTSAR	S-NPP	74.60612	30.56787	13:12:00	D	2.40
858	MUKTSAR	MUKTSAR	S-NPP	74.65694	30.58606	13:12:00	D	11.20
859	MUKTSAR	MUKTSAR	S-NPP	74.47262	30.58834	13:12:00	D	3.30
860	MUKTSAR	MUKTSAR	S-NPP	74.60375	30.60047	13:12:00	D	3.90
861	MUKTSAR	MUKTSAR	S-NPP	74.60123	30.60166	13:12:00	D	8.80
862	MUKTSAR	MUKTSAR	S-NPP	74.55193	30.60422	13:12:00	D	4.40
863	MUKTSAR	MUKTSAR	S-NPP	74.53509	30.60501	13:12:00	D	9.70
864	MUKTSAR	MUKTSAR	S-NPP	74.53010	30.60815	13:12:00	D	7.70
865	MUKTSAR	MUKTSAR	S-NPP	74.42934	30.60888	13:12:00	D	12.60
866	MUKTSAR	MUKTSAR	S-NPP	74.56660	30.61543	13:12:00	D	9.10
867	MUKTSAR	MUKTSAR	S-NPP	74.49004	30.63343	13:12:00	D	3.50

868	MUKTSAR	MUKTSAR	S-NPP	74.59195	30.63702	13:12:00	D	2.90
869	MUKTSAR	MUKTSAR	S-NPP	74.48900	30.63738	13:12:00	D	3.50
870	NAWASHAHR	NAWASHAHR	S-NPP	76.10509	31.01718	13:12:00	D	10.80
871	NAWASHAHR	NAWASHAHR	S-NPP	76.17326	31.03360	13:12:00	D	4.30
872	NAWASHAHR	NAWASHAHR	TERRA-1	75.81874	31.21859	11:32:00	D	14.62
873	NAWASHAHR	NAWASHAHR	S-NPP	75.84088	31.26864	13:12:00	D	2.90
874	PATIALA	NABHA	S-NPP	76.20484	30.28999	13:12:00	D	4.00
875	PATIALA	NABHA	S-NPP	76.15008	30.32191	13:12:00	D	6.70
876	PATIALA	NABHA	S-NPP	76.23164	30.32923	13:12:00	D	10.40
877	PATIALA	NABHA	S-NPP	76.23662	30.33014	13:12:00	D	11.70
878	PATIALA	NABHA	S-NPP	76.14645	30.34657	13:12:00	D	3.30
879	PATIALA	NABHA	S-NPP	76.08681	30.35455	13:12:00	D	6.10
880	PATIALA	NABHA	S-NPP	76.04522	30.37365	13:12:00	D	2.20
881	PATIALA	NABHA	S-NPP	76.24645	30.38431	13:12:00	D	5.10
882	PATIALA	NABHA	S-NPP	76.24786	30.39978	13:12:00	D	10.90
883	PATIALA	NABHA	S-NPP	76.20783	30.41522	13:12:00	D	17.20
884	PATIALA	NABHA	S-NPP	76.21280	30.41613	13:12:00	D	17.20
885	PATIALA	NABHA	S-NPP	76.18617	30.41885	13:12:00	D	7.70
886	PATIALA	NABHA	S-NPP	76.22680	30.42251	13:12:00	D	12.20
887	PATIALA	NABHA	S-NPP	76.05276	30.42877	13:12:00	D	2.40
888	PATIALA	NABHA	S-NPP	76.05461	30.43063	13:12:00	D	5.10
889	PATIALA	NABHA	S-NPP	76.30666	30.43337	13:12:00	D	14.80
890	PATIALA	NABHA	S-NPP	76.31157	30.43427	13:12:00	D	14.80
891	PATIALA	NABHA	S-NPP	76.30577	30.43700	13:12:00	D	14.80
892	PATIALA	NABHA	S-NPP	76.17493	30.44347	13:12:00	D	7.30
893	PATIALA	NABHA	S-NPP	76.28837	30.44518	13:12:00	D	10.20
894	PATIALA	NABHA	S-NPP	76.29329	30.44608	13:12:00	D	33.90
895	PATIALA	NABHA	S-NPP	76.09355	30.46476	13:12:00	D	11.50
896	PATIALA	NABHA	S-NPP	76.28306	30.46695	13:12:00	D	13.20
897	PATIALA	NABHA	S-NPP	76.24583	30.47158	13:12:00	D	3.20

898	PATIALA	NABHA	S-NPP	76.31748	30.47320	13:12:00	D	16.70
899	PATIALA	NABHA	S-NPP	76.28403	30.49262	13:12:00	D	4.20
900	PATIALA	NABHA	S-NPP	76.28806	30.49716	13:12:00	D	4.20
901	PATIALA	NABHA	S-NPP	76.10694	30.51695	13:12:00	D	2.80
902	PATIALA	NABHA	S-NPP	76.16951	30.51703	13:12:00	D	15.10
903	PATIALA	NABHA	S-NPP	76.17448	30.51795	13:12:00	D	10.10
904	PATIALA	NABHA	S-NPP	76.15598	30.52978	13:12:00	D	10.40
905	PATIALA	NABHA	S-NPP	76.15508	30.53342	13:12:00	D	10.40
906	PATIALA	NABHA	S-NPP	76.31850	30.54061	13:12:00	D	2.50
907	PATIALA	NABHA	S-NPP	76.25420	30.55157	13:12:00	D	3.80
908	PATIALA	PATIALA	S-NPP	76.48495	30.13082	13:12:00	D	8.40
909	PATIALA	PATIALA	S-NPP	76.37264	30.15197	13:12:00	D	4.80
910	PATIALA	PATIALA	S-NPP	76.47138	30.16608	13:12:00	D	3.10
911	PATIALA	PATIALA	S-NPP	76.39411	30.17813	13:12:00	D	6.50
912	PATIALA	PATIALA	S-NPP	76.27959	30.18349	13:12:00	D	4.80
913	PATIALA	PATIALA	S-NPP	76.49073	30.19979	13:12:00	D	2.60
914	PATIALA	PATIALA	S-NPP	76.35590	30.20897	13:12:00	D	14.20
915	PATIALA	PATIALA	S-NPP	76.28827	30.21173	13:12:00	D	1.70
916	PATIALA	PATIALA	S-NPP	76.30220	30.21809	13:12:00	D	3.00
917	PATIALA	PATIALA	S-NPP	76.51063	30.22229	13:12:00	D	4.20
918	PATIALA	PATIALA	S-NPP	76.19573	30.22907	13:12:00	D	17.40
919	PATIALA	PATIALA	S-NPP	76.52910	30.22943	13:12:00	D	11.40
920	PATIALA	PATIALA	S-NPP	76.45601	30.23866	13:12:00	D	2.40
921	PATIALA	PATIALA	S-NPP	76.55633	30.24192	13:12:00	D	9.60
922	PATIALA	PATIALA	S-NPP	76.55546	30.24552	13:12:00	D	5.30
923	PATIALA	PATIALA	S-NPP	76.54978	30.24824	13:12:00	D	5.30
924	PATIALA	PATIALA	S-NPP	76.31313	30.25807	13:12:00	D	2.20
925	PATIALA	PATIALA	S-NPP	76.33595	30.26110	13:12:00	D	4.00
926	PATIALA	PATIALA	S-NPP	76.52130	30.26185	13:12:00	D	4.60
927	PATIALA	PATIALA	S-NPP	76.18027	30.26251	13:12:00	D	14.00

928	PATIALA	PATIALA	S-NPP	76.35961	30.26930	13:12:00	D	3.80
929	PATIALA	PATIALA	S-NPP	76.36149	30.27062	13:12:00	D	1.90
930	PATIALA	PATIALA	S-NPP	76.33331	30.27199	13:12:00	D	3.80
931	PATIALA	PATIALA	S-NPP	76.42202	30.27400	13:12:00	D	4.30
932	PATIALA	PATIALA	S-NPP	76.33244	30.27562	13:12:00	D	2.80
933	PATIALA	PATIALA	S-NPP	76.58311	30.27679	13:12:00	D	4.00
934	PATIALA	PATIALA	S-NPP	76.34630	30.28199	13:12:00	D	8.00
935	PATIALA	PATIALA	S-NPP	76.24815	30.28277	13:12:00	D	3.40
936	PATIALA	PATIALA	S-NPP	76.59666	30.28298	13:12:00	D	3.40
937	PATIALA	PATIALA	S-NPP	76.53631	30.28334	13:12:00	D	3.40
938	PATIALA	PATIALA	S-NPP	76.54819	30.29674	13:12:00	D	2.40
939	PATIALA	PATIALA	S-NPP	76.46308	30.32621	13:12:00	D	12.50
940	PATIALA	PATIALA	S-NPP	76.27042	30.34012	13:12:00	D	3.00
941	PATIALA	PATIALA	S-NPP	76.44028	30.37855	13:12:00	D	11.10
942	PATIALA	PATIALA	S-NPP	76.29263	30.38529	13:12:00	D	4.50
943	PATIALA	PATIALA	S-NPP	76.48792	30.39091	13:12:00	D	3.70
944	PATIALA	PATIALA	S-NPP	76.28014	30.39436	13:12:00	D	9.40
945	PATIALA	PATIALA	S-NPP	76.32442	30.40255	13:12:00	D	3.70
946	PATIALA	PATIALA	S-NPP	76.34490	30.40256	13:12:00	D	3.20
947	PATIALA	PATIALA	S-NPP	76.32932	30.40346	13:12:00	D	3.70
948	PATIALA	PATIALA	S-NPP	76.29807	30.40526	13:12:00	D	4.30
949	PATIALA	PATIALA	S-NPP	76.34403	30.40618	13:12:00	D	3.20
950	PATIALA	PATIALA	S-NPP	76.44898	30.41422	13:12:00	D	4.90
951	PATIALA	PATIALA	S-NPP	76.52061	30.43115	13:12:00	D	6.60
952	PATIALA	PATIALA	S-NPP	76.41374	30.43411	13:12:00	D	5.30
953	PATIALA	PATIALA	S-NPP	76.41287	30.43772	13:12:00	D	3.80
954	PATIALA	PATIALA	S-NPP	76.37613	30.44231	13:12:00	D	3.50
955	PATIALA	PATIALA	S-NPP	76.33524	30.44239	13:12:00	D	6.00
956	PATIALA	PATIALA	S-NPP	76.33436	30.44601	13:12:00	D	4.60
957	PATIALA	PATIALA	S-NPP	76.37926	30.45043	13:12:00	D	4.70

958	PATIALA	PATIALA	S-NPP	76.48782	30.46268	13:12:00	D	3.20
959	PATIALA	PATIALA	S-NPP	76.33485	30.46500	13:12:00	D	3.90
960	PATIALA	PATIALA	S-NPP	76.33397	30.46863	13:12:00	D	3.00
961	PATIALA	RAJPURA	S-NPP	76.55125	30.31609	13:12:00	D	3.30
962	PATIALA	RAJPURA	S-NPP	76.66327	30.31738	13:12:00	D	2.60
963	PATIALA	RAJPURA	S-NPP	76.64639	30.32555	13:12:00	D	3.20
964	PATIALA	RAJPURA	S-NPP	76.63273	30.33105	13:12:00	D	4.00
965	PATIALA	RAJPURA	S-NPP	76.59188	30.33479	13:12:00	D	6.00
966	PATIALA	RAJPURA	S-NPP	76.63493	30.34266	13:12:00	D	3.30
967	PATIALA	RAJPURA	S-NPP	76.62930	30.34537	13:12:00	D	3.10
968	PATIALA	RAJPURA	S-NPP	76.55706	30.35465	13:12:00	D	4.40
969	PATIALA	RAJPURA	S-NPP	76.68560	30.35936	13:12:00	D	1.90
970	PATIALA	RAJPURA	S-NPP	76.70930	30.36367	13:12:00	D	4.80
971	PATIALA	RAJPURA	S-NPP	76.65449	30.36489	13:12:00	D	6.60
972	PATIALA	RAJPURA	S-NPP	76.67657	30.37636	13:12:00	D	3.90
973	PATIALA	RAJPURA	S-NPP	76.68132	30.37722	13:12:00	D	4.30
974	PATIALA	RAJPURA	S-NPP	76.55325	30.39144	13:12:00	D	1.40
975	PATIALA	RAJPURA	S-NPP	76.59644	30.39922	13:12:00	D	5.50
976	PATIALA	RAJPURA	S-NPP	76.55065	30.40221	13:12:00	D	3.00
977	PATIALA	RAJPURA	S-NPP	76.62513	30.40438	13:12:00	D	3.40
978	PATIALA	RAJPURA	S-NPP	76.54978	30.40580	13:12:00	D	4.40
979	PATIALA	RAJPURA	S-NPP	76.59386	30.40997	13:12:00	D	4.00
980	PATIALA	RAJPURA	S-NPP	76.66327	30.41122	13:12:00	D	2.50
981	PATIALA	RAJPURA	S-NPP	76.49129	30.44830	13:12:00	D	1.50
982	PATIALA	RAJPURA	S-NPP	76.62037	30.45314	13:12:00	D	18.20
983	PATIALA	RAJPURA	S-NPP	76.73893	30.47470	13:12:00	D	10.10
984	PATIALA	RAJPURA	S-NPP	76.70248	30.48296	13:12:00	D	2.10
985	PATIALA	RAJPURA	S-NPP	76.57881	30.50162	13:12:00	D	2.70
986	PATIALA	RAJPURA	S-NPP	76.55534	30.51609	13:12:00	D	3.60
987	PATIALA	RAJPURA	S-NPP	76.55437	30.52751	13:12:00	D	3.80

988	PATIALA	RAJPURA	TERRA-1	76.65091	30.54635	11:32:00	D	18.52
989	PATIALA	RAJPURA	S-NPP	76.62388	30.57009	13:12:00	D	3.80
990	PATIALA	RAJPURA	S-NPP	76.62130	30.58080	13:12:00	D	5.60
991	PATIALA	RAJPURA	S-NPP	76.52185	30.60014	13:12:00	D	2.90
992	PATIALA	RAJPURA	S-NPP	76.55589	30.62494	13:12:00	D	6.20
993	PATIALA	SAMANA	S-NPP	76.12399	29.84609	13:12:00	D	5.00
994	PATIALA	SAMANA	S-NPP	76.16361	29.85730	13:12:00	D	4.10
995	PATIALA	SAMANA	S-NPP	76.10843	29.86635	13:12:00	D	2.80
996	PATIALA	SAMANA	S-NPP	76.02132	29.87346	13:12:00	D	16.30
997	PATIALA	SAMANA	S-NPP	76.10664	29.87374	13:12:00	D	7.30
998	PATIALA	SAMANA	S-NPP	76.02364	29.87480	13:12:00	D	6.10
999	PATIALA	SAMANA	S-NPP	76.10573	29.87742	13:12:00	D	7.30
1000	PATIALA	SAMANA	S-NPP	76.15137	29.88583	13:12:00	D	12.30
1001	PATIALA	SAMANA	S-NPP	76.00710	29.89880	13:12:00	D	5.10
1002	PATIALA	SAMANA	S-NPP	76.15218	29.91455	13:12:00	D	2.70
1003	PATIALA	SAMANA	S-NPP	75.99229	29.91541	13:12:00	D	4.90
1004	PATIALA	SAMANA	S-NPP	76.16551	29.92475	13:12:00	D	7.00
1005	PATIALA	SAMANA	S-NPP	76.17054	29.92570	13:12:00	D	13.60
1006	PATIALA	SAMANA	S-NPP	76.17380	29.93399	13:12:00	D	4.40
1007	PATIALA	SAMANA	S-NPP	76.05698	29.93527	13:12:00	D	4.80
1008	PATIALA	SAMANA	S-NPP	76.06207	29.93622	13:12:00	D	5.60
1009	PATIALA	SAMANA	S-NPP	76.00826	29.93778	13:12:00	D	8.20
1010	PATIALA	SAMANA	S-NPP	76.15569	29.96520	13:12:00	D	7.80
1011	PATIALA	SAMANA	S-NPP	76.08269	29.98250	13:12:00	D	29.00
1012	PATIALA	SAMANA	S-NPP	76.17523	30.02398	13:12:00	D	10.30
1013	PATIALA	SAMANA	S-NPP	76.09422	30.03184	13:12:00	D	9.70
1014	PATIALA	SAMANA	S-NPP	76.21001	30.05348	13:12:00	D	3.80
1015	PATIALA	SAMANA	S-NPP	76.15536	30.06248	13:12:00	D	3.20
1016	PATIALA	SAMANA	TERRA-1	76.23482	30.08522	11:32:00	D	16.76
1017	PATIALA	SAMANA	S-NPP	76.16832	30.09556	13:12:00	D	9.10



1018	PATIALA	SAMANA	S-NPP	76.14137	30.09827	13:12:00	D	7.70
1019	PATIALA	SAMANA	S-NPP	76.11938	30.10190	13:12:00	D	7.10
1020	PATIALA	SAMANA	S-NPP	76.11848	30.10558	13:12:00	D	7.10
1021	PATIALA	SAMANA	S-NPP	76.24788	30.14327	13:12:00	D	2.90
1022	PATIALA	SAMANA	S-NPP	76.11472	30.15284	13:12:00	D	1.90
1023	PATIALA	SAMANA	S-NPP	76.11382	30.15651	13:12:00	D	2.90
1024	PATIALA	SAMANA	S-NPP	76.24435	30.15788	13:12:00	D	7.90
1025	PATIALA	SAMANA	S-NPP	76.06474	30.16275	13:12:00	D	5.70
1026	PATIALA	SAMANA	S-NPP	76.05878	30.16549	13:12:00	D	4.60
1027	PATIALA	SAMANA	S-NPP	76.14221	30.16947	13:12:00	D	3.50
1028	PATIALA	SAMANA	S-NPP	76.18735	30.17785	13:12:00	D	6.60
1029	PATIALA	SAMANA	S-NPP	76.22231	30.18432	13:12:00	D	6.50
1030	PATIALA	SAMANA	S-NPP	76.21642	30.18705	13:12:00	D	6.50
1031	PATIALA	SAMANA	S-NPP	76.22141	30.18798	13:12:00	D	6.50
1032	PATIALA	SAMANA	S-NPP	76.11583	30.19143	13:12:00	D	16.90
1033	PATIALA	SAMANA	S-NPP	76.19931	30.21445	13:12:00	D	1.50
1034	PATIALA	SAMANA	S-NPP	76.21928	30.21812	13:12:00	D	2.70
1035	PATIALA	SAMANA	S-NPP	76.12788	30.22815	13:12:00	D	6.40
1036	PATIALA	SAMANA	S-NPP	76.13056	30.23023	13:12:00	D	9.70
1037	PATIALA	SAMANA	S-NPP	76.12195	30.23090	13:12:00	D	6.40
1038	PATIALA	SAMANA	S-NPP	76.11961	30.23201	13:12:00	D	7.50
1039	PATIALA	SAMANA	S-NPP	76.27799	30.23268	13:12:00	D	3.20
1040	RUPNAGAR	ANANDPUR SAHIB	S-NPP	76.53184	31.00483	13:12:00	D	2.20
1041	RUPNAGAR	ANANDPUR SAHIB	S-NPP	76.53098	31.00839	13:12:00	D	2.20
1042	RUPNAGAR	CHAMKOR SAHIB	S-NPP	76.46082	30.82975	13:12:00	D	4.30
1043	RUPNAGAR	CHAMKOR SAHIB	S-NPP	76.47262	30.85157	13:12:00	D	3.60
1044	SANGRUR	DHURI	S-NPP	75.82245	30.30088	13:12:00	D	7.60
1045	SANGRUR	DHURI	S-NPP	75.84738	30.30949	13:12:00	D	8.60
1046	SANGRUR	DHURI	S-NPP	75.85254	30.31047	13:12:00	D	4.40
1047	SANGRUR	DHURI	S-NPP	75.75977	30.31239	13:12:00	D	4.80

1048	SANGRUR	DHURI	S-NPP	75.86193	30.31613	13:12:00	D	14.10
1049	SANGRUR	DHURI	S-NPP	75.80657	30.32122	13:12:00	D	2.10
1050	SANGRUR	DHURI	S-NPP	75.76834	30.32181	13:12:00	D	8.00
1051	SANGRUR	DHURI	S-NPP	75.93982	30.32695	13:12:00	D	6.90
1052	SANGRUR	DHURI	S-NPP	75.76463	30.33670	13:12:00	D	9.70
1053	SANGRUR	DHURI	S-NPP	75.81842	30.33900	13:12:00	D	19.40
1054	SANGRUR	DHURI	S-NPP	75.68050	30.35550	13:12:00	D	5.00
1055	SANGRUR	DHURI	S-NPP	75.92741	30.35554	13:12:00	D	3.00
1056	SANGRUR	DHURI	S-NPP	75.67776	30.35560	13:12:00	D	4.20
1057	SANGRUR	DHURI	S-NPP	75.74772	30.36082	13:12:00	D	3.00
1058	SANGRUR	DHURI	S-NPP	75.98441	30.36232	13:12:00	D	20.20
1059	SANGRUR	DHURI	S-NPP	75.95203	30.36399	13:12:00	D	34.10
1060	SANGRUR	DHURI	S-NPP	75.78417	30.36761	13:12:00	D	5.00
1061	SANGRUR	DHURI	S-NPP	75.68820	30.36872	13:12:00	D	5.60
1062	SANGRUR	DHURI	S-NPP	75.75362	30.36953	13:12:00	D	5.10
1063	SANGRUR	DHURI	S-NPP	75.69072	30.36974	13:12:00	D	7.60
1064	SANGRUR	DHURI	S-NPP	75.83781	30.36981	13:12:00	D	3.20
1065	SANGRUR	DHURI	S-NPP	75.71680	30.38591	13:12:00	D	2.50
1066	SANGRUR	DHURI	S-NPP	75.81548	30.40468	13:12:00	D	3.50
1067	SANGRUR	DHURI	S-NPP	75.79870	30.42871	13:12:00	D	23.00
1068	SANGRUR	DHURI	S-NPP	75.99635	30.43116	13:12:00	D	26.00
1069	SANGRUR	DHURI	S-NPP	75.67197	30.45559	13:12:00	D	3.30
1070	SANGRUR	DHURI	S-NPP	75.93005	30.48424	13:12:00	D	7.20
1071	SANGRUR	MALERKOTLA	S-NPP	76.01231	30.42135	13:12:00	D	4.40
1072	SANGRUR	MALERKOTLA	S-NPP	76.01425	30.42300	13:12:00	D	6.80
1073	SANGRUR	MALERKOTLA	S-NPP	75.97388	30.45773	13:12:00	D	7.60
1074	SANGRUR	MALERKOTLA	S-NPP	76.01027	30.46069	13:12:00	D	2.70
1075	SANGRUR	MALERKOTLA	S-NPP	75.99523	30.50016	13:12:00	D	7.50
1076	SANGRUR	MALERKOTLA	S-NPP	75.99552	30.55209	13:12:00	D	2.40
1077	SANGRUR	MALERKOTLA	S-NPP	75.76693	30.56721	13:12:00	D	5.90

1078	SANGRUR	MALERKOTLA	S-NPP	75.74407	30.62920	13:12:00	D	11.70
1079	SANGRUR	MOONAK	S-NPP	75.96474	29.73859	13:12:00	D	5.00
1080	SANGRUR	MOONAK	S-NPP	75.95226	29.75949	13:12:00	D	4.10
1081	SANGRUR	MOONAK	S-NPP	75.95406	29.75998	13:12:00	D	3.90
1082	SANGRUR	MOONAK	S-NPP	75.89152	29.76354	13:12:00	D	3.20
1083	SANGRUR	MOONAK	S-NPP	75.96686	29.76616	13:12:00	D	3.60
1084	SANGRUR	MOONAK	S-NPP	75.96870	29.76657	13:12:00	D	2.40
1085	SANGRUR	MOONAK	S-NPP	75.98235	29.76910	13:12:00	D	5.20
1086	SANGRUR	MOONAK	S-NPP	75.98419	29.76942	13:12:00	D	4.90
1087	SANGRUR	MOONAK	S-NPP	75.97536	29.77556	13:12:00	D	3.00
1088	SANGRUR	MOONAK	S-NPP	76.03432	29.79836	13:12:00	D	6.40
1089	SANGRUR	MOONAK	S-NPP	75.87191	29.79893	13:12:00	D	2.70
1090	SANGRUR	MOONAK	S-NPP	75.91448	29.80303	13:12:00	D	1.00
1091	SANGRUR	MOONAK	S-NPP	75.90133	29.81227	13:12:00	D	6.50
1092	SANGRUR	MOONAK	S-NPP	75.83502	29.81548	13:12:00	D	7.10
1093	SANGRUR	MOONAK	S-NPP	75.97382	29.82583	13:12:00	D	14.30
1094	SANGRUR	MOONAK	S-NPP	75.97898	29.82680	13:12:00	D	10.60
1095	SANGRUR	MOONAK	S-NPP	75.93490	29.83024	13:12:00	D	3.40
1096	SANGRUR	MOONAK	S-NPP	75.80943	29.83029	13:12:00	D	8.40
1097	SANGRUR	MOONAK	S-NPP	75.81467	29.83126	13:12:00	D	16.10
1098	SANGRUR	MOONAK	S-NPP	75.84616	29.84875	13:12:00	D	17.20
1099	SANGRUR	MOONAK	S-NPP	75.84859	29.84931	13:12:00	D	17.90
1100	SANGRUR	MOONAK	S-NPP	75.87221	29.85373	13:12:00	D	7.60
1101	SANGRUR	MOONAK	S-NPP	75.87468	29.85414	13:12:00	D	5.20
1102	SANGRUR	MOONAK	S-NPP	75.79537	29.85472	13:12:00	D	8.30
1103	SANGRUR	MOONAK	S-NPP	75.86854	29.85691	13:12:00	D	6.40
1104	SANGRUR	MOONAK	S-NPP	75.87128	29.85745	13:12:00	D	7.60
1105	SANGRUR	MOONAK	S-NPP	75.87376	29.85787	13:12:00	D	5.20
1106	SANGRUR	MOONAK	S-NPP	75.79445	29.85847	13:12:00	D	8.30
1107	SANGRUR	MOONAK	S-NPP	75.85905	29.86294	13:12:00	D	2.50

1108	SANGRUR	MOONAK	S-NPP	75.91537	29.86556	13:12:00	D	4.80
1109	SANGRUR	MOONAK	S-NPP	75.77841	29.87896	13:12:00	D	9.10
1110	SANGRUR	MOONAK	S-NPP	75.86578	29.87986	13:12:00	D	3.30
1111	SANGRUR	MOONAK	S-NPP	75.78705	29.88844	13:12:00	D	1.60
1112	SANGRUR	MOONAK	S-NPP	75.85261	29.88909	13:12:00	D	3.60
1113	SANGRUR	MOONAK	S-NPP	75.89606	29.88949	13:12:00	D	9.60
1114	SANGRUR	MOONAK	S-NPP	75.84648	29.89184	13:12:00	D	3.60
1115	SANGRUR	MOONAK	S-NPP	75.89514	29.89322	13:12:00	D	9.60
1116	SANGRUR	MOONAK	S-NPP	75.81850	29.89438	13:12:00	D	2.20
1117	SANGRUR	MOONAK	S-NPP	75.94354	29.89457	13:12:00	D	7.20
1118	SANGRUR	MOONAK	S-NPP	75.94870	29.89555	13:12:00	D	7.20
1119	SANGRUR	MOONAK	S-NPP	75.87251	29.89675	13:12:00	D	12.60
1120	SANGRUR	MOONAK	S-NPP	75.79045	29.89693	13:12:00	D	6.60
1121	SANGRUR	MOONAK	S-NPP	75.79569	29.89792	13:12:00	D	6.60
1122	SANGRUR	MOONAK	S-NPP	75.81758	29.89812	13:12:00	D	3.20
1123	SANGRUR	MOONAK	S-NPP	75.91831	29.90928	13:12:00	D	6.10
1124	SANGRUR	MOONAK	S-NPP	75.89575	29.91283	13:12:00	D	2.90
1125	SANGRUR	MOONAK	S-NPP	75.91740	29.91300	13:12:00	D	6.10
1126	SANGRUR	MOONAK	S-NPP	75.85751	29.91345	13:12:00	D	8.40
1127	SANGRUR	MOONAK	S-NPP	75.85997	29.92563	13:12:00	D	10.70
1128	SANGRUR	MOONAK	S-NPP	75.86517	29.92660	13:12:00	D	10.70
1129	SANGRUR	MOONAK	S-NPP	75.88506	29.93422	13:12:00	D	12.60
1130	SANGRUR	MOONAK	S-NPP	75.85198	29.93585	13:12:00	D	10.20
1131	SANGRUR	MOONAK	S-NPP	75.84830	29.95078	13:12:00	D	7.10
1132	SANGRUR	MOONAK	S-NPP	75.89512	29.95946	13:12:00	D	17.30
1133	SANGRUR	MOONAK	S-NPP	75.90031	29.96042	13:12:00	D	17.30
1134	SANGRUR	MOONAK	S-NPP	75.89670	29.96350	13:12:00	D	53.50
1135	SANGRUR	MOONAK	S-NPP	75.89939	29.96414	13:12:00	D	17.30
1136	SANGRUR	MOONAK	S-NPP	75.81412	29.96727	13:12:00	D	5.40
1137	SANGRUR	MOONAK	S-NPP	75.86008	29.97992	13:12:00	D	15.00

1138	SANGRUR	SANGRUR	S-NPP	75.65054	30.14281	13:12:00	D	8.10
1139	SANGRUR	SANGRUR	S-NPP	75.64664	30.14325	13:12:00	D	10.60
1140	SANGRUR	SANGRUR	S-NPP	75.65645	30.16361	13:12:00	D	8.60
1141	SANGRUR	SANGRUR	S-NPP	75.69151	30.17815	13:12:00	D	2.90
1142	SANGRUR	SANGRUR	S-NPP	76.05009	30.17928	13:12:00	D	5.40
1143	SANGRUR	SANGRUR	S-NPP	76.04919	30.18296	13:12:00	D	4.90
1144	SANGRUR	SANGRUR	S-NPP	75.61620	30.19137	13:12:00	D	3.80
1145	SANGRUR	SANGRUR	S-NPP	75.92860	30.19546	13:12:00	D	2.20
1146	SANGRUR	SANGRUR	S-NPP	75.92664	30.19555	13:12:00	D	3.90
1147	SANGRUR	SANGRUR	S-NPP	75.96852	30.19962	13:12:00	D	4.00
1148	SANGRUR	SANGRUR	S-NPP	75.61870	30.20365	13:12:00	D	5.10
1149	SANGRUR	SANGRUR	S-NPP	76.03268	30.20687	13:12:00	D	2.80
1150	SANGRUR	SANGRUR	S-NPP	75.65392	30.21814	13:12:00	D	2.90
1151	SANGRUR	SANGRUR	S-NPP	75.93656	30.22067	13:12:00	D	14.30
1152	SANGRUR	SANGRUR	S-NPP	75.94681	30.22260	13:12:00	D	7.20
1153	SANGRUR	SANGRUR	S-NPP	75.71281	30.22529	13:12:00	D	12.20
1154	SANGRUR	SANGRUR	S-NPP	75.78882	30.22785	13:12:00	D	3.20
1155	SANGRUR	SANGRUR	S-NPP	76.13290	30.24217	13:12:00	D	4.20
1156	SANGRUR	SANGRUR	S-NPP	76.13792	30.24311	13:12:00	D	4.20
1157	SANGRUR	SANGRUR	S-NPP	76.14347	30.26330	13:12:00	D	4.60
1158	SANGRUR	SANGRUR	S-NPP	76.14758	30.26790	13:12:00	D	7.10
1159	SANGRUR	SANGRUR	S-NPP	76.15260	30.26883	13:12:00	D	7.10
1160	SANGRUR	SANGRUR	S-NPP	76.08871	30.27228	13:12:00	D	5.50
1161	SANGRUR	SANGRUR	TERRA-1	75.97016	30.27446	11:32:00	D	20.08
1162	SANGRUR	SANGRUR	S-NPP	75.78812	30.27449	13:12:00	D	2.60
1163	SANGRUR	SANGRUR	S-NPP	75.91775	30.27522	13:12:00	D	5.40
1164	SANGRUR	SANGRUR	S-NPP	75.79075	30.27538	13:12:00	D	4.80
1165	SANGRUR	SANGRUR	S-NPP	75.98697	30.27647	13:12:00	D	10.90
1166	SANGRUR	SANGRUR	S-NPP	75.91169	30.27797	13:12:00	D	5.40
1167	SANGRUR	SANGRUR	S-NPP	75.99716	30.27836	13:12:00	D	5.20

1168	SANGRUR	SANGRUR	S-NPP	75.89866	30.28717	13:12:00	D	6.50
1169	SANGRUR	SANGRUR	S-NPP	75.89588	30.28766	13:12:00	D	6.90
1170	SANGRUR	SANGRUR	S-NPP	75.89774	30.29087	13:12:00	D	6.50
1171	SANGRUR	SANGRUR	S-NPP	75.90011	30.29234	13:12:00	D	7.70
1172	SANGRUR	SANGRUR	S-NPP	75.81728	30.29990	13:12:00	D	4.50
1173	SANGRUR	SANGRUR	S-NPP	76.05534	30.30066	13:12:00	D	3.70
1174	SANGRUR	SANGRUR	S-NPP	76.09753	30.30076	13:12:00	D	4.50
1175	SANGRUR	SANGRUR	S-NPP	76.02729	30.30703	13:12:00	D	2.80
1176	SANGRUR	SANGRUR	S-NPP	76.03889	30.32453	13:12:00	D	3.00
1177	SANGRUR	SANGRUR	S-NPP	75.87553	30.32645	13:12:00	D	4.10
1178	SANGRUR	SANGRUR	S-NPP	75.89095	30.32935	13:12:00	D	2.60
1179	SANGRUR	SANGRUR	S-NPP	76.03493	30.32945	13:12:00	D	4.00
1180	SANGRUR	SANGRUR	S-NPP	76.04000	30.33040	13:12:00	D	7.60
1181	SANGRUR	SANGRUR	S-NPP	75.98204	30.35032	13:12:00	D	10.30
1182	SANGRUR	SUNAM	S-NPP	75.67262	29.95994	13:12:00	D	8.00
1183	SANGRUR	SUNAM	S-NPP	75.93743	29.96341	13:12:00	D	47.30
1184	SANGRUR	SUNAM	S-NPP	75.80889	29.96628	13:12:00	D	5.40
1185	SANGRUR	SUNAM	S-NPP	75.93377	29.96668	13:12:00	D	3.10
1186	SANGRUR	SUNAM	S-NPP	75.73512	29.97576	13:12:00	D	5.20
1187	SANGRUR	SUNAM	S-NPP	75.94650	29.98076	13:12:00	D	3.50
1188	SANGRUR	SUNAM	S-NPP	75.94925	29.98112	13:12:00	D	3.60
1189	SANGRUR	SUNAM	S-NPP	75.98014	29.98680	13:12:00	D	6.00
1190	SANGRUR	SUNAM	S-NPP	75.98528	29.98775	13:12:00	D	8.30
1191	SANGRUR	SUNAM	S-NPP	75.65981	29.98904	13:12:00	D	10.60
1192	SANGRUR	SUNAM	S-NPP	75.65888	29.99281	13:12:00	D	14.70
1193	SANGRUR	SUNAM	S-NPP	75.76823	29.99773	13:12:00	D	2.90
1194	SANGRUR	SUNAM	S-NPP	75.81963	30.01133	13:12:00	D	5.50
1195	SANGRUR	SUNAM	S-NPP	75.72581	30.01327	13:12:00	D	5.50
1196	SANGRUR	SUNAM	S-NPP	75.73635	30.01525	13:12:00	D	5.20
1197	SANGRUR	SUNAM	S-NPP	76.00170	30.01834	13:12:00	D	6.10

1198	SANGRUR	SUNAM	S-NPP	75.69568	30.02334	13:12:00	D	6.10
1199	SANGRUR	SUNAM	S-NPP	75.97758	30.02930	13:12:00	D	6.80
1200	SANGRUR	SUNAM	S-NPP	75.99295	30.03218	13:12:00	D	5.70
1201	SANGRUR	SUNAM	S-NPP	75.72644	30.03301	13:12:00	D	17.60
1202	SANGRUR	SUNAM	S-NPP	75.72314	30.03591	13:12:00	D	4.50
1203	SANGRUR	SUNAM	S-NPP	75.72550	30.03676	13:12:00	D	6.00
1204	SANGRUR	SUNAM	S-NPP	75.72839	30.03692	13:12:00	D	7.90
1205	SANGRUR	SUNAM	S-NPP	75.90517	30.03905	13:12:00	D	7.10
1206	SANGRUR	SUNAM	S-NPP	75.86096	30.04247	13:12:00	D	9.40
1207	SANGRUR	SUNAM	S-NPP	75.86616	30.04344	13:12:00	D	11.70
1208	SANGRUR	SUNAM	TERRA-1	75.84432	30.05527	11:32:00	D	34.03
1209	SANGRUR	SUNAM	S-NPP	75.94884	30.05883	13:12:00	D	1.60
1210	SANGRUR	SUNAM	S-NPP	75.77099	30.06469	13:12:00	D	29.80
1211	SANGRUR	SUNAM	S-NPP	75.94702	30.06624	13:12:00	D	6.90
1212	SANGRUR	SUNAM	S-NPP	75.72097	30.06690	13:12:00	D	5.00
1213	SANGRUR	SUNAM	S-NPP	75.72778	30.08389	13:12:00	D	12.90
1214	SANGRUR	SUNAM	S-NPP	75.81521	30.08484	13:12:00	D	5.50
1215	SANGRUR	SUNAM	S-NPP	75.79772	30.08933	13:12:00	D	9.30
1216	SANGRUR	SUNAM	S-NPP	75.91636	30.09234	13:12:00	D	3.80
1217	SANGRUR	SUNAM	S-NPP	75.71354	30.09688	13:12:00	D	9.90
1218	SANGRUR	SUNAM	S-NPP	75.85495	30.10016	13:12:00	D	3.30
1219	SANGRUR	SUNAM	S-NPP	75.99420	30.10321	13:12:00	D	4.00
1220	SANGRUR	SUNAM	S-NPP	75.98216	30.10868	13:12:00	D	3.00
1221	SANGRUR	SUNAM	S-NPP	75.66381	30.11894	13:12:00	D	4.60
1222	SANGRUR	SUNAM	S-NPP	75.76200	30.14515	13:12:00	D	3.40
1223	SANGRUR	SUNAM	S-NPP	75.93024	30.14540	13:12:00	D	1.80
1224	SANGRUR	SUNAM	S-NPP	75.73392	30.14774	13:12:00	D	5.60
1225	SANGRUR	SUNAM	S-NPP	75.73756	30.14775	13:12:00	D	4.90
1226	SANGRUR	SUNAM	S-NPP	75.81422	30.15487	13:12:00	D	6.10
1227	SANGRUR	SUNAM	S-NPP	75.78630	30.15748	13:12:00	D	3.50

1228	SANGRUR	SUNAM	S-NPP	75.78368	30.16051	13:12:00	D	9.20
1229	SANGRUR	SUNAM	S-NPP	75.78537	30.16121	13:12:00	D	3.50
1230	SANGRUR	SUNAM	S-NPP	75.74924	30.18913	13:12:00	D	10.10
1231	SAS NAGAR	DERABASSI	S-NPP	76.89677	30.37912	13:12:00	D	3.80
1232	SAS NAGAR	DERABASSI	S-NPP	76.81149	30.45824	13:12:00	D	2.20
1233	SBS NAGAR	KHARAR	S-NPP	76.51665	30.62164	13:12:00	D	4.00
1234	SBS NAGAR	KHARAR	S-NPP	76.59458	30.74117	13:12:00	D	2.60
1235	SBS NAGAR	KHARAR	S-NPP	76.55436	30.75337	13:12:00	D	3.20
1236	TARN TARAN	KHADOOR SAHIB	S-NPP	75.00784	31.22993	13:12:00	D	6.80
1237	TARN TARAN	KHADOOR SAHIB	S-NPP	75.01945	31.25217	13:12:00	D	3.50
1238	TARN TARAN	KHADOOR SAHIB	S-NPP	75.00546	31.26144	13:12:00	D	5.30
1239	TARN TARAN	KHADOOR SAHIB	S-NPP	74.91235	31.28350	13:12:00	D	5.70
1240	TARN TARAN	KHADOOR SAHIB	S-NPP	75.10421	31.32421	13:12:00	D	17.40
1241	TARN TARAN	KHADOOR SAHIB	S-NPP	74.81801	31.34221	13:12:00	D	3.00
1242	TARN TARAN	KHADOOR SAHIB	S-NPP	74.94829	31.35951	13:12:00	D	5.30
1243	TARN TARAN	KHADOOR SAHIB	S-NPP	74.99852	31.38919	13:12:00	D	3.70
1244	TARN TARAN	KHADOOR SAHIB	S-NPP	74.75557	31.39524	13:12:00	D	5.00
1245	TARN TARAN	KHADOOR SAHIB	S-NPP	74.98451	31.39846	13:12:00	D	7.00
1246	TARN TARAN	KHADOOR SAHIB	S-NPP	74.95493	31.40077	13:12:00	D	2.00
1247	TARN TARAN	KHADOOR SAHIB	S-NPP	74.98352	31.40226	13:12:00	D	6.30
1248	TARN TARAN	KHADOOR SAHIB	S-NPP	75.14931	31.42603	13:12:00	D	10.80
1249	TARN TARAN	KHADOOR SAHIB	TERRA-1	74.67792	31.42969	11:32:00	D	12.34
1250	TARN TARAN	KHADOOR SAHIB	S-NPP	75.14833	31.42980	13:12:00	D	10.80
1251	TARN TARAN	KHADOOR SAHIB	S-NPP	74.88956	31.44571	13:12:00	D	4.10
1252	TARN TARAN	KHADOOR SAHIB	S-NPP	74.65577	31.45667	13:12:00	D	8.60
1253	TARN TARAN	KHADOOR SAHIB	S-NPP	74.68894	31.46715	13:12:00	D	8.10
1254	TARN TARAN	KHADOOR SAHIB	S-NPP	75.17623	31.46972	13:12:00	D	9.80
1255	TARN TARAN	KHADOOR SAHIB	S-NPP	75.17733	31.47083	13:12:00	D	10.60
1256	TARN TARAN	KHADOOR SAHIB	S-NPP	74.80755	31.50270	13:12:00	D	5.50
1257	TARN TARAN	KHADOOR SAHIB	S-NPP	74.80908	31.50640	13:12:00	D	8.90



1258	TARN TARAN	KHADOOR SAHIB	S-NPP	74.80656	31.50653	13:12:00	D	5.30
1259	TARN TARAN	PATTI	S-NPP	74.58727	31.09445	13:12:00	D	6.40
1260	TARN TARAN	PATTI	S-NPP	74.71314	31.12315	13:12:00	D	7.70
1261	TARN TARAN	PATTI	S-NPP	74.58794	31.13060	13:12:00	D	14.60
1262	TARN TARAN	PATTI	S-NPP	74.58968	31.13179	13:12:00	D	15.10
1263	TARN TARAN	PATTI	S-NPP	74.59445	31.13681	13:12:00	D	4.90
1264	TARN TARAN	PATTI	S-NPP	74.59849	31.13681	13:12:00	D	3.40
1265	TARN TARAN	PATTI	S-NPP	74.52253	31.14627	13:12:00	D	19.20
1266	TARN TARAN	PATTI	S-NPP	74.64653	31.14688	13:12:00	D	7.70
1267	TARN TARAN	PATTI	S-NPP	74.64365	31.14992	13:12:00	D	30.90
1268	TARN TARAN	PATTI	S-NPP	74.64551	31.15077	13:12:00	D	25.00
1269	TARN TARAN	PATTI	S-NPP	74.74132	31.15300	13:12:00	D	3.50
1270	TARN TARAN	PATTI	S-NPP	74.85767	31.16333	13:12:00	D	4.40
1271	TARN TARAN	PATTI	S-NPP	74.89796	31.16707	13:12:00	D	8.30
1272	TARN TARAN	PATTI	S-NPP	74.73518	31.16813	13:12:00	D	4.30
1273	TARN TARAN	PATTI	S-NPP	74.74556	31.17425	13:12:00	D	3.90
1274	TARN TARAN	PATTI	S-NPP	74.72646	31.17859	13:12:00	D	4.80
1275	TARN TARAN	PATTI	S-NPP	74.70058	31.18567	13:12:00	D	3.10
1276	TARN TARAN	PATTI	S-NPP	74.71201	31.18793	13:12:00	D	3.20
1277	TARN TARAN	PATTI	S-NPP	74.79566	31.18822	13:12:00	D	3.70
1278	TARN TARAN	PATTI	S-NPP	74.72344	31.19019	13:12:00	D	5.70
1279	TARN TARAN	PATTI	S-NPP	74.74992	31.20352	13:12:00	D	6.00
1280	TARN TARAN	PATTI	S-NPP	74.87447	31.20376	13:12:00	D	3.20
1281	TARN TARAN	PATTI	S-NPP	74.85664	31.20428	13:12:00	D	7.20
1282	TARN TARAN	PATTI	S-NPP	74.54991	31.20505	13:12:00	D	2.30
1283	TARN TARAN	PATTI	S-NPP	74.81786	31.21685	13:12:00	D	4.60
1284	TARN TARAN	PATTI	S-NPP	74.78762	31.21902	13:12:00	D	6.50
1285	TARN TARAN	PATTI	S-NPP	74.64353	31.21927	13:12:00	D	4.70
1286	TARN TARAN	PATTI	S-NPP	74.81686	31.22069	13:12:00	D	4.40
1287	TARN TARAN	PATTI	S-NPP	74.57587	31.22241	13:12:00	D	4.50

1288	TARN TARAN	PATTI	S-NPP	74.64251	31.22315	13:12:00	D	4.70
1289	TARN TARAN	PATTI	S-NPP	74.58747	31.22467	13:12:00	D	4.80
1290	TARN TARAN	PATTI	S-NPP	74.53877	31.23826	13:12:00	D	2.90
1291	TARN TARAN	PATTI	S-NPP	74.54058	31.24011	13:12:00	D	4.60
1292	TARN TARAN	PATTI	S-NPP	74.81747	31.24100	13:12:00	D	12.70
1293	TARN TARAN	PATTI	S-NPP	74.70152	31.25089	13:12:00	D	4.90
1294	TARN TARAN	PATTI	S-NPP	74.57731	31.25416	13:12:00	D	9.60
1295	TARN TARAN	PATTI	S-NPP	74.57897	31.27085	13:12:00	D	9.50
1296	TARN TARAN	PATTI	S-NPP	74.60784	31.27658	13:12:00	D	5.10
1297	TARN TARAN	PATTI	TERRA-1	74.64722	31.27698	11:32:00	D	8.72
1298	TARN TARAN	PATTI	S-NPP	74.67408	31.27748	13:12:00	D	7.30
1299	TARN TARAN	PATTI	S-NPP	74.67307	31.28134	13:12:00	D	7.30
1300	TARN TARAN	PATTI	S-NPP	74.74100	31.28283	13:12:00	D	9.60
1301	TARN TARAN	PATTI	S-NPP	74.74442	31.28329	13:12:00	D	5.40
1302	TARN TARAN	PATTI	S-NPP	74.56227	31.28800	13:12:00	D	4.70
1303	TARN TARAN	PATTI	S-NPP	74.64504	31.29616	13:12:00	D	6.10
1304	TARN TARAN	PATTI	S-NPP	74.67061	31.31339	13:12:00	D	14.40
1305	TARN TARAN	PATTI	S-NPP	74.66959	31.31725	13:12:00	D	4.80
1306	TARN TARAN	PATTI	S-NPP	74.74664	31.32018	13:12:00	D	5.60
1307	TARN TARAN	PATTI	S-NPP	74.66183	31.32387	13:12:00	D	7.20
1308	TARN TARAN	PATTI	S-NPP	74.58772	31.32976	13:12:00	D	17.20
1309	TARN TARAN	PATTI	S-NPP	74.76060	31.33505	13:12:00	D	4.30
1310	TARN TARAN	PATTI	S-NPP	74.66245	31.34431	13:12:00	D	3.70
1311	TARN TARAN	PATTI	S-NPP	74.66817	31.34542	13:12:00	D	8.30
1312	TARN TARAN	PATTI	S-NPP	74.56419	31.34968	13:12:00	D	2.00
1313	TARN TARAN	PATTI	S-NPP	74.76077	31.37953	13:12:00	D	4.70
1314	TARN TARAN	PATTI	S-NPP	74.75960	31.37987	13:12:00	D	3.30
1315	TARN TARAN	PATTI	S-NPP	74.72366	31.38082	13:12:00	D	4.30
1316	TARN TARAN	PATTI	S-NPP	74.69324	31.38290	13:12:00	D	8.00
1317	TARN TARAN	PATTI	S-NPP	74.69425	31.38291	13:12:00	D	12.70

1318	TARN TARAN	PATTI	S-NPP	74.73507	31.38670	13:12:00	D	5.00
1319	TARN TARAN	PATTI	S-NPP	74.73397	31.38692	13:12:00	D	5.10
1320	TARN TARAN	PATTI	S-NPP	74.69690	31.39173	13:12:00	D	4.40
1321	TARN TARAN	PATTI	S-NPP	74.62597	31.41023	13:12:00	D	8.80

**Details of residue burning events in Haryana on 29-Oct-2018**

<b>Event S. No.</b>	<b>District</b>	<b>Tehsil/Block</b>	<b>Satellite</b>	<b>Longitude</b>	<b>Latitude</b>	<b>Time (IST)</b>	<b>Day/Night</b>	<b>Fire Power (W/m<sup>2</sup>)</b>
1	AMBALA	AMBALA	S-NPP	76.67422	30.18020	13:12:00	D	9.10
2	AMBALA	AMBALA	S-NPP	76.90440	30.24736	13:12:00	D	3.20
3	AMBALA	AMBALA	S-NPP	76.90356	30.25090	13:12:00	D	4.40
4	AMBALA	AMBALA	S-NPP	76.62885	30.27383	13:12:00	D	4.20
5	AMBALA	AMBALA	S-NPP	76.73056	30.28475	13:12:00	D	3.80
6	AMBALA	AMBALA	S-NPP	76.72971	30.28831	13:12:00	D	3.80
7	AMBALA	AMBALA	S-NPP	76.73430	30.38308	13:12:00	D	3.30
8	AMBALA	BARARA	S-NPP	77.09361	30.18177	13:12:00	D	2.90
9	AMBALA	BARARA	S-NPP	77.09659	30.18363	13:12:00	D	2.80
10	AMBALA	BARARA	S-NPP	77.06437	30.18384	13:12:00	D	2.20
11	AMBALA	NARAYANGARH	S-NPP	77.05025	30.35300	13:12:00	D	2.30
12	BHIWANI	BAWANI_KHERA	S-NPP	76.10693	29.00492	13:12:00	D	1.60
13	FARIDABAD	HODAL	S-NPP	77.44052	27.94230	13:12:00	D	4.80
14	FARIDABAD	HODAL	S-NPP	77.43042	27.94423	13:12:00	D	3.60
15	FARIDABAD	HODAL	S-NPP	77.43810	27.95302	13:12:00	D	4.60
16	FARIDABAD	HODAL	S-NPP	77.43938	27.95460	13:12:00	D	10.70
17	FARIDABAD	HODAL	S-NPP	77.43729	27.95660	13:12:00	D	6.00
18	FATEHABAD	FATEHABAD	S-NPP	75.41648	29.49782	13:12:00	D	3.10
19	FATEHABAD	FATEHABAD	S-NPP	75.72755	29.50571	13:12:00	D	7.20
20	FATEHABAD	FATEHABAD	S-NPP	75.48047	29.54217	13:12:00	D	19.00
21	FATEHABAD	FATEHABAD	S-NPP	75.48596	29.54321	13:12:00	D	19.30
22	FATEHABAD	FATEHABAD	S-NPP	75.51691	29.55708	13:12:00	D	3.50

23	FATEHABAD	FATEHABAD	S-NPP	75.73999	29.59113	13:12:00	D	2.30
24	FATEHABAD	RATIA	S-NPP	75.55118	29.59324	13:12:00	D	3.90
25	FATEHABAD	RATIA	S-NPP	75.63431	29.66881	13:12:00	D	8.40
26	FATEHABAD	RATIA	S-NPP	75.38496	29.67814	13:12:00	D	19.30
27	FATEHABAD	RATIA	S-NPP	75.48211	29.68093	13:12:00	D	16.90
28	FATEHABAD	RATIA	S-NPP	75.46381	29.68540	13:12:00	D	2.20
29	FATEHABAD	RATIA	S-NPP	75.41132	29.71136	13:12:00	D	3.90
30	FATEHABAD	RATIA	S-NPP	75.44400	29.74166	13:12:00	D	11.10
31	FATEHABAD	RATIA	S-NPP	75.63838	29.75871	13:12:00	D	4.20
32	FATEHABAD	RATIA	S-NPP	75.44277	29.76944	13:12:00	D	3.60
33	FATEHABAD	RATIA	S-NPP	75.44086	29.77708	13:12:00	D	3.50
34	FATEHABAD	RATIA	S-NPP	75.43832	29.77801	13:12:00	D	5.80
35	FATEHABAD	TOHANA	S-NPP	75.70072	29.64971	13:12:00	D	5.20
36	FATEHABAD	TOHANA	S-NPP	75.87257	29.67052	13:12:00	D	8.40
37	FATEHABAD	TOHANA	S-NPP	75.79967	29.67636	13:12:00	D	6.60
38	FATEHABAD	TOHANA	S-NPP	75.80218	29.68863	13:12:00	D	5.20
39	FATEHABAD	TOHANA	S-NPP	75.70110	29.69327	13:12:00	D	8.10
40	FATEHABAD	TOHANA	S-NPP	75.88091	29.70342	13:12:00	D	3.70
41	FATEHABAD	TOHANA	S-NPP	75.77547	29.70721	13:12:00	D	9.20
42	FATEHABAD	TOHANA	S-NPP	75.84396	29.72001	13:12:00	D	16.20
43	FATEHABAD	TOHANA	S-NPP	75.84305	29.72376	13:12:00	D	10.70
44	FATEHABAD	TOHANA	S-NPP	75.82635	29.72457	13:12:00	D	3.40
45	FATEHABAD	TOHANA	S-NPP	75.82385	29.72710	13:12:00	D	3.50
46	FATEHABAD	TOHANA	S-NPP	75.83867	29.73387	13:12:00	D	5.70
47	FATEHABAD	TOHANA	S-NPP	75.84026	29.73500	13:12:00	D	6.80
48	FATEHABAD	TOHANA	S-NPP	75.74888	29.74026	13:12:00	D	3.10
49	FATEHABAD	TOHANA	TERRA-1	75.88354	29.74386	11:32:00	D	13.77
50	FATEHABAD	TOHANA	S-NPP	75.79205	29.74458	13:12:00	D	6.20
51	FATEHABAD	TOHANA	S-NPP	75.79112	29.74833	13:12:00	D	6.20
52	FATEHABAD	TOHANA	S-NPP	75.75546	29.78089	13:12:00	D	4.60
53	FATEHABAD	TOHANA	S-NPP	75.79147	29.79162	13:12:00	D	30.70

54	HISAR	HISAR	S-NPP	75.86246	29.25923	01:54:00	N	0.50
55	JIND	JIND	S-NPP	76.40525	29.44258	13:12:00	D	5.60
56	JIND	JIND	S-NPP	76.49205	29.51193	13:12:00	D	4.70
57	JIND	NARWANA	S-NPP	76.05680	29.67034	13:12:00	D	3.30
58	JIND	NARWANA	S-NPP	76.05864	29.67377	13:12:00	D	6.80
59	JIND	NARWANA	S-NPP	76.05590	29.67405	13:12:00	D	3.30
60	JIND	NARWANA	S-NPP	76.05499	29.67776	13:12:00	D	7.20
61	JIND	NARWANA	S-NPP	76.06165	29.69454	13:12:00	D	4.10
62	KAITHAL	GUHLA	S-NPP	76.43346	29.90327	13:12:00	D	2.20
63	KAITHAL	GUHLA	S-NPP	76.40360	29.92059	13:12:00	D	13.70
64	KAITHAL	GUHLA	S-NPP	76.20486	29.93596	13:12:00	D	3.80
65	KAITHAL	GUHLA	S-NPP	76.21835	29.98829	13:12:00	D	3.50
66	KAITHAL	GUHLA	S-NPP	76.27154	30.00572	13:12:00	D	14.10
67	KAITHAL	GUHLA	S-NPP	76.29113	30.08383	13:12:00	D	5.10
68	KAITHAL	GUHLA	S-NPP	76.28936	30.09112	13:12:00	D	4.10
69	KAITHAL	GUHLA	S-NPP	76.39476	30.10294	13:12:00	D	14.20
70	KAITHAL	GUHLA	S-NPP	76.23750	30.11210	13:12:00	D	7.70
71	KAITHAL	GUHLA	S-NPP	76.22485	30.12124	13:12:00	D	6.40
72	KAITHAL	GUHLA	S-NPP	76.43044	30.12464	13:12:00	D	3.00
73	KAITHAL	GUHLA	S-NPP	76.22121	30.14592	13:12:00	D	3.60
74	KAITHAL	GUHLA	S-NPP	76.41942	30.14911	13:12:00	D	2.50
75	KAITHAL	GUHLA	S-NPP	76.40700	30.15820	13:12:00	D	6.10
76	KAITHAL	KAITHAL	S-NPP	76.53885	29.71950	13:12:00	D	5.60
77	KAITHAL	KAITHAL	S-NPP	76.22876	29.81423	13:12:00	D	9.80
78	KAITHAL	KAITHAL	S-NPP	76.23147	29.81616	13:12:00	D	17.50
79	KAITHAL	KAITHAL	S-NPP	76.27531	29.85119	13:12:00	D	3.80
80	KAITHAL	KAITHAL	S-NPP	76.28030	29.85212	13:12:00	D	14.60
81	KAITHAL	KAITHAL	S-NPP	76.30112	29.85216	13:12:00	D	4.80
82	KAITHAL	KAITHAL	S-NPP	76.28439	29.85671	13:12:00	D	14.60
83	KAITHAL	KAITHAL	S-NPP	76.28351	29.86036	13:12:00	D	3.00
84	KAITHAL	KAITHAL	S-NPP	76.43149	29.86874	13:12:00	D	5.80

85	KAITHAL	KAITHAL	S-NPP	76.55787	29.87321	13:12:00	D	2.90
86	KAITHAL	KAITHAL	S-NPP	76.55992	29.87417	13:12:00	D	1.90
87	KAITHAL	KAITHAL	S-NPP	76.36235	29.92066	13:12:00	D	6.80
88	KARNAL	ASSANDH	S-NPP	76.55792	29.49355	13:12:00	D	5.70
89	KARNAL	ASSANDH	S-NPP	76.64334	29.59198	13:12:00	D	8.50
90	KARNAL	ASSANDH	S-NPP	76.64819	29.59287	13:12:00	D	8.50
91	KARNAL	ASSANDH	S-NPP	76.70376	29.65569	13:12:00	D	2.60
92	KARNAL	GHARAUNDA	S-NPP	77.03200	29.57561	13:12:00	D	6.50
93	KARNAL	KARNAL	S-NPP	76.72245	29.71152	13:12:00	D	3.50
94	KURUKSHETRA	PEHOWA	S-NPP	76.54404	29.93105	13:12:00	D	3.50
95	KURUKSHETRA	PEHOWA	S-NPP	76.46741	30.02637	13:12:00	D	3.30
96	KURUKSHETRA	PEHOWA	S-NPP	76.65247	30.03378	13:12:00	D	0.90
97	KURUKSHETRA	PEHOWA	S-NPP	76.60372	30.06996	13:12:00	D	8.10
98	KURUKSHETRA	PEHOWA	S-NPP	76.57788	30.07281	13:12:00	D	6.70
99	KURUKSHETRA	THANESAR	S-NPP	77.08386	30.04655	13:12:00	D	3.80
100	KURUKSHETRA	THANESAR	S-NPP	76.90355	30.07930	13:12:00	D	5.90
101	SIRSA	ELLENABAD	S-NPP	74.72357	29.44302	13:12:00	D	2.20
102	SIRSA	ELLENABAD	S-NPP	74.64488	29.50699	13:12:00	D	4.90
103	SIRSA	ELLENABAD	S-NPP	74.64363	29.50704	13:12:00	D	5.60
104	SIRSA	ELLENABAD	S-NPP	74.63578	29.50937	13:12:00	D	7.00
105	SIRSA	SIRSA	S-NPP	74.94683	29.48322	13:12:00	D	9.20
106	SIRSA	SIRSA	S-NPP	75.23699	29.50366	13:12:00	D	3.50
107	SIRSA	SIRSA	S-NPP	75.23903	29.50427	13:12:00	D	3.90
108	SIRSA	SIRSA	S-NPP	75.24467	29.50535	13:12:00	D	3.90
109	SIRSA	SIRSA	S-NPP	75.24826	29.50588	13:12:00	D	13.10
110	SIRSA	SIRSA	S-NPP	75.27984	29.54457	13:12:00	D	4.50
111	SIRSA	SIRSA	S-NPP	75.22529	29.73225	13:12:00	D	6.00
112	SIRSA	SIRSA	S-NPP	75.22881	29.73302	13:12:00	D	3.70
113	SIRSA	SIRSA	S-NPP	75.22430	29.73611	13:12:00	D	6.00
114	SIRSA	SIRSA	S-NPP	75.22784	29.73689	13:12:00	D	6.50
115	SIRSA	SIRSA	S-NPP	74.94010	29.87140	13:12:00	D	18.10

116	SONIPAT	SONIPAT	S-NPP	77.07243	28.90075	01:54:00	N	0.30
117	YAMUNANAGAR	CHHACHHRAULII	S-NPP	77.48151	30.29427	13:12:00	D	2.80
118	YAMUNANAGAR	JAGADHRI	S-NPP	77.15317	30.19248	13:12:00	D	1.80
119	YAMUNANAGAR	JAGADHRI	S-NPP	77.37292	30.19556	13:12:00	D	2.30
120	YAMUNANAGAR	JAGADHRI	S-NPP	77.12537	30.20947	13:12:00	D	7.20
121	YAMUNANAGAR	JAGADHRI	S-NPP	77.27882	30.22226	13:12:00	D	2.80
122	YAMUNANAGAR	JAGADHRI	S-NPP	77.32314	30.23378	13:12:00	D	1.80
123	YAMUNANAGAR	JAGADHRI	S-NPP	77.23666	30.30218	13:12:00	D	2.70
124	YAMUNANAGAR	JAGADHRI	S-NPP	77.39278	30.36260	13:12:00	D	3.00

**Details of residue burning events in Uttar Pradesh on 29-Oct-2018**

Event S. No.	District	Tehsil/Block	Satellite	Longitude	Latitude	Time (IST)	Day/Night	Fire Power (W/m <sup>2</sup> )
1	ALIGARH	ATRAULI	S-NPP	78.31503	27.96744	13:12:00	D	3.80
2	ALIGARH	GABHANA	S-NPP	78.03754	28.06861	13:12:00	D	2.20
3	AMBEDKARNAGAR	TANDA	S-NPP	82.74615	26.42970	13:12:00	D	2.10
4	AURAIYA	BIDHUNA	S-NPP	79.51140	26.69537	13:12:00	D	2.20
5	BAHRAICH	BAHRAICH	S-NPP	81.66673	27.65284	13:12:00	D	3.10
6	BAHRAICH	KAISARGANJ	S-NPP	81.46760	27.38989	13:12:00	D	3.30
7	BAHRAICH	NANPARA	S-NPP	81.63333	27.77236	13:12:00	D	2.20
8	BAHRAICH	NANPARA	S-NPP	81.64053	27.77682	13:12:00	D	3.20
9	BAHRAICH	NANPARA	S-NPP	81.60170	27.85622	13:12:00	D	5.00
10	BAHRAICH	NANPARA	S-NPP	81.46856	27.85948	13:12:00	D	3.60
11	BALLIA	RASRA	S-NPP	83.79934	25.88275	13:12:00	D	2.80
12	BANDA	BANDA	S-NPP	80.38679	25.66825	13:12:00	D	0.80
13	BARABANKI	FATEHPUR	S-NPP	81.23514	27.07728	13:12:00	D	3.10
14	BARABANKI	FATEHPUR	S-NPP	81.14317	27.18501	13:12:00	D	4.30
15	BARABANKI	Haidargarh	S-NPP	81.41660	26.78646	13:12:00	D	5.70
16	BARABANKI	Haidargarh	S-NPP	81.40767	26.79191	13:12:00	D	2.90

17	BARABANKI	NAWABGANJ	S-NPP	81.29291	26.79155	13:12:00	D	3.50
18	BARABANKI	NAWABGANJ	S-NPP	81.23019	26.80921	13:12:00	D	5.70
19	BARABANKI	NAWABGANJ	S-NPP	81.26931	26.81175	13:12:00	D	8.40
20	BARABANKI	NAWABGANJ	S-NPP	81.29070	26.84556	13:12:00	D	2.90
21	BARABANKI	NAWABGANJ	S-NPP	81.40776	26.87660	13:12:00	D	3.30
22	BARABANKI	NAWABGANJ	S-NPP	81.32187	26.89082	13:12:00	D	3.20
23	BARABANKI	NAWABGANJ	S-NPP	81.32572	26.89141	13:12:00	D	3.20
24	BARABANKI	NAWABGANJ	S-NPP	81.28779	26.98693	13:12:00	D	6.70
25	BARABANKI	NAWABGANJ	S-NPP	81.25196	27.00869	13:12:00	D	1.50
26	BARABANKI	RAMSANEHIGHAT	S-NPP	81.41816	26.82066	13:12:00	D	1.90
27	BAREILLY	BAHERI	S-NPP	79.66365	28.80096	13:12:00	D	2.30
28	BAREILLY	BAHERI	S-NPP	79.46081	28.82340	13:12:00	D	2.00
29	BAREILLY	BAHERI	S-NPP	79.44406	28.82416	13:12:00	D	8.10
30	BAREILLY	BAHERI	S-NPP	79.65216	28.83687	13:12:00	D	1.60
31	BAREILLY	BAHERI	S-NPP	79.43242	28.84446	13:12:00	D	2.80
32	BAREILLY	BAHERI	S-NPP	79.48473	28.84790	13:12:00	D	9.50
33	BAREILLY	BAHERI	S-NPP	79.48123	28.84894	13:12:00	D	5.70
34	BAREILLY	BAHERI	S-NPP	79.48524	28.84958	13:12:00	D	5.70
35	BAREILLY	BAHERI	S-NPP	79.66537	28.85270	13:12:00	D	3.30
36	BAREILLY	BAHERI	S-NPP	79.47115	28.85763	13:12:00	D	2.00
37	BAREILLY	BAHERI	S-NPP	79.52789	28.86337	13:12:00	D	2.20
38	BAREILLY	BAHERI	S-NPP	79.51120	28.86412	13:12:00	D	2.10
39	BAREILLY	BAREILLY	S-NPP	79.41695	28.59231	13:12:00	D	2.50
40	BAREILLY	NAWABGANJ	S-NPP	79.65372	28.52507	13:12:00	D	4.00
41	BASTI	BASTI	S-NPP	82.96249	26.70005	13:12:00	D	1.00
42	BASTI	BHANPUR	S-NPP	82.59688	27.06334	13:12:00	D	3.20
43	BIJNOR	AFZALGARH	S-NPP	78.73738	29.41682	13:12:00	D	1.30
44	BIJNOR	NAJIBABAD	S-NPP	78.27560	29.68456	01:54:00	N	0.30
45	BULANSAHAR	KHURJA	S-NPP	77.94849	28.13070	01:54:00	N	0.30
46	BULANSAHAR	KHURJA	S-NPP	77.80974	28.23897	13:12:00	D	2.60
47	FATEHPUR	BINKI	S-NPP	80.56486	25.98762	13:12:00	D	1.70



48	FATEHPUR	FATEHPUR	S-NPP	80.72968	25.85487	13:12:00	D	1.70
49	FATEHPUR	FATEHPUR	S-NPP	80.86666	25.96789	13:12:00	D	1.30
50	FATEHPUR	FATEHPUR	S-NPP	80.71983	25.96879	13:12:00	D	2.40
51	GONDA	MANKAPUR	S-NPP	82.44678	27.05926	13:12:00	D	2.10
52	GONDA	MANKAPUR	S-NPP	82.49641	27.10067	13:12:00	D	2.30
53	HARDOI	HARDOI	S-NPP	80.20501	27.28681	13:12:00	D	3.10
54	HARDOI	HARDOI	S-NPP	80.20761	27.29407	13:12:00	D	2.00
55	HARDOI	HARDOI	S-NPP	79.95876	27.40442	13:12:00	D	2.20
56	HARDOI	HARDOI	S-NPP	80.29762	27.43064	13:12:00	D	10.90
57	HARDOI	SHAHABAD	S-NPP	79.89204	27.55925	13:12:00	D	4.30
58	HARDOI	SHAHABAD	S-NPP	79.89599	27.55988	13:12:00	D	4.10
59	HARDOI	SHAHABAD	S-NPP	79.90256	27.56781	13:12:00	D	3.40
60	HARDOI	SHAHABAD	S-NPP	79.88137	27.59192	13:12:00	D	1.00
61	HARDOI	SHAHABAD	S-NPP	80.07807	27.64584	13:12:00	D	2.50
62	HARDOI	SIWAJIPUR	S-NPP	79.88624	27.25658	13:12:00	D	1.50
63	KANPUR DEHAT	AKBARPUR	S-NPP	80.07722	26.36749	13:12:00	D	4.70
64	KAUSHAMBI	MANJHANPUR	S-NPP	81.29999	25.42221	13:12:00	D	2.50
65	KAUSHAMBI	SIRATHU	S-NPP	81.24683	25.57968	13:12:00	D	2.10
66	KAUSHAMBI	SIRATHU	S-NPP	81.28972	25.74880	13:12:00	D	3.20
67	KHERI	DHAURAHRA	S-NPP	81.04772	28.11821	13:12:00	D	1.90
68	KHERI	GOLA	S-NPP	80.32522	28.19720	13:12:00	D	2.90
69	KHERI	GOLA	S-NPP	80.42237	28.23613	13:12:00	D	1.50
70	KHERI	LAKHIMPUR	S-NPP	80.70042	28.06878	13:12:00	D	10.20
71	KHERI	LAKHIMPUR	S-NPP	80.70432	28.06938	13:12:00	D	10.20
72	KHERI	MOHMADI	S-NPP	80.39500	27.73690	13:12:00	D	1.50
73	KHERI	MOHMADI	S-NPP	80.12070	27.92093	13:12:00	D	1.10
74	KHERI	MOHMADI	S-NPP	80.14617	27.95571	13:12:00	D	3.00
75	KHERI	MOHMADI	S-NPP	80.21240	28.03380	13:12:00	D	2.00
76	KHERI	MOHMADI	S-NPP	80.29918	28.08492	13:12:00	D	9.10
77	KHERI	PALIA KALAN	S-NPP	80.46885	28.34848	13:12:00	D	5.10
78	LACKNOW	MOHANLAL GANJ	S-NPP	81.10294	26.74904	13:12:00	D	3.90

79	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.51134	27.07741	13:12:00	D	3.00
80	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.50280	27.18421	13:12:00	D	3.50
81	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.66663	27.18670	13:12:00	D	3.30
82	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.56264	27.18866	13:12:00	D	1.10
83	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.53183	27.19161	13:12:00	D	3.40
84	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.54030	27.19274	13:12:00	D	3.90
85	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.54916	27.24338	13:12:00	D	3.00
86	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.56190	27.24510	13:12:00	D	1.50
87	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.57291	27.25720	13:12:00	D	3.40
88	MAHARAJGANJ	NAUTANWA	S-NPP	83.31969	27.22623	13:12:00	D	7.50
89	MAHARAJGANJ	NAUTANWA	S-NPP	83.51275	27.36017	13:12:00	D	5.30
90	MAHARAJGANJ	NAUTANWA	S-NPP	83.63554	27.41377	13:12:00	D	10.30
91	MAHARAJGANJ	NAUTANWA	S-NPP	83.55075	27.42378	13:12:00	D	4.50
92	MAHARAJGANJ	NAUTANWA	S-NPP	83.68054	27.43391	13:12:00	D	3.70
93	MAHARAJGANJ	NAUTANWA	S-NPP	83.55408	27.45608	13:12:00	D	4.30
94	MAHARAJGANJ	NICHLAUL	S-NPP	83.68982	27.12599	13:12:00	D	2.90
95	MAHARAJGANJ	NICHLAUL	S-NPP	83.62772	27.26814	13:12:00	D	2.60
96	MAHARAJGANJ	NICHLAUL	S-NPP	83.68904	27.29417	13:12:00	D	4.40
97	MAHARAJGANJ	NICHLAUL	S-NPP	83.68847	27.29764	13:12:00	D	4.40
98	MAHARAJGANJ	NICHLAUL	S-NPP	83.69591	27.30576	13:12:00	D	0.70
99	MAINPURI	BHOGAON	S-NPP	79.15958	27.06785	13:12:00	D	2.00
100	MATHURA	CHHATA	S-NPP	77.49457	27.57334	13:12:00	D	3.60
101	MATHURA	CHHATA	S-NPP	77.48832	27.57968	13:12:00	D	4.20
102	MATHURA	CHHATA	S-NPP	77.52628	27.58274	13:12:00	D	3.90
103	MATHURA	CHHATA	S-NPP	77.48751	27.58326	13:12:00	D	4.20
104	MATHURA	CHHATA	S-NPP	77.52547	27.58632	13:12:00	D	4.10
105	MATHURA	CHHATA	S-NPP	77.49343	27.62158	13:12:00	D	2.80
106	MATHURA	CHHATA	S-NPP	77.45601	27.63735	13:12:00	D	3.00
107	MATHURA	CHHATA	S-NPP	77.45734	27.63807	13:12:00	D	5.60
108	MATHURA	CHHATA	S-NPP	77.47466	27.64063	13:12:00	D	7.20
109	MATHURA	CHHATA	S-NPP	77.47595	27.64144	13:12:00	D	4.10

110	MATHURA	CHHATA	S-NPP	77.47819	27.65303	13:12:00	D	2.30
111	MATHURA	CHHATA	S-NPP	77.51148	27.65531	13:12:00	D	2.90
112	MATHURA	CHHATA	S-NPP	77.44321	27.65791	13:12:00	D	4.70
113	MATHURA	CHHATA	S-NPP	77.50445	27.66521	13:12:00	D	5.40
114	MATHURA	CHHATA	S-NPP	77.50365	27.66879	13:12:00	D	5.30
115	MATHURA	CHHATA	S-NPP	77.50829	27.66962	13:12:00	D	5.30
116	MATHURA	CHHATA	S-NPP	77.44771	27.68112	13:12:00	D	3.30
117	MATHURA	CHHATA	S-NPP	77.43677	27.68662	13:12:00	D	9.80
118	MATHURA	CHHATA	S-NPP	77.40855	27.70400	13:12:00	D	6.50
119	MATHURA	CHHATA	S-NPP	77.41792	27.70566	13:12:00	D	2.80
120	MATHURA	CHHATA	S-NPP	77.44206	27.70622	13:12:00	D	27.30
121	MATHURA	CHHATA	S-NPP	77.44127	27.70981	13:12:00	D	7.40
122	MATHURA	CHHATA	S-NPP	77.45524	27.71229	13:12:00	D	2.70
123	MATHURA	CHHATA	S-NPP	77.45990	27.71312	13:12:00	D	2.70
124	MATHURA	CHHATA	S-NPP	77.44046	27.71340	13:12:00	D	7.40
125	MATHURA	CHHATA	S-NPP	77.43499	27.71616	13:12:00	D	19.90
126	MATHURA	CHHATA	S-NPP	77.43965	27.71698	13:12:00	D	19.90
127	MATHURA	CHHATA	S-NPP	77.36148	27.71808	13:12:00	D	3.10
128	MATHURA	CHHATA	S-NPP	77.43886	27.72057	13:12:00	D	19.90
129	MATHURA	CHHATA	S-NPP	77.56340	27.72403	13:12:00	D	3.20
130	MATHURA	CHHATA	S-NPP	77.39271	27.73108	13:12:00	D	4.10
131	MATHURA	CHHATA	S-NPP	77.38950	27.73125	13:12:00	D	3.70
132	MATHURA	CHHATA	S-NPP	77.39191	27.73467	13:12:00	D	4.10
133	MATHURA	CHHATA	S-NPP	77.53171	27.73698	13:12:00	D	4.20
134	MATHURA	CHHATA	S-NPP	77.53091	27.74055	13:12:00	D	5.10
135	MATHURA	CHHATA	S-NPP	77.51624	27.74168	13:12:00	D	2.90
136	MATHURA	CHHATA	S-NPP	77.47672	27.74588	13:12:00	D	7.20
137	MATHURA	CHHATA	S-NPP	77.47803	27.74730	13:12:00	D	8.50
138	MATHURA	CHHATA	S-NPP	77.48601	27.74751	13:12:00	D	2.70
139	MATHURA	CHHATA	S-NPP	77.48267	27.74814	13:12:00	D	8.50
140	MATHURA	CHHATA	S-NPP	77.47591	27.74946	13:12:00	D	7.20

141	MATHURA	CHHATA	S-NPP	77.35492	27.75492	13:12:00	D	5.10
142	MATHURA	CHHATA	S-NPP	77.35961	27.75577	13:12:00	D	8.40
143	MATHURA	CHHATA	S-NPP	77.40337	27.75619	13:12:00	D	6.80
144	MATHURA	CHHATA	S-NPP	77.35410	27.75852	13:12:00	D	2.40
145	MATHURA	CHHATA	S-NPP	77.39708	27.76253	13:12:00	D	4.10
146	MATHURA	CHHATA	S-NPP	77.41577	27.76589	13:12:00	D	6.10
147	MATHURA	CHHATA	S-NPP	77.41029	27.76864	13:12:00	D	4.70
148	MATHURA	CHHATA	S-NPP	77.41496	27.76948	13:12:00	D	9.90
149	MATHURA	CHHATA	S-NPP	77.41946	27.79268	13:12:00	D	3.30
150	MATHURA	CHHATA	S-NPP	77.51010	27.79770	13:12:00	D	4.10
151	MATHURA	CHHATA	S-NPP	77.49142	27.81666	13:12:00	D	6.20
152	MATHURA	CHHATA	S-NPP	77.49605	27.81748	13:12:00	D	6.20
153	MATHURA	CHHATA	S-NPP	77.50226	27.86042	13:12:00	D	3.00
154	MATHURA	CHHATA	S-NPP	77.51871	27.91532	13:12:00	D	2.40
155	MATHURA	MAT	S-NPP	77.75786	27.72256	01:54:00	N	0.80
156	MATHURA	MAT	S-NPP	77.63538	27.85691	13:12:00	D	2.10
157	MATHURA	MATHURA	S-NPP	77.49551	27.54740	13:12:00	D	3.90
158	MATHURA	MATHURA	S-NPP	77.49392	27.55457	13:12:00	D	1.70
159	MATHURA	MATHURA	S-NPP	77.45504	27.55504	13:12:00	D	5.90
160	MATHURA	MATHURA	S-NPP	77.45891	27.55947	13:12:00	D	4.10
161	MEERUT	MAWANA	S-NPP	78.08352	28.92454	13:12:00	D	2.40
162	PILHIBHIT	BISALPUR	S-NPP	79.98498	28.23875	13:12:00	D	3.90
163	PILHIBHIT	BISALPUR	S-NPP	79.97248	28.24020	13:12:00	D	2.80
164	PILHIBHIT	BISALPUR	S-NPP	79.93748	28.35318	13:12:00	D	1.80
165	PILHIBHIT	PILHIBHIT	S-NPP	79.88261	28.75107	13:12:00	D	2.70
166	PILHIBHIT	PILHIBHIT	S-NPP	79.92151	28.76064	13:12:00	D	12.40
167	PILHIBHIT	PILHIBHIT	S-NPP	79.85017	28.76989	13:12:00	D	3.70
168	PILHIBHIT	PILHIBHIT	S-NPP	79.81044	28.78414	13:12:00	D	2.50
169	PILHIBHIT	PILHIBHIT	S-NPP	79.83563	28.86261	13:12:00	D	1.10
170	PILHIBHIT	PURANPUR	S-NPP	80.15752	28.32979	13:12:00	D	2.10
171	PILHIBHIT	PURANPUR	S-NPP	80.04330	28.37329	13:12:00	D	2.60

172	PILHIBHIT	PURANPUR	S-NPP	80.06828	28.49274	13:12:00	D	2.60
173	PILHIBHIT	PURANPUR	S-NPP	80.05775	28.50475	13:12:00	D	1.20
174	PILHIBHIT	PURANPUR	S-NPP	80.06515	28.51170	13:12:00	D	2.10
175	PILHIBHIT	PURANPUR	S-NPP	80.06909	28.51232	13:12:00	D	2.10
176	PILHIBHIT	PURANPUR	S-NPP	80.02103	28.54915	13:12:00	D	1.50
177	PILHIBHIT	PURANPUR	S-NPP	80.00460	28.54998	13:12:00	D	4.50
178	PILHIBHIT	PURANPUR	S-NPP	80.07486	28.56445	13:12:00	D	3.90
179	PILHIBHIT	PURANPUR	S-NPP	80.08008	28.57893	13:12:00	D	1.50
180	PILHIBHIT	PURANPUR	S-NPP	80.13380	28.61464	13:12:00	D	1.50
181	PILHIBHIT	PURANPUR	S-NPP	80.00728	28.65907	13:12:00	D	2.70
182	PILHIBHIT	PURANPUR	S-NPP	80.02305	28.66156	13:12:00	D	11.80
183	PRATAPGARH	PATTI	S-NPP	82.10973	25.75405	13:12:00	D	2.00
184	RAIBEARELI	MAHARAJGANG	S-NPP	81.23220	26.50183	13:12:00	D	1.90
185	RAIBEARELI	RAEBARELI	S-NPP	81.10148	26.33594	13:12:00	D	2.10
186	RAIBEARELI	SALON	S-NPP	81.46660	25.96187	13:12:00	D	2.00
187	RAIBEARELI	SALON	S-NPP	81.48985	26.00614	13:12:00	D	3.70
188	RAIBEARELI	TILOI	S-NPP	81.48255	26.29952	13:12:00	D	2.60
189	RAIBEARELI	TILOI	S-NPP	81.49429	26.49400	13:12:00	D	1.20
190	RAMPUR	BILASPUR	S-NPP	79.28770	28.79546	13:12:00	D	6.00
191	RAMPUR	BILASPUR	S-NPP	79.31580	28.82074	13:12:00	D	0.80
192	RAMPUR	BILASPUR	S-NPP	79.31644	28.82209	13:12:00	D	2.00
193	RAMPUR	BILASPUR	S-NPP	79.19468	28.86446	13:12:00	D	2.90
194	RAMPUR	BILASPUR	S-NPP	79.21883	28.88916	13:12:00	D	5.20
195	RAMPUR	BILASPUR	S-NPP	79.21812	28.89251	13:12:00	D	5.20
196	RAMPUR	BILASPUR	S-NPP	79.25176	28.91180	13:12:00	D	3.30
197	RAMPUR	BILASPUR	S-NPP	79.36868	28.95325	13:12:00	D	3.80
198	RAMPUR	BILASPUR	S-NPP	79.36799	28.95659	13:12:00	D	3.80
199	RAMPUR	MILAK	S-NPP	79.17126	28.73146	13:12:00	D	2.70
200	RAMPUR	MILAK	S-NPP	79.13966	28.78179	13:12:00	D	5.00
201	RAMPUR	RAMPUR	S-NPP	79.07341	28.84114	13:12:00	D	2.80
202	RAMPUR	SUAR	S-NPP	79.17056	28.94165	13:12:00	D	3.10

203	RAMPUR	SUAR	S-NPP	79.17639	28.97377	13:12:00	D	3.20
204	RAMPUR	SUAR	S-NPP	79.23048	28.97566	13:12:00	D	3.10
205	RAMPUR	TANDA	S-NPP	78.99126	29.11560	13:12:00	D	3.00
206	SHAHJAHANPUR	PUWANYA	S-NPP	80.01840	27.92527	13:12:00	D	1.90
207	SHAHJAHANPUR	PUWANYA	S-NPP	80.03837	27.97209	13:12:00	D	1.80
208	SHAHJAHANPUR	PUWANYA	S-NPP	80.05257	28.06331	13:12:00	D	1.60
209	SHAHJAHANPUR	PUWANYA	S-NPP	80.19467	28.08223	13:12:00	D	2.70
210	SHAHJAHANPUR	PUWANYA	S-NPP	80.19269	28.09216	13:12:00	D	3.00
211	SHAHJAHANPUR	PUWANYA	S-NPP	80.16994	28.10463	13:12:00	D	1.40
212	SHAHJAHANPUR	PUWANYA	S-NPP	80.17645	28.27574	13:12:00	D	2.50
213	SHAHJAHANPUR	PUWANYA	S-NPP	80.05190	28.33978	01:54:00	N	0.40
214	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	79.78557	27.70210	13:12:00	D	4.00
215	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	79.78546	27.70411	13:12:00	D	3.60
216	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	80.02057	27.85369	13:12:00	D	1.70
217	SHAHJAHANPUR	TILHAR	S-NPP	79.58726	27.87007	13:12:00	D	2.20
218	SHARANPUR	BEHAT	S-NPP	77.60110	30.10457	13:12:00	D	3.80
219	SHARANPUR	BEHAT	S-NPP	77.58545	30.11264	13:12:00	D	3.10
220	SHARANPUR	NAKUR	S-NPP	77.20896	29.78103	13:12:00	D	4.30
221	SHARANPUR	SHARANPUR	S-NPP	77.61091	30.03360	13:12:00	D	4.70
222	SHRAWASTI	BHINGA	S-NPP	81.88914	27.62407	13:12:00	D	3.00
223	SHRAWASTI	BHINGA	S-NPP	81.62703	27.84974	13:12:00	D	2.70
224	SHRAWASTI	BHINGA	S-NPP	81.95312	27.87468	01:54:00	N	0.70
225	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	82.62180	27.17805	13:12:00	D	1.90
226	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	82.53832	27.28138	13:12:00	D	3.40
227	SIDDHARTHANAGAR	ITWA	S-NPP	82.75087	27.21685	13:12:00	D	2.00
228	SIDDHARTHANAGAR	ITWA	S-NPP	82.77611	27.26188	13:12:00	D	2.90
229	SIDDHARTHANAGAR	ITWA	S-NPP	82.72130	27.26797	13:12:00	D	1.80
230	SIDDHARTHANAGAR	ITWA	S-NPP	82.80670	27.27657	13:12:00	D	2.50
231	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.13481	27.26655	13:12:00	D	4.10
232	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.26025	27.38121	13:12:00	D	3.80
233	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	82.95749	27.32246	13:12:00	D	3.90

234	SITAPUR	MAHMUDABAD	S-NPP	81.21800	27.29807	13:12:00	D	1.50
235	SITAPUR	MAHMUDABAD	S-NPP	81.26610	27.35967	13:12:00	D	2.60
236	SITAPUR	MAHMUDABAD	S-NPP	81.15265	27.47435	13:12:00	D	2.30
237	SULTANPUR	AMETHI	S-NPP	81.88208	26.25092	13:12:00	D	2.20
238	UNNAO	BIGHAPUR	S-NPP	80.74178	26.20611	13:12:00	D	1.50
239	UNNAO	HASANGANJ	S-NPP	80.54339	26.66220	13:12:00	D	11.00
240	UNNAO	PURWA	S-NPP	81.00975	26.40314	13:12:00	D	2.40
241	UNNAO	PURWA	S-NPP	80.82684	26.53062	13:12:00	D	3.90
242	UNNAO	SAFIPUR	S-NPP	80.26129	26.99795	13:12:00	D	2.90
243	UNNAO	UNNAO	S-NPP	80.48695	26.59978	13:12:00	D	2.10

**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/>

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