



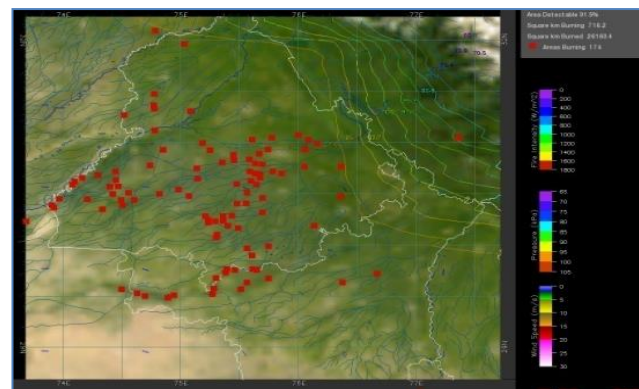
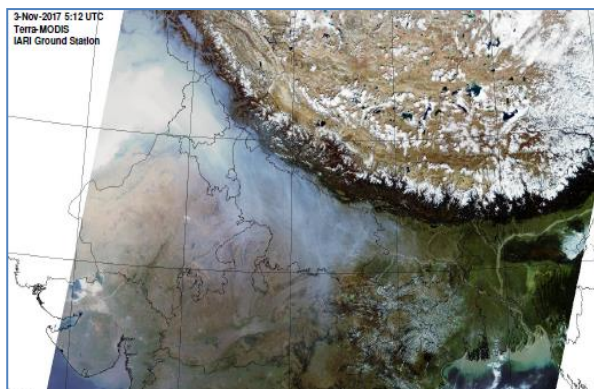
**Bulletin  
No. 41**

**Events Date:  
10-Nov-2018**

**Issued on:  
11-Nov-2018**



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



**Prepared by:**

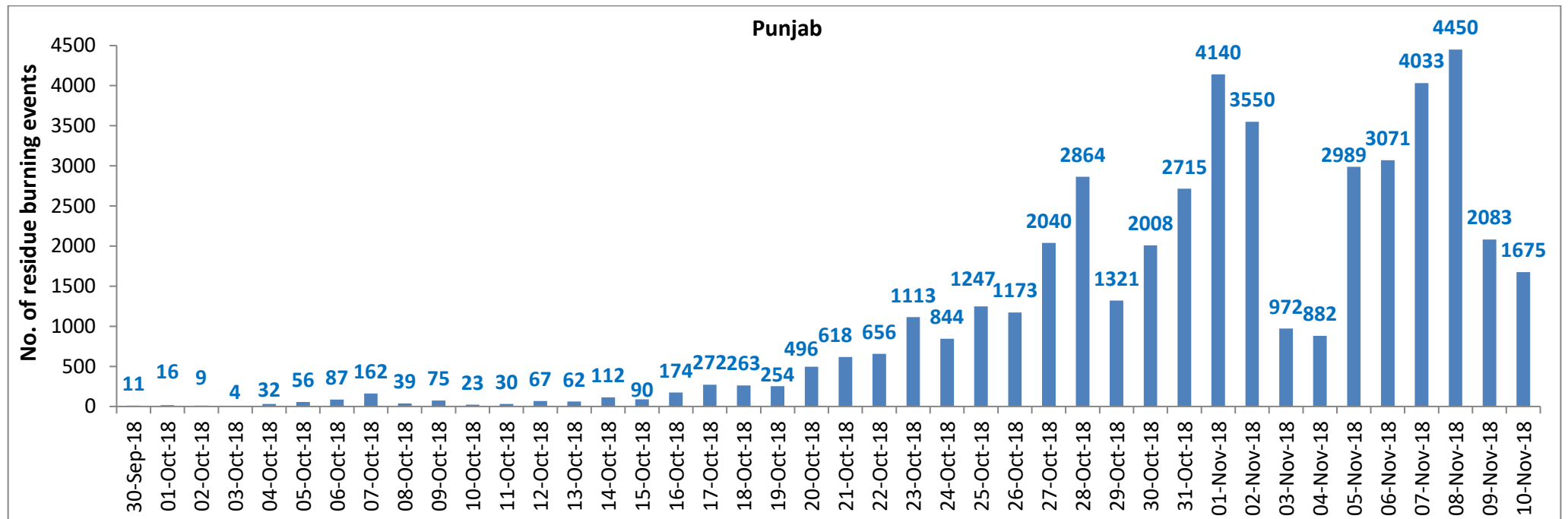
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

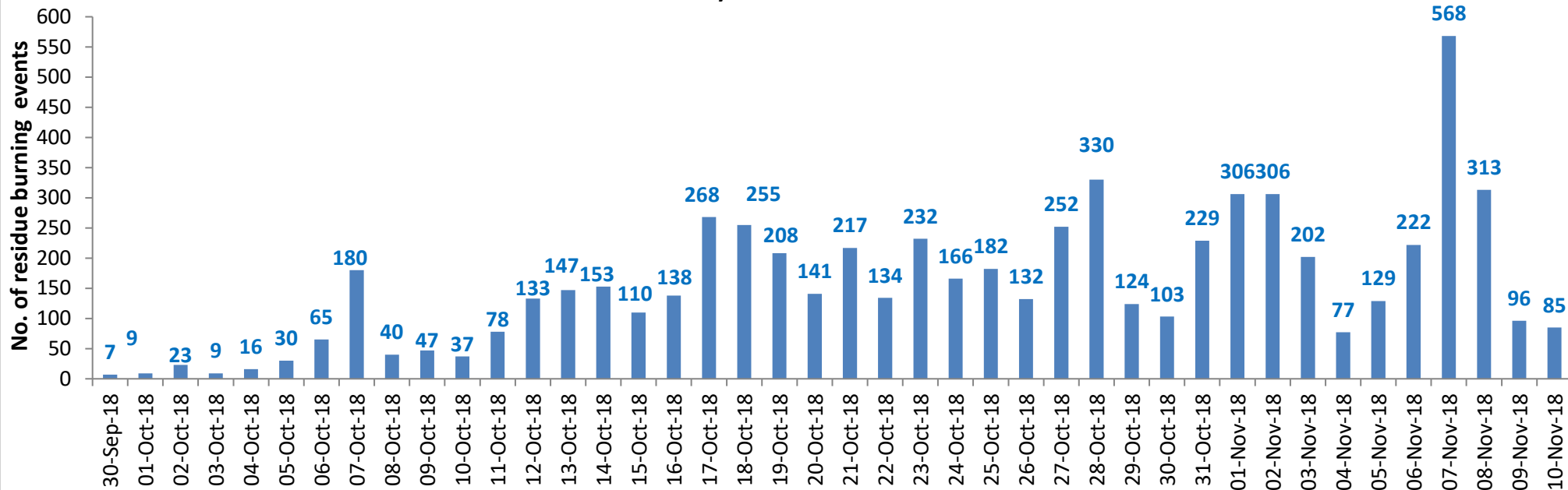
## Highlights for 10-November-2018

- Satellites detected **1885** residue burning events in the three States (Punjab, Haryana & UP) on **10-Nov-2018**.
- The burning events detected on **10-Nov-2018** are **1675**, **85** and **125** in Punjab, Haryana, and UP, respectively.
- The number of events has decreased from **2473** on **09-Nov-2018** to **1885** on **10-Nov-2018** in the three States.
- Total **57764** burning events were detected in the three States between **30-Sept-2018** and **10-Nov-2018**, which are distributed as **46778**, **6499** and **4487** in Punjab, Haryana and UP, respectively.
- Till **10-Nov-2018**, the burning events in the current year are about **84.2%** of the events detected in 2017 and about **53.1%** of the events detected in 2016.
- Overall, about **16%** and **47%** reduction in burning events are observed in current year (2018) till date as compared to that in 2017 and 2016, respectively.

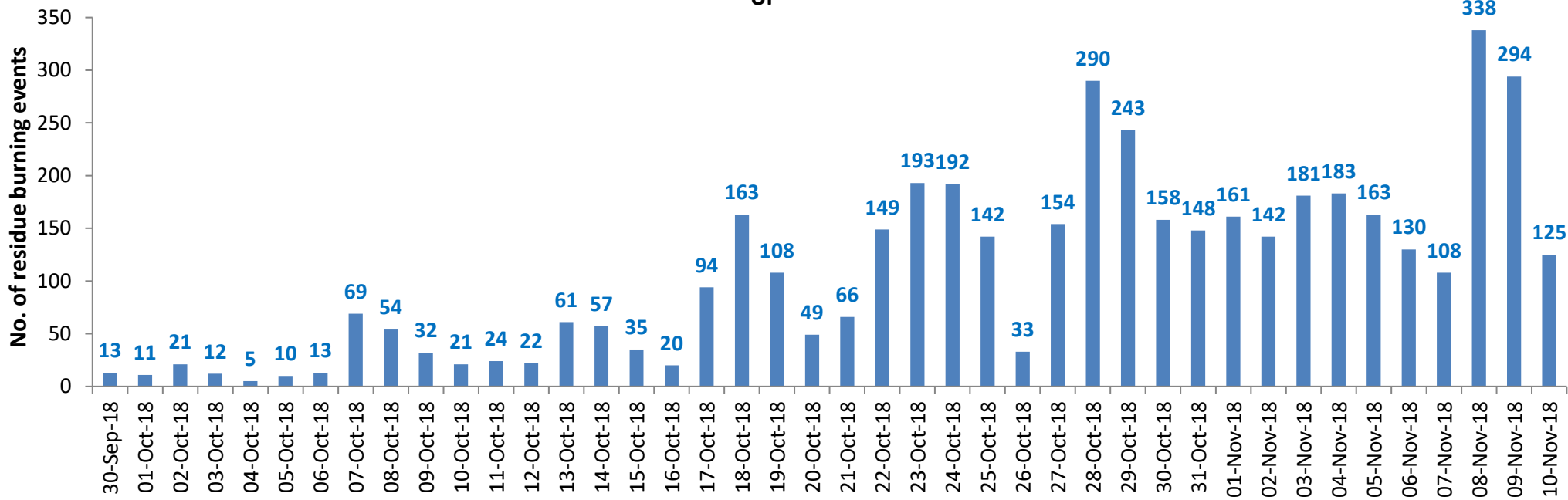
### Temporal distribution of residue burning events for the three study States



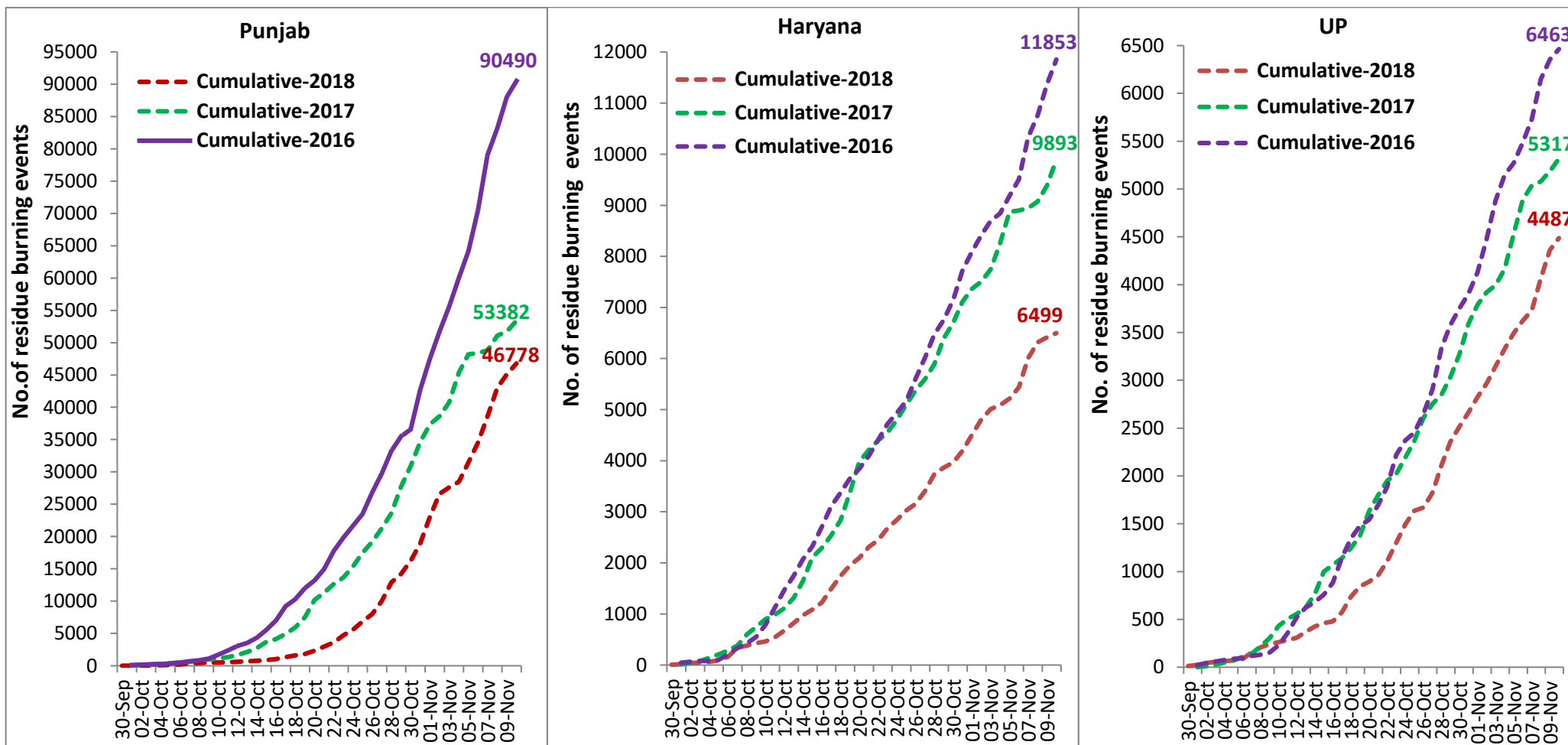
### Haryana



### UP



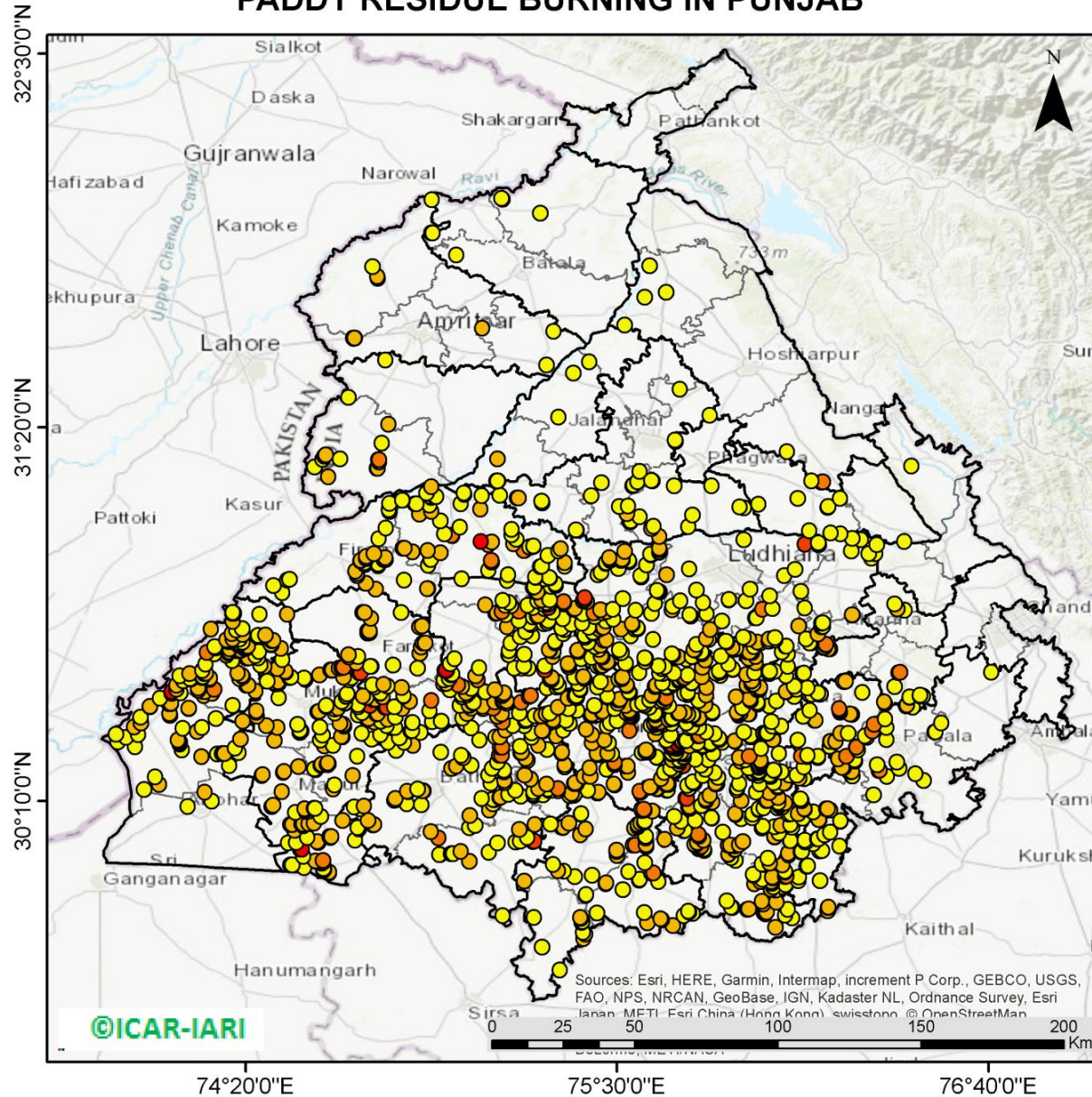
**Comparison of residue burning events in current year (2018) with previous years (2017& 2016) for the three study States**  
**(30-Sep to 10-Nov)**





(a) Punjab

PADDY RESIDUE BURNING IN PUNJAB



**1675** burning events detected in Punjab on 10th November, 2018

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

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

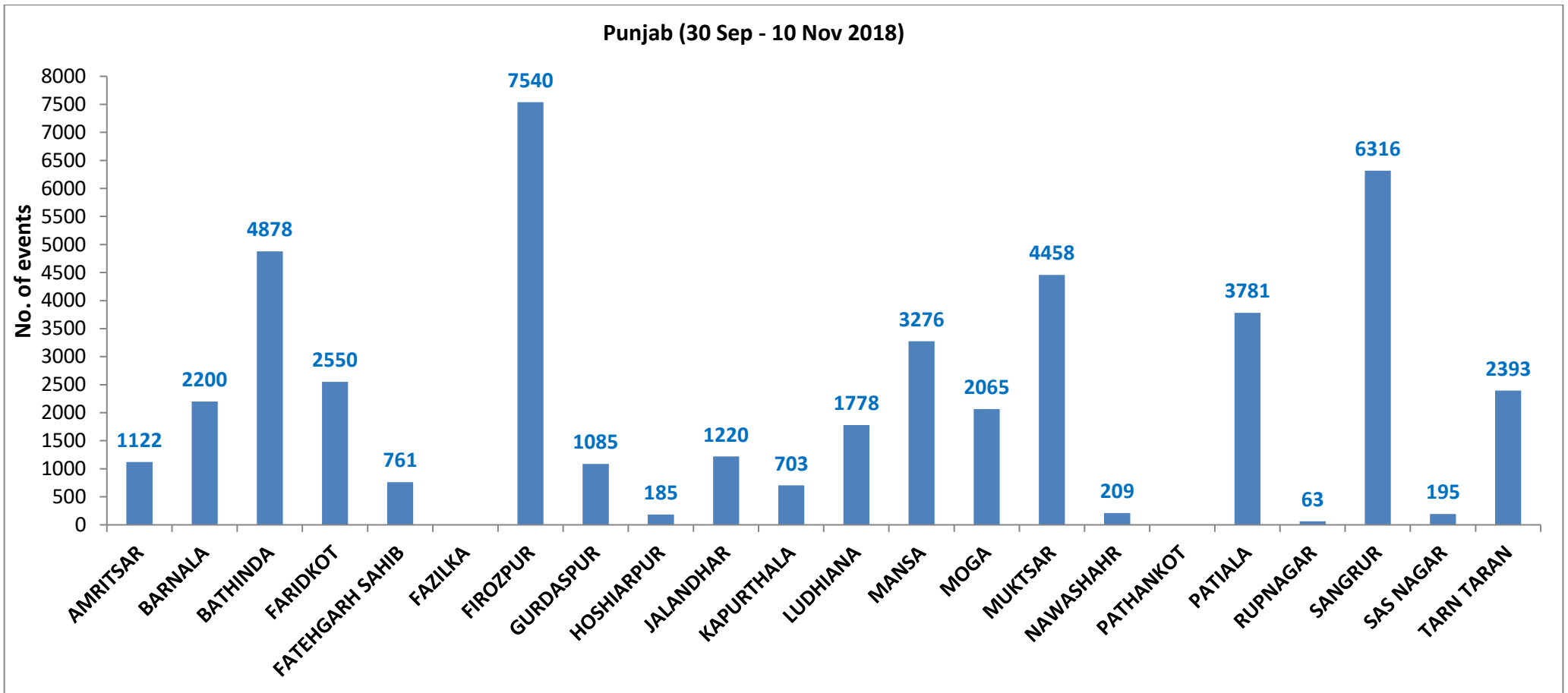


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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

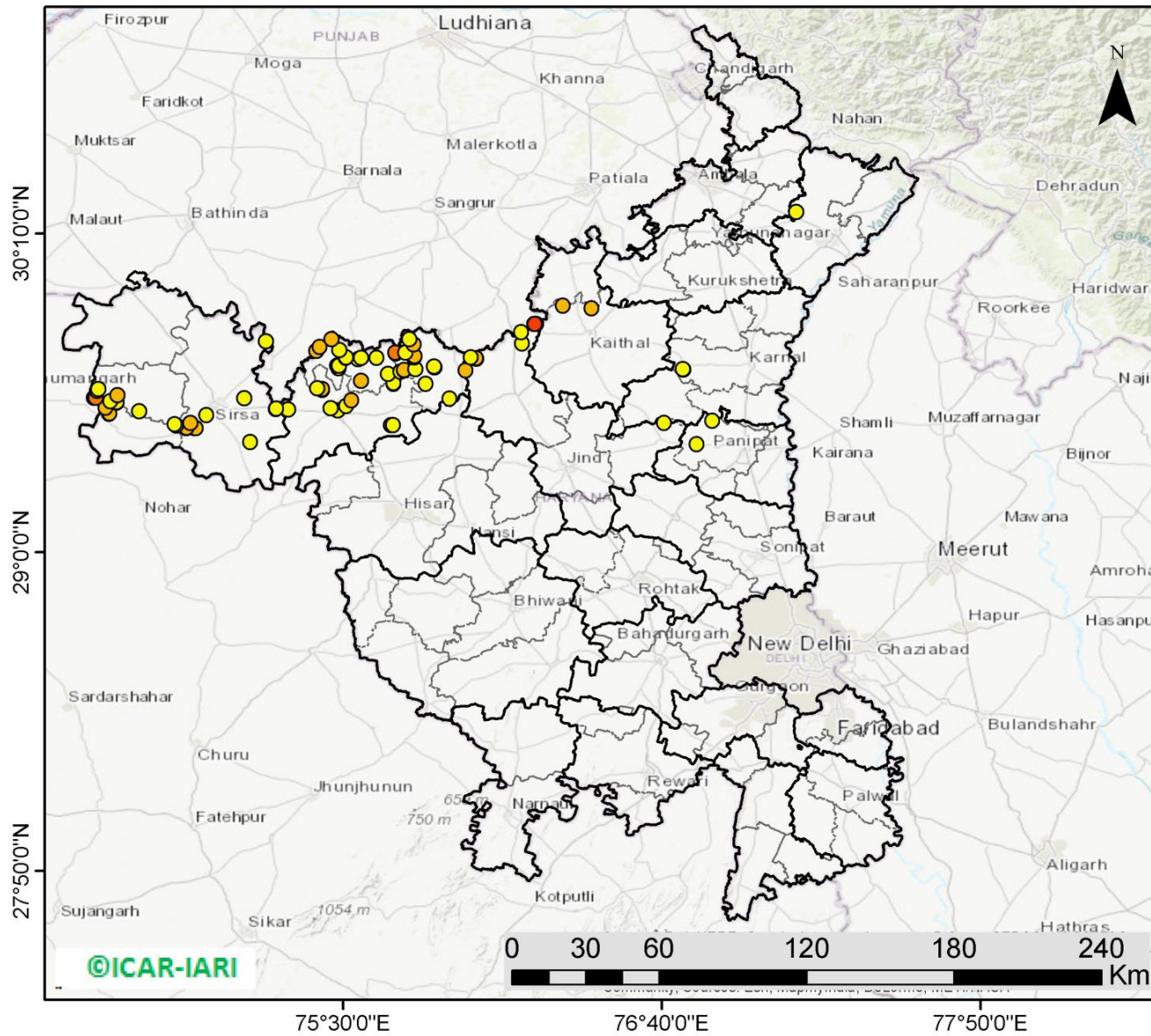
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

**District-wise cumulative number of residue burning events in Punjab (30-Sep-2018 to 10-Nov-2018)**



(b) Haryana

PADDY RESIDUE BURNING IN HARYANA



**85** burning events detected in Haryana on 10th November, 2018

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

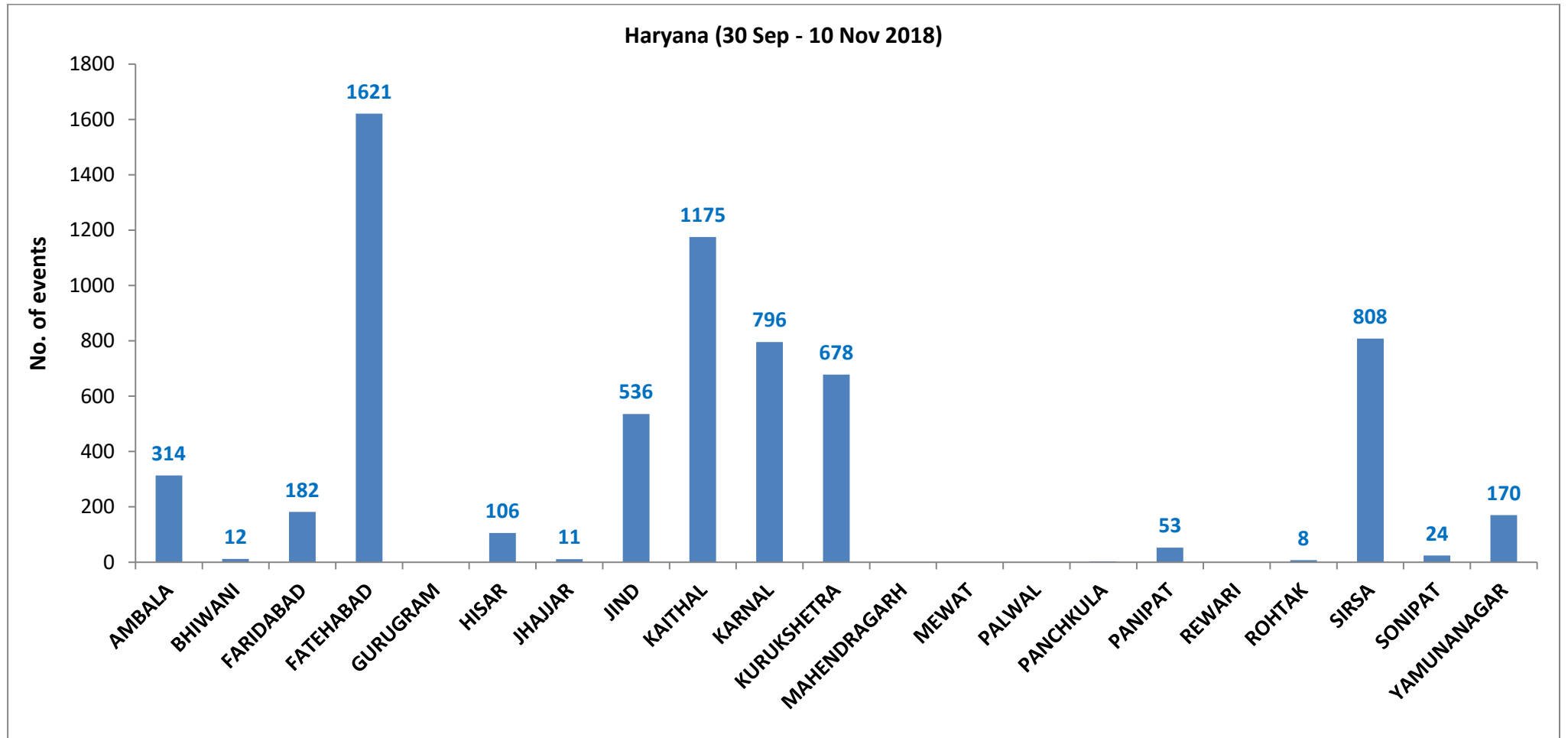
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



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



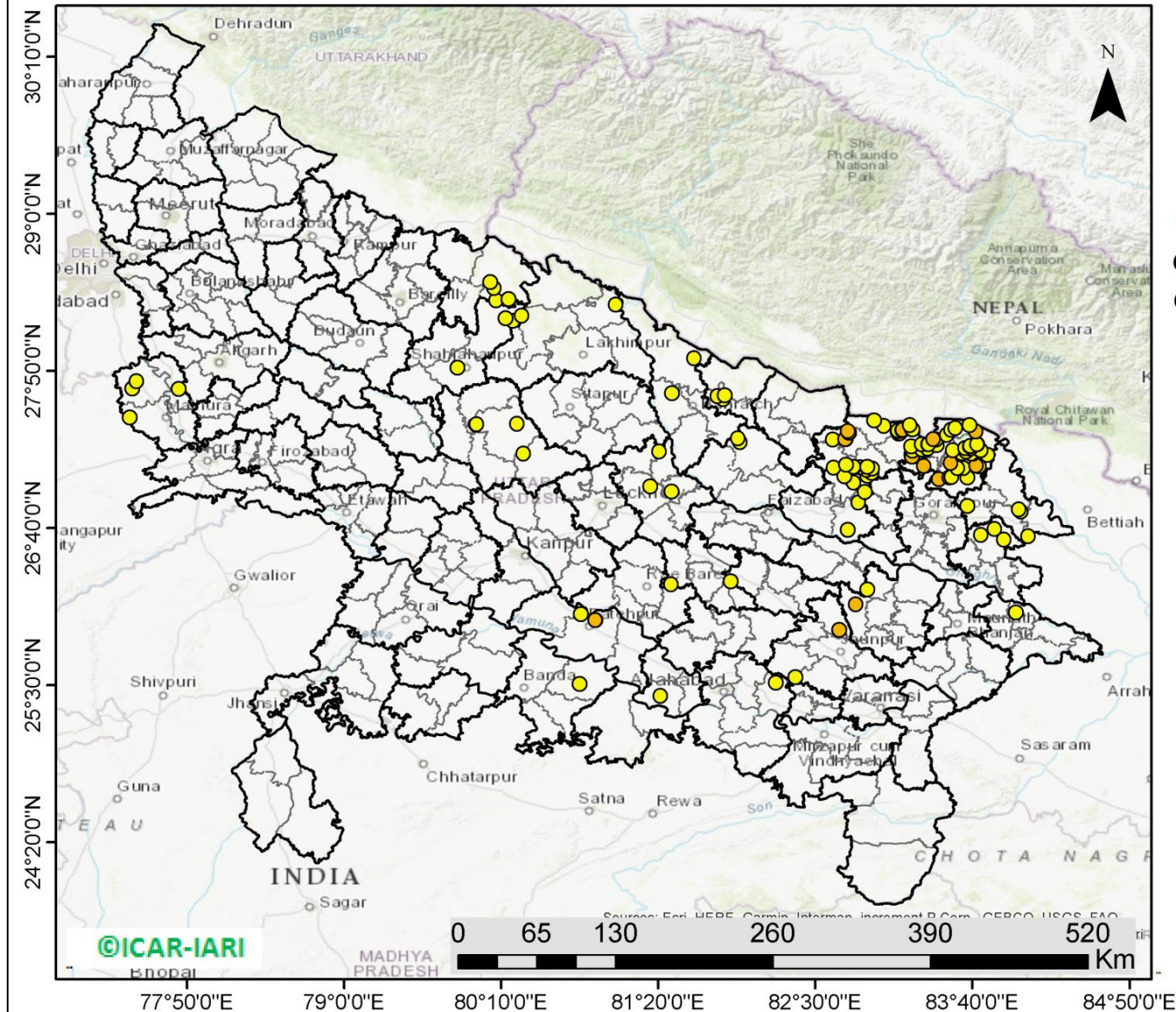
**District-wise cumulative number of residue burning events in Haryana (30-Sep-2018 to 10-Nov-2018)**





(c) Uttar Pradesh

PADDY RESIDUE BURNING IN UTTAR PRADESH



**125** burning events detected in Uttar Pradesh on **10th Nov, 2018**

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

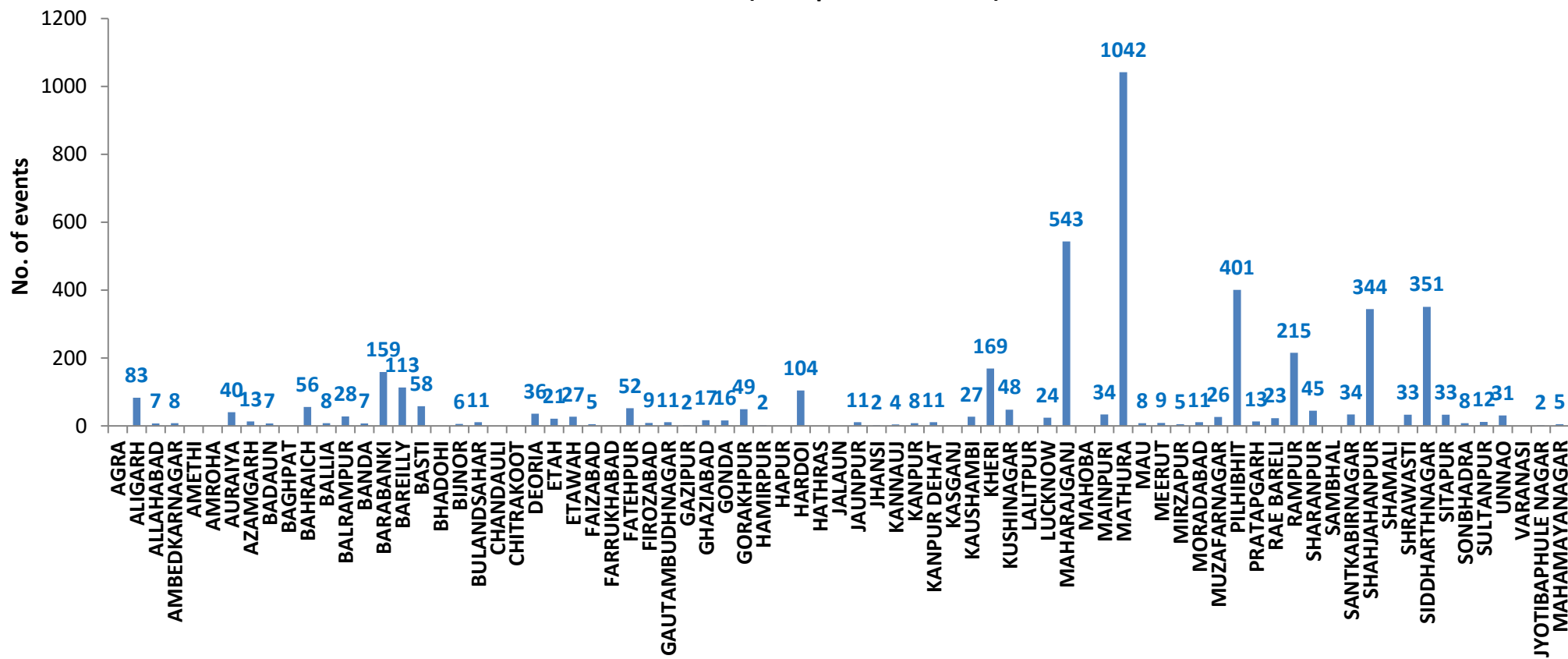
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



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

**District-wise cumulative number of residue burning events in Uttar Pradesh (30-Sep-2018 to 10-Nov-2018)**

**Uttar Pradesh (30 Sep - 10 Nov 2018)**



**State wise, date wise and district-wise number of residue burning events detected in 2016, 2017 and 2018**  
**(Period: 30-Sep to 10-Nov)**

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>30-Oct</b>	1076	3152	2008	395	307	103	175	238	158	1646	3697	2269
<b>31-Oct</b>	6132	3743	2715	575	413	229	153	321	148	6860	4447	3092
<b>01-Nov</b>	4843	2736	4140	362	250	306	223	199	161	5628	3185	4607
<b>02-Nov</b>	4183	1246	3550	332	145	306	345	131	142	4860	1522	3998
<b>03-Nov</b>	3806	2109	972	275	240	202	409	75	181	4409	2424	1355
<b>04-Nov</b>	4477	4603	882	146	499	77	265	168	183	4888	5270	1142
<b>05-Nov</b>	4137	2876	2989	345	625	129	125	367	163	4607	3868	3281
<b>06-Nov</b>	6303	171	3071	322	26	222	215	357	130	6840	327	3423
<b>07-Nov</b>	8575	420	4033	821	46	568	244	149	108	9640	615	4709
<b>08-Nov</b>	4129	2256	4450	432	128	313	419	43	338	4874	2427	5101
<b>09-Nov</b>	4857	675	2083	608	311	96	205	107	294	5670	1093	2473
<b>10-Nov</b>	2468	1642	1675	484	509	85	109	131	125	3061	2282	1885
<b>Total</b>	<b>90490</b>	<b>53382</b>	<b>46778</b>	<b>11853</b>	<b>9893</b>	<b>6499</b>	<b>6463</b>	<b>5317</b>	<b>4487</b>	<b>108806</b>	<b>68592</b>	<b>57764</b>



**(a) Punjab**

Districts	01 Oct - 10Nov		
	2016	2017	2018
AMRITSAR	1877	1197	1122
BARNALA	5074	2574	2200
BATHINDA	7726	4622	4878
FARIDKOT	4219	2844	2550
FATEHGARH SAHIB	2403	1582	761
FAZILKA	0	0	0
FIROZPUR	10809	5430	7540
GURDASPUR	2065	1460	1085
HOSHIARPUR	872	466	185
JALANDHAR	4370	1956	1220
KAPURTHALA	3059	1521	703
LUDHIANA	8073	3839	1778
MANSA	4635	3857	3276
MOGA	5831	1912	2065
MUKTSAR	5704	3349	4458
NAWASHAHR (SBS Nagar)	1241	617	209
PATHANKOT	0	0	0
PATIALA	6411	4948	3781
RUPNAGAR	701	316	63
SANGRUR	11314	8041	6316
SAS NAGAR	114	107	195
TARN TARAN	3750	2611	2393
<b>Total</b>	<b>90490</b>	<b>53382</b>	<b>46778</b>

**(b) Haryana**

Districts	01 Oct - 10Nov		
	2016	2017	2018
AMBALA	524	488	314
BHIWANI	30	21	12
FARIDABAD	262	331	182
FATEHABAD	3445	2725	1621
GURUGRAM	0	0	0
HISAR	246	149	106
JHAJJAR	15	11	11
JIND	727	835	536
KAITHAL	1705	1468	1175
KARNAL	1587	1471	796
KURUKSHETRA	1064	1140	678
MAHENDRAGARH	0	0	0
MEWAT	0	0	0
PALWAL	0	0	0
PANCHKULA	0	0	3
PANIPAT	66	64	53
REWARI	0	0	0
ROHTAK	47	43	8
SIRSA	1849	797	808
SONIPAT	51	48	24
YAMUNANAGAR	235	302	170
<b>Total</b>	<b>11853</b>	<b>9893</b>	<b>6499</b>

**(c) Uttar Pradesh**

Distrites	01 Oct - 10Nov			GAUTAMBUDH NAGAR			RAE BARELI		
	2016	2017	2018						
AGRA	0	0	0	16	32	11	28	15	23
ALIGARH	40	71	83	11	5	2	600	587	215
ALLAHABAD	1	2	7	43	25	17	70	81	45
AMBEDKARNAGAR	38	14	8	34	23	16	0	0	0
AMETHI	0	0	0	33	32	49	33	32	34
AMROHA	0	0	0	0	0	2	1072	660	344
AURAIYA	139	100	40	198	156	104	0	0	0
AZAMGARH	14	6	13	0	0	0	25	25	33
BADAUN	5	5	7	0	0	0	132	68	351
BAGHPAT	0	0	0	7	2	11	91	47	33
BAHRAICH	50	31	56	0	0	0	10	5	8
BALLIA	3	7	8	7	2	11	19	11	12
BALRAMPUR	18	21	28	0	0	2	35	21	31
BANDA	1	2	7	7	9	4	0	0	0
BARABANKI	186	127	159	4	5	8	0	0	0
BAREILLY	223	180	113	11	25	11	7	8	2
BASTI	72	98	58	0	0	0	2	2	5
BHADOHI	0	0	0	13	18	27	6463	5317	4487
BIJNOR	34	21	6	351	209	169			
BULANDSAHAR	11	23	11	17	18	48			
CHANDAUJI	2	0	0	0	0	0			
CHITRAKOOT	0	0	0	46	24	24			
DEORIA	25	27	36	206	357	543			
ETAH	11	26	21	0	0	0			
ETAWAH	40	59	27	0	0	0			
FAIZABAD	10	5	5	37	62	34			
FARRUKHABAD	0	0	0	1289	1077	1042			
FATEHPUR	35	28	52	6	3	8			
FIROZABAD	19	15	9	39	30	9			
				0	9	5			
				32	22	11			
				90	85	26			
				860	644	401			
				12	15	13			

**Details of residue burning events in Punjab on 10-Nov-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	AJNALA	S-NPP	74.74795	31.79937	12:48:00	D	5.50
2	AMRITSAR	AJNALA	S-NPP	74.74612	31.80472	12:48:00	D	5.50
3	AMRITSAR	AJNALA	S-NPP	74.73113	31.83623	12:48:00	D	3.40
4	AMRITSAR	AMRITSAR I	S-NPP	75.07666	31.64291	12:48:00	D	5.30
5	AMRITSAR	AMRITSAR II	S-NPP	74.67188	31.61179	12:48:00	D	7.20
6	AMRITSAR	AMRITSAR II	S-NPP	74.67123	31.61217	12:48:00	D	7.30
7	AMRITSAR	AMRITSAR II	S-NPP	74.67604	31.61285	12:48:00	D	7.20
8	AMRITSAR	AMRITSAR II	S-NPP	74.67541	31.61320	12:48:00	D	7.30
9	AMRITSAR	BABA BAKALA	S-NPP	75.27880	31.52865	12:48:00	D	2.60
10	AMRITSAR	BABA BAKALA	S-NPP	75.30075	31.63330	12:48:00	D	4.90
11	BARNALA	BARNALA	S-NPP	75.47175	30.31343	14:24:00	D	5.30
12	BARNALA	BARNALA	S-NPP	75.48494	30.31407	14:24:00	D	3.90
13	BARNALA	BARNALA	S-NPP	75.46967	30.31722	14:24:00	D	8.00
14	BARNALA	BARNALA	S-NPP	75.66476	30.34299	14:24:00	D	10.90
15	BARNALA	BARNALA	S-NPP	75.67155	30.34331	14:24:00	D	18.10
16	BARNALA	BARNALA	S-NPP	75.47475	30.34828	12:48:00	D	2.00
17	BARNALA	BARNALA	S-NPP	75.46098	30.35690	14:24:00	D	7.80
18	BARNALA	BARNALA	S-NPP	75.65482	30.35763	12:48:00	D	1.90
19	BARNALA	BARNALA	S-NPP	75.66826	30.37291	14:24:00	D	2.60
20	BARNALA	BARNALA	S-NPP	75.62053	30.37752	14:24:00	D	6.60
21	BARNALA	BARNALA	S-NPP	75.53927	30.38725	14:24:00	D	10.50
22	BARNALA	BARNALA	S-NPP	75.62566	30.39612	12:48:00	D	5.30
23	BARNALA	BARNALA	S-NPP	75.62466	30.39735	12:48:00	D	4.30
24	BARNALA	BARNALA	S-NPP	75.46896	30.40061	14:24:00	D	3.60
25	BARNALA	BARNALA	S-NPP	75.60568	30.40377	14:24:00	D	4.30
26	BARNALA	BARNALA	S-NPP	75.61836	30.40576	12:48:00	D	6.60
27	BARNALA	BARNALA	S-NPP	75.61740	30.40696	12:48:00	D	10.90
28	BARNALA	BARNALA	S-NPP	75.64743	30.40703	12:48:00	D	2.40

29	BARNALA	BARNALA	S-NPP	75.62620	30.40763	12:48:00	D	13.30
30	BARNALA	BARNALA	S-NPP	75.62131	30.40793	12:48:00	D	5.80
31	BARNALA	BARNALA	S-NPP	75.64638	30.40841	12:48:00	D	4.50
32	BARNALA	BARNALA	S-NPP	75.35002	30.40887	14:24:00	D	3.70
33	BARNALA	BARNALA	S-NPP	75.62521	30.40889	12:48:00	D	5.80
34	BARNALA	BARNALA	S-NPP	75.61668	30.41105	12:48:00	D	6.60
35	BARNALA	BARNALA	S-NPP	75.47805	30.41114	14:24:00	D	3.30
36	BARNALA	BARNALA	S-NPP	75.62561	30.41143	14:24:00	D	6.30
37	BARNALA	BARNALA	S-NPP	75.63239	30.41175	14:24:00	D	7.70
38	BARNALA	BARNALA	S-NPP	75.63916	30.41206	14:24:00	D	7.70
39	BARNALA	BARNALA	S-NPP	75.62934	30.41395	14:24:00	D	7.10
40	BARNALA	BARNALA	S-NPP	75.63612	30.41423	14:24:00	D	10.40
41	BARNALA	BARNALA	S-NPP	75.49927	30.41797	12:48:00	D	3.70
42	BARNALA	BARNALA	S-NPP	75.33868	30.41907	12:48:00	D	3.60
43	BARNALA	BARNALA	S-NPP	75.62222	30.42039	14:24:00	D	7.10
44	BARNALA	BARNALA	S-NPP	75.66288	30.42207	14:24:00	D	3.40
45	BARNALA	BARNALA	S-NPP	75.54745	30.43071	14:24:00	D	12.00
46	BARNALA	BARNALA	S-NPP	75.54366	30.43441	14:24:00	D	12.20
47	BARNALA	BARNALA	S-NPP	75.41740	30.43486	14:24:00	D	8.40
48	BARNALA	BARNALA	S-NPP	75.42918	30.43534	12:48:00	D	6.60
49	BARNALA	BARNALA	S-NPP	75.62073	30.43627	12:48:00	D	2.90
50	BARNALA	BARNALA	S-NPP	75.43718	30.43728	12:48:00	D	8.80
51	BARNALA	BARNALA	S-NPP	75.42061	30.43857	14:24:00	D	6.90
52	BARNALA	BARNALA	S-NPP	75.54333	30.44110	14:24:00	D	4.80
53	BARNALA	BARNALA	S-NPP	75.28752	30.44139	12:48:00	D	2.30
54	BARNALA	BARNALA	S-NPP	75.61903	30.44155	12:48:00	D	2.90
55	BARNALA	BARNALA	S-NPP	75.28767	30.44161	12:48:00	D	3.30
56	BARNALA	BARNALA	S-NPP	75.52981	30.44262	12:48:00	D	5.30
57	BARNALA	BARNALA	S-NPP	75.54003	30.44381	14:24:00	D	7.20
58	BARNALA	BARNALA	S-NPP	75.45143	30.44649	12:48:00	D	7.00
59	BARNALA	BARNALA	S-NPP	75.45541	30.44746	12:48:00	D	7.20



60	BARNALA	BARNALA	S-NPP	75.54298	30.44779	14:24:00	D	4.80
61	BARNALA	BARNALA	S-NPP	75.37398	30.44980	14:24:00	D	4.30
62	BARNALA	BARNALA	S-NPP	75.53967	30.45050	14:24:00	D	6.00
63	BARNALA	BARNALA	S-NPP	75.49266	30.45512	14:24:00	D	4.20
64	BARNALA	BARNALA	S-NPP	75.34750	30.45523	14:24:00	D	4.90
65	BARNALA	BARNALA	S-NPP	75.60055	30.45983	12:48:00	D	3.30
66	BARNALA	BARNALA	S-NPP	75.31470	30.46036	14:24:00	D	5.70
67	BARNALA	BARNALA	S-NPP	75.66230	30.46347	12:48:00	D	3.50
68	BARNALA	BARNALA	S-NPP	75.42857	30.46395	12:48:00	D	8.20
69	BARNALA	BARNALA	S-NPP	75.52694	30.46481	12:48:00	D	5.50
70	BARNALA	BARNALA	S-NPP	75.42823	30.46501	12:48:00	D	4.10
71	BARNALA	BARNALA	S-NPP	75.58602	30.46597	14:24:00	D	6.70
72	BARNALA	BARNALA	S-NPP	75.58542	30.46756	12:48:00	D	3.60
73	BARNALA	BARNALA	S-NPP	75.56412	30.46810	12:48:00	D	3.80
74	BARNALA	BARNALA	S-NPP	75.57983	30.47190	12:48:00	D	2.20
75	BARNALA	BARNALA	S-NPP	75.50312	30.47213	12:48:00	D	4.00
76	BARNALA	BARNALA	S-NPP	75.64952	30.47739	12:48:00	D	3.80
77	BARNALA	BARNALA	S-NPP	75.63229	30.47890	12:48:00	D	4.90
78	BARNALA	BARNALA	S-NPP	75.64396	30.48173	12:48:00	D	3.80
79	BARNALA	BARNALA	S-NPP	75.50423	30.48220	12:48:00	D	6.10
80	BARNALA	BARNALA	S-NPP	75.60161	30.48286	12:48:00	D	3.60
81	BARNALA	BARNALA	S-NPP	75.50820	30.48316	12:48:00	D	6.10
82	BARNALA	BARNALA	S-NPP	75.50366	30.48372	12:48:00	D	7.20
83	BARNALA	BARNALA	S-NPP	75.50762	30.48471	12:48:00	D	7.20
84	BARNALA	BARNALA	S-NPP	75.34578	30.48836	14:24:00	D	7.40
85	BARNALA	BARNALA	S-NPP	75.65005	30.48887	12:48:00	D	5.70
86	BARNALA	BARNALA	S-NPP	75.37190	30.48960	14:24:00	D	7.30
87	BARNALA	BARNALA	S-NPP	75.65392	30.48981	12:48:00	D	11.00
88	BARNALA	BARNALA	S-NPP	75.36672	30.49364	14:24:00	D	5.90
89	BARNALA	BARNALA	S-NPP	75.37328	30.49391	14:24:00	D	9.50
90	BARNALA	BARNALA	S-NPP	75.47070	30.49426	14:24:00	D	5.00

91	BARNALA	BARNALA	S-NPP	75.37154	30.49624	14:24:00	D	2.60
92	BARNALA	BARNALA	S-NPP	75.60993	30.49624	12:48:00	D	3.20
93	BARNALA	BARNALA	S-NPP	75.61384	30.49718	12:48:00	D	3.20
94	BARNALA	BARNALA	S-NPP	75.60901	30.49839	12:48:00	D	7.60
95	BARNALA	BARNALA	S-NPP	75.53973	30.50409	12:48:00	D	3.60
96	BARNALA	BARNALA	S-NPP	75.53802	30.50938	12:48:00	D	3.60
97	BARNALA	BARNALA	S-NPP	75.38530	30.51438	14:24:00	D	3.50
98	BARNALA	BARNALA	S-NPP	75.38365	30.51679	14:24:00	D	3.70
99	BARNALA	BARNALA	S-NPP	75.65612	30.52139	12:48:00	D	2.30
100	BARNALA	BARNALA	S-NPP	75.30982	30.52242	12:48:00	D	3.90
101	BARNALA	BARNALA	S-NPP	75.43764	30.52328	14:24:00	D	3.30
102	BARNALA	BARNALA	S-NPP	75.61888	30.52415	14:24:00	D	3.60
103	BARNALA	BARNALA	S-NPP	75.65545	30.52419	12:48:00	D	2.00
104	BARNALA	BARNALA	S-NPP	75.31775	30.52682	14:24:00	D	2.50
105	BARNALA	BARNALA	S-NPP	75.53094	30.52723	14:24:00	D	8.00
106	BARNALA	BARNALA	S-NPP	75.62360	30.52827	14:24:00	D	6.30
107	BARNALA	BARNALA	S-NPP	75.52904	30.53050	14:24:00	D	7.20
108	BARNALA	BARNALA	S-NPP	75.47083	30.53295	12:48:00	D	7.20
109	BARNALA	BARNALA	S-NPP	75.64335	30.53528	12:48:00	D	1.80
110	BARNALA	BARNALA	S-NPP	75.44853	30.53997	14:24:00	D	2.90
111	BARNALA	BARNALA	S-NPP	75.50471	30.54695	12:48:00	D	3.60
112	BARNALA	BARNALA	S-NPP	75.51472	30.54993	14:24:00	D	6.00
113	BARNALA	BARNALA	S-NPP	75.51616	30.55343	14:24:00	D	6.80
114	BARNALA	BARNALA	S-NPP	75.64408	30.56567	14:24:00	D	3.60
115	BARNALA	BARNALA	S-NPP	75.63326	30.56686	12:48:00	D	2.90
116	BARNALA	BARNALA	S-NPP	75.56980	30.56849	12:48:00	D	2.90
117	BARNALA	BARNALA	S-NPP	75.64149	30.58020	12:48:00	D	2.30
118	BARNALA	BARNALA	S-NPP	75.64993	30.58618	14:24:00	D	4.10
119	BARNALA	BARNALA	S-NPP	75.43742	30.58874	12:48:00	D	4.40
120	BARNALA	BARNALA	S-NPP	75.63039	30.58884	12:48:00	D	2.00
121	BARNALA	BARNALA	S-NPP	75.44750	30.59051	14:24:00	D	6.50

122	BARNALA	BARNALA	S-NPP	75.45415	30.59082	14:24:00	D	6.50
123	BARNALA	BARNALA	S-NPP	75.46709	30.59810	14:24:00	D	12.80
124	BARNALA	BARNALA	S-NPP	75.47057	30.60126	14:24:00	D	7.10
125	BARNALA	TAPPA	S-NPP	75.43858	30.19185	14:24:00	D	7.10
126	BARNALA	TAPPA	S-NPP	75.44145	30.19506	14:24:00	D	5.90
127	BARNALA	TAPPA	S-NPP	75.40845	30.20009	14:24:00	D	4.80
128	BARNALA	TAPPA	S-NPP	75.49303	30.21762	14:24:00	D	5.70
129	BARNALA	TAPPA	S-NPP	75.48972	30.22075	14:24:00	D	6.30
130	BARNALA	TAPPA	S-NPP	75.63825	30.23741	12:48:00	D	5.10
131	BARNALA	TAPPA	S-NPP	75.39646	30.24321	14:24:00	D	6.40
132	BARNALA	TAPPA	S-NPP	75.41608	30.24412	14:24:00	D	9.20
133	BARNALA	TAPPA	S-NPP	75.53439	30.25620	14:24:00	D	5.60
134	BARNALA	TAPPA	S-NPP	75.64888	30.25712	12:48:00	D	1.90
135	BARNALA	TAPPA	S-NPP	75.67628	30.26376	12:48:00	D	7.30
136	BARNALA	TAPPA	S-NPP	75.46750	30.26649	14:24:00	D	3.90
137	BARNALA	TAPPA	S-NPP	75.66834	30.26894	14:24:00	D	4.40
138	BARNALA	TAPPA	S-NPP	75.41467	30.27067	14:24:00	D	5.90
139	BARNALA	TAPPA	S-NPP	75.52669	30.27593	14:24:00	D	5.90
140	BARNALA	TAPPA	S-NPP	75.53335	30.27623	14:24:00	D	5.90
141	BARNALA	TAPPA	S-NPP	75.70881	30.27750	14:24:00	D	16.00
142	BARNALA	TAPPA	S-NPP	75.49323	30.28105	14:24:00	D	10.80
143	BARNALA	TAPPA	S-NPP	75.49126	30.28326	12:48:00	D	4.70
144	BARNALA	TAPPA	S-NPP	75.69482	30.28363	14:24:00	D	5.60
145	BARNALA	TAPPA	S-NPP	75.49289	30.28772	14:24:00	D	10.80
146	BARNALA	TAPPA	S-NPP	75.62580	30.30290	12:48:00	D	3.20
147	BARNALA	TAPPA	S-NPP	75.62524	30.30479	12:48:00	D	2.70
148	BARNALA	TAPPA	S-NPP	75.43885	30.31181	14:24:00	D	3.50
149	BARNALA	TAPPA	S-NPP	75.43674	30.31579	14:24:00	D	9.10
150	BARNALA	TAPPA	S-NPP	75.32542	30.31752	14:24:00	D	3.70
151	BARNALA	TAPPA	S-NPP	75.57809	30.31859	14:24:00	D	4.60
152	BARNALA	TAPPA	S-NPP	75.32739	30.31953	14:24:00	D	6.80

153	BARNALA	TAPPA	S-NPP	75.59822	30.31956	14:24:00	D	4.70
154	BARNALA	TAPPA	S-NPP	75.58962	30.32236	14:24:00	D	8.00
155	BARNALA	TAPPA	S-NPP	75.59632	30.32264	14:24:00	D	7.70
156	BARNALA	TAPPA	S-NPP	75.59119	30.32595	14:24:00	D	5.40
157	BARNALA	TAPPA	S-NPP	75.42181	30.34845	14:24:00	D	8.00
158	BARNALA	TAPPA	S-NPP	75.42043	30.37503	14:24:00	D	6.60
159	BARNALA	TAPPA	S-NPP	75.33158	30.38816	14:24:00	D	3.10
160	BARNALA	TAPPA	S-NPP	75.40343	30.39120	14:24:00	D	6.10
161	BATHINDA	BATHINDA	S-NPP	74.68926	30.07932	14:24:00	D	7.70
162	BATHINDA	BATHINDA	S-NPP	75.03539	30.08334	14:24:00	D	3.90
163	BATHINDA	BATHINDA	S-NPP	74.68542	30.08344	14:24:00	D	2.30
164	BATHINDA	BATHINDA	S-NPP	74.73216	30.09251	14:24:00	D	3.40
165	BATHINDA	BATHINDA	S-NPP	74.73566	30.09447	14:24:00	D	6.50
166	BATHINDA	BATHINDA	S-NPP	74.71717	30.10634	14:24:00	D	5.50
167	BATHINDA	BATHINDA	S-NPP	75.03731	30.12249	14:24:00	D	7.90
168	BATHINDA	BATHINDA	S-NPP	74.69125	30.14339	14:24:00	D	4.70
169	BATHINDA	BATHINDA	S-NPP	74.67323	30.14881	14:24:00	D	4.00
170	BATHINDA	BATHINDA	S-NPP	74.70500	30.15191	14:24:00	D	5.40
171	BATHINDA	BATHINDA	S-NPP	74.88406	30.15582	12:48:00	D	3.00
172	BATHINDA	BATHINDA	S-NPP	74.83962	30.15776	14:24:00	D	3.20
173	BATHINDA	BATHINDA	S-NPP	74.79939	30.16929	14:24:00	D	9.50
174	BATHINDA	BATHINDA	S-NPP	75.11237	30.17090	14:24:00	D	4.80
175	BATHINDA	BATHINDA	S-NPP	75.10924	30.17183	14:24:00	D	3.40
176	BATHINDA	BATHINDA	S-NPP	74.80249	30.17510	14:24:00	D	7.70
177	BATHINDA	BATHINDA	S-NPP	75.07457	30.17572	14:24:00	D	4.70
178	BATHINDA	BATHINDA	S-NPP	75.13078	30.17828	14:24:00	D	7.60
179	BATHINDA	BATHINDA	S-NPP	75.13396	30.17964	14:24:00	D	6.50
180	BATHINDA	BATHINDA	S-NPP	74.84342	30.19668	14:24:00	D	9.20
181	BATHINDA	BATHINDA	S-NPP	74.83985	30.19704	14:24:00	D	6.30
182	BATHINDA	BATHINDA	S-NPP	74.89171	30.19934	14:24:00	D	10.50
183	BATHINDA	BATHINDA	S-NPP	74.88820	30.19942	14:24:00	D	6.20



184	BATHINDA	BATHINDA	S-NPP	74.87318	30.20479	14:24:00	D	3.40
185	BATHINDA	BATHINDA	S-NPP	75.10312	30.22283	14:24:00	D	4.40
186	BATHINDA	BATHINDA	S-NPP	75.14700	30.22493	14:24:00	D	5.50
187	BATHINDA	BATHINDA	S-NPP	75.14662	30.23147	14:24:00	D	5.50
188	BATHINDA	BATHINDA	S-NPP	75.09537	30.24864	14:24:00	D	4.20
189	BATHINDA	BATHINDA	S-NPP	75.14516	30.25765	14:24:00	D	6.10
190	BATHINDA	BATHINDA	S-NPP	75.14479	30.26419	14:24:00	D	2.70
191	BATHINDA	BATHINDA	S-NPP	75.10675	30.26884	14:24:00	D	4.40
192	BATHINDA	BATHINDA	S-NPP	74.98219	30.26901	14:24:00	D	5.30
193	BATHINDA	BATHINDA	S-NPP	74.98000	30.26908	14:24:00	D	5.50
194	BATHINDA	BATHINDA	S-NPP	74.99417	30.27615	14:24:00	D	7.50
195	BATHINDA	BATHINDA	S-NPP	75.04148	30.27840	14:24:00	D	5.00
196	BATHINDA	BATHINDA	S-NPP	75.12450	30.28940	14:24:00	D	4.90
197	BATHINDA	BATHINDA	S-NPP	75.01514	30.30327	14:24:00	D	8.70
198	BATHINDA	BATHINDA	S-NPP	75.01746	30.30342	14:24:00	D	8.20
199	BATHINDA	BATHINDA	S-NPP	75.12973	30.30934	14:24:00	D	9.30
200	BATHINDA	BATHINDA	S-NPP	75.01089	30.30959	14:24:00	D	4.20
201	BATHINDA	BATHINDA	S-NPP	74.94623	30.31948	14:24:00	D	3.40
202	BATHINDA	BATHINDA	S-NPP	74.80572	30.32545	14:24:00	D	4.90
203	BATHINDA	BATHINDA	S-NPP	74.85931	30.34108	14:24:00	D	5.40
204	BATHINDA	BATHINDA	S-NPP	74.83071	30.35079	12:48:00	D	3.40
205	BATHINDA	BATHINDA	S-NPP	75.06828	30.35806	14:24:00	D	3.80
206	BATHINDA	BATHINDA	S-NPP	74.72802	30.36095	12:48:00	D	3.90
207	BATHINDA	BATHINDA	S-NPP	74.81551	30.36466	14:24:00	D	4.80
208	BATHINDA	BATHINDA	S-NPP	75.11809	30.36708	14:24:00	D	4.70
209	BATHINDA	BATHINDA	S-NPP	75.13065	30.36770	14:24:00	D	9.50
210	BATHINDA	BATHINDA	S-NPP	74.88158	30.38144	12:48:00	D	1.90
211	BATHINDA	RAMPURA PHUL	S-NPP	75.10999	30.15877	14:24:00	D	2.70
212	BATHINDA	RAMPURA PHUL	S-NPP	75.19691	30.18285	14:24:00	D	3.70
213	BATHINDA	RAMPURA PHUL	S-NPP	75.23824	30.18310	14:24:00	D	4.40
214	BATHINDA	RAMPURA PHUL	S-NPP	75.35070	30.18395	14:24:00	D	4.70

215	BATHINDA	RAMPURA PHUL	S-NPP	75.26683	30.18639	14:24:00	D	4.70
216	BATHINDA	RAMPURA PHUL	S-NPP	75.15871	30.18747	14:24:00	D	3.00
217	BATHINDA	RAMPURA PHUL	S-NPP	75.23787	30.18967	14:24:00	D	3.10
218	BATHINDA	RAMPURA PHUL	S-NPP	75.35684	30.19088	14:24:00	D	9.30
219	BATHINDA	RAMPURA PHUL	S-NPP	75.23751	30.19625	14:24:00	D	3.10
220	BATHINDA	RAMPURA PHUL	S-NPP	75.31442	30.19970	14:24:00	D	3.40
221	BATHINDA	RAMPURA PHUL	S-NPP	75.18002	30.20021	14:24:00	D	4.20
222	BATHINDA	RAMPURA PHUL	S-NPP	75.28532	30.20053	14:24:00	D	3.60
223	BATHINDA	RAMPURA PHUL	S-NPP	75.29173	30.20086	14:24:00	D	5.00
224	BATHINDA	RAMPURA PHUL	S-NPP	75.28191	30.20485	14:24:00	D	4.70
225	BATHINDA	RAMPURA PHUL	S-NPP	75.31405	30.20630	14:24:00	D	10.10
226	BATHINDA	RAMPURA PHUL	S-NPP	75.25267	30.20664	12:48:00	D	7.60
227	BATHINDA	RAMPURA PHUL	S-NPP	75.27793	30.21997	14:24:00	D	5.60
228	BATHINDA	RAMPURA PHUL	S-NPP	75.36502	30.22185	14:24:00	D	4.60
229	BATHINDA	RAMPURA PHUL	S-NPP	75.37151	30.22215	14:24:00	D	6.50
230	BATHINDA	RAMPURA PHUL	S-NPP	75.36809	30.22463	14:24:00	D	7.90
231	BATHINDA	RAMPURA PHUL	S-NPP	75.22891	30.23539	14:24:00	D	5.10
232	BATHINDA	RAMPURA PHUL	S-NPP	75.20909	30.24762	14:24:00	D	5.30
233	BATHINDA	RAMPURA PHUL	S-NPP	75.33629	30.27357	14:24:00	D	7.80
234	BATHINDA	RAMPURA PHUL	S-NPP	75.33595	30.28018	14:24:00	D	7.80
235	BATHINDA	RAMPURA PHUL	S-NPP	75.21741	30.29288	14:24:00	D	10.50
236	BATHINDA	RAMPURA PHUL	S-NPP	75.21935	30.29423	14:24:00	D	5.80
237	BATHINDA	RAMPURA PHUL	S-NPP	75.21265	30.30048	14:24:00	D	5.80
238	BATHINDA	RAMPURA PHUL	S-NPP	75.13603	30.30967	14:24:00	D	13.40
239	BATHINDA	RAMPURA PHUL	S-NPP	75.19681	30.31828	14:24:00	D	4.70
240	BATHINDA	RAMPURA PHUL	S-NPP	75.19889	30.31952	14:24:00	D	7.70
241	BATHINDA	RAMPURA PHUL	S-NPP	75.27956	30.32868	14:24:00	D	2.40
242	BATHINDA	RAMPURA PHUL	S-NPP	75.13245	30.33498	14:24:00	D	13.90
243	BATHINDA	RAMPURA PHUL	S-NPP	75.13875	30.33528	14:24:00	D	14.40
244	BATHINDA	RAMPURA PHUL	S-NPP	75.19572	30.33798	14:24:00	D	4.80
245	BATHINDA	RAMPURA PHUL	S-NPP	75.25318	30.34068	14:24:00	D	5.40

246	BATHINDA	RAMPURA PHUL	S-NPP	75.23254	30.36610	14:24:00	D	3.70
247	BATHINDA	RAMPURA PHUL	S-NPP	75.30963	30.36980	14:24:00	D	7.20
248	BATHINDA	RAMPURA PHUL	S-NPP	75.23184	30.37926	14:24:00	D	2.90
249	BATHINDA	RAMPURA PHUL	S-NPP	75.26697	30.38540	14:24:00	D	7.20
250	BATHINDA	RAMPURA PHUL	S-NPP	75.26353	30.38742	14:24:00	D	5.80
251	BATHINDA	RAMPURA PHUL	S-NPP	75.14853	30.38829	14:24:00	D	5.80
252	BATHINDA	RAMPURA PHUL	S-NPP	75.20818	30.40263	14:24:00	D	2.50
253	BATHINDA	RAMPURA PHUL	S-NPP	75.17314	30.40268	14:24:00	D	2.40
254	BATHINDA	RAMPURA PHUL	S-NPP	75.14085	30.41417	14:24:00	D	11.20
255	BATHINDA	RAMPURA PHUL	S-NPP	75.30443	30.41650	12:48:00	D	6.40
256	BATHINDA	RAMPURA PHUL	S-NPP	75.21062	30.41776	14:24:00	D	6.20
257	BATHINDA	RAMPURA PHUL	S-NPP	75.29459	30.42010	12:48:00	D	6.20
258	BATHINDA	RAMPURA PHUL	S-NPP	75.29859	30.42088	12:48:00	D	6.40
259	BATHINDA	RAMPURA PHUL	S-NPP	75.29865	30.42112	12:48:00	D	9.30
260	BATHINDA	RAMPURA PHUL	S-NPP	75.21347	30.42264	14:24:00	D	2.70
261	BATHINDA	RAMPURA PHUL	S-NPP	75.25798	30.43126	14:24:00	D	8.20
262	BATHINDA	RAMPURA PHUL	S-NPP	75.12382	30.43165	14:24:00	D	6.00
263	BATHINDA	RAMPURA PHUL	S-NPP	75.24194	30.43257	14:24:00	D	4.50
264	BATHINDA	RAMPURA PHUL	S-NPP	75.26118	30.43356	14:24:00	D	9.60
265	BATHINDA	RAMPURA PHUL	S-NPP	75.27696	30.43875	14:24:00	D	6.90
266	BATHINDA	RAMPURA PHUL	S-NPP	75.13609	30.43879	14:24:00	D	6.50
267	BATHINDA	RAMPURA PHUL	S-NPP	75.02897	30.44023	14:24:00	D	5.30
268	BATHINDA	RAMPURA PHUL	S-NPP	75.19325	30.44148	14:24:00	D	2.90
269	BATHINDA	RAMPURA PHUL	S-NPP	75.07832	30.45570	14:24:00	D	9.40
270	BATHINDA	RAMPURA PHUL	S-NPP	75.04124	30.45658	12:48:00	D	3.70
271	BATHINDA	RAMPURA PHUL	S-NPP	75.10974	30.45722	14:24:00	D	10.30
272	BATHINDA	RAMPURA PHUL	S-NPP	75.07795	30.46223	14:24:00	D	9.40
273	BATHINDA	RAMPURA PHUL	S-NPP	75.15330	30.47247	14:24:00	D	7.80
274	BATHINDA	RAMPURA PHUL	S-NPP	75.04700	30.47373	12:48:00	D	2.40
275	BATHINDA	RAMPURA PHUL	S-NPP	75.19785	30.47464	14:24:00	D	11.50
276	BATHINDA	RAMPURA PHUL	S-NPP	75.04855	30.47601	12:48:00	D	2.50

277	BATHINDA	RAMPURA PHUL	S-NPP	75.11498	30.47716	14:24:00	D	9.30
278	BATHINDA	RAMPURA PHUL	S-NPP	75.14027	30.47841	14:24:00	D	8.60
279	BATHINDA	RAMPURA PHUL	S-NPP	75.14660	30.47872	14:24:00	D	7.80
280	BATHINDA	RAMPURA PHUL	S-NPP	75.15295	30.47903	14:24:00	D	7.80
281	BATHINDA	RAMPURA PHUL	S-NPP	75.22383	30.49419	14:24:00	D	9.70
282	BATHINDA	RAMPURA PHUL	S-NPP	75.22876	30.49594	14:24:00	D	11.10
283	BATHINDA	RAMPURA PHUL	S-NPP	75.13861	30.49679	12:48:00	D	8.10
284	BATHINDA	RAMPURA PHUL	S-NPP	75.13627	30.49748	12:48:00	D	6.70
285	BATHINDA	RAMPURA PHUL	S-NPP	75.14043	30.49850	12:48:00	D	7.40
286	BATHINDA	RAMPURA PHUL	S-NPP	75.14651	30.50396	14:24:00	D	6.60
287	BATHINDA	RAMPURA PHUL	S-NPP	75.14523	30.50494	14:24:00	D	6.70
288	BATHINDA	RAMPURA PHUL	S-NPP	75.08590	30.50701	12:48:00	D	3.80
289	BATHINDA	RAMPURA PHUL	S-NPP	75.11503	30.51430	12:48:00	D	6.00
290	BATHINDA	TALWANDI SABO	S-NPP	75.14014	29.80885	14:24:00	D	3.50
291	BATHINDA	TALWANDI SABO	S-NPP	75.03523	29.97912	14:24:00	D	6.80
292	BATHINDA	TALWANDI SABO	S-NPP	74.94251	30.00047	14:24:00	D	4.00
293	BATHINDA	TALWANDI SABO	S-NPP	74.94196	30.00056	14:24:00	D	3.30
294	BATHINDA	TALWANDI SABO	S-NPP	74.97851	30.00237	14:24:00	D	5.20
295	BATHINDA	TALWANDI SABO	S-NPP	74.97902	30.00250	14:24:00	D	4.90
296	BATHINDA	TALWANDI SABO	S-NPP	74.98462	30.00268	14:24:00	D	6.90
297	BATHINDA	TALWANDI SABO	S-NPP	74.98512	30.00284	14:24:00	D	4.90
298	BATHINDA	TALWANDI SABO	S-NPP	75.09660	30.00636	12:48:00	D	3.10
299	BATHINDA	TALWANDI SABO	S-NPP	75.00869	30.01037	14:24:00	D	7.10
300	BATHINDA	TALWANDI SABO	S-NPP	75.12353	30.03668	12:48:00	D	3.20
301	BATHINDA	TALWANDI SABO	S-NPP	75.18144	30.03850	14:24:00	D	2.60
302	BATHINDA	TALWANDI SABO	S-NPP	75.23597	30.04079	12:48:00	D	20.00
303	BATHINDA	TALWANDI SABO	S-NPP	75.24016	30.04181	12:48:00	D	16.90
304	BATHINDA	TALWANDI SABO	S-NPP	75.19472	30.04239	12:48:00	D	4.50
305	BATHINDA	TALWANDI SABO	S-NPP	74.93887	30.05224	14:24:00	D	13.00
306	BATHINDA	TALWANDI SABO	S-NPP	75.21852	30.05347	14:24:00	D	4.00
307	BATHINDA	TALWANDI SABO	S-NPP	74.91549	30.07106	12:48:00	D	6.20



308	BATHINDA	TALWANDI SABO	S-NPP	75.19190	30.07842	14:24:00	D	6.30
309	BATHINDA	TALWANDI SABO	S-NPP	75.05353	30.09082	14:24:00	D	4.00
310	BATHINDA	TALWANDI SABO	S-NPP	75.24177	30.09415	14:24:00	D	6.80
311	BATHINDA	TALWANDI SABO	S-NPP	75.09858	30.13857	14:24:00	D	6.40
312	FARIDKOT	FARIDKOT	S-NPP	74.76236	30.49145	14:24:00	D	8.70
313	FARIDKOT	FARIDKOT	S-NPP	74.76305	30.49275	14:24:00	D	5.40
314	FARIDKOT	FARIDKOT	S-NPP	74.75564	30.50396	14:24:00	D	1.80
315	FARIDKOT	FARIDKOT	S-NPP	74.75626	30.50530	14:24:00	D	3.00
316	FARIDKOT	FARIDKOT	S-NPP	74.73708	30.52366	14:24:00	D	4.60
317	FARIDKOT	FARIDKOT	S-NPP	74.77918	30.52575	14:24:00	D	5.00
318	FARIDKOT	FARIDKOT	S-NPP	74.73072	30.52977	14:24:00	D	3.10
319	FARIDKOT	FARIDKOT	S-NPP	74.76673	30.53158	14:24:00	D	6.80
320	FARIDKOT	FARIDKOT	S-NPP	74.69500	30.56747	14:24:00	D	18.40
321	FARIDKOT	FARIDKOT	S-NPP	74.87340	30.58223	14:24:00	D	3.80
322	FARIDKOT	FARIDKOT	S-NPP	74.72739	30.58748	14:24:00	D	3.90
323	FARIDKOT	FARIDKOT	S-NPP	74.72375	30.58810	14:24:00	D	2.80
324	FARIDKOT	FARIDKOT	S-NPP	74.79607	30.59151	14:24:00	D	3.10
325	FARIDKOT	FARIDKOT	S-NPP	74.68119	30.59891	14:24:00	D	5.10
326	FARIDKOT	FARIDKOT	S-NPP	74.65624	30.61692	14:24:00	D	8.10
327	FARIDKOT	FARIDKOT	S-NPP	74.68604	30.61840	14:24:00	D	2.10
328	FARIDKOT	FARIDKOT	S-NPP	74.65586	30.62331	14:24:00	D	8.10
329	FARIDKOT	FARIDKOT	S-NPP	74.87959	30.62782	14:24:00	D	5.50
330	FARIDKOT	FARIDKOT	S-NPP	74.88463	30.64752	14:24:00	D	6.00
331	FARIDKOT	FARIDKOT	S-NPP	74.89005	30.66077	14:24:00	D	6.00
332	FARIDKOT	FARIDKOT	S-NPP	74.89618	30.66107	14:24:00	D	7.30
333	FARIDKOT	FARIDKOT	S-NPP	74.71582	30.69196	14:24:00	D	6.30
334	FARIDKOT	FARIDKOT	S-NPP	74.72184	30.69225	14:24:00	D	6.30
335	FARIDKOT	FARIDKOT	S-NPP	74.71545	30.69838	14:24:00	D	8.20
336	FARIDKOT	FARIDKOT	S-NPP	74.72146	30.69866	14:24:00	D	8.20
337	FARIDKOT	FARIDKOT	S-NPP	74.87849	30.71101	12:48:00	D	5.50
338	FARIDKOT	FARIDKOT	S-NPP	74.88696	30.71313	12:48:00	D	5.30

339	FARIDKOT	FARIDKOT	S-NPP	74.72523	30.73746	14:24:00	D	5.10
340	FARIDKOT	FARIDKOT	S-NPP	74.82152	30.75513	14:24:00	D	3.80
341	FARIDKOT	FARIDKOT	S-NPP	74.70003	30.75551	14:24:00	D	7.80
342	FARIDKOT	FARIDKOT	S-NPP	74.70603	30.75581	14:24:00	D	7.80
343	FARIDKOT	JAITO	S-NPP	74.85204	30.38597	12:48:00	D	4.70
344	FARIDKOT	JAITO	S-NPP	74.85635	30.38704	12:48:00	D	4.70
345	FARIDKOT	JAITO	S-NPP	75.04116	30.39591	14:24:00	D	2.60
346	FARIDKOT	JAITO	S-NPP	74.77589	30.40285	12:48:00	D	2.50
347	FARIDKOT	JAITO	S-NPP	74.85529	30.41201	14:24:00	D	2.60
348	FARIDKOT	JAITO	S-NPP	74.85777	30.41243	14:24:00	D	3.80
349	FARIDKOT	JAITO	S-NPP	74.91888	30.41539	14:24:00	D	2.00
350	FARIDKOT	JAITO	S-NPP	74.94695	30.41698	14:24:00	D	4.10
351	FARIDKOT	JAITO	S-NPP	74.77847	30.42144	14:24:00	D	5.50
352	FARIDKOT	JAITO	S-NPP	75.01460	30.42642	12:48:00	D	2.40
353	FARIDKOT	JAITO	S-NPP	74.80212	30.42906	14:24:00	D	3.60
354	FARIDKOT	JAITO	S-NPP	74.74747	30.43973	12:48:00	D	9.50
355	FARIDKOT	JAITO	S-NPP	74.91084	30.44809	12:48:00	D	3.20
356	FARIDKOT	JAITO	S-NPP	74.82481	30.45604	14:24:00	D	5.30
357	FARIDKOT	JAITO	S-NPP	74.77016	30.45966	14:24:00	D	9.70
358	FARIDKOT	JAITO	S-NPP	74.77617	30.45997	14:24:00	D	15.30
359	FARIDKOT	JAITO	S-NPP	74.80024	30.46123	14:24:00	D	4.90
360	FARIDKOT	JAITO	S-NPP	75.03618	30.46510	12:48:00	D	4.60
361	FARIDKOT	JAITO	S-NPP	75.02926	30.46539	12:48:00	D	3.00
362	FARIDKOT	JAITO	S-NPP	75.00635	30.46565	12:48:00	D	3.70
363	FARIDKOT	JAITO	S-NPP	75.03349	30.46643	12:48:00	D	6.60
364	FARIDKOT	JAITO	S-NPP	74.84886	30.47742	14:24:00	D	5.30
365	FARIDKOT	JAITO	S-NPP	74.91617	30.48051	14:24:00	D	12.20
366	FARIDKOT	JAITO	S-NPP	75.01474	30.49150	14:24:00	D	11.80
367	FARIDKOT	JAITO	S-NPP	74.82870	30.49500	14:24:00	D	2.60
368	FARIDKOT	JAITO	S-NPP	74.82948	30.49591	14:24:00	D	4.70
369	FARIDKOT	JAITO	S-NPP	74.97445	30.51448	12:48:00	D	4.10

370	FARIDKOT	JAITO	S-NPP	74.82189	30.52139	14:24:00	D	7.20
371	FARIDKOT	JAITO	S-NPP	74.95457	30.53316	12:48:00	D	2.00
372	FARIDKOT	JAITO	S-NPP	74.96246	30.53469	14:24:00	D	6.70
373	FARIDKOT	JAITO	S-NPP	74.95522	30.54512	12:48:00	D	3.00
374	FATEHGARH SAHIB	ALMOH	S-NPP	76.08739	30.56600	12:48:00	D	4.40
375	FATEHGARH SAHIB	ALMOH	S-NPP	76.16946	30.64159	14:24:00	D	7.30
376	FATEHGARH SAHIB	ALMOH	S-NPP	76.16468	30.64242	14:24:00	D	5.20
377	FATEHGARH SAHIB	ALMOH	S-NPP	76.15411	30.65491	14:24:00	D	7.70
378	FATEHGARH SAHIB	ALMOH	S-NPP	76.15676	30.65596	14:24:00	D	10.20
379	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.42986	30.45989	12:48:00	D	4.60
380	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.40832	30.46454	14:24:00	D	6.50
381	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.41074	30.46680	14:24:00	D	6.50
382	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.42046	30.49022	12:48:00	D	2.90
383	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.41909	30.49184	12:48:00	D	2.70
384	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.45210	30.49432	12:48:00	D	2.40
385	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.46023	30.49454	14:24:00	D	4.50
386	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.45200	30.49754	12:48:00	D	2.70
387	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.37143	30.52394	12:48:00	D	1.10
388	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.38428	30.56724	14:24:00	D	18.60
389	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.38880	30.56900	14:24:00	D	11.20
390	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.40369	30.76241	12:48:00	D	2.90
391	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.38068	30.76656	14:24:00	D	6.60
392	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.37144	30.78183	12:48:00	D	4.80
393	FIROZPUR	ABOHAR	S-NPP	74.15070	30.15040	14:24:00	D	2.40
394	FIROZPUR	ABOHAR	S-NPP	74.22665	30.16743	14:24:00	D	2.70
395	FIROZPUR	ABOHAR	S-NPP	74.20425	30.19536	14:24:00	D	6.10
396	FIROZPUR	FAZILKA	S-NPP	74.01286	30.20305	14:24:00	D	3.70
397	FIROZPUR	FAZILKA	S-NPP	74.06047	30.21818	14:24:00	D	6.70
398	FIROZPUR	FAZILKA	S-NPP	74.04807	30.24219	14:24:00	D	2.80
399	FIROZPUR	FAZILKA	S-NPP	74.28122	30.27785	12:48:00	D	3.30
400	FIROZPUR	FAZILKA	S-NPP	74.19421	30.30563	14:24:00	D	6.70

401	FIROZPUR	FAZILKA	S-NPP	74.24364	30.31463	14:24:00	D	4.00
402	FIROZPUR	FAZILKA	S-NPP	74.25861	30.31526	12:48:00	D	9.50
403	FIROZPUR	FAZILKA	S-NPP	74.26038	30.31557	14:24:00	D	5.60
404	FIROZPUR	FAZILKA	S-NPP	74.26595	30.31588	14:24:00	D	5.60
405	FIROZPUR	FAZILKA	S-NPP	74.31067	30.31836	14:24:00	D	4.70
406	FIROZPUR	FAZILKA	S-NPP	74.13174	30.32615	12:48:00	D	2.50
407	FIROZPUR	FAZILKA	S-NPP	74.29881	30.33174	12:48:00	D	3.50
408	FIROZPUR	FAZILKA	S-NPP	73.98486	30.33693	14:24:00	D	3.40
409	FIROZPUR	FAZILKA	S-NPP	74.12563	30.34528	14:24:00	D	2.10
410	FIROZPUR	FAZILKA	S-NPP	74.12685	30.35000	14:24:00	D	5.10
411	FIROZPUR	FAZILKA	S-NPP	74.12521	30.35147	14:24:00	D	9.50
412	FIROZPUR	FAZILKA	S-NPP	73.93022	30.35209	14:24:00	D	4.10
413	FIROZPUR	FAZILKA	S-NPP	74.12095	30.35590	14:24:00	D	6.10
414	FIROZPUR	FAZILKA	S-NPP	74.11936	30.35733	14:24:00	D	6.20
415	FIROZPUR	FAZILKA	S-NPP	73.95737	30.36556	14:24:00	D	2.80
416	FIROZPUR	FAZILKA	S-NPP	73.99450	30.37379	14:24:00	D	4.80
417	FIROZPUR	FAZILKA	S-NPP	73.92450	30.37603	14:24:00	D	3.20
418	FIROZPUR	FAZILKA	S-NPP	74.17975	30.38395	14:24:00	D	7.00
419	FIROZPUR	FAZILKA	S-NPP	74.13494	30.39396	14:24:00	D	4.90
420	FIROZPUR	FAZILKA	S-NPP	74.19550	30.39729	14:24:00	D	4.00
421	FIROZPUR	FAZILKA	S-NPP	73.98209	30.39777	14:24:00	D	6.30
422	FIROZPUR	FAZILKA	S-NPP	74.00279	30.41130	14:24:00	D	7.50
423	FIROZPUR	FAZILKA	S-NPP	74.23828	30.42464	14:24:00	D	3.90
424	FIROZPUR	FAZILKA	S-NPP	74.00159	30.42936	14:24:00	D	2.40
425	FIROZPUR	FAZILKA	S-NPP	74.09377	30.43513	14:24:00	D	2.40
426	FIROZPUR	FAZILKA	S-NPP	74.09353	30.44035	14:24:00	D	7.30
427	FIROZPUR	FAZILKA	S-NPP	74.15311	30.45589	14:24:00	D	3.10
428	FIROZPUR	FAZILKA	S-NPP	74.15292	30.45722	14:24:00	D	7.20
429	FIROZPUR	FAZILKA	S-NPP	74.03195	30.46188	14:24:00	D	5.60
430	FIROZPUR	FAZILKA	S-NPP	74.03197	30.46247	14:24:00	D	9.00
431	FIROZPUR	FAZILKA	S-NPP	74.09144	30.47128	14:24:00	D	5.30

432	FIROZPUR	FAZILKA	S-NPP	74.09690	30.47157	14:24:00	D	5.30
433	FIROZPUR	FAZILKA	S-NPP	74.09139	30.47224	14:24:00	D	4.60
434	FIROZPUR	FAZILKA	S-NPP	74.09684	30.47257	14:24:00	D	7.60
435	FIROZPUR	FAZILKA	S-NPP	74.06290	30.48834	14:24:00	D	4.80
436	FIROZPUR	FAZILKA	S-NPP	74.10036	30.50282	14:24:00	D	8.30
437	FIROZPUR	FAZILKA	S-NPP	74.12782	30.50434	14:24:00	D	2.20
438	FIROZPUR	FAZILKA	S-NPP	74.09996	30.50901	14:24:00	D	29.70
439	FIROZPUR	FAZILKA	S-NPP	74.11601	30.51613	14:24:00	D	7.60
440	FIROZPUR	FIROZPUR	S-NPP	74.44726	30.81696	12:48:00	D	1.50
441	FIROZPUR	FIROZPUR	S-NPP	74.74079	30.82900	14:24:00	D	5.70
442	FIROZPUR	FIROZPUR	S-NPP	74.90652	30.83037	14:24:00	D	7.30
443	FIROZPUR	FIROZPUR	S-NPP	74.90364	30.83068	14:24:00	D	8.40
444	FIROZPUR	FIROZPUR	S-NPP	74.42002	30.84029	12:48:00	D	2.80
445	FIROZPUR	FIROZPUR	S-NPP	74.70952	30.84681	14:24:00	D	8.10
446	FIROZPUR	FIROZPUR	S-NPP	74.83053	30.85696	12:48:00	D	4.50
447	FIROZPUR	FIROZPUR	S-NPP	74.46286	30.85712	12:48:00	D	5.90
448	FIROZPUR	FIROZPUR	S-NPP	74.47077	30.86022	14:24:00	D	5.00
449	FIROZPUR	FIROZPUR	S-NPP	74.68396	30.87126	14:24:00	D	9.40
450	FIROZPUR	FIROZPUR	S-NPP	74.68361	30.87768	14:24:00	D	9.90
451	FIROZPUR	FIROZPUR	S-NPP	74.67793	30.88521	14:24:00	D	6.00
452	FIROZPUR	FIROZPUR	S-NPP	74.74970	30.90138	14:24:00	D	9.10
453	FIROZPUR	FIROZPUR	S-NPP	74.70693	30.90585	14:24:00	D	3.70
454	FIROZPUR	FIROZPUR	S-NPP	74.74857	30.90681	14:24:00	D	7.80
455	FIROZPUR	FIROZPUR	S-NPP	74.74934	30.90782	14:24:00	D	4.70
456	FIROZPUR	FIROZPUR	S-NPP	74.70588	30.91101	14:24:00	D	4.90
457	FIROZPUR	FIROZPUR	S-NPP	74.69348	30.91679	14:24:00	D	10.90
458	FIROZPUR	FIROZPUR	S-NPP	74.69408	30.91813	14:24:00	D	7.70
459	FIROZPUR	FIROZPUR	S-NPP	74.77217	30.92096	14:24:00	D	6.20
460	FIROZPUR	FIROZPUR	S-NPP	74.76683	30.92155	14:24:00	D	6.90
461	FIROZPUR	FIROZPUR	S-NPP	74.77291	30.92183	14:24:00	D	11.50
462	FIROZPUR	FIROZPUR	S-NPP	74.71120	30.92418	14:24:00	D	5.10

463	FIROZPUR	FIROZPUR	S-NPP	74.71184	30.92541	14:24:00	D	4.40
464	FIROZPUR	FIROZPUR	S-NPP	74.77185	30.92741	14:24:00	D	6.20
465	FIROZPUR	FIROZPUR	S-NPP	74.71146	30.93183	14:24:00	D	5.40
466	FIROZPUR	FIROZPUR	S-NPP	74.73531	30.93942	14:24:00	D	9.30
467	FIROZPUR	FIROZPUR	S-NPP	74.75101	30.98538	14:24:00	D	3.20
468	FIROZPUR	FIROZPUR	S-NPP	74.77364	31.01885	14:24:00	D	3.20
469	FIROZPUR	FIROZPUR	S-NPP	74.78498	31.07190	12:48:00	D	3.60
470	FIROZPUR	FIROZPUR	S-NPP	74.78390	31.07546	12:48:00	D	5.90
471	FIROZPUR	FIROZPUR	S-NPP	74.78316	31.07734	12:48:00	D	3.60
472	FIROZPUR	FIROZPUR	S-NPP	74.78406	31.09717	14:24:00	D	2.20
473	FIROZPUR	JALALABAD	S-NPP	74.29197	30.46528	14:24:00	D	4.50
474	FIROZPUR	JALALABAD	S-NPP	74.20049	30.49583	14:24:00	D	6.10
475	FIROZPUR	JALALABAD	S-NPP	74.22794	30.50357	14:24:00	D	6.70
476	FIROZPUR	JALALABAD	S-NPP	74.19969	30.50828	14:24:00	D	6.00
477	FIROZPUR	JALALABAD	S-NPP	74.20526	30.50859	14:24:00	D	6.00
478	FIROZPUR	JALALABAD	S-NPP	74.36310	30.51080	14:24:00	D	7.30
479	FIROZPUR	JALALABAD	S-NPP	74.18264	30.51359	14:24:00	D	5.90
480	FIROZPUR	JALALABAD	S-NPP	74.23272	30.51635	14:24:00	D	11.40
481	FIROZPUR	JALALABAD	S-NPP	74.18225	30.51982	14:24:00	D	5.90
482	FIROZPUR	JALALABAD	S-NPP	74.33359	30.52812	14:24:00	D	8.70
483	FIROZPUR	JALALABAD	S-NPP	74.33926	30.52843	14:24:00	D	8.70
484	FIROZPUR	JALALABAD	S-NPP	74.11520	30.52852	14:24:00	D	7.90
485	FIROZPUR	JALALABAD	S-NPP	74.13642	30.54218	14:24:00	D	4.10
486	FIROZPUR	JALALABAD	S-NPP	74.21960	30.54690	14:24:00	D	7.20
487	FIROZPUR	JALALABAD	S-NPP	74.15993	30.54768	14:24:00	D	7.80
488	FIROZPUR	JALALABAD	S-NPP	74.15811	30.54965	14:24:00	D	4.40
489	FIROZPUR	JALALABAD	S-NPP	74.31347	30.54997	12:48:00	D	4.00
490	FIROZPUR	JALALABAD	S-NPP	74.22114	30.55079	14:24:00	D	8.10
491	FIROZPUR	JALALABAD	S-NPP	74.19691	30.55187	14:24:00	D	8.00
492	FIROZPUR	JALALABAD	S-NPP	74.32240	30.55588	14:24:00	D	3.60
493	FIROZPUR	JALALABAD	S-NPP	74.19839	30.55589	14:24:00	D	4.60



494	FIROZPUR	JALALABAD	S-NPP	74.12592	30.55839	14:24:00	D	2.90
495	FIROZPUR	JALALABAD	S-NPP	74.32032	30.55885	14:24:00	D	5.40
496	FIROZPUR	JALALABAD	S-NPP	74.20280	30.56471	12:48:00	D	3.70
497	FIROZPUR	JALALABAD	S-NPP	74.15675	30.56534	12:48:00	D	8.00
498	FIROZPUR	JALALABAD	S-NPP	74.20747	30.56591	12:48:00	D	5.20
499	FIROZPUR	JALALABAD	S-NPP	74.30782	30.56691	12:48:00	D	5.80
500	FIROZPUR	JALALABAD	S-NPP	74.19716	30.57458	14:24:00	D	3.60
501	FIROZPUR	JALALABAD	S-NPP	74.37924	30.59120	12:48:00	D	3.40
502	FIROZPUR	JALALABAD	S-NPP	74.20707	30.59385	14:24:00	D	4.40
503	FIROZPUR	JALALABAD	S-NPP	74.29071	30.60591	12:48:00	D	3.20
504	FIROZPUR	JALALABAD	S-NPP	74.33579	30.61322	14:24:00	D	3.90
505	FIROZPUR	JALALABAD	S-NPP	74.34148	30.61352	14:24:00	D	6.80
506	FIROZPUR	JALALABAD	S-NPP	74.37173	30.61368	12:48:00	D	3.00
507	FIROZPUR	JALALABAD	S-NPP	74.36388	30.62101	14:24:00	D	3.00
508	FIROZPUR	JALALABAD	S-NPP	74.27275	30.62243	14:24:00	D	6.30
509	FIROZPUR	JALALABAD	S-NPP	74.23301	30.62655	14:24:00	D	5.00
510	FIROZPUR	JALALABAD	S-NPP	74.27799	30.62900	14:24:00	D	6.30
511	FIROZPUR	JALALABAD	S-NPP	74.21025	30.63156	14:24:00	D	11.00
512	FIROZPUR	JALALABAD	S-NPP	74.28041	30.63344	12:48:00	D	3.50
513	FIROZPUR	JALALABAD	S-NPP	74.37450	30.63419	14:24:00	D	3.10
514	FIROZPUR	JALALABAD	S-NPP	74.30021	30.63649	14:24:00	D	5.90
515	FIROZPUR	JALALABAD	S-NPP	74.30587	30.63680	14:24:00	D	5.70
516	FIROZPUR	JALALABAD	S-NPP	74.31155	30.63710	14:24:00	D	5.70
517	FIROZPUR	JALALABAD	S-NPP	74.31721	30.63741	14:24:00	D	9.50
518	FIROZPUR	JALALABAD	S-NPP	74.28285	30.64182	14:24:00	D	9.90
519	FIROZPUR	JALALABAD	S-NPP	74.44306	30.64418	14:24:00	D	5.60
520	FIROZPUR	JALALABAD	S-NPP	74.32817	30.64430	14:24:00	D	5.30
521	FIROZPUR	JALALABAD	S-NPP	74.33383	30.64461	14:24:00	D	5.30
522	FIROZPUR	JALALABAD	S-NPP	74.23743	30.64559	14:24:00	D	5.20
523	FIROZPUR	JALALABAD	S-NPP	74.23482	30.64965	14:24:00	D	3.20
524	FIROZPUR	JALALABAD	S-NPP	74.33346	30.65089	14:24:00	D	6.80

525	FIROZPUR	JALALABAD	S-NPP	74.33913	30.65120	14:24:00	D	8.40
526	FIROZPUR	JALALABAD	S-NPP	74.30971	30.65367	12:48:00	D	5.40
527	FIROZPUR	JALALABAD	S-NPP	74.41348	30.65526	14:24:00	D	4.50
528	FIROZPUR	JALALABAD	S-NPP	74.41109	30.65829	14:24:00	D	4.30
529	FIROZPUR	JALALABAD	S-NPP	74.30781	30.65955	14:24:00	D	7.40
530	FIROZPUR	JALALABAD	S-NPP	74.31349	30.65983	14:24:00	D	7.40
531	FIROZPUR	JALALABAD	S-NPP	74.30432	30.66187	14:24:00	D	5.40
532	FIROZPUR	JALALABAD	S-NPP	74.30997	30.66219	14:24:00	D	5.40
533	FIROZPUR	JALALABAD	S-NPP	74.32159	30.66283	12:48:00	D	2.10
534	FIROZPUR	JALALABAD	S-NPP	74.27907	30.66440	14:24:00	D	8.40
535	FIROZPUR	JALALABAD	S-NPP	74.28473	30.66469	14:24:00	D	13.40
536	FIROZPUR	JALALABAD	S-NPP	74.27565	30.66655	14:24:00	D	8.70
537	FIROZPUR	JALALABAD	S-NPP	74.28130	30.66687	14:24:00	D	6.60
538	FIROZPUR	JALALABAD	S-NPP	74.28695	30.66718	14:24:00	D	6.60
539	FIROZPUR	JALALABAD	S-NPP	74.41360	30.66812	12:48:00	D	9.90
540	FIROZPUR	JALALABAD	S-NPP	74.41811	30.66928	12:48:00	D	9.90
541	FIROZPUR	JALALABAD	S-NPP	74.27303	30.67038	14:24:00	D	8.40
542	FIROZPUR	JALALABAD	S-NPP	74.29565	30.67152	14:24:00	D	6.80
543	FIROZPUR	JALALABAD	S-NPP	74.31322	30.67290	12:48:00	D	4.00
544	FIROZPUR	JALALABAD	S-NPP	74.29221	30.67377	14:24:00	D	5.40
545	FIROZPUR	JALALABAD	S-NPP	74.36932	30.68152	14:24:00	D	4.30
546	FIROZPUR	JALALABAD	S-NPP	74.39222	30.68266	14:24:00	D	3.70
547	FIROZPUR	JALALABAD	S-NPP	74.37144	30.68454	14:24:00	D	3.10
548	FIROZPUR	JALALABAD	S-NPP	74.39433	30.68582	14:24:00	D	8.40
549	FIROZPUR	JALALABAD	S-NPP	74.32318	30.68766	12:48:00	D	5.70
550	FIROZPUR	JALALABAD	S-NPP	74.28878	30.69003	14:24:00	D	6.30
551	FIROZPUR	JALALABAD	S-NPP	74.30376	30.70103	12:48:00	D	3.30
552	FIROZPUR	JALALABAD	S-NPP	74.22327	30.70460	12:48:00	D	7.60
553	FIROZPUR	JALALABAD	S-NPP	74.32207	30.70568	12:48:00	D	4.30
554	FIROZPUR	JALALABAD	S-NPP	74.29207	30.72794	14:24:00	D	6.30
555	FIROZPUR	JALALABAD	S-NPP	74.46345	30.74967	14:24:00	D	7.40

556	FIROZPUR	JALALABAD	S-NPP	74.37638	30.74980	12:48:00	D	3.30
557	FIROZPUR	JALALABAD	S-NPP	74.37678	30.75042	12:48:00	D	2.70
558	FIROZPUR	JALALABAD	S-NPP	74.29050	30.75301	14:24:00	D	4.40
559	FIROZPUR	JALALABAD	S-NPP	74.29618	30.75332	14:24:00	D	4.40
560	FIROZPUR	JALALABAD	S-NPP	74.29250	30.75632	14:24:00	D	4.50
561	FIROZPUR	ZIRA	S-NPP	75.15501	30.85566	12:48:00	D	2.70
562	FIROZPUR	ZIRA	S-NPP	75.27143	30.86034	12:48:00	D	5.00
563	FIROZPUR	ZIRA	S-NPP	75.27092	30.86147	12:48:00	D	4.90
564	FIROZPUR	ZIRA	S-NPP	75.28749	30.86424	12:48:00	D	3.90
565	FIROZPUR	ZIRA	S-NPP	75.24380	30.86514	12:48:00	D	4.80
566	FIROZPUR	ZIRA	S-NPP	75.28693	30.86547	12:48:00	D	4.00
567	FIROZPUR	ZIRA	S-NPP	75.24340	30.86613	12:48:00	D	4.70
568	FIROZPUR	ZIRA	S-NPP	75.15791	30.87376	12:48:00	D	3.60
569	FIROZPUR	ZIRA	S-NPP	75.09600	30.88744	12:48:00	D	3.20
570	FIROZPUR	ZIRA	S-NPP	75.25880	30.89878	12:48:00	D	4.10
571	FIROZPUR	ZIRA	S-NPP	75.26281	30.89977	12:48:00	D	4.10
572	FIROZPUR	ZIRA	S-NPP	75.33573	30.90059	12:48:00	D	2.30
573	FIROZPUR	ZIRA	S-NPP	74.90665	30.90336	12:48:00	D	3.80
574	FIROZPUR	ZIRA	S-NPP	75.33623	30.91218	12:48:00	D	5.90
575	FIROZPUR	ZIRA	S-NPP	75.10530	30.91297	12:48:00	D	7.80
576	FIROZPUR	ZIRA	S-NPP	75.10352	30.91833	12:48:00	D	11.50
577	FIROZPUR	ZIRA	S-NPP	74.91396	30.92185	14:24:00	D	4.20
578	FIROZPUR	ZIRA	S-NPP	74.91494	30.92188	14:24:00	D	4.50
579	FIROZPUR	ZIRA	S-NPP	75.28205	30.93326	12:48:00	D	2.80
580	FIROZPUR	ZIRA	S-NPP	74.94503	30.94282	14:24:00	D	7.30
581	FIROZPUR	ZIRA	S-NPP	74.85768	30.94525	14:24:00	D	5.30
582	FIROZPUR	ZIRA	S-NPP	75.31612	30.94735	12:48:00	D	3.20
583	FIROZPUR	ZIRA	S-NPP	75.20737	30.94951	12:48:00	D	11.40
584	FIROZPUR	ZIRA	S-NPP	75.20695	30.94970	12:48:00	D	12.70
585	FIROZPUR	ZIRA	S-NPP	74.90489	30.94990	12:48:00	D	5.90
586	FIROZPUR	ZIRA	S-NPP	75.32234	30.95460	12:48:00	D	6.60

587	FIROZPUR	ZIRA	S-NPP	74.82616	30.95673	14:24:00	D	9.90
588	FIROZPUR	ZIRA	S-NPP	74.83230	30.95702	14:24:00	D	8.60
589	FIROZPUR	ZIRA	S-NPP	75.22575	30.95975	12:48:00	D	5.00
590	FIROZPUR	ZIRA	S-NPP	75.22529	30.96006	12:48:00	D	3.80
591	FIROZPUR	ZIRA	S-NPP	75.23781	30.96268	12:48:00	D	2.20
592	FIROZPUR	ZIRA	S-NPP	75.23729	30.96306	12:48:00	D	1.70
593	FIROZPUR	ZIRA	S-NPP	75.09573	30.96822	12:48:00	D	5.90
594	FIROZPUR	ZIRA	S-NPP	75.17408	30.97036	12:48:00	D	6.50
595	FIROZPUR	ZIRA	S-NPP	75.10621	30.97662	12:48:00	D	5.90
596	FIROZPUR	ZIRA	TERRA-1	75.07183	30.97754	11:56:00	D	39.98
597	FIROZPUR	ZIRA	S-NPP	75.18269	30.98405	12:48:00	D	1.80
598	FIROZPUR	ZIRA	S-NPP	74.98278	30.99576	14:24:00	D	8.10
599	FIROZPUR	ZIRA	S-NPP	74.97985	30.99671	14:24:00	D	10.10
600	FIROZPUR	ZIRA	S-NPP	75.16934	30.99806	12:48:00	D	2.10
601	FIROZPUR	ZIRA	S-NPP	74.95728	31.00120	14:24:00	D	2.10
602	FIROZPUR	ZIRA	S-NPP	75.16811	31.01507	12:48:00	D	2.80
603	FIROZPUR	ZIRA	S-NPP	75.00655	31.02296	14:24:00	D	4.80
604	FIROZPUR	ZIRA	S-NPP	74.94499	31.04129	12:48:00	D	3.90
605	FIROZPUR	ZIRA	S-NPP	74.87874	31.06283	14:24:00	D	5.20
606	FIROZPUR	ZIRA	S-NPP	74.91576	31.07109	14:24:00	D	5.20
607	FIROZPUR	ZIRA	S-NPP	75.07067	31.07846	12:48:00	D	6.00
608	FIROZPUR	ZIRA	S-NPP	74.91045	31.09116	12:48:00	D	3.00
609	FIROZPUR	ZIRA	S-NPP	74.86460	31.09468	14:24:00	D	6.50
610	FIROZPUR	ZIRA	S-NPP	74.86884	31.09496	14:24:00	D	4.90
611	FIROZPUR	ZIRA	S-NPP	75.00904	31.09513	14:24:00	D	2.80
612	FIROZPUR	ZIRA	S-NPP	74.82678	31.10579	14:24:00	D	4.20
613	FIROZPUR	ZIRA	S-NPP	74.82470	31.10603	14:24:00	D	3.60
614	FIROZPUR	ZIRA	S-NPP	74.91607	31.11478	12:48:00	D	3.90
615	FIROZPUR	ZIRA	S-NPP	74.91573	31.11582	12:48:00	D	4.00
616	FIROZPUR	ZIRA	S-NPP	74.93015	31.11717	14:24:00	D	6.90
617	FIROZPUR	ZIRA	S-NPP	74.92586	31.11724	14:24:00	D	4.50

618	FIROZPUR	ZIRA	S-NPP	74.93211	31.11755	14:24:00	D	4.50
619	FIROZPUR	ZIRA	S-NPP	75.07456	31.11997	12:48:00	D	3.90
620	FIROZPUR	ZIRA	S-NPP	75.02023	31.12400	12:48:00	D	2.30
621	FIROZPUR	ZIRA	S-NPP	75.01842	31.12893	12:48:00	D	4.80
622	FIROZPUR	ZIRA	S-NPP	74.90019	31.12899	14:24:00	D	3.80
623	FIROZPUR	ZIRA	S-NPP	74.91584	31.14915	14:24:00	D	5.10
624	GURDASPUR	BATALA	S-NPP	74.99522	31.87214	12:48:00	D	2.90
625	GURDASPUR	DERA BABA NANAK	S-NPP	74.91598	31.94038	12:48:00	D	3.80
626	GURDASPUR	DERA BABA NANAK	S-NPP	74.91998	31.94137	12:48:00	D	3.80
627	GURDASPUR	DERA BABA NANAK	S-NPP	74.91710	32.04498	12:48:00	D	2.70
628	GURDASPUR	GURDASPUR	S-NPP	75.25915	32.00257	12:48:00	D	2.30
629	GURDASPUR	GURDASPUR	S-NPP	75.14030	32.04670	12:48:00	D	2.60
630	GURDASPUR	GURDASPUR	S-NPP	75.13699	32.04856	12:48:00	D	1.90
631	HOSHIARPUR	DASUYA	S-NPP	75.52386	31.65379	12:48:00	D	2.50
632	HOSHIARPUR	DASUYA	S-NPP	75.58695	31.74027	12:48:00	D	1.00
633	HOSHIARPUR	DASUYA	S-NPP	75.65337	31.75650	12:48:00	D	2.10
634	HOSHIARPUR	DASUYA	S-NPP	75.60273	31.83812	12:48:00	D	2.60
635	HOSHIARPUR	DASUYA	S-NPP	75.60210	31.83819	12:48:00	D	2.40
636	HOSHIARPUR	GARHSHANKAR	S-NPP	76.14266	31.16284	12:48:00	D	14.90
637	HOSHIARPUR	GARHSHANKAR	S-NPP	76.14619	31.16368	12:48:00	D	12.70
638	HOSHIARPUR	GARHSHANKAR	S-NPP	76.03469	31.25793	12:48:00	D	2.20
639	HOSHIARPUR	HOSHIARPUR	S-NPP	75.79208	31.37087	12:48:00	D	3.20
640	JALANDHAR	JALANDHAR I	S-NPP	75.68345	31.29036	12:48:00	D	2.60
641	JALANDHAR	JALANDHAR I	S-NPP	75.68141	31.29398	12:48:00	D	2.90
642	JALANDHAR	JALANDHAR II	S-NPP	75.69730	31.45305	12:48:00	D	1.80
643	JALANDHAR	NAKODAR	S-NPP	75.50671	31.08669	12:48:00	D	2.90
644	JALANDHAR	NAKODAR	S-NPP	75.41898	31.12070	14:24:00	D	3.40
645	JALANDHAR	NAKODAR	S-NPP	75.54948	31.15145	12:48:00	D	2.60
646	JALANDHAR	NAKODAR	S-NPP	75.55109	31.15379	12:48:00	D	3.10
647	JALANDHAR	NAKODAR	S-NPP	75.45100	31.16105	12:48:00	D	2.90
648	JALANDHAR	NAKODAR	S-NPP	75.56493	31.16354	14:24:00	D	2.70

649	JALANDHAR	NAKODAR	S-NPP	75.57187	31.19632	12:48:00	D	1.90
650	JALANDHAR	PHILLAUR	S-NPP	75.63258	30.99299	14:24:00	D	5.30
651	JALANDHAR	PHILLAUR	S-NPP	75.60814	31.01843	12:48:00	D	6.40
652	JALANDHAR	PHILLAUR	S-NPP	75.72438	31.02418	12:48:00	D	4.50
653	JALANDHAR	PHILLAUR	S-NPP	75.61404	31.02548	12:48:00	D	3.00
654	JALANDHAR	PHILLAUR	S-NPP	75.54279	31.03906	12:48:00	D	4.50
655	JALANDHAR	PHILLAUR	S-NPP	75.53870	31.04111	12:48:00	D	2.90
656	JALANDHAR	PHILLAUR	S-NPP	75.54254	31.04203	12:48:00	D	4.70
657	JALANDHAR	PHILLAUR	S-NPP	75.57162	31.05464	12:48:00	D	2.30
658	JALANDHAR	PHILLAUR	S-NPP	75.73697	31.06070	12:48:00	D	1.30
659	JALANDHAR	PHILLAUR	S-NPP	75.53058	31.06429	12:48:00	D	9.20
660	JALANDHAR	PHILLAUR	S-NPP	75.89742	31.08257	12:48:00	D	1.50
661	JALANDHAR	PHILLAUR	S-NPP	75.88477	31.08506	12:48:00	D	2.90
662	JALANDHAR	PHILLAUR	S-NPP	75.53530	31.08802	12:48:00	D	1.90
663	JALANDHAR	PHILLAUR	S-NPP	75.79715	31.15074	14:24:00	D	4.40
664	JALANDHAR	PHILLAUR	S-NPP	75.67871	31.15087	12:48:00	D	2.60
665	JALANDHAR	PHILLAUR	S-NPP	75.61021	31.16645	12:48:00	D	2.00
666	JALANDHAR	PHILLAUR	S-NPP	75.60821	31.16748	12:48:00	D	2.40
667	JALANDHAR	SHAHKOT	S-NPP	75.37174	31.01228	12:48:00	D	1.60
668	JALANDHAR	SHAHKOT	S-NPP	75.37087	31.01353	12:48:00	D	2.00
669	JALANDHAR	SHAHKOT	S-NPP	75.26432	31.09779	12:48:00	D	3.30
670	JALANDHAR	SHAHKOT	S-NPP	75.26260	31.10309	12:48:00	D	3.30
671	JALANDHAR	SHAHKOT	S-NPP	75.18606	31.11285	12:48:00	D	8.10
672	JALANDHAR	SHAHKOT	S-NPP	75.19008	31.11384	12:48:00	D	8.80
673	JALANDHAR	SHAHKOT	S-NPP	75.13074	31.12224	12:48:00	D	1.90
674	JALANDHAR	SHAHKOT	S-NPP	75.12469	31.16688	12:48:00	D	4.80
675	JALANDHAR	SHAHKOT	S-NPP	75.12438	31.16712	12:48:00	D	4.60
676	KAPURTHALA	KAPURTHALA	S-NPP	75.31602	31.36552	12:48:00	D	2.10
677	KAPURTHALA	KAPURTHALA	S-NPP	75.36211	31.50368	12:48:00	D	1.40
678	KAPURTHALA	KAPURTHALA	S-NPP	75.41283	31.53855	12:48:00	D	2.90
679	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.12064	31.16590	12:48:00	D	4.80

680	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.12036	31.16611	12:48:00	D	4.60
681	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.12344	31.23606	12:48:00	D	6.70
682	LUDHIANA	JAGRAON	S-NPP	75.46392	30.60099	14:24:00	D	7.10
683	LUDHIANA	JAGRAON	S-NPP	75.41973	30.61592	14:24:00	D	3.10
684	LUDHIANA	JAGRAON	S-NPP	75.45281	30.61749	14:24:00	D	7.10
685	LUDHIANA	JAGRAON	S-NPP	75.44953	30.62045	14:24:00	D	6.50
686	LUDHIANA	JAGRAON	S-NPP	75.37920	30.63396	14:24:00	D	6.50
687	LUDHIANA	JAGRAON	S-NPP	75.44184	30.64018	14:24:00	D	3.30
688	LUDHIANA	JAGRAON	S-NPP	75.43134	30.64987	14:24:00	D	2.30
689	LUDHIANA	JAGRAON	S-NPP	75.44780	30.65380	14:24:00	D	5.40
690	LUDHIANA	JAGRAON	S-NPP	75.40942	30.66217	12:48:00	D	2.80
691	LUDHIANA	JAGRAON	S-NPP	75.45873	30.66841	12:48:00	D	3.40
692	LUDHIANA	JAGRAON	S-NPP	75.46662	30.67033	12:48:00	D	5.70
693	LUDHIANA	JAGRAON	S-NPP	75.39981	30.67862	12:48:00	D	4.00
694	LUDHIANA	JAGRAON	S-NPP	75.39853	30.68246	12:48:00	D	7.80
695	LUDHIANA	JAGRAON	S-NPP	75.39809	30.68394	12:48:00	D	4.00
696	LUDHIANA	JAGRAON	S-NPP	75.42582	30.69081	12:48:00	D	2.70
697	LUDHIANA	JAGRAON	S-NPP	75.42462	30.69448	12:48:00	D	4.30
698	LUDHIANA	JAGRAON	S-NPP	75.51230	30.70355	14:24:00	D	7.50
699	LUDHIANA	JAGRAON	S-NPP	75.44398	30.70410	14:24:00	D	6.60
700	LUDHIANA	JAGRAON	S-NPP	75.45399	30.70923	12:48:00	D	3.90
701	LUDHIANA	JAGRAON	S-NPP	75.41108	30.71009	12:48:00	D	1.40
702	LUDHIANA	JAGRAON	S-NPP	75.45792	30.71020	12:48:00	D	5.90
703	LUDHIANA	JAGRAON	S-NPP	75.54831	30.71851	12:48:00	D	5.10
704	LUDHIANA	JAGRAON	S-NPP	75.54740	30.72089	12:48:00	D	5.70
705	LUDHIANA	JAGRAON	S-NPP	75.39006	30.72212	12:48:00	D	2.40
706	LUDHIANA	JAGRAON	S-NPP	75.46460	30.72899	12:48:00	D	4.10
707	LUDHIANA	JAGRAON	S-NPP	75.48813	30.73477	12:48:00	D	4.70
708	LUDHIANA	JAGRAON	S-NPP	75.43017	30.74340	12:48:00	D	3.10
709	LUDHIANA	JAGRAON	S-NPP	75.39334	30.75158	12:48:00	D	2.20
710	LUDHIANA	JAGRAON	S-NPP	75.42673	30.75399	12:48:00	D	14.00



711	LUDHIANA	JAGRAON	S-NPP	75.45624	30.75452	14:24:00	D	6.80
712	LUDHIANA	JAGRAON	S-NPP	75.46791	30.75862	14:24:00	D	9.20
713	LUDHIANA	JAGRAON	S-NPP	75.55882	30.76345	12:48:00	D	2.60
714	LUDHIANA	JAGRAON	S-NPP	75.44757	30.76444	14:24:00	D	6.70
715	LUDHIANA	JAGRAON	S-NPP	75.48766	30.76617	14:24:00	D	3.20
716	LUDHIANA	JAGRAON	S-NPP	75.40636	30.78934	14:24:00	D	5.70
717	LUDHIANA	JAGRAON	S-NPP	75.39315	30.79160	12:48:00	D	2.70
718	LUDHIANA	JAGRAON	S-NPP	75.39941	30.79570	14:24:00	D	17.80
719	LUDHIANA	JAGRAON	S-NPP	75.51801	30.79894	12:48:00	D	3.00
720	LUDHIANA	JAGRAON	S-NPP	75.39909	30.80237	14:24:00	D	17.80
721	LUDHIANA	JAGRAON	S-NPP	75.57516	30.86596	12:48:00	D	2.80
722	LUDHIANA	JAGRAON	S-NPP	75.57348	30.87120	12:48:00	D	2.80
723	LUDHIANA	JAGRAON	S-NPP	75.43925	30.87411	14:24:00	D	4.20
724	LUDHIANA	JAGRAON	S-NPP	75.44888	30.88057	12:48:00	D	2.50
725	LUDHIANA	JAGRAON	S-NPP	75.50353	30.89383	12:48:00	D	1.40
726	LUDHIANA	JAGRAON	S-NPP	75.59193	30.90394	12:48:00	D	4.80
727	LUDHIANA	JAGRAON	S-NPP	75.46444	30.90872	14:24:00	D	3.90
728	LUDHIANA	JAGRAON	S-NPP	75.46609	30.91217	14:24:00	D	4.30
729	LUDHIANA	JAGRAON	S-NPP	75.53889	30.91371	12:48:00	D	3.10
730	LUDHIANA	JAGRAON	S-NPP	75.51222	30.91860	12:48:00	D	4.90
731	LUDHIANA	JAGRAON	S-NPP	75.47828	30.91879	12:48:00	D	5.60
732	LUDHIANA	JAGRAON	S-NPP	75.53718	30.91896	12:48:00	D	3.10
733	LUDHIANA	JAGRAON	S-NPP	75.51611	30.91954	12:48:00	D	5.80
734	LUDHIANA	JAGRAON	S-NPP	75.51099	30.92121	12:48:00	D	5.20
735	LUDHIANA	JAGRAON	S-NPP	75.47768	30.92163	12:48:00	D	5.70
736	LUDHIANA	JAGRAON	S-NPP	75.51486	30.92217	12:48:00	D	5.90
737	LUDHIANA	JAGRAON	S-NPP	75.47658	30.92405	12:48:00	D	5.60
738	LUDHIANA	JAGRAON	S-NPP	75.47594	30.92689	12:48:00	D	5.70
739	LUDHIANA	JAGRAON	S-NPP	75.60638	30.93562	12:48:00	D	2.50
740	LUDHIANA	JAGRAON	S-NPP	75.60486	30.93878	12:48:00	D	3.30
741	LUDHIANA	JAGRAON	S-NPP	75.63301	30.94324	14:24:00	D	8.80

742	LUDHIANA	JAGRAON	S-NPP	75.63484	30.94574	14:24:00	D	6.40
743	LUDHIANA	JAGRAON	S-NPP	75.52347	30.94697	12:48:00	D	7.90
744	LUDHIANA	JAGRAON	S-NPP	75.63451	30.95248	14:24:00	D	6.40
745	LUDHIANA	JAGRAON	S-NPP	75.63242	30.95674	14:24:00	D	6.80
746	LUDHIANA	KHANNA	S-NPP	76.14791	30.64640	12:48:00	D	6.30
747	LUDHIANA	KHANNA	S-NPP	76.14712	30.64674	12:48:00	D	5.70
748	LUDHIANA	KHANNA	S-NPP	76.15153	30.64725	12:48:00	D	6.70
749	LUDHIANA	KHANNA	S-NPP	76.15073	30.64762	12:48:00	D	7.00
750	LUDHIANA	KHANNA	S-NPP	76.10996	30.66020	14:24:00	D	8.90
751	LUDHIANA	KHANNA	S-NPP	76.10542	30.66068	14:24:00	D	4.90
752	LUDHIANA	KHANNA	S-NPP	76.09476	30.67345	14:24:00	D	3.40
753	LUDHIANA	KHANNA	S-NPP	76.13059	30.68867	14:24:00	D	6.10
754	LUDHIANA	KHANNA	S-NPP	76.14227	30.71147	12:48:00	D	2.80
755	LUDHIANA	KHANNA	S-NPP	76.14587	30.71233	12:48:00	D	4.30
756	LUDHIANA	KHANNA	S-NPP	76.14262	30.72253	12:48:00	D	4.40
757	LUDHIANA	KHANNA	S-NPP	76.14622	30.72338	12:48:00	D	4.40
758	LUDHIANA	KHANNA	S-NPP	76.23835	30.74763	14:24:00	D	7.40
759	LUDHIANA	KHANNA	S-NPP	76.23896	30.74854	14:24:00	D	7.30
760	LUDHIANA	KHANNA	S-NPP	76.08956	30.77024	12:48:00	D	1.80
761	LUDHIANA	LUDHIANA EAST	S-NPP	75.82897	30.72971	12:48:00	D	2.10
762	LUDHIANA	LUDHIANA EAST	S-NPP	75.73046	30.74524	12:48:00	D	2.20
763	LUDHIANA	LUDHIANA EAST	S-NPP	75.72898	30.74869	12:48:00	D	3.50
764	LUDHIANA	LUDHIANA EAST	S-NPP	75.97938	30.80710	14:24:00	D	3.70
765	LUDHIANA	LUDHIANA EAST	S-NPP	76.02570	30.87095	12:48:00	D	1.60
766	LUDHIANA	LUDHIANA EAST	S-NPP	76.05868	30.88986	12:48:00	D	3.50
767	LUDHIANA	LUDHIANA EAST	S-NPP	76.13412	30.96795	12:48:00	D	2.20
768	LUDHIANA	LUDHIANA EAST	S-NPP	76.13287	30.96824	12:48:00	D	4.70
769	LUDHIANA	LUDHIANA EAST	S-NPP	76.09035	30.96892	12:48:00	D	16.10
770	LUDHIANA	LUDHIANA EAST	S-NPP	76.13251	30.97302	12:48:00	D	2.20
771	LUDHIANA	LUDHIANA EAST	S-NPP	75.89826	30.98330	12:48:00	D	3.00
772	LUDHIANA	LUDHIANA WEST	S-NPP	75.78138	30.75182	12:48:00	D	1.90

773	LUDHIANA	LUDHIANA WEST	S-NPP	75.67273	30.76490	14:24:00	D	7.50
774	LUDHIANA	LUDHIANA WEST	S-NPP	75.67545	30.77497	12:48:00	D	4.60
775	LUDHIANA	LUDHIANA WEST	S-NPP	75.76978	30.78675	12:48:00	D	4.40
776	LUDHIANA	LUDHIANA WEST	S-NPP	75.90490	30.79186	12:48:00	D	4.70
777	LUDHIANA	LUDHIANA WEST	S-NPP	75.69877	30.79191	12:48:00	D	3.50
778	LUDHIANA	LUDHIANA WEST	S-NPP	75.90525	30.79251	12:48:00	D	4.70
779	LUDHIANA	LUDHIANA WEST	S-NPP	75.85170	30.79557	12:48:00	D	3.40
780	LUDHIANA	LUDHIANA WEST	S-NPP	75.85186	30.79652	12:48:00	D	4.60
781	LUDHIANA	LUDHIANA WEST	S-NPP	75.63449	30.81972	14:24:00	D	6.10
782	LUDHIANA	LUDHIANA WEST	S-NPP	75.63172	30.82151	14:24:00	D	5.90
783	LUDHIANA	LUDHIANA WEST	S-NPP	75.62634	30.82507	12:48:00	D	1.60
784	LUDHIANA	LUDHIANA WEST	S-NPP	75.74889	30.82650	12:48:00	D	1.10
785	LUDHIANA	LUDHIANA WEST	S-NPP	75.91723	30.82819	12:48:00	D	1.50
786	LUDHIANA	LUDHIANA WEST	S-NPP	75.65511	30.87424	12:48:00	D	7.20
787	LUDHIANA	LUDHIANA WEST	S-NPP	75.72713	30.89183	12:48:00	D	3.90
788	LUDHIANA	PAYAL	S-NPP	76.08373	30.56513	12:48:00	D	4.40
789	LUDHIANA	PAYAL	S-NPP	75.93526	30.59838	14:24:00	D	8.30
790	LUDHIANA	PAYAL	S-NPP	75.91343	30.61237	12:48:00	D	9.00
791	LUDHIANA	PAYAL	S-NPP	75.93574	30.61777	12:48:00	D	5.50
792	LUDHIANA	PAYAL	S-NPP	76.03652	30.62552	12:48:00	D	3.10
793	LUDHIANA	PAYAL	S-NPP	75.92341	30.63150	12:48:00	D	3.40
794	LUDHIANA	PAYAL	S-NPP	75.91954	30.63197	14:24:00	D	6.80
795	LUDHIANA	PAYAL	S-NPP	75.90961	30.63201	14:24:00	D	2.30
796	LUDHIANA	PAYAL	S-NPP	76.01859	30.63226	12:48:00	D	3.20
797	LUDHIANA	PAYAL	S-NPP	75.91672	30.63228	14:24:00	D	5.40
798	LUDHIANA	PAYAL	S-NPP	75.92964	30.64970	12:48:00	D	2.60
799	LUDHIANA	PAYAL	S-NPP	76.03054	30.65031	14:24:00	D	7.50
800	LUDHIANA	PAYAL	S-NPP	76.03331	30.65066	14:24:00	D	4.50
801	LUDHIANA	PAYAL	S-NPP	75.95026	30.66020	12:48:00	D	2.30
802	LUDHIANA	PAYAL	S-NPP	75.94121	30.66359	12:48:00	D	5.10
803	LUDHIANA	PAYAL	S-NPP	75.97611	30.66638	12:48:00	D	4.80

804	LUDHIANA	PAYAL	S-NPP	75.99365	30.66955	14:24:00	D	2.50
805	LUDHIANA	PAYAL	S-NPP	75.99654	30.66969	14:24:00	D	3.70
806	LUDHIANA	PAYAL	S-NPP	75.97814	30.67241	12:48:00	D	6.40
807	LUDHIANA	PAYAL	S-NPP	75.91399	30.67377	12:48:00	D	6.70
808	LUDHIANA	PAYAL	S-NPP	75.99656	30.67681	12:48:00	D	3.50
809	LUDHIANA	PAYAL	S-NPP	75.89726	30.67932	12:48:00	D	3.60
810	LUDHIANA	PAYAL	S-NPP	76.07106	30.71398	14:24:00	D	7.10
811	LUDHIANA	PAYAL	S-NPP	75.93439	30.73842	12:48:00	D	2.40
812	LUDHIANA	PAYAL	S-NPP	75.93809	30.73932	12:48:00	D	2.40
813	LUDHIANA	PAYAL	S-NPP	75.95740	30.76614	12:48:00	D	10.40
814	LUDHIANA	PAYAL	S-NPP	75.98844	30.76804	12:48:00	D	3.60
815	LUDHIANA	PAYAL	S-NPP	76.07697	30.82219	12:48:00	D	4.50
816	LUDHIANA	RAIKOT	S-NPP	75.52652	30.59789	12:48:00	D	3.30
817	LUDHIANA	RAIKOT	S-NPP	75.58785	30.60364	14:24:00	D	3.00
818	LUDHIANA	RAIKOT	S-NPP	75.58913	30.61294	12:48:00	D	1.70
819	LUDHIANA	RAIKOT	S-NPP	75.58611	30.61408	12:48:00	D	1.90
820	LUDHIANA	RAIKOT	S-NPP	75.69358	30.61688	14:24:00	D	6.50
821	LUDHIANA	RAIKOT	S-NPP	75.67437	30.62452	12:48:00	D	5.70
822	LUDHIANA	RAIKOT	S-NPP	75.67213	30.62719	12:48:00	D	3.90
823	LUDHIANA	RAIKOT	S-NPP	75.50954	30.62941	12:48:00	D	4.60
824	LUDHIANA	RAIKOT	S-NPP	75.51347	30.63037	12:48:00	D	4.60
825	LUDHIANA	RAIKOT	S-NPP	75.74391	30.63778	14:24:00	D	4.60
826	LUDHIANA	RAIKOT	S-NPP	75.74087	30.63908	14:24:00	D	5.50
827	LUDHIANA	RAIKOT	S-NPP	75.50613	30.63999	12:48:00	D	3.00
828	LUDHIANA	RAIKOT	S-NPP	75.74918	30.65687	12:48:00	D	2.80
829	LUDHIANA	RAIKOT	S-NPP	75.61353	30.67189	12:48:00	D	2.70
830	LUDHIANA	RAIKOT	S-NPP	75.78929	30.67202	12:48:00	D	1.70
831	LUDHIANA	RAIKOT	S-NPP	75.78091	30.67468	14:24:00	D	5.70
832	LUDHIANA	RAIKOT	S-NPP	75.54292	30.68312	12:48:00	D	3.90
833	LUDHIANA	RAIKOT	S-NPP	75.79353	30.70243	14:24:00	D	6.40
834	LUDHIANA	RAIKOT	S-NPP	75.55730	30.70364	12:48:00	D	5.80

835	LUDHIANA	RAIKOT	S-NPP	75.56508	30.70551	12:48:00	D	4.40
836	LUDHIANA	RAIKOT	S-NPP	75.56409	30.70796	12:48:00	D	1.70
837	LUDHIANA	RAIKOT	S-NPP	75.60812	30.75284	12:48:00	D	1.20
838	LUDHIANA	RAIKOT	S-NPP	75.61894	30.78376	12:48:00	D	2.90
839	LUDHIANA	SAMRALA	S-NPP	76.29939	30.92555	12:48:00	D	3.60
840	LUDHIANA	SAMRALA	S-NPP	76.31018	30.93894	12:48:00	D	2.90
841	LUDHIANA	SAMRALA	S-NPP	76.29114	30.93983	12:48:00	D	4.70
842	LUDHIANA	SAMRALA	S-NPP	76.23563	30.94834	12:48:00	D	3.90
843	LUDHIANA	SAMRALA	S-NPP	76.31620	30.96738	12:48:00	D	2.30
844	LUDHIANA	SAMRALA	S-NPP	76.26632	30.98266	12:48:00	D	3.90
845	LUDHIANA	SAMRALA	S-NPP	76.23852	30.98698	12:48:00	D	1.20
846	MANSA	BUDHLADA	S-NPP	75.67506	29.77786	14:24:00	D	6.80
847	MANSA	BUDHLADA	S-NPP	75.59454	29.78734	14:24:00	D	6.10
848	MANSA	BUDHLADA	S-NPP	75.64069	29.79634	14:24:00	D	6.50
849	MANSA	BUDHLADA	S-NPP	75.63742	29.79891	14:24:00	D	7.30
850	MANSA	BUDHLADA	S-NPP	75.71076	29.80884	14:24:00	D	2.80
851	MANSA	BUDHLADA	S-NPP	75.73739	29.81675	14:24:00	D	2.90
852	MANSA	BUDHLADA	S-NPP	75.43681	29.81756	12:48:00	D	3.90
853	MANSA	BUDHLADA	S-NPP	75.43652	29.81789	12:48:00	D	3.00
854	MANSA	BUDHLADA	S-NPP	75.58534	29.81901	12:48:00	D	3.00
855	MANSA	BUDHLADA	S-NPP	75.72675	29.82081	14:24:00	D	7.90
856	MANSA	BUDHLADA	S-NPP	75.72352	29.82289	14:24:00	D	3.90
857	MANSA	BUDHLADA	S-NPP	75.40176	29.87262	14:24:00	D	5.70
858	MANSA	BUDHLADA	S-NPP	75.40316	29.87464	14:24:00	D	4.90
859	MANSA	BUDHLADA	S-NPP	75.51826	29.89106	14:24:00	D	5.00
860	MANSA	BUDHLADA	S-NPP	75.46478	29.90867	14:24:00	D	11.50
861	MANSA	BUDHLADA	S-NPP	75.46622	29.91108	14:24:00	D	8.30
862	MANSA	BUDHLADA	S-NPP	75.62985	29.91607	14:24:00	D	3.70
863	MANSA	BUDHLADA	S-NPP	75.56960	29.92008	14:24:00	D	6.00
864	MANSA	BUDHLADA	S-NPP	75.57095	29.92313	14:24:00	D	4.20
865	MANSA	BUDHLADA	S-NPP	75.60838	29.94195	14:24:00	D	11.80

866	MANSA	BUDHLADA	S-NPP	75.61507	29.94226	14:24:00	D	11.80
867	MANSA	BUDHLADA	S-NPP	75.53603	29.94607	12:48:00	D	2.20
868	MANSA	BUDHLADA	S-NPP	75.53635	29.94640	12:48:00	D	2.90
869	MANSA	BUDHLADA	S-NPP	75.58669	29.97447	14:24:00	D	2.90
870	MANSA	MANSA	S-NPP	75.20747	29.91642	14:24:00	D	5.10
871	MANSA	MANSA	S-NPP	75.36613	29.93064	14:24:00	D	3.80
872	MANSA	MANSA	S-NPP	75.42131	29.93510	12:48:00	D	1.90
873	MANSA	MANSA	S-NPP	75.33270	29.94828	12:48:00	D	4.20
874	MANSA	MANSA	S-NPP	75.31437	29.94963	12:48:00	D	5.30
875	MANSA	MANSA	S-NPP	75.29908	29.96931	12:48:00	D	2.90
876	MANSA	MANSA	S-NPP	75.49945	29.99697	14:24:00	D	6.80
877	MANSA	MANSA	S-NPP	75.49879	30.01028	14:24:00	D	5.40
878	MANSA	MANSA	S-NPP	75.49874	30.01370	14:24:00	D	5.90
879	MANSA	MANSA	S-NPP	75.59108	30.02450	14:24:00	D	5.90
880	MANSA	MANSA	S-NPP	75.59069	30.02830	14:24:00	D	11.90
881	MANSA	MANSA	S-NPP	75.55081	30.02940	14:24:00	D	6.50
882	MANSA	MANSA	S-NPP	75.55744	30.02970	14:24:00	D	11.80
883	MANSA	MANSA	S-NPP	75.59074	30.03119	14:24:00	D	5.90
884	MANSA	MANSA	S-NPP	75.58965	30.05127	14:24:00	D	4.60
885	MANSA	MANSA	S-NPP	75.58931	30.05796	14:24:00	D	4.60
886	MANSA	MANSA	S-NPP	75.38490	30.06164	14:24:00	D	7.70
887	MANSA	MANSA	S-NPP	75.40183	30.08014	14:24:00	D	9.10
888	MANSA	MANSA	S-NPP	75.55467	30.08314	14:24:00	D	8.60
889	MANSA	MANSA	S-NPP	75.33028	30.08364	14:24:00	D	6.30
890	MANSA	MANSA	S-NPP	75.32549	30.08521	14:24:00	D	5.90
891	MANSA	MANSA	S-NPP	75.33192	30.08553	14:24:00	D	9.00
892	MANSA	MANSA	S-NPP	75.56632	30.08715	14:24:00	D	3.80
893	MANSA	MANSA	S-NPP	75.56761	30.09046	14:24:00	D	7.30
894	MANSA	MANSA	S-NPP	75.56595	30.09383	14:24:00	D	3.80
895	MANSA	MANSA	S-NPP	75.29108	30.09511	14:24:00	D	3.50
896	MANSA	MANSA	S-NPP	75.57392	30.09747	14:24:00	D	7.30

897	MANSA	MANSA	S-NPP	75.34892	30.09771	14:24:00	D	7.00
898	MANSA	MANSA	S-NPP	75.58557	30.10138	14:24:00	D	6.20
899	MANSA	MANSA	S-NPP	75.58692	30.10481	14:24:00	D	4.20
900	MANSA	MANSA	S-NPP	75.38625	30.12593	14:24:00	D	6.70
901	MANSA	MANSA	S-NPP	75.38792	30.12817	14:24:00	D	4.70
902	MANSA	MANSA	S-NPP	75.61053	30.13602	14:24:00	D	6.40
903	MANSA	MANSA	S-NPP	75.57856	30.13793	14:24:00	D	6.40
904	MANSA	MANSA	S-NPP	75.58524	30.13827	14:24:00	D	6.40
905	MANSA	MANSA	S-NPP	75.57674	30.14124	14:24:00	D	8.70
906	MANSA	MANSA	S-NPP	75.58342	30.14154	14:24:00	D	11.30
907	MANSA	MANSA	S-NPP	75.36366	30.18459	14:24:00	D	9.30
908	MANSA	MANSA	S-NPP	75.36040	30.18847	14:24:00	D	8.50
909	MANSA	MANSA	S-NPP	75.36687	30.18875	14:24:00	D	8.50
910	MANSA	SARDULGARH	S-NPP	75.32065	29.63915	12:48:00	D	2.20
911	MANSA	SARDULGARH	S-NPP	75.26376	29.71123	12:48:00	D	4.00
912	MANSA	SARDULGARH	S-NPP	75.39462	29.73752	14:24:00	D	8.00
913	MANSA	SARDULGARH	S-NPP	75.40033	29.75106	14:24:00	D	8.20
914	MANSA	SARDULGARH	S-NPP	75.39350	29.75735	14:24:00	D	2.40
915	MANSA	SARDULGARH	S-NPP	75.38860	29.78776	14:24:00	D	4.30
916	MANSA	SARDULGARH	S-NPP	75.39174	29.79038	14:24:00	D	4.30
917	MANSA	SARDULGARH	S-NPP	75.38786	29.80098	14:24:00	D	4.90
918	MANSA	SARDULGARH	S-NPP	75.38463	29.80326	14:24:00	D	5.80
919	MANSA	SARDULGARH	S-NPP	75.23913	29.80380	12:48:00	D	3.70
920	MOGA	BAGHA PURANA	S-NPP	75.01363	30.49169	14:24:00	D	7.10
921	MOGA	BAGHA PURANA	S-NPP	75.02554	30.49777	12:48:00	D	4.60
922	MOGA	BAGHA PURANA	S-NPP	75.01115	30.50006	12:48:00	D	4.80
923	MOGA	BAGHA PURANA	S-NPP	75.03217	30.50532	12:48:00	D	8.50
924	MOGA	BAGHA PURANA	S-NPP	75.02541	30.50535	14:24:00	D	6.00
925	MOGA	BAGHA PURANA	S-NPP	75.04123	30.51935	12:48:00	D	2.90
926	MOGA	BAGHA PURANA	S-NPP	75.01287	30.52405	14:24:00	D	9.50
927	MOGA	BAGHA PURANA	S-NPP	75.00005	30.52997	14:24:00	D	13.60



928	MOGA	BAGHA PURANA	S-NPP	75.06187	30.54597	14:24:00	D	12.90
929	MOGA	BAGHA PURANA	S-NPP	74.97218	30.54931	12:48:00	D	1.50
930	MOGA	BAGHA PURANA	S-NPP	75.05485	30.55873	14:24:00	D	7.10
931	MOGA	BAGHA PURANA	S-NPP	74.97794	30.56115	12:48:00	D	8.00
932	MOGA	BAGHA PURANA	S-NPP	74.97707	30.56230	12:48:00	D	3.50
933	MOGA	BAGHA PURANA	S-NPP	74.98130	30.56334	12:48:00	D	3.50
934	MOGA	BAGHA PURANA	S-NPP	74.95993	30.57431	12:48:00	D	29.10
935	MOGA	BAGHA PURANA	S-NPP	74.96416	30.57537	12:48:00	D	26.10
936	MOGA	BAGHA PURANA	S-NPP	74.95897	30.57553	12:48:00	D	30.80
937	MOGA	BAGHA PURANA	S-NPP	74.96323	30.57657	12:48:00	D	37.50
938	MOGA	BAGHA PURANA	S-NPP	75.06589	30.58338	12:48:00	D	4.10
939	MOGA	BAGHA PURANA	S-NPP	74.97570	30.59597	12:48:00	D	3.70
940	MOGA	BAGHA PURANA	S-NPP	74.98899	30.61107	12:48:00	D	4.00
941	MOGA	BAGHA PURANA	S-NPP	75.15955	30.62454	12:48:00	D	2.60
942	MOGA	BAGHA PURANA	S-NPP	75.15987	30.62455	12:48:00	D	2.80
943	MOGA	BAGHA PURANA	S-NPP	75.16049	30.63636	12:48:00	D	1.80
944	MOGA	BAGHA PURANA	S-NPP	75.16579	30.66096	12:48:00	D	1.20
945	MOGA	MOGA	S-NPP	75.21192	30.69560	12:48:00	D	2.90
946	MOGA	MOGA	S-NPP	75.33598	30.70306	12:48:00	D	1.40
947	MOGA	MOGA	S-NPP	75.32623	30.70642	12:48:00	D	3.00
948	MOGA	MOGA	S-NPP	75.15406	30.71041	12:48:00	D	6.00
949	MOGA	MOGA	S-NPP	75.35650	30.71961	12:48:00	D	2.30
950	MOGA	MOGA	S-NPP	75.26926	30.72125	12:48:00	D	1.20
951	MOGA	MOGA	S-NPP	75.22523	30.72203	12:48:00	D	3.10
952	MOGA	MOGA	S-NPP	75.28137	30.72422	12:48:00	D	4.40
953	MOGA	MOGA	S-NPP	75.28366	30.73055	12:48:00	D	4.40
954	MOGA	MOGA	S-NPP	75.19141	30.73079	12:48:00	D	2.20
955	MOGA	MOGA	S-NPP	75.19147	30.73116	12:48:00	D	2.50
956	MOGA	MOGA	S-NPP	75.32959	30.73601	12:48:00	D	1.90
957	MOGA	MOGA	S-NPP	75.23605	30.74197	12:48:00	D	2.00
958	MOGA	MOGA	S-NPP	75.23623	30.74206	12:48:00	D	2.20

959	MOGA	MOGA	S-NPP	75.24816	30.74500	12:48:00	D	5.20
960	MOGA	MOGA	S-NPP	75.24839	30.74502	12:48:00	D	6.00
961	MOGA	MOGA	S-NPP	75.25220	30.74601	12:48:00	D	5.20
962	MOGA	MOGA	S-NPP	75.25243	30.74601	12:48:00	D	6.00
963	MOGA	MOGA	S-NPP	75.15004	30.74949	12:48:00	D	4.40
964	MOGA	MOGA	S-NPP	75.11782	30.75311	12:48:00	D	6.00
965	MOGA	MOGA	S-NPP	75.12193	30.75413	12:48:00	D	8.40
966	MOGA	MOGA	S-NPP	75.29682	30.75680	12:48:00	D	1.60
967	MOGA	MOGA	S-NPP	75.29642	30.75707	12:48:00	D	2.00
968	MOGA	MOGA	S-NPP	75.13834	30.75821	12:48:00	D	12.10
969	MOGA	MOGA	S-NPP	75.19084	30.75965	12:48:00	D	10.60
970	MOGA	MOGA	S-NPP	75.36261	30.76702	12:48:00	D	7.20
971	MOGA	MOGA	S-NPP	75.36201	30.76769	12:48:00	D	8.00
972	MOGA	MOGA	S-NPP	75.27145	30.76792	12:48:00	D	3.90
973	MOGA	MOGA	S-NPP	75.36658	30.76799	12:48:00	D	7.20
974	MOGA	MOGA	S-NPP	75.27116	30.76807	12:48:00	D	4.30
975	MOGA	MOGA	S-NPP	75.36597	30.76868	12:48:00	D	8.00
976	MOGA	MOGA	S-NPP	75.23545	30.77075	12:48:00	D	3.80
977	MOGA	MOGA	S-NPP	75.28353	30.77085	12:48:00	D	18.70
978	MOGA	MOGA	S-NPP	75.28320	30.77107	12:48:00	D	18.90
979	MOGA	MOGA	S-NPP	75.16754	30.77707	12:48:00	D	3.00
980	MOGA	MOGA	S-NPP	75.14943	30.77840	12:48:00	D	4.50
981	MOGA	MOGA	S-NPP	75.21983	30.77844	12:48:00	D	4.90
982	MOGA	MOGA	S-NPP	75.08666	30.78033	12:48:00	D	6.80
983	MOGA	MOGA	S-NPP	75.27974	30.78175	12:48:00	D	2.60
984	MOGA	MOGA	S-NPP	75.28377	30.78275	12:48:00	D	2.60
985	MOGA	MOGA	S-NPP	75.26596	30.78410	12:48:00	D	2.90
986	MOGA	MOGA	S-NPP	75.33374	30.78604	14:24:00	D	2.90
987	MOGA	MOGA	S-NPP	75.15992	30.78680	12:48:00	D	3.00
988	MOGA	MOGA	S-NPP	75.27801	30.78708	12:48:00	D	2.60
989	MOGA	MOGA	S-NPP	75.32952	30.78834	12:48:00	D	11.60

990	MOGA	MOGA	S-NPP	75.33350	30.78933	12:48:00	D	11.60
991	MOGA	MOGA	S-NPP	75.25039	30.79179	12:48:00	D	2.60
992	MOGA	MOGA	S-NPP	75.14008	30.79351	12:48:00	D	3.10
993	MOGA	MOGA	S-NPP	75.26247	30.79478	12:48:00	D	5.40
994	MOGA	MOGA	S-NPP	75.28833	30.79540	12:48:00	D	4.20
995	MOGA	MOGA	S-NPP	75.24569	30.81949	12:48:00	D	7.40
996	MOGA	MOGA	S-NPP	75.24971	30.82047	12:48:00	D	7.30
997	MOGA	MOGA	S-NPP	75.23644	30.83453	12:48:00	D	2.50
998	MOGA	MOGA	S-NPP	75.24047	30.83551	12:48:00	D	2.50
999	MOGA	MOGA	S-NPP	75.29218	30.83664	12:48:00	D	2.60
1000	MOGA	MOGA	S-NPP	75.30818	30.84056	12:48:00	D	3.60
1001	MOGA	MOGA	S-NPP	75.30647	30.84588	12:48:00	D	3.30
1002	MOGA	MOGA	S-NPP	75.01117	30.86060	12:48:00	D	4.90
1003	MOGA	NIHAL SINGH WALA	S-NPP	75.27961	30.52084	12:48:00	D	3.30
1004	MOGA	NIHAL SINGH WALA	S-NPP	75.37769	30.53402	14:24:00	D	4.50
1005	MOGA	NIHAL SINGH WALA	S-NPP	75.30639	30.53885	12:48:00	D	2.90
1006	MOGA	NIHAL SINGH WALA	S-NPP	75.30867	30.53949	12:48:00	D	5.20
1007	MOGA	NIHAL SINGH WALA	S-NPP	75.31045	30.53986	12:48:00	D	2.90
1008	MOGA	NIHAL SINGH WALA	S-NPP	75.28895	30.54627	12:48:00	D	5.70
1009	MOGA	NIHAL SINGH WALA	S-NPP	75.29301	30.54726	12:48:00	D	5.30
1010	MOGA	NIHAL SINGH WALA	S-NPP	75.39674	30.54935	12:48:00	D	6.40
1011	MOGA	NIHAL SINGH WALA	S-NPP	75.28907	30.55191	12:48:00	D	5.00
1012	MOGA	NIHAL SINGH WALA	S-NPP	75.29126	30.55262	12:48:00	D	5.30
1013	MOGA	NIHAL SINGH WALA	S-NPP	75.29312	30.55292	12:48:00	D	5.80
1014	MOGA	NIHAL SINGH WALA	S-NPP	75.36521	30.55321	12:48:00	D	3.40
1015	MOGA	NIHAL SINGH WALA	S-NPP	75.36678	30.55393	12:48:00	D	2.70
1016	MOGA	NIHAL SINGH WALA	S-NPP	75.39248	30.55457	12:48:00	D	3.60
1017	MOGA	NIHAL SINGH WALA	S-NPP	75.39501	30.55468	12:48:00	D	6.40
1018	MOGA	NIHAL SINGH WALA	S-NPP	75.27225	30.57671	12:48:00	D	15.50
1019	MOGA	NIHAL SINGH WALA	S-NPP	75.22222	30.58175	12:48:00	D	2.40
1020	MOGA	NIHAL SINGH WALA	S-NPP	75.20001	30.58209	12:48:00	D	4.60

1021	MOGA	NIHAL SINGH WALA	S-NPP	75.17774	30.58242	12:48:00	D	2.40
1022	MOGA	NIHAL SINGH WALA	S-NPP	75.34874	30.58592	14:24:00	D	7.60
1023	MOGA	NIHAL SINGH WALA	S-NPP	75.27284	30.58844	12:48:00	D	3.40
1024	MOGA	NIHAL SINGH WALA	S-NPP	75.20645	30.58949	12:48:00	D	3.40
1025	MOGA	NIHAL SINGH WALA	S-NPP	75.34841	30.59255	14:24:00	D	7.60
1026	MOGA	NIHAL SINGH WALA	S-NPP	75.34512	30.59611	14:24:00	D	8.20
1027	MOGA	NIHAL SINGH WALA	S-NPP	75.38732	30.61085	12:48:00	D	3.40
1028	MOGA	NIHAL SINGH WALA	S-NPP	75.29830	30.61783	12:48:00	D	6.60
1029	MOGA	NIHAL SINGH WALA	S-NPP	75.20823	30.62477	12:48:00	D	2.90
1030	MOGA	NIHAL SINGH WALA	S-NPP	75.20838	30.62506	12:48:00	D	2.50
1031	MOGA	NIHAL SINGH WALA	S-NPP	75.30117	30.63585	12:48:00	D	1.80
1032	MOGA	NIHAL SINGH WALA	S-NPP	75.37469	30.63650	12:48:00	D	5.20
1033	MOGA	NIHAL SINGH WALA	S-NPP	75.37578	30.63733	14:24:00	D	6.90
1034	MOGA	NIHAL SINGH WALA	S-NPP	75.28731	30.63824	12:48:00	D	4.70
1035	MOGA	NIHAL SINGH WALA	S-NPP	75.28719	30.63900	12:48:00	D	5.60
1036	MOGA	NIHAL SINGH WALA	S-NPP	75.30618	30.66108	12:48:00	D	1.30
1037	MOGA	NIHAL SINGH WALA	S-NPP	75.30457	30.66551	12:48:00	D	2.00
1038	MOGA	NIHAL SINGH WALA	S-NPP	75.19505	30.67983	12:48:00	D	1.70
1039	MOGA	NIHAL SINGH WALA	S-NPP	75.23341	30.68352	12:48:00	D	2.40
1040	MOGA	NIHAL SINGH WALA	S-NPP	75.33141	30.69042	12:48:00	D	2.70
1041	MOGA	NIHAL SINGH WALA	S-NPP	75.23105	30.71767	12:48:00	D	4.60
1042	MUKTSAR	GIDDARBAHA	S-NPP	74.63683	30.10576	12:48:00	D	5.50
1043	MUKTSAR	GIDDARBAHA	S-NPP	74.60748	30.20451	14:24:00	D	5.30
1044	MUKTSAR	GIDDARBAHA	S-NPP	74.61253	30.21753	14:24:00	D	2.90
1045	MUKTSAR	GIDDARBAHA	S-NPP	74.66959	30.24610	14:24:00	D	5.30
1046	MUKTSAR	GIDDARBAHA	S-NPP	74.55130	30.26512	14:24:00	D	3.10
1047	MUKTSAR	GIDDARBAHA	S-NPP	74.54861	30.26773	14:24:00	D	4.10
1048	MUKTSAR	GIDDARBAHA	S-NPP	74.56793	30.27877	14:24:00	D	4.80
1049	MUKTSAR	GIDDARBAHA	S-NPP	74.59119	30.28009	14:24:00	D	7.60
1050	MUKTSAR	GIDDARBAHA	S-NPP	74.57104	30.28158	14:24:00	D	7.30
1051	MUKTSAR	GIDDARBAHA	S-NPP	74.58850	30.28246	14:24:00	D	10.70

1052	MUKTSAR	GIDDARBAHA	S-NPP	74.59432	30.28275	14:24:00	D	11.80
1053	MUKTSAR	GIDDARBAHA	S-NPP	74.58955	30.28377	12:48:00	D	4.60
1054	MUKTSAR	GIDDARBAHA	S-NPP	74.59081	30.28644	14:24:00	D	7.10
1055	MUKTSAR	GIDDARBAHA	S-NPP	74.68333	30.30757	12:48:00	D	4.40
1056	MUKTSAR	GIDDARBAHA	S-NPP	74.57918	30.33930	14:24:00	D	5.80
1057	MUKTSAR	GIDDARBAHA	S-NPP	74.60838	30.34086	14:24:00	D	2.80
1058	MUKTSAR	GIDDARBAHA	S-NPP	74.78017	30.34992	14:24:00	D	4.20
1059	MUKTSAR	GIDDARBAHA	S-NPP	74.56636	30.35771	14:24:00	D	4.20
1060	MUKTSAR	GIDDARBAHA	S-NPP	74.63617	30.36790	14:24:00	D	6.60
1061	MUKTSAR	GIDDARBAHA	S-NPP	74.63244	30.36934	14:24:00	D	5.20
1062	MUKTSAR	GIDDARBAHA	S-NPP	74.75694	30.37418	12:48:00	D	4.00
1063	MUKTSAR	GIDDARBAHA	S-NPP	74.69707	30.37888	14:24:00	D	4.30
1064	MUKTSAR	GIDDARBAHA	S-NPP	74.80166	30.39617	14:24:00	D	3.70
1065	MUKTSAR	GIDDARBAHA	S-NPP	74.56598	30.39792	14:24:00	D	3.90
1066	MUKTSAR	GIDDARBAHA	S-NPP	74.64098	30.40073	12:48:00	D	9.90
1067	MUKTSAR	GIDDARBAHA	S-NPP	74.63913	30.40629	12:48:00	D	9.90
1068	MUKTSAR	GIDDARBAHA	S-NPP	74.62843	30.40961	12:48:00	D	5.70
1069	MUKTSAR	GIDDARBAHA	S-NPP	74.73686	30.41293	14:24:00	D	7.50
1070	MUKTSAR	GIDDARBAHA	S-NPP	74.75727	30.41618	12:48:00	D	1.80
1071	MUKTSAR	GIDDARBAHA	S-NPP	74.71221	30.42453	14:24:00	D	6.70
1072	MUKTSAR	GIDDARBAHA	S-NPP	74.71819	30.42484	14:24:00	D	8.50
1073	MUKTSAR	GIDDARBAHA	S-NPP	74.68674	30.43641	12:48:00	D	2.70
1074	MUKTSAR	GIDDARBAHA	S-NPP	74.74310	30.43862	12:48:00	D	4.90
1075	MUKTSAR	GIDDARBAHA	S-NPP	74.61292	30.44191	12:48:00	D	2.90
1076	MUKTSAR	GIDDARBAHA	S-NPP	74.69917	30.44312	14:24:00	D	3.20
1077	MUKTSAR	GIDDARBAHA	S-NPP	74.61368	30.45416	12:48:00	D	3.50
1078	MUKTSAR	GIDDARBAHA	S-NPP	74.62257	30.45639	12:48:00	D	5.60
1079	MUKTSAR	GIDDARBAHA	S-NPP	74.64394	30.47222	14:24:00	D	5.60
1080	MUKTSAR	GIDDARBAHA	S-NPP	74.64452	30.47422	14:24:00	D	2.10
1081	MUKTSAR	GIDDARBAHA	S-NPP	74.63481	30.47752	12:48:00	D	2.60
1082	MUKTSAR	MALAUT	S-NPP	74.59571	29.94255	14:24:00	D	9.40

1083	MUKTSAR	MALAUT	S-NPP	74.59472	29.94472	14:24:00	D	9.20
1084	MUKTSAR	MALAUT	S-NPP	74.57697	29.95017	14:24:00	D	3.20
1085	MUKTSAR	MALAUT	S-NPP	74.57762	29.95423	14:24:00	D	7.60
1086	MUKTSAR	MALAUT	S-NPP	74.57654	29.95650	14:24:00	D	3.20
1087	MUKTSAR	MALAUT	S-NPP	74.51602	29.95854	12:48:00	D	3.50
1088	MUKTSAR	MALAUT	S-NPP	74.47350	29.96720	14:24:00	D	3.40
1089	MUKTSAR	MALAUT	S-NPP	74.47917	29.96753	14:24:00	D	3.40
1090	MUKTSAR	MALAUT	S-NPP	74.57068	29.97289	14:24:00	D	21.90
1091	MUKTSAR	MALAUT	S-NPP	74.56953	29.97519	14:24:00	D	14.00
1092	MUKTSAR	MALAUT	S-NPP	74.57529	29.97549	14:24:00	D	14.00
1093	MUKTSAR	MALAUT	S-NPP	74.55309	29.97820	14:24:00	D	8.70
1094	MUKTSAR	MALAUT	S-NPP	74.57605	29.97955	14:24:00	D	53.50
1095	MUKTSAR	MALAUT	S-NPP	74.55188	29.98061	14:24:00	D	6.60
1096	MUKTSAR	MALAUT	S-NPP	74.57489	29.98182	14:24:00	D	14.00
1097	MUKTSAR	MALAUT	S-NPP	74.51403	29.99482	12:48:00	D	4.50
1098	MUKTSAR	MALAUT	S-NPP	74.50362	30.01602	14:24:00	D	30.20
1099	MUKTSAR	MALAUT	S-NPP	74.50932	30.01633	14:24:00	D	34.30
1100	MUKTSAR	MALAUT	S-NPP	74.46571	30.03626	14:24:00	D	4.50
1101	MUKTSAR	MALAUT	S-NPP	74.55976	30.03814	14:24:00	D	8.30
1102	MUKTSAR	MALAUT	S-NPP	74.49115	30.03830	12:48:00	D	1.50
1103	MUKTSAR	MALAUT	S-NPP	74.55732	30.04085	14:24:00	D	9.70
1104	MUKTSAR	MALAUT	S-NPP	74.67596	30.04457	14:24:00	D	2.00
1105	MUKTSAR	MALAUT	S-NPP	74.59948	30.05308	14:24:00	D	9.10
1106	MUKTSAR	MALAUT	S-NPP	74.52605	30.05332	12:48:00	D	3.90
1107	MUKTSAR	MALAUT	S-NPP	74.59700	30.05554	14:24:00	D	6.60
1108	MUKTSAR	MALAUT	S-NPP	74.60281	30.05583	14:24:00	D	7.40
1109	MUKTSAR	MALAUT	S-NPP	74.48605	30.07523	14:24:00	D	5.20
1110	MUKTSAR	MALAUT	S-NPP	74.51387	30.08935	14:24:00	D	7.00
1111	MUKTSAR	MALAUT	S-NPP	74.47343	30.09353	14:24:00	D	7.00
1112	MUKTSAR	MALAUT	S-NPP	74.47913	30.09383	14:24:00	D	7.00
1113	MUKTSAR	MALAUT	S-NPP	74.50773	30.09536	14:24:00	D	7.00

1114	MUKTSAR	MALAUT	S-NPP	74.51346	30.09566	14:24:00	D	7.00
1115	MUKTSAR	MALAUT	S-NPP	74.53070	30.09658	14:24:00	D	6.70
1116	MUKTSAR	MALAUT	S-NPP	74.54797	30.09749	14:24:00	D	8.40
1117	MUKTSAR	MALAUT	S-NPP	74.56867	30.11903	12:48:00	D	4.60
1118	MUKTSAR	MALAUT	S-NPP	74.48817	30.13228	14:24:00	D	4.40
1119	MUKTSAR	MALAUT	S-NPP	74.52254	30.13418	14:24:00	D	21.80
1120	MUKTSAR	MALAUT	S-NPP	74.52829	30.13450	14:24:00	D	19.80
1121	MUKTSAR	MALAUT	S-NPP	74.52216	30.14050	14:24:00	D	7.80
1122	MUKTSAR	MALAUT	S-NPP	74.51842	30.14278	14:24:00	D	9.10
1123	MUKTSAR	MALAUT	S-NPP	74.54725	30.14421	14:24:00	D	3.20
1124	MUKTSAR	MALAUT	S-NPP	74.55025	30.14487	12:48:00	D	3.30
1125	MUKTSAR	MALAUT	S-NPP	74.41481	30.15020	14:24:00	D	6.40
1126	MUKTSAR	MALAUT	S-NPP	74.41832	30.15360	14:24:00	D	5.80
1127	MUKTSAR	MALAUT	S-NPP	74.44606	30.19601	14:24:00	D	6.00
1128	MUKTSAR	MALAUT	S-NPP	74.38322	30.24676	14:24:00	D	3.10
1129	MUKTSAR	MALAUT	S-NPP	74.38567	30.24945	14:24:00	D	5.70
1130	MUKTSAR	MALAUT	S-NPP	74.45110	30.25649	14:24:00	D	5.00
1131	MUKTSAR	MALAUT	S-NPP	74.45351	30.25962	14:24:00	D	7.20
1132	MUKTSAR	MALAUT	S-NPP	74.49861	30.27484	14:24:00	D	5.50
1133	MUKTSAR	MALAUT	S-NPP	74.31554	30.35983	14:24:00	D	8.30
1134	MUKTSAR	MUKTSAR	S-NPP	74.42190	30.35604	14:24:00	D	6.20
1135	MUKTSAR	MUKTSAR	S-NPP	74.57342	30.37282	14:24:00	D	3.90
1136	MUKTSAR	MUKTSAR	S-NPP	74.50291	30.38201	14:24:00	D	4.90
1137	MUKTSAR	MUKTSAR	S-NPP	74.50648	30.38614	14:24:00	D	8.80
1138	MUKTSAR	MUKTSAR	S-NPP	74.50253	30.38834	14:24:00	D	3.60
1139	MUKTSAR	MUKTSAR	S-NPP	74.43266	30.39740	14:24:00	D	5.80
1140	MUKTSAR	MUKTSAR	S-NPP	74.39799	30.40190	14:24:00	D	5.30
1141	MUKTSAR	MUKTSAR	S-NPP	74.49552	30.40701	14:24:00	D	4.90
1142	MUKTSAR	MUKTSAR	S-NPP	74.32314	30.41677	14:24:00	D	6.70
1143	MUKTSAR	MUKTSAR	S-NPP	74.36760	30.43179	14:24:00	D	7.50
1144	MUKTSAR	MUKTSAR	S-NPP	74.36682	30.44435	14:24:00	D	8.20



1145	MUKTSAR	MUKTSAR	S-NPP	74.55820	30.44630	12:48:00	D	4.50
1146	MUKTSAR	MUKTSAR	S-NPP	74.56268	30.44743	12:48:00	D	5.70
1147	MUKTSAR	MUKTSAR	S-NPP	74.36700	30.44798	14:24:00	D	5.10
1148	MUKTSAR	MUKTSAR	S-NPP	74.68617	30.46168	14:24:00	D	4.00
1149	MUKTSAR	MUKTSAR	S-NPP	74.58549	30.46267	14:24:00	D	6.30
1150	MUKTSAR	MUKTSAR	S-NPP	74.58599	30.46502	14:24:00	D	4.90
1151	MUKTSAR	MUKTSAR	S-NPP	74.72263	30.46511	14:24:00	D	15.80
1152	MUKTSAR	MUKTSAR	S-NPP	74.68580	30.46807	14:24:00	D	4.00
1153	MUKTSAR	MUKTSAR	S-NPP	74.73874	30.48375	14:24:00	D	6.40
1154	MUKTSAR	MUKTSAR	S-NPP	74.73287	30.48396	12:48:00	D	3.80
1155	MUKTSAR	MUKTSAR	S-NPP	74.73939	30.48518	14:24:00	D	5.10
1156	MUKTSAR	MUKTSAR	S-NPP	74.43715	30.48996	12:48:00	D	2.90
1157	MUKTSAR	MUKTSAR	S-NPP	74.71165	30.49066	12:48:00	D	1.80
1158	MUKTSAR	MUKTSAR	S-NPP	74.64886	30.49305	12:48:00	D	3.10
1159	MUKTSAR	MUKTSAR	S-NPP	74.70219	30.49462	14:24:00	D	5.90
1160	MUKTSAR	MUKTSAR	S-NPP	74.64902	30.49544	12:48:00	D	3.50
1161	MUKTSAR	MUKTSAR	S-NPP	74.65158	30.50211	12:48:00	D	3.00
1162	MUKTSAR	MUKTSAR	S-NPP	74.42475	30.53303	14:24:00	D	8.80
1163	MUKTSAR	MUKTSAR	S-NPP	74.43048	30.53334	14:24:00	D	8.80
1164	MUKTSAR	MUKTSAR	S-NPP	74.43623	30.53365	14:24:00	D	18.10
1165	MUKTSAR	MUKTSAR	S-NPP	74.41865	30.53903	14:24:00	D	5.90
1166	MUKTSAR	MUKTSAR	S-NPP	74.43584	30.53996	14:24:00	D	7.30
1167	MUKTSAR	MUKTSAR	S-NPP	74.40002	30.54149	12:48:00	D	2.50
1168	MUKTSAR	MUKTSAR	S-NPP	74.40071	30.54181	12:48:00	D	2.80
1169	MUKTSAR	MUKTSAR	S-NPP	74.65806	30.54532	14:24:00	D	6.60
1170	MUKTSAR	MUKTSAR	S-NPP	74.52073	30.54748	12:48:00	D	5.60
1171	MUKTSAR	MUKTSAR	S-NPP	74.51637	30.55063	14:24:00	D	3.20
1172	MUKTSAR	MUKTSAR	S-NPP	74.66363	30.55202	14:24:00	D	4.10
1173	MUKTSAR	MUKTSAR	S-NPP	74.47004	30.55295	12:48:00	D	4.60
1174	MUKTSAR	MUKTSAR	S-NPP	74.63948	30.55318	12:48:00	D	7.30
1175	MUKTSAR	MUKTSAR	S-NPP	74.47052	30.55368	12:48:00	D	8.90

1176	MUKTSAR	MUKTSAR	S-NPP	74.47456	30.55408	12:48:00	D	4.60
1177	MUKTSAR	MUKTSAR	S-NPP	74.56488	30.56135	14:24:00	D	8.90
1178	MUKTSAR	MUKTSAR	S-NPP	74.68902	30.56719	14:24:00	D	13.20
1179	MUKTSAR	MUKTSAR	S-NPP	74.45930	30.56896	14:24:00	D	6.70
1180	MUKTSAR	MUKTSAR	S-NPP	74.45702	30.57278	14:24:00	D	7.20
1181	MUKTSAR	MUKTSAR	S-NPP	74.60307	30.57441	14:24:00	D	10.70
1182	MUKTSAR	MUKTSAR	S-NPP	74.59935	30.57575	14:24:00	D	6.30
1183	MUKTSAR	MUKTSAR	S-NPP	74.60524	30.57604	14:24:00	D	6.30
1184	MUKTSAR	MUKTSAR	S-NPP	74.43221	30.58034	12:48:00	D	5.90
1185	MUKTSAR	MUKTSAR	S-NPP	74.62629	30.58205	14:24:00	D	6.80
1186	MUKTSAR	MUKTSAR	S-NPP	74.63443	30.58384	14:24:00	D	14.00
1187	MUKTSAR	MUKTSAR	S-NPP	74.64037	30.58412	14:24:00	D	14.00
1188	MUKTSAR	MUKTSAR	S-NPP	74.39024	30.58791	12:48:00	D	5.10
1189	MUKTSAR	MUKTSAR	S-NPP	74.44734	30.60849	12:48:00	D	3.90
1190	NAWASHAHR	BALACHAUR	S-NPP	76.40247	30.97696	12:48:00	D	2.70
1191	NAWASHAHR	NAWASHAHR	S-NPP	76.20246	31.00136	12:48:00	D	1.50
1192	NAWASHAHR	NAWASHAHR	S-NPP	76.17102	31.00469	12:48:00	D	1.80
1193	NAWASHAHR	NAWASHAHR	S-NPP	76.10412	31.01051	12:48:00	D	3.10
1194	NAWASHAHR	NAWASHAHR	S-NPP	76.16122	31.08393	12:48:00	D	2.90
1195	NAWASHAHR	NAWASHAHR	S-NPP	76.16323	31.08624	12:48:00	D	3.20
1196	NAWASHAHR	NAWASHAHR	S-NPP	75.94482	31.09393	12:48:00	D	3.70
1197	NAWASHAHR	NAWASHAHR	S-NPP	76.20068	31.11154	12:48:00	D	3.60
1198	NAWASHAHR	NAWASHAHR	S-NPP	76.06705	31.11221	12:48:00	D	1.50
1199	NAWASHAHR	NAWASHAHR	S-NPP	76.11106	31.16626	12:48:00	D	1.60
1200	PATIALA	NABHA	S-NPP	76.19574	30.29838	14:24:00	D	7.10
1201	PATIALA	NABHA	S-NPP	76.22008	30.30647	12:48:00	D	10.90
1202	PATIALA	NABHA	S-NPP	76.25184	30.33483	14:24:00	D	9.10
1203	PATIALA	NABHA	S-NPP	76.25293	30.33549	14:24:00	D	10.40
1204	PATIALA	NABHA	S-NPP	76.16845	30.33764	12:48:00	D	4.30
1205	PATIALA	NABHA	S-NPP	76.18347	30.35228	12:48:00	D	7.80
1206	PATIALA	NABHA	S-NPP	76.17014	30.35260	14:24:00	D	6.60

1207	PATIALA	NABHA	S-NPP	76.17141	30.35278	14:24:00	D	5.40
1208	PATIALA	NABHA	S-NPP	76.18711	30.35316	12:48:00	D	7.80
1209	PATIALA	NABHA	S-NPP	76.06749	30.35776	12:48:00	D	1.40
1210	PATIALA	NABHA	S-NPP	75.99100	30.35843	14:24:00	D	4.10
1211	PATIALA	NABHA	S-NPP	75.98943	30.35928	14:24:00	D	6.20
1212	PATIALA	NABHA	S-NPP	76.20248	30.37887	12:48:00	D	5.10
1213	PATIALA	NABHA	S-NPP	76.22578	30.37892	12:48:00	D	1.20
1214	PATIALA	NABHA	S-NPP	76.12090	30.41932	14:24:00	D	4.80
1215	PATIALA	NABHA	S-NPP	76.12346	30.41991	14:24:00	D	6.10
1216	PATIALA	NABHA	S-NPP	76.08401	30.43176	14:24:00	D	3.50
1217	PATIALA	NABHA	S-NPP	76.23729	30.43741	14:24:00	D	8.30
1218	PATIALA	NABHA	S-NPP	76.23242	30.43837	14:24:00	D	5.10
1219	PATIALA	NABHA	S-NPP	76.20066	30.44488	12:48:00	D	5.60
1220	PATIALA	NABHA	S-NPP	76.10537	30.44956	12:48:00	D	2.10
1221	PATIALA	NABHA	S-NPP	76.19907	30.45000	12:48:00	D	5.60
1222	PATIALA	NABHA	S-NPP	76.19748	30.45512	12:48:00	D	14.20
1223	PATIALA	NABHA	S-NPP	76.10550	30.49933	12:48:00	D	2.60
1224	PATIALA	NABHA	S-NPP	76.11282	30.50106	12:48:00	D	3.80
1225	PATIALA	NABHA	S-NPP	76.13629	30.50110	12:48:00	D	4.20
1226	PATIALA	NABHA	S-NPP	76.13993	30.50196	12:48:00	D	4.20
1227	PATIALA	NABHA	S-NPP	76.13103	30.50537	12:48:00	D	4.50
1228	PATIALA	NABHA	S-NPP	76.27052	30.50547	12:48:00	D	2.30
1229	PATIALA	NABHA	S-NPP	76.09904	30.51989	12:48:00	D	2.30
1230	PATIALA	NABHA	S-NPP	76.21350	30.54017	14:24:00	D	9.90
1231	PATIALA	NABHA	S-NPP	76.21064	30.54064	14:24:00	D	6.00
1232	PATIALA	NABHA	S-NPP	76.21802	30.54095	14:24:00	D	6.00
1233	PATIALA	PATIALA	S-NPP	76.30634	30.18581	14:24:00	D	4.40
1234	PATIALA	PATIALA	S-NPP	76.46312	30.23151	12:48:00	D	1.90
1235	PATIALA	PATIALA	S-NPP	76.34855	30.24336	14:24:00	D	4.60
1236	PATIALA	PATIALA	S-NPP	76.23928	30.24492	12:48:00	D	1.90
1237	PATIALA	PATIALA	S-NPP	76.43758	30.25273	12:48:00	D	4.20

1238	PATIALA	PATIALA	S-NPP	76.23424	30.25828	14:24:00	D	8.30
1239	PATIALA	PATIALA	S-NPP	76.22945	30.25907	14:24:00	D	4.80
1240	PATIALA	PATIALA	S-NPP	76.23681	30.25939	14:24:00	D	6.90
1241	PATIALA	PATIALA	S-NPP	76.32296	30.26167	14:24:00	D	8.00
1242	PATIALA	PATIALA	S-NPP	76.32538	30.26330	14:24:00	D	12.10
1243	PATIALA	PATIALA	S-NPP	76.38593	30.26908	12:48:00	D	3.90
1244	PATIALA	PATIALA	S-NPP	76.21162	30.27128	14:24:00	D	9.70
1245	PATIALA	PATIALA	S-NPP	76.20693	30.27194	14:24:00	D	9.90
1246	PATIALA	PATIALA	S-NPP	76.31741	30.28009	12:48:00	D	3.40
1247	PATIALA	PATIALA	S-NPP	76.37963	30.28943	12:48:00	D	3.50
1248	PATIALA	PATIALA	S-NPP	76.24823	30.29111	12:48:00	D	4.90
1249	PATIALA	PATIALA	S-NPP	76.24664	30.29624	12:48:00	D	4.90
1250	PATIALA	PATIALA	S-NPP	76.25769	30.32608	12:48:00	D	1.50
1251	PATIALA	PATIALA	S-NPP	76.34753	30.35870	12:48:00	D	2.20
1252	PATIALA	PATIALA	S-NPP	76.28410	30.36539	12:48:00	D	3.30
1253	PATIALA	PATIALA	S-NPP	76.27892	30.36963	12:48:00	D	3.30
1254	PATIALA	PATIALA	S-NPP	76.49813	30.38253	12:48:00	D	3.80
1255	PATIALA	PATIALA	S-NPP	76.50163	30.38334	12:48:00	D	4.90
1256	PATIALA	PATIALA	S-NPP	76.30144	30.38545	14:24:00	D	10.60
1257	PATIALA	PATIALA	S-NPP	76.34718	30.39686	12:48:00	D	4.40
1258	PATIALA	PATIALA	S-NPP	76.30795	30.40664	14:24:00	D	10.20
1259	PATIALA	PATIALA	S-NPP	76.51995	30.41082	12:48:00	D	1.40
1260	PATIALA	PATIALA	S-NPP	76.34286	30.42312	12:48:00	D	4.80
1261	PATIALA	PATIALA	S-NPP	76.34280	30.47093	14:24:00	D	9.70
1262	PATIALA	PATIALA	S-NPP	76.33997	30.47605	14:24:00	D	9.20
1263	PATIALA	RAJPURA	S-NPP	76.67586	30.56897	12:48:00	D	1.80
1264	PATIALA	SAMANA	S-NPP	76.16165	29.82507	12:48:00	D	5.40
1265	PATIALA	SAMANA	S-NPP	76.16242	29.83468	14:24:00	D	5.80
1266	PATIALA	SAMANA	S-NPP	76.16519	29.83513	14:24:00	D	6.20
1267	PATIALA	SAMANA	S-NPP	76.02400	29.89752	14:24:00	D	2.50
1268	PATIALA	SAMANA	S-NPP	76.02296	29.89858	14:24:00	D	4.70

1269	PATIALA	SAMANA	S-NPP	76.03073	29.90468	14:24:00	D	10.30
1270	PATIALA	SAMANA	S-NPP	76.02969	29.90570	14:24:00	D	4.70
1271	PATIALA	SAMANA	S-NPP	75.98670	29.90978	12:48:00	D	5.90
1272	PATIALA	SAMANA	S-NPP	76.13797	29.91790	12:48:00	D	2.70
1273	PATIALA	SAMANA	S-NPP	76.06944	29.91830	12:48:00	D	1.40
1274	PATIALA	SAMANA	S-NPP	75.98939	29.92732	12:48:00	D	5.70
1275	PATIALA	SAMANA	S-NPP	76.06995	29.92964	12:48:00	D	2.40
1276	PATIALA	SAMANA	S-NPP	75.98798	29.93036	12:48:00	D	5.20
1277	PATIALA	SAMANA	S-NPP	76.02892	29.93109	12:48:00	D	10.10
1278	PATIALA	SAMANA	S-NPP	76.03270	29.93199	12:48:00	D	10.10
1279	PATIALA	SAMANA	S-NPP	76.02799	29.94576	12:48:00	D	2.70
1280	PATIALA	SAMANA	S-NPP	76.02783	29.94768	12:48:00	D	2.60
1281	PATIALA	SAMANA	S-NPP	76.09927	29.96311	12:48:00	D	5.30
1282	PATIALA	SAMANA	S-NPP	76.09562	29.96370	12:48:00	D	3.40
1283	PATIALA	SAMANA	S-NPP	76.09936	29.96458	12:48:00	D	5.00
1284	PATIALA	SAMANA	S-NPP	76.03970	29.99913	12:48:00	D	5.40
1285	PATIALA	SAMANA	S-NPP	76.03807	30.00435	12:48:00	D	5.40
1286	PATIALA	SAMANA	S-NPP	76.07726	30.00815	12:48:00	D	2.60
1287	PATIALA	SAMANA	S-NPP	76.08099	30.00905	12:48:00	D	2.60
1288	PATIALA	SAMANA	S-NPP	76.13641	30.01120	12:48:00	D	1.70
1289	PATIALA	SAMANA	S-NPP	76.14382	30.01298	12:48:00	D	2.90
1290	PATIALA	SAMANA	S-NPP	76.19922	30.02627	12:48:00	D	3.90
1291	PATIALA	SAMANA	S-NPP	76.11629	30.03313	14:24:00	D	3.40
1292	PATIALA	SAMANA	S-NPP	76.09158	30.03953	12:48:00	D	3.70
1293	PATIALA	SAMANA	S-NPP	76.09531	30.04041	12:48:00	D	3.70
1294	PATIALA	SAMANA	S-NPP	76.04438	30.04358	14:24:00	D	5.80
1295	PATIALA	SAMANA	S-NPP	76.04508	30.04387	14:24:00	D	4.60
1296	PATIALA	SAMANA	S-NPP	76.08996	30.04473	12:48:00	D	3.50
1297	PATIALA	SAMANA	S-NPP	76.12884	30.04839	12:48:00	D	3.10
1298	PATIALA	SAMANA	S-NPP	76.13255	30.04927	12:48:00	D	3.10
1299	PATIALA	SAMANA	S-NPP	76.15178	30.06201	14:24:00	D	4.80

1300	PATIALA	SAMANA	S-NPP	76.17005	30.06930	12:48:00	D	2.60
1301	PATIALA	SAMANA	S-NPP	76.20184	30.10329	12:48:00	D	1.90
1302	PATIALA	SAMANA	S-NPP	76.20252	30.10467	12:48:00	D	1.80
1303	PATIALA	SAMANA	S-NPP	76.13512	30.10964	14:24:00	D	4.00
1304	PATIALA	SAMANA	S-NPP	76.13422	30.10978	14:24:00	D	5.90
1305	PATIALA	SAMANA	S-NPP	76.08349	30.11370	12:48:00	D	2.00
1306	PATIALA	SAMANA	S-NPP	76.11739	30.13297	12:48:00	D	3.00
1307	PATIALA	SAMANA	S-NPP	76.16905	30.13875	14:24:00	D	7.00
1308	PATIALA	SAMANA	S-NPP	76.17004	30.13882	14:24:00	D	4.80
1309	PATIALA	SAMANA	S-NPP	76.09049	30.14213	14:24:00	D	7.40
1310	PATIALA	SAMANA	S-NPP	76.08941	30.14252	14:24:00	D	8.10
1311	PATIALA	SAMANA	S-NPP	76.15798	30.14268	12:48:00	D	5.20
1312	PATIALA	SAMANA	S-NPP	76.16167	30.14356	12:48:00	D	9.90
1313	PATIALA	SAMANA	S-NPP	76.07846	30.16825	12:48:00	D	9.20
1314	PATIALA	SAMANA	S-NPP	76.07656	30.17230	12:48:00	D	10.30
1315	PATIALA	SAMANA	S-NPP	76.07684	30.17343	12:48:00	D	3.80
1316	RUPNAGAR	ANANDPUR SAHIB	S-NPP	76.42527	31.21325	12:48:00	D	2.00
1317	SANGRUR	DHURI	S-NPP	75.69686	30.29148	12:48:00	D	4.30
1318	SANGRUR	DHURI	S-NPP	75.67380	30.29618	14:24:00	D	5.20
1319	SANGRUR	DHURI	S-NPP	75.69519	30.29675	12:48:00	D	4.30
1320	SANGRUR	DHURI	S-NPP	75.74509	30.29739	12:48:00	D	4.90
1321	SANGRUR	DHURI	S-NPP	75.70989	30.30286	12:48:00	D	3.50
1322	SANGRUR	DHURI	S-NPP	75.70905	30.30576	12:48:00	D	4.10
1323	SANGRUR	DHURI	S-NPP	75.91543	30.30709	14:24:00	D	11.60
1324	SANGRUR	DHURI	S-NPP	75.67283	30.31413	12:48:00	D	2.90
1325	SANGRUR	DHURI	S-NPP	75.71043	30.31436	12:48:00	D	3.80
1326	SANGRUR	DHURI	S-NPP	75.70181	30.31537	12:48:00	D	8.20
1327	SANGRUR	DHURI	S-NPP	75.80322	30.31566	14:24:00	D	3.50
1328	SANGRUR	DHURI	S-NPP	75.67213	30.31632	12:48:00	D	3.20
1329	SANGRUR	DHURI	S-NPP	75.69714	30.31677	12:48:00	D	3.90
1330	SANGRUR	DHURI	S-NPP	75.70956	30.31723	12:48:00	D	3.10

1331	SANGRUR	DHURI	S-NPP	75.70101	30.31773	12:48:00	D	8.90
1332	SANGRUR	DHURI	S-NPP	75.68465	30.31960	14:24:00	D	4.00
1333	SANGRUR	DHURI	S-NPP	75.95207	30.33017	12:48:00	D	3.40
1334	SANGRUR	DHURI	S-NPP	75.68575	30.33049	14:24:00	D	5.40
1335	SANGRUR	DHURI	S-NPP	75.68393	30.33307	14:24:00	D	6.20
1336	SANGRUR	DHURI	S-NPP	75.67098	30.33312	12:48:00	D	5.40
1337	SANGRUR	DHURI	S-NPP	75.67188	30.33658	14:24:00	D	10.40
1338	SANGRUR	DHURI	S-NPP	75.68543	30.33723	14:24:00	D	5.40
1339	SANGRUR	DHURI	S-NPP	75.76982	30.33726	12:48:00	D	2.90
1340	SANGRUR	DHURI	S-NPP	75.72634	30.33919	14:24:00	D	6.60
1341	SANGRUR	DHURI	S-NPP	75.68359	30.33981	14:24:00	D	20.50
1342	SANGRUR	DHURI	S-NPP	75.76882	30.34002	12:48:00	D	3.50
1343	SANGRUR	DHURI	S-NPP	75.69193	30.34430	14:24:00	D	17.70
1344	SANGRUR	DHURI	S-NPP	75.79333	30.34442	14:24:00	D	5.20
1345	SANGRUR	DHURI	S-NPP	75.69006	30.34684	14:24:00	D	20.40
1346	SANGRUR	DHURI	S-NPP	75.79476	30.34924	14:24:00	D	4.00
1347	SANGRUR	DHURI	S-NPP	75.75161	30.34946	14:24:00	D	2.50
1348	SANGRUR	DHURI	S-NPP	75.82939	30.35088	14:24:00	D	3.20
1349	SANGRUR	DHURI	S-NPP	75.70262	30.35221	12:48:00	D	7.80
1350	SANGRUR	DHURI	S-NPP	75.87119	30.35285	14:24:00	D	5.60
1351	SANGRUR	DHURI	S-NPP	75.70649	30.35315	12:48:00	D	8.70
1352	SANGRUR	DHURI	S-NPP	75.86953	30.35438	14:24:00	D	8.50
1353	SANGRUR	DHURI	S-NPP	75.71423	30.35503	12:48:00	D	4.40
1354	SANGRUR	DHURI	S-NPP	75.71811	30.35597	12:48:00	D	4.40
1355	SANGRUR	DHURI	S-NPP	75.82074	30.35836	12:48:00	D	12.90
1356	SANGRUR	DHURI	S-NPP	75.81907	30.36359	12:48:00	D	2.70
1357	SANGRUR	DHURI	S-NPP	75.92010	30.36732	12:48:00	D	4.80
1358	SANGRUR	DHURI	S-NPP	75.75500	30.37061	12:48:00	D	14.30
1359	SANGRUR	DHURI	S-NPP	75.91864	30.37099	12:48:00	D	4.60
1360	SANGRUR	DHURI	S-NPP	75.75884	30.37154	12:48:00	D	13.60
1361	SANGRUR	DHURI	S-NPP	75.80650	30.37745	12:48:00	D	4.40

1362	SANGRUR	DHURI	S-NPP	75.97268	30.37856	12:48:00	D	4.70
1363	SANGRUR	DHURI	S-NPP	75.96004	30.37864	14:24:00	D	6.50
1364	SANGRUR	DHURI	S-NPP	75.96713	30.37894	14:24:00	D	10.40
1365	SANGRUR	DHURI	S-NPP	75.97265	30.37976	12:48:00	D	4.40
1366	SANGRUR	DHURI	S-NPP	75.78021	30.38237	12:48:00	D	4.10
1367	SANGRUR	DHURI	S-NPP	75.89866	30.38295	12:48:00	D	3.10
1368	SANGRUR	DHURI	S-NPP	75.72869	30.39589	14:24:00	D	7.20
1369	SANGRUR	DHURI	S-NPP	75.75620	30.39712	14:24:00	D	3.50
1370	SANGRUR	DHURI	S-NPP	75.73344	30.39934	12:48:00	D	3.20
1371	SANGRUR	DHURI	S-NPP	75.98751	30.40038	14:24:00	D	4.80
1372	SANGRUR	DHURI	S-NPP	75.67042	30.40888	14:24:00	D	2.10
1373	SANGRUR	DHURI	S-NPP	75.71828	30.41080	14:24:00	D	4.00
1374	SANGRUR	DHURI	S-NPP	75.98525	30.41510	12:48:00	D	3.60
1375	SANGRUR	DHURI	S-NPP	75.75391	30.42356	12:48:00	D	5.90
1376	SANGRUR	DHURI	S-NPP	75.75774	30.42450	12:48:00	D	7.10
1377	SANGRUR	DHURI	S-NPP	75.67523	30.42504	12:48:00	D	2.90
1378	SANGRUR	DHURI	S-NPP	75.67022	30.42565	12:48:00	D	2.50
1379	SANGRUR	DHURI	S-NPP	75.67410	30.42660	12:48:00	D	2.60
1380	SANGRUR	DHURI	S-NPP	75.75368	30.42680	12:48:00	D	5.90
1381	SANGRUR	DHURI	S-NPP	75.75752	30.42772	12:48:00	D	7.10
1382	SANGRUR	DHURI	S-NPP	75.73877	30.43454	12:48:00	D	2.50
1383	SANGRUR	DHURI	S-NPP	75.88218	30.43504	12:48:00	D	4.60
1384	SANGRUR	DHURI	S-NPP	75.71781	30.43519	12:48:00	D	4.30
1385	SANGRUR	DHURI	S-NPP	75.71997	30.43611	14:24:00	D	9.50
1386	SANGRUR	DHURI	S-NPP	75.73743	30.43648	12:48:00	D	2.70
1387	SANGRUR	DHURI	S-NPP	75.71655	30.43702	12:48:00	D	4.40
1388	SANGRUR	DHURI	S-NPP	75.71690	30.43782	14:24:00	D	9.60
1389	SANGRUR	DHURI	S-NPP	75.72377	30.43810	14:24:00	D	9.60
1390	SANGRUR	DHURI	S-NPP	75.91488	30.43830	14:24:00	D	6.00
1391	SANGRUR	DHURI	S-NPP	75.91203	30.43889	14:24:00	D	7.30
1392	SANGRUR	DHURI	S-NPP	75.88052	30.44025	12:48:00	D	4.60



1393	SANGRUR	DHURI	S-NPP	75.79971	30.44121	14:24:00	D	4.80
1394	SANGRUR	DHURI	S-NPP	75.69233	30.44157	14:24:00	D	6.70
1395	SANGRUR	DHURI	S-NPP	75.69915	30.44189	14:24:00	D	10.70
1396	SANGRUR	DHURI	S-NPP	75.88805	30.44205	12:48:00	D	8.60
1397	SANGRUR	DHURI	S-NPP	75.71281	30.44254	14:24:00	D	9.50
1398	SANGRUR	DHURI	S-NPP	75.87946	30.44352	14:24:00	D	10.30
1399	SANGRUR	DHURI	S-NPP	75.69604	30.44371	14:24:00	D	9.30
1400	SANGRUR	DHURI	S-NPP	75.87654	30.44431	14:24:00	D	8.80
1401	SANGRUR	DHURI	S-NPP	75.80024	30.44624	12:48:00	D	2.50
1402	SANGRUR	DHURI	S-NPP	75.77758	30.46748	14:24:00	D	7.40
1403	SANGRUR	DHURI	S-NPP	75.75645	30.48067	12:48:00	D	2.70
1404	SANGRUR	DHURI	S-NPP	75.77984	30.49761	12:48:00	D	5.10
1405	SANGRUR	DHURI	S-NPP	75.72079	30.49893	14:24:00	D	5.80
1406	SANGRUR	DHURI	S-NPP	75.71186	30.50378	12:48:00	D	4.80
1407	SANGRUR	DHURI	S-NPP	75.72339	30.50656	12:48:00	D	3.30
1408	SANGRUR	MALERKOTLA	S-NPP	76.00664	30.39798	12:48:00	D	5.50
1409	SANGRUR	MALERKOTLA	S-NPP	76.01607	30.40158	14:24:00	D	3.60
1410	SANGRUR	MALERKOTLA	S-NPP	75.89421	30.45802	12:48:00	D	2.60
1411	SANGRUR	MALERKOTLA	S-NPP	75.97799	30.46351	12:48:00	D	2.70
1412	SANGRUR	MALERKOTLA	S-NPP	75.94285	30.46993	12:48:00	D	2.60
1413	SANGRUR	MALERKOTLA	S-NPP	75.94324	30.47196	12:48:00	D	4.90
1414	SANGRUR	MALERKOTLA	S-NPP	75.94122	30.47512	12:48:00	D	2.60
1415	SANGRUR	MALERKOTLA	S-NPP	76.00075	30.48005	12:48:00	D	2.60
1416	SANGRUR	MALERKOTLA	S-NPP	75.91925	30.48094	12:48:00	D	1.40
1417	SANGRUR	MALERKOTLA	S-NPP	75.91683	30.48697	14:24:00	D	7.80
1418	SANGRUR	MALERKOTLA	S-NPP	75.87427	30.49201	14:24:00	D	7.10
1419	SANGRUR	MALERKOTLA	S-NPP	76.05617	30.49318	12:48:00	D	2.30
1420	SANGRUR	MALERKOTLA	S-NPP	76.03061	30.50802	12:48:00	D	2.90
1421	SANGRUR	MALERKOTLA	S-NPP	76.03429	30.50891	12:48:00	D	2.90
1422	SANGRUR	MALERKOTLA	S-NPP	76.03122	30.50945	12:48:00	D	6.40
1423	SANGRUR	MALERKOTLA	S-NPP	75.94099	30.51414	12:48:00	D	8.70

1424	SANGRUR	MALERKOTLA	S-NPP	75.94843	30.51594	12:48:00	D	9.40
1425	SANGRUR	MALERKOTLA	S-NPP	76.06367	30.51604	12:48:00	D	4.40
1426	SANGRUR	MALERKOTLA	S-NPP	75.94680	30.52112	12:48:00	D	9.40
1427	SANGRUR	MALERKOTLA	S-NPP	75.78201	30.52202	14:24:00	D	6.10
1428	SANGRUR	MALERKOTLA	S-NPP	75.95052	30.52202	12:48:00	D	9.40
1429	SANGRUR	MALERKOTLA	S-NPP	76.05679	30.52545	12:48:00	D	3.50
1430	SANGRUR	MALERKOTLA	S-NPP	75.90826	30.52858	12:48:00	D	5.40
1431	SANGRUR	MALERKOTLA	S-NPP	75.92323	30.53218	12:48:00	D	3.20
1432	SANGRUR	MALERKOTLA	S-NPP	75.67758	30.53234	12:48:00	D	3.40
1433	SANGRUR	MALERKOTLA	S-NPP	75.92695	30.53307	12:48:00	D	4.00
1434	SANGRUR	MALERKOTLA	S-NPP	75.67696	30.53499	12:48:00	D	3.40
1435	SANGRUR	MALERKOTLA	S-NPP	75.73462	30.53506	12:48:00	D	2.20
1436	SANGRUR	MALERKOTLA	S-NPP	75.73420	30.53736	12:48:00	D	2.40
1437	SANGRUR	MALERKOTLA	S-NPP	75.92142	30.54192	14:24:00	D	5.90
1438	SANGRUR	MALERKOTLA	S-NPP	75.69514	30.54232	12:48:00	D	4.80
1439	SANGRUR	MALERKOTLA	S-NPP	75.92364	30.54311	14:24:00	D	5.50
1440	SANGRUR	MALERKOTLA	S-NPP	75.69899	30.54326	12:48:00	D	4.80
1441	SANGRUR	MALERKOTLA	S-NPP	75.69347	30.54757	12:48:00	D	4.80
1442	SANGRUR	MALERKOTLA	S-NPP	75.69731	30.54851	12:48:00	D	4.80
1443	SANGRUR	MALERKOTLA	S-NPP	75.70882	30.55132	12:48:00	D	10.40
1444	SANGRUR	MALERKOTLA	S-NPP	75.71265	30.55226	12:48:00	D	10.40
1445	SANGRUR	MALERKOTLA	S-NPP	75.76662	30.55528	14:24:00	D	5.50
1446	SANGRUR	MALERKOTLA	S-NPP	76.03076	30.55798	12:48:00	D	3.80
1447	SANGRUR	MALERKOTLA	S-NPP	75.82420	30.55964	14:24:00	D	2.90
1448	SANGRUR	MALERKOTLA	S-NPP	75.72249	30.56032	12:48:00	D	1.20
1449	SANGRUR	MALERKOTLA	S-NPP	75.90640	30.56177	14:24:00	D	6.10
1450	SANGRUR	MALERKOTLA	S-NPP	75.97734	30.56501	14:24:00	D	9.60
1451	SANGRUR	MALERKOTLA	S-NPP	75.97959	30.56588	14:24:00	D	11.70
1452	SANGRUR	MALERKOTLA	S-NPP	75.81093	30.56688	12:48:00	D	2.30
1453	SANGRUR	MALERKOTLA	S-NPP	75.67824	30.56713	14:24:00	D	5.00
1454	SANGRUR	MALERKOTLA	S-NPP	75.93202	30.56773	12:48:00	D	1.60

1455	SANGRUR	MALERKOTLA	S-NPP	75.82229	30.56958	12:48:00	D	2.50
1456	SANGRUR	MALERKOTLA	S-NPP	75.99474	30.57155	12:48:00	D	1.80
1457	SANGRUR	MALERKOTLA	S-NPP	75.97703	30.57186	14:24:00	D	9.60
1458	SANGRUR	MALERKOTLA	S-NPP	75.97924	30.57274	14:24:00	D	4.80
1459	SANGRUR	MALERKOTLA	S-NPP	75.82084	30.57307	12:48:00	D	3.10
1460	SANGRUR	MALERKOTLA	S-NPP	75.86388	30.57798	12:48:00	D	2.10
1461	SANGRUR	MALERKOTLA	S-NPP	75.86382	30.57943	12:48:00	D	2.40
1462	SANGRUR	MALERKOTLA	S-NPP	75.76717	30.58448	14:24:00	D	5.80
1463	SANGRUR	MALERKOTLA	S-NPP	76.03733	30.58723	12:48:00	D	2.90
1464	SANGRUR	MALERKOTLA	S-NPP	75.85058	30.59483	14:24:00	D	4.10
1465	SANGRUR	MALERKOTLA	S-NPP	75.77731	30.60743	12:48:00	D	5.90
1466	SANGRUR	MALERKOTLA	S-NPP	75.71892	30.61022	12:48:00	D	1.40
1467	SANGRUR	MALERKOTLA	S-NPP	75.73789	30.61715	14:24:00	D	4.10
1468	SANGRUR	MALERKOTLA	S-NPP	75.73495	30.61849	14:24:00	D	4.30
1469	SANGRUR	MALERKOTLA	S-NPP	75.82648	30.61930	12:48:00	D	2.60
1470	SANGRUR	MALERKOTLA	S-NPP	75.76682	30.62738	12:48:00	D	4.20
1471	SANGRUR	MALERKOTLA	S-NPP	75.76515	30.63260	12:48:00	D	4.20
1472	SANGRUR	MALERKOTLA	S-NPP	75.87204	30.64145	12:48:00	D	5.30
1473	SANGRUR	MALERKOTLA	S-NPP	75.87359	30.64431	14:24:00	D	3.70
1474	SANGRUR	MALERKOTLA	S-NPP	75.86291	30.64484	12:48:00	D	8.30
1475	SANGRUR	MALERKOTLA	S-NPP	75.84502	30.66290	12:48:00	D	3.90
1476	SANGRUR	MALERKOTLA	S-NPP	75.84127	30.66560	12:48:00	D	2.40
1477	SANGRUR	MOONAK	S-NPP	75.99755	29.77252	14:24:00	D	6.30
1478	SANGRUR	MOONAK	S-NPP	76.04985	29.80263	14:24:00	D	3.50
1479	SANGRUR	MOONAK	S-NPP	76.02863	29.81019	12:48:00	D	3.80
1480	SANGRUR	MOONAK	S-NPP	75.96701	29.81468	12:48:00	D	6.20
1481	SANGRUR	MOONAK	S-NPP	75.96474	29.81754	12:48:00	D	8.60
1482	SANGRUR	MOONAK	S-NPP	75.96857	29.81845	12:48:00	D	8.60
1483	SANGRUR	MOONAK	S-NPP	75.96046	29.81865	14:24:00	D	7.70
1484	SANGRUR	MOONAK	S-NPP	75.96455	29.81967	14:24:00	D	8.80
1485	SANGRUR	MOONAK	S-NPP	75.96537	29.81993	12:48:00	D	6.20

1486	SANGRUR	MOONAK	S-NPP	75.96919	29.82087	12:48:00	D	6.20
1487	SANGRUR	MOONAK	S-NPP	75.90895	29.82884	12:48:00	D	3.40
1488	SANGRUR	MOONAK	S-NPP	76.03725	29.82913	14:24:00	D	4.90
1489	SANGRUR	MOONAK	S-NPP	75.91280	29.82977	12:48:00	D	9.70
1490	SANGRUR	MOONAK	S-NPP	75.86256	29.83434	14:24:00	D	6.20
1491	SANGRUR	MOONAK	S-NPP	75.85945	29.83562	14:24:00	D	4.20
1492	SANGRUR	MOONAK	S-NPP	75.95920	29.84590	14:24:00	D	5.40
1493	SANGRUR	MOONAK	S-NPP	76.00082	29.85117	12:48:00	D	6.00
1494	SANGRUR	MOONAK	S-NPP	75.95581	29.85345	14:24:00	D	6.80
1495	SANGRUR	MOONAK	S-NPP	75.84465	29.85534	14:24:00	D	3.90
1496	SANGRUR	MOONAK	S-NPP	75.99705	29.88972	12:48:00	D	2.50
1497	SANGRUR	MOONAK	S-NPP	75.98399	29.89223	12:48:00	D	5.40
1498	SANGRUR	MOONAK	S-NPP	75.98998	29.89930	12:48:00	D	4.00
1499	SANGRUR	MOONAK	S-NPP	75.93105	29.90857	14:24:00	D	6.40
1500	SANGRUR	MOONAK	S-NPP	75.98506	29.91503	12:48:00	D	5.90
1501	SANGRUR	MOONAK	S-NPP	75.95163	29.91623	14:24:00	D	5.60
1502	SANGRUR	MOONAK	S-NPP	75.95754	29.92291	12:48:00	D	2.20
1503	SANGRUR	MOONAK	S-NPP	75.92928	29.93561	12:48:00	D	3.00
1504	SANGRUR	MOONAK	S-NPP	75.92812	29.93834	12:48:00	D	3.20
1505	SANGRUR	MOONAK	S-NPP	75.87321	29.98165	12:48:00	D	3.80
1506	SANGRUR	MOONAK	S-NPP	75.85834	29.98940	12:48:00	D	3.60
1507	SANGRUR	SANGRUR	S-NPP	76.00526	30.14529	12:48:00	D	1.50
1508	SANGRUR	SANGRUR	S-NPP	75.96049	30.14586	12:48:00	D	2.90
1509	SANGRUR	SANGRUR	S-NPP	76.01154	30.15223	14:24:00	D	4.70
1510	SANGRUR	SANGRUR	S-NPP	76.01027	30.15307	14:24:00	D	5.80
1511	SANGRUR	SANGRUR	S-NPP	76.00951	30.15749	12:48:00	D	2.40
1512	SANGRUR	SANGRUR	S-NPP	76.02818	30.16050	12:48:00	D	6.80
1513	SANGRUR	SANGRUR	S-NPP	76.00790	30.16270	12:48:00	D	2.40
1514	SANGRUR	SANGRUR	S-NPP	75.96915	30.16855	12:48:00	D	5.30
1515	SANGRUR	SANGRUR	S-NPP	75.97291	30.16946	12:48:00	D	5.30
1516	SANGRUR	SANGRUR	S-NPP	75.71535	30.17494	12:48:00	D	8.80

1517	SANGRUR	SANGRUR	S-NPP	75.71925	30.17588	12:48:00	D	17.00
1518	SANGRUR	SANGRUR	S-NPP	75.79185	30.18461	14:24:00	D	6.30
1519	SANGRUR	SANGRUR	S-NPP	75.97767	30.19305	12:48:00	D	7.00
1520	SANGRUR	SANGRUR	S-NPP	75.93665	30.19437	12:48:00	D	3.20
1521	SANGRUR	SANGRUR	S-NPP	75.57394	30.19477	14:24:00	D	12.00
1522	SANGRUR	SANGRUR	S-NPP	75.57087	30.19746	14:24:00	D	12.40
1523	SANGRUR	SANGRUR	S-NPP	75.65654	30.20072	12:48:00	D	4.70
1524	SANGRUR	SANGRUR	S-NPP	75.65391	30.20125	12:48:00	D	2.90
1525	SANGRUR	SANGRUR	S-NPP	75.65784	30.20221	12:48:00	D	2.90
1526	SANGRUR	SANGRUR	S-NPP	75.87686	30.20249	12:48:00	D	4.30
1527	SANGRUR	SANGRUR	S-NPP	75.62727	30.20403	14:24:00	D	8.10
1528	SANGRUR	SANGRUR	S-NPP	75.72644	30.20604	12:48:00	D	2.70
1529	SANGRUR	SANGRUR	S-NPP	75.62427	30.20641	14:24:00	D	5.30
1530	SANGRUR	SANGRUR	S-NPP	75.72749	30.20794	12:48:00	D	3.20
1531	SANGRUR	SANGRUR	S-NPP	75.87902	30.20864	12:48:00	D	4.30
1532	SANGRUR	SANGRUR	S-NPP	75.60680	30.20977	14:24:00	D	8.30
1533	SANGRUR	SANGRUR	S-NPP	76.00446	30.21071	12:48:00	D	8.00
1534	SANGRUR	SANGRUR	S-NPP	75.60373	30.21227	14:24:00	D	7.00
1535	SANGRUR	SANGRUR	S-NPP	76.00476	30.21492	14:24:00	D	2.50
1536	SANGRUR	SANGRUR	S-NPP	75.72176	30.21525	14:24:00	D	3.50
1537	SANGRUR	SANGRUR	S-NPP	75.65358	30.21875	14:24:00	D	6.50
1538	SANGRUR	SANGRUR	S-NPP	75.66033	30.21908	14:24:00	D	11.90
1539	SANGRUR	SANGRUR	S-NPP	75.94786	30.21955	14:24:00	D	3.80
1540	SANGRUR	SANGRUR	S-NPP	75.80943	30.22020	12:48:00	D	4.20
1541	SANGRUR	SANGRUR	S-NPP	75.88337	30.22094	12:48:00	D	4.10
1542	SANGRUR	SANGRUR	S-NPP	75.81329	30.22112	12:48:00	D	5.80
1543	SANGRUR	SANGRUR	S-NPP	75.65727	30.22127	14:24:00	D	9.00
1544	SANGRUR	SANGRUR	S-NPP	76.02839	30.22250	14:24:00	D	5.40
1545	SANGRUR	SANGRUR	S-NPP	76.02576	30.22259	14:24:00	D	5.80
1546	SANGRUR	SANGRUR	S-NPP	75.81022	30.22260	12:48:00	D	6.40
1547	SANGRUR	SANGRUR	S-NPP	75.74192	30.22297	14:24:00	D	7.20

1548	SANGRUR	SANGRUR	S-NPP	75.99203	30.22451	12:48:00	D	2.60
1549	SANGRUR	SANGRUR	S-NPP	75.73888	30.22469	14:24:00	D	10.20
1550	SANGRUR	SANGRUR	S-NPP	75.73801	30.22758	12:48:00	D	4.50
1551	SANGRUR	SANGRUR	S-NPP	76.08845	30.23645	12:48:00	D	3.30
1552	SANGRUR	SANGRUR	S-NPP	76.07201	30.23808	12:48:00	D	8.30
1553	SANGRUR	SANGRUR	S-NPP	75.81675	30.24117	12:48:00	D	1.90
1554	SANGRUR	SANGRUR	S-NPP	75.98170	30.24441	12:48:00	D	6.60
1555	SANGRUR	SANGRUR	S-NPP	75.76949	30.24662	12:48:00	D	2.60
1556	SANGRUR	SANGRUR	S-NPP	75.94453	30.24676	12:48:00	D	1.80
1557	SANGRUR	SANGRUR	S-NPP	76.04114	30.24742	12:48:00	D	4.20
1558	SANGRUR	SANGRUR	S-NPP	76.06506	30.24755	12:48:00	D	3.80
1559	SANGRUR	SANGRUR	S-NPP	75.98006	30.24962	12:48:00	D	4.20
1560	SANGRUR	SANGRUR	S-NPP	75.92613	30.25360	12:48:00	D	4.50
1561	SANGRUR	SANGRUR	S-NPP	75.92992	30.25450	12:48:00	D	4.50
1562	SANGRUR	SANGRUR	S-NPP	75.80626	30.25465	14:24:00	D	3.30
1563	SANGRUR	SANGRUR	S-NPP	75.94322	30.25518	12:48:00	D	3.30
1564	SANGRUR	SANGRUR	S-NPP	75.94698	30.25610	12:48:00	D	3.30
1565	SANGRUR	SANGRUR	S-NPP	76.01756	30.25854	12:48:00	D	3.20
1566	SANGRUR	SANGRUR	S-NPP	75.94160	30.26040	12:48:00	D	2.80
1567	SANGRUR	SANGRUR	S-NPP	75.87617	30.26131	12:48:00	D	3.20
1568	SANGRUR	SANGRUR	S-NPP	75.94536	30.26131	12:48:00	D	2.80
1569	SANGRUR	SANGRUR	S-NPP	75.99361	30.26188	12:48:00	D	3.20
1570	SANGRUR	SANGRUR	S-NPP	75.99181	30.26359	12:48:00	D	2.20
1571	SANGRUR	SANGRUR	S-NPP	75.77796	30.26701	14:24:00	D	3.10
1572	SANGRUR	SANGRUR	S-NPP	75.91406	30.27053	12:48:00	D	1.70
1573	SANGRUR	SANGRUR	S-NPP	75.94584	30.27265	12:48:00	D	3.50
1574	SANGRUR	SANGRUR	S-NPP	76.08786	30.27323	14:24:00	D	3.70
1575	SANGRUR	SANGRUR	S-NPP	75.94422	30.27786	12:48:00	D	3.50
1576	SANGRUR	SANGRUR	S-NPP	75.76339	30.27914	12:48:00	D	4.40
1577	SANGRUR	SANGRUR	S-NPP	75.95197	30.28131	14:24:00	D	7.10
1578	SANGRUR	SANGRUR	S-NPP	75.94635	30.28399	12:48:00	D	2.40

1579	SANGRUR	SANGRUR	S-NPP	75.95163	30.28814	14:24:00	D	5.90
1580	SANGRUR	SANGRUR	S-NPP	75.88797	30.29222	14:24:00	D	5.10
1581	SANGRUR	SANGRUR	S-NPP	75.95128	30.29497	14:24:00	D	5.90
1582	SANGRUR	SANGRUR	S-NPP	75.90208	30.29572	12:48:00	D	3.40
1583	SANGRUR	SANGRUR	S-NPP	75.78703	30.29616	12:48:00	D	3.70
1584	SANGRUR	SANGRUR	S-NPP	76.13129	30.30211	12:48:00	D	2.40
1585	SANGRUR	SANGRUR	S-NPP	75.88364	30.30251	12:48:00	D	8.70
1586	SANGRUR	SANGRUR	S-NPP	76.09858	30.30550	12:48:00	D	1.80
1587	SANGRUR	SANGRUR	S-NPP	76.13106	30.30647	12:48:00	D	2.10
1588	SANGRUR	SANGRUR	S-NPP	76.07912	30.30733	14:24:00	D	11.30
1589	SANGRUR	SANGRUR	S-NPP	76.09846	30.30967	12:48:00	D	2.40
1590	SANGRUR	SANGRUR	S-NPP	76.00886	30.31588	12:48:00	D	2.90
1591	SANGRUR	SUNAM	S-NPP	76.01950	29.96698	14:24:00	D	8.50
1592	SANGRUR	SUNAM	S-NPP	75.95590	29.97107	14:24:00	D	2.70
1593	SANGRUR	SUNAM	S-NPP	75.97874	29.97320	12:48:00	D	5.10
1594	SANGRUR	SUNAM	S-NPP	75.97382	29.98890	12:48:00	D	3.00
1595	SANGRUR	SUNAM	S-NPP	75.85007	30.00037	14:24:00	D	9.00
1596	SANGRUR	SUNAM	S-NPP	75.85066	30.00178	14:24:00	D	5.90
1597	SANGRUR	SUNAM	S-NPP	75.77435	30.01220	14:24:00	D	4.50
1598	SANGRUR	SUNAM	S-NPP	75.87016	30.01490	14:24:00	D	3.70
1599	SANGRUR	SUNAM	S-NPP	75.77020	30.01517	12:48:00	D	3.30
1600	SANGRUR	SUNAM	S-NPP	75.87072	30.01620	14:24:00	D	4.90
1601	SANGRUR	SUNAM	S-NPP	75.77358	30.01710	14:24:00	D	3.80
1602	SANGRUR	SUNAM	S-NPP	75.75685	30.01760	12:48:00	D	3.80
1603	SANGRUR	SUNAM	S-NPP	75.75909	30.02386	12:48:00	D	11.50
1604	SANGRUR	SUNAM	S-NPP	75.76299	30.02481	12:48:00	D	11.50
1605	SANGRUR	SUNAM	S-NPP	75.87154	30.02652	12:48:00	D	2.20
1606	SANGRUR	SUNAM	S-NPP	75.85569	30.02782	14:24:00	D	4.60
1607	SANGRUR	SUNAM	S-NPP	75.87025	30.02827	12:48:00	D	1.80
1608	SANGRUR	SUNAM	S-NPP	75.84933	30.02883	12:48:00	D	7.80
1609	SANGRUR	SUNAM	S-NPP	75.85617	30.02920	14:24:00	D	8.00

1610	SANGRUR	SUNAM	S-NPP	75.74570	30.02928	14:24:00	D	5.80
1611	SANGRUR	SUNAM	S-NPP	75.88390	30.03036	14:24:00	D	8.30
1612	SANGRUR	SUNAM	S-NPP	75.74598	30.03129	14:24:00	D	6.50
1613	SANGRUR	SUNAM	S-NPP	75.74405	30.03159	12:48:00	D	2.70
1614	SANGRUR	SUNAM	S-NPP	75.75217	30.03636	14:24:00	D	6.40
1615	SANGRUR	SUNAM	S-NPP	75.75244	30.03833	14:24:00	D	6.50
1616	SANGRUR	SUNAM	S-NPP	75.89541	30.04008	12:48:00	D	5.20
1617	SANGRUR	SUNAM	S-NPP	75.77229	30.04412	14:24:00	D	6.50
1618	SANGRUR	SUNAM	S-NPP	75.65026	30.04730	14:24:00	D	7.30
1619	SANGRUR	SUNAM	S-NPP	75.99422	30.05493	14:24:00	D	7.10
1620	SANGRUR	SUNAM	S-NPP	75.99482	30.05550	14:24:00	D	7.10
1621	SANGRUR	SUNAM	S-NPP	75.75689	30.05750	12:48:00	D	6.30
1622	SANGRUR	SUNAM	S-NPP	75.75522	30.06279	12:48:00	D	10.60
1623	SANGRUR	SUNAM	S-NPP	76.00924	30.06778	12:48:00	D	3.60
1624	SANGRUR	SUNAM	S-NPP	75.83227	30.07004	12:48:00	D	1.70
1625	SANGRUR	SUNAM	S-NPP	75.70942	30.07455	12:48:00	D	3.10
1626	SANGRUR	SUNAM	S-NPP	75.71333	30.07549	12:48:00	D	3.10
1627	SANGRUR	SUNAM	S-NPP	75.68897	30.08276	14:24:00	D	5.60
1628	SANGRUR	SUNAM	S-NPP	75.95576	30.08292	12:48:00	D	2.60
1629	SANGRUR	SUNAM	S-NPP	76.05019	30.08531	14:24:00	D	4.70
1630	SANGRUR	SUNAM	S-NPP	75.99520	30.08683	12:48:00	D	4.30
1631	SANGRUR	SUNAM	S-NPP	75.95798	30.08814	14:24:00	D	4.10
1632	SANGRUR	SUNAM	S-NPP	76.01437	30.09062	14:24:00	D	6.40
1633	SANGRUR	SUNAM	S-NPP	76.04569	30.09341	12:48:00	D	3.60
1634	SANGRUR	SUNAM	S-NPP	75.70145	30.10358	14:24:00	D	2.90
1635	SANGRUR	SUNAM	S-NPP	75.74573	30.10603	12:48:00	D	4.50
1636	SANGRUR	SUNAM	S-NPP	75.88929	30.11202	12:48:00	D	3.30
1637	SANGRUR	SUNAM	S-NPP	75.79796	30.11282	12:48:00	D	4.60
1638	SANGRUR	SUNAM	S-NPP	75.92532	30.11500	12:48:00	D	4.00
1639	SANGRUR	SUNAM	S-NPP	75.79691	30.11518	12:48:00	D	2.20
1640	SANGRUR	SUNAM	S-NPP	75.67892	30.11880	14:24:00	D	2.10



1641	SANGRUR	SUNAM	S-NPP	75.87286	30.12502	12:48:00	D	7.50
1642	SANGRUR	SUNAM	S-NPP	76.03968	30.12553	12:48:00	D	6.30
1643	SANGRUR	SUNAM	S-NPP	75.92583	30.12637	12:48:00	D	2.40
1644	SANGRUR	SUNAM	S-NPP	76.04716	30.12732	12:48:00	D	3.60
1645	SANGRUR	SUNAM	S-NPP	76.06966	30.12742	14:24:00	D	9.60
1646	SANGRUR	SUNAM	S-NPP	75.87156	30.12783	12:48:00	D	7.10
1647	SANGRUR	SUNAM	S-NPP	76.06860	30.12793	14:24:00	D	8.60
1648	SANGRUR	SUNAM	S-NPP	75.94546	30.14029	12:48:00	D	4.10
1649	SANGRUR	SUNAM	S-NPP	75.94531	30.14226	12:48:00	D	3.60
1650	SANGRUR	SUNAM	S-NPP	75.72931	30.14417	12:48:00	D	5.40
1651	SANGRUR	SUNAM	S-NPP	76.01653	30.14797	12:48:00	D	2.30
1652	SANGRUR	SUNAM	S-NPP	75.72374	30.14851	12:48:00	D	7.70
1653	SANGRUR	SUNAM	S-NPP	76.02031	30.14887	12:48:00	D	2.30
1654	SANGRUR	SUNAM	S-NPP	75.72764	30.14945	12:48:00	D	5.40
1655	SANGRUR	SUNAM	S-NPP	75.76427	30.15266	12:48:00	D	3.50
1656	SANGRUR	SUNAM	S-NPP	75.79974	30.16460	14:24:00	D	6.60
1657	SANGRUR	SUNAM	S-NPP	75.78033	30.16790	12:48:00	D	5.90
1658	SANGRUR	SUNAM	S-NPP	75.88982	30.16852	14:24:00	D	7.40
1659	SANGRUR	SUNAM	S-NPP	75.77866	30.17317	12:48:00	D	5.90
1660	SANGRUR	SUNAM	S-NPP	76.00671	30.17768	12:48:00	D	5.30
1661	TARN TARAN	KHADOOR SAHIB	S-NPP	74.65583	31.42788	12:48:00	D	3.10
1662	TARN TARAN	KHADOOR SAHIB	S-NPP	74.77129	31.54356	12:48:00	D	2.30
1663	TARN TARAN	PATTI	S-NPP	74.59252	31.17927	12:48:00	D	9.40
1664	TARN TARAN	PATTI	S-NPP	74.74484	31.20592	14:24:00	D	4.80
1665	TARN TARAN	PATTI	S-NPP	74.74770	31.20625	14:24:00	D	6.80
1666	TARN TARAN	PATTI	S-NPP	74.54931	31.21004	12:48:00	D	3.40
1667	TARN TARAN	PATTI	S-NPP	74.75271	31.22588	14:24:00	D	5.70
1668	TARN TARAN	PATTI	S-NPP	74.74957	31.23202	14:24:00	D	9.80
1669	TARN TARAN	PATTI	S-NPP	74.75234	31.23234	14:24:00	D	10.20
1670	TARN TARAN	PATTI	S-NPP	74.57407	31.23407	12:48:00	D	2.70
1671	TARN TARAN	PATTI	S-NPP	74.62946	31.23603	12:48:00	D	2.90

1672	TARN TARAN	PATTI	S-NPP	74.58011	31.24450	12:48:00	D	5.00
1673	TARN TARAN	PATTI	S-NPP	74.58334	31.24825	12:48:00	D	5.40
1674	TARN TARAN	PATTI	S-NPP	74.76042	31.28456	12:48:00	D	3.60
1675	TARN TARAN	PATTI	S-NPP	74.78188	31.34281	12:48:00	D	5.80

**Details of residue burning events in Haryana on 10-Nov-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	FATEHABAD	FATEHABAD	S-NPP	75.67416	29.46630	14:24:00	D	10.20
2	FATEHABAD	FATEHABAD	S-NPP	75.68168	29.46649	12:48:00	D	2.40
3	FATEHABAD	FATEHABAD	S-NPP	75.47946	29.52068	12:48:00	D	4.20
4	FATEHABAD	FATEHABAD	S-NPP	75.29804	29.52320	12:48:00	D	2.20
5	FATEHABAD	FATEHABAD	S-NPP	75.45395	29.52787	01:30:00	N	0.40
6	FATEHABAD	FATEHABAD	S-NPP	75.51109	29.53559	14:24:00	D	3.90
7	FATEHABAD	FATEHABAD	S-NPP	75.52949	29.55648	14:24:00	D	6.40
8	FATEHABAD	FATEHABAD	S-NPP	75.42368	29.59511	14:24:00	D	5.60
9	FATEHABAD	FATEHABAD	S-NPP	75.42355	29.59755	14:24:00	D	6.40
10	FATEHABAD	FATEHABAD	S-NPP	75.40406	29.60081	14:24:00	D	4.00
11	FATEHABAD	FATEHABAD	S-NPP	75.68475	29.61790	14:24:00	D	5.20
12	FATEHABAD	FATEHABAD	S-NPP	75.68484	29.62059	14:24:00	D	4.30
13	FATEHABAD	RATIA	S-NPP	75.56505	29.62841	14:24:00	D	5.50
14	FATEHABAD	RATIA	S-NPP	75.66312	29.65317	14:24:00	D	4.90
15	FATEHABAD	RATIA	S-NPP	75.48233	29.67525	14:24:00	D	8.30
16	FATEHABAD	RATIA	S-NPP	75.47701	29.68406	14:24:00	D	3.50
17	FATEHABAD	RATIA	S-NPP	75.48350	29.68439	14:24:00	D	3.50
18	FATEHABAD	RATIA	S-NPP	75.55315	29.70742	12:48:00	D	3.80
19	FATEHABAD	RATIA	S-NPP	75.62141	29.71234	12:48:00	D	3.20
20	FATEHABAD	RATIA	S-NPP	75.56549	29.71236	14:24:00	D	3.80
21	FATEHABAD	RATIA	S-NPP	75.50942	29.71336	12:48:00	D	2.30
22	FATEHABAD	RATIA	S-NPP	75.51128	29.71473	12:48:00	D	3.20
23	FATEHABAD	RATIA	S-NPP	75.40105	29.73784	14:24:00	D	8.40
24	FATEHABAD	RATIA	S-NPP	75.48516	29.74193	14:24:00	D	5.00
25	FATEHABAD	RATIA	S-NPP	75.41319	29.75170	14:24:00	D	5.30
26	FATEHABAD	RATIA	S-NPP	75.45701	29.78045	14:24:00	D	5.30
27	FATEHABAD	TOHANA	S-NPP	75.88870	29.56333	01:30:00	N	0.40
28	FATEHABAD	TOHANA	S-NPP	75.80190	29.61685	12:48:00	D	3.50
29	FATEHABAD	TOHANA	S-NPP	75.70943	29.66210	14:24:00	D	4.30

30	FATEHABAD	TOHANA	S-NPP	75.94826	29.66648	14:24:00	D	9.00
31	FATEHABAD	TOHANA	S-NPP	75.72221	29.66659	12:48:00	D	5.80
32	FATEHABAD	TOHANA	S-NPP	75.72175	29.66757	12:48:00	D	6.50
33	FATEHABAD	TOHANA	S-NPP	75.76370	29.67075	12:48:00	D	4.20
34	FATEHABAD	TOHANA	S-NPP	75.76311	29.67197	12:48:00	D	4.00
35	FATEHABAD	TOHANA	S-NPP	75.83337	29.67777	12:48:00	D	3.00
36	FATEHABAD	TOHANA	S-NPP	75.83251	29.68144	12:48:00	D	3.30
37	FATEHABAD	TOHANA	S-NPP	75.75925	29.71436	14:24:00	D	6.50
38	FATEHABAD	TOHANA	S-NPP	75.76060	29.71855	14:24:00	D	5.60
39	FATEHABAD	TOHANA	S-NPP	75.69267	29.72858	14:24:00	D	8.30
40	FATEHABAD	TOHANA	S-NPP	75.69085	29.73151	14:24:00	D	11.70
41	FATEHABAD	TOHANA	S-NPP	75.72716	29.73215	12:48:00	D	3.10
42	FATEHABAD	TOHANA	S-NPP	75.75676	29.76152	14:24:00	D	8.30
43	FATEHABAD	TOHANA	S-NPP	75.74148	29.78147	12:48:00	D	1.90
44	JIND	NARWANA	S-NPP	75.98804	29.70928	14:24:00	D	6.30
45	JIND	NARWANA	S-NPP	75.98661	29.71053	14:24:00	D	5.10
46	JIND	NARWANA	S-NPP	75.96680	29.71509	14:24:00	D	3.40
47	JIND	NARWANA	S-NPP	76.15401	29.76565	14:24:00	D	4.70
48	JIND	NARWANA	S-NPP	76.15208	29.80693	14:24:00	D	3.60
49	JIND	NARWANA	S-NPP	76.19844	29.83614	14:24:00	D	12.00
50	JIND	NARWANA	S-NPP	76.20564	29.83643	14:24:00	D	14.20
51	JIND	NARWANA	S-NPP	76.20116	29.83679	14:24:00	D	17.10
52	JIND	SAFIDON	S-NPP	76.67435	29.47369	12:48:00	D	4.70
53	KAITHAL	KAITHAL	S-NPP	76.40869	29.89338	14:24:00	D	9.00
54	KAITHAL	KAITHAL	S-NPP	76.30467	29.90296	14:24:00	D	7.20
55	KARNAL	KARNAL	S-NPP	76.74503	29.67042	12:48:00	D	4.70
56	KARNAL	KARNAL	S-NPP	76.74344	29.67208	12:48:00	D	4.20
57	PANIPAT	PANIPAT	S-NPP	76.79429	29.39712	12:48:00	D	4.70
58	PANIPAT	PANIPAT	S-NPP	76.85114	29.48293	12:48:00	D	1.30
59	SIRSA	ELLENABAD	S-NPP	74.88987	29.46420	01:30:00	N	0.40
60	SIRSA	ELLENABAD	S-NPP	74.88260	29.46971	14:24:00	D	4.90
61	SIRSA	ELLENABAD	S-NPP	74.64193	29.50696	12:48:00	D	3.40

62	SIRSA	ELLENABAD	S-NPP	74.64304	29.50822	12:48:00	D	2.60
63	SIRSA	ELLENABAD	S-NPP	74.64370	29.50933	14:24:00	D	5.80
64	SIRSA	ELLENABAD	S-NPP	74.63023	29.53000	14:24:00	D	5.30
65	SIRSA	RANIA	S-NPP	74.75287	29.51688	12:48:00	D	3.20
66	SIRSA	RANIA	S-NPP	74.67014	29.54900	14:24:00	D	5.10
67	SIRSA	RANIA	S-NPP	74.66926	29.55109	14:24:00	D	2.80
68	SIRSA	RANIA	S-NPP	74.64674	29.55399	14:24:00	D	2.90
69	SIRSA	RANIA	S-NPP	74.58775	29.56580	14:24:00	D	6.40
70	SIRSA	RANIA	S-NPP	74.59344	29.56611	14:24:00	D	11.30
71	SIRSA	RANIA	S-NPP	74.67336	29.57677	14:24:00	D	6.20
72	SIRSA	RANIA	S-NPP	74.59751	29.59169	14:24:00	D	1.80
73	SIRSA	RANIA	S-NPP	74.60284	29.59832	14:24:00	D	5.00
74	SIRSA	SIRSA	S-NPP	75.15987	29.40368	12:48:00	D	2.80
75	SIRSA	SIRSA	S-NPP	74.95522	29.45453	14:24:00	D	6.60
76	SIRSA	SIRSA	S-NPP	74.92479	29.45539	12:48:00	D	4.80
77	SIRSA	SIRSA	S-NPP	74.95902	29.45572	14:24:00	D	6.50
78	SIRSA	SIRSA	S-NPP	74.92500	29.45693	12:48:00	D	5.40
79	SIRSA	SIRSA	S-NPP	74.93983	29.47412	14:24:00	D	6.90
80	SIRSA	SIRSA	S-NPP	74.99835	29.50302	14:24:00	D	2.80
81	SIRSA	SIRSA	S-NPP	75.25256	29.52587	01:30:00	N	1.40
82	SIRSA	SIRSA	S-NPP	75.25438	29.52622	01:30:00	N	1.60
83	SIRSA	SIRSA	S-NPP	75.13742	29.56434	12:48:00	D	2.80
84	SIRSA	SIRSA	S-NPP	75.21738	29.77325	14:24:00	D	2.60
85	YAMUNANAGAR	JAGADHRI	S-NPP	77.15746	30.24669	12:48:00	D	3.20

**Details of residue burning events in Uttar Pradesh on 10-Nov-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	ALLAHABAD	HADIYA	S-NPP	82.20529	25.51817	12:42:00	D	3.40
2	AZAMGARH	BURHANPUR	S-NPP	82.88490	26.20956	12:42:00	D	4.20
3	AZAMGARH	PHULPUR	S-NPP	82.80093	26.10058	12:42:00	D	5.70
4	BAHRAICH	MAHASI	S-NPP	81.43624	27.66933	12:42:00	D	3.70
5	BAHRAICH	NANPARA	S-NPP	81.59838	27.92806	12:42:00	D	2.60
6	BALLIA	SIKANDARPUR	S-NPP	83.99048	26.03953	12:42:00	D	3.10
7	BANDA	BABERU	S-NPP	80.74727	25.50817	01:30:00	N	1.00
8	BARABANKI	FATEHPUR	S-NPP	81.33905	27.23451	12:42:00	D	1.60
9	BARABANKI	NAWABGANJ	S-NPP	81.27296	26.97702	12:42:00	D	2.90
10	BARABANKI	SIRAU LI GAUSPUR	S-NPP	81.43095	26.93755	12:42:00	D	1.50
11	BASTI	BASTI	S-NPP	82.73995	26.65458	12:42:00	D	3.80
12	BASTI	BASTI	S-NPP	82.82066	26.85578	12:42:00	D	3.00
13	BASTI	BHANPUR	S-NPP	82.71621	27.05036	12:42:00	D	4.20
14	BASTI	RUDHAULI	S-NPP	82.86627	26.93360	12:42:00	D	3.10
15	BASTI	RUDHAULI	S-NPP	82.78418	27.00532	12:42:00	D	3.10
16	DEORIA	DEORIA	S-NPP	83.90199	26.57985	12:42:00	D	2.40
17	DEORIA	DEORIA	S-NPP	83.73104	26.61712	12:42:00	D	3.20
18	DEORIA	DEORIA	S-NPP	83.83183	26.66079	12:42:00	D	3.70
19	FATEHPUR	BINKI	S-NPP	80.75842	26.02635	12:42:00	D	3.00
20	FATEHPUR	FATEHPUR	S-NPP	80.86809	25.98424	12:42:00	D	5.20
21	FATEHPUR	FATEHPUR	S-NPP	80.86597	25.98475	12:42:00	D	5.90
22	GONDA	GONDA	S-NPP	81.93967	27.30604	12:42:00	D	2.20
23	GONDA	GONDA	S-NPP	81.92536	27.33222	12:42:00	D	1.30
24	HARDOI	HARDOI	S-NPP	79.98164	27.43409	12:42:00	D	2.60
25	HARDOI	HARDOI	S-NPP	79.98291	27.43655	12:42:00	D	4.00
26	HARDOI	HARDOI	S-NPP	80.28468	27.44123	12:42:00	D	2.20
27	HARDOI	SANDILA	S-NPP	80.33202	27.21857	12:42:00	D	3.80
28	JAUNPUR	MACHHALI SAHAR	S-NPP	82.35016	25.55867	12:42:00	D	4.10
29	JAUNPUR	SHHGANJ	S-NPP	82.67694	25.91181	12:42:00	D	5.10

30	KAUSHAMBI	MANJHANPUR	S-NPP	81.35062	25.42069	12:42:00	D	2.70
31	KHERI	GOLA	S-NPP	80.31895	28.24503	12:48:00	D	4.10
32	KHERI	NIGHASAN	S-NPP	81.01808	28.32533	12:48:00	D	1.30
33	KUSHINAGAR	HATA	S-NPP	83.62910	26.83043	12:42:00	D	3.70
34	KUSHINAGAR	KASAYA	S-NPP	84.08060	26.60454	12:42:00	D	2.90
35	KUSHINAGAR	PADRAUNA	S-NPP	84.01058	26.80617	12:42:00	D	3.70
36	KUSHINAGAR	TAMKUHI RAJ	S-NPP	84.02709	26.78944	12:42:00	D	4.60
37	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.41776	27.02866	12:42:00	D	5.40
38	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.62870	27.04197	12:42:00	D	3.70
39	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.49569	27.04300	12:42:00	D	9.70
40	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.51023	27.04567	12:42:00	D	3.20
41	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.59598	27.11068	12:42:00	D	3.60
42	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.55586	27.11104	12:42:00	D	3.60
43	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.50391	27.14995	12:42:00	D	7.10
44	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.58783	27.22215	12:42:00	D	4.40
45	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.61967	27.23544	12:42:00	D	2.30
46	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.52276	27.24459	12:42:00	D	4.80
47	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.61396	27.26086	12:42:00	D	4.00
48	MAHARAJGANJ	NAUTANWA	S-NPP	83.31203	27.24259	12:42:00	D	6.10
49	MAHARAJGANJ	NAUTANWA	S-NPP	83.33412	27.25815	12:42:00	D	4.50
50	MAHARAJGANJ	NAUTANWA	S-NPP	83.40012	27.28170	12:42:00	D	3.10
51	MAHARAJGANJ	NAUTANWA	S-NPP	83.39585	27.32291	12:42:00	D	4.50
52	MAHARAJGANJ	NAUTANWA	S-NPP	83.37465	27.32673	12:42:00	D	6.80
53	MAHARAJGANJ	NAUTANWA	S-NPP	83.47556	27.35908	12:42:00	D	1.90
54	MAHARAJGANJ	NAUTANWA	S-NPP	83.50751	27.39529	12:42:00	D	4.30
55	MAHARAJGANJ	NAUTANWA	S-NPP	83.53945	27.40867	12:42:00	D	4.20
56	MAHARAJGANJ	NAUTANWA	S-NPP	83.64349	27.43126	12:42:00	D	3.80
57	MAHARAJGANJ	NICHLAUL	S-NPP	83.71676	27.12487	12:42:00	D	2.90
58	MAHARAJGANJ	NICHLAUL	S-NPP	83.69537	27.13234	12:42:00	D	5.60
59	MAHARAJGANJ	NICHLAUL	S-NPP	83.77779	27.21120	12:42:00	D	2.30
60	MAHARAJGANJ	NICHLAUL	S-NPP	83.67298	27.21861	12:42:00	D	2.10
61	MAHARAJGANJ	NICHLAUL	S-NPP	83.65791	27.21966	12:42:00	D	4.00

62	MAHARAJGANJ	NICHLAUL	S-NPP	83.72654	27.24329	12:42:00	D	3.70
63	MAHARAJGANJ	NICHLAUL	S-NPP	83.73126	27.24414	12:42:00	D	4.00
64	MAHARAJGANJ	NICHLAUL	S-NPP	83.64977	27.25592	12:42:00	D	2.20
65	MAHARAJGANJ	NICHLAUL	S-NPP	83.64738	27.27370	12:42:00	D	3.70
66	MAHARAJGANJ	NICHLAUL	S-NPP	83.65045	27.27490	12:42:00	D	4.10
67	MAHARAJGANJ	NICHLAUL	S-NPP	83.70340	27.28770	12:42:00	D	1.80
68	MAHARAJGANJ	NICHLAUL	S-NPP	83.70186	27.28777	12:42:00	D	2.20
69	MAHARAJGANJ	NICHLAUL	S-NPP	83.69179	27.38336	12:42:00	D	6.30
70	MAHARAJGANJ	PHARENDA	S-NPP	83.30515	27.12865	12:42:00	D	5.80
71	MAHARAJGANJ	PHARENDA	S-NPP	83.22212	27.19823	12:42:00	D	7.00
72	MAHARAJGANJ	PHARENDA	S-NPP	83.21898	27.19840	12:42:00	D	6.40
73	MAHARAJGANJ	PHARENDA	S-NPP	83.21963	27.24097	12:42:00	D	4.10
74	MAHARAJGANJ	PHARENDA	S-NPP	83.28983	27.25003	12:42:00	D	3.30
75	MAHARAJGANJ	PHARENDA	S-NPP	83.29129	27.28870	12:42:00	D	3.50
76	MAHARAJGANJ	PHARENDA	S-NPP	83.33727	27.28938	12:42:00	D	2.80
77	MAHARAJGANJ	PHARENDA	S-NPP	83.34216	27.29027	12:42:00	D	4.10
78	MATHURA	CHHATA	S-NPP	77.42757	27.70287	14:24:00	D	3.50
79	MATHURA	CHHATA	S-NPP	77.45837	27.75591	12:48:00	D	4.40
80	MATHURA	CHHATA	S-NPP	77.45841	27.75717	12:48:00	D	4.90
81	MATHURA	MAT	S-NPP	77.77184	27.70048	12:48:00	D	1.50
82	MATHURA	MATHURA	S-NPP	77.40859	27.48758	12:48:00	D	2.80
83	PILHIBHIT	PURANPUR	S-NPP	80.12849	28.35710	12:48:00	D	3.00
84	PILHIBHIT	PURANPUR	S-NPP	80.21984	28.36268	12:48:00	D	2.10
85	PILHIBHIT	PURANPUR	S-NPP	80.22124	28.36623	12:48:00	D	2.70
86	PILHIBHIT	PURANPUR	S-NPP	80.11425	28.44906	12:48:00	D	2.70
87	PILHIBHIT	PURANPUR	S-NPP	80.08451	28.49390	12:48:00	D	1.60
88	RAIBEARELI	TILOI	S-NPP	81.42783	26.24730	12:42:00	D	2.50
89	SHAHJAHANPUR	PUWANYA	S-NPP	80.25211	28.20442	12:48:00	D	2.50
90	SHAHJAHANPUR	PUWANYA	S-NPP	80.19798	28.22487	12:48:00	D	3.30
91	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	79.84099	27.85843	12:42:00	D	1.80
92	SHRAWASTI	IKAUNA	S-NPP	81.81370	27.62546	12:42:00	D	1.70
93	SHRAWASTI	IKAUNA	S-NPP	81.77216	27.64642	12:42:00	D	1.50



94	SHRAWASTI	IKAUNA	S-NPP	81.82719	27.65292	12:42:00	D	1.90
95	SIDDHARTHANAGAR	BANSI	S-NPP	82.88457	27.05426	12:42:00	D	3.70
96	SIDDHARTHANAGAR	BANSI	S-NPP	82.91729	27.07611	12:42:00	D	3.80
97	SIDDHARTHANAGAR	BANSI	S-NPP	82.87930	27.10051	12:42:00	D	3.30
98	SIDDHARTHANAGAR	BANSI	S-NPP	82.92068	27.10816	12:42:00	D	3.30
99	SIDDHARTHANAGAR	BANSI	S-NPP	82.82916	27.11721	12:42:00	D	7.10
100	SIDDHARTHANAGAR	BANSI	S-NPP	82.78804	27.11917	12:42:00	D	4.20
101	SIDDHARTHANAGAR	BANSI	S-NPP	82.78484	27.12064	12:42:00	D	3.90
102	SIDDHARTHANAGAR	BANSI	S-NPP	82.88530	27.12128	12:42:00	D	5.00
103	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	82.63712	27.11644	12:42:00	D	3.80
104	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	82.72619	27.13727	12:42:00	D	2.30
105	SIDDHARTHANAGAR	ITWA	S-NPP	82.62839	27.32514	12:42:00	D	2.00
106	SIDDHARTHANAGAR	ITWA	S-NPP	82.72369	27.32532	12:42:00	D	3.10
107	SIDDHARTHANAGAR	ITWA	S-NPP	82.72145	27.32696	12:42:00	D	5.20
108	SIDDHARTHANAGAR	ITWA	S-NPP	82.74835	27.37550	12:42:00	D	4.40
109	SIDDHARTHANAGAR	ITWA	S-NPP	82.74049	27.38587	12:42:00	D	5.70
110	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.21202	27.27428	12:42:00	D	2.50
111	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.12034	27.36679	12:42:00	D	5.00
112	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.12951	27.37234	12:42:00	D	5.10
113	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.11018	27.38815	12:42:00	D	2.40
114	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.13612	27.38899	12:42:00	D	3.90
115	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.11309	27.38914	12:42:00	D	3.90
116	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.14526	27.39452	12:42:00	D	4.80
117	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.15027	27.39542	12:42:00	D	4.80
118	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.14809	27.39570	12:42:00	D	5.20
119	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.21670	27.39976	12:42:00	D	2.90
120	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.22165	27.40065	12:42:00	D	2.90
121	SIDDHARTHANAGAR	NAUGARH	S-NPP	83.20184	27.43270	12:42:00	D	3.70
122	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	83.01051	27.42434	12:42:00	D	3.80
123	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	82.93483	27.46504	12:42:00	D	3.00
124	SIDDHARTHANAGAR	SHOHRATGARH	S-NPP	82.93742	27.46540	12:42:00	D	2.90
125	SULTANPUR	AMETHI	S-NPP	81.86963	26.27199	12:42:00	D	3.30

## The study used images received from following Satellites at IARI Satellite Ground Station

S. No.	Satellite Name	Sensor	Resolution (meter)	Day / Night Passes
1.	Suomi NPP	VIIRS	375 / 1000	Both
2.	Terra	MODIS	1000	Both
3.	Aqua	MODIS	1000	Both
4.	NOAA – 18	AVHRR	1000	Night
5.	NOAA – 19	AVHRR	1000	Night
6.	Metop - 1	AVHRR	1000	Night
7.	Metop - 2	AVHRR	1000	Night

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

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

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

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