



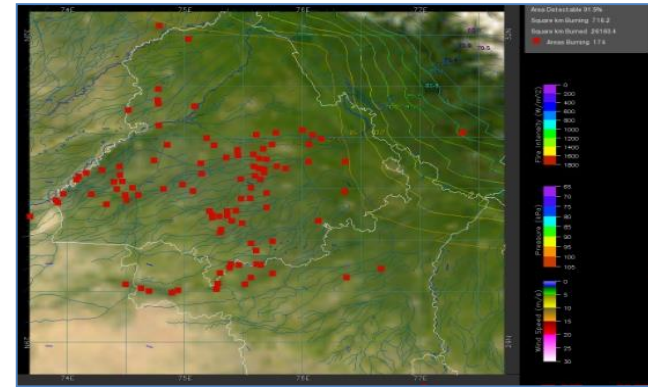
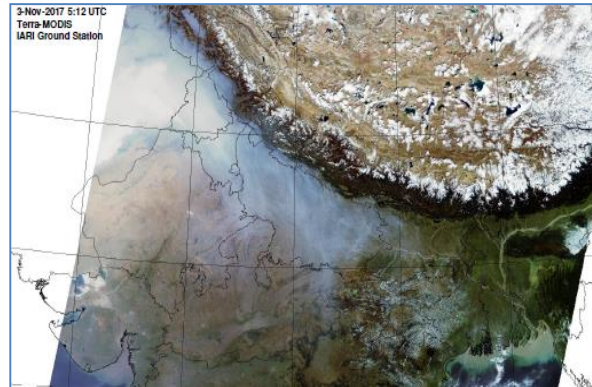
## Bulletin No. 29

Events Date:  
29-Oct-2019

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30-Oct-2019



# MONITORING PADDY RESIDUE BURNING IN NORTH INDIA USING SATELLITE REMOTE SENSING DURING 2019



Prepared by:

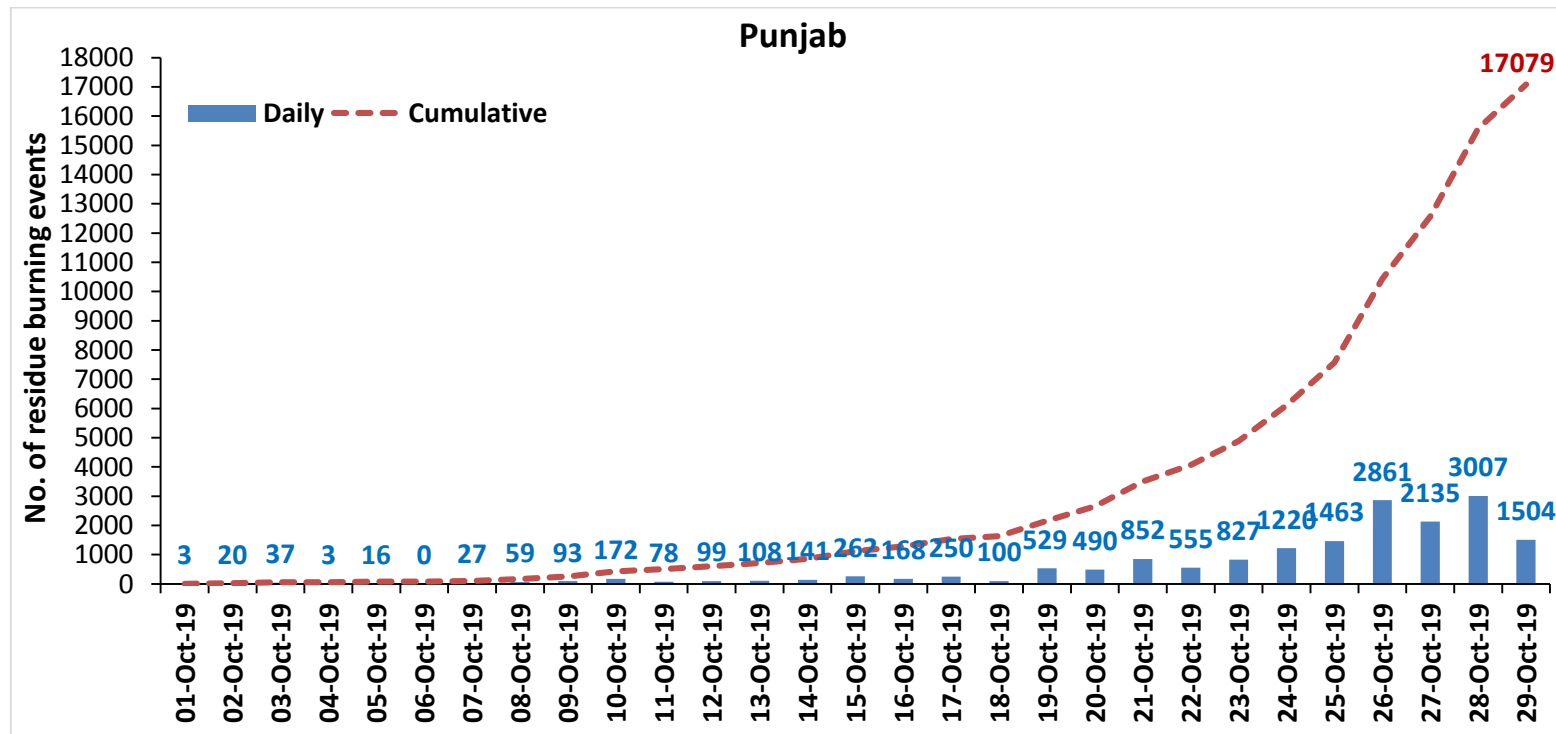
Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012

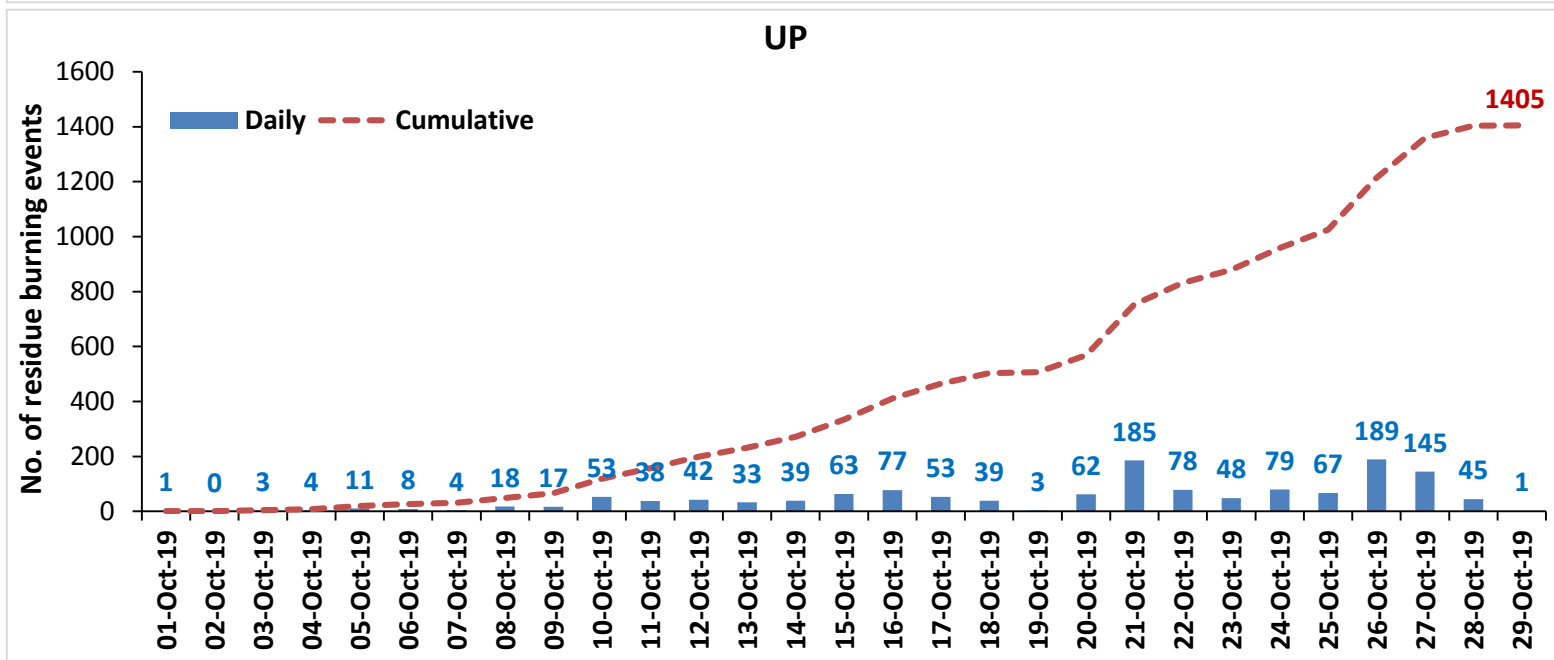
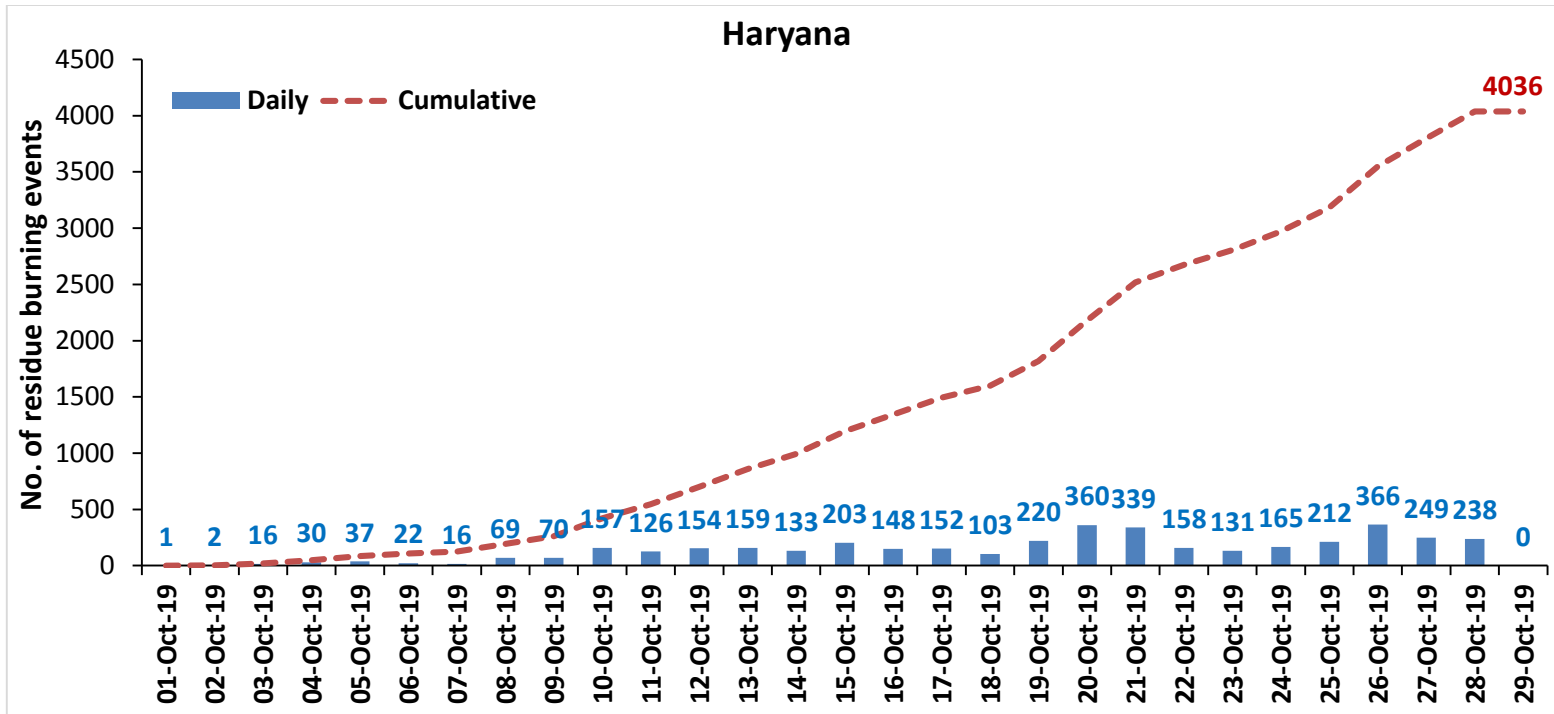
<http://creams.iari.res.in>

## Highlights for 29-October-2019

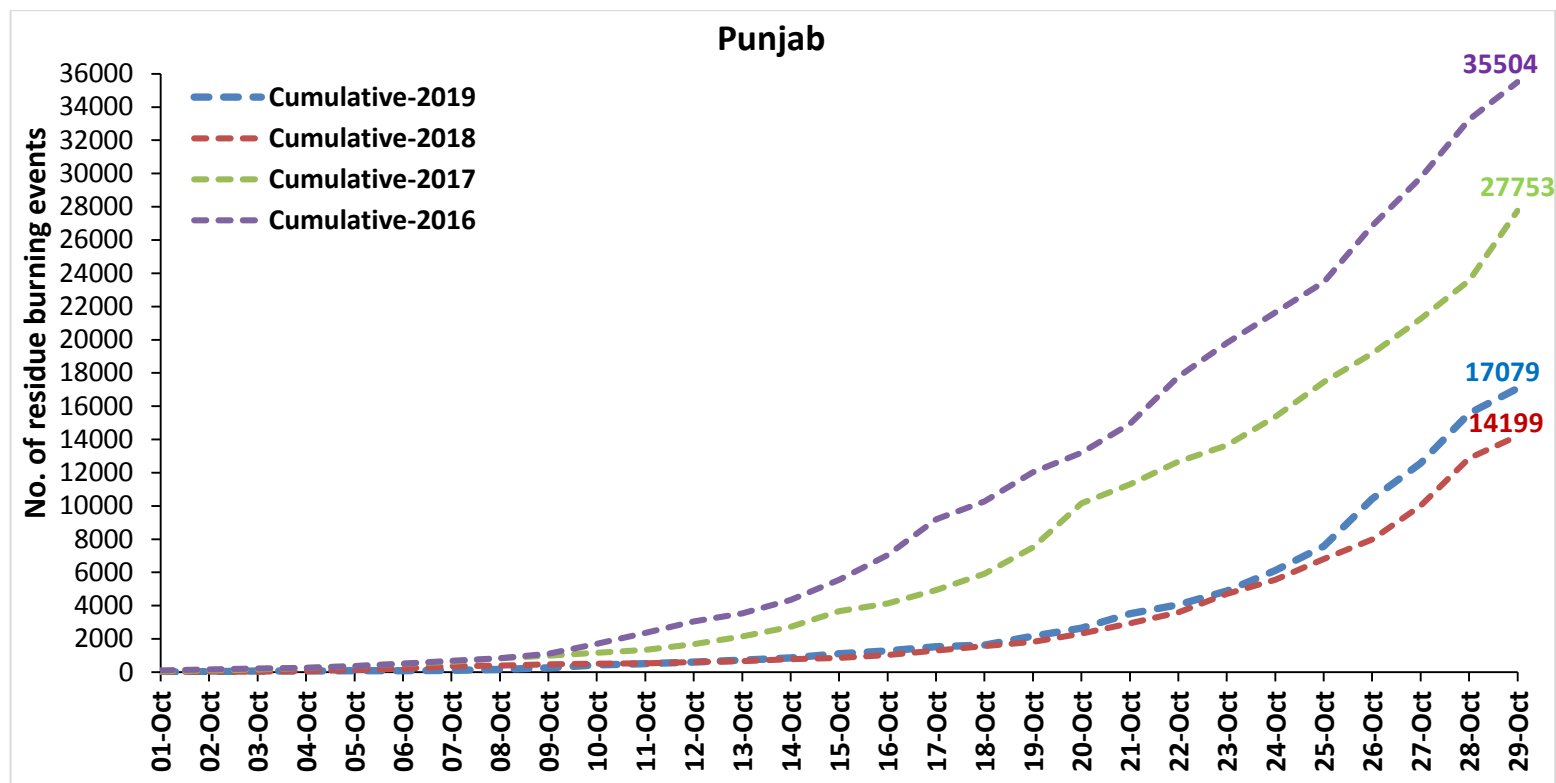
- Satellites detected **1505** residue burning events in the three study States on 29-Oct-2019.
- The burning events detected on **29-Oct-2019** are **1504, 00** and **01** in Punjab, Haryana and UP, respectively.
- The states of Haryana and UP were mostly covered with clouds which prevented fire event detection by satellites.
- The number of events has decreased from **3290** on **28-Oct-2019** to **1505** on **29-Oct-2019** in the three states.
- Total **22520** burning events were detected in the three States between **01-Oct-2019** and **29-Oct-2019**, which are distributed as **17079, 4036** and **1405** in Punjab, Haryana and UP, respectively.
- Overall, the total burning events recorded in the three states are **10.4%** more than in 2018 till date. UP recorded **40%** reduction while Punjab and Haryana recorded **20.3%** and **4.7%** increase, respectively, in the current season than in 2018.

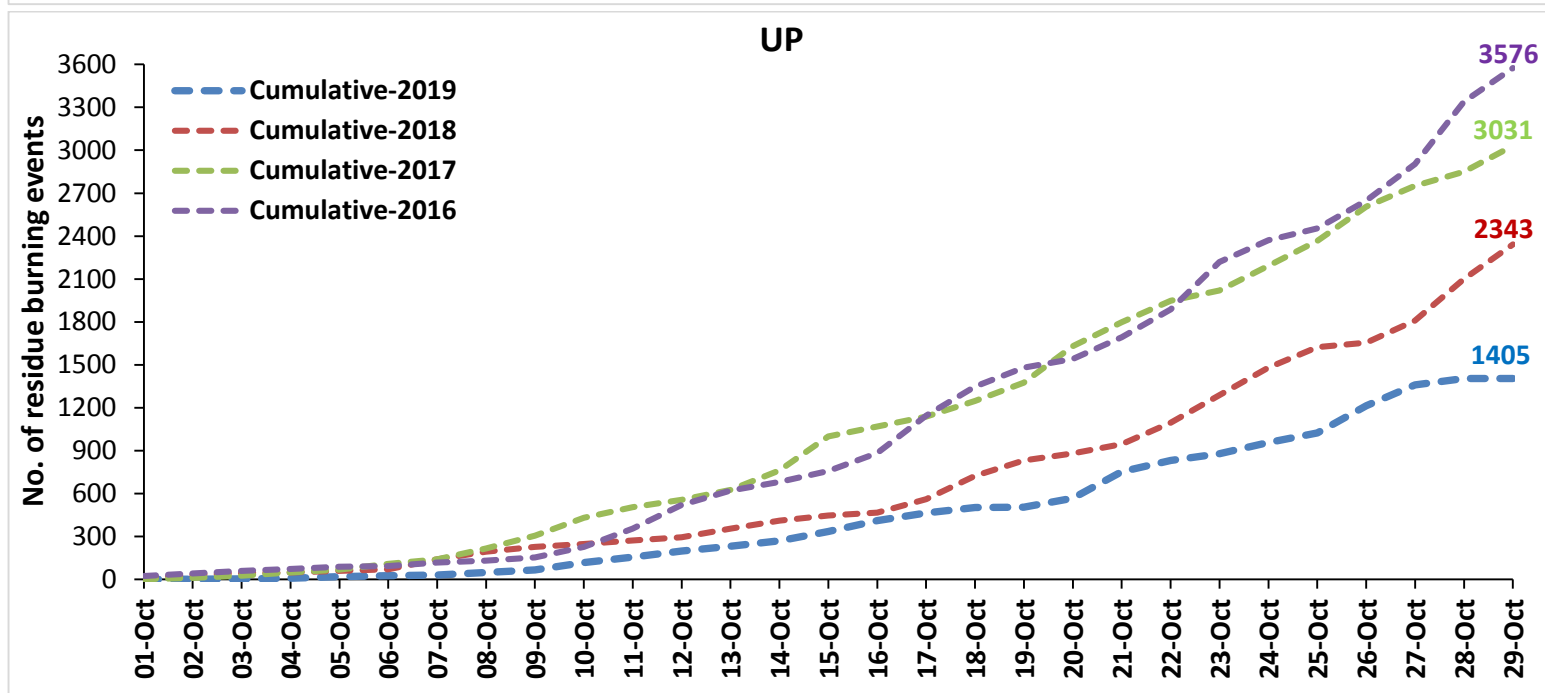
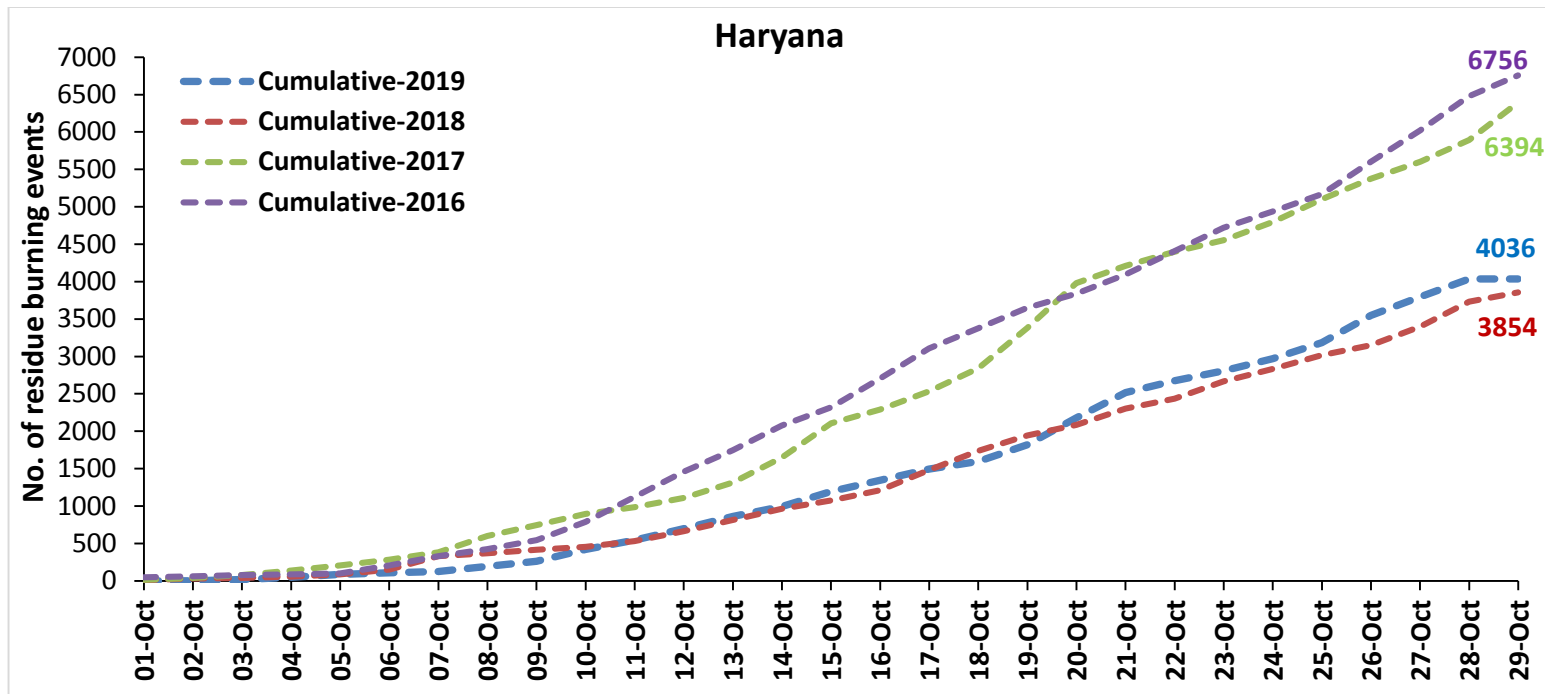
Temporal distribution of residue burning events for the three study States in 2019



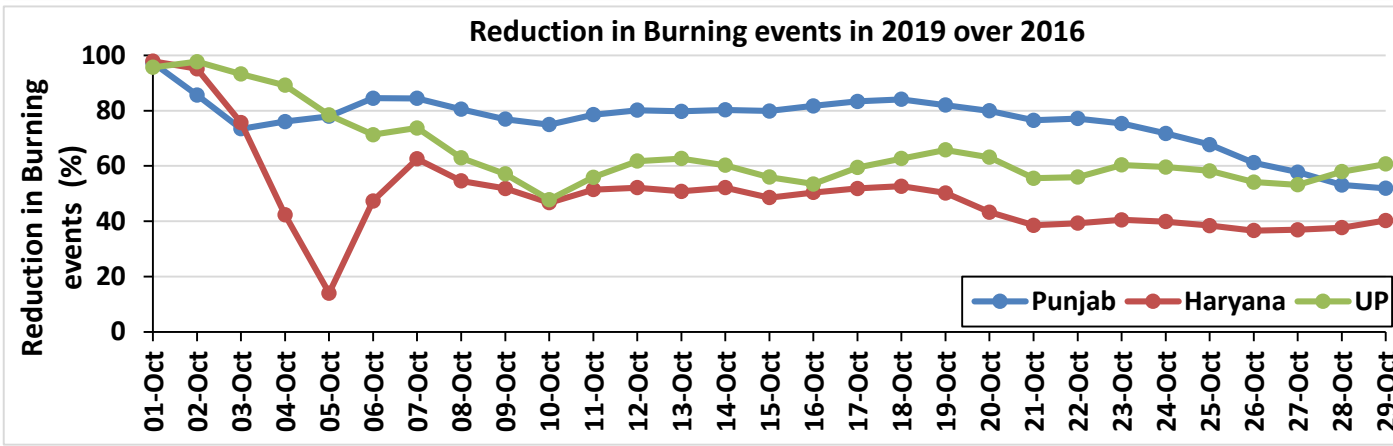
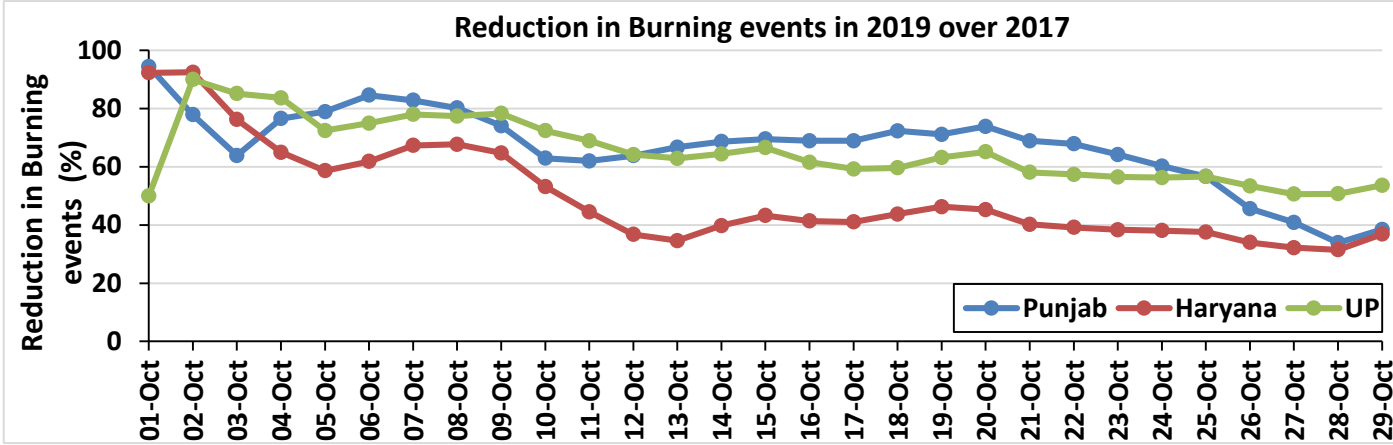
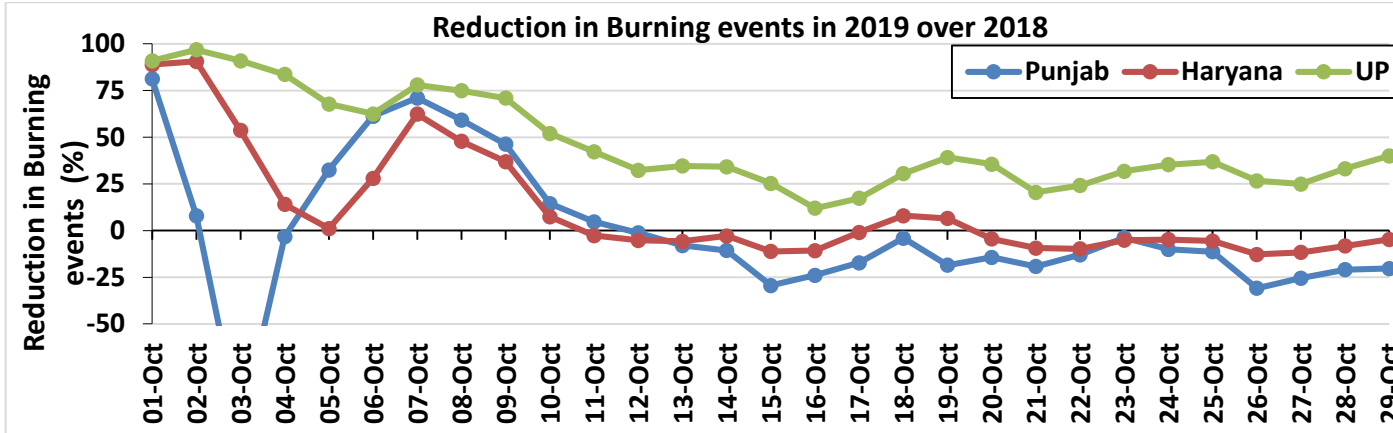


**Comparison of residue burning events in current year (2019) with previous years (2018, 2017 & 2016) for the three study States**  
**(01-Oct to 29-Oct)**



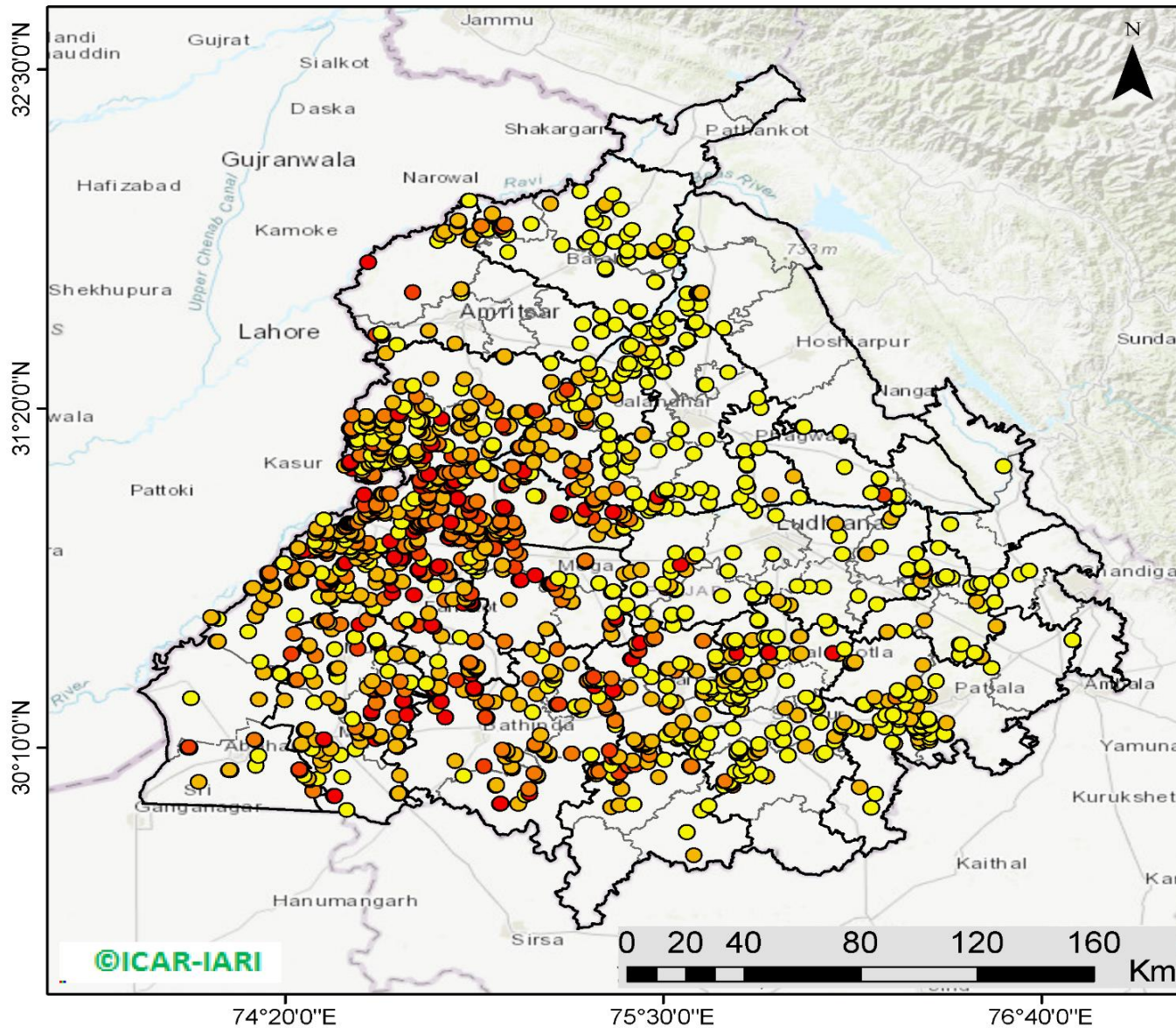


## Percent Reduction in Burning events in 2019 over 2018, 2017 and 2016 (Daily Cumulative)



(a) Punjab

RICE RESIDUE BURNING IN PUNJAB



**1504** burning events detected in Punjab on 29th October 2019

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

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



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

**Details of residue burning events in Punjab on 29-Oct-2019**

<b>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/m2)</b>
1	AMRITSAR	AJNALA	S-NPP	74.72762	31.73248	14:06:00	D	17.00
2	AMRITSAR	AJNALA	AQUA	74.58900	31.83500	14:15:00	D	23.40
3	AMRITSAR	AJNALA	S-NPP	74.80482	31.90931	14:06:00	D	4.70
4	AMRITSAR	AJNALA	S-NPP	74.83582	31.92686	14:06:00	D	4.80
5	AMRITSAR	AJNALA	S-NPP	74.81575	31.93017	14:06:00	D	8.20
6	AMRITSAR	AJNALA	S-NPP	74.81353	31.93069	14:06:00	D	8.60
7	AMRITSAR	AJNALA	S-NPP	74.82775	31.94117	14:06:00	D	5.70
8	AMRITSAR	AJNALA	S-NPP	74.82552	31.94160	14:06:00	D	6.00
9	AMRITSAR	AJNALA	S-NPP	74.86591	31.95440	14:06:00	D	8.30
10	AMRITSAR	AJNALA	S-NPP	74.86370	31.95458	14:06:00	D	9.70
11	AMRITSAR	AJNALA	S-NPP	74.93629	31.96021	14:06:00	D	10.70
12	AMRITSAR	AJNALA	S-NPP	74.93840	31.96050	14:06:00	D	12.70
13	AMRITSAR	AJNALA	S-NPP	74.86816	31.97495	14:06:00	D	5.30
14	AMRITSAR	AJNALA	S-NPP	74.86764	31.97992	14:06:00	D	5.30
15	AMRITSAR	AJNALA	S-NPP	74.90045	32.04779	14:06:00	D	7.20
16	AMRITSAR	AJNALA	S-NPP	74.90088	32.04830	14:06:00	D	4.70
17	AMRITSAR	AMRITSAR I	S-NPP	74.87840	31.74387	14:06:00	D	8.10
18	AMRITSAR	AMRITSAR I	S-NPP	74.87614	31.74424	14:06:00	D	5.40
19	AMRITSAR	AMRITSAR II	S-NPP	74.67889	31.55155	14:06:00	D	3.30
20	AMRITSAR	AMRITSAR II	S-NPP	74.85864	31.55635	14:06:00	D	8.00
21	AMRITSAR	AMRITSAR II	AQUA	74.63400	31.58300	14:15:00	D	21.50
22	AMRITSAR	AMRITSAR II	AQUA	74.61500	31.58600	14:15:00	D	19.80
23	AMRITSAR	AMRITSAR II	S-NPP	74.63047	31.58961	14:06:00	D	6.50
24	AMRITSAR	AMRITSAR II	S-NPP	74.63019	31.59176	14:06:00	D	4.50
25	AMRITSAR	AMRITSAR II	S-NPP	74.77628	31.59927	14:06:00	D	7.50
26	AMRITSAR	AMRITSAR II	S-NPP	74.77629	31.60106	14:06:00	D	5.10
27	AMRITSAR	AMRITSAR II	S-NPP	74.87773	31.72937	14:06:00	D	3.70
28	AMRITSAR	BABA BAKALA	S-NPP	75.24519	31.55645	14:06:00	D	2.70
29	AMRITSAR	BABA BAKALA	S-NPP	75.30666	31.59694	14:06:00	D	2.50
30	AMRITSAR	BABA BAKALA	S-NPP	75.31011	31.59720	14:06:00	D	4.60



31	AMRITSAR	BABA BAKALA	S-NPP	75.35303	31.62107	14:06:00	D	3.90
32	AMRITSAR	BABA BAKALA	S-NPP	75.25211	31.62330	14:06:00	D	2.20
33	BARNALA	BARNALA	S-NPP	75.51337	30.30261	14:06:00	D	10.90
34	BARNALA	BARNALA	S-NPP	75.51107	30.30550	14:06:00	D	11.60
35	BARNALA	BARNALA	S-NPP	75.53326	30.32259	14:06:00	D	3.20
36	BARNALA	BARNALA	S-NPP	75.53665	30.32285	14:06:00	D	5.70
37	BARNALA	BARNALA	S-NPP	75.52254	30.32685	14:06:00	D	1.80
38	BARNALA	BARNALA	S-NPP	75.64974	30.33172	14:06:00	D	4.40
39	BARNALA	BARNALA	S-NPP	75.46237	30.33227	14:06:00	D	7.10
40	BARNALA	BARNALA	S-NPP	75.67242	30.34897	14:06:00	D	2.90
41	BARNALA	BARNALA	S-NPP	75.63731	30.35136	14:06:00	D	5.30
42	BARNALA	BARNALA	S-NPP	75.65155	30.36523	12:30:00	D	4.60
43	BARNALA	BARNALA	S-NPP	75.64906	30.37292	14:06:00	D	3.40
44	BARNALA	BARNALA	S-NPP	75.62440	30.37608	14:06:00	D	2.60
45	BARNALA	BARNALA	S-NPP	75.51060	30.37705	14:06:00	D	4.80
46	BARNALA	BARNALA	S-NPP	75.34063	30.40345	14:06:00	D	11.20
47	BARNALA	BARNALA	S-NPP	75.46302	30.40884	14:06:00	D	1.70
48	BARNALA	BARNALA	S-NPP	75.60062	30.42853	14:06:00	D	6.00
49	BARNALA	BARNALA	S-NPP	75.60407	30.42880	14:06:00	D	6.00
50	BARNALA	BARNALA	S-NPP	75.53843	30.42881	14:06:00	D	14.40
51	BARNALA	BARNALA	S-NPP	75.43068	30.43050	14:06:00	D	4.00
52	BARNALA	BARNALA	S-NPP	75.51010	30.43682	14:06:00	D	8.10
53	BARNALA	BARNALA	S-NPP	75.51692	30.43736	14:06:00	D	8.70
54	BARNALA	BARNALA	S-NPP	75.56709	30.45160	14:06:00	D	7.80
55	BARNALA	BARNALA	S-NPP	75.55287	30.45560	14:06:00	D	1.70
56	BARNALA	BARNALA	S-NPP	75.66481	30.45770	12:30:00	D	5.70
57	BARNALA	BARNALA	S-NPP	75.66450	30.46406	12:30:00	D	7.10
58	BARNALA	BARNALA	S-NPP	75.39969	30.46870	14:06:00	D	4.50
59	BARNALA	BARNALA	AQUA	75.40500	30.46900	14:15:00	D	20.90
60	BARNALA	BARNALA	S-NPP	75.42161	30.49947	14:06:00	D	22.20
61	BARNALA	BARNALA	S-NPP	75.42345	30.50123	14:06:00	D	17.80
62	BARNALA	BARNALA	S-NPP	75.41898	30.52474	14:06:00	D	6.00
63	BARNALA	BARNALA	AQUA	75.42800	30.52700	14:15:00	D	22.40

64	BARNALA	BARNALA	S-NPP	75.62170	30.53269	12:30:00	D	11.40
65	BARNALA	BARNALA	S-NPP	75.62268	30.53334	12:30:00	D	10.80
66	BARNALA	BARNALA	S-NPP	75.46599	30.53955	12:30:00	D	10.80
67	BARNALA	BARNALA	S-NPP	75.47332	30.54167	12:30:00	D	11.90
68	BARNALA	BARNALA	S-NPP	75.46570	30.58464	14:06:00	D	8.70
69	BARNALA	TAPPA	S-NPP	75.41142	30.19238	14:06:00	D	7.50
70	BARNALA	TAPPA	S-NPP	75.41095	30.19313	14:06:00	D	5.60
71	BARNALA	TAPPA	S-NPP	75.54434	30.19431	14:06:00	D	7.50
72	BARNALA	TAPPA	S-NPP	75.54457	30.19775	14:06:00	D	7.40
73	BARNALA	TAPPA	S-NPP	75.55397	30.20024	14:06:00	D	2.40
74	BARNALA	TAPPA	S-NPP	75.55421	30.20362	14:06:00	D	2.30
75	BARNALA	TAPPA	S-NPP	75.51013	30.20807	12:24:00	D	2.90
76	BARNALA	TAPPA	S-NPP	75.52449	30.22684	14:06:00	D	5.80
77	BARNALA	TAPPA	S-NPP	75.52788	30.22712	14:06:00	D	7.20
78	BARNALA	TAPPA	S-NPP	75.56263	30.25551	14:06:00	D	6.10
79	BARNALA	TAPPA	S-NPP	75.62203	30.28089	14:06:00	D	7.10
80	BARNALA	TAPPA	S-NPP	75.32353	30.31093	14:06:00	D	12.70
81	BARNALA	TAPPA	S-NPP	75.35905	30.35433	14:06:00	D	6.90
82	BARNALA	TAPPA	S-NPP	75.62301	30.35537	14:06:00	D	9.00
83	BARNALA	TAPPA	S-NPP	75.62645	30.35564	14:06:00	D	9.00
84	BARNALA	TAPPA	S-NPP	75.34475	30.36328	14:06:00	D	20.90
85	BARNALA	TAPPA	S-NPP	75.39742	30.37275	14:06:00	D	7.40
86	BARNALA	TAPPA	S-NPP	75.30623	30.40027	14:06:00	D	6.20
87	BARNALA	TAPPA	S-NPP	75.30759	30.40060	14:06:00	D	4.50
88	BATHINDA	BATHINDA	AQUA	75.03300	30.09300	14:15:00	D	46.70
89	BATHINDA	BATHINDA	S-NPP	75.03001	30.10030	14:06:00	D	6.90
90	BATHINDA	BATHINDA	S-NPP	74.94781	30.10313	14:06:00	D	15.10
91	BATHINDA	BATHINDA	S-NPP	74.85885	30.11993	14:06:00	D	6.20
92	BATHINDA	BATHINDA	S-NPP	75.01376	30.13358	14:06:00	D	5.90
93	BATHINDA	BATHINDA	S-NPP	75.04464	30.14124	14:06:00	D	7.70
94	BATHINDA	BATHINDA	S-NPP	75.03191	30.14191	14:06:00	D	3.30
95	BATHINDA	BATHINDA	S-NPP	75.04449	30.14293	14:06:00	D	8.60
96	BATHINDA	BATHINDA	S-NPP	75.01794	30.15377	14:06:00	D	5.10

97	BATHINDA	BATHINDA	S-NPP	75.01772	30.15562	14:06:00	D	5.70
98	BATHINDA	BATHINDA	S-NPP	75.00487	30.15756	14:06:00	D	14.90
99	BATHINDA	BATHINDA	S-NPP	75.00462	30.15950	14:06:00	D	11.70
100	BATHINDA	BATHINDA	S-NPP	74.68212	30.16650	14:06:00	D	25.20
101	BATHINDA	BATHINDA	S-NPP	75.10516	30.17273	14:06:00	D	6.40
102	BATHINDA	BATHINDA	S-NPP	75.10474	30.17639	14:06:00	D	13.70
103	BATHINDA	BATHINDA	S-NPP	75.12061	30.20891	14:06:00	D	6.30
104	BATHINDA	BATHINDA	S-NPP	74.95494	30.26901	14:06:00	D	3.80
105	BATHINDA	BATHINDA	S-NPP	74.82731	30.26990	14:06:00	D	32.00
106	BATHINDA	BATHINDA	S-NPP	74.95229	30.27053	14:06:00	D	17.30
107	BATHINDA	BATHINDA	S-NPP	75.09701	30.28745	14:06:00	D	4.90
108	BATHINDA	BATHINDA	S-NPP	74.79855	30.30664	14:06:00	D	6.30
109	BATHINDA	BATHINDA	S-NPP	75.05564	30.31388	14:06:00	D	7.40
110	BATHINDA	BATHINDA	S-NPP	74.94074	30.31897	14:06:00	D	7.30
111	BATHINDA	BATHINDA	S-NPP	74.95952	30.32058	14:06:00	D	6.00
112	BATHINDA	BATHINDA	S-NPP	74.97831	30.32220	14:06:00	D	9.80
113	BATHINDA	BATHINDA	AQUA	74.81400	30.32400	14:15:00	D	25.30
114	BATHINDA	BATHINDA	S-NPP	74.95272	30.32495	14:06:00	D	10.10
115	BATHINDA	BATHINDA	S-NPP	75.14458	30.32636	14:06:00	D	50.60
116	BATHINDA	BATHINDA	S-NPP	75.10990	30.34841	14:06:00	D	5.80
117	BATHINDA	BATHINDA	S-NPP	75.02610	30.35113	14:06:00	D	5.30
118	BATHINDA	BATHINDA	S-NPP	75.02434	30.35268	14:06:00	D	5.90
119	BATHINDA	BATHINDA	S-NPP	74.91639	30.35383	14:06:00	D	6.50
120	BATHINDA	BATHINDA	S-NPP	74.88570	30.36348	14:06:00	D	9.70
121	BATHINDA	BATHINDA	S-NPP	74.91476	30.36850	14:06:00	D	15.90
122	BATHINDA	BATHINDA	S-NPP	74.80843	30.36947	14:06:00	D	12.20
123	BATHINDA	BATHINDA	S-NPP	74.91624	30.37115	14:06:00	D	41.10
124	BATHINDA	BATHINDA	S-NPP	75.14420	30.37726	14:06:00	D	3.60
125	BATHINDA	BATHINDA	S-NPP	75.08961	30.40280	14:06:00	D	11.10
126	BATHINDA	RAMPURA PHUL	S-NPP	75.34401	30.13176	14:06:00	D	17.40
127	BATHINDA	RAMPURA PHUL	S-NPP	75.14716	30.14019	14:06:00	D	17.40
128	BATHINDA	RAMPURA PHUL	S-NPP	75.27711	30.14127	14:06:00	D	4.10
129	BATHINDA	RAMPURA PHUL	S-NPP	75.14663	30.14515	14:06:00	D	5.30

130	BATHINDA	RAMPURA PHUL	S-NPP	75.21779	30.14627	14:06:00	D	12.40
131	BATHINDA	RAMPURA PHUL	S-NPP	75.13283	30.15393	14:06:00	D	6.60
132	BATHINDA	RAMPURA PHUL	S-NPP	75.13282	30.15503	14:06:00	D	6.70
133	BATHINDA	RAMPURA PHUL	S-NPP	75.33485	30.15625	14:06:00	D	19.40
134	BATHINDA	RAMPURA PHUL	S-NPP	75.13230	30.15887	14:06:00	D	6.60
135	BATHINDA	RAMPURA PHUL	S-NPP	75.35270	30.24336	14:06:00	D	4.70
136	BATHINDA	RAMPURA PHUL	S-NPP	75.35113	30.25841	14:06:00	D	11.90
137	BATHINDA	RAMPURA PHUL	S-NPP	75.24593	30.29458	14:06:00	D	4.80
138	BATHINDA	RAMPURA PHUL	S-NPP	75.32722	30.29684	14:06:00	D	10.30
139	BATHINDA	RAMPURA PHUL	S-NPP	75.32460	30.30091	14:06:00	D	10.00
140	BATHINDA	RAMPURA PHUL	S-NPP	75.23183	30.30349	14:06:00	D	3.50
141	BATHINDA	RAMPURA PHUL	S-NPP	75.22980	30.30753	12:30:00	D	4.20
142	BATHINDA	RAMPURA PHUL	S-NPP	75.25176	30.31006	12:30:00	D	6.30
143	BATHINDA	RAMPURA PHUL	S-NPP	75.17194	30.31363	14:06:00	D	8.60
144	BATHINDA	RAMPURA PHUL	S-NPP	75.17841	30.31416	14:06:00	D	18.50
145	BATHINDA	RAMPURA PHUL	S-NPP	75.13764	30.33078	14:06:00	D	50.60
146	BATHINDA	RAMPURA PHUL	S-NPP	75.30064	30.33938	14:06:00	D	2.30
147	BATHINDA	RAMPURA PHUL	AQUA	75.28800	30.37800	14:15:00	D	36.50
148	BATHINDA	RAMPURA PHUL	S-NPP	75.29494	30.39445	14:06:00	D	4.10
149	BATHINDA	RAMPURA PHUL	S-NPP	75.26674	30.39713	14:06:00	D	11.10
150	BATHINDA	RAMPURA PHUL	S-NPP	75.26817	30.39719	14:06:00	D	11.20
151	BATHINDA	RAMPURA PHUL	S-NPP	75.28033	30.39787	12:30:00	D	9.90
152	BATHINDA	RAMPURA PHUL	S-NPP	75.16146	30.39869	14:06:00	D	4.60
153	BATHINDA	RAMPURA PHUL	S-NPP	75.27775	30.40466	12:30:00	D	8.80
154	BATHINDA	RAMPURA PHUL	S-NPP	75.28541	30.40871	14:06:00	D	17.50
155	BATHINDA	RAMPURA PHUL	S-NPP	75.15988	30.41359	14:06:00	D	6.70
156	BATHINDA	RAMPURA PHUL	S-NPP	75.15935	30.41856	14:06:00	D	6.70
157	BATHINDA	RAMPURA PHUL	S-NPP	75.16582	30.41909	14:06:00	D	6.70
158	BATHINDA	RAMPURA PHUL	S-NPP	75.15186	30.42796	14:06:00	D	7.50
159	BATHINDA	RAMPURA PHUL	S-NPP	75.21466	30.45329	14:06:00	D	5.20
160	BATHINDA	RAMPURA PHUL	S-NPP	75.12447	30.48112	14:06:00	D	3.40
161	BATHINDA	RAMPURA PHUL	S-NPP	75.09605	30.50382	14:06:00	D	8.70
162	BATHINDA	RAMPURA PHUL	S-NPP	75.17420	30.50517	14:06:00	D	12.60

163	BATHINDA	RAMPURA PHUL	S-NPP	75.14087	30.57265	14:06:00	D	8.00
164	BATHINDA	RAMPURA PHUL	S-NPP	75.13948	30.57321	14:06:00	D	9.50
165	BATHINDA	TALWANDI SABO	S-NPP	75.05280	29.97196	14:06:00	D	8.20
166	BATHINDA	TALWANDI SABO	S-NPP	74.99603	29.97212	14:06:00	D	4.70
167	BATHINDA	TALWANDI SABO	AQUA	74.99800	29.97300	14:15:00	D	40.20
168	BATHINDA	TALWANDI SABO	S-NPP	75.07474	30.00358	14:06:00	D	3.40
169	BATHINDA	TALWANDI SABO	S-NPP	75.08680	30.00958	14:06:00	D	21.80
170	BATHINDA	TALWANDI SABO	S-NPP	75.08524	30.02435	14:06:00	D	14.10
171	BATHINDA	TALWANDI SABO	S-NPP	74.98294	30.03519	14:06:00	D	4.10
172	BATHINDA	TALWANDI SABO	S-NPP	74.98637	30.03728	14:06:00	D	6.50
173	BATHINDA	TALWANDI SABO	S-NPP	75.11201	30.06696	12:24:00	D	1.60
174	BATHINDA	TALWANDI SABO	S-NPP	74.88310	30.06804	14:06:00	D	3.90
175	BATHINDA	TALWANDI SABO	S-NPP	75.11167	30.07167	12:24:00	D	6.40
176	BATHINDA	TALWANDI SABO	S-NPP	75.10258	30.07661	14:06:00	D	12.60
177	FARIDKOT	FARIDKOT	S-NPP	74.87439	30.54469	14:06:00	D	4.90
178	FARIDKOT	FARIDKOT	S-NPP	74.81606	30.54734	14:06:00	D	4.60
179	FARIDKOT	FARIDKOT	S-NPP	74.81744	30.54955	14:06:00	D	5.50
180	FARIDKOT	FARIDKOT	AQUA	74.79200	30.58000	14:15:00	D	28.50
181	FARIDKOT	FARIDKOT	S-NPP	74.74342	30.58548	14:06:00	D	17.40
182	FARIDKOT	FARIDKOT	AQUA	74.78600	30.58700	14:15:00	D	20.40
183	FARIDKOT	FARIDKOT	S-NPP	74.68736	30.59050	14:06:00	D	10.40
184	FARIDKOT	FARIDKOT	AQUA	74.71300	30.60100	14:15:00	D	44.90
185	FARIDKOT	FARIDKOT	S-NPP	74.71018	30.60711	14:06:00	D	4.20
186	FARIDKOT	FARIDKOT	AQUA	74.70700	30.60800	14:15:00	D	57.60
187	FARIDKOT	FARIDKOT	S-NPP	74.77609	30.62751	14:06:00	D	7.20
188	FARIDKOT	FARIDKOT	S-NPP	74.60696	30.64549	14:06:00	D	10.90
189	FARIDKOT	FARIDKOT	S-NPP	74.60776	30.64685	14:06:00	D	2.60
190	FARIDKOT	FARIDKOT	S-NPP	74.91113	30.65894	14:06:00	D	6.10
191	FARIDKOT	FARIDKOT	S-NPP	74.91032	30.66045	14:06:00	D	3.20
192	FARIDKOT	FARIDKOT	AQUA	74.88200	30.66300	14:15:00	D	37.80
193	FARIDKOT	FARIDKOT	AQUA	74.90800	30.66600	14:15:00	D	20.40
194	FARIDKOT	FARIDKOT	S-NPP	74.89700	30.67256	14:06:00	D	11.00
195	FARIDKOT	FARIDKOT	S-NPP	74.59167	30.67336	14:06:00	D	7.70

196	FARIDKOT	FARIDKOT	S-NPP	74.82668	30.67342	14:06:00	D	14.50
197	FARIDKOT	FARIDKOT	S-NPP	74.48288	30.67372	14:06:00	D	4.40
198	FARIDKOT	FARIDKOT	S-NPP	74.59771	30.67388	14:06:00	D	7.70
199	FARIDKOT	FARIDKOT	S-NPP	74.89614	30.67415	14:06:00	D	9.90
200	FARIDKOT	FARIDKOT	S-NPP	74.85194	30.67571	12:30:00	D	6.40
201	FARIDKOT	FARIDKOT	S-NPP	74.89021	30.67691	14:06:00	D	5.50
202	FARIDKOT	FARIDKOT	S-NPP	74.64006	30.67747	14:06:00	D	14.50
203	FARIDKOT	FARIDKOT	S-NPP	74.73119	30.69005	14:06:00	D	25.90
204	FARIDKOT	FARIDKOT	S-NPP	74.56545	30.69054	14:06:00	D	5.20
205	FARIDKOT	FARIDKOT	S-NPP	74.89400	30.69376	14:06:00	D	8.90
206	FARIDKOT	FARIDKOT	S-NPP	74.90662	30.69480	14:06:00	D	17.20
207	FARIDKOT	FARIDKOT	S-NPP	74.51646	30.69597	14:06:00	D	5.50
208	FARIDKOT	FARIDKOT	AQUA	74.66400	30.69600	14:15:00	D	24.00
209	FARIDKOT	FARIDKOT	S-NPP	74.88557	30.71285	14:06:00	D	6.20
210	FARIDKOT	FARIDKOT	S-NPP	74.52576	30.72099	14:06:00	D	3.20
211	FARIDKOT	FARIDKOT	S-NPP	74.79888	30.72141	12:30:00	D	4.30
212	FARIDKOT	FARIDKOT	S-NPP	74.49536	30.72313	14:06:00	D	4.20
213	FARIDKOT	FARIDKOT	S-NPP	74.66568	30.72357	14:06:00	D	26.40
214	FARIDKOT	FARIDKOT	S-NPP	74.61548	30.73379	14:06:00	D	8.30
215	FARIDKOT	FARIDKOT	S-NPP	74.69520	30.73592	14:06:00	D	6.40
216	FARIDKOT	FARIDKOT	AQUA	74.47800	30.74300	14:15:00	D	32.10
217	FARIDKOT	FARIDKOT	S-NPP	74.48082	30.74598	14:06:00	D	5.20
218	FARIDKOT	FARIDKOT	AQUA	74.48300	30.74800	14:15:00	D	41.70
219	FARIDKOT	FARIDKOT	S-NPP	74.47237	30.74990	14:06:00	D	6.30
220	FARIDKOT	FARIDKOT	S-NPP	74.47436	30.75022	14:06:00	D	17.30
221	FARIDKOT	FARIDKOT	S-NPP	74.65475	30.75052	14:06:00	D	20.40
222	FARIDKOT	FARIDKOT	S-NPP	74.65034	30.75151	14:06:00	D	10.60
223	FARIDKOT	FARIDKOT	S-NPP	74.65642	30.75205	14:06:00	D	17.90
224	FARIDKOT	FARIDKOT	S-NPP	74.52014	30.75392	14:06:00	D	14.50
225	FARIDKOT	FARIDKOT	S-NPP	74.52203	30.75456	14:06:00	D	13.90
226	FARIDKOT	FARIDKOT	S-NPP	74.65422	30.75535	14:06:00	D	6.40
227	FARIDKOT	FARIDKOT	S-NPP	74.76550	30.75957	14:06:00	D	13.70
228	FARIDKOT	FARIDKOT	S-NPP	74.84087	30.76073	14:06:00	D	20.00

229	FARIDKOT	FARIDKOT	S-NPP	74.76079	30.76129	14:06:00	D	9.30
230	FARIDKOT	FARIDKOT	S-NPP	74.76698	30.76184	14:06:00	D	19.80
231	FARIDKOT	FARIDKOT	S-NPP	74.61663	30.76199	14:06:00	D	7.40
232	FARIDKOT	FARIDKOT	S-NPP	74.83596	30.76296	14:06:00	D	12.20
233	FARIDKOT	FARIDKOT	S-NPP	74.61840	30.76328	14:06:00	D	9.80
234	FARIDKOT	FARIDKOT	S-NPP	74.76497	30.76443	14:06:00	D	14.60
235	FARIDKOT	FARIDKOT	AQUA	74.73300	30.77000	14:15:00	D	68.50
236	FARIDKOT	FARIDKOT	S-NPP	74.74685	30.77479	14:06:00	D	22.10
237	FARIDKOT	FARIDKOT	AQUA	74.72700	30.77700	14:15:00	D	55.60
238	FARIDKOT	FARIDKOT	S-NPP	74.74477	30.77751	14:06:00	D	35.00
239	FARIDKOT	FARIDKOT	AQUA	74.75300	30.77900	14:15:00	D	50.70
240	FARIDKOT	FARIDKOT	S-NPP	74.74632	30.77965	14:06:00	D	22.10
241	FARIDKOT	FARIDKOT	AQUA	74.80400	30.78300	14:15:00	D	41.40
242	FARIDKOT	FARIDKOT	S-NPP	74.58258	30.79318	14:06:00	D	3.30
243	FARIDKOT	FARIDKOT	S-NPP	74.68668	30.79716	14:06:00	D	8.30
244	FARIDKOT	FARIDKOT	S-NPP	74.59362	30.80386	14:06:00	D	4.90
245	FARIDKOT	FARIDKOT	AQUA	74.67200	30.81300	14:15:00	D	21.20
246	FARIDKOT	FARIDKOT	S-NPP	74.75966	30.81313	14:06:00	D	4.10
247	FARIDKOT	FARIDKOT	AQUA	74.69700	30.81500	14:15:00	D	21.90
248	FARIDKOT	FARIDKOT	S-NPP	74.69070	30.81708	14:06:00	D	25.90
249	FARIDKOT	FARIDKOT	S-NPP	74.67175	30.82034	14:06:00	D	21.00
250	FARIDKOT	JAITO	S-NPP	74.92101	30.36902	14:06:00	D	16.30
251	FARIDKOT	JAITO	S-NPP	74.86129	30.39852	14:06:00	D	17.20
252	FARIDKOT	JAITO	S-NPP	74.90947	30.41743	14:06:00	D	24.50
253	FARIDKOT	JAITO	S-NPP	74.80873	30.42348	14:06:00	D	6.70
254	FARIDKOT	JAITO	AQUA	74.91900	30.43100	14:15:00	D	45.90
255	FARIDKOT	JAITO	S-NPP	74.90164	30.43156	14:06:00	D	6.30
256	FARIDKOT	JAITO	S-NPP	74.91983	30.43808	14:06:00	D	7.60
257	FARIDKOT	JAITO	S-NPP	74.92610	30.43862	14:06:00	D	10.30
258	FARIDKOT	JAITO	S-NPP	74.92558	30.44352	14:06:00	D	5.80
259	FARIDKOT	JAITO	S-NPP	74.89902	30.45602	14:06:00	D	8.20
260	FARIDKOT	JAITO	S-NPP	74.90528	30.45657	14:06:00	D	8.20
261	FARIDKOT	JAITO	S-NPP	74.90268	30.45823	14:06:00	D	13.30

262	FARIDKOT	JAITO	S-NPP	74.80450	30.46238	14:06:00	D	3.80
263	FARIDKOT	JAITO	S-NPP	74.92028	30.52889	14:06:00	D	13.50
264	FARIDKOT	JAITO	S-NPP	74.91975	30.53379	14:06:00	D	13.50
265	FATEHGARH SAHIB	ALMOH	S-NPP	76.19120	30.56208	14:06:00	D	5.20
266	FATEHGARH SAHIB	ALMOH	S-NPP	76.19244	30.56379	14:06:00	D	5.60
267	FATEHGARH SAHIB	ALMOH	S-NPP	76.24522	30.56792	14:06:00	D	3.20
268	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.48052	30.65308	14:06:00	D	3.60
269	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.46732	30.66839	14:06:00	D	6.40
270	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.45534	30.71333	14:06:00	D	3.10
271	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.47495	30.71473	14:06:00	D	4.70
272	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.45092	30.71844	14:06:00	D	3.10
273	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.46955	30.73063	14:06:00	D	1.80
274	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.48135	30.73148	14:06:00	D	3.30
275	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.48248	30.47524	14:06:00	D	6.70
276	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.48206	30.47769	14:06:00	D	6.20
277	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.41492	30.48379	14:06:00	D	1.60
278	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.41499	30.48628	14:06:00	D	3.90
279	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.46152	30.48989	14:06:00	D	3.20
280	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.46101	30.49246	14:06:00	D	2.40
281	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.41530	30.52162	14:06:00	D	3.30
282	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.41916	30.52191	14:06:00	D	3.30
283	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.52755	30.58421	14:06:00	D	6.80
284	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.30573	30.60248	14:06:00	D	6.60
285	FATEHGARH SAHIB	KHAMANO	S-NPP	76.29664	30.73962	14:06:00	D	5.10
286	FATEHGARH SAHIB	KHAMANO	S-NPP	76.35059	30.74362	14:06:00	D	1.80
287	FATEHGARH SAHIB	KHAMANO	S-NPP	76.36560	30.75013	14:06:00	D	3.70
288	FATEHGARH SAHIB	KHAMANO	S-NPP	76.38890	30.75185	14:06:00	D	4.00
289	FATEHGARH SAHIB	KHAMANO	S-NPP	76.37287	30.75607	14:06:00	D	3.30
290	FATEHGARH SAHIB	KHAMANO	S-NPP	76.30521	30.77254	14:06:00	D	11.10
291	FATEHGARH SAHIB	KHAMANO	S-NPP	76.30589	30.77536	14:06:00	D	11.70
292	FATEHGARH SAHIB	KHAMANO	S-NPP	76.30102	30.78578	14:06:00	D	7.20
293	FATEHGARH SAHIB	KHAMANO	S-NPP	76.29990	30.78829	14:06:00	D	4.40
294	FATEHGARH SAHIB	KHAMANO	S-NPP	76.34914	30.85394	14:06:00	D	2.90



295	FAZILKA	ABOHAR	S-NPP	74.42083	30.01827	14:06:00	D	11.00
296	FAZILKA	ABOHAR	S-NPP	74.06618	30.04726	14:06:00	D	8.20
297	FAZILKA	ABOHAR	S-NPP	74.16083	30.08718	14:06:00	D	6.70
298	FAZILKA	ABOHAR	S-NPP	74.16639	30.08767	14:06:00	D	6.70
299	FAZILKA	ABOHAR	S-NPP	74.16157	30.08918	14:06:00	D	7.00
300	FAZILKA	ABOHAR	S-NPP	74.24361	30.10397	14:06:00	D	3.40
301	FAZILKA	ABOHAR	S-NPP	74.25107	30.13775	14:06:00	D	2.90
302	FAZILKA	ABOHAR	S-NPP	74.03472	30.16462	14:06:00	D	7.00
303	FAZILKA	ABOHAR	S-NPP	74.04018	30.16514	14:06:00	D	9.20
304	FAZILKA	ABOHAR	S-NPP	74.03680	30.16787	14:06:00	D	18.40
305	FAZILKA	ABOHAR	S-NPP	74.24201	30.19065	14:06:00	D	8.70
306	FAZILKA	ABOHAR	S-NPP	74.23892	30.19341	14:06:00	D	11.10
307	FAZILKA	FAZILKA	S-NPP	74.25212	30.33097	14:06:00	D	8.60
308	FAZILKA	FAZILKA	S-NPP	74.04248	30.33555	14:06:00	D	4.70
309	FAZILKA	JALALABAD	S-NPP	74.25735	30.46097	14:06:00	D	2.80
310	FAZILKA	JALALABAD	AQUA	74.35400	30.48900	14:15:00	D	20.00
311	FAZILKA	JALALABAD	S-NPP	74.12122	30.53140	14:06:00	D	5.10
312	FAZILKA	JALALABAD	S-NPP	74.12686	30.53191	14:06:00	D	5.10
313	FAZILKA	JALALABAD	S-NPP	74.36070	30.55736	14:06:00	D	12.50
314	FAZILKA	JALALABAD	S-NPP	74.22039	30.56395	14:06:00	D	4.50
315	FAZILKA	JALALABAD	S-NPP	74.12784	30.60948	14:06:00	D	4.50
316	FAZILKA	JALALABAD	S-NPP	74.11037	30.61267	14:06:00	D	12.00
317	FAZILKA	JALALABAD	S-NPP	74.10589	30.61490	14:06:00	D	5.20
318	FAZILKA	JALALABAD	S-NPP	74.24305	30.61829	14:06:00	D	3.50
319	FAZILKA	JALALABAD	S-NPP	74.24161	30.61934	14:06:00	D	5.40
320	FAZILKA	JALALABAD	S-NPP	74.36417	30.62029	14:06:00	D	4.80
321	FAZILKA	JALALABAD	S-NPP	74.25557	30.64911	14:06:00	D	7.10
322	FAZILKA	JALALABAD	S-NPP	74.29377	30.67155	14:06:00	D	8.70
323	FAZILKA	JALALABAD	S-NPP	74.29955	30.67206	14:06:00	D	8.70
324	FAZILKA	JALALABAD	S-NPP	74.46993	30.68225	14:06:00	D	7.20
325	FAZILKA	JALALABAD	S-NPP	74.43981	30.68444	14:06:00	D	3.10
326	FAZILKA	JALALABAD	S-NPP	74.46940	30.68703	14:06:00	D	7.20
327	FAZILKA	JALALABAD	S-NPP	74.26852	30.68837	14:06:00	D	6.50

328	FAZILKA	JALALABAD	S-NPP	74.23080	30.71351	14:06:00	D	4.40
329	FAZILKA	JALALABAD	S-NPP	74.23421	30.71530	14:06:00	D	5.30
330	FAZILKA	JALALABAD	S-NPP	74.29365	30.72407	14:06:00	D	6.20
331	FAZILKA	JALALABAD	S-NPP	74.45920	30.72471	14:06:00	D	33.00
332	FAZILKA	JALALABAD	S-NPP	74.29140	30.72494	14:06:00	D	9.30
333	FAZILKA	JALALABAD	S-NPP	74.29720	30.72544	14:06:00	D	9.30
334	FAZILKA	JALALABAD	S-NPP	74.47105	30.72578	14:06:00	D	15.70
335	FAZILKA	JALALABAD	S-NPP	74.29312	30.72879	14:06:00	D	6.20
336	FAZILKA	JALALABAD	S-NPP	74.45669	30.72928	14:06:00	D	19.10
337	FAZILKA	JALALABAD	S-NPP	74.45867	30.72949	14:06:00	D	25.30
338	FAZILKA	JALALABAD	AQUA	74.35700	30.73300	14:15:00	D	25.60
339	FAZILKA	JALALABAD	S-NPP	74.45615	30.73406	14:06:00	D	19.10
340	FAZILKA	JALALABAD	AQUA	74.36200	30.73700	14:15:00	D	31.80
341	FAZILKA	JALALABAD	S-NPP	74.36823	30.74050	14:06:00	D	5.40
342	FAZILKA	JALALABAD	S-NPP	74.37994	30.74158	14:06:00	D	6.40
343	FAZILKA	JALALABAD	S-NPP	74.37782	30.74188	14:06:00	D	7.10
344	FAZILKA	JALALABAD	AQUA	74.45900	30.74600	14:15:00	D	57.60
345	FAZILKA	JALALABAD	S-NPP	74.47182	30.75468	14:06:00	D	6.30
346	FAZILKA	JALALABAD	AQUA	74.47700	30.75600	14:15:00	D	53.70
347	FAZILKA	JALALABAD	S-NPP	74.28181	30.75753	14:06:00	D	4.90
348	FAZILKA	JALALABAD	S-NPP	74.28127	30.76226	14:06:00	D	12.40
349	FAZILKA	JALALABAD	S-NPP	74.28072	30.76698	14:06:00	D	12.40
350	FAZILKA	JALALABAD	S-NPP	74.44645	30.76699	14:06:00	D	3.10
351	FAZILKA	JALALABAD	S-NPP	74.28651	30.76749	14:06:00	D	10.30
352	FAZILKA	JALALABAD	S-NPP	74.40344	30.77772	14:06:00	D	17.40
353	FAZILKA	JALALABAD	S-NPP	74.40291	30.78248	14:06:00	D	7.80
354	FAZILKA	JALALABAD	S-NPP	74.35484	30.78787	14:06:00	D	11.40
355	FIROZPUR	FIROZPUR	S-NPP	74.50495	30.78167	14:06:00	D	2.50
356	FIROZPUR	FIROZPUR	S-NPP	74.92245	30.78537	14:06:00	D	16.40
357	FIROZPUR	FIROZPUR	S-NPP	74.92065	30.78695	14:06:00	D	22.90
358	FIROZPUR	FIROZPUR	S-NPP	74.81890	30.78854	14:06:00	D	14.40
359	FIROZPUR	FIROZPUR	S-NPP	74.82516	30.78905	14:06:00	D	14.40
360	FIROZPUR	FIROZPUR	S-NPP	74.90930	30.78918	14:06:00	D	4.10

361	FIROZPUR	FIROZPUR	AQUA	74.80800	30.79000	14:15:00	D	32.40
362	FIROZPUR	FIROZPUR	S-NPP	74.51532	30.79709	14:06:00	D	7.70
363	FIROZPUR	FIROZPUR	S-NPP	74.89375	30.79963	14:06:00	D	5.00
364	FIROZPUR	FIROZPUR	AQUA	74.52200	30.80000	14:15:00	D	44.80
365	FIROZPUR	FIROZPUR	S-NPP	74.32983	30.80003	14:06:00	D	3.10
366	FIROZPUR	FIROZPUR	S-NPP	74.57442	30.81192	14:06:00	D	8.20
367	FIROZPUR	FIROZPUR	S-NPP	74.87955	30.81331	14:06:00	D	12.70
368	FIROZPUR	FIROZPUR	S-NPP	74.55578	30.81516	14:06:00	D	5.80
369	FIROZPUR	FIROZPUR	S-NPP	74.90530	30.81823	12:30:00	D	4.50
370	FIROZPUR	FIROZPUR	S-NPP	74.58544	30.82261	14:06:00	D	9.40
371	FIROZPUR	FIROZPUR	S-NPP	74.57228	30.83118	14:06:00	D	9.30
372	FIROZPUR	FIROZPUR	S-NPP	74.46326	30.83120	14:06:00	D	11.30
373	FIROZPUR	FIROZPUR	S-NPP	74.93496	30.83280	14:06:00	D	9.80
374	FIROZPUR	FIROZPUR	AQUA	74.74700	30.83300	14:15:00	D	16.80
375	FIROZPUR	FIROZPUR	S-NPP	74.37618	30.83756	14:06:00	D	9.60
376	FIROZPUR	FIROZPUR	S-NPP	74.37884	30.83804	14:06:00	D	9.00
377	FIROZPUR	FIROZPUR	S-NPP	74.54108	30.83814	14:06:00	D	9.00
378	FIROZPUR	FIROZPUR	S-NPP	74.60809	30.83920	14:06:00	D	5.70
379	FIROZPUR	FIROZPUR	AQUA	74.38700	30.84000	14:15:00	D	26.00
380	FIROZPUR	FIROZPUR	S-NPP	74.46220	30.84077	14:06:00	D	4.30
381	FIROZPUR	FIROZPUR	S-NPP	74.53815	30.84139	14:06:00	D	3.50
382	FIROZPUR	FIROZPUR	S-NPP	74.42348	30.84153	14:06:00	D	7.00
383	FIROZPUR	FIROZPUR	AQUA	74.41100	30.84200	14:15:00	D	37.80
384	FIROZPUR	FIROZPUR	AQUA	74.39400	30.84300	14:15:00	D	47.50
385	FIROZPUR	FIROZPUR	S-NPP	74.44725	30.84352	14:06:00	D	10.80
386	FIROZPUR	FIROZPUR	S-NPP	74.45320	30.84402	14:06:00	D	10.80
387	FIROZPUR	FIROZPUR	S-NPP	74.44977	30.84447	14:06:00	D	12.50
388	FIROZPUR	FIROZPUR	S-NPP	74.45916	30.84452	14:06:00	D	22.40
389	FIROZPUR	FIROZPUR	S-NPP	74.45572	30.84501	14:06:00	D	12.70
390	FIROZPUR	FIROZPUR	S-NPP	74.46168	30.84555	14:06:00	D	12.70
391	FIROZPUR	FIROZPUR	S-NPP	74.37136	30.85177	14:06:00	D	11.60
392	FIROZPUR	FIROZPUR	S-NPP	74.37456	30.85183	14:06:00	D	6.30
393	FIROZPUR	FIROZPUR	S-NPP	74.43427	30.85208	14:06:00	D	3.00

394	FIROZPUR	FIROZPUR	S-NPP	74.43091	30.85241	14:06:00	D	4.50
395	FIROZPUR	FIROZPUR	S-NPP	74.59438	30.85260	14:06:00	D	1.90
396	FIROZPUR	FIROZPUR	S-NPP	74.53445	30.85319	12:30:00	D	5.60
397	FIROZPUR	FIROZPUR	S-NPP	74.70280	30.85484	14:06:00	D	14.20
398	FIROZPUR	FIROZPUR	S-NPP	74.59761	30.85601	14:06:00	D	4.80
399	FIROZPUR	FIROZPUR	S-NPP	74.69878	30.85696	14:06:00	D	17.50
400	FIROZPUR	FIROZPUR	S-NPP	74.50682	30.85731	12:30:00	D	5.00
401	FIROZPUR	FIROZPUR	S-NPP	74.70495	30.85750	14:06:00	D	17.50
402	FIROZPUR	FIROZPUR	S-NPP	74.53399	30.85760	12:30:00	D	4.60
403	FIROZPUR	FIROZPUR	S-NPP	74.63418	30.85902	14:06:00	D	8.30
404	FIROZPUR	FIROZPUR	S-NPP	74.70227	30.85970	14:06:00	D	14.20
405	FIROZPUR	FIROZPUR	S-NPP	74.50472	30.85975	12:30:00	D	5.50
406	FIROZPUR	FIROZPUR	S-NPP	74.57514	30.86062	14:06:00	D	5.70
407	FIROZPUR	FIROZPUR	S-NPP	74.63034	30.86068	14:06:00	D	4.60
408	FIROZPUR	FIROZPUR	S-NPP	74.43915	30.86213	14:06:00	D	3.40
409	FIROZPUR	FIROZPUR	S-NPP	74.44509	30.86264	14:06:00	D	11.10
410	FIROZPUR	FIROZPUR	S-NPP	74.46893	30.86466	14:06:00	D	3.90
411	FIROZPUR	FIROZPUR	S-NPP	74.58673	30.86653	14:06:00	D	9.20
412	FIROZPUR	FIROZPUR	S-NPP	74.72646	30.86657	14:06:00	D	5.30
413	FIROZPUR	FIROZPUR	S-NPP	74.59280	30.86707	14:06:00	D	9.20
414	FIROZPUR	FIROZPUR	S-NPP	74.45647	30.86843	14:06:00	D	5.30
415	FIROZPUR	FIROZPUR	S-NPP	74.57172	30.86846	14:06:00	D	7.50
416	FIROZPUR	FIROZPUR	S-NPP	74.56805	30.86971	14:06:00	D	3.90
417	FIROZPUR	FIROZPUR	S-NPP	74.58992	30.86998	14:06:00	D	14.40
418	FIROZPUR	FIROZPUR	S-NPP	74.55303	30.87175	14:06:00	D	11.10
419	FIROZPUR	FIROZPUR	AQUA	74.74200	30.87400	14:15:00	D	23.80
420	FIROZPUR	FIROZPUR	S-NPP	74.90486	30.87493	14:06:00	D	10.00
421	FIROZPUR	FIROZPUR	S-NPP	74.42563	30.87545	14:06:00	D	1.70
422	FIROZPUR	FIROZPUR	S-NPP	74.90247	30.87582	14:06:00	D	12.80
423	FIROZPUR	FIROZPUR	AQUA	74.65800	30.87600	14:15:00	D	27.20
424	FIROZPUR	FIROZPUR	S-NPP	74.52180	30.87882	14:06:00	D	4.50
425	FIROZPUR	FIROZPUR	S-NPP	74.74345	30.88269	14:06:00	D	5.40
426	FIROZPUR	FIROZPUR	AQUA	74.84600	30.88300	14:15:00	D	28.00

427	FIROZPUR	FIROZPUR	S-NPP	74.86972	30.88310	14:06:00	D	4.10
428	FIROZPUR	FIROZPUR	S-NPP	74.87169	30.88691	14:06:00	D	11.30
429	FIROZPUR	FIROZPUR	S-NPP	74.87551	30.88852	14:06:00	D	13.30
430	FIROZPUR	FIROZPUR	AQUA	74.83700	30.89000	14:15:00	D	21.50
431	FIROZPUR	FIROZPUR	AQUA	74.55400	30.89500	14:15:00	D	29.30
432	FIROZPUR	FIROZPUR	S-NPP	74.51365	30.89752	14:06:00	D	3.10
433	FIROZPUR	FIROZPUR	S-NPP	74.84236	30.90066	14:06:00	D	6.50
434	FIROZPUR	FIROZPUR	S-NPP	74.55585	30.90115	14:06:00	D	6.50
435	FIROZPUR	FIROZPUR	S-NPP	74.84866	30.90118	14:06:00	D	11.90
436	FIROZPUR	FIROZPUR	S-NPP	74.45271	30.90192	14:06:00	D	24.60
437	FIROZPUR	FIROZPUR	AQUA	74.47800	30.90200	14:15:00	D	24.20
438	FIROZPUR	FIROZPUR	S-NPP	74.53721	30.90440	14:06:00	D	10.20
439	FIROZPUR	FIROZPUR	S-NPP	74.42836	30.90462	14:06:00	D	8.40
440	FIROZPUR	FIROZPUR	S-NPP	74.48856	30.90504	14:06:00	D	11.10
441	FIROZPUR	FIROZPUR	S-NPP	74.68459	30.90722	14:06:00	D	4.90
442	FIROZPUR	FIROZPUR	AQUA	74.73100	30.90900	14:15:00	D	41.40
443	FIROZPUR	FIROZPUR	S-NPP	74.53667	30.90921	14:06:00	D	6.80
444	FIROZPUR	FIROZPUR	S-NPP	74.49393	30.91087	12:30:00	D	4.00
445	FIROZPUR	FIROZPUR	S-NPP	74.50002	30.91088	14:06:00	D	8.90
446	FIROZPUR	FIROZPUR	S-NPP	74.46357	30.91254	14:06:00	D	6.40
447	FIROZPUR	FIROZPUR	S-NPP	74.43324	30.91470	14:06:00	D	28.70
448	FIROZPUR	FIROZPUR	S-NPP	74.43269	30.91948	14:06:00	D	5.70
449	FIROZPUR	FIROZPUR	S-NPP	74.73919	30.92164	14:06:00	D	22.70
450	FIROZPUR	FIROZPUR	S-NPP	74.51698	30.92206	14:06:00	D	5.40
451	FIROZPUR	FIROZPUR	S-NPP	74.74541	30.92217	14:06:00	D	13.70
452	FIROZPUR	FIROZPUR	AQUA	74.73000	30.92300	14:15:00	D	67.10
453	FIROZPUR	FIROZPUR	S-NPP	74.52904	30.92311	14:06:00	D	8.90
454	FIROZPUR	FIROZPUR	AQUA	74.75500	30.92500	14:15:00	D	36.30
455	FIROZPUR	FIROZPUR	S-NPP	74.73867	30.92652	14:06:00	D	20.00
456	FIROZPUR	FIROZPUR	S-NPP	74.52248	30.92739	14:06:00	D	12.70
457	FIROZPUR	FIROZPUR	AQUA	74.75000	30.93100	14:15:00	D	47.10
458	FIROZPUR	FIROZPUR	AQUA	74.77500	30.93300	14:15:00	D	49.60
459	FIROZPUR	FIROZPUR	S-NPP	74.74380	30.93678	14:06:00	D	11.20

460	FIROZPUR	FIROZPUR	S-NPP	74.75002	30.93732	14:06:00	D	11.20
461	FIROZPUR	FIROZPUR	S-NPP	74.52744	30.93753	14:06:00	D	4.90
462	FIROZPUR	FIROZPUR	S-NPP	74.53349	30.93807	14:06:00	D	14.80
463	FIROZPUR	FIROZPUR	S-NPP	74.76247	30.93838	14:06:00	D	10.10
464	FIROZPUR	FIROZPUR	S-NPP	74.53952	30.93860	14:06:00	D	14.80
465	FIROZPUR	FIROZPUR	AQUA	74.75400	30.93900	14:15:00	D	53.00
466	FIROZPUR	FIROZPUR	S-NPP	74.54558	30.93913	14:06:00	D	11.50
467	FIROZPUR	FIROZPUR	S-NPP	74.55162	30.93966	14:06:00	D	11.50
468	FIROZPUR	FIROZPUR	S-NPP	74.55768	30.94020	14:06:00	D	13.80
469	FIROZPUR	FIROZPUR	S-NPP	74.69318	30.94226	14:06:00	D	3.80
470	FIROZPUR	FIROZPUR	S-NPP	74.75571	30.94272	14:06:00	D	10.10
471	FIROZPUR	FIROZPUR	S-NPP	74.76818	30.94379	14:06:00	D	14.40
472	FIROZPUR	FIROZPUR	S-NPP	74.77442	30.94433	14:06:00	D	14.40
473	FIROZPUR	FIROZPUR	S-NPP	74.79944	30.94646	14:06:00	D	10.20
474	FIROZPUR	FIROZPUR	S-NPP	74.45335	30.95031	14:06:00	D	4.20
475	FIROZPUR	FIROZPUR	S-NPP	74.56821	30.95573	14:06:00	D	5.80
476	FIROZPUR	FIROZPUR	S-NPP	74.58588	30.96217	14:06:00	D	12.10
477	FIROZPUR	FIROZPUR	S-NPP	74.58350	30.96557	14:06:00	D	22.20
478	FIROZPUR	FIROZPUR	S-NPP	74.58536	30.96700	14:06:00	D	12.10
479	FIROZPUR	FIROZPUR	AQUA	74.72000	30.97000	14:15:00	D	19.30
480	FIROZPUR	FIROZPUR	S-NPP	74.64162	30.97026	12:30:00	D	6.30
481	FIROZPUR	FIROZPUR	S-NPP	74.60310	30.97346	14:06:00	D	13.10
482	FIROZPUR	FIROZPUR	S-NPP	74.68163	30.97363	14:06:00	D	6.40
483	FIROZPUR	FIROZPUR	S-NPP	74.60072	30.97674	14:06:00	D	12.70
484	FIROZPUR	FIROZPUR	S-NPP	74.63895	30.97716	12:30:00	D	5.20
485	FIROZPUR	FIROZPUR	S-NPP	74.75827	30.97740	14:06:00	D	5.00
486	FIROZPUR	FIROZPUR	S-NPP	74.73124	30.97767	14:06:00	D	10.10
487	FIROZPUR	FIROZPUR	S-NPP	74.73287	30.98009	14:06:00	D	11.50
488	FIROZPUR	FIROZPUR	S-NPP	74.58745	30.98538	14:06:00	D	5.90
489	FIROZPUR	FIROZPUR	AQUA	74.61500	30.98900	14:15:00	D	27.30
490	FIROZPUR	FIROZPUR	S-NPP	74.81352	30.99212	14:06:00	D	8.70
491	FIROZPUR	FIROZPUR	S-NPP	74.81151	30.99405	14:06:00	D	10.10
492	FIROZPUR	FIROZPUR	S-NPP	74.61080	30.99710	14:06:00	D	6.60

493	FIROZPUR	FIROZPUR	S-NPP	74.61692	30.99761	14:06:00	D	12.30
494	FIROZPUR	FIROZPUR	S-NPP	74.62917	30.99864	14:06:00	D	7.50
495	FIROZPUR	FIROZPUR	S-NPP	74.57973	30.99935	14:06:00	D	16.30
496	FIROZPUR	FIROZPUR	S-NPP	74.61638	31.00245	14:06:00	D	11.20
497	FIROZPUR	FIROZPUR	S-NPP	74.77227	31.00564	14:06:00	D	14.60
498	FIROZPUR	FIROZPUR	S-NPP	74.71560	31.00586	14:06:00	D	3.00
499	FIROZPUR	FIROZPUR	S-NPP	74.77174	31.01052	14:06:00	D	14.60
500	FIROZPUR	FIROZPUR	S-NPP	74.73269	31.02204	14:06:00	D	4.60
501	FIROZPUR	FIROZPUR	S-NPP	74.77013	31.02518	14:06:00	D	3.30
502	FIROZPUR	FIROZPUR	S-NPP	74.77587	31.03059	14:06:00	D	9.80
503	FIROZPUR	FIROZPUR	S-NPP	74.77534	31.03547	14:06:00	D	11.10
504	FIROZPUR	FIROZPUR	AQUA	74.57700	31.03600	14:15:00	D	28.00
505	FIROZPUR	FIROZPUR	S-NPP	74.63109	31.03791	14:06:00	D	2.70
506	FIROZPUR	FIROZPUR	S-NPP	74.63723	31.03844	14:06:00	D	9.70
507	FIROZPUR	FIROZPUR	S-NPP	74.64952	31.03950	14:06:00	D	10.90
508	FIROZPUR	FIROZPUR	S-NPP	74.65569	31.04003	14:06:00	D	10.90
509	FIROZPUR	FIROZPUR	AQUA	74.75400	31.06400	14:15:00	D	32.70
510	FIROZPUR	FIROZPUR	AQUA	74.78000	31.06600	14:15:00	D	38.50
511	FIROZPUR	FIROZPUR	S-NPP	74.79052	31.07131	14:06:00	D	4.30
512	FIROZPUR	FIROZPUR	S-NPP	74.78967	31.07294	14:06:00	D	6.40
513	FIROZPUR	FIROZPUR	S-NPP	74.75091	31.07970	14:06:00	D	17.40
514	FIROZPUR	FIROZPUR	S-NPP	74.76972	31.08122	14:06:00	D	3.80
515	FIROZPUR	FIROZPUR	S-NPP	74.75134	31.08271	14:06:00	D	17.30
516	FIROZPUR	FIROZPUR	S-NPP	74.75037	31.08458	14:06:00	D	17.40
517	FIROZPUR	FIROZPUR	S-NPP	74.80699	31.08915	14:06:00	D	10.30
518	FIROZPUR	FIROZPUR	S-NPP	74.80732	31.09253	14:06:00	D	16.80
519	FIROZPUR	FIROZPUR	S-NPP	74.80646	31.09405	14:06:00	D	6.00
520	FIROZPUR	FIROZPUR	S-NPP	74.76707	31.10566	14:06:00	D	14.10
521	FIROZPUR	FIROZPUR	AQUA	74.77600	31.10700	14:15:00	D	38.70
522	FIROZPUR	ZIRA	AQUA	75.03400	30.87100	14:15:00	D	19.10
523	FIROZPUR	ZIRA	S-NPP	75.01012	30.89434	14:06:00	D	5.20
524	FIROZPUR	ZIRA	AQUA	74.91600	30.89700	14:15:00	D	20.90
525	FIROZPUR	ZIRA	S-NPP	74.92577	30.89754	14:06:00	D	4.40

526	FIROZPUR	ZIRA	S-NPP	75.29684	30.89805	14:06:00	D	8.80
527	FIROZPUR	ZIRA	S-NPP	74.93214	30.89806	14:06:00	D	4.40
528	FIROZPUR	ZIRA	AQUA	74.94300	30.89900	14:15:00	D	17.50
529	FIROZPUR	ZIRA	S-NPP	75.00960	30.89929	14:06:00	D	4.60
530	FIROZPUR	ZIRA	AQUA	74.96900	30.90100	14:15:00	D	34.90
531	FIROZPUR	ZIRA	S-NPP	74.97926	30.90127	14:06:00	D	20.10
532	FIROZPUR	ZIRA	S-NPP	74.97691	30.90166	14:06:00	D	12.30
533	FIROZPUR	ZIRA	S-NPP	74.92766	30.90174	14:06:00	D	7.90
534	FIROZPUR	ZIRA	S-NPP	74.98332	30.90218	14:06:00	D	12.30
535	FIROZPUR	ZIRA	S-NPP	75.04787	30.90734	14:06:00	D	7.60
536	FIROZPUR	ZIRA	S-NPP	75.05011	30.90742	14:06:00	D	5.70
537	FIROZPUR	ZIRA	S-NPP	75.02375	30.91013	14:06:00	D	6.80
538	FIROZPUR	ZIRA	S-NPP	75.02146	30.91023	14:06:00	D	4.00
539	FIROZPUR	ZIRA	S-NPP	74.98870	30.91258	14:06:00	D	9.30
540	FIROZPUR	ZIRA	S-NPP	75.34969	30.91261	14:06:00	D	5.70
541	FIROZPUR	ZIRA	S-NPP	74.92776	30.91597	12:30:00	D	9.70
542	FIROZPUR	ZIRA	S-NPP	75.04682	30.91727	14:06:00	D	11.10
543	FIROZPUR	ZIRA	S-NPP	75.00105	30.91857	14:06:00	D	12.80
544	FIROZPUR	ZIRA	S-NPP	74.88500	30.91902	14:06:00	D	26.00
545	FIROZPUR	ZIRA	S-NPP	74.92493	30.91936	12:30:00	D	11.50
546	FIROZPUR	ZIRA	S-NPP	75.37794	30.92005	14:06:00	D	1.70
547	FIROZPUR	ZIRA	S-NPP	74.86549	30.92236	14:06:00	D	14.30
548	FIROZPUR	ZIRA	S-NPP	75.37914	30.92314	14:06:00	D	4.10
549	FIROZPUR	ZIRA	S-NPP	74.88448	30.92394	14:06:00	D	26.00
550	FIROZPUR	ZIRA	S-NPP	74.90350	30.92551	14:06:00	D	7.80
551	FIROZPUR	ZIRA	S-NPP	74.98070	30.92689	14:06:00	D	4.30
552	FIROZPUR	ZIRA	S-NPP	74.86494	30.92727	14:06:00	D	3.50
553	FIROZPUR	ZIRA	S-NPP	75.31397	30.92998	14:06:00	D	6.80
554	FIROZPUR	ZIRA	S-NPP	74.84547	30.93059	14:06:00	D	8.40
555	FIROZPUR	ZIRA	S-NPP	74.98660	30.93236	14:06:00	D	9.40
556	FIROZPUR	ZIRA	S-NPP	74.87075	30.93271	14:06:00	D	5.40
557	FIROZPUR	ZIRA	S-NPP	75.03723	30.93733	12:30:00	D	7.20
558	FIROZPUR	ZIRA	S-NPP	74.99895	30.93837	14:06:00	D	13.40



559	FIROZPUR	ZIRA	S-NPP	75.03778	30.94017	12:30:00	D	12.30
560	FIROZPUR	ZIRA	S-NPP	74.84441	30.94040	14:06:00	D	21.40
561	FIROZPUR	ZIRA	S-NPP	74.99843	30.94332	14:06:00	D	13.40
562	FIROZPUR	ZIRA	S-NPP	74.94778	30.94885	12:30:00	D	6.20
563	FIROZPUR	ZIRA	S-NPP	75.26257	30.94964	14:06:00	D	8.00
564	FIROZPUR	ZIRA	S-NPP	75.24867	30.95360	14:06:00	D	8.20
565	FIROZPUR	ZIRA	S-NPP	75.27544	30.95575	14:06:00	D	17.30
566	FIROZPUR	ZIRA	S-NPP	75.28214	30.95628	14:06:00	D	17.30
567	FIROZPUR	ZIRA	S-NPP	75.24815	30.95863	14:06:00	D	8.70
568	FIROZPUR	ZIRA	AQUA	74.93100	30.95900	14:15:00	D	17.90
569	FIROZPUR	ZIRA	AQUA	75.17700	30.96400	14:15:00	D	21.70
570	FIROZPUR	ZIRA	S-NPP	75.19257	30.96802	12:30:00	D	6.90
571	FIROZPUR	ZIRA	S-NPP	75.19369	30.97007	12:30:00	D	5.90
572	FIROZPUR	ZIRA	S-NPP	75.36041	30.97270	14:06:00	D	11.50
573	FIROZPUR	ZIRA	S-NPP	75.36381	30.97297	14:06:00	D	11.50
574	FIROZPUR	ZIRA	AQUA	75.35000	30.97300	14:15:00	D	119.00
575	FIROZPUR	ZIRA	AQUA	75.18100	30.97400	14:15:00	D	20.60
576	FIROZPUR	ZIRA	S-NPP	74.88370	30.97510	14:06:00	D	7.20
577	FIROZPUR	ZIRA	S-NPP	74.90463	30.97526	14:06:00	D	13.40
578	FIROZPUR	ZIRA	AQUA	75.34500	30.97600	14:15:00	D	47.50
579	FIROZPUR	ZIRA	S-NPP	74.90280	30.97660	14:06:00	D	16.80
580	FIROZPUR	ZIRA	AQUA	75.25900	30.98400	14:15:00	D	22.90
581	FIROZPUR	ZIRA	S-NPP	75.00106	30.98713	12:30:00	D	6.90
582	FIROZPUR	ZIRA	AQUA	75.01400	30.98800	14:15:00	D	40.60
583	FIROZPUR	ZIRA	S-NPP	74.99751	30.99205	12:30:00	D	5.20
584	FIROZPUR	ZIRA	AQUA	75.00900	30.99300	14:15:00	D	34.10
585	FIROZPUR	ZIRA	AQUA	74.90000	30.99900	14:15:00	D	36.40
586	FIROZPUR	ZIRA	S-NPP	75.29095	31.00271	14:06:00	D	6.20
587	FIROZPUR	ZIRA	S-NPP	74.90789	31.00535	14:06:00	D	14.50
588	FIROZPUR	ZIRA	S-NPP	74.90600	31.00666	14:06:00	D	16.90
589	FIROZPUR	ZIRA	S-NPP	74.92464	31.01314	14:06:00	D	10.60
590	FIROZPUR	ZIRA	S-NPP	75.28816	31.01665	14:06:00	D	10.40
591	FIROZPUR	ZIRA	S-NPP	75.28269	31.01727	14:06:00	D	25.90

592	FIROZPUR	ZIRA	S-NPP	74.86626	31.01831	14:06:00	D	23.30
593	FIROZPUR	ZIRA	S-NPP	75.28764	31.02169	14:06:00	D	10.40
594	FIROZPUR	ZIRA	S-NPP	74.85938	31.02270	14:06:00	D	15.00
595	FIROZPUR	ZIRA	S-NPP	74.86573	31.02322	14:06:00	D	44.10
596	FIROZPUR	ZIRA	S-NPP	74.82094	31.02447	14:06:00	D	6.40
597	FIROZPUR	ZIRA	AQUA	75.11400	31.03000	14:15:00	D	17.90
598	FIROZPUR	ZIRA	S-NPP	75.10165	31.03144	12:30:00	D	3.50
599	FIROZPUR	ZIRA	S-NPP	75.10500	31.03767	14:06:00	D	71.50
600	FIROZPUR	ZIRA	S-NPP	74.82936	31.06475	14:06:00	D	27.00
601	FIROZPUR	ZIRA	S-NPP	75.01951	31.06650	12:30:00	D	7.20
602	FIROZPUR	ZIRA	S-NPP	75.02952	31.06665	14:06:00	D	7.90
603	FIROZPUR	ZIRA	S-NPP	74.82883	31.06966	14:06:00	D	14.50
604	FIROZPUR	ZIRA	AQUA	75.02000	31.07100	14:15:00	D	23.40
605	FIROZPUR	ZIRA	S-NPP	74.84783	31.07128	14:06:00	D	25.30
606	FIROZPUR	ZIRA	S-NPP	74.87318	31.07345	14:06:00	D	9.50
607	FIROZPUR	ZIRA	S-NPP	74.85312	31.08165	14:06:00	D	38.80
608	FIROZPUR	ZIRA	S-NPP	75.03447	31.08209	14:06:00	D	5.80
609	FIROZPUR	ZIRA	S-NPP	74.85236	31.08287	14:06:00	D	40.30
610	FIROZPUR	ZIRA	S-NPP	74.85872	31.08337	14:06:00	D	40.30
611	FIROZPUR	ZIRA	S-NPP	74.85893	31.08711	14:06:00	D	109.80
612	FIROZPUR	ZIRA	S-NPP	74.85182	31.08779	14:06:00	D	51.80
613	FIROZPUR	ZIRA	S-NPP	74.85818	31.08829	14:06:00	D	51.80
614	FIROZPUR	ZIRA	S-NPP	74.89002	31.09082	14:06:00	D	8.10
615	FIROZPUR	ZIRA	S-NPP	74.89021	31.09477	14:06:00	D	4.00
616	FIROZPUR	ZIRA	S-NPP	75.07220	31.09511	14:06:00	D	12.50
617	FIROZPUR	ZIRA	S-NPP	75.07259	31.09532	14:06:00	D	13.50
618	FIROZPUR	ZIRA	S-NPP	75.07115	31.10507	14:06:00	D	12.20
619	FIROZPUR	ZIRA	S-NPP	75.07155	31.10528	14:06:00	D	10.50
620	FIROZPUR	ZIRA	S-NPP	74.96661	31.10634	14:06:00	D	5.50
621	FIROZPUR	ZIRA	S-NPP	74.96601	31.10681	14:06:00	D	26.60
622	FIROZPUR	ZIRA	AQUA	74.96200	31.10900	14:15:00	D	53.20
623	FIROZPUR	ZIRA	S-NPP	74.83014	31.11081	14:06:00	D	10.90
624	FIROZPUR	ZIRA	S-NPP	74.96609	31.11129	14:06:00	D	8.40

625	FIROZPUR	ZIRA	S-NPP	75.09032	31.11159	14:06:00	D	3.60
626	FIROZPUR	ZIRA	S-NPP	74.84282	31.11184	14:06:00	D	10.70
627	FIROZPUR	ZIRA	S-NPP	75.05045	31.11349	14:06:00	D	4.80
628	FIROZPUR	ZIRA	S-NPP	75.05091	31.11356	14:06:00	D	9.30
629	FIROZPUR	ZIRA	S-NPP	74.90656	31.11700	14:06:00	D	9.40
630	FIROZPUR	ZIRA	AQUA	75.07000	31.11700	14:15:00	D	39.30
631	FIROZPUR	ZIRA	S-NPP	74.91938	31.11803	14:06:00	D	14.60
632	FIROZPUR	ZIRA	S-NPP	74.86772	31.11882	14:06:00	D	10.40
633	FIROZPUR	ZIRA	S-NPP	75.03531	31.13234	14:06:00	D	11.60
634	FIROZPUR	ZIRA	S-NPP	74.94352	31.13494	14:06:00	D	4.30
635	GURDASPUR	BATALA	S-NPP	75.31188	31.64856	14:06:00	D	3.50
636	GURDASPUR	BATALA	S-NPP	75.30892	31.65169	14:06:00	D	1.80
637	GURDASPUR	BATALA	S-NPP	75.42332	31.66529	14:06:00	D	3.90
638	GURDASPUR	BATALA	S-NPP	75.41864	31.66744	14:06:00	D	1.10
639	GURDASPUR	BATALA	S-NPP	75.42565	31.66801	14:06:00	D	3.60
640	GURDASPUR	BATALA	S-NPP	75.37228	31.68209	14:06:00	D	2.50
641	GURDASPUR	BATALA	S-NPP	75.47708	31.76759	14:06:00	D	3.20
642	GURDASPUR	BATALA	S-NPP	75.47523	31.76917	14:06:00	D	3.00
643	GURDASPUR	BATALA	S-NPP	75.32255	31.80932	14:06:00	D	2.10
644	GURDASPUR	BATALA	S-NPP	75.32203	31.81442	14:06:00	D	2.10
645	GURDASPUR	BATALA	S-NPP	75.02132	31.87147	14:06:00	D	5.00
646	GURDASPUR	BATALA	S-NPP	75.00494	31.94532	14:06:00	D	2.60
647	GURDASPUR	BATALA	S-NPP	75.00691	31.94604	14:06:00	D	4.50
648	GURDASPUR	DERA BABA NANAK	S-NPP	74.90342	31.91240	14:06:00	D	8.20
649	GURDASPUR	DERA BABA NANAK	S-NPP	75.02232	31.92710	14:06:00	D	4.80
650	GURDASPUR	DERA BABA NANAK	S-NPP	74.90845	31.92787	14:06:00	D	4.40
651	GURDASPUR	DERA BABA NANAK	S-NPP	74.91295	31.92829	14:06:00	D	6.90
652	GURDASPUR	DERA BABA NANAK	S-NPP	74.94450	31.94576	14:06:00	D	6.90
653	GURDASPUR	DERA BABA NANAK	S-NPP	74.94656	31.94609	14:06:00	D	8.20
654	GURDASPUR	DERA BABA NANAK	S-NPP	74.95778	31.94677	14:06:00	D	3.50
655	GURDASPUR	DERA BABA NANAK	S-NPP	74.99724	31.95482	14:06:00	D	9.30
656	GURDASPUR	DERA BABA NANAK	S-NPP	74.99924	31.95551	14:06:00	D	6.60
657	GURDASPUR	DERA BABA NANAK	AQUA	75.00400	31.95700	14:15:00	D	16.60

658	GURDASPUR	DERA BABA NANAK	S-NPP	75.00958	31.96586	14:06:00	D	15.90
659	GURDASPUR	DERA BABA NANAK	S-NPP	75.01157	31.96663	14:06:00	D	14.60
660	GURDASPUR	DERA BABA NANAK	S-NPP	75.09287	31.96832	14:06:00	D	4.20
661	GURDASPUR	DERA BABA NANAK	S-NPP	74.97200	32.00328	14:06:00	D	6.00
662	GURDASPUR	GURDASPUR	S-NPP	75.52238	31.84011	14:06:00	D	2.50
663	GURDASPUR	GURDASPUR	S-NPP	75.38237	31.84483	14:06:00	D	4.30
664	GURDASPUR	GURDASPUR	S-NPP	75.39240	31.85077	14:06:00	D	3.40
665	GURDASPUR	GURDASPUR	S-NPP	75.42858	31.87143	14:06:00	D	3.40
666	GURDASPUR	GURDASPUR	S-NPP	75.47600	31.87286	14:06:00	D	7.90
667	GURDASPUR	GURDASPUR	S-NPP	75.38925	31.87372	14:06:00	D	4.20
668	GURDASPUR	GURDASPUR	S-NPP	75.42912	31.87433	14:06:00	D	2.80
669	GURDASPUR	GURDASPUR	S-NPP	75.47502	31.87479	14:06:00	D	7.40
670	GURDASPUR	GURDASPUR	S-NPP	75.38986	31.87637	14:06:00	D	2.20
671	GURDASPUR	GURDASPUR	S-NPP	75.47904	31.87828	14:06:00	D	6.50
672	GURDASPUR	GURDASPUR	S-NPP	75.47807	31.88020	14:06:00	D	6.70
673	GURDASPUR	GURDASPUR	S-NPP	75.30024	31.88256	14:06:00	D	1.70
674	GURDASPUR	GURDASPUR	S-NPP	75.52408	31.88872	14:06:00	D	3.00
675	GURDASPUR	GURDASPUR	S-NPP	75.55652	31.89107	14:06:00	D	2.50
676	GURDASPUR	GURDASPUR	S-NPP	75.18773	31.89448	14:06:00	D	1.60
677	GURDASPUR	GURDASPUR	S-NPP	75.51228	31.89826	14:06:00	D	11.00
678	GURDASPUR	GURDASPUR	S-NPP	75.25950	31.90511	14:06:00	D	2.00
679	GURDASPUR	GURDASPUR	S-NPP	75.26296	31.90537	14:06:00	D	3.20
680	GURDASPUR	GURDASPUR	S-NPP	75.34701	31.90664	14:06:00	D	2.50
681	GURDASPUR	GURDASPUR	S-NPP	75.35052	31.90691	14:06:00	D	2.50
682	GURDASPUR	GURDASPUR	S-NPP	75.50410	31.90804	14:06:00	D	2.00
683	GURDASPUR	GURDASPUR	S-NPP	75.27526	31.92169	14:06:00	D	5.00
684	GURDASPUR	GURDASPUR	S-NPP	75.39064	31.93058	14:06:00	D	3.20
685	GURDASPUR	GURDASPUR	S-NPP	75.40322	31.94704	14:06:00	D	1.80
686	GURDASPUR	GURDASPUR	S-NPP	75.31594	31.97110	14:06:00	D	2.00
687	GURDASPUR	GURDASPUR	S-NPP	75.28496	31.98158	14:06:00	D	2.50
688	GURDASPUR	GURDASPUR	S-NPP	75.28845	31.98183	14:06:00	D	2.30
689	GURDASPUR	GURDASPUR	S-NPP	75.28242	32.00705	14:06:00	D	1.00
690	GURDASPUR	GURDASPUR	S-NPP	75.36951	32.01878	14:06:00	D	3.00

691	GURDASPUR	GURDASPUR	S-NPP	75.31530	32.03011	14:06:00	D	4.60
692	GURDASPUR	GURDASPUR	S-NPP	75.32180	32.03576	14:06:00	D	9.00
693	GURDASPUR	GURDASPUR	S-NPP	75.15235	32.03788	14:06:00	D	5.30
694	GURDASPUR	GURDASPUR	S-NPP	75.34337	32.06834	14:06:00	D	1.50
695	GURDASPUR	GURDASPUR	S-NPP	75.24459	32.07921	14:06:00	D	3.20
696	HOSHIARPUR	DASUYA	S-NPP	75.68674	31.61019	14:06:00	D	3.00
697	HOSHIARPUR	DASUYA	S-NPP	75.59937	31.62822	12:30:00	D	6.20
698	HOSHIARPUR	DASUYA	S-NPP	75.60138	31.62991	14:06:00	D	1.60
699	HOSHIARPUR	DASUYA	S-NPP	75.51361	31.64395	14:06:00	D	3.30
700	HOSHIARPUR	DASUYA	S-NPP	75.57889	31.67504	14:06:00	D	2.70
701	HOSHIARPUR	DASUYA	S-NPP	75.61019	31.68793	14:06:00	D	0.90
702	HOSHIARPUR	DASUYA	S-NPP	75.61118	31.68942	14:06:00	D	1.60
703	HOSHIARPUR	DASUYA	S-NPP	75.57114	31.69170	14:06:00	D	1.90
704	HOSHIARPUR	DASUYA	S-NPP	75.61129	31.72594	14:06:00	D	3.50
705	HOSHIARPUR	DASUYA	S-NPP	75.57476	31.72841	14:06:00	D	1.40
706	HOSHIARPUR	DASUYA	AQUA	75.60500	31.72900	14:15:00	D	20.30
707	HOSHIARPUR	DASUYA	S-NPP	75.61078	31.73112	14:06:00	D	3.50
708	HOSHIARPUR	DASUYA	S-NPP	75.61439	31.73139	14:06:00	D	3.50
709	HOSHIARPUR	DASUYA	S-NPP	75.61799	31.73166	14:06:00	D	9.00
710	HOSHIARPUR	GARHSHANKAR	S-NPP	76.04665	31.25133	12:30:00	D	3.20
711	HOSHIARPUR	GARHSHANKAR	S-NPP	75.93088	31.26963	14:06:00	D	4.40
712	HOSHIARPUR	HOSHIARPUR	S-NPP	75.79090	31.36973	14:06:00	D	2.00
713	HOSHIARPUR	MUKERIAN	S-NPP	75.57041	31.93378	14:06:00	D	2.20
714	JALANDHAR	JALANDHAR I	S-NPP	75.54018	31.21308	14:06:00	D	2.80
715	JALANDHAR	JALANDHAR I	S-NPP	75.63505	31.22570	14:06:00	D	4.10
716	JALANDHAR	JALANDHAR I	S-NPP	75.55316	31.26068	14:06:00	D	4.20
717	JALANDHAR	JALANDHAR I	S-NPP	75.55202	31.26284	14:06:00	D	4.40
718	JALANDHAR	JALANDHAR II	S-NPP	75.62826	31.41553	14:06:00	D	3.40
719	JALANDHAR	JALANDHAR II	S-NPP	75.63184	31.41580	14:06:00	D	3.40
720	JALANDHAR	JALANDHAR II	S-NPP	75.45309	31.42268	14:06:00	D	1.50
721	JALANDHAR	JALANDHAR II	S-NPP	75.49910	31.45731	14:06:00	D	4.10
722	JALANDHAR	JALANDHAR II	S-NPP	75.70026	31.45760	14:06:00	D	2.60
723	JALANDHAR	JALANDHAR II	S-NPP	75.49796	31.45975	14:06:00	D	3.90

724	JALANDHAR	JALANDHAR II	S-NPP	75.47336	31.49407	14:06:00	D	2.80
725	JALANDHAR	JALANDHAR II	S-NPP	75.53983	31.50429	14:06:00	D	2.60
726	JALANDHAR	JALANDHAR II	S-NPP	75.62232	31.60021	14:06:00	D	2.30
727	JALANDHAR	NAKODAR	S-NPP	75.54258	30.98710	14:06:00	D	3.70
728	JALANDHAR	NAKODAR	S-NPP	75.46191	30.99102	14:06:00	D	4.10
729	JALANDHAR	NAKODAR	S-NPP	75.50683	30.99459	14:06:00	D	2.10
730	JALANDHAR	NAKODAR	S-NPP	75.47467	31.00232	14:06:00	D	6.60
731	JALANDHAR	NAKODAR	S-NPP	75.47813	31.00259	14:06:00	D	6.60
732	JALANDHAR	NAKODAR	S-NPP	75.42946	31.00381	14:06:00	D	2.80
733	JALANDHAR	NAKODAR	AQUA	75.48900	31.02800	14:15:00	D	25.90
734	JALANDHAR	NAKODAR	AQUA	75.48400	31.02900	14:15:00	D	25.90
735	JALANDHAR	NAKODAR	S-NPP	75.40718	31.04106	14:06:00	D	2.40
736	JALANDHAR	NAKODAR	S-NPP	75.50025	31.04816	14:06:00	D	3.70
737	JALANDHAR	NAKODAR	S-NPP	75.51063	31.04894	14:06:00	D	4.70
738	JALANDHAR	NAKODAR	S-NPP	75.51009	31.05405	14:06:00	D	4.30
739	JALANDHAR	NAKODAR	S-NPP	75.38419	31.13137	14:06:00	D	3.00
740	JALANDHAR	NAKODAR	S-NPP	75.39449	31.16570	14:06:00	D	4.50
741	JALANDHAR	NAKODAR	S-NPP	75.39794	31.16597	14:06:00	D	4.50
742	JALANDHAR	NAKODAR	S-NPP	75.59342	31.17578	14:06:00	D	1.40
743	JALANDHAR	NAKODAR	S-NPP	75.40375	31.17667	14:06:00	D	5.60
744	JALANDHAR	NAKODAR	S-NPP	75.48625	31.18823	14:06:00	D	4.60
745	JALANDHAR	PHILLAUR	S-NPP	75.64145	31.00858	12:30:00	D	5.00
746	JALANDHAR	PHILLAUR	S-NPP	75.92078	31.02674	14:06:00	D	3.90
747	JALANDHAR	PHILLAUR	S-NPP	75.73781	31.02835	14:06:00	D	2.90
748	JALANDHAR	PHILLAUR	S-NPP	75.83155	31.03567	14:06:00	D	6.50
749	JALANDHAR	PHILLAUR	S-NPP	75.57230	31.04112	14:06:00	D	2.20
750	JALANDHAR	PHILLAUR	S-NPP	75.64670	31.04194	14:06:00	D	4.20
751	JALANDHAR	PHILLAUR	S-NPP	75.57098	31.04317	14:06:00	D	2.50
752	JALANDHAR	PHILLAUR	S-NPP	75.54900	31.05184	14:06:00	D	3.70
753	JALANDHAR	PHILLAUR	S-NPP	75.61569	31.05686	14:06:00	D	1.80
754	JALANDHAR	PHILLAUR	S-NPP	75.75981	31.06144	14:06:00	D	1.90
755	JALANDHAR	PHILLAUR	S-NPP	75.75878	31.06228	14:06:00	D	1.80
756	JALANDHAR	PHILLAUR	S-NPP	75.75364	31.07758	14:06:00	D	3.20

757	JALANDHAR	PHILLAUR	S-NPP	75.90185	31.09907	14:06:00	D	8.30
758	JALANDHAR	PHILLAUR	S-NPP	75.75896	31.13550	14:06:00	D	3.90
759	JALANDHAR	PHILLAUR	S-NPP	75.75846	31.14070	14:06:00	D	3.90
760	JALANDHAR	PHILLAUR	S-NPP	75.79358	31.19601	14:06:00	D	1.30
761	JALANDHAR	SHAHKOT	S-NPP	75.31432	31.04028	14:06:00	D	5.10
762	JALANDHAR	SHAHKOT	S-NPP	75.25094	31.04929	14:06:00	D	4.50
763	JALANDHAR	SHAHKOT	AQUA	75.22400	31.05200	14:15:00	D	33.00
764	JALANDHAR	SHAHKOT	S-NPP	75.35732	31.05765	14:06:00	D	11.00
765	JALANDHAR	SHAHKOT	S-NPP	75.23651	31.05829	14:06:00	D	8.70
766	JALANDHAR	SHAHKOT	S-NPP	75.26073	31.08560	14:06:00	D	7.10
767	JALANDHAR	SHAHKOT	S-NPP	75.33803	31.11225	14:06:00	D	4.40
768	JALANDHAR	SHAHKOT	S-NPP	75.34142	31.11253	14:06:00	D	4.40
769	JALANDHAR	SHAHKOT	S-NPP	75.24415	31.11336	14:06:00	D	5.80
770	JALANDHAR	SHAHKOT	S-NPP	75.21683	31.11634	14:06:00	D	11.80
771	JALANDHAR	SHAHKOT	S-NPP	75.21701	31.11751	14:06:00	D	17.00
772	JALANDHAR	SHAHKOT	S-NPP	75.24879	31.13402	14:06:00	D	12.60
773	JALANDHAR	SHAHKOT	S-NPP	75.25552	31.13454	14:06:00	D	15.70
774	JALANDHAR	SHAHKOT	S-NPP	75.24895	31.13541	14:06:00	D	14.80
775	JALANDHAR	SHAHKOT	S-NPP	75.25566	31.13597	14:06:00	D	14.80
776	JALANDHAR	SHAHKOT	S-NPP	75.09982	31.14755	14:06:00	D	8.60
777	JALANDHAR	SHAHKOT	S-NPP	75.21988	31.15205	14:06:00	D	5.80
778	JALANDHAR	SHAHKOT	S-NPP	75.33003	31.15559	14:06:00	D	1.20
779	JALANDHAR	SHAHKOT	S-NPP	75.33632	31.16118	14:06:00	D	2.80
780	JALANDHAR	SHAHKOT	S-NPP	75.38052	31.20045	14:06:00	D	1.80
781	JALANDHAR	SHAHKOT	S-NPP	75.33223	31.20169	14:06:00	D	2.80
782	KAPURTHALA	BHOLATH	S-NPP	75.44780	31.50243	14:06:00	D	4.00
783	KAPURTHALA	BHOLATH	S-NPP	75.44926	31.52317	14:06:00	D	2.90
784	KAPURTHALA	BHOLATH	S-NPP	75.46680	31.52454	14:06:00	D	1.90
785	KAPURTHALA	BHOLATH	S-NPP	75.42326	31.53658	14:06:00	D	6.20
786	KAPURTHALA	BHOLATH	S-NPP	75.57517	31.56553	14:06:00	D	3.60
787	KAPURTHALA	BHOLATH	S-NPP	75.57296	31.56916	14:06:00	D	2.80
788	KAPURTHALA	BHOLATH	S-NPP	75.49043	31.57293	14:06:00	D	7.30
789	KAPURTHALA	BHOLATH	S-NPP	75.48841	31.57471	14:06:00	D	7.70

790	KAPURTHALA	BHOLATH	S-NPP	75.45108	31.59259	14:06:00	D	1.90
791	KAPURTHALA	BHOLATH	S-NPP	75.48634	31.59525	14:06:00	D	3.10
792	KAPURTHALA	BHOLATH	S-NPP	75.48987	31.59552	14:06:00	D	3.10
793	KAPURTHALA	BHOLATH	S-NPP	75.48229	31.60012	14:06:00	D	2.50
794	KAPURTHALA	BHOLATH	S-NPP	75.42549	31.60096	14:06:00	D	2.10
795	KAPURTHALA	BHOLATH	S-NPP	75.51363	31.60767	14:06:00	D	3.70
796	KAPURTHALA	BHOLATH	S-NPP	75.48982	31.63174	14:06:00	D	1.90
797	KAPURTHALA	KAPURTHALA	S-NPP	75.43550	31.24079	14:06:00	D	3.90
798	KAPURTHALA	KAPURTHALA	S-NPP	75.43896	31.24107	14:06:00	D	3.90
799	KAPURTHALA	KAPURTHALA	S-NPP	75.43765	31.24397	14:06:00	D	8.20
800	KAPURTHALA	KAPURTHALA	S-NPP	75.31570	31.28580	14:06:00	D	2.10
801	KAPURTHALA	KAPURTHALA	S-NPP	75.32200	31.29141	14:06:00	D	3.20
802	KAPURTHALA	KAPURTHALA	S-NPP	75.25142	31.29597	14:06:00	D	8.90
803	KAPURTHALA	KAPURTHALA	S-NPP	75.26392	31.30715	14:06:00	D	7.90
804	KAPURTHALA	KAPURTHALA	S-NPP	75.28645	31.35487	14:06:00	D	10.20
805	KAPURTHALA	KAPURTHALA	S-NPP	75.28590	31.35839	14:06:00	D	6.70
806	KAPURTHALA	KAPURTHALA	S-NPP	75.34937	31.37862	14:06:00	D	5.70
807	KAPURTHALA	KAPURTHALA	S-NPP	75.19305	31.38164	14:06:00	D	6.50
808	KAPURTHALA	KAPURTHALA	S-NPP	75.22001	31.38378	14:06:00	D	3.40
809	KAPURTHALA	KAPURTHALA	S-NPP	75.20496	31.39781	14:06:00	D	16.90
810	KAPURTHALA	KAPURTHALA	S-NPP	75.30566	31.40076	14:06:00	D	3.60
811	KAPURTHALA	KAPURTHALA	S-NPP	75.34336	31.40375	14:06:00	D	4.10
812	KAPURTHALA	KAPURTHALA	S-NPP	75.30993	31.42665	14:06:00	D	1.90
813	KAPURTHALA	KAPURTHALA	S-NPP	75.24094	31.43543	14:06:00	D	4.70
814	KAPURTHALA	KAPURTHALA	S-NPP	75.24197	31.43641	14:06:00	D	7.10
815	KAPURTHALA	KAPURTHALA	S-NPP	75.36945	31.44507	14:06:00	D	4.20
816	KAPURTHALA	KAPURTHALA	S-NPP	75.37029	31.44691	14:06:00	D	4.00
817	KAPURTHALA	KAPURTHALA	S-NPP	75.27902	31.44850	14:06:00	D	3.00
818	KAPURTHALA	KAPURTHALA	S-NPP	75.29955	31.45006	14:06:00	D	3.90
819	KAPURTHALA	KAPURTHALA	S-NPP	75.30053	31.45144	14:06:00	D	3.40
820	KAPURTHALA	KAPURTHALA	S-NPP	75.40736	31.46020	14:06:00	D	2.40
821	KAPURTHALA	KAPURTHALA	S-NPP	75.27064	31.46316	14:06:00	D	8.50
822	KAPURTHALA	KAPURTHALA	S-NPP	75.40604	31.46321	14:06:00	D	3.30



823	KAPURTHALA	KAPURTHALA	S-NPP	75.38123	31.46648	14:06:00	D	2.00
824	KAPURTHALA	KAPURTHALA	S-NPP	75.41444	31.48442	14:06:00	D	3.80
825	KAPURTHALA	KAPURTHALA	S-NPP	75.38611	31.48739	14:06:00	D	9.30
826	KAPURTHALA	KAPURTHALA	S-NPP	75.39651	31.48819	14:06:00	D	3.60
827	KAPURTHALA	KAPURTHALA	S-NPP	75.39088	31.54430	14:06:00	D	3.30
828	KAPURTHALA	KAPURTHALA	S-NPP	75.40082	31.55024	14:06:00	D	3.40
829	KAPURTHALA	PHAGWARA	S-NPP	75.75063	31.18758	14:06:00	D	2.90
830	KAPURTHALA	PHAGWARA	S-NPP	75.80175	31.33378	14:06:00	D	4.40
831	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.15729	31.17235	14:06:00	D	6.20
832	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.05521	31.19418	14:06:00	D	13.00
833	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.06176	31.19473	14:06:00	D	18.10
834	KAPURTHALA	SULTANPUR LODHI	AQUA	75.11300	31.19600	14:15:00	D	18.70
835	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.05470	31.19916	14:06:00	D	13.00
836	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.12104	31.19966	14:06:00	D	5.30
837	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.06124	31.19971	14:06:00	D	18.10
838	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.05984	31.20001	14:06:00	D	12.00
839	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.08093	31.20136	14:06:00	D	11.50
840	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.07957	31.20153	14:06:00	D	9.40
841	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.33055	31.24100	14:06:00	D	4.60
842	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.33157	31.24250	14:06:00	D	4.00
843	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.09365	31.24289	12:30:00	D	6.00
844	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.09835	31.24494	12:30:00	D	6.00
845	KAPURTHALA	SULTANPUR LODHI	AQUA	75.21100	31.25200	14:15:00	D	22.50
846	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.20117	31.25642	14:06:00	D	5.80
847	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.15948	31.26831	14:06:00	D	16.70
848	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.17231	31.27440	14:06:00	D	13.60
849	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.13181	31.27619	14:06:00	D	7.40
850	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.25920	31.28642	14:06:00	D	15.60
851	KAPURTHALA	SULTANPUR LODHI	TERRA	75.25000	31.30500	11:05:00	D	5.50
852	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.11243	31.31463	14:06:00	D	4.40
853	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.21069	31.34242	14:06:00	D	3.50
854	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.23277	31.34529	14:06:00	D	3.50
855	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.17392	31.36997	14:06:00	D	7.40

856	LUDHIANA	JAGRAON	S-NPP	75.43591	30.63192	14:06:00	D	2.90
857	LUDHIANA	JAGRAON	S-NPP	75.38760	30.65637	12:30:00	D	4.00
858	LUDHIANA	JAGRAON	S-NPP	75.53849	30.70675	14:06:00	D	3.10
859	LUDHIANA	JAGRAON	S-NPP	75.42478	30.70763	14:06:00	D	3.60
860	LUDHIANA	JAGRAON	AQUA	75.42600	30.70800	14:15:00	D	22.20
861	LUDHIANA	JAGRAON	S-NPP	75.42432	30.71081	14:06:00	D	3.20
862	LUDHIANA	JAGRAON	S-NPP	75.53799	30.71185	14:06:00	D	3.10
863	LUDHIANA	JAGRAON	AQUA	75.51100	30.71400	14:15:00	D	19.30
864	LUDHIANA	JAGRAON	S-NPP	75.51634	30.72035	14:06:00	D	3.00
865	LUDHIANA	JAGRAON	S-NPP	75.51978	30.72063	14:06:00	D	4.50
866	LUDHIANA	JAGRAON	S-NPP	75.51949	30.72321	14:06:00	D	5.40
867	LUDHIANA	JAGRAON	S-NPP	75.49820	30.72910	14:06:00	D	1.50
868	LUDHIANA	JAGRAON	S-NPP	75.52517	30.76989	14:06:00	D	2.50
869	LUDHIANA	JAGRAON	S-NPP	75.40115	30.77024	14:06:00	D	7.40
870	LUDHIANA	JAGRAON	S-NPP	75.43118	30.77777	14:06:00	D	7.10
871	LUDHIANA	JAGRAON	S-NPP	75.56961	30.77855	14:06:00	D	5.60
872	LUDHIANA	JAGRAON	S-NPP	75.52312	30.79029	14:06:00	D	2.40
873	LUDHIANA	JAGRAON	AQUA	75.55400	30.79500	14:15:00	D	25.70
874	LUDHIANA	JAGRAON	S-NPP	75.59335	30.82173	14:06:00	D	12.00
875	LUDHIANA	JAGRAON	S-NPP	75.53848	30.83543	14:06:00	D	1.40
876	LUDHIANA	JAGRAON	S-NPP	75.41557	30.93615	14:06:00	D	1.60
877	LUDHIANA	JAGRAON	AQUA	75.38100	30.94700	14:15:00	D	36.70
878	LUDHIANA	JAGRAON	S-NPP	75.39358	30.94979	14:06:00	D	7.00
879	LUDHIANA	JAGRAON	S-NPP	75.39698	30.95006	14:06:00	D	12.50
880	LUDHIANA	JAGRAON	S-NPP	75.37502	30.96366	14:06:00	D	5.10
881	LUDHIANA	JAGRAON	S-NPP	75.37842	30.96392	14:06:00	D	5.10
882	LUDHIANA	JAGRAON	S-NPP	75.45605	30.98029	14:06:00	D	4.10
883	LUDHIANA	KHANNA	S-NPP	76.15884	30.65999	14:06:00	D	2.20
884	LUDHIANA	KHANNA	S-NPP	76.10341	30.68790	14:06:00	D	2.90
885	LUDHIANA	KHANNA	S-NPP	76.26521	30.70508	14:06:00	D	2.10
886	LUDHIANA	LUDHIANA EAST	S-NPP	75.91486	30.72119	14:06:00	D	2.70
887	LUDHIANA	LUDHIANA EAST	S-NPP	76.04275	30.89399	14:06:00	D	1.40
888	LUDHIANA	LUDHIANA EAST	S-NPP	76.03143	30.93559	14:06:00	D	5.60

889	LUDHIANA	LUDHIANA WEST	S-NPP	75.70068	30.77324	14:06:00	D	1.30
890	LUDHIANA	LUDHIANA WEST	S-NPP	75.60210	30.82992	14:06:00	D	3.50
891	LUDHIANA	LUDHIANA WEST	S-NPP	75.83891	30.83097	14:06:00	D	2.40
892	LUDHIANA	LUDHIANA WEST	S-NPP	75.71585	30.83682	14:06:00	D	2.10
893	LUDHIANA	LUDHIANA WEST	S-NPP	75.84746	30.96348	14:06:00	D	1.80
894	LUDHIANA	LUDHIANA WEST	S-NPP	75.78239	30.97952	14:06:00	D	3.00
895	LUDHIANA	LUDHIANA WEST	S-NPP	75.76596	30.99919	14:06:00	D	4.60
896	LUDHIANA	PAYAL	S-NPP	75.99260	30.71666	14:06:00	D	5.00
897	LUDHIANA	PAYAL	S-NPP	75.95178	30.71879	14:06:00	D	1.90
898	LUDHIANA	PAYAL	S-NPP	76.05289	30.83171	14:06:00	D	1.80
899	LUDHIANA	RAIKOT	S-NPP	75.53095	30.58485	14:06:00	D	1.40
900	LUDHIANA	RAIKOT	S-NPP	75.52738	30.62049	14:06:00	D	3.30
901	LUDHIANA	RAIKOT	S-NPP	75.52612	30.62357	14:06:00	D	1.70
902	LUDHIANA	RAIKOT	S-NPP	75.56740	30.62674	14:06:00	D	2.80
903	LUDHIANA	RAIKOT	S-NPP	75.56813	30.62903	14:06:00	D	3.60
904	LUDHIANA	RAIKOT	S-NPP	75.68065	30.68718	14:06:00	D	1.80
905	LUDHIANA	RAIKOT	S-NPP	75.77663	30.68950	14:06:00	D	4.90
906	LUDHIANA	RAIKOT	S-NPP	75.81025	30.71300	14:06:00	D	2.30
907	LUDHIANA	SAMRALA	S-NPP	76.25548	30.77719	14:06:00	D	3.40
908	LUDHIANA	SAMRALA	S-NPP	76.25443	30.77940	14:06:00	D	2.50
909	LUDHIANA	SAMRALA	S-NPP	76.12440	30.83181	14:06:00	D	5.80
910	LUDHIANA	SAMRALA	S-NPP	76.12815	30.83209	14:06:00	D	5.80
911	LUDHIANA	SAMRALA	S-NPP	76.28117	30.83276	14:06:00	D	3.10
912	LUDHIANA	SAMRALA	S-NPP	76.16768	30.85643	14:06:00	D	1.60
913	LUDHIANA	SAMRALA	S-NPP	76.19764	30.94275	14:06:00	D	2.30
914	LUDHIANA	SAMRALA	S-NPP	76.20379	30.95648	12:30:00	D	8.00
915	LUDHIANA	SAMRALA	S-NPP	76.22337	30.98498	14:06:00	D	5.20
916	LUDHIANA	SAMRALA	S-NPP	76.22430	30.98766	14:06:00	D	4.70
917	MANSA	BUDHLADA	S-NPP	75.59431	29.79521	14:06:00	D	5.20
918	MANSA	BUDHLADA	S-NPP	75.57256	29.87515	14:06:00	D	2.90
919	MANSA	BUDHLADA	S-NPP	75.61742	29.94835	14:06:00	D	4.70
920	MANSA	BUDHLADA	S-NPP	75.63965	29.96557	14:06:00	D	3.50
921	MANSA	MANSA	S-NPP	75.33955	29.96050	14:06:00	D	9.10

922	MANSA	MANSA	S-NPP	75.36359	29.96741	14:06:00	D	7.90
923	MANSA	MANSA	S-NPP	75.36514	29.96776	14:06:00	D	8.90
924	MANSA	MANSA	S-NPP	75.40839	29.97031	12:24:00	D	5.00
925	MANSA	MANSA	S-NPP	75.37094	30.02356	14:06:00	D	7.80
926	MANSA	MANSA	S-NPP	75.35137	30.06165	14:06:00	D	18.80
927	MANSA	MANSA	S-NPP	75.35363	30.06252	14:06:00	D	44.20
928	MANSA	MANSA	S-NPP	75.48708	30.06371	14:06:00	D	9.80
929	MANSA	MANSA	S-NPP	75.35085	30.06666	14:06:00	D	18.80
930	MANSA	MANSA	S-NPP	75.35741	30.06718	14:06:00	D	18.80
931	MANSA	MANSA	S-NPP	75.35313	30.06753	14:06:00	D	16.90
932	MANSA	MANSA	S-NPP	75.34377	30.07115	14:06:00	D	3.40
933	MANSA	MANSA	S-NPP	75.29331	30.07244	14:06:00	D	6.10
934	MANSA	MANSA	S-NPP	75.36523	30.07868	14:06:00	D	17.20
935	MANSA	MANSA	S-NPP	75.28991	30.08195	14:06:00	D	5.40
936	MANSA	MANSA	S-NPP	75.29228	30.08242	14:06:00	D	12.20
937	MANSA	MANSA	S-NPP	75.30295	30.08300	14:06:00	D	11.90
938	MANSA	MANSA	S-NPP	75.58722	30.09770	14:06:00	D	10.40
939	MANSA	MANSA	S-NPP	75.58471	30.10033	14:06:00	D	25.50
940	MANSA	MANSA	S-NPP	75.39383	30.10044	14:06:00	D	7.40
941	MANSA	MANSA	S-NPP	75.58811	30.10060	14:06:00	D	19.60
942	MANSA	MANSA	S-NPP	75.58331	30.10250	14:06:00	D	10.40
943	MANSA	MANSA	S-NPP	75.58671	30.10279	14:06:00	D	10.40
944	MANSA	MANSA	S-NPP	75.39330	30.10546	14:06:00	D	17.70
945	MANSA	MANSA	S-NPP	75.34010	30.10619	14:06:00	D	4.10
946	MANSA	MANSA	S-NPP	75.41315	30.10707	14:06:00	D	17.80
947	MANSA	MANSA	S-NPP	75.45250	30.11533	14:06:00	D	7.50
948	MANSA	MANSA	S-NPP	75.40497	30.12161	14:06:00	D	10.00
949	MANSA	MANSA	S-NPP	75.50388	30.12457	14:06:00	D	3.30
950	MANSA	MANSA	S-NPP	75.35715	30.13285	14:06:00	D	6.30
951	MANSA	MANSA	S-NPP	75.36375	30.13340	14:06:00	D	6.30
952	MANSA	MANSA	S-NPP	75.45660	30.14108	14:06:00	D	14.60
953	MANSA	MANSA	S-NPP	75.45402	30.16630	14:06:00	D	8.70
954	MANSA	MANSA	S-NPP	75.42630	30.17413	14:06:00	D	7.20

955	MANSA	MANSA	S-NPP	75.43295	30.17469	14:06:00	D	10.50
956	MANSA	MANSA	S-NPP	75.44629	30.17582	14:06:00	D	7.80
957	MANSA	MANSA	S-NPP	75.42632	30.17833	14:06:00	D	22.30
958	MANSA	MANSA	S-NPP	75.42579	30.17917	14:06:00	D	10.90
959	MANSA	MANSA	S-NPP	75.43243	30.17973	14:06:00	D	16.10
960	MANSA	MANSA	S-NPP	75.44634	30.17989	14:06:00	D	10.80
961	MANSA	MANSA	S-NPP	75.44576	30.18086	14:06:00	D	8.40
962	MANSA	MANSA	S-NPP	75.41913	30.18284	14:06:00	D	5.60
963	MANSA	MANSA	S-NPP	75.41862	30.18364	14:06:00	D	10.90
964	MANSA	MANSA	S-NPP	75.46591	30.18651	14:06:00	D	6.30
965	MANSA	MANSA	S-NPP	75.46529	30.18762	14:06:00	D	7.40
966	MOGA	BAGHA PURANA	S-NPP	75.00923	30.53149	14:06:00	D	12.20
967	MOGA	BAGHA PURANA	S-NPP	75.18819	30.67262	14:06:00	D	13.90
968	MOGA	BAGHA PURANA	S-NPP	75.02481	30.67374	14:06:00	D	11.40
969	MOGA	BAGHA PURANA	S-NPP	75.02418	30.67451	14:06:00	D	8.40
970	MOGA	BAGHA PURANA	S-NPP	75.05589	30.74198	14:06:00	D	18.50
971	MOGA	BAGHA PURANA	S-NPP	75.06234	30.74251	14:06:00	D	21.80
972	MOGA	BAGHA PURANA	AQUA	75.10500	30.75900	14:15:00	D	24.60
973	MOGA	BAGHA PURANA	S-NPP	74.92857	30.77271	14:06:00	D	3.30
974	MOGA	BAGHA PURANA	S-NPP	74.93335	30.78798	14:06:00	D	4.60
975	MOGA	MOGA	S-NPP	75.20493	30.69884	14:06:00	D	2.90
976	MOGA	MOGA	S-NPP	75.20527	30.69926	14:06:00	D	6.00
977	MOGA	MOGA	S-NPP	75.34500	30.70470	14:06:00	D	4.70
978	MOGA	MOGA	S-NPP	75.17107	30.70622	14:06:00	D	6.10
979	MOGA	MOGA	S-NPP	75.17149	30.70644	14:06:00	D	10.30
980	MOGA	MOGA	S-NPP	75.14883	30.72957	14:06:00	D	9.40
981	MOGA	MOGA	S-NPP	75.15537	30.73010	14:06:00	D	18.10
982	MOGA	MOGA	S-NPP	75.16190	30.73064	14:06:00	D	18.10
983	MOGA	MOGA	S-NPP	75.30172	30.73177	14:06:00	D	4.90
984	MOGA	MOGA	S-NPP	75.21391	30.73989	14:06:00	D	4.30
985	MOGA	MOGA	S-NPP	75.17558	30.74833	12:30:00	D	3.90
986	MOGA	MOGA	S-NPP	75.37968	30.76342	14:06:00	D	7.50
987	MOGA	MOGA	S-NPP	75.00672	30.77775	14:06:00	D	11.50

988	MOGA	MOGA	S-NPP	75.00511	30.77880	14:06:00	D	9.10
989	MOGA	MOGA	AQUA	75.04300	30.78700	14:15:00	D	18.50
990	MOGA	MOGA	S-NPP	75.00520	30.79258	14:06:00	D	5.00
991	MOGA	MOGA	S-NPP	75.00357	30.79363	14:06:00	D	9.90
992	MOGA	MOGA	S-NPP	74.93478	30.79913	12:30:00	D	8.70
993	MOGA	MOGA	S-NPP	74.92878	30.80231	12:30:00	D	7.20
994	MOGA	MOGA	AQUA	75.26100	30.80400	14:15:00	D	17.30
995	MOGA	MOGA	S-NPP	75.25893	30.80881	14:06:00	D	10.30
996	MOGA	MOGA	TERRA	75.05800	30.83000	11:05:00	D	13.80
997	MOGA	MOGA	S-NPP	75.04391	30.84185	14:06:00	D	13.70
998	MOGA	MOGA	S-NPP	74.97858	30.84640	14:06:00	D	9.60
999	MOGA	MOGA	S-NPP	74.95888	30.84972	14:06:00	D	5.70
1000	MOGA	MOGA	AQUA	74.95500	30.85000	14:15:00	D	18.10
1001	MOGA	MOGA	S-NPP	74.97805	30.85133	14:06:00	D	18.30
1002	MOGA	MOGA	S-NPP	74.95198	30.85411	14:06:00	D	5.70
1003	MOGA	NIHAL SINGH WALA	S-NPP	75.34164	30.55411	14:06:00	D	9.50
1004	MOGA	NIHAL SINGH WALA	S-NPP	75.33697	30.58860	14:06:00	D	11.90
1005	MOGA	NIHAL SINGH WALA	S-NPP	75.33801	30.58933	14:06:00	D	14.30
1006	MOGA	NIHAL SINGH WALA	S-NPP	75.35546	30.60526	14:06:00	D	6.30
1007	MOGA	NIHAL SINGH WALA	AQUA	75.35500	30.61300	14:15:00	D	20.80
1008	MOGA	NIHAL SINGH WALA	S-NPP	75.34616	30.62992	14:06:00	D	3.80
1009	MOGA	NIHAL SINGH WALA	S-NPP	75.21745	30.66538	12:30:00	D	3.70
1010	MOGA	NIHAL SINGH WALA	S-NPP	75.21773	30.66745	12:30:00	D	6.70
1011	MOGA	NIHAL SINGH WALA	AQUA	75.34100	30.70100	14:15:00	D	28.90
1012	MUKTSAR	GIDDARBAHA	S-NPP	74.67559	30.17079	14:06:00	D	6.00
1013	MUKTSAR	GIDDARBAHA	S-NPP	74.56595	30.18529	14:06:00	D	5.80
1014	MUKTSAR	GIDDARBAHA	S-NPP	74.61275	30.19431	14:06:00	D	25.50
1015	MUKTSAR	GIDDARBAHA	S-NPP	74.63006	30.20071	14:06:00	D	5.20
1016	MUKTSAR	GIDDARBAHA	S-NPP	74.62952	30.20551	14:06:00	D	9.50
1017	MUKTSAR	GIDDARBAHA	S-NPP	74.56014	30.21324	14:06:00	D	6.10
1018	MUKTSAR	GIDDARBAHA	S-NPP	74.56277	30.21395	14:06:00	D	5.70
1019	MUKTSAR	GIDDARBAHA	S-NPP	74.68581	30.21895	14:06:00	D	7.70
1020	MUKTSAR	GIDDARBAHA	S-NPP	74.68825	30.22051	14:06:00	D	6.50

1021	MUKTSAR	GIDDARBAHA	S-NPP	74.58920	30.22053	14:06:00	D	5.90
1022	MUKTSAR	GIDDARBAHA	S-NPP	74.58586	30.22090	14:06:00	D	16.30
1023	MUKTSAR	GIDDARBAHA	S-NPP	74.58866	30.22532	14:06:00	D	5.90
1024	MUKTSAR	GIDDARBAHA	S-NPP	74.55153	30.23662	14:06:00	D	10.50
1025	MUKTSAR	GIDDARBAHA	S-NPP	74.54240	30.26476	14:06:00	D	3.10
1026	MUKTSAR	GIDDARBAHA	S-NPP	74.66788	30.27088	14:06:00	D	10.40
1027	MUKTSAR	GIDDARBAHA	S-NPP	74.70949	30.27936	14:06:00	D	24.70
1028	MUKTSAR	GIDDARBAHA	S-NPP	74.60001	30.28433	14:06:00	D	10.10
1029	MUKTSAR	GIDDARBAHA	S-NPP	74.59947	30.28913	14:06:00	D	22.00
1030	MUKTSAR	GIDDARBAHA	S-NPP	74.61825	30.31941	14:06:00	D	9.50
1031	MUKTSAR	GIDDARBAHA	S-NPP	74.61416	30.31950	14:06:00	D	13.70
1032	MUKTSAR	GIDDARBAHA	S-NPP	74.69637	30.32591	14:06:00	D	17.50
1033	MUKTSAR	GIDDARBAHA	S-NPP	74.70241	30.32641	14:06:00	D	15.80
1034	MUKTSAR	GIDDARBAHA	S-NPP	74.69812	30.32706	14:06:00	D	29.80
1035	MUKTSAR	GIDDARBAHA	S-NPP	74.60741	30.36210	14:06:00	D	5.00
1036	MUKTSAR	GIDDARBAHA	S-NPP	74.70414	30.36554	14:06:00	D	11.70
1037	MUKTSAR	GIDDARBAHA	S-NPP	74.60686	30.36690	14:06:00	D	17.40
1038	MUKTSAR	GIDDARBAHA	S-NPP	74.79000	30.36792	14:06:00	D	14.40
1039	MUKTSAR	GIDDARBAHA	S-NPP	74.79613	30.36844	14:06:00	D	22.00
1040	MUKTSAR	GIDDARBAHA	S-NPP	74.63081	30.36897	14:06:00	D	12.80
1041	MUKTSAR	GIDDARBAHA	S-NPP	74.63681	30.36949	14:06:00	D	14.60
1042	MUKTSAR	GIDDARBAHA	S-NPP	74.80790	30.37434	14:06:00	D	7.40
1043	MUKTSAR	GIDDARBAHA	S-NPP	74.69703	30.37467	14:06:00	D	59.40
1044	MUKTSAR	GIDDARBAHA	S-NPP	74.58788	30.37494	14:06:00	D	6.80
1045	MUKTSAR	GIDDARBAHA	S-NPP	74.76951	30.38577	14:06:00	D	4.50
1046	MUKTSAR	GIDDARBAHA	S-NPP	74.71970	30.39126	14:06:00	D	2.80
1047	MUKTSAR	GIDDARBAHA	S-NPP	74.68887	30.39346	14:06:00	D	13.90
1048	MUKTSAR	GIDDARBAHA	S-NPP	74.60365	30.39570	14:06:00	D	7.40
1049	MUKTSAR	GIDDARBAHA	S-NPP	74.65202	30.42782	14:06:00	D	3.90
1050	MUKTSAR	GIDDARBAHA	S-NPP	74.63446	30.47761	12:30:00	D	5.00
1051	MUKTSAR	MALAUT	S-NPP	74.52497	29.95055	14:06:00	D	4.90
1052	MUKTSAR	MALAUT	S-NPP	74.48426	29.99959	14:06:00	D	27.90
1053	MUKTSAR	MALAUT	S-NPP	74.48705	30.00014	14:06:00	D	21.30

1054	MUKTSAR	MALAUT	S-NPP	74.68221	30.00712	14:06:00	D	5.30
1055	MUKTSAR	MALAUT	S-NPP	74.68490	30.00841	14:06:00	D	5.30
1056	MUKTSAR	MALAUT	AQUA	74.41200	30.05400	14:15:00	D	42.00
1057	MUKTSAR	MALAUT	S-NPP	74.41652	30.05608	14:06:00	D	6.00
1058	MUKTSAR	MALAUT	S-NPP	74.43378	30.05764	14:06:00	D	4.90
1059	MUKTSAR	MALAUT	S-NPP	74.40450	30.05976	14:06:00	D	6.50
1060	MUKTSAR	MALAUT	S-NPP	74.50910	30.06443	14:06:00	D	4.10
1061	MUKTSAR	MALAUT	S-NPP	74.39195	30.06816	14:06:00	D	3.60
1062	MUKTSAR	MALAUT	S-NPP	74.68711	30.07060	14:06:00	D	6.20
1063	MUKTSAR	MALAUT	S-NPP	74.37835	30.08598	14:06:00	D	6.50
1064	MUKTSAR	MALAUT	S-NPP	74.37748	30.08722	14:06:00	D	11.20
1065	MUKTSAR	MALAUT	AQUA	74.37700	30.09000	14:15:00	D	17.20
1066	MUKTSAR	MALAUT	S-NPP	74.45203	30.10238	14:06:00	D	12.60
1067	MUKTSAR	MALAUT	S-NPP	74.45129	30.10312	14:06:00	D	6.90
1068	MUKTSAR	MALAUT	S-NPP	74.44334	30.12158	14:06:00	D	7.10
1069	MUKTSAR	MALAUT	S-NPP	74.50568	30.14142	14:06:00	D	3.50
1070	MUKTSAR	MALAUT	S-NPP	74.45856	30.14207	14:06:00	D	9.50
1071	MUKTSAR	MALAUT	S-NPP	74.43378	30.15423	14:06:00	D	9.20
1072	MUKTSAR	MALAUT	S-NPP	74.55095	30.15984	14:06:00	D	1.70
1073	MUKTSAR	MALAUT	S-NPP	74.41536	30.16214	14:06:00	D	4.60
1074	MUKTSAR	MALAUT	S-NPP	74.47384	30.16260	14:06:00	D	8.00
1075	MUKTSAR	MALAUT	S-NPP	74.38495	30.17371	14:06:00	D	5.40
1076	MUKTSAR	MALAUT	S-NPP	74.38441	30.17843	14:06:00	D	5.40
1077	MUKTSAR	MALAUT	S-NPP	74.45319	30.18951	14:06:00	D	25.00
1078	MUKTSAR	MALAUT	S-NPP	74.42946	30.19212	14:06:00	D	8.40
1079	MUKTSAR	MALAUT	S-NPP	74.45266	30.19425	14:06:00	D	25.00
1080	MUKTSAR	MALAUT	S-NPP	74.39343	30.22767	14:06:00	D	5.70
1081	MUKTSAR	MALAUT	S-NPP	74.39920	30.22818	14:06:00	D	7.00
1082	MUKTSAR	MALAUT	S-NPP	74.49639	30.30400	14:06:00	D	6.10
1083	MUKTSAR	MALAUT	S-NPP	74.49586	30.30876	14:06:00	D	4.20
1084	MUKTSAR	MALAUT	S-NPP	74.49532	30.31352	14:06:00	D	4.20
1085	MUKTSAR	MALAUT	S-NPP	74.49325	30.31371	14:06:00	D	6.60
1086	MUKTSAR	MALAUT	S-NPP	74.42373	30.32132	14:06:00	D	4.10



1087	MUKTSAR	MALAUT	S-NPP	74.33318	30.32862	14:06:00	D	5.50
1088	MUKTSAR	MUKTSAR	S-NPP	74.46709	30.33551	14:06:00	D	6.30
1089	MUKTSAR	MUKTSAR	S-NPP	74.42505	30.39418	14:06:00	D	6.50
1090	MUKTSAR	MUKTSAR	S-NPP	74.36597	30.39837	14:06:00	D	10.50
1091	MUKTSAR	MUKTSAR	S-NPP	74.37174	30.39890	14:06:00	D	10.20
1092	MUKTSAR	MUKTSAR	S-NPP	74.49425	30.41007	14:06:00	D	5.00
1093	MUKTSAR	MUKTSAR	S-NPP	74.32296	30.41827	14:06:00	D	6.80
1094	MUKTSAR	MUKTSAR	S-NPP	74.32000	30.41892	14:06:00	D	3.30
1095	MUKTSAR	MUKTSAR	S-NPP	74.26731	30.42385	14:06:00	D	5.50
1096	MUKTSAR	MUKTSAR	S-NPP	74.40966	30.42634	14:06:00	D	3.30
1097	MUKTSAR	MUKTSAR	AQUA	74.48900	30.43600	14:15:00	D	32.40
1098	MUKTSAR	MUKTSAR	S-NPP	74.49422	30.43872	14:06:00	D	5.70
1099	MUKTSAR	MUKTSAR	S-NPP	74.49696	30.43923	14:06:00	D	5.90
1100	MUKTSAR	MUKTSAR	S-NPP	74.72604	30.47790	14:06:00	D	8.90
1101	MUKTSAR	MUKTSAR	AQUA	74.42700	30.48200	14:15:00	D	13.80
1102	MUKTSAR	MUKTSAR	S-NPP	74.72552	30.48274	14:06:00	D	8.30
1103	MUKTSAR	MUKTSAR	S-NPP	74.67580	30.48824	14:06:00	D	5.60
1104	MUKTSAR	MUKTSAR	S-NPP	74.48672	30.50552	14:06:00	D	4.10
1105	MUKTSAR	MUKTSAR	S-NPP	74.55841	30.50710	14:06:00	D	15.70
1106	MUKTSAR	MUKTSAR	S-NPP	74.40688	30.51343	14:06:00	D	4.50
1107	MUKTSAR	MUKTSAR	S-NPP	74.40835	30.51765	14:06:00	D	8.00
1108	MUKTSAR	MUKTSAR	AQUA	74.62000	30.52500	14:15:00	D	26.50
1109	MUKTSAR	MUKTSAR	S-NPP	74.61617	30.53165	14:06:00	D	4.10
1110	MUKTSAR	MUKTSAR	S-NPP	74.61396	30.53561	14:06:00	D	12.10
1111	MUKTSAR	MUKTSAR	S-NPP	74.61565	30.53646	14:06:00	D	4.10
1112	MUKTSAR	MUKTSAR	S-NPP	74.54641	30.54449	14:06:00	D	2.00
1113	MUKTSAR	MUKTSAR	S-NPP	74.54824	30.54490	14:06:00	D	4.80
1114	MUKTSAR	MUKTSAR	S-NPP	74.47736	30.57236	14:06:00	D	6.40
1115	MUKTSAR	MUKTSAR	AQUA	74.56300	30.58800	14:15:00	D	49.50
1116	MUKTSAR	MUKTSAR	S-NPP	74.50537	30.58929	14:06:00	D	10.70
1117	MUKTSAR	MUKTSAR	S-NPP	74.46879	30.59571	14:06:00	D	9.50
1118	MUKTSAR	MUKTSAR	S-NPP	74.44469	30.59838	14:06:00	D	5.90
1119	MUKTSAR	MUKTSAR	AQUA	74.45800	30.60100	14:15:00	D	19.70

1120	MUKTSAR	MUKTSAR	S-NPP	74.46184	30.60473	14:06:00	D	10.50
1121	MUKTSAR	MUKTSAR	S-NPP	74.58789	30.60622	14:06:00	D	12.20
1122	MUKTSAR	MUKTSAR	S-NPP	74.60829	30.64203	14:06:00	D	2.50
1123	NAWASHAHR	NAWASHAHR	S-NPP	76.22324	31.02791	14:06:00	D	3.80
1124	NAWASHAHR	NAWASHAHR	S-NPP	76.22659	31.03353	14:06:00	D	5.00
1125	NAWASHAHR	NAWASHAHR	S-NPP	76.18014	31.03549	14:06:00	D	16.60
1126	NAWASHAHR	NAWASHAHR	S-NPP	76.14113	31.04331	14:06:00	D	4.90
1127	NAWASHAHR	NAWASHAHR	S-NPP	76.16747	31.08810	14:06:00	D	1.60
1128	NAWASHAHR	NAWASHAHR	S-NPP	76.16662	31.09160	14:06:00	D	2.40
1129	NAWASHAHR	NAWASHAHR	S-NPP	76.05984	31.13195	14:06:00	D	1.30
1130	NAWASHAHR	NAWASHAHR	S-NPP	75.93459	31.26992	14:06:00	D	4.40
1131	PATIALA	NABHA	S-NPP	76.16077	30.32395	14:06:00	D	4.00
1132	PATIALA	NABHA	S-NPP	76.16820	30.32452	14:06:00	D	2.50
1133	PATIALA	NABHA	S-NPP	76.19425	30.32655	14:06:00	D	5.70
1134	PATIALA	NABHA	S-NPP	76.21938	30.33916	14:06:00	D	11.70
1135	PATIALA	NABHA	S-NPP	76.15183	30.33918	14:06:00	D	6.10
1136	PATIALA	NABHA	S-NPP	76.24512	30.34651	14:06:00	D	2.20
1137	PATIALA	NABHA	S-NPP	76.22487	30.36093	14:06:00	D	4.10
1138	PATIALA	NABHA	S-NPP	76.22314	30.36447	14:06:00	D	4.50
1139	PATIALA	NABHA	S-NPP	76.30240	30.45065	14:06:00	D	5.60
1140	PATIALA	NABHA	S-NPP	76.08284	30.45448	14:06:00	D	6.10
1141	PATIALA	NABHA	S-NPP	76.08653	30.45475	14:06:00	D	6.20
1142	PATIALA	NABHA	S-NPP	76.08344	30.45478	14:06:00	D	6.70
1143	PATIALA	NABHA	S-NPP	76.08713	30.45508	14:06:00	D	6.40
1144	PATIALA	NABHA	S-NPP	76.08972	30.46028	14:06:00	D	6.20
1145	PATIALA	NABHA	S-NPP	76.09032	30.46063	14:06:00	D	6.40
1146	PATIALA	PATIALA	S-NPP	76.29343	30.18060	14:06:00	D	1.90
1147	PATIALA	PATIALA	S-NPP	76.30799	30.18703	14:06:00	D	1.40
1148	PATIALA	PATIALA	S-NPP	76.32310	30.18816	14:06:00	D	5.20
1149	PATIALA	PATIALA	S-NPP	76.32210	30.19879	14:06:00	D	2.10
1150	PATIALA	PATIALA	S-NPP	76.37096	30.20783	14:06:00	D	3.70
1151	PATIALA	PATIALA	S-NPP	76.32490	30.20972	14:06:00	D	3.40
1152	PATIALA	PATIALA	S-NPP	76.36663	30.21287	14:06:00	D	3.20

1153	PATIALA	PATIALA	S-NPP	76.28614	30.21747	14:06:00	D	3.10
1154	PATIALA	PATIALA	S-NPP	76.28992	30.21776	14:06:00	D	4.50
1155	PATIALA	PATIALA	S-NPP	76.30779	30.22984	14:06:00	D	5.50
1156	PATIALA	PATIALA	S-NPP	76.29596	30.23428	14:06:00	D	6.80
1157	PATIALA	PATIALA	S-NPP	76.18276	30.23608	14:06:00	D	2.50
1158	PATIALA	PATIALA	S-NPP	76.29546	30.23959	14:06:00	D	2.30
1159	PATIALA	PATIALA	S-NPP	76.32571	30.24194	14:06:00	D	2.30
1160	PATIALA	PATIALA	S-NPP	76.37456	30.25110	14:06:00	D	5.50
1161	PATIALA	PATIALA	S-NPP	76.29563	30.25408	14:06:00	D	2.70
1162	PATIALA	PATIALA	S-NPP	76.29396	30.25553	14:06:00	D	4.30
1163	PATIALA	PATIALA	S-NPP	76.29512	30.25939	14:06:00	D	2.00
1164	PATIALA	PATIALA	S-NPP	76.31785	30.26104	14:06:00	D	4.50
1165	PATIALA	PATIALA	S-NPP	76.22919	30.26106	14:06:00	D	2.00
1166	PATIALA	PATIALA	S-NPP	76.31990	30.26293	14:06:00	D	6.60
1167	PATIALA	PATIALA	S-NPP	76.25914	30.26345	14:06:00	D	7.00
1168	PATIALA	PATIALA	S-NPP	76.26289	30.26376	14:06:00	D	7.30
1169	PATIALA	PATIALA	S-NPP	76.31734	30.26636	14:06:00	D	4.50
1170	PATIALA	PATIALA	S-NPP	76.22969	30.27063	14:06:00	D	4.60
1171	PATIALA	PATIALA	S-NPP	76.20998	30.27982	14:06:00	D	1.70
1172	PATIALA	PATIALA	S-NPP	76.27924	30.30637	14:06:00	D	3.70
1173	PATIALA	PATIALA	S-NPP	76.28301	30.30665	14:06:00	D	5.80
1174	PATIALA	PATIALA	S-NPP	76.24812	30.31470	14:06:00	D	2.10
1175	PATIALA	PATIALA	S-NPP	76.31789	30.34145	14:06:00	D	6.40
1176	PATIALA	PATIALA	S-NPP	76.32168	30.34174	14:06:00	D	6.40
1177	PATIALA	PATIALA	S-NPP	76.26443	30.34267	14:06:00	D	2.70
1178	PATIALA	PATIALA	S-NPP	76.30222	30.34561	14:06:00	D	2.50
1179	PATIALA	PATIALA	S-NPP	76.29254	30.35344	14:06:00	D	2.70
1180	PATIALA	PATIALA	S-NPP	76.27384	30.38956	14:06:00	D	5.90
1181	PATIALA	PATIALA	S-NPP	76.34225	30.39458	14:06:00	D	2.60
1182	PATIALA	PATIALA	S-NPP	76.51326	30.43957	14:06:00	D	1.70
1183	PATIALA	SAMANA	S-NPP	76.14153	29.95866	14:06:00	D	4.40
1184	PATIALA	SAMANA	S-NPP	76.15526	30.00735	14:06:00	D	3.60
1185	PATIALA	SAMANA	S-NPP	76.10522	30.02978	14:06:00	D	5.80

1186	PATIALA	SAMANA	S-NPP	76.21429	30.18001	14:06:00	D	8.40
1187	PATIALA	SAMANA	S-NPP	76.20634	30.18473	14:06:00	D	4.50
1188	PATIALA	SAMANA	S-NPP	76.28815	30.19624	14:06:00	D	7.00
1189	PATIALA	SAMANA	S-NPP	76.12881	30.21591	14:06:00	D	6.10
1190	PATIALA	SAMANA	S-NPP	76.13248	30.21620	14:06:00	D	8.40
1191	PATIALA	SAMANA	S-NPP	76.12830	30.22117	14:06:00	D	6.10
1192	PATIALA	SAMANA	S-NPP	76.13198	30.22146	14:06:00	D	8.40
1193	PATIALA	SAMANA	S-NPP	76.27714	30.23281	14:06:00	D	2.30
1194	PATIALA	SAMANA	S-NPP	76.22418	30.23402	14:06:00	D	2.40
1195	PATIALA	SAMANA	S-NPP	76.27665	30.23812	14:06:00	D	3.80
1196	RUPNAGAR	ANANDPUR SAHIB	S-NPP	76.54956	31.13437	14:06:00	D	2.50
1197	RUPNAGAR	CHAMKOR SAHIB	S-NPP	76.38499	30.93487	14:06:00	D	4.00
1198	SANGRUR	DHURI	S-NPP	75.73574	30.29534	14:06:00	D	6.20
1199	SANGRUR	DHURI	S-NPP	75.73923	30.29563	14:06:00	D	6.20
1200	SANGRUR	DHURI	S-NPP	75.72825	30.29991	14:06:00	D	3.10
1201	SANGRUR	DHURI	S-NPP	75.74120	30.32845	14:06:00	D	1.30
1202	SANGRUR	DHURI	S-NPP	75.70926	30.33117	14:06:00	D	5.40
1203	SANGRUR	DHURI	S-NPP	75.72650	30.33509	12:30:00	D	9.50
1204	SANGRUR	DHURI	S-NPP	75.72801	30.33514	12:24:00	D	11.10
1205	SANGRUR	DHURI	S-NPP	75.94220	30.33822	14:06:00	D	2.90
1206	SANGRUR	DHURI	S-NPP	75.94054	30.33832	14:06:00	D	2.30
1207	SANGRUR	DHURI	S-NPP	75.71172	30.34171	14:06:00	D	1.60
1208	SANGRUR	DHURI	S-NPP	75.73265	30.34333	14:06:00	D	2.90
1209	SANGRUR	DHURI	S-NPP	75.76964	30.36178	14:06:00	D	2.10
1210	SANGRUR	DHURI	S-NPP	75.74057	30.36987	14:06:00	D	5.50
1211	SANGRUR	DHURI	S-NPP	75.74757	30.37042	14:06:00	D	4.80
1212	SANGRUR	DHURI	S-NPP	75.74005	30.37501	14:06:00	D	3.30
1213	SANGRUR	DHURI	S-NPP	75.69068	30.37626	14:06:00	D	3.00
1214	SANGRUR	DHURI	S-NPP	75.76460	30.37696	14:06:00	D	3.50
1215	SANGRUR	DHURI	S-NPP	75.72153	30.38390	14:06:00	D	4.80
1216	SANGRUR	DHURI	S-NPP	75.79581	30.38463	14:06:00	D	2.30
1217	SANGRUR	DHURI	S-NPP	75.78121	30.38867	14:06:00	D	2.10
1218	SANGRUR	DHURI	S-NPP	75.72749	30.39474	14:06:00	D	1.80

1219	SANGRUR	DHURI	S-NPP	75.88058	30.39656	14:06:00	D	5.00
1220	SANGRUR	DHURI	S-NPP	75.68862	30.39677	14:06:00	D	6.30
1221	SANGRUR	DHURI	S-NPP	75.70153	30.40817	14:06:00	D	3.00
1222	SANGRUR	DHURI	S-NPP	75.70502	30.40846	14:06:00	D	3.00
1223	SANGRUR	DHURI	S-NPP	75.77158	30.41389	14:06:00	D	8.60
1224	SANGRUR	DHURI	S-NPP	75.71498	30.41445	14:06:00	D	5.20
1225	SANGRUR	DHURI	S-NPP	75.71848	30.41474	14:06:00	D	5.20
1226	SANGRUR	DHURI	S-NPP	75.71379	30.41655	14:06:00	D	5.10
1227	SANGRUR	DHURI	S-NPP	75.71729	30.41681	14:06:00	D	5.10
1228	SANGRUR	DHURI	S-NPP	75.81649	30.42796	14:06:00	D	3.70
1229	SANGRUR	DHURI	S-NPP	75.82005	30.42825	14:06:00	D	6.40
1230	SANGRUR	DHURI	S-NPP	75.81544	30.42940	14:06:00	D	3.10
1231	SANGRUR	DHURI	S-NPP	75.81900	30.42966	14:06:00	D	7.00
1232	SANGRUR	DHURI	S-NPP	75.74721	30.47098	14:06:00	D	2.30
1233	SANGRUR	DHURI	S-NPP	75.71510	30.47364	14:06:00	D	3.70
1234	SANGRUR	DHURI	S-NPP	75.69012	30.47684	14:06:00	D	1.00
1235	SANGRUR	DHURI	S-NPP	75.66174	30.47975	14:06:00	D	3.30
1236	SANGRUR	DHURI	S-NPP	75.71058	30.48364	14:06:00	D	6.80
1237	SANGRUR	DHURI	AQUA	75.72800	30.49100	14:15:00	D	22.10
1238	SANGRUR	DHURI	S-NPP	75.77239	30.50416	14:06:00	D	2.00
1239	SANGRUR	DHURI	S-NPP	75.71705	30.52565	14:06:00	D	7.90
1240	SANGRUR	DHURI	S-NPP	75.71509	30.52705	14:06:00	D	4.30
1241	SANGRUR	DHURI	S-NPP	75.71860	30.52731	14:06:00	D	4.30
1242	SANGRUR	DHURI	S-NPP	75.70754	30.53166	14:06:00	D	3.40
1243	SANGRUR	DHURI	S-NPP	75.71105	30.53192	14:06:00	D	3.40
1244	SANGRUR	DHURI	S-NPP	75.70903	30.53535	14:06:00	D	5.70
1245	SANGRUR	DHURI	S-NPP	75.72305	30.53652	14:06:00	D	2.20
1246	SANGRUR	MALERKOTLA	S-NPP	76.07915	30.45421	14:06:00	D	6.10
1247	SANGRUR	MALERKOTLA	S-NPP	76.07977	30.45449	14:06:00	D	6.70
1248	SANGRUR	MALERKOTLA	S-NPP	76.07926	30.45974	14:06:00	D	6.70
1249	SANGRUR	MALERKOTLA	S-NPP	76.08233	30.45974	14:06:00	D	6.10
1250	SANGRUR	MALERKOTLA	S-NPP	75.83984	30.47298	14:06:00	D	7.00
1251	SANGRUR	MALERKOTLA	S-NPP	75.91103	30.48372	14:06:00	D	7.90

1252	SANGRUR	MALERKOTLA	S-NPP	76.03881	30.48822	14:06:00	D	7.80
1253	SANGRUR	MALERKOTLA	S-NPP	76.04248	30.48850	14:06:00	D	7.80
1254	SANGRUR	MALERKOTLA	S-NPP	75.92495	30.49003	14:06:00	D	7.60
1255	SANGRUR	MALERKOTLA	S-NPP	75.86334	30.49048	14:06:00	D	4.80
1256	SANGRUR	MALERKOTLA	S-NPP	75.86692	30.49076	14:06:00	D	4.80
1257	SANGRUR	MALERKOTLA	S-NPP	76.02364	30.49235	14:06:00	D	40.80
1258	SANGRUR	MALERKOTLA	S-NPP	75.82358	30.49259	14:06:00	D	9.10
1259	SANGRUR	MALERKOTLA	S-NPP	75.82714	30.49287	14:06:00	D	20.60
1260	SANGRUR	MALERKOTLA	S-NPP	76.05933	30.50565	14:06:00	D	3.20
1261	SANGRUR	MALERKOTLA	S-NPP	75.77290	30.53542	14:06:00	D	5.40
1262	SANGRUR	MALERKOTLA	S-NPP	75.77643	30.53571	14:06:00	D	5.40
1263	SANGRUR	MALERKOTLA	S-NPP	75.77457	30.53672	14:06:00	D	6.60
1264	SANGRUR	MALERKOTLA	S-NPP	75.81498	30.54408	14:06:00	D	3.10
1265	SANGRUR	MALERKOTLA	S-NPP	75.81313	30.54484	14:06:00	D	4.20
1266	SANGRUR	MALERKOTLA	S-NPP	75.82384	30.54564	14:06:00	D	1.70
1267	SANGRUR	MALERKOTLA	S-NPP	75.85065	30.54699	14:06:00	D	3.20
1268	SANGRUR	MALERKOTLA	S-NPP	75.91940	30.54734	14:06:00	D	3.10
1269	SANGRUR	MALERKOTLA	S-NPP	75.84885	30.54752	14:06:00	D	3.60
1270	SANGRUR	MALERKOTLA	S-NPP	75.92301	30.54763	14:06:00	D	5.00
1271	SANGRUR	MALERKOTLA	S-NPP	75.92136	30.54769	14:06:00	D	5.30
1272	SANGRUR	MALERKOTLA	S-NPP	76.01034	30.57537	14:06:00	D	2.80
1273	SANGRUR	MALERKOTLA	S-NPP	76.01400	30.57565	14:06:00	D	3.80
1274	SANGRUR	MALERKOTLA	S-NPP	75.79325	30.60067	14:06:00	D	2.70
1275	SANGRUR	MALERKOTLA	S-NPP	75.79681	30.60095	14:06:00	D	2.70
1276	SANGRUR	MALERKOTLA	S-NPP	76.00048	30.60102	14:06:00	D	1.90
1277	SANGRUR	MALERKOTLA	S-NPP	75.79275	30.60584	14:06:00	D	2.70
1278	SANGRUR	MALERKOTLA	S-NPP	75.89262	30.65569	14:06:00	D	7.20
1279	SANGRUR	MALERKOTLA	S-NPP	75.89193	30.65642	14:06:00	D	6.40
1280	SANGRUR	MALERKOTLA	S-NPP	75.86974	30.66001	14:06:00	D	3.50
1281	SANGRUR	MALERKOTLA	S-NPP	75.85429	30.66932	14:06:00	D	5.80
1282	SANGRUR	SANGRUR	S-NPP	75.99964	30.14791	14:06:00	D	3.60
1283	SANGRUR	SANGRUR	S-NPP	75.60384	30.14799	14:06:00	D	2.00
1284	SANGRUR	SANGRUR	S-NPP	75.62092	30.14938	14:06:00	D	3.60

1285	SANGRUR	SANGRUR	S-NPP	75.93956	30.16950	14:06:00	D	7.60
1286	SANGRUR	SANGRUR	S-NPP	75.63544	30.17626	14:06:00	D	3.80
1287	SANGRUR	SANGRUR	S-NPP	75.79588	30.17897	14:06:00	D	1.80
1288	SANGRUR	SANGRUR	S-NPP	76.02858	30.18694	14:06:00	D	3.50
1289	SANGRUR	SANGRUR	S-NPP	75.86584	30.18979	14:06:00	D	3.40
1290	SANGRUR	SANGRUR	S-NPP	75.86937	30.19007	14:06:00	D	3.40
1291	SANGRUR	SANGRUR	S-NPP	75.59238	30.19323	14:06:00	D	2.50
1292	SANGRUR	SANGRUR	S-NPP	75.59271	30.19637	14:06:00	D	2.10
1293	SANGRUR	SANGRUR	S-NPP	76.03070	30.20291	14:06:00	D	7.10
1294	SANGRUR	SANGRUR	S-NPP	75.58484	30.20601	14:06:00	D	3.90
1295	SANGRUR	SANGRUR	S-NPP	75.58823	30.20628	14:06:00	D	3.90
1296	SANGRUR	SANGRUR	S-NPP	75.58742	30.20821	14:06:00	D	7.20
1297	SANGRUR	SANGRUR	S-NPP	75.92787	30.21568	14:06:00	D	3.90
1298	SANGRUR	SANGRUR	S-NPP	75.64598	30.21591	14:06:00	D	4.90
1299	SANGRUR	SANGRUR	S-NPP	75.83805	30.21880	14:06:00	D	2.50
1300	SANGRUR	SANGRUR	S-NPP	76.09429	30.22906	14:06:00	D	2.10
1301	SANGRUR	SANGRUR	S-NPP	75.71405	30.23152	14:06:00	D	3.20
1302	SANGRUR	SANGRUR	S-NPP	75.87320	30.23338	14:06:00	D	1.70
1303	SANGRUR	SANGRUR	S-NPP	76.04945	30.23602	14:06:00	D	4.20
1304	SANGRUR	SANGRUR	S-NPP	76.05064	30.23619	14:06:00	D	8.80
1305	SANGRUR	SANGRUR	S-NPP	76.05309	30.23632	14:06:00	D	4.20
1306	SANGRUR	SANGRUR	S-NPP	76.07990	30.23835	14:06:00	D	1.20
1307	SANGRUR	SANGRUR	S-NPP	76.07865	30.23837	14:06:00	D	1.70
1308	SANGRUR	SANGRUR	S-NPP	76.05013	30.24142	14:06:00	D	3.60
1309	SANGRUR	SANGRUR	S-NPP	75.98692	30.25247	14:06:00	D	4.40
1310	SANGRUR	SANGRUR	S-NPP	76.06006	30.25271	14:06:00	D	6.60
1311	SANGRUR	SANGRUR	S-NPP	76.17050	30.26093	14:06:00	D	3.60
1312	SANGRUR	SANGRUR	S-NPP	76.18758	30.27815	14:06:00	D	2.20
1313	SANGRUR	SANGRUR	S-NPP	75.91547	30.27844	14:06:00	D	5.30
1314	SANGRUR	SANGRUR	S-NPP	75.87720	30.30156	14:06:00	D	7.80
1315	SANGRUR	SANGRUR	S-NPP	75.97460	30.30406	14:06:00	D	2.70
1316	SANGRUR	SANGRUR	S-NPP	76.12474	30.31053	14:06:00	D	4.90
1317	SANGRUR	SANGRUR	S-NPP	75.96997	30.31420	14:06:00	D	3.20

1318	SANGRUR	SANGRUR	S-NPP	76.11685	30.31522	14:06:00	D	2.70
1319	SANGRUR	SANGRUR	S-NPP	76.12054	30.31551	14:06:00	D	2.70
1320	SANGRUR	SANGRUR	S-NPP	75.96946	30.31942	14:06:00	D	4.30
1321	SANGRUR	SUNAM	S-NPP	75.68661	30.03396	14:06:00	D	3.40
1322	SANGRUR	SUNAM	S-NPP	75.71417	30.03615	14:06:00	D	12.20
1323	SANGRUR	SUNAM	S-NPP	75.71021	30.04100	14:06:00	D	7.30
1324	SANGRUR	SUNAM	S-NPP	75.70622	30.04584	14:06:00	D	2.10
1325	SANGRUR	SUNAM	S-NPP	75.68849	30.04956	14:06:00	D	6.30
1326	SANGRUR	SUNAM	S-NPP	75.69193	30.04984	14:06:00	D	13.20
1327	SANGRUR	SUNAM	S-NPP	75.81635	30.06501	14:06:00	D	7.60
1328	SANGRUR	SUNAM	S-NPP	75.81985	30.06529	14:06:00	D	7.60
1329	SANGRUR	SUNAM	S-NPP	75.76003	30.06566	14:06:00	D	2.30
1330	SANGRUR	SUNAM	S-NPP	75.73869	30.06911	14:06:00	D	2.60
1331	SANGRUR	SUNAM	S-NPP	75.80132	30.07418	14:06:00	D	1.90
1332	SANGRUR	SUNAM	S-NPP	75.72331	30.08335	14:06:00	D	2.70
1333	SANGRUR	SUNAM	S-NPP	75.74061	30.08477	14:06:00	D	2.30
1334	SANGRUR	SUNAM	S-NPP	75.76044	30.09675	14:06:00	D	2.10
1335	SANGRUR	SUNAM	S-NPP	75.74866	30.12341	14:06:00	D	2.50
1336	SANGRUR	SUNAM	S-NPP	75.88515	30.13915	14:06:00	D	4.50
1337	SANGRUR	SUNAM	S-NPP	75.98934	30.14187	14:06:00	D	3.50
1338	SANGRUR	SUNAM	S-NPP	75.74659	30.14394	14:06:00	D	3.60
1339	SANGRUR	SUNAM	S-NPP	75.78497	30.14697	14:06:00	D	6.60
1340	SANGRUR	SUNAM	S-NPP	75.72870	30.14770	14:06:00	D	2.90
1341	SANGRUR	SUNAM	S-NPP	75.72820	30.15283	14:06:00	D	3.80
1342	SANGRUR	SUNAM	S-NPP	75.79445	30.15809	14:06:00	D	4.50
1343	SANGRUR	SUNAM	S-NPP	75.79795	30.15837	14:06:00	D	6.30
1344	SANGRUR	SUNAM	S-NPP	75.73808	30.15879	14:06:00	D	1.90
1345	SANGRUR	SUNAM	S-NPP	75.73409	30.16364	14:06:00	D	3.80
1346	SAS NAGAR	DERABASSI	S-NPP	76.76156	30.53550	14:06:00	D	2.20
1347	SAS NAGAR	KHARAR	S-NPP	76.52283	30.66708	14:06:00	D	2.10
1348	SAS NAGAR	KHARAR	S-NPP	76.54002	30.74113	14:06:00	D	2.60
1349	SAS NAGAR	KHARAR	S-NPP	76.60224	30.76198	14:06:00	D	1.50
1350	SAS NAGAR	KHARAR	S-NPP	76.62928	30.77490	14:06:00	D	1.40



1351	TARN TARAN	KHADOOR SAHIB	S-NPP	74.96397	31.18653	14:06:00	D	8.90
1352	TARN TARAN	KHADOOR SAHIB	S-NPP	74.97377	31.20334	14:06:00	D	9.30
1353	TARN TARAN	KHADOOR SAHIB	S-NPP	74.97484	31.20745	14:06:00	D	3.80
1354	TARN TARAN	KHADOOR SAHIB	S-NPP	74.94801	31.26123	14:06:00	D	5.00
1355	TARN TARAN	KHADOOR SAHIB	AQUA	75.01400	31.26500	14:15:00	D	20.90
1356	TARN TARAN	KHADOOR SAHIB	S-NPP	75.02559	31.27259	14:06:00	D	7.60
1357	TARN TARAN	KHADOOR SAHIB	S-NPP	75.00545	31.27596	14:06:00	D	15.70
1358	TARN TARAN	KHADOOR SAHIB	S-NPP	74.90022	31.28219	14:06:00	D	5.80
1359	TARN TARAN	KHADOOR SAHIB	S-NPP	74.90755	31.29323	12:30:00	D	6.90
1360	TARN TARAN	KHADOOR SAHIB	S-NPP	75.07621	31.29686	14:06:00	D	4.10
1361	TARN TARAN	KHADOOR SAHIB	AQUA	75.08700	31.31800	14:15:00	D	51.70
1362	TARN TARAN	KHADOOR SAHIB	S-NPP	74.97903	31.31936	14:06:00	D	4.60
1363	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04508	31.31950	14:06:00	D	7.50
1364	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04716	31.31959	14:06:00	D	10.60
1365	TARN TARAN	KHADOOR SAHIB	S-NPP	75.05167	31.32001	14:06:00	D	7.50
1366	TARN TARAN	KHADOOR SAHIB	S-NPP	75.09809	31.32361	14:06:00	D	13.80
1367	TARN TARAN	KHADOOR SAHIB	S-NPP	75.10008	31.32405	14:06:00	D	23.10
1368	TARN TARAN	KHADOOR SAHIB	S-NPP	75.10474	31.32413	14:06:00	D	13.80
1369	TARN TARAN	KHADOOR SAHIB	S-NPP	75.10671	31.32461	14:06:00	D	15.20
1370	TARN TARAN	KHADOOR SAHIB	S-NPP	74.90508	31.33845	14:06:00	D	7.70
1371	TARN TARAN	KHADOOR SAHIB	S-NPP	74.98347	31.33974	14:06:00	D	5.10
1372	TARN TARAN	KHADOOR SAHIB	S-NPP	74.95426	31.36741	14:06:00	D	11.80
1373	TARN TARAN	KHADOOR SAHIB	S-NPP	74.93218	31.39058	14:06:00	D	7.70
1374	TARN TARAN	KHADOOR SAHIB	S-NPP	74.87733	31.40245	14:06:00	D	4.70
1375	TARN TARAN	KHADOOR SAHIB	S-NPP	75.15353	31.42373	14:06:00	D	6.60
1376	TARN TARAN	KHADOOR SAHIB	S-NPP	75.15467	31.42414	14:06:00	D	5.10
1377	TARN TARAN	KHADOOR SAHIB	S-NPP	74.88709	31.43312	14:06:00	D	8.30
1378	TARN TARAN	KHADOOR SAHIB	S-NPP	74.78338	31.43471	14:06:00	D	5.50
1379	TARN TARAN	KHADOOR SAHIB	S-NPP	75.26804	31.48847	14:06:00	D	2.90
1380	TARN TARAN	KHADOOR SAHIB	S-NPP	75.15350	31.48958	14:06:00	D	3.50
1381	TARN TARAN	KHADOOR SAHIB	S-NPP	75.01068	31.50824	14:06:00	D	7.40
1382	TARN TARAN	KHADOOR SAHIB	S-NPP	75.00798	31.51307	14:06:00	D	8.10
1383	TARN TARAN	KHADOOR SAHIB	S-NPP	75.01017	31.51323	14:06:00	D	7.40

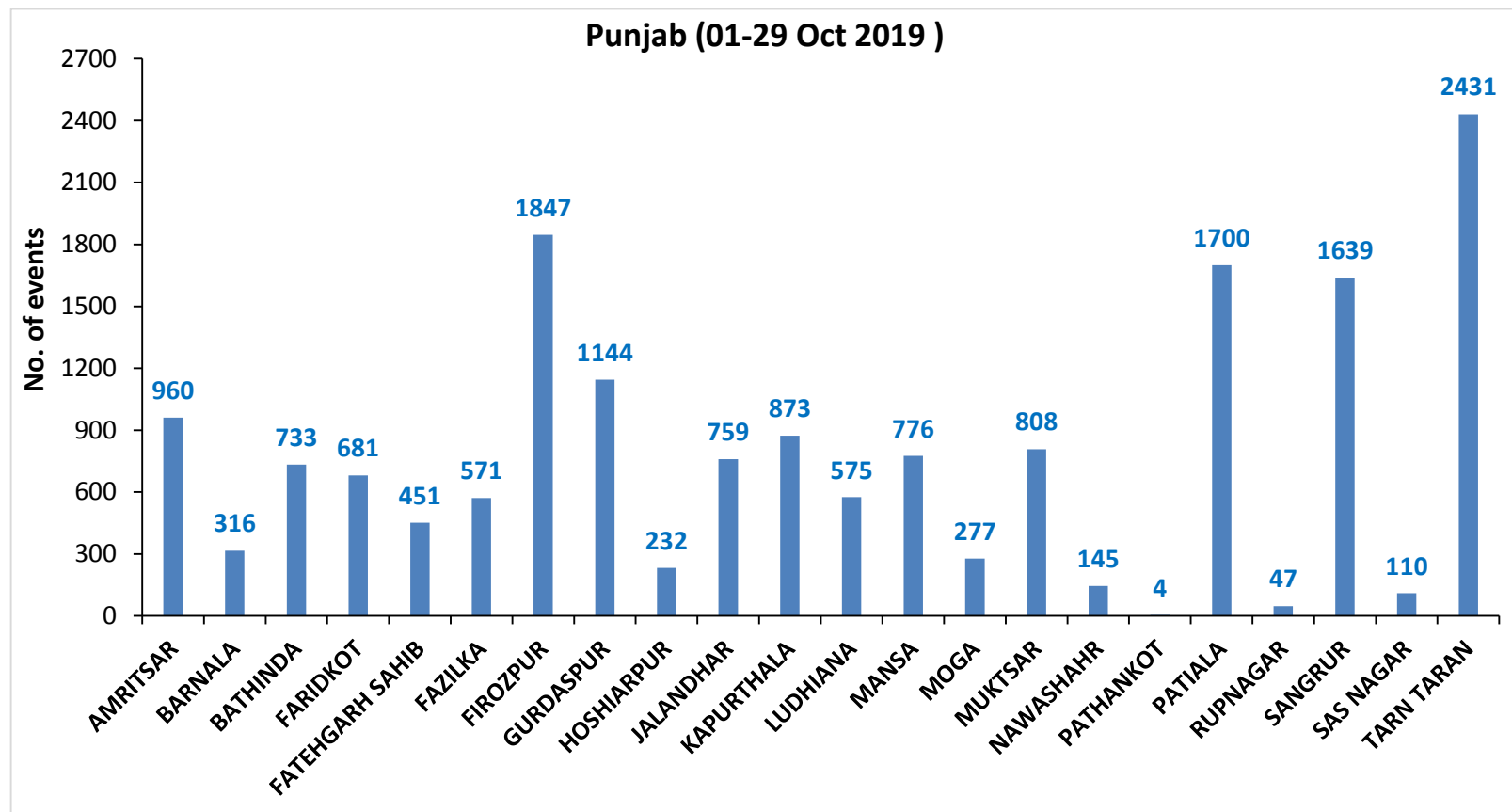
1384	TARN TARAN	KHADOOR SAHIB	S-NPP	74.64386	31.52403	14:06:00	D	7.30
1385	TARN TARAN	PATTI	AQUA	74.57100	31.09000	14:15:00	D	57.90
1386	TARN TARAN	PATTI	S-NPP	74.59337	31.09133	14:06:00	D	67.10
1387	TARN TARAN	PATTI	S-NPP	74.59283	31.09616	14:06:00	D	6.30
1388	TARN TARAN	PATTI	S-NPP	74.59068	31.09633	12:30:00	D	5.50
1389	TARN TARAN	PATTI	TERRA	74.60700	31.09700	11:05:00	D	19.90
1390	TARN TARAN	PATTI	S-NPP	74.59252	31.10072	12:30:00	D	12.80
1391	TARN TARAN	PATTI	S-NPP	74.58797	31.10322	12:30:00	D	5.30
1392	TARN TARAN	PATTI	AQUA	74.59400	31.10600	14:15:00	D	36.30
1393	TARN TARAN	PATTI	S-NPP	74.60403	31.10687	14:06:00	D	13.60
1394	TARN TARAN	PATTI	S-NPP	74.57170	31.11878	14:06:00	D	5.10
1395	TARN TARAN	PATTI	S-NPP	74.54015	31.12582	14:06:00	D	20.40
1396	TARN TARAN	PATTI	S-NPP	74.57063	31.12844	14:06:00	D	3.30
1397	TARN TARAN	PATTI	TERRA	74.51900	31.13600	11:05:00	D	8.50
1398	TARN TARAN	PATTI	S-NPP	74.59406	31.14021	14:06:00	D	16.30
1399	TARN TARAN	PATTI	S-NPP	74.53138	31.14402	12:30:00	D	5.90
1400	TARN TARAN	PATTI	S-NPP	74.75655	31.14424	14:06:00	D	5.50
1401	TARN TARAN	PATTI	S-NPP	74.64333	31.14445	14:06:00	D	2.30
1402	TARN TARAN	PATTI	S-NPP	74.59353	31.14505	14:06:00	D	7.10
1403	TARN TARAN	PATTI	S-NPP	74.53803	31.14511	14:06:00	D	8.60
1404	TARN TARAN	PATTI	AQUA	74.53400	31.14900	14:15:00	D	37.10
1405	TARN TARAN	PATTI	S-NPP	74.64278	31.14930	14:06:00	D	4.20
1406	TARN TARAN	PATTI	S-NPP	74.60529	31.15095	14:06:00	D	3.40
1407	TARN TARAN	PATTI	S-NPP	74.61758	31.15202	14:06:00	D	4.20
1408	TARN TARAN	PATTI	S-NPP	74.74921	31.15348	14:06:00	D	5.70
1409	TARN TARAN	PATTI	S-NPP	74.67333	31.15683	14:06:00	D	7.40
1410	TARN TARAN	PATTI	S-NPP	74.86988	31.15871	14:06:00	D	14.50
1411	TARN TARAN	PATTI	S-NPP	74.69818	31.15897	14:06:00	D	5.90
1412	TARN TARAN	PATTI	S-NPP	74.68522	31.16277	14:06:00	D	9.50
1413	TARN TARAN	PATTI	S-NPP	74.88212	31.16471	14:06:00	D	7.00
1414	TARN TARAN	PATTI	AQUA	74.73800	31.16600	14:15:00	D	70.20
1415	TARN TARAN	PATTI	S-NPP	74.84973	31.16695	14:06:00	D	15.10
1416	TARN TARAN	PATTI	S-NPP	74.73511	31.16706	14:06:00	D	7.10

1417	TARN TARAN	PATTI	S-NPP	74.74136	31.16760	14:06:00	D	33.20
1418	TARN TARAN	PATTI	AQUA	74.76400	31.16800	14:15:00	D	34.60
1419	TARN TARAN	PATTI	S-NPP	74.88160	31.16963	14:06:00	D	4.70
1420	TARN TARAN	PATTI	S-NPP	74.56417	31.17058	14:06:00	D	3.80
1421	TARN TARAN	PATTI	S-NPP	74.90720	31.17179	14:06:00	D	14.60
1422	TARN TARAN	PATTI	S-NPP	74.56590	31.17192	14:06:00	D	10.70
1423	TARN TARAN	PATTI	S-NPP	74.73457	31.17195	14:06:00	D	7.10
1424	TARN TARAN	PATTI	S-NPP	74.60033	31.17224	12:30:00	D	4.70
1425	TARN TARAN	PATTI	S-NPP	74.62781	31.17249	14:06:00	D	3.30
1426	TARN TARAN	PATTI	S-NPP	74.74084	31.17249	14:06:00	D	33.20
1427	TARN TARAN	PATTI	S-NPP	74.69038	31.17304	14:06:00	D	4.90
1428	TARN TARAN	PATTI	S-NPP	74.87467	31.17402	14:06:00	D	9.60
1429	TARN TARAN	PATTI	S-NPP	74.73889	31.17486	14:06:00	D	3.80
1430	TARN TARAN	PATTI	S-NPP	74.62566	31.17558	14:06:00	D	7.70
1431	TARN TARAN	PATTI	S-NPP	74.68932	31.18278	14:06:00	D	4.30
1432	TARN TARAN	PATTI	S-NPP	74.73920	31.18714	14:06:00	D	6.70
1433	TARN TARAN	PATTI	S-NPP	74.62571	31.19189	14:06:00	D	7.50
1434	TARN TARAN	PATTI	S-NPP	74.63187	31.19244	14:06:00	D	7.50
1435	TARN TARAN	PATTI	S-NPP	74.62970	31.19550	14:06:00	D	12.20
1436	TARN TARAN	PATTI	S-NPP	74.83199	31.20291	12:30:00	D	3.90
1437	TARN TARAN	PATTI	AQUA	74.77800	31.20500	14:15:00	D	25.60
1438	TARN TARAN	PATTI	AQUA	74.80500	31.20700	14:15:00	D	42.00
1439	TARN TARAN	PATTI	S-NPP	74.61574	31.20903	14:06:00	D	5.10
1440	TARN TARAN	PATTI	S-NPP	74.80492	31.20979	14:06:00	D	11.10
1441	TARN TARAN	PATTI	AQUA	74.60400	31.21000	14:15:00	D	18.60
1442	TARN TARAN	PATTI	AQUA	74.78600	31.21100	14:15:00	D	39.30
1443	TARN TARAN	PATTI	S-NPP	74.64048	31.21108	14:06:00	D	5.50
1444	TARN TARAN	PATTI	S-NPP	74.55324	31.21356	14:06:00	D	4.40
1445	TARN TARAN	PATTI	S-NPP	74.55219	31.22322	14:06:00	D	4.10
1446	TARN TARAN	PATTI	S-NPP	74.55830	31.22374	14:06:00	D	4.10
1447	TARN TARAN	PATTI	S-NPP	74.60127	31.22738	14:06:00	D	4.10
1448	TARN TARAN	PATTI	TERRA	74.77900	31.22900	11:05:00	D	9.00
1449	TARN TARAN	PATTI	S-NPP	74.66936	31.23312	14:06:00	D	17.70

1450	TARN TARAN	PATTI	AQUA	74.67000	31.23800	14:15:00	D	46.00
1451	TARN TARAN	PATTI	S-NPP	74.91138	31.23828	14:06:00	D	7.40
1452	TARN TARAN	PATTI	S-NPP	74.66830	31.24285	14:06:00	D	6.00
1453	TARN TARAN	PATTI	S-NPP	74.91086	31.24322	14:06:00	D	7.40
1454	TARN TARAN	PATTI	S-NPP	74.77537	31.24693	14:06:00	D	7.30
1455	TARN TARAN	PATTI	S-NPP	74.75593	31.25024	14:06:00	D	7.60
1456	TARN TARAN	PATTI	AQUA	74.54000	31.25500	14:15:00	D	19.40
1457	TARN TARAN	PATTI	S-NPP	74.63757	31.25548	12:30:00	D	4.90
1458	TARN TARAN	PATTI	AQUA	74.74600	31.25800	14:15:00	D	32.10
1459	TARN TARAN	PATTI	S-NPP	74.53571	31.26081	14:06:00	D	13.10
1460	TARN TARAN	PATTI	S-NPP	74.74178	31.26385	14:06:00	D	4.60
1461	TARN TARAN	PATTI	S-NPP	74.53294	31.26403	14:06:00	D	5.70
1462	TARN TARAN	PATTI	S-NPP	74.53907	31.26452	14:06:00	D	12.30
1463	TARN TARAN	PATTI	S-NPP	74.86972	31.26471	14:06:00	D	13.90
1464	TARN TARAN	PATTI	S-NPP	74.81178	31.26483	14:06:00	D	8.80
1465	TARN TARAN	PATTI	S-NPP	74.65944	31.26665	14:06:00	D	5.40
1466	TARN TARAN	PATTI	S-NPP	74.67810	31.26826	14:06:00	D	5.70
1467	TARN TARAN	PATTI	S-NPP	74.57193	31.26885	14:06:00	D	5.20
1468	TARN TARAN	PATTI	S-NPP	74.59438	31.26899	14:06:00	D	3.60
1469	TARN TARAN	PATTI	S-NPP	74.87562	31.27018	14:06:00	D	9.20
1470	TARN TARAN	PATTI	S-NPP	74.56920	31.27184	14:06:00	D	3.50
1471	TARN TARAN	PATTI	S-NPP	74.62476	31.27633	14:06:00	D	5.60
1472	TARN TARAN	PATTI	S-NPP	74.81657	31.28010	14:06:00	D	3.60
1473	TARN TARAN	PATTI	S-NPP	74.58931	31.28015	14:06:00	D	7.60
1474	TARN TARAN	PATTI	S-NPP	74.58658	31.28302	14:06:00	D	6.40
1475	TARN TARAN	PATTI	S-NPP	74.75610	31.28683	14:06:00	D	7.10
1476	TARN TARAN	PATTI	S-NPP	74.63202	31.28880	14:06:00	D	4.30
1477	TARN TARAN	PATTI	S-NPP	74.75174	31.28939	14:06:00	D	6.90
1478	TARN TARAN	PATTI	S-NPP	74.74297	31.29072	14:06:00	D	3.80
1479	TARN TARAN	PATTI	S-NPP	74.63554	31.29190	14:06:00	D	3.80
1480	TARN TARAN	PATTI	AQUA	74.81700	31.29700	14:15:00	D	30.20
1481	TARN TARAN	PATTI	S-NPP	74.58458	31.30096	12:30:00	D	7.70
1482	TARN TARAN	PATTI	S-NPP	74.64012	31.30699	14:06:00	D	12.50

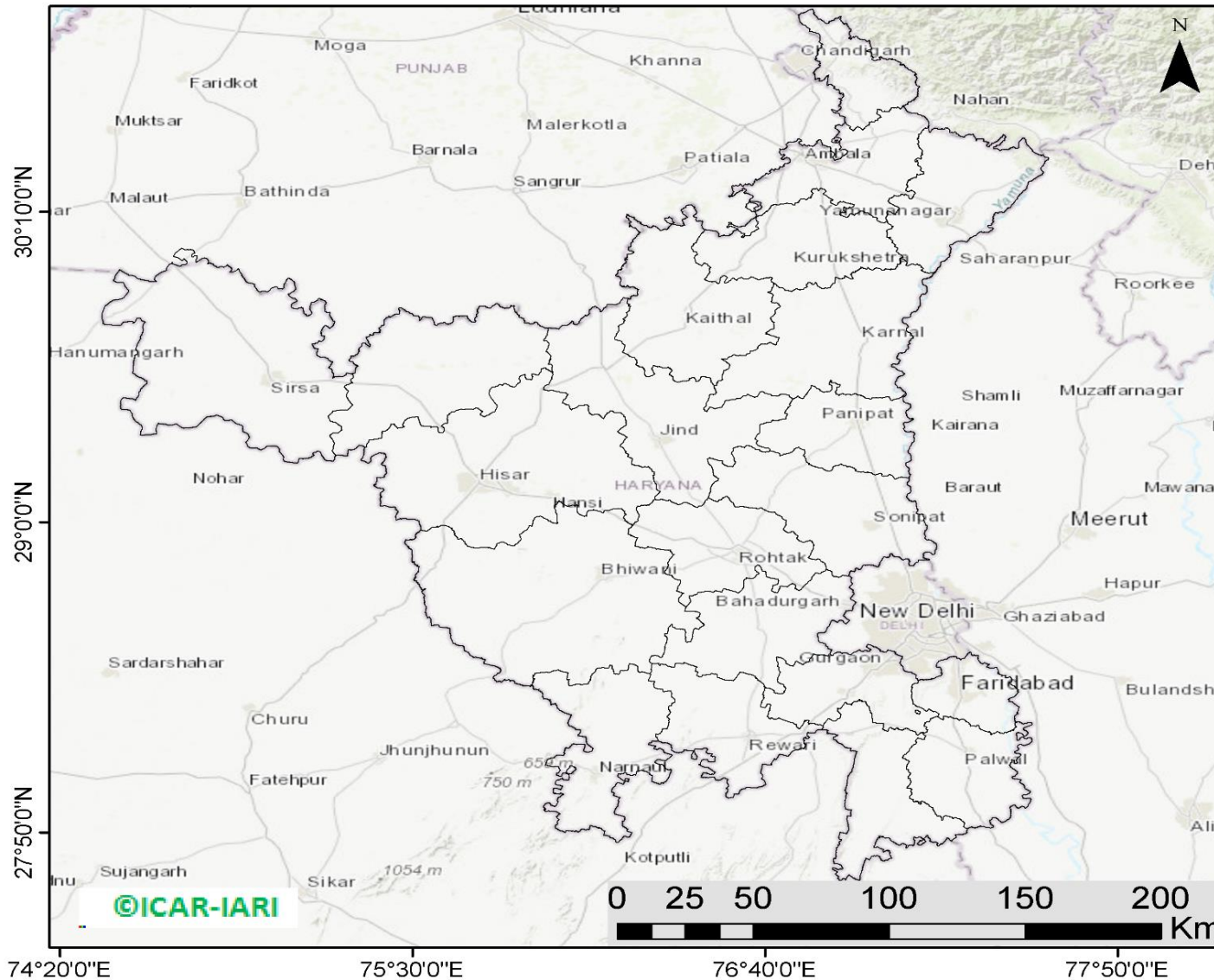
1483	TARN TARAN	PATTI	S-NPP	74.58389	31.30725	14:06:00	D	6.90
1484	TARN TARAN	PATTI	AQUA	74.68900	31.30800	14:15:00	D	18.70
1485	TARN TARAN	PATTI	S-NPP	74.54034	31.30851	14:06:00	D	14.70
1486	TARN TARAN	PATTI	S-NPP	74.89485	31.31272	14:06:00	D	5.50
1487	TARN TARAN	PATTI	AQUA	74.68300	31.31500	14:15:00	D	23.60
1488	TARN TARAN	PATTI	S-NPP	74.87499	31.31612	14:06:00	D	5.30
1489	TARN TARAN	PATTI	S-NPP	74.88787	31.31714	14:06:00	D	5.50
1490	TARN TARAN	PATTI	S-NPP	74.73347	31.31956	14:06:00	D	4.40
1491	TARN TARAN	PATTI	S-NPP	74.87681	31.32004	14:06:00	D	12.40
1492	TARN TARAN	PATTI	S-NPP	74.87447	31.32104	14:06:00	D	9.40
1493	TARN TARAN	PATTI	S-NPP	74.79039	31.32419	14:06:00	D	3.90
1494	TARN TARAN	PATTI	S-NPP	74.90561	31.33350	14:06:00	D	7.70
1495	TARN TARAN	PATTI	AQUA	74.76000	31.33400	14:15:00	D	19.70
1496	TARN TARAN	PATTI	S-NPP	74.75714	31.33631	14:06:00	D	11.30
1497	TARN TARAN	PATTI	S-NPP	74.69994	31.33652	14:06:00	D	3.70
1498	TARN TARAN	PATTI	S-NPP	74.76925	31.34226	14:06:00	D	6.80
1499	TARN TARAN	PATTI	S-NPP	74.66652	31.35340	14:06:00	D	5.30
1500	TARN TARAN	PATTI	S-NPP	74.74027	31.37443	14:06:00	D	12.60
1501	TARN TARAN	PATTI	S-NPP	74.69063	31.40743	14:06:00	D	11.60
1502	TARN TARAN	PATTI	S-NPP	74.69204	31.40974	14:06:00	D	7.70
1503	TARN TARAN	PATTI	S-NPP	74.72841	31.41048	14:06:00	D	5.50
1504	TARN TARAN	PATTI	S-NPP	74.72976	31.41304	14:06:00	D	4.60

**District-wise cumulative number of residue burning events in Punjab (01 to 29-Oct 2019)**



(b) Haryana

**RICE RESIDUE BURNING IN HARYANA**



**00** burning events  
detected in Haryana on  
**29th October 2019**

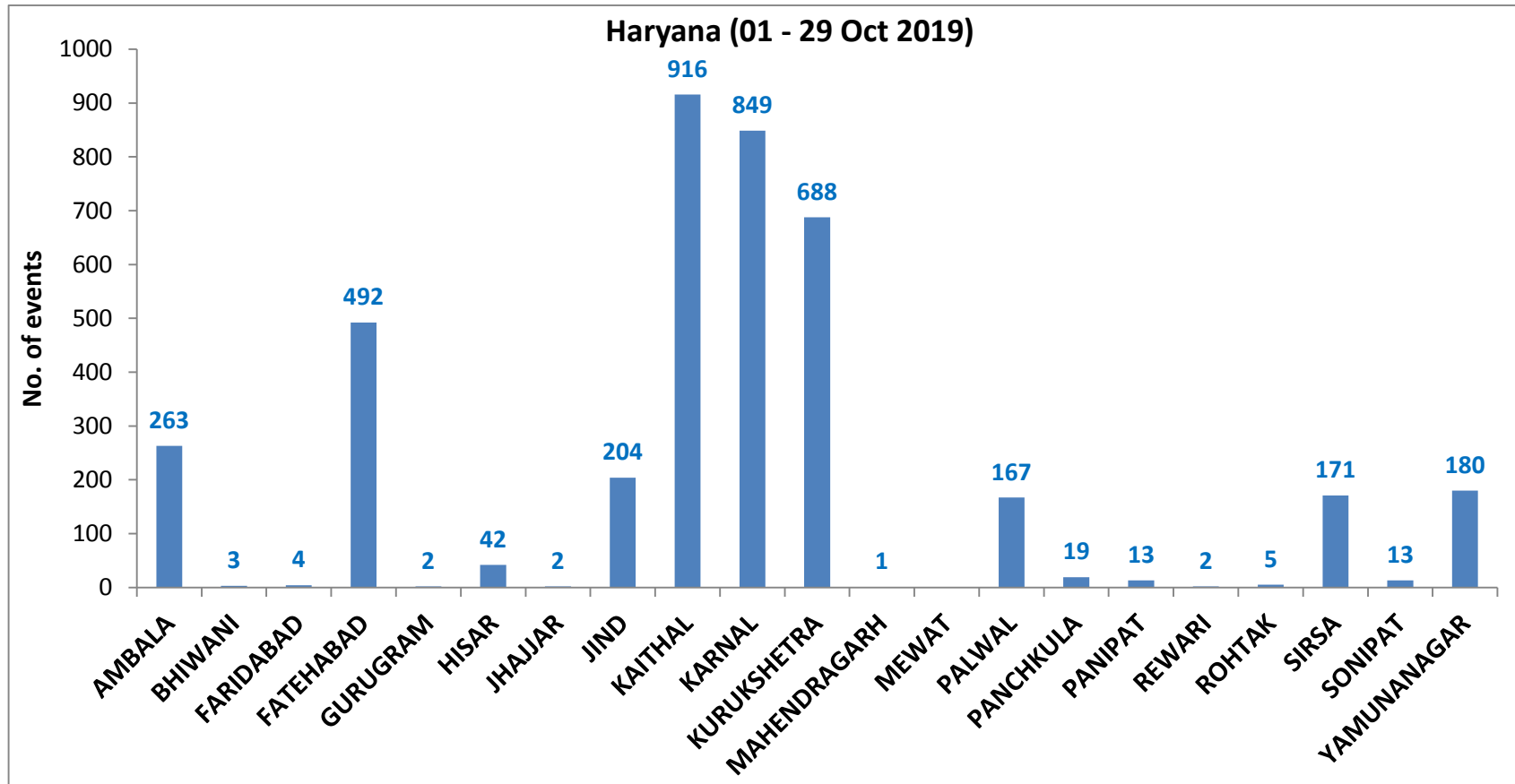
**Fire Intensity (W/m<sup>2</sup>)**

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



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

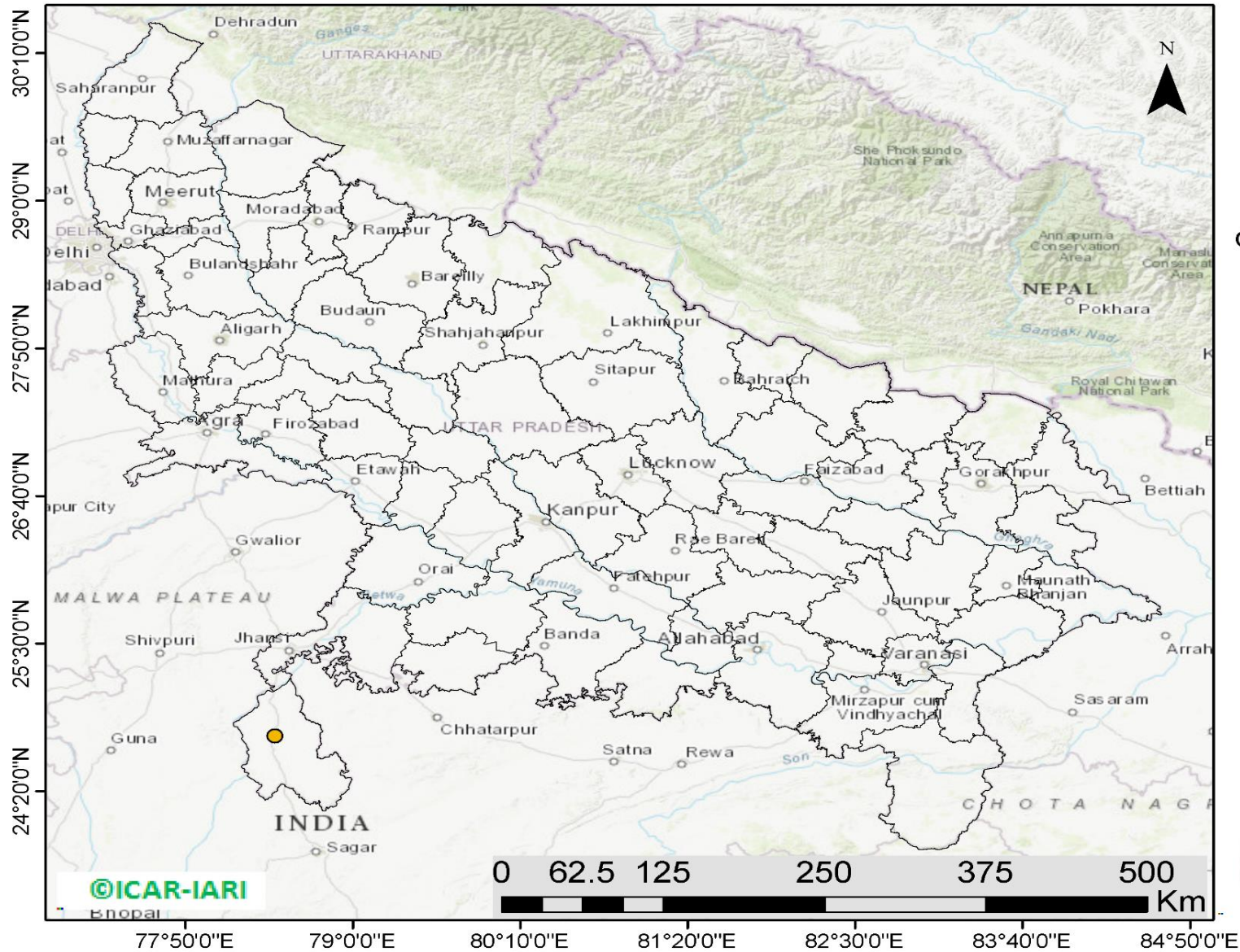
**District-wise cumulative number of residue burning events in Haryana (01 to 29-Oct 2019)**





(c) UP

### RICE RESIDUE BURNING IN UTTAR PRADESH



**01** burning events detected in Uttar Pradesh on **29th October 2019**

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

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

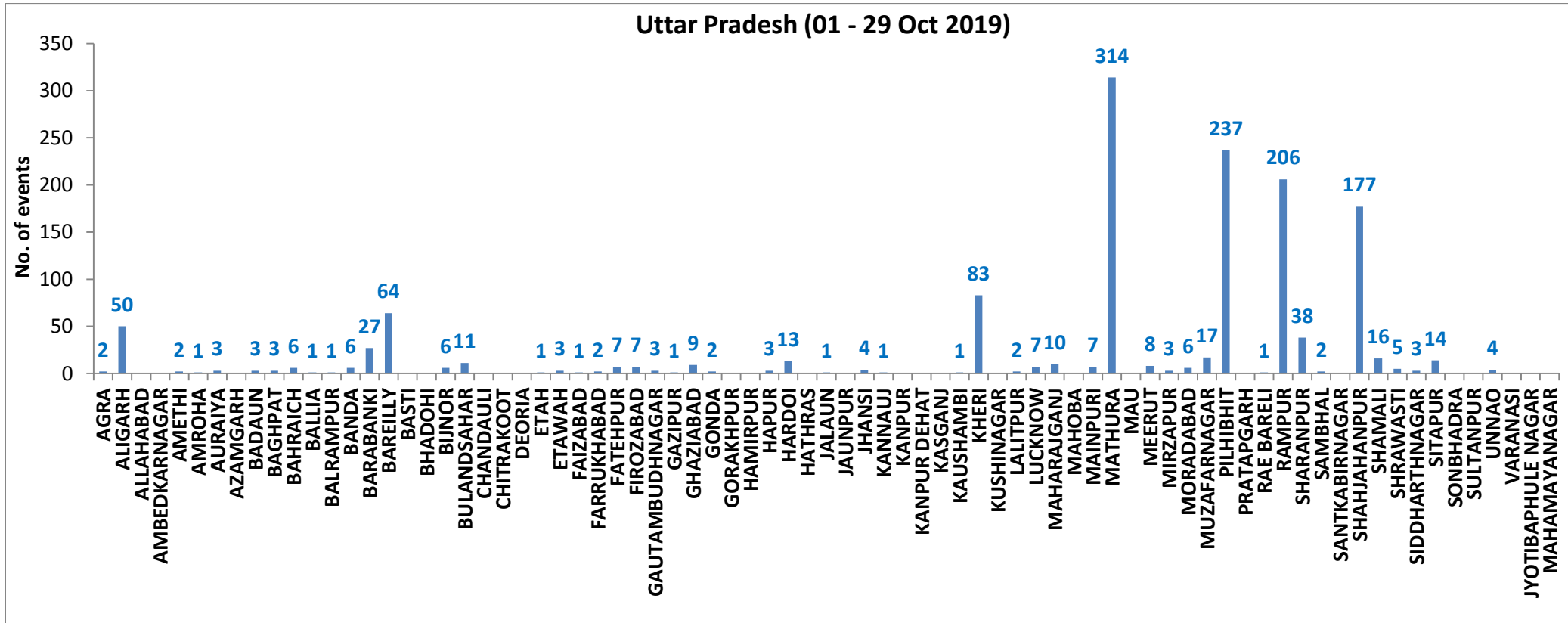


<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

### Details of residue burning events in Uttar Pradesh on 29-Oct-2019

S. No.	District	Tehsil / Block	Satellite	Longitude	Latitude	Time (IST)	Day / Night	Fire Power (W/m <sup>2</sup> )
1	LALITPUR	LALITPUR	TERRA	78.45600	24.76900	11:05:00	D	7.20

### District-wise cumulative number of residue burning events in Uttar Pradesh (01 to 29-Oct 2019)



**State-wise, date-wise and district-wise number of residue burning events detected in 2016, 2017, 2018 and 2019**  
**(Period: 01-Oct to 29-Oct)**

Date	Punjab				Haryana				UP				Total			
	2019	2018	2017	2016	2019	2018	2017	2016	2019	2018	2017	2016	2019	2018	2017	2016
01-Oct	3	16	54	109	1	9	13	46	1	11	2	23	5	36	69	178
02-Oct	20	9	50	51	2	23	27	16	0	21	8	20	23	53	85	87
03-Oct	37	4	62	66	16	9	40	16	3	12	17	16	56	25	119	98
04-Oct	3	32	103	37	30	16	60	7	4	5	22	15	37	53	185	59
05-Oct	16	56	106	95	37	30	68	15	11	10	20	14	64	96	194	124
06-Oct	0	87	138	152	22	63	75	105	8	13	39	6	30	163	252	263
07-Oct	27	162	105	171	16	180	97	126	4	69	33	24	47	411	235	321
08-Oct	59	39	215	166	69	40	218	94	18	54	76	14	146	133	509	274
09-Oct	93	75	163	270	70	47	148	121	17	32	88	22	180	154	399	413
10-Oct	172	23	164	597	157	37	151	242	53	21	126	74	382	81	441	913
11-Oct	78	30	177	652	126	78	87	336	38	24	74	128	242	131	338	1116
12-Oct	99	67	342	694	154	133	123	338	42	22	51	164	295	222	516	1196
13-Oct	108	62	470	467	159	147	207	284	33	61	69	102	300	270	746	853
14-Oct	141	112	582	812	133	153	333	328	39	57	137	60	313	322	1052	1200
15-Oct	262	90	943	1215	203	110	458	248	63	35	237	76	528	235	1638	1539
16-Oct	168	174	465	1478	148	138	186	385	77	20	71	125	393	332	722	1988
17-Oct	250	272	807	2173	152	268	244	399	53	94	69	261	455	634	1120	2833
18-Oct	100	263	970	1065	103	255	306	270	39	163	108	204	242	681	1384	1539
19-Oct	529	254	1591	1762	220	208	541	276	3	108	128	132	752	570	2260	2170
20-Oct	490	496	2653	1175	360	141	597	188	62	49	255	62	912	686	3505	1425
21-Oct	852	618	1139	1726	339	217	233	257	185	66	168	152	1376	901	1540	2135
22-Oct	555	656	1356	2837	158	134	186	309	78	149	151	194	791	939	1693	3340
23-Oct	827	1113	994	2040	131	232	155	313	48	193	72	331	1006	1538	1221	2684
24-Oct	1220	844	1714	1836	165	166	244	221	79	192	171	152	1464	1202	2129	2209
25-Oct	1463	1247	2104	1813	212	182	303	229	67	142	175	83	1742	1571	2582	2125
26-Oct	2861	1173	1715	3390	366	132	276	434	189	33	240	195	3416	1338	2231	4019
27-Oct	2135	2040	2069	2904	249	252	224	417	145	154	145	255	2529	2446	2438	3576
28-Oct	3007	2864	2318	3493	238	330	292	458	45	290	99	435	3290	3484	2709	4386
29-Oct	1504	1321	4184	2258	0	124	502	278	1	243	180	237	1505	1688	4866	2773
<b>Total</b>	<b>17079</b>	<b>14199</b>	<b>27753</b>	<b>35504</b>	<b>4036</b>	<b>3854</b>	<b>6394</b>	<b>6756</b>	<b>1405</b>	<b>2343</b>	<b>3031</b>	<b>3576</b>	<b>22520</b>	<b>20396</b>	<b>37178</b>	<b>45836</b>

**(a) Punjab**

Districts	01-29 Oct			
	2016	2017	2018	2019
AMRITSAR	1322	1039	915	960
BARNALA	644	536	207	316
BATHINDA	2616	2306	999	733
FARIDKOT	1944	1920	671	681
FATEHGARH SAHIB	1864	1069	394	451
FAZILKA	0	0	0	571
FIROZPUR	3612	3651	2218	1847
GURDASPUR	1504	994	673	1144
HOSHIARPUR	523	308	58	232
JALANDHAR	2268	1124	401	759
KAPURTHALA	2062	956	273	873
LUDHIANA	2163	1548	347	575
MANSA	1116	1392	827	776
MOGA	950	612	272	277
MUKTSAR	2944	2110	1177	808
NAWASHAHR (SBS Nagar)	818	452	136	145
PATHANKOT	0	0	0	4
PATIALA	3375	2811	1693	1700
RUPNAGAR	490	159	29	47
SANGRUR	2435	2307	1113	1639
SAS NAGAR	112	102	94	110
TARN TARAN	2742	2357	1702	2431
<b>Total</b>	<b>35504</b>	<b>27753</b>	<b>14199</b>	<b>17079</b>

**(b) Haryana**

Districts	01-29 Oct			
	2016	2017	2018	2019
AMBALA	478	417	226	263
BHIWANI	11	8	5	3
FARIDABAD	114	210	147	4
FATEHABAD	983	1005	518	492
GURUGRAM	0	0	0	2
HISAR	87	65	44	42
JHAJJAR	5	5	7	2
JIND	342	359	237	204
KAITHAL	1532	1239	938	916
KARNAL	1400	1334	686	849
KURUKSHETRA	1019	1095	639	688
MAHENDRAGARH	0	0	0	1
MEWAT	0	0	0	0
PALWAL	0	0	0	167
PANCHKULA	0	0	3	19
PANIPAT	46	48	38	13
REWARI	0	0	0	2
ROHTAK	15	7	1	5
SIRSA	510	331	217	171
SONIPAT	22	29	18	13
YAMUNANAGAR	192	242	130	180
<b>Total</b>	<b>6756</b>	<b>6394</b>	<b>3854</b>	<b>4036</b>

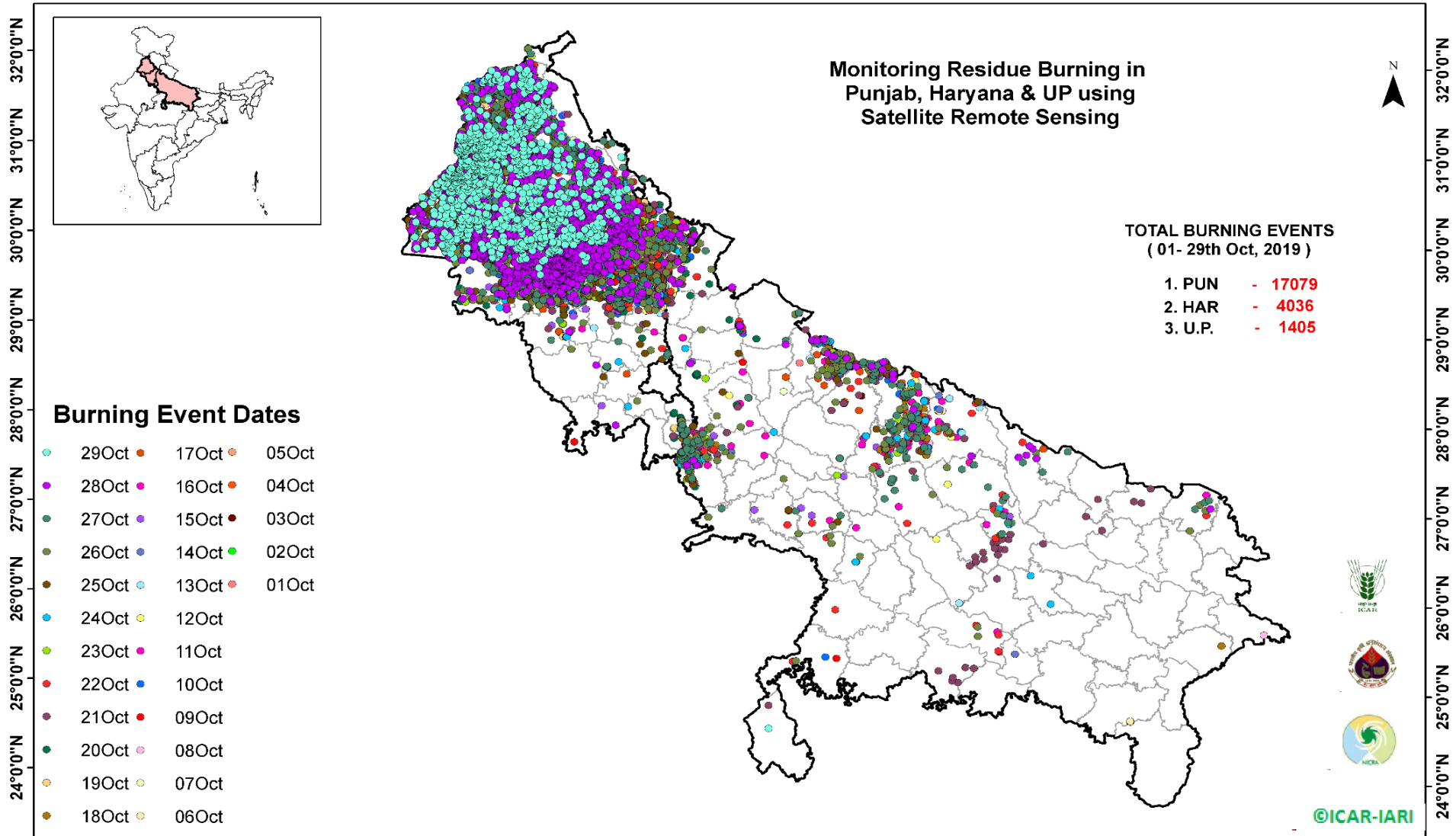
(c) Uttar Pradesh

Districts	01-29 Oct			
	2016	2017	2018	2019
AGRA	0	0	0	2
ALIGARH	28	46	46	50
ALLAHABAD	0	0	4	0
AMBEDKARNAGAR	6	6	2	0
AMETHI	0	0	0	2
AMROHA	0	0	0	1
AURAIYA	81	76	19	3
AZAMGARH	0	1	2	0
BADAUN	0	3	3	3
BAGHPAT	0	0	0	3
BAHRAICH	13	9	28	6
BALLIA	1	0	1	1
BALRAMPUR	2	3	5	1
BANDA	1	1	4	6
BARABANKI	117	63	113	27
BAREILLY	163	114	87	64
BASTI	5	7	3	0
BHADOHI	0	0	0	0
BIJNOR	16	7	5	6
BULANDSAHAR	6	9	10	11
CHANDAULI	2	0	0	0
CHITRAKOOT	0	0	0	0
DEORIA	5	3	4	0
ETAH	5	16	14	1
ETAWAH	10	16	9	3
FAIZABAD	1	2	3	1
FARRUKHABAD	0	0	0	2
FATEHPUR	19	9	24	7
FIROZABAD	8	4	5	7

GAUTAMBUDHNAGAR	6	11	7	3
GAZIPUR	5	0	0	1
GHAZIABAD	22	13	6	9
GONDA	4	5	3	2
GORAKHPUR	6	4	13	0
HAMIRPUR	0	0	1	0
HAPUR	0	0	0	3
HARDOI	93	58	44	13
HATHRAS	0	0	0	0
JALAUN	0	0	0	1
JAUNPUR	2	1	3	0
JHANSI	0	0	2	4
KANNAUJ	1	4	2	1
KANPUR	2	3	3	0
KANPUR DEHAT	1	8	2	0
KASGANJ	0	0	0	0
KAUSHAMBI	5	9	14	1
KHERI	254	158	127	83
KUSHINAGAR	2	1	4	0
LALITPUR	0	0	0	2
LUCKNOW	21	8	11	7
MAHARAJGANJ	19	66	114	10
MAHOBA	0	0	0	0
MAINPURI	9	20	17	7
MATHURA	427	521	721	314
MAU	2	0	2	0
MEERUT	29	18	6	8
MIRZAPUR	0	6	4	3
MORADABAD	23	16	9	6
MUZAFARNAGAR	73	70	22	17
PILHIBHIT	619	494	288	237
PRATAPGARH	1	1	4	0

RAE BARELI	8	3	8	1
RAMPUR	539	483	176	206
SHARANPUR	42	60	35	38
SAMBHAL	0	0	0	2
SANTKABIRNAGAR	8	3	2	0
SHAHJAHANPUR	759	544	218	177
SHAMALI	0	0	0	16
SHRAWASTI	6	7	11	5
SIDDHARTHANAGAR	8	3	29	3
SITAPUR	61	25	17	14
SONBHADRA	6	1	7	0
SULTANPUR	5	0	2	0
UNNAO	14	7	14	4
VARANASI	0	0	0	0
JYOTIBAPHULE NAGAR	5	3	2	0
MAHAMAYANAGAR	0	2	2	0
<b>Total</b>	<b>3576</b>	<b>3031</b>	<b>2343</b>	<b>1405</b>

## Map of Cumulative Burning Events (01 – 29 Oct 2019)



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

## 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 Geoportal website: <http://geoportal.icar.gov.in:8080/geoexplorer/composer/>  
(Part of KRISHI Portal: <https://krishi.icar.gov.in> initiative)

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