



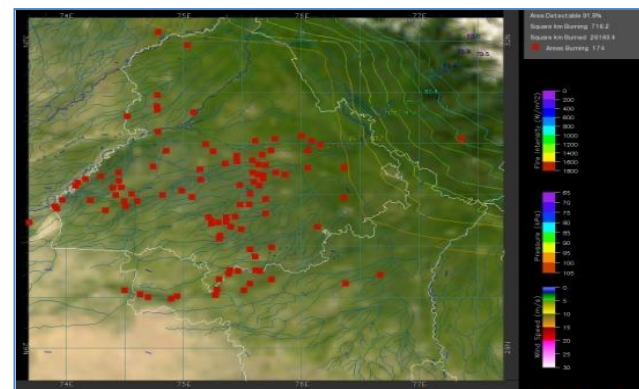
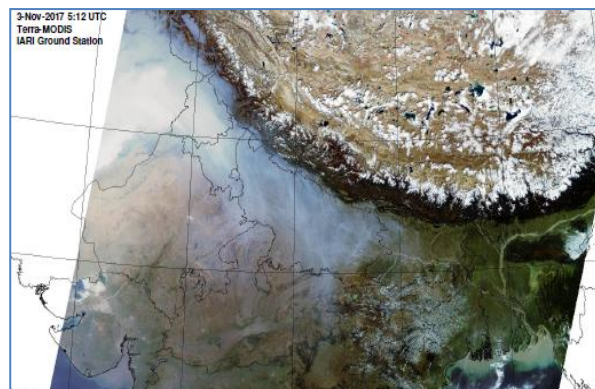
**Bulletin
No. 26**

**Events Date:
26-Oct-2018**

**Issued on:
27-Oct-2018**



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



Prepared by:

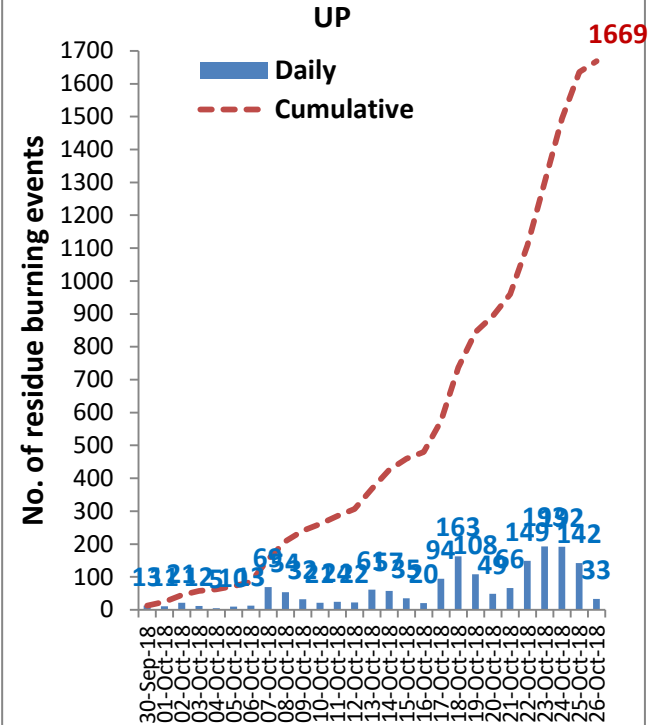
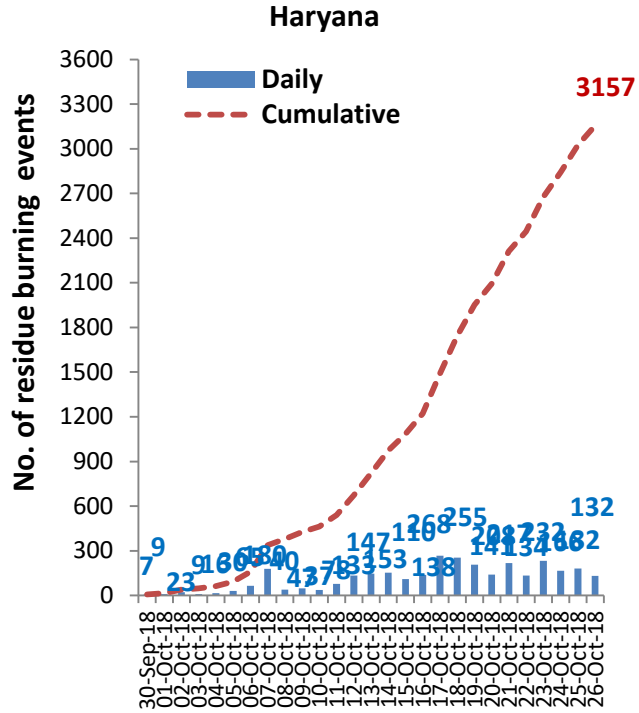
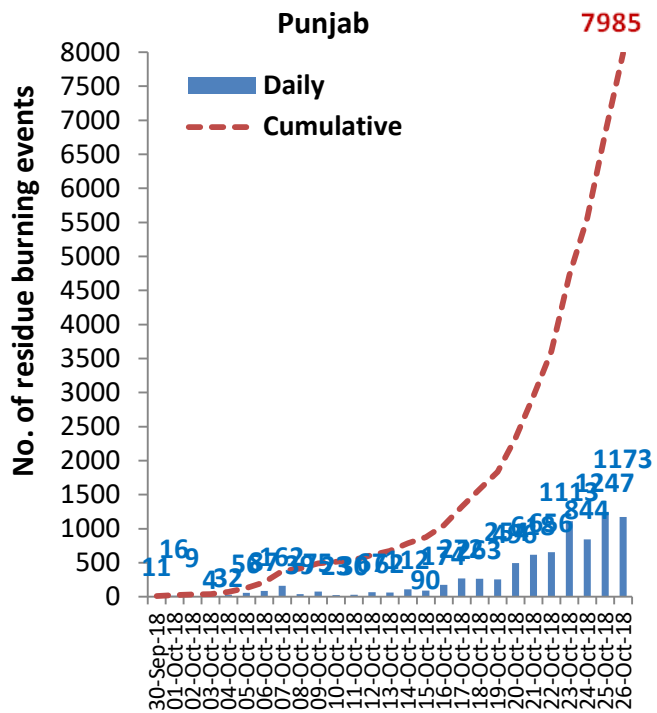
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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

Highlights for 26-October-2018

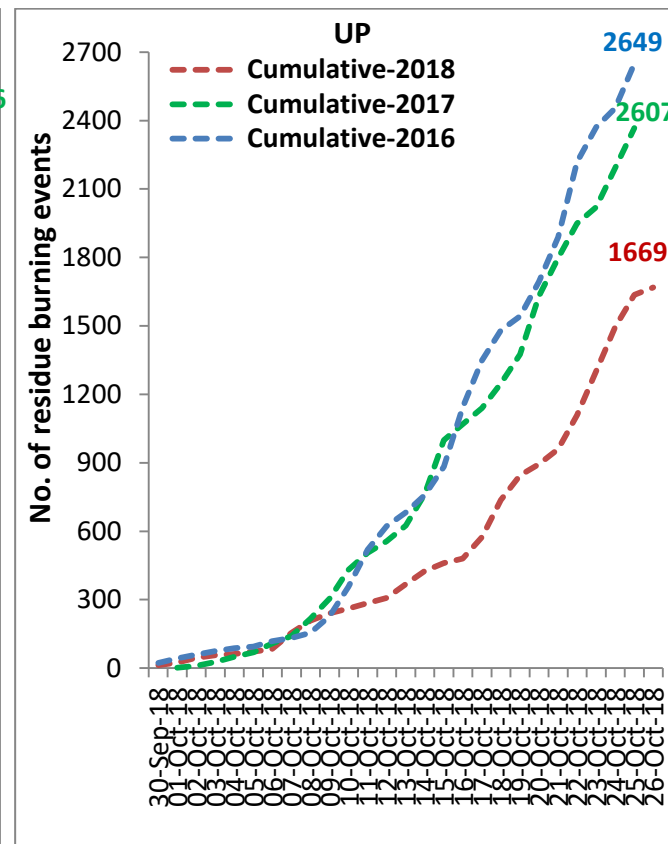
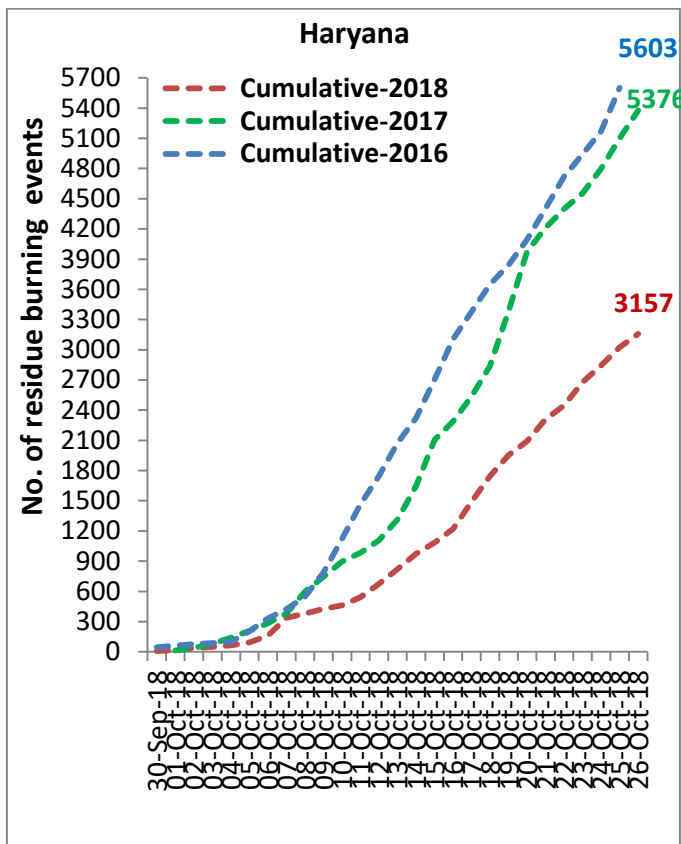
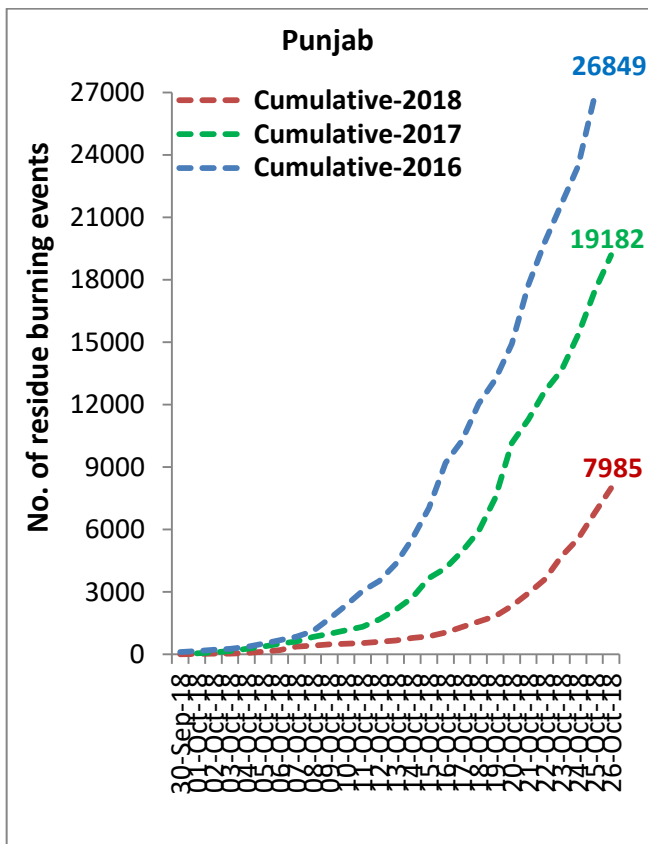
- **Satellites detected 1338 residue burning events in the three States (Punjab, Haryana & UP) on 26-Oct-2018.**
- **The burning events detected on 26-Oct-2018 are 1173, 132 and 33 in Punjab, Haryana, and UP, respectively.**
- **The number of events decreased from 1571 on 25-Oct-2018 to 1338 on 26-Oct-2018 in the three States.**
- **Total 12811 burning events were detected in the three States between 30-Sept-2018 and 26-Oct-2018, which were distributed as 7985, 3157 and 1669 in Punjab, Haryana and UP, respectively.**
- **Till 26-Oct-2018, the burning events in the current year are about 47.16% of the events detected in 2017 and about 36.49 %of the events in 2016.**

Temporal distribution of residue burning events for the three study States



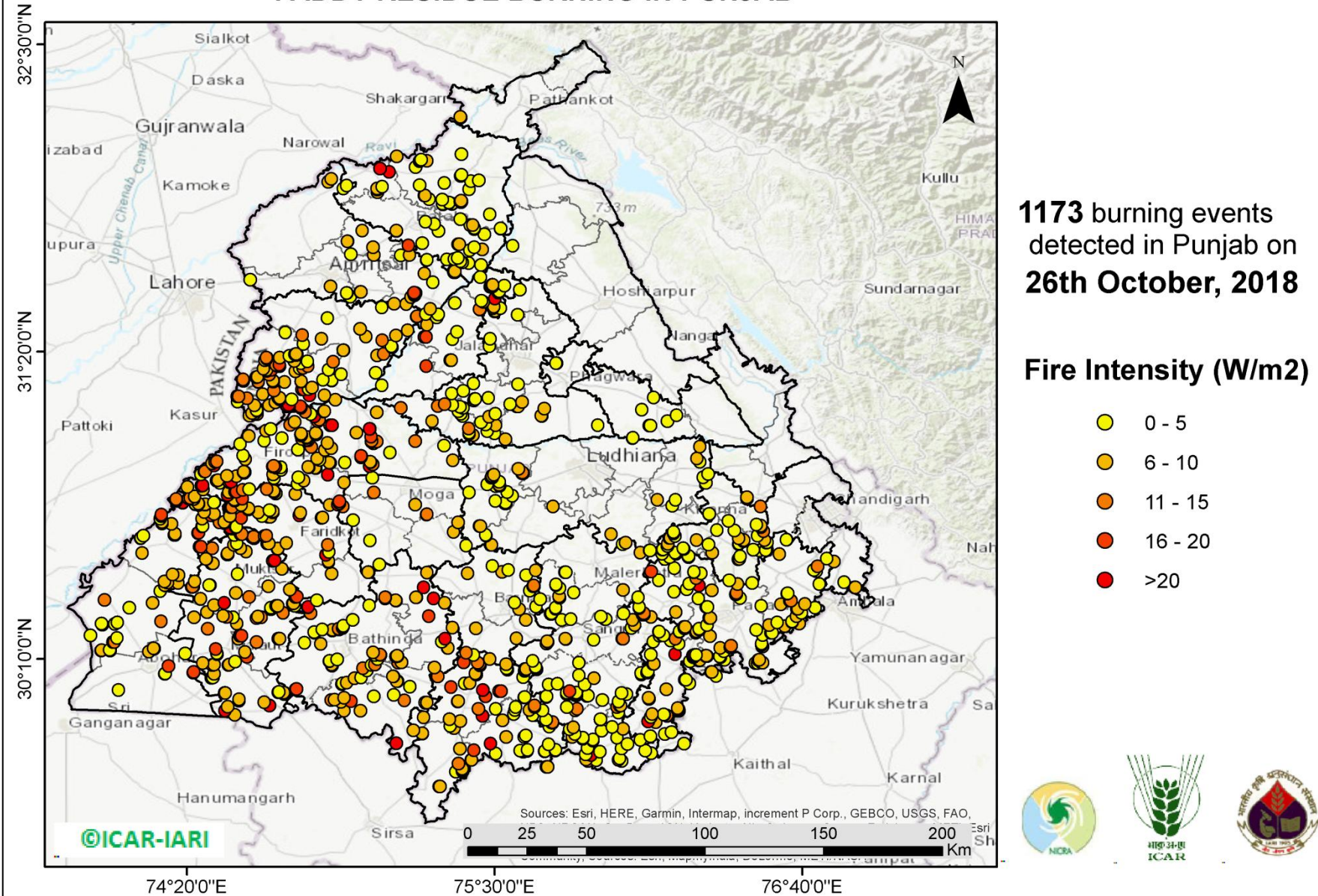
Comparison of residue burning events in current year (2018) with previous year (2017) for the three study States

(30-Sep-2018 to 26-Oct-2018)



(a) Punjab

PADDY RESIDUE BURNING IN PUNJAB



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

Details of residue burning events in Punjab on 26-Oct-2018

Event S.No.	District	Tehsil/Block	Satellite	Longitude	Latitude	Time (IST)	Day/Night	Fire Power (W/m²)
1	AMRITSAR	AJNALA	S-NPP	74.92627	31.95291	14:06:00	D	5.00
2	AMRITSAR	AJNALA	S-NPP	74.87051	31.97837	14:06:00	D	7.50
3	AMRITSAR	AJNALA	S-NPP	74.86825	31.97847	14:06:00	D	5.10
4	AMRITSAR	AJNALA	S-NPP	74.88034	31.98943	14:06:00	D	6.10
5	AMRITSAR	AMRITSAR I	S-NPP	74.94830	31.54189	14:06:00	D	3.00
6	AMRITSAR	AMRITSAR I	S-NPP	74.95264	31.54253	14:06:00	D	4.20
7	AMRITSAR	AMRITSAR I	S-NPP	74.99041	31.56050	14:06:00	D	4.20
8	AMRITSAR	AMRITSAR I	S-NPP	74.99259	31.56067	14:06:00	D	6.10
9	AMRITSAR	AMRITSAR I	S-NPP	75.04111	31.70050	14:06:00	D	7.40
10	AMRITSAR	AMRITSAR I	S-NPP	75.03799	31.73050	14:06:00	D	7.50
11	AMRITSAR	AMRITSAR I	S-NPP	74.94231	31.75285	14:06:00	D	4.50
12	AMRITSAR	AMRITSAR I	S-NPP	74.94186	31.75288	14:06:00	D	6.10
13	AMRITSAR	AMRITSAR I	S-NPP	74.99765	31.79237	14:06:00	D	5.90
14	AMRITSAR	AMRITSAR II	S-NPP	74.94022	31.55623	14:06:00	D	3.60
15	AMRITSAR	AMRITSAR II	S-NPP	74.93797	31.55641	14:06:00	D	2.70
16	AMRITSAR	AMRITSAR II	S-NPP	74.87630	31.58149	14:06:00	D	10.00
17	AMRITSAR	AMRITSAR II	S-NPP	74.57293	31.60572	14:06:00	D	2.40
18	AMRITSAR	AMRITSAR II	S-NPP	74.95407	31.70364	14:06:00	D	4.00
19	AMRITSAR	BABA BAKALA	S-NPP	75.11753	31.51552	14:06:00	D	5.90
20	AMRITSAR	BABA BAKALA	S-NPP	75.18257	31.54101	14:06:00	D	7.00
21	AMRITSAR	BABA BAKALA	S-NPP	75.19556	31.54714	14:06:00	D	5.90
22	AMRITSAR	BABA BAKALA	S-NPP	75.19505	31.55219	14:06:00	D	16.70
23	AMRITSAR	BABA BAKALA	S-NPP	75.19273	31.55575	14:06:00	D	12.20
24	AMRITSAR	BABA BAKALA	S-NPP	75.19950	31.55625	14:06:00	D	19.40
25	AMRITSAR	BABA BAKALA	S-NPP	75.19454	31.55722	14:06:00	D	16.70
26	AMRITSAR	BABA BAKALA	S-NPP	75.26560	31.59690	14:06:00	D	2.40
27	AMRITSAR	BABA BAKALA	S-NPP	75.23296	31.63007	14:06:00	D	5.90
28	AMRITSAR	BABA BAKALA	S-NPP	75.34514	31.63373	14:06:00	D	5.10

29	AMRITSAR	BABA BAKALA	S-NPP	75.24216	31.68047	14:06:00	D	1.00
30	AMRITSAR	BABA BAKALA	S-NPP	75.24319	31.68188	14:06:00	D	2.20
31	AMRITSAR	BABA BAKALA	S-NPP	75.14271	31.69832	14:06:00	D	4.80
32	AMRITSAR	BABA BAKALA	S-NPP	75.17653	31.70093	14:06:00	D	8.90
33	AMRITSAR	BABA BAKALA	S-NPP	75.17292	31.73623	14:06:00	D	15.10
34	BARNALA	BARNALA	S-NPP	75.59193	30.35564	14:06:00	D	5.80
35	BARNALA	BARNALA	S-NPP	75.65680	30.36586	14:06:00	D	4.90
36	BARNALA	BARNALA	S-NPP	75.57563	30.38002	14:06:00	D	1.60
37	BARNALA	BARNALA	S-NPP	75.63333	30.42584	14:06:00	D	3.80
38	BARNALA	BARNALA	S-NPP	75.64562	30.44232	14:06:00	D	5.30
39	BARNALA	BARNALA	S-NPP	75.64767	30.44508	14:06:00	D	12.10
40	BARNALA	BARNALA	S-NPP	75.61934	30.48412	14:06:00	D	4.00
41	BARNALA	BARNALA	S-NPP	75.39748	30.49182	14:06:00	D	6.40
42	BARNALA	BARNALA	S-NPP	75.52805	30.49737	14:06:00	D	7.20
43	BARNALA	BARNALA	S-NPP	75.65585	30.50249	14:06:00	D	7.00
44	BARNALA	BARNALA	S-NPP	75.55140	30.50439	14:06:00	D	2.10
45	BARNALA	BARNALA	S-NPP	75.49144	30.51998	14:06:00	D	2.90
46	BARNALA	BARNALA	S-NPP	75.48486	30.59937	14:06:00	D	7.20
47	BARNALA	BARNALA	S-NPP	75.48826	30.59965	14:06:00	D	7.20
48	BARNALA	TAPPA	S-NPP	75.54270	30.14570	14:06:00	D	9.30
49	BARNALA	TAPPA	S-NPP	75.58274	30.24449	14:06:00	D	6.30
50	BARNALA	TAPPA	S-NPP	75.42747	30.28302	14:06:00	D	7.30
51	BARNALA	TAPPA	S-NPP	75.61704	30.31400	14:06:00	D	8.10
52	BATHINDA	BATHINDA	S-NPP	74.70097	30.03326	14:06:00	D	11.70
53	BATHINDA	BATHINDA	S-NPP	74.70380	30.03724	14:06:00	D	14.90
54	BATHINDA	BATHINDA	S-NPP	74.70044	30.03807	14:06:00	D	8.60
55	BATHINDA	BATHINDA	S-NPP	74.74471	30.05039	14:06:00	D	19.30
56	BATHINDA	BATHINDA	S-NPP	74.74729	30.05205	14:06:00	D	19.30
57	BATHINDA	BATHINDA	S-NPP	74.96830	30.09368	14:06:00	D	8.30
58	BATHINDA	BATHINDA	S-NPP	74.99322	30.09577	14:06:00	D	4.10
59	BATHINDA	BATHINDA	S-NPP	75.01556	30.12239	14:06:00	D	4.00
60	BATHINDA	BATHINDA	TERRA-1	75.00021	30.13163	11:01:00	D	10.04

61	BATHINDA	BATHINDA	S-NPP	74.88211	30.14044	14:06:00	D	8.60
62	BATHINDA	BATHINDA	S-NPP	75.03226	30.14363	14:06:00	D	4.50
63	BATHINDA	BATHINDA	S-NPP	75.04482	30.14471	14:06:00	D	10.90
64	BATHINDA	BATHINDA	S-NPP	74.88158	30.14530	14:06:00	D	8.60
65	BATHINDA	BATHINDA	S-NPP	74.87235	30.15732	14:06:00	D	3.20
66	BATHINDA	BATHINDA	S-NPP	74.87386	30.15935	14:06:00	D	4.50
67	BATHINDA	BATHINDA	S-NPP	74.90263	30.16472	14:06:00	D	4.60
68	BATHINDA	BATHINDA	S-NPP	75.05533	30.16547	14:06:00	D	4.10
69	BATHINDA	BATHINDA	S-NPP	75.12449	30.17647	14:06:00	D	5.10
70	BATHINDA	BATHINDA	S-NPP	75.13086	30.17702	14:06:00	D	5.10
71	BATHINDA	BATHINDA	S-NPP	75.12921	30.17817	14:06:00	D	5.30
72	BATHINDA	BATHINDA	S-NPP	75.06638	30.18134	14:06:00	D	5.60
73	BATHINDA	BATHINDA	S-NPP	75.04568	30.18137	14:06:00	D	3.40
74	BATHINDA	BATHINDA	S-NPP	75.06464	30.18291	14:06:00	D	10.40
75	BATHINDA	BATHINDA	S-NPP	75.03829	30.19069	14:06:00	D	5.80
76	BATHINDA	BATHINDA	S-NPP	74.84031	30.22331	14:06:00	D	5.80
77	BATHINDA	BATHINDA	S-NPP	74.77820	30.22769	14:06:00	D	3.30
78	BATHINDA	BATHINDA	S-NPP	74.81716	30.26540	14:06:00	D	4.90
79	BATHINDA	BATHINDA	S-NPP	74.81592	30.26801	14:06:00	D	4.30
80	BATHINDA	BATHINDA	S-NPP	74.88363	30.27361	14:06:00	D	5.70
81	BATHINDA	BATHINDA	S-NPP	74.88425	30.27631	14:06:00	D	5.20
82	BATHINDA	BATHINDA	S-NPP	74.84676	30.27786	14:06:00	D	3.40
83	BATHINDA	BATHINDA	S-NPP	74.90899	30.27851	14:06:00	D	7.70
84	BATHINDA	BATHINDA	S-NPP	74.90788	30.28053	14:06:00	D	14.20
85	BATHINDA	BATHINDA	TERRA-1	74.92347	30.28434	11:01:00	D	28.73
86	BATHINDA	BATHINDA	S-NPP	74.92657	30.28995	14:06:00	D	4.30
87	BATHINDA	BATHINDA	S-NPP	74.92547	30.29184	14:06:00	D	4.40
88	BATHINDA	BATHINDA	S-NPP	74.96078	30.31454	14:06:00	D	1.80
89	BATHINDA	BATHINDA	S-NPP	74.80180	30.34030	14:06:00	D	11.40
90	BATHINDA	BATHINDA	S-NPP	75.02470	30.36954	14:06:00	D	4.30
91	BATHINDA	BATHINDA	S-NPP	75.12558	30.38820	14:06:00	D	7.70
92	BATHINDA	BATHINDA	S-NPP	75.12391	30.38905	14:06:00	D	5.50

93	BATHINDA	BATHINDA	S-NPP	74.82555	30.38953	14:06:00	D	4.40
94	BATHINDA	BATHINDA	S-NPP	75.08439	30.39588	14:06:00	D	12.20
95	BATHINDA	BATHINDA	S-NPP	75.08563	30.39971	14:06:00	D	15.50
96	BATHINDA	BATHINDA	S-NPP	75.08385	30.40082	14:06:00	D	12.20
97	BATHINDA	RAMPURA PHUL	S-NPP	75.27172	30.13386	14:06:00	D	5.50
98	BATHINDA	RAMPURA PHUL	S-NPP	75.13349	30.15231	14:06:00	D	10.70
99	BATHINDA	RAMPURA PHUL	S-NPP	75.14624	30.15339	14:06:00	D	9.60
100	BATHINDA	RAMPURA PHUL	S-NPP	75.32181	30.20861	14:06:00	D	10.00
101	BATHINDA	RAMPURA PHUL	S-NPP	75.32316	30.20873	14:06:00	D	8.90
102	BATHINDA	RAMPURA PHUL	S-NPP	75.29953	30.23203	14:06:00	D	3.40
103	BATHINDA	RAMPURA PHUL	S-NPP	75.31159	30.24310	14:06:00	D	20.40
104	BATHINDA	RAMPURA PHUL	S-NPP	75.34027	30.28589	14:06:00	D	6.30
105	BATHINDA	RAMPURA PHUL	S-NPP	75.24937	30.32834	14:06:00	D	16.40
106	BATHINDA	RAMPURA PHUL	S-NPP	75.31018	30.37872	14:06:00	D	9.70
107	BATHINDA	RAMPURA PHUL	S-NPP	75.26872	30.39542	14:06:00	D	32.50
108	BATHINDA	RAMPURA PHUL	S-NPP	75.20249	30.39983	14:06:00	D	5.80
109	BATHINDA	RAMPURA PHUL	S-NPP	75.20091	30.40017	14:06:00	D	6.00
110	BATHINDA	RAMPURA PHUL	S-NPP	75.22979	30.43767	14:06:00	D	48.30
111	BATHINDA	RAMPURA PHUL	S-NPP	75.24366	30.49420	14:06:00	D	8.10
112	BATHINDA	TALWANDI SABO	TERRA-1	75.12640	29.84566	11:01:00	D	20.70
113	BATHINDA	TALWANDI SABO	S-NPP	74.92817	29.97000	14:06:00	D	5.70
114	BATHINDA	TALWANDI SABO	S-NPP	74.99055	29.97027	14:06:00	D	5.70
115	BATHINDA	TALWANDI SABO	S-NPP	75.23765	29.99975	14:06:00	D	11.80
116	BATHINDA	TALWANDI SABO	S-NPP	75.23598	30.00040	14:06:00	D	5.20
117	BATHINDA	TALWANDI SABO	S-NPP	75.24244	30.00093	14:06:00	D	6.80
118	BATHINDA	TALWANDI SABO	S-NPP	74.91829	30.00358	14:06:00	D	8.10
119	BATHINDA	TALWANDI SABO	TERRA-1	74.95417	30.00586	11:01:00	D	16.38
120	BATHINDA	TALWANDI SABO	S-NPP	75.15760	30.00894	14:06:00	D	13.40
121	BATHINDA	TALWANDI SABO	S-NPP	74.88042	30.01013	14:06:00	D	11.60
122	BATHINDA	TALWANDI SABO	S-NPP	74.89265	30.01118	14:06:00	D	8.60
123	BATHINDA	TALWANDI SABO	S-NPP	74.92901	30.01925	14:06:00	D	9.40
124	BATHINDA	TALWANDI SABO	S-NPP	75.04133	30.02398	14:06:00	D	3.70

125	BATHINDA	TALWANDI SABO	S-NPP	75.11692	30.03043	14:06:00	D	3.20
126	BATHINDA	TALWANDI SABO	S-NPP	75.17783	30.06056	14:06:00	D	2.90
127	BATHINDA	TALWANDI SABO	S-NPP	74.92088	30.07001	14:06:00	D	5.60
128	BATHINDA	TALWANDI SABO	S-NPP	74.92321	30.07286	14:06:00	D	4.70
129	BATHINDA	TALWANDI SABO	S-NPP	74.93890	30.07643	14:06:00	D	6.70
130	BATHINDA	TALWANDI SABO	S-NPP	75.13068	30.08141	14:06:00	D	6.50
131	BATHINDA	TALWANDI SABO	S-NPP	75.12818	30.08208	14:06:00	D	5.70
132	BATHINDA	TALWANDI SABO	S-NPP	75.11590	30.10003	14:06:00	D	11.40
133	BATHINDA	TALWANDI SABO	S-NPP	75.11331	30.10078	14:06:00	D	7.00
134	FARIDKOT	FARIDKOT	S-NPP	74.86990	30.53338	14:06:00	D	6.30
135	FARIDKOT	FARIDKOT	S-NPP	74.86935	30.53827	14:06:00	D	6.30
136	FARIDKOT	FARIDKOT	S-NPP	74.86050	30.56216	14:06:00	D	35.70
137	FARIDKOT	FARIDKOT	S-NPP	74.87189	30.57301	14:06:00	D	3.30
138	FARIDKOT	FARIDKOT	S-NPP	74.67620	30.58394	14:06:00	D	6.70
139	FARIDKOT	FARIDKOT	S-NPP	74.67814	30.58525	14:06:00	D	8.30
140	FARIDKOT	FARIDKOT	TERRA-1	74.86720	30.59875	11:01:00	D	12.61
141	FARIDKOT	FARIDKOT	S-NPP	74.64323	30.60552	14:06:00	D	6.80
142	FARIDKOT	FARIDKOT	S-NPP	74.71064	30.60636	14:06:00	D	5.30
143	FARIDKOT	FARIDKOT	S-NPP	74.62794	30.63340	14:06:00	D	7.30
144	FARIDKOT	FARIDKOT	S-NPP	74.63398	30.63392	14:06:00	D	14.70
145	FARIDKOT	FARIDKOT	S-NPP	74.84353	30.70130	14:06:00	D	4.00
146	FARIDKOT	FARIDKOT	S-NPP	74.53871	30.70217	14:06:00	D	16.00
147	FARIDKOT	FARIDKOT	S-NPP	74.84706	30.70355	14:06:00	D	6.90
148	FARIDKOT	FARIDKOT	S-NPP	74.64170	30.70608	14:06:00	D	6.10
149	FARIDKOT	FARIDKOT	S-NPP	74.64778	30.70659	14:06:00	D	6.10
150	FARIDKOT	FARIDKOT	S-NPP	74.49586	30.70815	14:06:00	D	6.60
151	FARIDKOT	FARIDKOT	S-NPP	74.61691	30.70885	14:06:00	D	5.00
152	FARIDKOT	FARIDKOT	S-NPP	74.75858	30.71101	14:06:00	D	20.70
153	FARIDKOT	FARIDKOT	S-NPP	74.76369	30.72125	14:06:00	D	9.80
154	FARIDKOT	FARIDKOT	S-NPP	74.65834	30.72212	14:06:00	D	7.40
155	FARIDKOT	FARIDKOT	S-NPP	74.60323	30.72227	14:06:00	D	6.30
156	FARIDKOT	FARIDKOT	S-NPP	74.65781	30.72695	14:06:00	D	6.10

157	FARIDKOT	FARIDKOT	S-NPP	74.64510	30.73074	14:06:00	D	3.30
158	FARIDKOT	FARIDKOT	S-NPP	74.56548	30.73357	14:06:00	D	10.10
159	FARIDKOT	FARIDKOT	S-NPP	74.56496	30.73837	14:06:00	D	8.10
160	FARIDKOT	FARIDKOT	S-NPP	74.49807	30.74217	14:06:00	D	12.00
161	FARIDKOT	FARIDKOT	S-NPP	74.50403	30.74269	14:06:00	D	12.90
162	FARIDKOT	FARIDKOT	S-NPP	74.53934	30.75067	14:06:00	D	5.30
163	FARIDKOT	FARIDKOT	S-NPP	74.51331	30.76771	14:06:00	D	5.40
164	FARIDKOT	FARIDKOT	S-NPP	74.54250	30.77469	14:06:00	D	13.70
165	FARIDKOT	FARIDKOT	S-NPP	74.54269	30.77520	14:06:00	D	15.60
166	FARIDKOT	FARIDKOT	S-NPP	74.74341	30.79312	14:06:00	D	5.60
167	FARIDKOT	FARIDKOT	S-NPP	74.66871	30.79490	14:06:00	D	12.30
168	FARIDKOT	FARIDKOT	S-NPP	74.66872	30.79626	14:06:00	D	9.00
169	FARIDKOT	FARIDKOT	S-NPP	74.66210	30.80055	14:06:00	D	9.10
170	FARIDKOT	FARIDKOT	S-NPP	74.66154	30.80407	14:06:00	D	5.10
171	FARIDKOT	FARIDKOT	S-NPP	74.63605	30.81169	14:06:00	D	12.20
172	FARIDKOT	JAITO	S-NPP	74.88093	30.48994	14:06:00	D	5.20
173	FATEHGARH SAHIB	ALMOH	S-NPP	76.14451	30.54581	14:06:00	D	2.10
174	FATEHGARH SAHIB	ALMOH	S-NPP	76.16268	30.55252	14:06:00	D	2.30
175	FATEHGARH SAHIB	ALMOH	S-NPP	76.18792	30.56511	14:06:00	D	2.80
176	FATEHGARH SAHIB	ALMOH	S-NPP	76.13505	30.56635	14:06:00	D	1.90
177	FATEHGARH SAHIB	ALMOH	S-NPP	76.18369	30.57011	14:06:00	D	3.20
178	FATEHGARH SAHIB	ALMOH	S-NPP	76.13606	30.58129	14:06:00	D	2.80
179	FATEHGARH SAHIB	ALMOH	S-NPP	76.13730	30.58248	14:06:00	D	3.40
180	FATEHGARH SAHIB	ALMOH	S-NPP	76.21650	30.58332	14:06:00	D	2.30
181	FATEHGARH SAHIB	ALMOH	S-NPP	76.21487	30.58693	14:06:00	D	3.00
182	FATEHGARH SAHIB	ALMOH	S-NPP	76.15499	30.59451	14:06:00	D	3.00
183	FATEHGARH SAHIB	ALMOH	S-NPP	76.15646	30.60405	14:06:00	D	7.40
184	FATEHGARH SAHIB	ALMOH	S-NPP	76.26534	30.61730	14:06:00	D	6.00
185	FATEHGARH SAHIB	ALMOH	S-NPP	76.16190	30.62575	14:06:00	D	6.10
186	FATEHGARH SAHIB	ALMOH	S-NPP	76.16564	30.62602	14:06:00	D	6.30
187	FATEHGARH SAHIB	ALMOH	S-NPP	76.18389	30.63271	14:06:00	D	1.60
188	FATEHGARH SAHIB	ALMOH	S-NPP	76.17912	30.64302	14:06:00	D	3.70

189	FATEHGARH SAHIB	ALMOH	S-NPP	76.17862	30.64831	14:06:00	D	4.50
190	FATEHGARH SAHIB	ALMOH	S-NPP	76.31326	30.71550	14:06:00	D	1.60
191	FATEHGARH SAHIB	ALMOH	S-NPP	76.31371	30.71757	14:06:00	D	1.90
192	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.51936	30.65174	14:06:00	D	10.70
193	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.51003	30.66739	14:06:00	D	11.40
194	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.50954	30.67279	14:06:00	D	7.20
195	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.49331	30.67705	14:06:00	D	4.30
196	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	76.38599	30.69076	14:06:00	D	1.80
197	FATEHGARH SAHIB	BASSI PATHANAN	TERRA-1	76.50835	30.74518	11:01:00	D	11.41
198	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.38922	30.46412	14:06:00	D	2.10
199	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.42404	30.54520	14:06:00	D	4.40
200	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.42793	30.54548	14:06:00	D	6.30
201	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.43079	30.55650	14:06:00	D	4.80
202	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.32474	30.57017	14:06:00	D	6.70
203	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.50348	30.57811	14:06:00	D	3.60
204	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.52704	30.57985	14:06:00	D	3.70
205	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.47948	30.58176	14:06:00	D	2.60
206	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.31033	30.60131	14:06:00	D	4.10
207	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.42555	30.60175	14:06:00	D	4.10
208	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.42637	30.60485	14:06:00	D	4.90
209	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.44402	30.61386	14:06:00	D	8.20
210	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.44483	30.61708	14:06:00	D	8.70
211	FATEHGARH SAHIB	FATEHGARH SAHIB	TERRA-1	76.42581	30.62420	11:01:00	D	6.56
212	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.49725	30.63387	14:06:00	D	3.10
213	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.40888	30.65463	14:06:00	D	2.80
214	FATEHGARH SAHIB	FATEHGARH SAHIB	S-NPP	76.34267	30.65517	14:06:00	D	2.40
215	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.30082	30.83566	14:06:00	D	2.20
216	FATEHGARH SAHIB	KHAMANOH	S-NPP	76.30944	30.86859	14:06:00	D	2.60
217	FIROZPUR	ABOHAR	S-NPP	74.07289	30.04818	14:06:00	D	3.80
218	FIROZPUR	ABOHAR	S-NPP	74.24847	30.10924	14:06:00	D	5.50
219	FIROZPUR	ABOHAR	S-NPP	74.25043	30.11181	14:06:00	D	3.20
220	FIROZPUR	ABOHAR	S-NPP	74.35676	30.11390	14:06:00	D	13.60

221	FIROZPUR	ABOHAR	S-NPP	74.35856	30.11721	14:06:00	D	15.70
222	FIROZPUR	ABOHAR	S-NPP	74.26211	30.13882	14:06:00	D	18.10
223	FIROZPUR	ABOHAR	S-NPP	74.32522	30.18719	14:06:00	D	3.90
224	FIROZPUR	ABOHAR	S-NPP	74.18766	30.19344	14:06:00	D	9.40
225	FIROZPUR	ABOHAR	S-NPP	74.20898	30.20487	14:06:00	D	9.10
226	FIROZPUR	ABOHAR	S-NPP	74.20723	30.20668	14:06:00	D	5.70
227	FIROZPUR	FAZILKA	S-NPP	74.00687	30.19840	14:06:00	D	6.30
228	FIROZPUR	FAZILKA	S-NPP	74.04173	30.19844	14:06:00	D	8.30
229	FIROZPUR	FAZILKA	S-NPP	74.00842	30.19992	14:06:00	D	7.70
230	FIROZPUR	FAZILKA	S-NPP	74.03970	30.20133	14:06:00	D	4.40
231	FIROZPUR	FAZILKA	S-NPP	74.05288	30.23056	14:06:00	D	10.70
232	FIROZPUR	FAZILKA	S-NPP	74.05837	30.23106	14:06:00	D	10.70
233	FIROZPUR	FAZILKA	S-NPP	74.06776	30.24596	14:06:00	D	2.40
234	FIROZPUR	FAZILKA	S-NPP	73.96713	30.25536	14:06:00	D	3.60
235	FIROZPUR	FAZILKA	S-NPP	74.01186	30.29688	14:06:00	D	5.60
236	FIROZPUR	FAZILKA	S-NPP	74.05904	30.29993	14:06:00	D	4.90
237	FIROZPUR	FAZILKA	S-NPP	74.00899	30.30019	14:06:00	D	3.70
238	FIROZPUR	FAZILKA	S-NPP	74.06954	30.30554	14:06:00	D	2.50
239	FIROZPUR	FAZILKA	S-NPP	74.23525	30.30848	14:06:00	D	10.70
240	FIROZPUR	FAZILKA	S-NPP	74.11348	30.36112	14:06:00	D	4.70
241	FIROZPUR	FAZILKA	S-NPP	74.20200	30.37859	14:06:00	D	7.20
242	FIROZPUR	FAZILKA	S-NPP	74.02060	30.39006	14:06:00	D	11.10
243	FIROZPUR	FAZILKA	S-NPP	74.23113	30.42388	14:06:00	D	2.40
244	FIROZPUR	FAZILKA	S-NPP	74.25169	30.44478	14:06:00	D	5.00
245	FIROZPUR	FAZILKA	S-NPP	74.24864	30.44604	14:06:00	D	6.80
246	FIROZPUR	FAZILKA	S-NPP	74.07832	30.49211	14:06:00	D	156.50
247	FIROZPUR	FIROZPUR	S-NPP	74.87364	30.75019	14:06:00	D	5.80
248	FIROZPUR	FIROZPUR	S-NPP	74.90511	30.75284	14:06:00	D	17.70
249	FIROZPUR	FIROZPUR	TERRA-1	74.91017	30.76494	11:01:00	D	15.22
250	FIROZPUR	FIROZPUR	S-NPP	74.51252	30.77219	14:06:00	D	6.40
251	FIROZPUR	FIROZPUR	S-NPP	74.51276	30.77250	14:06:00	D	7.60
252	FIROZPUR	FIROZPUR	S-NPP	74.48649	30.78934	14:06:00	D	20.70

253	FIROZPUR	FIROZPUR	S-NPP	74.49138	30.79942	14:06:00	D	7.80
254	FIROZPUR	FIROZPUR	S-NPP	74.51529	30.80146	14:06:00	D	15.60
255	FIROZPUR	FIROZPUR	S-NPP	74.52128	30.80197	14:06:00	D	15.60
256	FIROZPUR	FIROZPUR	S-NPP	74.54475	30.80882	14:06:00	D	14.60
257	FIROZPUR	FIROZPUR	S-NPP	74.39437	30.81032	14:06:00	D	5.90
258	FIROZPUR	FIROZPUR	S-NPP	74.56886	30.81087	14:06:00	D	4.00
259	FIROZPUR	FIROZPUR	S-NPP	74.33414	30.81942	14:06:00	D	9.60
260	FIROZPUR	FIROZPUR	S-NPP	74.38688	30.82408	14:06:00	D	16.20
261	FIROZPUR	FIROZPUR	S-NPP	74.39276	30.82460	14:06:00	D	35.90
262	FIROZPUR	FIROZPUR	S-NPP	74.75170	30.83121	14:06:00	D	3.90
263	FIROZPUR	FIROZPUR	S-NPP	74.45729	30.83510	14:06:00	D	3.30
264	FIROZPUR	FIROZPUR	S-NPP	74.92831	30.83599	14:06:00	D	9.90
265	FIROZPUR	FIROZPUR	S-NPP	74.49305	30.83825	14:06:00	D	11.80
266	FIROZPUR	FIROZPUR	S-NPP	74.49902	30.83877	14:06:00	D	30.60
267	FIROZPUR	FIROZPUR	S-NPP	74.77547	30.84304	14:06:00	D	8.00
268	FIROZPUR	FIROZPUR	S-NPP	74.44437	30.84361	14:06:00	D	6.10
269	FIROZPUR	FIROZPUR	S-NPP	74.45029	30.84414	14:06:00	D	9.50
270	FIROZPUR	FIROZPUR	S-NPP	74.66232	30.85299	14:06:00	D	4.70
271	FIROZPUR	FIROZPUR	S-NPP	74.75527	30.85607	14:06:00	D	4.30
272	FIROZPUR	FIROZPUR	S-NPP	74.52087	30.86007	14:06:00	D	9.40
273	FIROZPUR	FIROZPUR	S-NPP	74.48441	30.86166	14:06:00	D	6.20
274	FIROZPUR	FIROZPUR	S-NPP	74.86771	30.86563	14:06:00	D	30.00
275	FIROZPUR	FIROZPUR	TERRA-1	74.65916	30.86675	11:01:00	D	9.28
276	FIROZPUR	FIROZPUR	S-NPP	74.38548	30.86719	14:06:00	D	4.40
277	FIROZPUR	FIROZPUR	S-NPP	74.54987	30.87235	14:06:00	D	8.10
278	FIROZPUR	FIROZPUR	S-NPP	74.54710	30.87583	14:06:00	D	13.40
279	FIROZPUR	FIROZPUR	S-NPP	74.55312	30.87633	14:06:00	D	13.40
280	FIROZPUR	FIROZPUR	S-NPP	74.54934	30.87715	14:06:00	D	8.10
281	FIROZPUR	FIROZPUR	S-NPP	74.39871	30.87805	14:06:00	D	14.30
282	FIROZPUR	FIROZPUR	S-NPP	74.40212	30.87821	14:06:00	D	10.40
283	FIROZPUR	FIROZPUR	S-NPP	74.68983	30.88474	14:06:00	D	3.50
284	FIROZPUR	FIROZPUR	S-NPP	74.82058	30.89124	14:06:00	D	6.50

285	FIROZPUR	FIROZPUR	S-NPP	74.67036	30.89281	14:06:00	D	22.90
286	FIROZPUR	FIROZPUR	S-NPP	74.81823	30.89299	14:06:00	D	8.90
287	FIROZPUR	FIROZPUR	S-NPP	74.79510	30.89396	14:06:00	D	7.20
288	FIROZPUR	FIROZPUR	S-NPP	74.68879	30.89444	14:06:00	D	3.60
289	FIROZPUR	FIROZPUR	S-NPP	74.66778	30.89551	14:06:00	D	21.10
290	FIROZPUR	FIROZPUR	S-NPP	74.79269	30.89587	14:06:00	D	6.30
291	FIROZPUR	FIROZPUR	S-NPP	74.65761	30.89656	14:06:00	D	8.30
292	FIROZPUR	FIROZPUR	S-NPP	74.66111	30.89985	14:06:00	D	10.50
293	FIROZPUR	FIROZPUR	S-NPP	74.43554	30.90032	14:06:00	D	39.70
294	FIROZPUR	FIROZPUR	S-NPP	74.42852	30.90936	14:06:00	D	6.50
295	FIROZPUR	FIROZPUR	S-NPP	74.43988	30.91517	14:06:00	D	17.20
296	FIROZPUR	FIROZPUR	S-NPP	74.44582	30.91568	14:06:00	D	13.20
297	FIROZPUR	FIROZPUR	S-NPP	74.83627	30.92224	14:06:00	D	4.80
298	FIROZPUR	FIROZPUR	S-NPP	74.55380	30.92495	14:06:00	D	5.90
299	FIROZPUR	FIROZPUR	S-NPP	74.82704	30.92825	14:06:00	D	9.40
300	FIROZPUR	FIROZPUR	S-NPP	74.54617	30.93887	14:06:00	D	4.50
301	FIROZPUR	FIROZPUR	S-NPP	74.75407	30.96158	14:06:00	D	2.70
302	FIROZPUR	FIROZPUR	S-NPP	74.80349	30.97071	14:06:00	D	10.10
303	FIROZPUR	FIROZPUR	S-NPP	74.53533	30.98164	14:06:00	D	4.70
304	FIROZPUR	FIROZPUR	S-NPP	74.62595	30.99456	14:06:00	D	3.70
305	FIROZPUR	FIROZPUR	S-NPP	74.78647	30.99642	14:06:00	D	12.60
306	FIROZPUR	FIROZPUR	S-NPP	74.79273	30.99692	14:06:00	D	12.60
307	FIROZPUR	FIROZPUR	S-NPP	74.78782	30.99896	14:06:00	D	13.30
308	FIROZPUR	FIROZPUR	S-NPP	74.76855	31.00221	14:06:00	D	6.50
309	FIROZPUR	FIROZPUR	S-NPP	74.69301	31.00540	14:06:00	D	4.60
310	FIROZPUR	FIROZPUR	S-NPP	74.78538	31.00619	14:06:00	D	8.70
311	FIROZPUR	FIROZPUR	S-NPP	74.78677	31.00873	14:06:00	D	8.60
312	FIROZPUR	FIROZPUR	S-NPP	74.56667	31.01270	14:06:00	D	5.60
313	FIROZPUR	FIROZPUR	S-NPP	74.76556	31.01444	14:06:00	D	4.60
314	FIROZPUR	FIROZPUR	S-NPP	74.76698	31.01685	14:06:00	D	9.70
315	FIROZPUR	FIROZPUR	S-NPP	74.76501	31.01932	14:06:00	D	4.60
316	FIROZPUR	FIROZPUR	S-NPP	74.76646	31.02173	14:06:00	D	9.70

317	FIROZPUR	FIROZPUR	S-NPP	74.63228	31.03284	14:06:00	D	8.70
318	FIROZPUR	FIROZPUR	S-NPP	74.65017	31.03924	14:06:00	D	4.90
319	FIROZPUR	FIROZPUR	S-NPP	74.72336	31.05522	14:06:00	D	13.20
320	FIROZPUR	FIROZPUR	S-NPP	74.74099	31.06655	14:06:00	D	6.20
321	FIROZPUR	FIROZPUR	S-NPP	74.79001	31.08057	14:06:00	D	69.00
322	FIROZPUR	FIROZPUR	S-NPP	74.81465	31.08761	14:06:00	D	25.20
323	FIROZPUR	FIROZPUR	S-NPP	74.80102	31.09632	14:06:00	D	3.30
324	FIROZPUR	FIROZPUR	S-NPP	74.78111	31.10448	14:06:00	D	13.10
325	FIROZPUR	FIROZPUR	S-NPP	74.76453	31.11984	14:06:00	D	18.30
326	FIROZPUR	FIROZPUR	S-NPP	74.76649	31.12295	14:06:00	D	36.80
327	FIROZPUR	JALALABAD	S-NPP	74.29952	30.45524	14:06:00	D	5.30
328	FIROZPUR	JALALABAD	S-NPP	74.25896	30.45644	14:06:00	D	5.40
329	FIROZPUR	JALALABAD	S-NPP	74.24700	30.46014	14:06:00	D	8.80
330	FIROZPUR	JALALABAD	S-NPP	74.30202	30.48403	14:06:00	D	5.50
331	FIROZPUR	JALALABAD	S-NPP	74.27857	30.48670	14:06:00	D	7.30
332	FIROZPUR	JALALABAD	S-NPP	74.16328	30.56844	14:06:00	D	8.70
333	FIROZPUR	JALALABAD	S-NPP	74.38087	30.59247	14:06:00	D	11.30
334	FIROZPUR	JALALABAD	S-NPP	74.15681	30.62460	14:06:00	D	3.10
335	FIROZPUR	JALALABAD	S-NPP	74.15935	30.62653	14:06:00	D	2.40
336	FIROZPUR	JALALABAD	S-NPP	74.16705	30.63502	14:06:00	D	2.40
337	FIROZPUR	JALALABAD	S-NPP	74.28804	30.63671	14:06:00	D	5.40
338	FIROZPUR	JALALABAD	S-NPP	74.28511	30.63729	14:06:00	D	6.80
339	FIROZPUR	JALALABAD	S-NPP	74.28751	30.64143	14:06:00	D	5.40
340	FIROZPUR	JALALABAD	S-NPP	74.37497	30.64466	14:06:00	D	8.60
341	FIROZPUR	JALALABAD	S-NPP	74.37801	30.64516	14:06:00	D	16.20
342	FIROZPUR	JALALABAD	S-NPP	74.49476	30.66460	14:06:00	D	20.20
343	FIROZPUR	JALALABAD	S-NPP	74.50070	30.66510	14:06:00	D	15.30
344	FIROZPUR	JALALABAD	S-NPP	74.49741	30.66541	14:06:00	D	27.40
345	FIROZPUR	JALALABAD	S-NPP	74.38980	30.67000	14:06:00	D	6.90
346	FIROZPUR	JALALABAD	S-NPP	74.39283	30.67039	14:06:00	D	4.20
347	FIROZPUR	JALALABAD	S-NPP	74.27444	30.67926	14:06:00	D	5.90
348	FIROZPUR	JALALABAD	S-NPP	74.23942	30.68093	14:06:00	D	9.20

349	FIROZPUR	JALALABAD	S-NPP	74.47481	30.68221	14:06:00	D	6.20
350	FIROZPUR	JALALABAD	S-NPP	74.45650	30.68546	14:06:00	D	10.50
351	FIROZPUR	JALALABAD	S-NPP	74.23888	30.68564	14:06:00	D	9.20
352	FIROZPUR	JALALABAD	S-NPP	74.47427	30.68699	14:06:00	D	6.20
353	FIROZPUR	JALALABAD	S-NPP	74.38961	30.69891	14:06:00	D	7.10
354	FIROZPUR	JALALABAD	S-NPP	74.23152	30.69925	14:06:00	D	4.90
355	FIROZPUR	JALALABAD	S-NPP	74.23618	30.70918	14:06:00	D	16.50
356	FIROZPUR	JALALABAD	S-NPP	74.42377	30.71151	14:06:00	D	17.90
357	FIROZPUR	JALALABAD	S-NPP	74.23564	30.71389	14:06:00	D	16.50
358	FIROZPUR	JALALABAD	S-NPP	74.43501	30.71731	14:06:00	D	5.10
359	FIROZPUR	JALALABAD	S-NPP	74.39864	30.72371	14:06:00	D	6.70
360	FIROZPUR	JALALABAD	S-NPP	74.37734	30.75124	14:06:00	D	8.90
361	FIROZPUR	JALALABAD	S-NPP	74.40131	30.75278	14:06:00	D	6.00
362	FIROZPUR	JALALABAD	S-NPP	74.40087	30.75321	14:06:00	D	6.80
363	FIROZPUR	JALALABAD	S-NPP	74.36560	30.75434	14:06:00	D	4.40
364	FIROZPUR	JALALABAD	S-NPP	74.36507	30.75500	14:06:00	D	4.00
365	FIROZPUR	JALALABAD	S-NPP	74.37731	30.75541	14:06:00	D	6.50
366	FIROZPUR	JALALABAD	S-NPP	74.37680	30.75599	14:06:00	D	8.90
367	FIROZPUR	JALALABAD	S-NPP	74.31792	30.75956	14:06:00	D	19.60
368	FIROZPUR	JALALABAD	S-NPP	74.31729	30.76052	14:06:00	D	28.10
369	FIROZPUR	JALALABAD	S-NPP	74.43613	30.76075	14:06:00	D	8.30
370	FIROZPUR	JALALABAD	S-NPP	74.43575	30.76094	14:06:00	D	4.90
371	FIROZPUR	JALALABAD	S-NPP	74.29366	30.76687	14:06:00	D	6.60
372	FIROZPUR	JALALABAD	S-NPP	74.29298	30.76799	14:06:00	D	27.50
373	FIROZPUR	JALALABAD	S-NPP	74.29243	30.77272	14:06:00	D	10.20
374	FIROZPUR	JALALABAD	S-NPP	74.35762	30.77279	14:06:00	D	7.50
375	FIROZPUR	JALALABAD	S-NPP	74.35704	30.77350	14:06:00	D	5.30
376	FIROZPUR	JALALABAD	S-NPP	74.33899	30.77673	14:06:00	D	11.80
377	FIROZPUR	JALALABAD	S-NPP	74.34481	30.77724	14:06:00	D	11.80
378	FIROZPUR	JALALABAD	S-NPP	74.36182	30.78349	14:06:00	D	6.90
379	FIROZPUR	ZIRA	S-NPP	75.02493	30.89881	14:06:00	D	22.50
380	FIROZPUR	ZIRA	S-NPP	75.03732	30.90485	14:06:00	D	12.20

381	FIROZPUR	ZIRA	S-NPP	74.87561	30.91085	14:06:00	D	7.60
382	FIROZPUR	ZIRA	S-NPP	74.93096	30.91190	14:06:00	D	3.40
383	FIROZPUR	ZIRA	S-NPP	74.87330	30.91223	14:06:00	D	6.30
384	FIROZPUR	ZIRA	S-NPP	75.02980	30.91421	14:06:00	D	4.20
385	FIROZPUR	ZIRA	S-NPP	75.02773	30.91459	14:06:00	D	6.10
386	FIROZPUR	ZIRA	S-NPP	75.34185	30.92012	14:06:00	D	9.70
387	FIROZPUR	ZIRA	S-NPP	74.99339	30.93183	14:06:00	D	13.90
388	FIROZPUR	ZIRA	S-NPP	74.99506	30.93618	14:06:00	D	30.90
389	FIROZPUR	ZIRA	S-NPP	74.99287	30.93677	14:06:00	D	17.00
390	FIROZPUR	ZIRA	S-NPP	75.10255	30.95057	14:06:00	D	4.20
391	FIROZPUR	ZIRA	S-NPP	74.85535	30.96026	14:06:00	D	9.10
392	FIROZPUR	ZIRA	S-NPP	74.88012	30.96728	14:06:00	D	6.60
393	FIROZPUR	ZIRA	S-NPP	75.30709	30.97693	14:06:00	D	3.70
394	FIROZPUR	ZIRA	S-NPP	75.03980	30.98557	14:06:00	D	8.60
395	FIROZPUR	ZIRA	S-NPP	74.86538	30.98586	14:06:00	D	9.60
396	FIROZPUR	ZIRA	S-NPP	75.03281	30.98999	14:06:00	D	13.00
397	FIROZPUR	ZIRA	S-NPP	75.05225	30.99161	14:06:00	D	14.40
398	FIROZPUR	ZIRA	S-NPP	75.19762	30.99350	14:06:00	D	11.50
399	FIROZPUR	ZIRA	S-NPP	75.03230	30.99495	14:06:00	D	13.00
400	FIROZPUR	ZIRA	S-NPP	75.03072	31.00983	14:06:00	D	17.70
401	FIROZPUR	ZIRA	S-NPP	74.82202	31.01902	14:06:00	D	9.00
402	FIROZPUR	ZIRA	S-NPP	74.82339	31.02181	14:06:00	D	18.50
403	FIROZPUR	ZIRA	S-NPP	74.82150	31.02392	14:06:00	D	9.00
404	FIROZPUR	ZIRA	S-NPP	74.97546	31.02636	14:06:00	D	6.20
405	FIROZPUR	ZIRA	S-NPP	75.02761	31.03959	14:06:00	D	25.90
406	FIROZPUR	ZIRA	S-NPP	75.02609	31.04037	14:06:00	D	20.30
407	FIROZPUR	ZIRA	S-NPP	74.87581	31.05311	14:06:00	D	10.70
408	FIROZPUR	ZIRA	S-NPP	74.88216	31.05363	14:06:00	D	21.90
409	FIROZPUR	ZIRA	S-NPP	74.82936	31.06907	14:06:00	D	12.50
410	FIROZPUR	ZIRA	S-NPP	74.83517	31.07450	14:06:00	D	12.50
411	FIROZPUR	ZIRA	S-NPP	75.05235	31.10261	14:06:00	D	9.90
412	FIROZPUR	ZIRA	S-NPP	74.85102	31.10556	14:06:00	D	7.00

413	FIROZPUR	ZIRA	S-NPP	74.85504	31.10731	14:06:00	D	5.50
414	FIROZPUR	ZIRA	S-NPP	74.89540	31.15025	14:06:00	D	5.70
415	GURDASPUR	BATALA	S-NPP	75.34860	31.63400	14:06:00	D	3.90
416	GURDASPUR	BATALA	S-NPP	75.34461	31.63882	14:06:00	D	6.30
417	GURDASPUR	BATALA	S-NPP	75.34808	31.63909	14:06:00	D	6.50
418	GURDASPUR	BATALA	S-NPP	75.44770	31.66231	14:06:00	D	2.20
419	GURDASPUR	BATALA	S-NPP	75.40115	31.66896	14:06:00	D	2.90
420	GURDASPUR	BATALA	S-NPP	75.37624	31.67213	14:06:00	D	4.30
421	GURDASPUR	BATALA	S-NPP	75.36879	31.67668	14:06:00	D	1.50
422	GURDASPUR	BATALA	S-NPP	75.31924	31.68296	14:06:00	D	2.60
423	GURDASPUR	BATALA	S-NPP	75.34692	31.68519	14:06:00	D	1.70
424	GURDASPUR	BATALA	S-NPP	75.35946	31.68922	14:06:00	D	2.90
425	GURDASPUR	BATALA	S-NPP	75.40571	31.71840	14:06:00	D	3.50
426	GURDASPUR	BATALA	S-NPP	75.45145	31.72183	14:06:00	D	7.30
427	GURDASPUR	BATALA	S-NPP	75.42223	31.72995	14:06:00	D	2.70
428	GURDASPUR	BATALA	S-NPP	75.36127	31.74074	14:06:00	D	4.80
429	GURDASPUR	BATALA	S-NPP	75.36475	31.74100	14:06:00	D	5.80
430	GURDASPUR	BATALA	S-NPP	75.22517	31.74546	14:06:00	D	3.50
431	GURDASPUR	BATALA	S-NPP	75.45994	31.77934	14:06:00	D	3.50
432	GURDASPUR	BATALA	S-NPP	75.28632	31.79124	14:06:00	D	3.20
433	GURDASPUR	BATALA	S-NPP	75.12598	31.79219	14:06:00	D	4.80
434	GURDASPUR	BATALA	S-NPP	75.12617	31.79338	14:06:00	D	5.30
435	GURDASPUR	BATALA	S-NPP	75.42252	31.79906	14:06:00	D	1.80
436	GURDASPUR	BATALA	S-NPP	75.52265	31.79981	14:06:00	D	2.60
437	GURDASPUR	BATALA	S-NPP	75.52267	31.80116	14:06:00	D	2.60
438	GURDASPUR	BATALA	S-NPP	75.42216	31.80219	14:06:00	D	3.80
439	GURDASPUR	BATALA	S-NPP	75.26951	31.81845	14:06:00	D	3.30
440	GURDASPUR	BATALA	S-NPP	75.23753	31.82622	14:06:00	D	4.90
441	GURDASPUR	DERA BABA NANAK	S-NPP	75.05539	31.93813	14:06:00	D	5.80
442	GURDASPUR	DERA BABA NANAK	S-NPP	75.05436	31.94816	14:06:00	D	11.10
443	GURDASPUR	DERA BABA NANAK	S-NPP	75.05385	31.95318	14:06:00	D	7.80
444	GURDASPUR	DERA BABA NANAK	S-NPP	75.07355	31.95983	14:06:00	D	3.80

445	GURDASPUR	DERA BABA NANAK	S-NPP	74.93847	31.96396	14:06:00	D	4.20
446	GURDASPUR	DERA BABA NANAK	S-NPP	75.09982	32.01653	14:06:00	D	21.10
447	GURDASPUR	DERA BABA NANAK	S-NPP	75.06439	32.02900	14:06:00	D	23.60
448	GURDASPUR	GURDASPUR	S-NPP	75.40689	31.81338	14:06:00	D	3.80
449	GURDASPUR	GURDASPUR	S-NPP	75.41744	31.81416	14:06:00	D	5.20
450	GURDASPUR	GURDASPUR	S-NPP	75.36924	31.83631	14:06:00	D	2.80
451	GURDASPUR	GURDASPUR	S-NPP	75.48140	31.85516	14:06:00	D	3.60
452	GURDASPUR	GURDASPUR	S-NPP	75.30388	31.89288	14:06:00	D	2.60
453	GURDASPUR	GURDASPUR	S-NPP	75.33794	31.89340	14:06:00	D	2.90
454	GURDASPUR	GURDASPUR	S-NPP	75.33865	31.89566	14:06:00	D	3.40
455	GURDASPUR	GURDASPUR	S-NPP	75.30259	31.89594	14:06:00	D	2.50
456	GURDASPUR	GURDASPUR	S-NPP	75.32695	31.89774	14:06:00	D	4.10
457	GURDASPUR	GURDASPUR	S-NPP	75.32768	31.89992	14:06:00	D	3.20
458	GURDASPUR	GURDASPUR	S-NPP	75.37245	31.90108	14:06:00	D	4.90
459	GURDASPUR	GURDASPUR	S-NPP	75.36962	31.90329	14:06:00	D	6.40
460	GURDASPUR	GURDASPUR	S-NPP	75.37313	31.90357	14:06:00	D	6.40
461	GURDASPUR	GURDASPUR	S-NPP	75.37193	31.90619	14:06:00	D	7.10
462	GURDASPUR	GURDASPUR	S-NPP	75.30103	31.91121	14:06:00	D	3.30
463	GURDASPUR	GURDASPUR	S-NPP	75.25198	31.91265	14:06:00	D	2.00
464	GURDASPUR	GURDASPUR	S-NPP	75.23318	31.92657	14:06:00	D	6.50
465	GURDASPUR	GURDASPUR	S-NPP	75.23663	31.92683	14:06:00	D	6.50
466	GURDASPUR	GURDASPUR	S-NPP	75.40303	31.94978	14:06:00	D	2.00
467	GURDASPUR	GURDASPUR	S-NPP	75.21539	31.96606	14:06:00	D	4.50
468	GURDASPUR	GURDASPUR	S-NPP	75.30883	31.97342	14:06:00	D	1.30
469	GURDASPUR	GURDASPUR	S-NPP	75.41055	31.98135	14:06:00	D	2.20
470	GURDASPUR	GURDASPUR	S-NPP	75.43890	31.98355	14:06:00	D	3.60
471	GURDASPUR	GURDASPUR	S-NPP	75.37127	32.00101	14:06:00	D	4.30
472	GURDASPUR	GURDASPUR	S-NPP	75.37276	32.00420	14:06:00	D	3.90
473	GURDASPUR	GURDASPUR	S-NPP	75.19961	32.03437	14:06:00	D	1.70
474	GURDASPUR	GURDASPUR	S-NPP	75.21478	32.05599	14:06:00	D	4.80
475	GURDASPUR	GURDASPUR	S-NPP	75.24244	32.05814	14:06:00	D	5.40
476	GURDASPUR	GURDASPUR	S-NPP	75.21770	32.06133	14:06:00	D	2.80

477	GURDASPUR	GURDASPUR	S-NPP	75.22115	32.06160	14:06:00	D	2.80
478	GURDASPUR	GURDASPUR	S-NPP	75.12817	32.07466	14:06:00	D	6.10
479	GURDASPUR	GURDASPUR	S-NPP	75.37383	32.08376	14:06:00	D	1.30
480	GURDASPUR	PATHANKOT	S-NPP	75.37001	32.22209	14:06:00	D	3.60
481	GURDASPUR	PATHANKOT	S-NPP	75.36957	32.22532	14:06:00	D	8.10
482	HOSHIARPUR	DASUYA	S-NPP	75.56861	31.73576	14:06:00	D	3.50
483	JALANDHAR	JALANDHAR II	S-NPP	75.47939	31.35361	14:06:00	D	2.00
484	JALANDHAR	JALANDHAR II	S-NPP	75.58698	31.47252	14:06:00	D	2.30
485	JALANDHAR	JALANDHAR II	S-NPP	75.44317	31.49208	14:06:00	D	1.50
486	JALANDHAR	JALANDHAR II	S-NPP	75.52029	31.49832	14:06:00	D	1.80
487	JALANDHAR	NAKODAR	S-NPP	75.54098	31.00034	14:06:00	D	6.40
488	JALANDHAR	NAKODAR	S-NPP	75.41766	31.01632	14:06:00	D	5.20
489	JALANDHAR	NAKODAR	S-NPP	75.50025	31.02290	14:06:00	D	2.70
490	JALANDHAR	NAKODAR	S-NPP	75.47159	31.03089	14:06:00	D	2.60
491	JALANDHAR	NAKODAR	S-NPP	75.40145	31.04060	14:06:00	D	11.00
492	JALANDHAR	NAKODAR	S-NPP	75.50404	31.05408	14:06:00	D	6.20
493	JALANDHAR	NAKODAR	S-NPP	75.46557	31.05609	14:06:00	D	4.20
494	JALANDHAR	NAKODAR	S-NPP	75.44733	31.06486	14:06:00	D	3.00
495	JALANDHAR	NAKODAR	S-NPP	75.47889	31.08588	14:06:00	D	8.70
496	JALANDHAR	NAKODAR	S-NPP	75.50217	31.09796	14:06:00	D	3.70
497	JALANDHAR	NAKODAR	S-NPP	75.55840	31.13329	14:06:00	D	2.00
498	JALANDHAR	NAKODAR	S-NPP	75.42058	31.14803	14:06:00	D	4.30
499	JALANDHAR	NAKODAR	S-NPP	75.42354	31.15340	14:06:00	D	3.90
500	JALANDHAR	NAKODAR	S-NPP	75.42698	31.15368	14:06:00	D	3.90
501	JALANDHAR	NAKODAR	S-NPP	75.47530	31.15760	14:06:00	D	3.30
502	JALANDHAR	NAKODAR	S-NPP	75.58826	31.20977	14:06:00	D	1.30
503	JALANDHAR	NAKODAR	S-NPP	75.41921	31.21220	14:06:00	D	2.50
504	JALANDHAR	PHILLAUR	S-NPP	75.89160	31.05334	14:06:00	D	1.80
505	JALANDHAR	PHILLAUR	S-NPP	75.67747	31.08883	14:06:00	D	4.00
506	JALANDHAR	PHILLAUR	S-NPP	75.67650	31.09048	14:06:00	D	5.40
507	JALANDHAR	PHILLAUR	S-NPP	75.68816	31.11737	14:06:00	D	5.50
508	JALANDHAR	PHILLAUR	S-NPP	75.58398	31.12494	14:06:00	D	4.30

509	JALANDHAR	PHILLAUR	S-NPP	75.58750	31.12522	14:06:00	D	6.60
510	JALANDHAR	PHILLAUR	S-NPP	75.60358	31.14201	14:06:00	D	8.10
511	JALANDHAR	SHAHKOT	S-NPP	75.40347	31.02030	14:06:00	D	2.40
512	JALANDHAR	SHAHKOT	S-NPP	75.40297	31.02538	14:06:00	D	2.40
513	JALANDHAR	SHAHKOT	S-NPP	75.26262	31.06913	14:06:00	D	5.10
514	JALANDHAR	SHAHKOT	S-NPP	75.37826	31.08835	14:06:00	D	1.90
515	JALANDHAR	SHAHKOT	S-NPP	75.37040	31.09796	14:06:00	D	1.90
516	JALANDHAR	SHAHKOT	S-NPP	75.36253	31.10755	14:06:00	D	2.50
517	JALANDHAR	SHAHKOT	S-NPP	75.37855	31.11905	14:06:00	D	4.10
518	JALANDHAR	SHAHKOT	S-NPP	75.14323	31.12021	14:06:00	D	14.10
519	JALANDHAR	SHAHKOT	S-NPP	75.36779	31.12330	14:06:00	D	2.90
520	JALANDHAR	SHAHKOT	S-NPP	75.28384	31.12670	14:06:00	D	12.50
521	JALANDHAR	SHAHKOT	S-NPP	75.33963	31.13124	14:06:00	D	4.10
522	JALANDHAR	SHAHKOT	S-NPP	75.31033	31.13395	14:06:00	D	14.30
523	JALANDHAR	SHAHKOT	S-NPP	75.33671	31.17509	14:06:00	D	1.90
524	JALANDHAR	SHAHKOT	S-NPP	75.38056	31.18358	14:06:00	D	1.90
525	KAPURTHALA	BHOLATH	S-NPP	75.50016	31.48636	14:06:00	D	4.40
526	KAPURTHALA	BHOLATH	S-NPP	75.50368	31.48664	14:06:00	D	4.40
527	KAPURTHALA	BHOLATH	S-NPP	75.50245	31.48890	14:06:00	D	8.50
528	KAPURTHALA	BHOLATH	S-NPP	75.49439	31.49864	14:06:00	D	5.00
529	KAPURTHALA	BHOLATH	S-NPP	75.49741	31.50403	14:06:00	D	5.10
530	KAPURTHALA	BHOLATH	S-NPP	75.45673	31.52161	14:06:00	D	5.30
531	KAPURTHALA	BHOLATH	S-NPP	75.44922	31.52620	14:06:00	D	2.90
532	KAPURTHALA	BHOLATH	S-NPP	75.50140	31.53535	14:06:00	D	21.70
533	KAPURTHALA	BHOLATH	S-NPP	75.51349	31.55698	14:06:00	D	4.60
534	KAPURTHALA	BHOLATH	S-NPP	75.51298	31.56212	14:06:00	D	4.60
535	KAPURTHALA	BHOLATH	S-NPP	75.51652	31.56240	14:06:00	D	4.60
536	KAPURTHALA	BHOLATH	S-NPP	75.59470	31.56846	14:06:00	D	2.70
537	KAPURTHALA	BHOLATH	S-NPP	75.48276	31.58043	14:06:00	D	8.20
538	KAPURTHALA	BHOLATH	S-NPP	75.48628	31.58072	14:06:00	D	8.20
539	KAPURTHALA	BHOLATH	S-NPP	75.48981	31.58100	14:06:00	D	5.80
540	KAPURTHALA	BHOLATH	S-NPP	75.49333	31.58128	14:06:00	D	5.80

541	KAPURTHALA	BHOLATH	S-NPP	75.53576	31.58463	14:06:00	D	1.30
542	KAPURTHALA	BHOLATH	S-NPP	75.48930	31.58612	14:06:00	D	5.40
543	KAPURTHALA	BHOLATH	S-NPP	75.49281	31.58640	14:06:00	D	5.40
544	KAPURTHALA	BHOLATH	S-NPP	75.44552	31.61569	14:06:00	D	3.10
545	KAPURTHALA	KAPURTHALA	S-NPP	75.33158	31.30093	14:06:00	D	6.00
546	KAPURTHALA	KAPURTHALA	S-NPP	75.33499	31.30120	14:06:00	D	6.00
547	KAPURTHALA	KAPURTHALA	S-NPP	75.33922	31.38123	14:06:00	D	1.50
548	KAPURTHALA	KAPURTHALA	S-NPP	75.48222	31.38170	14:06:00	D	3.70
549	KAPURTHALA	KAPURTHALA	S-NPP	75.23375	31.38842	14:06:00	D	16.80
550	KAPURTHALA	KAPURTHALA	S-NPP	75.24052	31.38894	14:06:00	D	16.80
551	KAPURTHALA	KAPURTHALA	S-NPP	75.35725	31.40820	14:06:00	D	2.00
552	KAPURTHALA	KAPURTHALA	S-NPP	75.24266	31.43490	14:06:00	D	5.90
553	KAPURTHALA	KAPURTHALA	S-NPP	75.27915	31.46333	14:06:00	D	2.50
554	KAPURTHALA	KAPURTHALA	S-NPP	75.28493	31.47401	14:06:00	D	2.50
555	KAPURTHALA	KAPURTHALA	S-NPP	75.44182	31.49471	14:06:00	D	13.40
556	KAPURTHALA	KAPURTHALA	S-NPP	75.34840	31.51843	14:06:00	D	1.70
557	KAPURTHALA	PHAGWARA	S-NPP	75.73515	31.28882	14:06:00	D	4.20
558	KAPURTHALA	PHAGWARA	S-NPP	75.73271	31.28974	14:06:00	D	3.50
559	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.07256	31.20470	14:06:00	D	3.90
560	KAPURTHALA	SULTANPUR LODHI	S-NPP	75.23994	31.27852	14:06:00	D	15.70
561	LUDHIANA	JAGRAON	S-NPP	75.46589	30.63721	14:06:00	D	4.40
562	LUDHIANA	JAGRAON	S-NPP	75.44186	30.67111	14:06:00	D	6.50
563	LUDHIANA	JAGRAON	S-NPP	75.44526	30.67137	14:06:00	D	6.50
564	LUDHIANA	JAGRAON	S-NPP	75.54018	30.75595	14:06:00	D	4.60
565	LUDHIANA	JAGRAON	S-NPP	75.53801	30.75818	14:06:00	D	7.40
566	LUDHIANA	JAGRAON	S-NPP	75.54146	30.75845	14:06:00	D	8.80
567	LUDHIANA	JAGRAON	S-NPP	75.53967	30.76105	14:06:00	D	4.60
568	LUDHIANA	JAGRAON	S-NPP	75.50253	30.76573	14:06:00	D	2.10
569	LUDHIANA	JAGRAON	S-NPP	75.56653	30.78611	14:06:00	D	2.30
570	LUDHIANA	JAGRAON	S-NPP	75.40294	30.79881	14:06:00	D	2.50
571	LUDHIANA	JAGRAON	S-NPP	75.54770	30.80009	14:06:00	D	3.50
572	LUDHIANA	JAGRAON	S-NPP	75.50378	30.82229	14:06:00	D	2.30

573	LUDHIANA	JAGRAON	S-NPP	75.51753	30.82340	14:06:00	D	4.50
574	LUDHIANA	JAGRAON	S-NPP	75.51701	30.82850	14:06:00	D	7.90
575	LUDHIANA	JAGRAON	S-NPP	75.47186	30.82996	14:06:00	D	3.10
576	LUDHIANA	JAGRAON	S-NPP	75.51600	30.83869	14:06:00	D	2.00
577	LUDHIANA	JAGRAON	S-NPP	75.48741	30.85495	14:06:00	D	5.70
578	LUDHIANA	JAGRAON	S-NPP	75.49085	30.85521	14:06:00	D	9.50
579	LUDHIANA	JAGRAON	S-NPP	75.48988	30.85710	14:06:00	D	6.80
580	LUDHIANA	JAGRAON	S-NPP	75.49033	30.86030	14:06:00	D	6.40
581	LUDHIANA	JAGRAON	S-NPP	75.48938	30.86219	14:06:00	D	6.80
582	LUDHIANA	JAGRAON	S-NPP	75.49670	30.86592	14:06:00	D	7.90
583	LUDHIANA	JAGRAON	S-NPP	75.60361	30.87164	14:06:00	D	8.10
584	LUDHIANA	JAGRAON	S-NPP	75.60710	30.87193	14:06:00	D	11.90
585	LUDHIANA	JAGRAON	S-NPP	75.60423	30.87411	14:06:00	D	11.80
586	LUDHIANA	JAGRAON	S-NPP	75.58872	30.88843	14:06:00	D	6.30
587	LUDHIANA	KHANNA	S-NPP	76.17230	30.74810	14:06:00	D	3.70
588	LUDHIANA	LUDHIANA WEST	S-NPP	75.72060	30.74479	14:06:00	D	5.80
589	LUDHIANA	PAYAL	S-NPP	76.08767	30.57781	14:06:00	D	3.50
590	LUDHIANA	PAYAL	S-NPP	76.08901	30.57867	14:06:00	D	2.60
591	LUDHIANA	PAYAL	S-NPP	75.98534	30.60200	14:06:00	D	2.80
592	LUDHIANA	PAYAL	S-NPP	75.99580	30.60805	14:06:00	D	5.30
593	LUDHIANA	PAYAL	S-NPP	75.94119	30.64075	14:06:00	D	5.40
594	LUDHIANA	RAIKOT	S-NPP	75.46766	30.63377	14:06:00	D	5.30
595	LUDHIANA	SAMRALA	S-NPP	76.18539	30.77044	14:06:00	D	2.80
596	LUDHIANA	SAMRALA	S-NPP	76.11723	30.77058	14:06:00	D	9.60
597	LUDHIANA	SAMRALA	S-NPP	76.29116	30.85649	14:06:00	D	1.20
598	LUDHIANA	SAMRALA	S-NPP	76.19433	30.88856	02:48:00	N	0.30
599	LUDHIANA	SAMRALA	S-NPP	76.27830	30.91470	14:06:00	D	1.70
600	LUDHIANA	SAMRALA	S-NPP	76.26729	30.92801	14:06:00	D	7.00
601	LUDHIANA	SAMRALA	S-NPP	76.27871	30.97186	14:06:00	D	8.70
602	MANSA	BUDHLADA	S-NPP	75.69635	29.75620	14:06:00	D	7.80
603	MANSA	BUDHLADA	S-NPP	75.69975	29.75648	14:06:00	D	7.80
604	MANSA	BUDHLADA	S-NPP	75.50326	29.80638	14:06:00	D	2.90

605	MANSA	BUDHLADA	S-NPP	75.60745	29.81392	14:06:00	D	2.40
606	MANSA	BUDHLADA	S-NPP	75.68930	29.81523	14:06:00	D	1.70
607	MANSA	BUDHLADA	S-NPP	75.62190	29.81663	14:06:00	D	1.60
608	MANSA	BUDHLADA	S-NPP	75.69016	29.81734	14:06:00	D	3.80
609	MANSA	BUDHLADA	S-NPP	75.59682	29.81818	14:06:00	D	1.30
610	MANSA	BUDHLADA	S-NPP	75.73034	29.81843	14:06:00	D	4.20
611	MANSA	BUDHLADA	S-NPP	75.62379	29.82033	14:06:00	D	3.50
612	MANSA	BUDHLADA	S-NPP	75.73112	29.82081	14:06:00	D	3.40
613	MANSA	BUDHLADA	S-NPP	75.70375	29.84207	14:06:00	D	3.60
614	MANSA	BUDHLADA	S-NPP	75.48463	29.84474	14:06:00	D	46.10
615	MANSA	BUDHLADA	S-NPP	75.54243	29.86987	14:06:00	D	6.30
616	MANSA	BUDHLADA	S-NPP	75.61183	29.87052	14:06:00	D	2.40
617	MANSA	BUDHLADA	S-NPP	75.61807	29.87616	14:06:00	D	2.80
618	MANSA	BUDHLADA	S-NPP	75.70731	29.90925	14:06:00	D	2.60
619	MANSA	BUDHLADA	S-NPP	75.71975	29.92288	14:06:00	D	8.70
620	MANSA	BUDHLADA	S-NPP	75.71604	29.92544	14:06:00	D	4.80
621	MANSA	BUDHLADA	S-NPP	75.71947	29.92573	14:06:00	D	10.20
622	MANSA	BUDHLADA	S-NPP	75.52892	29.93341	14:06:00	D	7.80
623	MANSA	BUDHLADA	S-NPP	75.64429	29.95291	14:06:00	D	2.60
624	MANSA	BUDHLADA	S-NPP	75.57214	29.95732	14:06:00	D	1.70
625	MANSA	BUDHLADA	S-NPP	75.63197	29.97244	14:06:00	D	5.30
626	MANSA	BUDHLADA	S-NPP	75.57733	29.97307	14:06:00	D	2.00
627	MANSA	BUDHLADA	S-NPP	75.57965	29.98349	14:06:00	D	3.30
628	MANSA	BUDHLADA	S-NPP	75.65089	29.98938	14:06:00	D	14.90
629	MANSA	BUDHLADA	S-NPP	75.61226	30.02030	14:06:00	D	3.40
630	MANSA	BUDHLADA	S-NPP	75.61330	30.02215	14:06:00	D	3.20
631	MANSA	MANSA	S-NPP	75.19056	29.89571	14:06:00	D	7.50
632	MANSA	MANSA	S-NPP	75.34571	29.90340	14:06:00	D	8.30
633	MANSA	MANSA	S-NPP	75.34610	29.90373	14:06:00	D	9.20
634	MANSA	MANSA	S-NPP	75.33165	29.91232	14:06:00	D	3.30
635	MANSA	MANSA	S-NPP	75.36916	29.93052	14:06:00	D	7.90
636	MANSA	MANSA	S-NPP	75.32901	29.93727	14:06:00	D	6.80

637	MANSA	MANSA	S-NPP	75.23055	29.94404	14:06:00	D	5.60
638	MANSA	MANSA	TERRA-1	75.45381	29.95047	11:01:00	D	22.13
639	MANSA	MANSA	S-NPP	75.43726	29.97666	14:06:00	D	11.70
640	MANSA	MANSA	S-NPP	75.50420	29.97721	14:06:00	D	3.70
641	MANSA	MANSA	S-NPP	75.35987	30.00540	14:06:00	D	7.30
642	MANSA	MANSA	S-NPP	75.36134	30.00556	14:06:00	D	6.90
643	MANSA	MANSA	S-NPP	75.46445	30.02392	14:06:00	D	14.10
644	MANSA	MANSA	S-NPP	75.46577	30.02478	14:06:00	D	16.20
645	MANSA	MANSA	S-NPP	75.51630	30.04335	14:06:00	D	18.00
646	MANSA	MANSA	S-NPP	75.52300	30.04389	14:06:00	D	18.00
647	MANSA	MANSA	S-NPP	75.45518	30.04856	14:06:00	D	29.90
648	MANSA	MANSA	S-NPP	75.33445	30.05881	14:06:00	D	18.00
649	MANSA	MANSA	S-NPP	75.38589	30.07323	14:06:00	D	2.40
650	MANSA	MANSA	S-NPP	75.40569	30.07489	14:06:00	D	7.10
651	MANSA	MANSA	S-NPP	75.60787	30.09684	14:06:00	D	4.20
652	MANSA	MANSA	S-NPP	75.28191	30.09949	14:06:00	D	5.90
653	MANSA	MANSA	S-NPP	75.28423	30.09984	14:06:00	D	13.10
654	MANSA	MANSA	S-NPP	75.42902	30.10729	14:06:00	D	4.70
655	MANSA	MANSA	S-NPP	75.42643	30.11101	14:06:00	D	9.30
656	MANSA	MANSA	S-NPP	75.61373	30.12056	14:06:00	D	5.90
657	MANSA	MANSA	S-NPP	75.54819	30.12569	14:06:00	D	3.90
658	MANSA	MANSA	S-NPP	75.61662	30.12592	14:06:00	D	5.90
659	MANSA	MANSA	S-NPP	75.54669	30.12753	14:06:00	D	3.60
660	MANSA	MANSA	S-NPP	75.61500	30.12822	14:06:00	D	6.00
661	MANSA	MANSA	S-NPP	75.61839	30.12850	14:06:00	D	6.00
662	MANSA	MANSA	S-NPP	75.54429	30.13050	14:06:00	D	3.90
663	MANSA	MANSA	S-NPP	75.44327	30.14281	14:06:00	D	4.70
664	MANSA	MANSA	S-NPP	75.44275	30.14785	14:06:00	D	11.60
665	MANSA	MANSA	S-NPP	75.43557	30.15235	14:06:00	D	10.10
666	MANSA	MANSA	S-NPP	75.38198	30.15302	14:06:00	D	17.20
667	MANSA	MANSA	S-NPP	75.48126	30.16625	14:06:00	D	5.50
668	MANSA	MANSA	S-NPP	75.41912	30.18144	14:06:00	D	2.30

669	MANSA	MANSA	S-NPP	75.39157	30.18928	14:06:00	D	11.40
670	MANSA	SARDULGARH	S-NPP	75.28873	29.68198	14:06:00	D	3.70
671	MANSA	SARDULGARH	S-NPP	75.29263	29.68268	14:06:00	D	5.80
672	MANSA	SARDULGARH	S-NPP	75.35180	29.73780	14:06:00	D	3.60
673	MANSA	SARDULGARH	S-NPP	75.37772	29.73999	14:06:00	D	4.50
674	MANSA	SARDULGARH	S-NPP	75.37721	29.74498	14:06:00	D	4.50
675	MANSA	SARDULGARH	S-NPP	75.37668	29.74998	14:06:00	D	5.70
676	MANSA	SARDULGARH	S-NPP	75.36161	29.76883	14:06:00	D	12.70
677	MANSA	SARDULGARH	S-NPP	75.41138	29.78310	14:06:00	D	9.70
678	MANSA	SARDULGARH	S-NPP	75.41270	29.78334	14:06:00	D	7.60
679	MANSA	SARDULGARH	S-NPP	75.42083	29.81923	14:06:00	D	18.60
680	MANSA	SARDULGARH	S-NPP	75.36745	29.82493	14:06:00	D	6.30
681	MANSA	SARDULGARH	S-NPP	75.22469	29.88301	14:06:00	D	9.70
682	MANSA	SARDULGARH	S-NPP	75.22409	29.88348	14:06:00	D	7.30
683	MOGA	BAGHA PURANA	S-NPP	75.02237	30.49524	14:06:00	D	7.40
684	MOGA	BAGHA PURANA	S-NPP	75.01994	30.49627	14:06:00	D	6.00
685	MOGA	BAGHA PURANA	S-NPP	75.06194	30.52458	14:06:00	D	3.00
686	MOGA	BAGHA PURANA	S-NPP	75.02640	30.61625	14:06:00	D	4.00
687	MOGA	BAGHA PURANA	S-NPP	74.96266	30.69309	14:06:00	D	4.90
688	MOGA	BAGHA PURANA	S-NPP	74.92511	30.74461	14:06:00	D	11.40
689	MOGA	BAGHA PURANA	S-NPP	74.91090	30.75828	14:06:00	D	15.90
690	MOGA	MOGA	S-NPP	75.36058	30.68499	14:06:00	D	6.60
691	MOGA	MOGA	S-NPP	75.19747	30.75188	14:06:00	D	5.40
692	MOGA	MOGA	S-NPP	75.04159	30.79920	14:06:00	D	11.00
693	MOGA	MOGA	S-NPP	75.03606	30.85477	14:06:00	D	4.80
694	MOGA	NIHAL SINGH WALA	S-NPP	75.39143	30.59687	14:06:00	D	4.50
695	MOGA	NIHAL SINGH WALA	S-NPP	75.34412	30.64811	14:06:00	D	6.20
696	MOGA	NIHAL SINGH WALA	S-NPP	75.24125	30.71498	14:06:00	D	9.20
697	MOGA	NIHAL SINGH WALA	S-NPP	75.24331	30.71585	14:06:00	D	10.90
698	MUKTSAR	GIDDARBAHA	S-NPP	74.55263	30.19326	14:06:00	D	5.40
699	MUKTSAR	GIDDARBAHA	TERRA-1	74.59606	30.23044	11:01:00	D	13.76
700	MUKTSAR	GIDDARBAHA	S-NPP	74.67898	30.24324	14:06:00	D	4.70

701	MUKTSAR	GIDDARBAHA	S-NPP	74.68496	30.24378	14:06:00	D	8.60
702	MUKTSAR	GIDDARBAHA	S-NPP	74.53269	30.25386	14:06:00	D	7.90
703	MUKTSAR	GIDDARBAHA	S-NPP	74.53858	30.25437	14:06:00	D	7.90
704	MUKTSAR	GIDDARBAHA	S-NPP	74.53981	30.25475	14:06:00	D	16.10
705	MUKTSAR	GIDDARBAHA	S-NPP	74.52143	30.30104	14:06:00	D	5.90
706	MUKTSAR	GIDDARBAHA	S-NPP	74.59666	30.32220	14:06:00	D	11.60
707	MUKTSAR	GIDDARBAHA	S-NPP	74.61454	30.32380	14:06:00	D	11.00
708	MUKTSAR	GIDDARBAHA	S-NPP	74.50697	30.32382	14:06:00	D	2.10
709	MUKTSAR	GIDDARBAHA	S-NPP	74.60208	30.32753	14:06:00	D	5.80
710	MUKTSAR	GIDDARBAHA	S-NPP	74.69740	30.34087	14:06:00	D	12.40
711	MUKTSAR	GIDDARBAHA	S-NPP	74.65131	30.35546	14:06:00	D	8.30
712	MUKTSAR	GIDDARBAHA	S-NPP	74.65318	30.35637	14:06:00	D	16.60
713	MUKTSAR	GIDDARBAHA	S-NPP	74.65078	30.36027	14:06:00	D	4.20
714	MUKTSAR	GIDDARBAHA	S-NPP	74.79137	30.36218	14:06:00	D	17.70
715	MUKTSAR	GIDDARBAHA	S-NPP	74.79301	30.36402	14:06:00	D	20.20
716	MUKTSAR	GIDDARBAHA	S-NPP	74.67432	30.36710	14:06:00	D	9.90
717	MUKTSAR	GIDDARBAHA	S-NPP	74.67015	30.36762	14:06:00	D	5.10
718	MUKTSAR	GIDDARBAHA	S-NPP	74.74142	30.36784	14:06:00	D	3.50
719	MUKTSAR	GIDDARBAHA	S-NPP	74.67616	30.36817	14:06:00	D	7.10
720	MUKTSAR	GIDDARBAHA	S-NPP	74.73428	30.37701	14:06:00	D	2.80
721	MUKTSAR	GIDDARBAHA	S-NPP	74.73606	30.37847	14:06:00	D	6.10
722	MUKTSAR	GIDDARBAHA	S-NPP	74.56773	30.40161	14:06:00	D	12.40
723	MUKTSAR	GIDDARBAHA	S-NPP	74.74378	30.40222	14:06:00	D	9.40
724	MUKTSAR	GIDDARBAHA	S-NPP	74.74988	30.40274	14:06:00	D	16.40
725	MUKTSAR	GIDDARBAHA	S-NPP	74.72234	30.42968	14:06:00	D	9.00
726	MUKTSAR	GIDDARBAHA	S-NPP	74.64170	30.44206	14:06:00	D	6.90
727	MUKTSAR	MALAUT	S-NPP	74.51379	29.95384	14:06:00	D	8.10
728	MUKTSAR	MALAUT	S-NPP	74.47688	29.96972	14:06:00	D	24.80
729	MUKTSAR	MALAUT	S-NPP	74.48682	29.98498	14:06:00	D	9.40
730	MUKTSAR	MALAUT	TERRA-1	74.64552	29.98939	11:01:00	D	29.42
731	MUKTSAR	MALAUT	S-NPP	74.62652	30.00235	14:06:00	D	5.30
732	MUKTSAR	MALAUT	S-NPP	74.53113	30.00818	14:06:00	D	5.70

733	MUKTSAR	MALAUT	S-NPP	74.53059	30.01293	14:06:00	D	5.40
734	MUKTSAR	MALAUT	S-NPP	74.47518	30.03659	14:06:00	D	8.20
735	MUKTSAR	MALAUT	S-NPP	74.47800	30.03725	14:06:00	D	5.50
736	MUKTSAR	MALAUT	S-NPP	74.67937	30.04003	14:06:00	D	5.10
737	MUKTSAR	MALAUT	S-NPP	74.68204	30.04124	14:06:00	D	4.80
738	MUKTSAR	MALAUT	S-NPP	74.42477	30.09469	14:06:00	D	4.80
739	MUKTSAR	MALAUT	S-NPP	74.43053	30.09522	14:06:00	D	4.80
740	MUKTSAR	MALAUT	S-NPP	74.43468	30.10994	14:06:00	D	5.70
741	MUKTSAR	MALAUT	S-NPP	74.43095	30.14306	14:06:00	D	12.50
742	MUKTSAR	MALAUT	S-NPP	74.48938	30.14374	14:06:00	D	10.00
743	MUKTSAR	MALAUT	S-NPP	74.42870	30.14398	14:06:00	D	8.60
744	MUKTSAR	MALAUT	S-NPP	74.43448	30.14448	14:06:00	D	8.80
745	MUKTSAR	MALAUT	S-NPP	74.49303	30.14477	14:06:00	D	6.00
746	MUKTSAR	MALAUT	S-NPP	74.39304	30.15041	14:06:00	D	6.90
747	MUKTSAR	MALAUT	S-NPP	74.51530	30.15630	14:06:00	D	2.50
748	MUKTSAR	MALAUT	S-NPP	74.56065	30.17469	14:06:00	D	16.70
749	MUKTSAR	MALAUT	S-NPP	74.44750	30.18391	14:06:00	D	3.60
750	MUKTSAR	MALAUT	S-NPP	74.44698	30.18865	14:06:00	D	4.00
751	MUKTSAR	MALAUT	TERRA-1	74.44259	30.20349	11:01:00	D	15.44
752	MUKTSAR	MALAUT	S-NPP	74.52789	30.24382	14:06:00	D	5.60
753	MUKTSAR	MALAUT	S-NPP	74.41166	30.28169	14:06:00	D	11.90
754	MUKTSAR	MALAUT	S-NPP	74.36010	30.32479	14:06:00	D	5.20
755	MUKTSAR	MALAUT	S-NPP	74.48300	30.32646	14:06:00	D	11.40
756	MUKTSAR	MALAUT	S-NPP	74.47077	30.33015	14:06:00	D	7.50
757	MUKTSAR	MALAUT	S-NPP	74.41048	30.34379	14:06:00	D	6.50
758	MUKTSAR	MALAUT	S-NPP	74.40820	30.34450	14:06:00	D	6.70
759	MUKTSAR	MUKTSAR	S-NPP	74.43456	30.37073	14:06:00	D	7.40
760	MUKTSAR	MUKTSAR	S-NPP	74.47492	30.37905	14:06:00	D	44.90
761	MUKTSAR	MUKTSAR	S-NPP	74.38484	30.39506	14:06:00	D	7.10
762	MUKTSAR	MUKTSAR	S-NPP	74.51822	30.41656	14:06:00	D	7.70
763	MUKTSAR	MUKTSAR	S-NPP	74.35059	30.43973	14:06:00	D	8.40
764	MUKTSAR	MUKTSAR	S-NPP	74.35635	30.44026	14:06:00	D	8.40

765	MUKTSAR	MUKTSAR	S-NPP	74.35345	30.44085	14:06:00	D	14.40
766	MUKTSAR	MUKTSAR	S-NPP	74.42013	30.44615	14:06:00	D	2.90
767	MUKTSAR	MUKTSAR	S-NPP	74.41730	30.44631	14:06:00	D	2.50
768	MUKTSAR	MUKTSAR	S-NPP	74.36285	30.46076	14:06:00	D	7.00
769	MUKTSAR	MUKTSAR	S-NPP	74.52522	30.48925	14:06:00	D	4.90
770	MUKTSAR	MUKTSAR	S-NPP	74.69267	30.50850	14:06:00	D	7.30
771	MUKTSAR	MUKTSAR	S-NPP	74.42571	30.52859	14:06:00	D	5.80
772	MUKTSAR	MUKTSAR	S-NPP	74.43158	30.52912	14:06:00	D	5.80
773	MUKTSAR	MUKTSAR	S-NPP	74.65863	30.53965	14:06:00	D	26.80
774	MUKTSAR	MUKTSAR	S-NPP	74.66468	30.54019	14:06:00	D	20.90
775	MUKTSAR	MUKTSAR	S-NPP	74.40609	30.54601	14:06:00	D	7.80
776	MUKTSAR	MUKTSAR	S-NPP	74.40376	30.54652	14:06:00	D	9.20
777	MUKTSAR	MUKTSAR	S-NPP	74.48495	30.56301	14:06:00	D	8.60
778	MUKTSAR	MUKTSAR	S-NPP	74.48717	30.56304	14:06:00	D	11.00
779	MUKTSAR	MUKTSAR	S-NPP	74.48663	30.56782	14:06:00	D	5.20
780	MUKTSAR	MUKTSAR	S-NPP	74.55782	30.57433	14:06:00	D	5.10
781	MUKTSAR	MUKTSAR	S-NPP	74.53619	30.58668	14:06:00	D	6.50
782	MUKTSAR	MUKTSAR	S-NPP	74.42873	30.58706	14:06:00	D	13.20
783	MUKTSAR	MUKTSAR	S-NPP	74.38671	30.59298	14:06:00	D	19.20
784	MUKTSAR	MUKTSAR	S-NPP	74.51080	30.59899	14:06:00	D	7.20
785	MUKTSAR	MUKTSAR	S-NPP	74.52216	30.60481	14:06:00	D	3.40
786	MUKTSAR	MUKTSAR	S-NPP	74.63718	30.60500	14:06:00	D	6.80
787	MUKTSAR	MUKTSAR	S-NPP	74.58629	30.62491	14:06:00	D	14.70
788	MUKTSAR	MUKTSAR	S-NPP	74.57976	30.62919	14:06:00	D	24.70
789	MUKTSAR	MUKTSAR	S-NPP	74.58575	30.62972	14:06:00	D	14.70
790	MUKTSAR	MUKTSAR	S-NPP	74.51250	30.63778	14:06:00	D	4.10
791	MUKTSAR	MUKTSAR	S-NPP	74.53629	30.63990	14:06:00	D	10.80
792	MUKTSAR	MUKTSAR	S-NPP	74.54224	30.64042	14:06:00	D	10.80
793	MUKTSAR	MUKTSAR	S-NPP	74.50389	30.66117	14:06:00	D	4.00
794	MUKTSAR	MUKTSAR	S-NPP	74.51858	30.66660	14:06:00	D	2.90
795	MUKTSAR	MUKTSAR	S-NPP	74.52121	30.66757	14:06:00	D	3.90
796	NAWASHAHR	NAWASHAHR	S-NPP	76.02284	31.00492	14:06:00	D	2.60

797	NAWASHAHR	NAWASHAHR	S-NPP	76.02394	31.00595	14:06:00	D	2.50
798	NAWASHAHR	NAWASHAHR	S-NPP	76.08607	31.05204	14:06:00	D	4.40
799	NAWASHAHR	NAWASHAHR	S-NPP	76.08982	31.05232	14:06:00	D	4.40
800	NAWASHAHR	NAWASHAHR	S-NPP	76.15472	31.06888	02:48:00	N	0.50
801	NAWASHAHR	NAWASHAHR	S-NPP	76.18930	31.09178	14:06:00	D	3.00
802	NAWASHAHR	NAWASHAHR	S-NPP	76.05728	31.11294	14:06:00	D	1.70
803	NAWASHAHR	NAWASHAHR	S-NPP	76.10236	31.15882	14:06:00	D	4.70
804	PATIALA	NABHA	S-NPP	76.09141	30.32570	14:06:00	D	8.20
805	PATIALA	NABHA	S-NPP	76.06112	30.33393	14:06:00	D	10.30
806	PATIALA	NABHA	S-NPP	76.06478	30.33421	14:06:00	D	10.30
807	PATIALA	NABHA	S-NPP	76.06429	30.33945	14:06:00	D	10.30
808	PATIALA	NABHA	S-NPP	76.18653	30.34364	14:06:00	D	6.00
809	PATIALA	NABHA	S-NPP	76.04765	30.35926	14:06:00	D	1.30
810	PATIALA	NABHA	S-NPP	76.04750	30.36413	14:06:00	D	2.70
811	PATIALA	NABHA	S-NPP	76.04396	30.40081	14:06:00	D	2.00
812	PATIALA	NABHA	S-NPP	76.17957	30.42162	14:06:00	D	3.70
813	PATIALA	NABHA	S-NPP	76.22770	30.43056	14:06:00	D	4.90
814	PATIALA	NABHA	S-NPP	76.27567	30.44485	14:06:00	D	23.10
815	PATIALA	NABHA	S-NPP	76.23698	30.45261	14:06:00	D	3.60
816	PATIALA	NABHA	S-NPP	76.12303	30.46511	14:06:00	D	4.40
817	PATIALA	NABHA	TERRA-1	76.26381	30.47299	11:01:00	D	11.11
818	PATIALA	NABHA	S-NPP	76.28223	30.49193	14:06:00	D	2.80
819	PATIALA	NABHA	S-NPP	76.25522	30.49535	14:06:00	D	2.90
820	PATIALA	NABHA	S-NPP	76.25564	30.49682	14:06:00	D	2.80
821	PATIALA	NABHA	TERRA-1	76.09294	30.49904	11:01:00	D	18.94
822	PATIALA	NABHA	S-NPP	76.18166	30.51134	14:06:00	D	0.90
823	PATIALA	NABHA	S-NPP	76.23460	30.55264	14:06:00	D	4.00
824	PATIALA	NABHA	S-NPP	76.23410	30.55795	14:06:00	D	2.70
825	PATIALA	PATIALA	S-NPP	76.33985	30.10181	14:06:00	D	1.80
826	PATIALA	PATIALA	S-NPP	76.31948	30.11635	14:06:00	D	5.70
827	PATIALA	PATIALA	S-NPP	76.32325	30.11664	14:06:00	D	9.70
828	PATIALA	PATIALA	S-NPP	76.48903	30.15060	14:06:00	D	5.80

829	PATIALA	PATIALA	S-NPP	76.49674	30.15117	14:06:00	D	2.50
830	PATIALA	PATIALA	S-NPP	76.51221	30.15233	14:06:00	D	6.60
831	PATIALA	PATIALA	S-NPP	76.51610	30.15262	14:06:00	D	6.60
832	PATIALA	PATIALA	S-NPP	76.49959	30.16220	14:06:00	D	4.40
833	PATIALA	PATIALA	S-NPP	76.50346	30.16250	14:06:00	D	6.40
834	PATIALA	PATIALA	S-NPP	76.37222	30.16324	14:06:00	D	3.90
835	PATIALA	PATIALA	S-NPP	76.35603	30.17272	14:06:00	D	4.30
836	PATIALA	PATIALA	S-NPP	76.35438	30.17572	14:06:00	D	4.60
837	PATIALA	PATIALA	S-NPP	76.30094	30.17723	14:06:00	D	3.80
838	PATIALA	PATIALA	S-NPP	76.30471	30.17750	14:06:00	D	3.80
839	PATIALA	PATIALA	S-NPP	76.29843	30.17890	14:06:00	D	2.30
840	PATIALA	PATIALA	S-NPP	76.30219	30.17920	14:06:00	D	7.40
841	PATIALA	PATIALA	S-NPP	76.36929	30.19523	14:06:00	D	1.20
842	PATIALA	PATIALA	S-NPP	76.35514	30.20796	14:06:00	D	5.70
843	PATIALA	PATIALA	S-NPP	76.39324	30.21076	14:06:00	D	7.80
844	PATIALA	PATIALA	S-NPP	76.51306	30.21406	14:06:00	D	6.80
845	PATIALA	PATIALA	S-NPP	76.51694	30.21434	14:06:00	D	6.80
846	PATIALA	PATIALA	S-NPP	76.39654	30.21638	14:06:00	D	10.90
847	PATIALA	PATIALA	S-NPP	76.51256	30.21944	14:06:00	D	3.40
848	PATIALA	PATIALA	S-NPP	76.51207	30.22482	14:06:00	D	3.40
849	PATIALA	PATIALA	S-NPP	76.18549	30.24319	14:06:00	D	11.60
850	PATIALA	PATIALA	S-NPP	76.31654	30.25331	14:06:00	D	8.00
851	PATIALA	PATIALA	S-NPP	76.51684	30.25767	14:06:00	D	2.10
852	PATIALA	PATIALA	S-NPP	76.26234	30.26516	14:06:00	D	5.90
853	PATIALA	PATIALA	S-NPP	76.54749	30.26538	14:06:00	D	3.80
854	PATIALA	PATIALA	S-NPP	76.55140	30.26567	14:06:00	D	3.80
855	PATIALA	PATIALA	S-NPP	76.20107	30.27025	14:06:00	D	4.40
856	PATIALA	PATIALA	S-NPP	76.26184	30.27046	14:06:00	D	5.90
857	PATIALA	PATIALA	S-NPP	76.26559	30.27075	14:06:00	D	5.90
858	PATIALA	PATIALA	S-NPP	76.20155	30.27104	14:06:00	D	4.60
859	PATIALA	PATIALA	S-NPP	76.27634	30.27694	14:06:00	D	4.20
860	PATIALA	PATIALA	S-NPP	76.49156	30.27743	14:06:00	D	2.40

861	PATIALA	PATIALA	S-NPP	76.27550	30.28096	14:06:00	D	3.90
862	PATIALA	PATIALA	S-NPP	76.21874	30.28218	14:06:00	D	3.90
863	PATIALA	PATIALA	S-NPP	76.21922	30.28309	14:06:00	D	8.20
864	PATIALA	PATIALA	S-NPP	76.21824	30.28747	14:06:00	D	3.90
865	PATIALA	PATIALA	S-NPP	76.22198	30.28774	14:06:00	D	5.20
866	PATIALA	PATIALA	S-NPP	76.22246	30.28868	14:06:00	D	5.70
867	PATIALA	PATIALA	S-NPP	76.60043	30.29111	14:06:00	D	9.60
868	PATIALA	PATIALA	S-NPP	76.54076	30.29440	14:06:00	D	5.10
869	PATIALA	PATIALA	S-NPP	76.30499	30.29525	14:06:00	D	3.40
870	PATIALA	PATIALA	S-NPP	76.31350	30.32120	14:06:00	D	4.50
871	PATIALA	PATIALA	S-NPP	76.31730	30.32148	14:06:00	D	6.10
872	PATIALA	PATIALA	S-NPP	76.30192	30.36319	14:06:00	D	3.60
873	PATIALA	PATIALA	S-NPP	76.30571	30.36348	14:06:00	D	4.70
874	PATIALA	PATIALA	S-NPP	76.51035	30.36816	14:06:00	D	2.20
875	PATIALA	PATIALA	S-NPP	76.27271	30.39647	14:06:00	D	2.10
876	PATIALA	PATIALA	S-NPP	76.43045	30.39701	14:06:00	D	1.30
877	PATIALA	PATIALA	S-NPP	76.41348	30.41198	14:06:00	D	6.00
878	PATIALA	PATIALA	S-NPP	76.41734	30.41226	14:06:00	D	10.10
879	PATIALA	PATIALA	S-NPP	76.41685	30.41762	14:06:00	D	10.10
880	PATIALA	PATIALA	S-NPP	76.32325	30.42695	14:06:00	D	9.50
881	PATIALA	PATIALA	S-NPP	76.42155	30.45035	14:06:00	D	8.70
882	PATIALA	PATIALA	S-NPP	76.47582	30.45435	14:06:00	D	4.70
883	PATIALA	RAJPURA	S-NPP	76.65531	30.30071	14:06:00	D	6.00
884	PATIALA	RAJPURA	S-NPP	76.57148	30.30523	14:06:00	D	3.80
885	PATIALA	RAJPURA	S-NPP	76.62685	30.30584	14:06:00	D	2.00
886	PATIALA	RAJPURA	S-NPP	76.62659	30.30945	14:06:00	D	2.40
887	PATIALA	RAJPURA	S-NPP	76.64468	30.32892	14:06:00	D	5.80
888	PATIALA	RAJPURA	S-NPP	76.66354	30.34119	14:06:00	D	2.30
889	PATIALA	RAJPURA	S-NPP	76.64617	30.35635	14:06:00	D	5.80
890	PATIALA	RAJPURA	S-NPP	76.65015	30.35664	14:06:00	D	8.90
891	PATIALA	RAJPURA	S-NPP	76.71404	30.36123	14:06:00	D	4.80
892	PATIALA	RAJPURA	S-NPP	76.58481	30.37369	14:06:00	D	9.50

893	PATIALA	RAJPURA	S-NPP	76.67655	30.37496	14:06:00	D	5.50
894	PATIALA	RAJPURA	S-NPP	76.61941	30.38716	14:06:00	D	6.70
895	PATIALA	RAJPURA	S-NPP	76.62337	30.38745	14:06:00	D	11.80
896	PATIALA	RAJPURA	S-NPP	76.60902	30.41367	14:06:00	D	3.70
897	PATIALA	RAJPURA	S-NPP	76.60991	30.41500	14:06:00	D	3.70
898	PATIALA	RAJPURA	S-NPP	76.73146	30.45087	14:06:00	D	2.50
899	PATIALA	RAJPURA	S-NPP	76.71892	30.49944	14:06:00	D	4.90
900	PATIALA	RAJPURA	S-NPP	76.71037	30.50431	14:06:00	D	3.70
901	PATIALA	RAJPURA	TERRA-1	76.72423	30.51790	11:01:00	D	11.27
902	PATIALA	RAJPURA	TERRA-1	76.57928	30.56432	11:01:00	D	8.97
903	PATIALA	RAJPURA	TERRA-1	76.52983	30.60774	11:01:00	D	6.28
904	PATIALA	RAJPURA	S-NPP	76.53129	30.60905	14:06:00	D	4.10
905	PATIALA	SAMANA	S-NPP	76.21840	29.84534	14:06:00	D	2.30
906	PATIALA	SAMANA	S-NPP	76.09040	29.87229	14:06:00	D	2.60
907	PATIALA	SAMANA	S-NPP	76.14434	29.88170	14:06:00	D	4.70
908	PATIALA	SAMANA	S-NPP	76.16936	29.88890	14:06:00	D	2.70
909	PATIALA	SAMANA	S-NPP	76.11067	29.92657	14:06:00	D	5.10
910	PATIALA	SAMANA	S-NPP	76.08118	29.92948	14:06:00	D	20.60
911	PATIALA	SAMANA	S-NPP	76.09094	29.94588	14:06:00	D	1.00
912	PATIALA	SAMANA	S-NPP	76.15288	29.95048	14:06:00	D	10.10
913	PATIALA	SAMANA	S-NPP	76.15233	29.95103	14:06:00	D	10.70
914	PATIALA	SAMANA	S-NPP	76.14140	29.95491	14:06:00	D	2.70
915	PATIALA	SAMANA	S-NPP	76.14088	29.95540	14:06:00	D	2.00
916	PATIALA	SAMANA	S-NPP	76.09717	29.95688	14:06:00	D	10.90
917	PATIALA	SAMANA	S-NPP	76.09676	29.95708	14:06:00	D	9.60
918	PATIALA	SAMANA	S-NPP	76.19538	29.96951	14:06:00	D	21.40
919	PATIALA	SAMANA	S-NPP	76.19907	29.96979	14:06:00	D	21.40
920	PATIALA	SAMANA	S-NPP	76.19845	29.97066	14:06:00	D	23.00
921	PATIALA	SAMANA	S-NPP	76.19488	29.97478	14:06:00	D	5.80
922	PATIALA	SAMANA	S-NPP	76.19855	29.97506	14:06:00	D	5.80
923	PATIALA	SAMANA	S-NPP	76.19437	29.98004	14:06:00	D	5.80
924	PATIALA	SAMANA	S-NPP	76.08427	30.01387	14:06:00	D	4.90

925	PATIALA	SAMANA	S-NPP	76.08376	30.01910	14:06:00	D	8.70
926	PATIALA	SAMANA	S-NPP	76.15051	30.05081	14:06:00	D	5.80
927	PATIALA	SAMANA	S-NPP	76.23754	30.07370	14:06:00	D	3.20
928	PATIALA	SAMANA	S-NPP	76.22057	30.08762	14:06:00	D	3.80
929	PATIALA	SAMANA	S-NPP	76.22429	30.08789	14:06:00	D	3.80
930	PATIALA	SAMANA	S-NPP	76.07744	30.11376	14:06:00	D	4.10
931	PATIALA	SAMANA	S-NPP	76.09991	30.14720	14:06:00	D	4.30
932	PATIALA	SAMANA	S-NPP	76.10356	30.14749	14:06:00	D	7.00
933	PATIALA	SAMANA	S-NPP	76.24004	30.15829	14:06:00	D	3.20
934	PATIALA	SAMANA	S-NPP	76.27369	30.16093	14:06:00	D	6.80
935	PATIALA	SAMANA	S-NPP	76.27742	30.16122	14:06:00	D	6.80
936	PATIALA	SAMANA	S-NPP	76.25214	30.17370	14:06:00	D	11.00
937	PATIALA	SAMANA	S-NPP	76.25588	30.17397	14:06:00	D	15.40
938	PATIALA	SAMANA	S-NPP	76.25347	30.17533	14:06:00	D	20.50
939	PATIALA	SAMANA	S-NPP	76.25722	30.17563	14:06:00	D	19.00
940	PATIALA	SAMANA	S-NPP	76.25164	30.17899	14:06:00	D	12.50
941	PATIALA	SAMANA	S-NPP	76.25539	30.17926	14:06:00	D	30.60
942	PATIALA	SAMANA	S-NPP	76.26289	30.17981	14:06:00	D	5.10
943	PATIALA	SAMANA	S-NPP	76.25298	30.18063	14:06:00	D	11.40
944	PATIALA	SAMANA	S-NPP	76.25673	30.18093	14:06:00	D	21.10
945	PATIALA	SAMANA	S-NPP	76.26422	30.18152	14:06:00	D	4.80
946	PATIALA	SAMANA	S-NPP	76.09112	30.18301	14:06:00	D	2.20
947	PATIALA	SAMANA	TERRA-1	76.18366	30.18403	11:01:00	D	31.80
948	PATIALA	SAMANA	S-NPP	76.19865	30.22294	14:06:00	D	1.40
949	PATIALA	SAMANA	S-NPP	76.16744	30.23648	14:06:00	D	1.60
950	RUPNAGAR	CHAMKOR SAHIB	S-NPP	76.45634	30.77441	14:06:00	D	5.50
951	RUPNAGAR	CHAMKOR SAHIB	S-NPP	76.45586	30.77980	14:06:00	D	5.50
952	SANGRUR	DHURI	S-NPP	75.75314	30.31475	14:06:00	D	4.20
953	SANGRUR	DHURI	S-NPP	75.91692	30.31738	14:06:00	D	4.80
954	SANGRUR	DHURI	S-NPP	75.78819	30.31757	14:06:00	D	2.90
955	SANGRUR	DHURI	S-NPP	75.92049	30.31766	14:06:00	D	4.80
956	SANGRUR	DHURI	S-NPP	75.71223	30.33731	14:06:00	D	2.90

957	SANGRUR	DHURI	S-NPP	75.71570	30.33759	14:06:00	D	4.60
958	SANGRUR	DHURI	S-NPP	75.71198	30.33912	14:06:00	D	2.70
959	SANGRUR	DHURI	S-NPP	75.71546	30.33939	14:06:00	D	4.00
960	SANGRUR	DHURI	S-NPP	75.73134	30.35612	14:06:00	D	2.70
961	SANGRUR	DHURI	S-NPP	75.73083	30.36126	14:06:00	D	2.70
962	SANGRUR	DHURI	S-NPP	75.67154	30.39282	14:06:00	D	3.00
963	SANGRUR	DHURI	S-NPP	75.74470	30.39862	14:06:00	D	8.20
964	SANGRUR	DHURI	S-NPP	75.74419	30.40377	14:06:00	D	7.90
965	SANGRUR	DHURI	S-NPP	75.79946	30.41854	14:06:00	D	1.80
966	SANGRUR	DHURI	S-NPP	75.98621	30.42801	14:06:00	D	6.60
967	SANGRUR	DHURI	S-NPP	75.74464	30.43492	14:06:00	D	1.40
968	SANGRUR	DHURI	S-NPP	75.64908	30.44260	14:06:00	D	10.50
969	SANGRUR	DHURI	S-NPP	75.73185	30.44629	14:06:00	D	4.00
970	SANGRUR	DHURI	S-NPP	75.73260	30.44950	14:06:00	D	4.10
971	SANGRUR	DHURI	S-NPP	75.76590	30.49561	14:06:00	D	4.70
972	SANGRUR	DHURI	S-NPP	75.76942	30.49589	14:06:00	D	4.80
973	SANGRUR	MALERKOTLA	S-NPP	76.05264	30.57051	14:06:00	D	5.20
974	SANGRUR	MOONAK	S-NPP	75.98112	29.77905	14:06:00	D	4.30
975	SANGRUR	MOONAK	S-NPP	75.85365	29.77927	14:06:00	D	10.30
976	SANGRUR	MOONAK	S-NPP	75.88504	29.78180	14:06:00	D	2.50
977	SANGRUR	MOONAK	S-NPP	75.96997	29.78339	14:06:00	D	11.40
978	SANGRUR	MOONAK	S-NPP	75.84617	29.78385	14:06:00	D	5.60
979	SANGRUR	MOONAK	S-NPP	75.97302	29.78885	14:06:00	D	2.50
980	SANGRUR	MOONAK	S-NPP	75.86552	29.80099	14:06:00	D	21.40
981	SANGRUR	MOONAK	S-NPP	75.84411	29.80442	14:06:00	D	2.40
982	SANGRUR	MOONAK	S-NPP	76.09353	29.80894	14:06:00	D	1.90
983	SANGRUR	MOONAK	S-NPP	75.89948	29.81417	14:06:00	D	3.00
984	SANGRUR	MOONAK	S-NPP	76.07094	29.81766	14:06:00	D	4.90
985	SANGRUR	MOONAK	S-NPP	75.98013	29.82601	14:06:00	D	2.20
986	SANGRUR	MOONAK	S-NPP	75.85141	29.82781	14:06:00	D	3.70
987	SANGRUR	MOONAK	S-NPP	76.00352	29.84363	14:06:00	D	2.00
988	SANGRUR	MOONAK	S-NPP	75.87331	29.85547	14:06:00	D	3.00

989	SANGRUR	MOONAK	S-NPP	76.05180	29.85882	14:06:00	D	3.70
990	SANGRUR	MOONAK	S-NPP	75.87280	29.86062	14:06:00	D	3.00
991	SANGRUR	MOONAK	S-NPP	75.83383	29.86273	14:06:00	D	2.70
992	SANGRUR	MOONAK	S-NPP	75.96449	29.86780	14:06:00	D	4.10
993	SANGRUR	MOONAK	S-NPP	75.83333	29.86788	14:06:00	D	2.70
994	SANGRUR	MOONAK	S-NPP	75.79457	29.86996	14:06:00	D	6.20
995	SANGRUR	MOONAK	S-NPP	75.80395	29.88106	14:06:00	D	3.20
996	SANGRUR	MOONAK	S-NPP	75.90484	29.89438	14:06:00	D	2.40
997	SANGRUR	MOONAK	S-NPP	75.78459	29.90018	14:06:00	D	2.60
998	SANGRUR	MOONAK	S-NPP	75.98628	29.90089	14:06:00	D	6.60
999	SANGRUR	MOONAK	S-NPP	75.79794	29.90645	14:06:00	D	6.40
1000	SANGRUR	MOONAK	S-NPP	75.94617	29.90814	14:06:00	D	2.20
1001	SANGRUR	MOONAK	S-NPP	75.90075	29.93572	14:06:00	D	4.00
1002	SANGRUR	MOONAK	S-NPP	75.90083	29.93681	14:06:00	D	4.00
1003	SANGRUR	SANGRUR	S-NPP	75.64425	30.15890	14:06:00	D	2.10
1004	SANGRUR	SANGRUR	S-NPP	75.69658	30.22496	14:06:00	D	2.60
1005	SANGRUR	SANGRUR	S-NPP	75.69952	30.23037	14:06:00	D	8.50
1006	SANGRUR	SANGRUR	S-NPP	76.10116	30.23133	14:06:00	D	2.90
1007	SANGRUR	SANGRUR	S-NPP	75.69823	30.23285	14:06:00	D	8.90
1008	SANGRUR	SANGRUR	S-NPP	75.87517	30.23959	14:06:00	D	2.00
1009	SANGRUR	SANGRUR	S-NPP	75.76856	30.24126	14:06:00	D	5.90
1010	SANGRUR	SANGRUR	S-NPP	75.98293	30.24306	14:06:00	D	14.60
1011	SANGRUR	SANGRUR	S-NPP	75.76739	30.24330	14:06:00	D	9.30
1012	SANGRUR	SANGRUR	S-NPP	75.98653	30.24335	14:06:00	D	14.60
1013	SANGRUR	SANGRUR	S-NPP	76.12482	30.25435	14:06:00	D	2.00
1014	SANGRUR	SANGRUR	S-NPP	76.13588	30.25523	14:06:00	D	4.40
1015	SANGRUR	SANGRUR	S-NPP	76.13956	30.25552	14:06:00	D	4.40
1016	SANGRUR	SANGRUR	S-NPP	76.12273	30.26985	14:06:00	D	1.70
1017	SANGRUR	SANGRUR	S-NPP	76.12333	30.27012	14:06:00	D	1.50
1018	SANGRUR	SANGRUR	S-NPP	76.01833	30.28320	14:06:00	D	3.40
1019	SANGRUR	SANGRUR	S-NPP	76.03183	30.29475	14:06:00	D	5.50
1020	SANGRUR	SANGRUR	S-NPP	76.02254	30.31511	14:06:00	D	5.90

1021	SANGRUR	SANGRUR	S-NPP	75.90160	30.32663	14:06:00	D	1.90
1022	SANGRUR	SANGRUR	S-NPP	75.98738	30.33868	14:06:00	D	4.40
1023	SANGRUR	SUNAM	S-NPP	75.69417	29.93633	14:06:00	D	4.50
1024	SANGRUR	SUNAM	S-NPP	75.96966	29.96295	14:06:00	D	4.70
1025	SANGRUR	SUNAM	S-NPP	75.80556	29.97095	14:06:00	D	9.70
1026	SANGRUR	SUNAM	S-NPP	75.68027	29.97123	14:06:00	D	2.90
1027	SANGRUR	SUNAM	S-NPP	75.81202	29.97665	14:06:00	D	10.50
1028	SANGRUR	SUNAM	S-NPP	75.96406	29.98344	14:06:00	D	14.10
1029	SANGRUR	SUNAM	S-NPP	75.77276	29.98386	14:06:00	D	1.80
1030	SANGRUR	SUNAM	S-NPP	75.65139	29.98429	14:06:00	D	14.90
1031	SANGRUR	SUNAM	S-NPP	75.97426	29.98948	14:06:00	D	8.80
1032	SANGRUR	SUNAM	S-NPP	75.97781	29.98976	14:06:00	D	8.80
1033	SANGRUR	SUNAM	S-NPP	75.96915	30.00478	14:06:00	D	4.50
1034	SANGRUR	SUNAM	S-NPP	75.90777	30.01031	14:06:00	D	3.80
1035	SANGRUR	SUNAM	S-NPP	75.69476	30.02157	14:06:00	D	2.70
1036	SANGRUR	SUNAM	S-NPP	75.69566	30.02397	14:06:00	D	2.50
1037	SANGRUR	SUNAM	S-NPP	75.84935	30.02639	14:06:00	D	2.70
1038	SANGRUR	SUNAM	S-NPP	75.85286	30.02668	14:06:00	D	2.70
1039	SANGRUR	SUNAM	S-NPP	75.80689	30.02808	14:06:00	D	6.60
1040	SANGRUR	SUNAM	S-NPP	75.81039	30.02837	14:06:00	D	6.60
1041	SANGRUR	SUNAM	S-NPP	75.80566	30.03007	14:06:00	D	4.50
1042	SANGRUR	SUNAM	S-NPP	75.80914	30.03034	14:06:00	D	4.50
1043	SANGRUR	SUNAM	S-NPP	75.77377	30.03281	14:06:00	D	9.70
1044	SANGRUR	SUNAM	S-NPP	75.77725	30.03308	14:06:00	D	11.70
1045	SANGRUR	SUNAM	S-NPP	75.99877	30.03335	14:06:00	D	3.70
1046	SANGRUR	SUNAM	S-NPP	75.80860	30.03548	14:06:00	D	4.50
1047	SANGRUR	SUNAM	S-NPP	75.77456	30.03575	14:06:00	D	15.10
1048	SANGRUR	SUNAM	S-NPP	75.77802	30.03604	14:06:00	D	13.50
1049	SANGRUR	SUNAM	S-NPP	75.98037	30.03710	14:06:00	D	3.50
1050	SANGRUR	SUNAM	S-NPP	75.77325	30.03795	14:06:00	D	2.50
1051	SANGRUR	SUNAM	S-NPP	75.80933	30.03865	14:06:00	D	2.80
1052	SANGRUR	SUNAM	TERRA-1	75.78463	30.04329	11:01:00	D	18.28

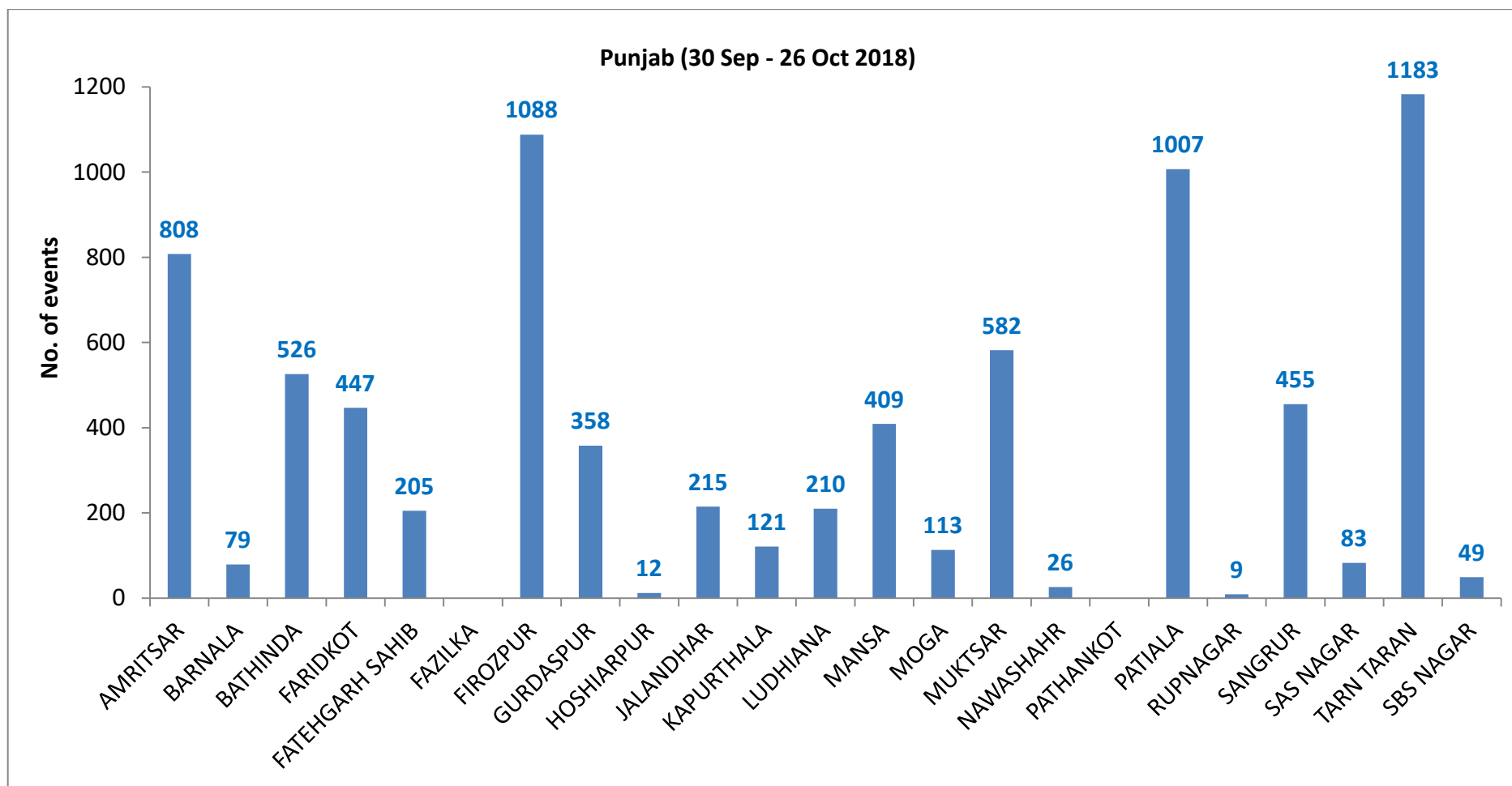
1053	SANGRUR	SUNAM	S-NPP	75.70387	30.06865	14:06:00	D	2.60
1054	SANGRUR	SUNAM	S-NPP	75.84055	30.06910	14:06:00	D	1.30
1055	SANGRUR	SUNAM	S-NPP	75.73838	30.07140	14:06:00	D	4.10
1056	SANGRUR	SUNAM	S-NPP	75.87726	30.09280	14:06:00	D	8.40
1057	SANGRUR	SUNAM	S-NPP	75.81939	30.10379	14:06:00	D	4.30
1058	SANGRUR	SUNAM	S-NPP	76.05617	30.10683	14:06:00	D	4.60
1059	SANGRUR	SUNAM	S-NPP	76.05564	30.11206	14:06:00	D	3.80
1060	SANGRUR	SUNAM	S-NPP	76.08054	30.11928	14:06:00	D	4.10
1061	SANGRUR	SUNAM	S-NPP	75.65990	30.12686	14:06:00	D	3.60
1062	SANGRUR	SUNAM	S-NPP	75.65766	30.12910	14:06:00	D	4.20
1063	SANGRUR	SUNAM	S-NPP	75.65596	30.13167	14:06:00	D	4.10
1064	SANGRUR	SUNAM	S-NPP	75.65714	30.13420	14:06:00	D	6.00
1065	SANGRUR	SUNAM	S-NPP	75.65546	30.13678	14:06:00	D	4.10
1066	SANGRUR	SUNAM	S-NPP	75.81986	30.15192	14:06:00	D	3.40
1067	SAS NAGAR	DERABASSI	S-NPP	76.86365	30.43792	14:06:00	D	6.40
1068	SAS NAGAR	DERABASSI	S-NPP	76.86642	30.43852	14:06:00	D	5.30
1069	SAS NAGAR	DERABASSI	S-NPP	76.82484	30.45739	14:06:00	D	3.30
1070	SAS NAGAR	DERABASSI	TERRA-1	76.78562	30.53587	11:01:00	D	8.44
1071	SAS NAGAR	DERABASSI	S-NPP	76.75947	30.54713	14:06:00	D	2.70
1072	SBS NAGAR	KHARAR	S-NPP	76.52357	30.61766	14:06:00	D	5.30
1073	SBS NAGAR	KHARAR	S-NPP	76.60722	30.61852	14:06:00	D	2.90
1074	SBS NAGAR	KHARAR	S-NPP	76.60614	30.61964	14:06:00	D	3.00
1075	TARN TARAN	KHADOOR SAHIB	S-NPP	74.91736	31.24664	14:06:00	D	3.90
1076	TARN TARAN	KHADOOR SAHIB	S-NPP	75.04762	31.25284	14:06:00	D	3.20
1077	TARN TARAN	KHADOOR SAHIB	S-NPP	75.05429	31.31921	14:06:00	D	8.40
1078	TARN TARAN	KHADOOR SAHIB	TERRA-1	75.07865	31.32489	11:01:00	D	10.01
1079	TARN TARAN	KHADOOR SAHIB	S-NPP	74.92739	31.33862	14:06:00	D	8.60
1080	TARN TARAN	KHADOOR SAHIB	S-NPP	74.92542	31.33912	14:06:00	D	8.00
1081	TARN TARAN	KHADOOR SAHIB	S-NPP	75.11111	31.34912	14:06:00	D	4.70
1082	TARN TARAN	KHADOOR SAHIB	S-NPP	75.10890	31.35342	14:06:00	D	4.90
1083	TARN TARAN	KHADOOR SAHIB	S-NPP	75.07316	31.37583	14:06:00	D	11.50
1084	TARN TARAN	KHADOOR SAHIB	S-NPP	74.84292	31.38226	14:06:00	D	5.10

1085	TARN TARAN	KHADOOR SAHIB	S-NPP	75.01183	31.39103	14:06:00	D	7.30
1086	TARN TARAN	KHADOOR SAHIB	S-NPP	75.12465	31.39504	14:06:00	D	8.20
1087	TARN TARAN	KHADOOR SAHIB	S-NPP	74.77077	31.39608	14:06:00	D	11.90
1088	TARN TARAN	KHADOOR SAHIB	S-NPP	75.16999	31.41383	14:06:00	D	6.50
1089	TARN TARAN	KHADOOR SAHIB	S-NPP	74.98906	31.41927	14:06:00	D	7.70
1090	TARN TARAN	KHADOOR SAHIB	S-NPP	74.86539	31.46021	14:06:00	D	4.80
1091	TARN TARAN	KHADOOR SAHIB	S-NPP	75.20389	31.46653	14:06:00	D	13.40
1092	TARN TARAN	KHADOOR SAHIB	S-NPP	75.20508	31.46742	14:06:00	D	11.00
1093	TARN TARAN	KHADOOR SAHIB	S-NPP	75.23840	31.47526	14:06:00	D	2.70
1094	TARN TARAN	KHADOOR SAHIB	S-NPP	75.25552	31.49592	14:06:00	D	8.40
1095	TARN TARAN	KHADOOR SAHIB	S-NPP	75.07197	31.50177	14:06:00	D	3.80
1096	TARN TARAN	KHADOOR SAHIB	S-NPP	75.16496	31.51424	14:06:00	D	7.70
1097	TARN TARAN	PATTI	S-NPP	74.57426	31.08966	14:06:00	D	8.40
1098	TARN TARAN	PATTI	S-NPP	74.57034	31.09094	14:06:00	D	7.30
1099	TARN TARAN	PATTI	S-NPP	74.59818	31.09649	14:06:00	D	10.50
1100	TARN TARAN	PATTI	S-NPP	74.58810	31.09739	14:06:00	D	11.60
1101	TARN TARAN	PATTI	S-NPP	74.57928	31.09982	14:06:00	D	9.60
1102	TARN TARAN	PATTI	S-NPP	74.59926	31.10814	14:06:00	D	5.50
1103	TARN TARAN	PATTI	S-NPP	74.59653	31.11100	14:06:00	D	3.30
1104	TARN TARAN	PATTI	S-NPP	74.76402	31.12473	14:06:00	D	18.30
1105	TARN TARAN	PATTI	S-NPP	74.71344	31.12552	14:06:00	D	31.20
1106	TARN TARAN	PATTI	S-NPP	74.71967	31.12603	14:06:00	D	31.20
1107	TARN TARAN	PATTI	S-NPP	74.64417	31.12961	14:06:00	D	6.20
1108	TARN TARAN	PATTI	S-NPP	74.58819	31.12982	14:06:00	D	6.10
1109	TARN TARAN	PATTI	S-NPP	74.71914	31.13090	14:06:00	D	31.20
1110	TARN TARAN	PATTI	S-NPP	74.66781	31.14138	14:06:00	D	5.50
1111	TARN TARAN	PATTI	S-NPP	74.52509	31.14396	14:06:00	D	4.90
1112	TARN TARAN	PATTI	S-NPP	74.72949	31.15144	14:06:00	D	3.10
1113	TARN TARAN	PATTI	S-NPP	74.68536	31.15266	14:06:00	D	7.60
1114	TARN TARAN	PATTI	S-NPP	74.56055	31.15674	14:06:00	D	10.40
1115	TARN TARAN	PATTI	S-NPP	74.67862	31.15700	14:06:00	D	8.20
1116	TARN TARAN	PATTI	S-NPP	74.68482	31.15753	14:06:00	D	7.60

1117	TARN TARAN	PATTI	S-NPP	74.52297	31.16323	14:06:00	D	12.60
1118	TARN TARAN	PATTI	S-NPP	74.52905	31.16376	14:06:00	D	12.60
1119	TARN TARAN	PATTI	S-NPP	74.85503	31.16680	14:06:00	D	5.10
1120	TARN TARAN	PATTI	S-NPP	74.79747	31.16697	14:06:00	D	37.00
1121	TARN TARAN	PATTI	S-NPP	74.62078	31.17167	14:06:00	D	5.10
1122	TARN TARAN	PATTI	S-NPP	74.66301	31.18511	14:06:00	D	11.60
1123	TARN TARAN	PATTI	S-NPP	74.76953	31.18931	14:06:00	D	17.20
1124	TARN TARAN	PATTI	S-NPP	74.77580	31.18985	14:06:00	D	17.20
1125	TARN TARAN	PATTI	S-NPP	74.79471	31.19145	14:06:00	D	4.30
1126	TARN TARAN	PATTI	S-NPP	74.80682	31.19743	14:06:00	D	6.70
1127	TARN TARAN	PATTI	S-NPP	74.60326	31.21762	14:06:00	D	14.30
1128	TARN TARAN	PATTI	S-NPP	74.70323	31.21807	14:06:00	D	6.60
1129	TARN TARAN	PATTI	S-NPP	74.76637	31.21866	14:06:00	D	13.20
1130	TARN TARAN	PATTI	S-NPP	74.60319	31.21905	14:06:00	D	11.50
1131	TARN TARAN	PATTI	S-NPP	74.65925	31.21912	14:06:00	D	6.80
1132	TARN TARAN	PATTI	S-NPP	74.76621	31.22104	14:06:00	D	7.10
1133	TARN TARAN	PATTI	S-NPP	74.65890	31.22218	14:06:00	D	10.10
1134	TARN TARAN	PATTI	S-NPP	74.54702	31.22273	14:06:00	D	4.60
1135	TARN TARAN	PATTI	S-NPP	74.88097	31.22360	14:06:00	D	6.90
1136	TARN TARAN	PATTI	S-NPP	74.65872	31.22398	14:06:00	D	6.80
1137	TARN TARAN	PATTI	S-NPP	74.88107	31.22524	14:06:00	D	4.50
1138	TARN TARAN	PATTI	S-NPP	74.84862	31.22578	14:06:00	D	4.10
1139	TARN TARAN	PATTI	S-NPP	74.54649	31.22756	14:06:00	D	14.80
1140	TARN TARAN	PATTI	S-NPP	74.59496	31.23648	14:06:00	D	6.10
1141	TARN TARAN	PATTI	S-NPP	74.60111	31.23700	14:06:00	D	6.10
1142	TARN TARAN	PATTI	S-NPP	74.64381	31.24545	14:06:00	D	11.20
1143	TARN TARAN	PATTI	S-NPP	74.74310	31.25862	14:06:00	D	5.70
1144	TARN TARAN	PATTI	S-NPP	74.63603	31.25950	14:06:00	D	2.80
1145	TARN TARAN	PATTI	TERRA-1	74.65234	31.26351	11:01:00	D	15.16
1146	TARN TARAN	PATTI	S-NPP	74.87044	31.26414	14:06:00	D	4.60
1147	TARN TARAN	PATTI	S-NPP	74.63550	31.26436	14:06:00	D	5.70
1148	TARN TARAN	PATTI	S-NPP	74.62260	31.26816	14:06:00	D	5.70

1149	TARN TARAN	PATTI	S-NPP	74.76093	31.26997	14:06:00	D	3.40
1150	TARN TARAN	PATTI	S-NPP	74.77351	31.27102	14:06:00	D	11.70
1151	TARN TARAN	PATTI	S-NPP	74.79195	31.27750	14:06:00	D	11.90
1152	TARN TARAN	PATTI	S-NPP	74.67789	31.27777	14:06:00	D	19.40
1153	TARN TARAN	PATTI	S-NPP	74.68413	31.27829	14:06:00	D	19.40
1154	TARN TARAN	PATTI	S-NPP	74.67113	31.28210	14:06:00	D	11.60
1155	TARN TARAN	PATTI	S-NPP	74.68359	31.28316	14:06:00	D	19.40
1156	TARN TARAN	PATTI	S-NPP	74.76510	31.29008	14:06:00	D	4.90
1157	TARN TARAN	PATTI	S-NPP	74.88653	31.29530	14:06:00	D	14.30
1158	TARN TARAN	PATTI	S-NPP	74.78986	31.29712	14:06:00	D	5.00
1159	TARN TARAN	PATTI	S-NPP	74.73889	31.29772	14:06:00	D	9.40
1160	TARN TARAN	PATTI	S-NPP	74.63177	31.29835	14:06:00	D	62.00
1161	TARN TARAN	PATTI	S-NPP	74.62936	31.30077	14:06:00	D	9.10
1162	TARN TARAN	PATTI	S-NPP	74.63502	31.30613	14:06:00	D	9.10
1163	TARN TARAN	PATTI	S-NPP	74.63691	31.30860	14:06:00	D	17.60
1164	TARN TARAN	PATTI	S-NPP	74.68490	31.31013	14:06:00	D	5.20
1165	TARN TARAN	PATTI	S-NPP	74.63448	31.31099	14:06:00	D	11.60
1166	TARN TARAN	PATTI	S-NPP	74.72422	31.31619	14:06:00	D	6.40
1167	TARN TARAN	PATTI	S-NPP	74.72195	31.31802	14:06:00	D	3.90
1168	TARN TARAN	PATTI	S-NPP	74.74713	31.32003	14:06:00	D	7.10
1169	TARN TARAN	PATTI	S-NPP	74.74256	31.32271	14:06:00	D	6.70
1170	TARN TARAN	PATTI	S-NPP	74.74885	31.32326	14:06:00	D	8.00
1171	TARN TARAN	PATTI	S-NPP	74.74661	31.32492	14:06:00	D	7.10
1172	TARN TARAN	PATTI	S-NPP	74.77447	31.36176	14:06:00	D	3.00
1173	TARN TARAN	PATTI	S-NPP	74.70612	31.40542	14:06:00	D	4.10

District-wise cumulative number of residue burning events in Punjab (30-Sep-2018 to 26-Oct-2018)



Details of residue burning events in Haryana on 26-Oct-2018

Event S.No.	District	Tehsil/Block	Satellite	Longitude	Latitude	Time (IST)	Day/Night	Fire Power (W/m²)
1	AMBALA	AMBALA	S-NPP	76.75713	30.20890	14:06	D	1.50
2	AMBALA	AMBALA	S-NPP	76.64338	30.25612	14:06	D	3.10
3	AMBALA	AMBALA	S-NPP	76.82069	30.25789	14:06	D	5.20
4	AMBALA	AMBALA	S-NPP	76.64537	30.27810	14:06	D	6.40
5	AMBALA	AMBALA	S-NPP	76.72507	30.28400	14:06	D	8.50
6	AMBALA	AMBALA	S-NPP	76.75718	30.28635	14:06	D	1.40
7	AMBALA	AMBALA	S-NPP	77.03908	30.32349	14:06	D	2.50
8	AMBALA	AMBALA	S-NPP	76.71648	30.33397	14:06	D	5.10
9	AMBALA	AMBALA	TERRA-1	76.76516	30.41909	11:01	D	8.96
10	AMBALA	AMBALA	S-NPP	76.76964	30.42027	14:06	D	7.00
11	AMBALA	AMBALA	S-NPP	76.76678	30.42030	14:06	D	3.40
12	AMBALA	AMBALA	S-NPP	76.77084	30.42057	14:06	D	3.40
13	AMBALA	BARARA	S-NPP	77.03286	30.16242	14:06	D	7.80
14	AMBALA	BARARA	S-NPP	76.99718	30.18778	14:06	D	2.90
15	AMBALA	BARARA	TERRA-1	77.12326	30.32926	11:01	D	9.22
16	AMBALA	BARARA	S-NPP	77.15236	30.34688	14:06	D	5.00
17	AMBALA	BARARA	S-NPP	77.15174	30.34845	14:06	D	4.70
18	AMBALA	NARAYANGARH	S-NPP	77.01954	30.40511	14:06	D	2.60
19	AMBALA	NARAYANGARH	S-NPP	76.94898	30.46038	14:06	D	3.60
20	FATEHABAD	FATEHABAD	S-NPP	75.73185	29.49376	14:06	D	2.20
21	FATEHABAD	FATEHABAD	S-NPP	75.41248	29.57170	14:06	D	7.80
22	FATEHABAD	FATEHABAD	S-NPP	75.41745	29.57228	14:06	D	21.60
23	FATEHABAD	FATEHABAD	S-NPP	75.71458	29.63176	14:06	D	3.80
24	FATEHABAD	RATIA	S-NPP	75.60901	29.63345	14:06	D	4.80
25	FATEHABAD	RATIA	S-NPP	75.61256	29.66437	14:06	D	10.40
26	FATEHABAD	RATIA	S-NPP	75.65305	29.71171	14:06	D	8.00
27	FATEHABAD	RATIA	S-NPP	75.65501	29.71399	14:06	D	6.90
28	FATEHABAD	RATIA	S-NPP	75.59166	29.74765	14:06	D	2.10
29	FATEHABAD	TOHANA	TERRA-1	75.75394	29.56419	11:01	D	7.84

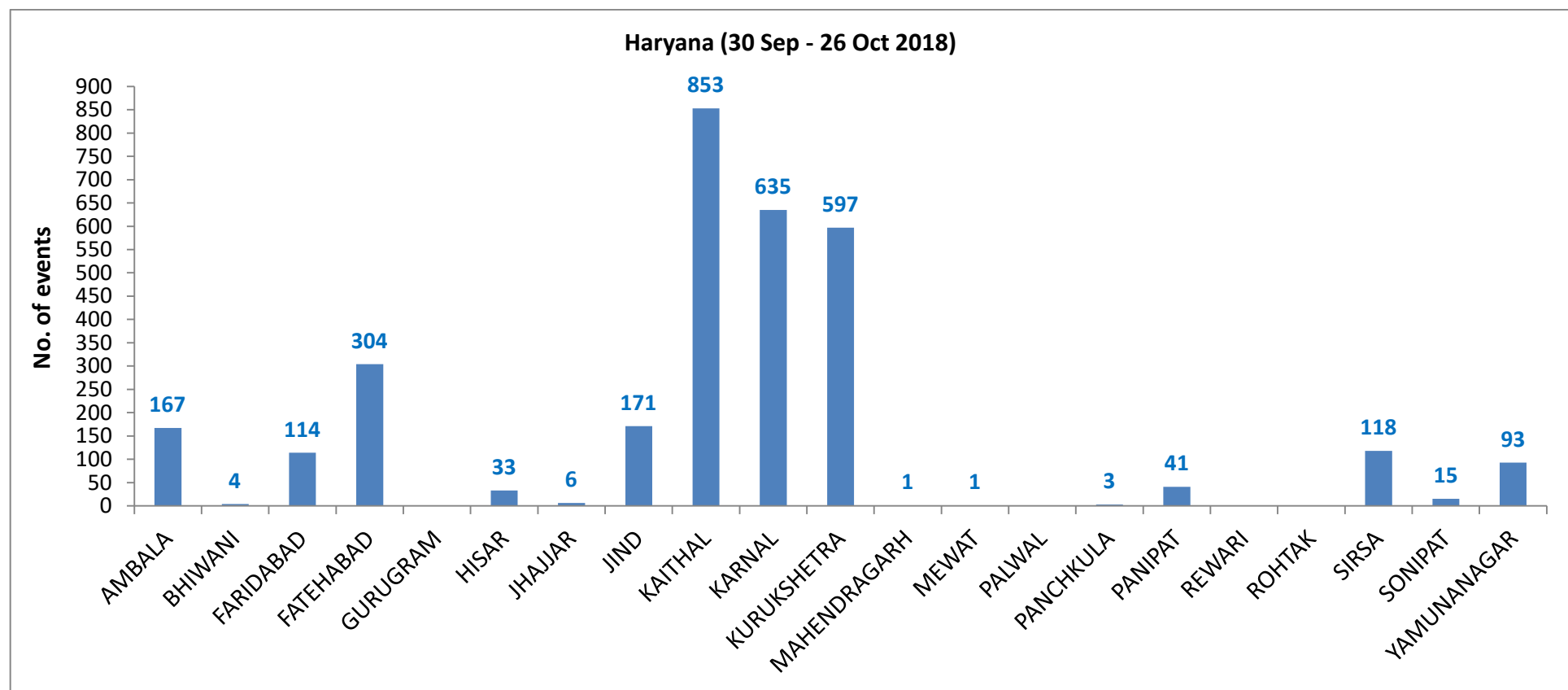
30	FATEHABAD	TOHANA	S-NPP	75.84847	29.58317	14:06	D	2.60
31	FATEHABAD	TOHANA	S-NPP	75.84796	29.58830	14:06	D	4.80
32	FATEHABAD	TOHANA	S-NPP	75.86472	29.59486	14:06	D	5.00
33	FATEHABAD	TOHANA	S-NPP	75.87225	29.61323	14:06	D	5.20
34	FATEHABAD	TOHANA	S-NPP	75.87309	29.61629	14:06	D	9.40
35	FATEHABAD	TOHANA	S-NPP	75.87171	29.61837	14:06	D	5.20
36	FATEHABAD	TOHANA	S-NPP	75.68641	29.63975	14:06	D	5.20
37	FATEHABAD	TOHANA	S-NPP	75.68589	29.64483	14:06	D	5.20
38	FATEHABAD	TOHANA	S-NPP	75.79843	29.65395	14:06	D	2.10
39	FATEHABAD	TOHANA	S-NPP	75.90644	29.65742	14:06	D	3.30
40	FATEHABAD	TOHANA	S-NPP	75.75628	29.66085	14:06	D	4.40
41	FATEHABAD	TOHANA	S-NPP	75.74432	29.71135	14:06	D	16.50
42	FATEHABAD	TOHANA	S-NPP	75.74774	29.71164	14:06	D	16.50
43	FATEHABAD	TOHANA	S-NPP	75.74199	29.71357	14:06	D	15.70
44	FATEHABAD	TOHANA	S-NPP	75.74541	29.71383	14:06	D	15.70
45	FATEHABAD	TOHANA	S-NPP	75.74381	29.71645	14:06	D	3.50
46	FATEHABAD	TOHANA	S-NPP	75.73305	29.73345	14:06	D	2.20
47	FATEHABAD	TOHANA	S-NPP	75.73252	29.73855	14:06	D	2.70
48	FATEHABAD	TOHANA	S-NPP	75.84926	29.75300	14:06	D	4.00
49	FATEHABAD	TOHANA	S-NPP	75.83831	29.75731	14:06	D	5.10
50	FATEHABAD	TOHANA	S-NPP	75.85918	29.75897	14:06	D	2.90
51	FATEHABAD	TOHANA	S-NPP	75.76473	29.76174	14:06	D	5.90
52	FATEHABAD	TOHANA	S-NPP	75.76817	29.76202	14:06	D	5.90
53	FATEHABAD	TOHANA	S-NPP	75.73334	29.76435	14:06	D	4.00
54	FATEHABAD	TOHANA	S-NPP	75.73676	29.76463	14:06	D	6.20
55	FATEHABAD	TOHANA	S-NPP	75.84668	29.77871	14:06	D	5.60
56	FATEHABAD	TOHANA	S-NPP	75.85017	29.77899	14:06	D	5.60
57	FATEHABAD	TOHANA	S-NPP	75.82533	29.78216	14:06	D	6.60
58	FATEHABAD	TOHANA	S-NPP	75.77641	29.78333	14:06	D	3.20
59	FATEHABAD	TOHANA	S-NPP	75.77591	29.78846	14:06	D	3.20
60	HISAR	HISAR	S-NPP	75.76842	29.10304	01:12	N	0.60
61	HISAR	NARNAUND	S-NPP	76.10059	29.24030	14:06	D	3.80

62	JIND	JIND	S-NPP	76.46499	29.53819	14:06	D	2.10
63	JIND	NARWANA	S-NPP	76.04479	29.52595	14:06	D	2.80
64	JIND	NARWANA	S-NPP	76.09775	29.53524	14:06	D	1.50
65	JIND	NARWANA	S-NPP	76.06456	29.57985	14:06	D	1.80
66	JIND	NARWANA	S-NPP	75.99844	29.65948	14:06	D	3.70
67	JIND	NARWANA	S-NPP	76.00199	29.65975	14:06	D	5.80
68	JIND	NARWANA	S-NPP	76.02983	29.70382	14:06	D	2.30
69	JIND	NARWANA	S-NPP	76.05735	29.71652	14:06	D	5.40
70	JIND	NARWANA	S-NPP	76.07861	29.77622	14:06	D	8.50
71	JIND	NARWANA	S-NPP	76.08785	29.79272	14:06	D	3.80
72	JIND	SAFIDON	S-NPP	76.60174	29.44872	14:06	D	2.50
73	KAITHAL	GUHLA	S-NPP	76.42004	29.93475	14:06	D	2.60
74	KAITHAL	GUHLA	TERRA-1	76.30474	29.96993	11:01	D	26.03
75	KAITHAL	GUHLA	S-NPP	76.27311	29.97529	14:06	D	1.80
76	KAITHAL	GUHLA	S-NPP	76.29549	29.97694	14:06	D	2.20
77	KAITHAL	GUHLA	S-NPP	76.29473	29.97845	14:06	D	4.50
78	KAITHAL	GUHLA	S-NPP	76.29498	29.98223	14:06	D	2.30
79	KAITHAL	GUHLA	S-NPP	76.35049	30.03451	14:06	D	15.40
80	KAITHAL	GUHLA	S-NPP	76.35425	30.03480	14:06	D	27.60
81	KAITHAL	GUHLA	S-NPP	76.36835	30.08247	14:06	D	3.40
82	KAITHAL	GUHLA	S-NPP	76.30749	30.08338	14:06	D	4.20
83	KAITHAL	GUHLA	S-NPP	76.36866	30.08416	14:06	D	2.60
84	KAITHAL	GUHLA	S-NPP	76.30793	30.08468	14:06	D	5.00
85	KAITHAL	GUHLA	S-NPP	76.39075	30.17005	14:06	D	7.10
86	KAITHAL	GUHLA	S-NPP	76.39456	30.17034	14:06	D	11.10
87	KAITHAL	KAITHAL	S-NPP	76.43571	29.56802	14:06	D	2.40
88	KAITHAL	KAITHAL	S-NPP	76.43776	29.57151	14:06	D	2.80
89	KAITHAL	KAITHAL	S-NPP	76.62628	29.72893	14:06	D	4.70
90	KAITHAL	KAITHAL	S-NPP	76.18680	29.73226	14:06	D	3.90
91	KAITHAL	KAITHAL	S-NPP	76.18630	29.73750	14:06	D	3.90
92	KAITHAL	KAITHAL	S-NPP	76.23549	29.78302	14:06	D	3.00
93	KAITHAL	KAITHAL	S-NPP	76.27840	29.83949	14:06	D	3.00

94	KAITHAL	KAITHAL	S-NPP	76.36689	29.85716	14:06	D	3.40
95	KAITHAL	KAITHAL	S-NPP	76.32872	29.85832	14:06	D	2.90
96	KAITHAL	KAITHAL	S-NPP	76.26123	29.85870	14:06	D	5.60
97	KAITHAL	KAITHAL	S-NPP	76.26163	29.85943	14:06	D	6.00
98	KAITHAL	KAITHAL	S-NPP	76.32897	29.85949	14:06	D	2.80
99	KAITHAL	KAITHAL	S-NPP	76.43478	29.86251	14:06	D	0.90
100	KAITHAL	KAITHAL	S-NPP	76.43418	29.86597	14:06	D	2.00
101	KAITHAL	KAITHAL	S-NPP	76.40614	29.88004	14:06	D	3.00
102	KAITHAL	KAITHAL	S-NPP	76.40631	29.88173	14:06	D	4.50
103	KARNAL	ASSANDH	S-NPP	76.64022	29.62440	14:06	D	2.40
104	KARNAL	KARNAL	S-NPP	76.75455	29.70569	14:06	D	2.30
105	KURUKSHETRA	PEHOWA	S-NPP	76.55947	29.92908	14:06	D	4.70
106	KURUKSHETRA	PEHOWA	S-NPP	76.61708	30.03833	14:06	D	6.90
107	KURUKSHETRA	PEHOWA	S-NPP	76.67211	30.04237	14:06	D	8.10
108	KURUKSHETRA	PEHOWA	S-NPP	76.67162	30.04778	14:06	D	8.10
109	KURUKSHETRA	PEHOWA	S-NPP	76.57895	30.06809	14:06	D	4.10
110	KURUKSHETRA	SHAHABAD	S-NPP	76.81955	30.19154	14:06	D	6.90
111	KURUKSHETRA	THANESAR	S-NPP	76.68594	30.06523	14:06	D	3.60
112	KURUKSHETRA	THANESAR	S-NPP	76.68990	30.06552	14:06	D	3.60
113	KURUKSHETRA	THANESAR	S-NPP	76.90585	30.14248	14:06	D	4.50
114	SIRSA	DABWALI	TERRA-1	74.90472	29.88160	11:01	D	7.37
115	SIRSA	ELLENABAD	S-NPP	74.82475	29.44138	14:06	D	9.30
116	SIRSA	SIRSA	S-NPP	75.04717	29.81778	14:06	D	8.00
117	SIRSA	SIRSA	S-NPP	75.09084	29.82155	14:06	D	7.30
118	SIRSA	SIRSA	S-NPP	75.07467	29.85483	14:06	D	4.30
119	SIRSA	SIRSA	S-NPP	75.07383	29.85630	14:06	D	7.40
120	SIRSA	SIRSA	S-NPP	74.97384	29.86065	14:06	D	8.10
121	SIRSA	SIRSA	S-NPP	74.97276	29.86277	14:06	D	11.50
122	YAMUNANAGAR	CHHACHHRAULII	S-NPP	77.30292	30.25149	14:06	D	2.90
123	YAMUNANAGAR	CHHACHHRAULII	S-NPP	77.30319	30.25460	14:06	D	3.10
124	YAMUNANAGAR	JAGADHRI	S-NPP	77.13009	29.99269	14:06	D	2.20
125	YAMUNANAGAR	JAGADHRI	TERRA-1	77.26480	30.21397	11:01	D	8.37

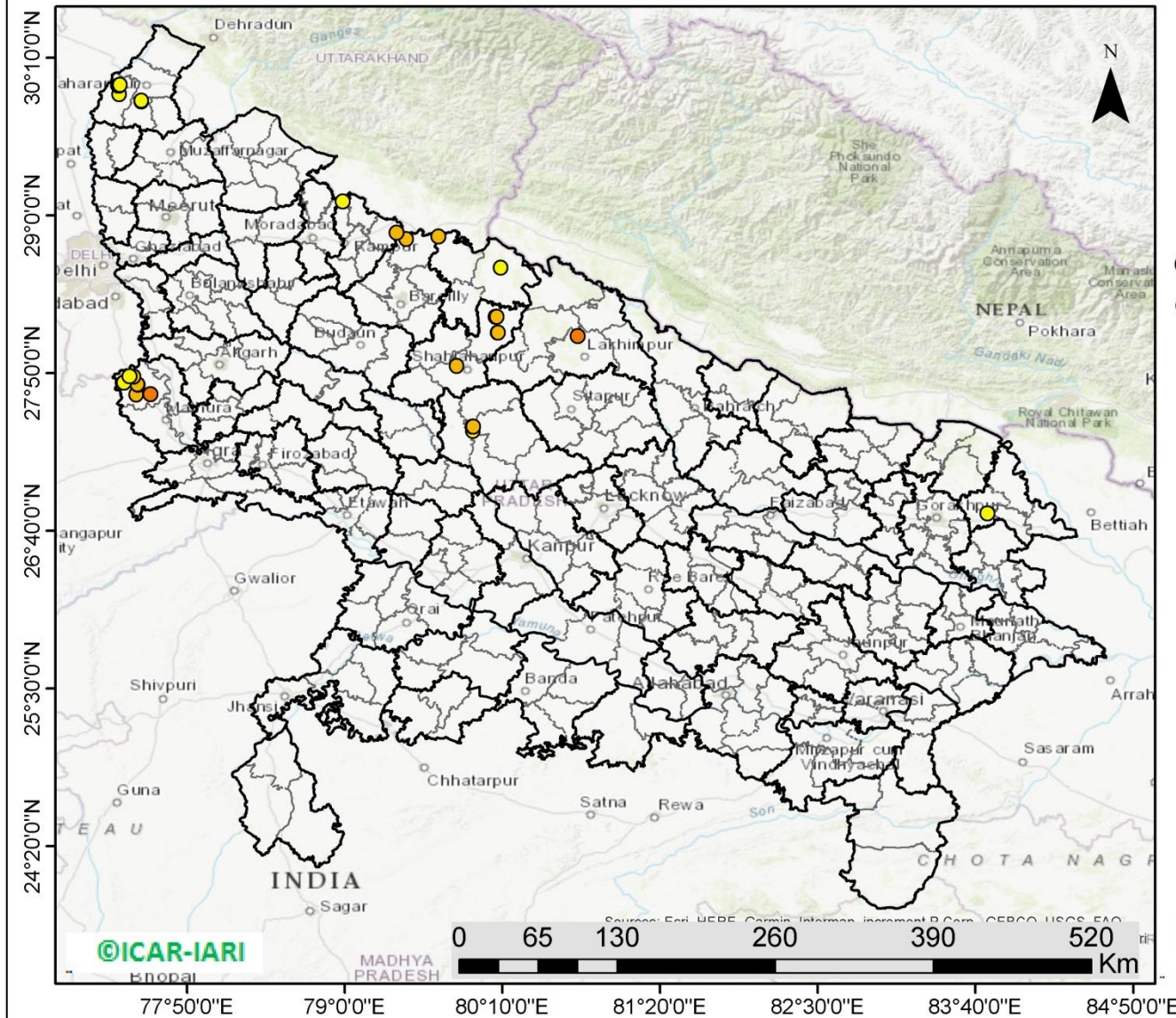
126	YAMUNANAGAR	JAGADHRI	S-NPP	77.18793	30.23503	14:06	D	3.80
127	YAMUNANAGAR	JAGADHRI	S-NPP	77.18704	30.23828	14:06	D	4.00
128	YAMUNANAGAR	JAGADHRI	S-NPP	77.19601	30.24125	14:06	D	2.20
129	YAMUNANAGAR	JAGADHRI	S-NPP	77.19512	30.24445	14:06	D	1.50
130	YAMUNANAGAR	JAGADHRI	S-NPP	77.33041	30.28735	14:06	D	1.70
131	YAMUNANAGAR	JAGADHRI	S-NPP	77.19501	30.29517	14:06	D	1.80
132	YAMUNANAGAR	JAGADHRI	TERRA-1	77.39781	30.35471	11:01	D	8.69

District-wise cumulative number of residue burning events in Haryana (30-Sep-2018 to 26-Oct-2018)



(c) Uttar Pradesh

PADDY RESIDUE BURNING IN UTTAR PRADESH



33 burning events detected in Uttar Pradesh on **26th October, 2018**

Fire Intensity (W/m²)

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



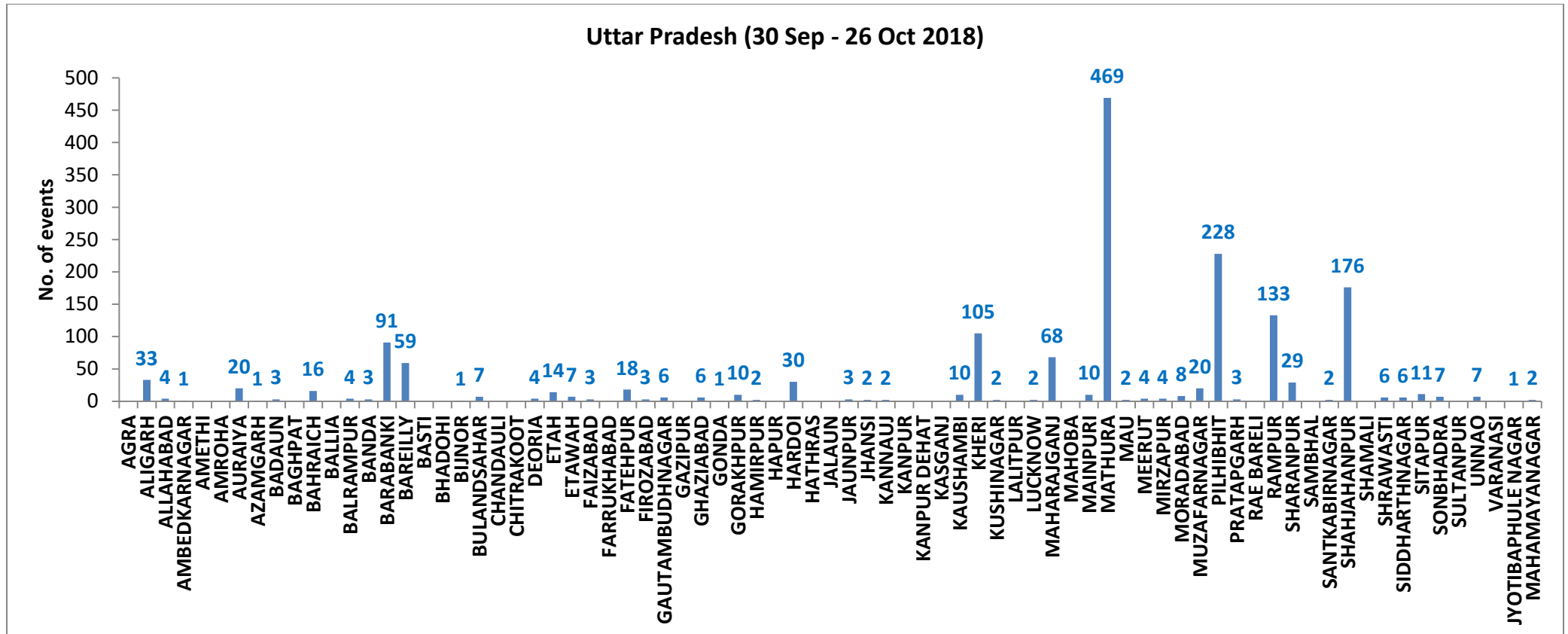
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

Details of residue burning events in Uttar Pradesh on 26-Oct-2018

Event S.No.	District	Tehsil/Block	Satellite	Longitude	Latitude	Time (IST)	Day/Night	Fire Power (W/m²)
1	BAREILLY	BAHERI	TERRA-1	79.45606	28.82458	11:01:00	D	8.12
2	HARDOI	HARDOI	S-NPP	79.94765	27.40485	14:06:00	D	2.30
3	HARDOI	HARDOI	S-NPP	79.94814	27.40654	14:06:00	D	2.60
4	HARDOI	HARDOI	S-NPP	79.94597	27.43855	14:06:00	D	6.00
5	HARDOI	HARDOI	S-NPP	79.95177	27.43890	14:06:00	D	6.00
6	KHERI	LAKHIMPUR	S-NPP	80.72276	28.10639	14:06:00	D	10.40
7	KUSHINAGAR	HATA	S-NPP	83.75526	26.79524	01:12:00	N	1.70
8	MATHURA	CHHATA	S-NPP	77.45898	27.67608	14:06:00	D	7.00
9	MATHURA	CHHATA	TERRA-1	77.56152	27.67773	11:01:00	D	10.33
10	MATHURA	CHHATA	S-NPP	77.47025	27.74826	14:06:00	D	4.80
11	MATHURA	CHHATA	S-NPP	77.46886	27.74952	14:06:00	D	8.40
12	MATHURA	CHHATA	S-NPP	77.36247	27.76253	14:06:00	D	3.40
13	MATHURA	CHHATA	S-NPP	77.36649	27.76283	14:06:00	D	3.40
14	MATHURA	CHHATA	S-NPP	77.44016	27.80748	14:06:00	D	8.40
15	MATHURA	CHHATA	S-NPP	77.40706	27.81049	14:06:00	D	2.90
16	PILHIBHIT	PILHIBHIT	TERRA-1	79.69310	28.84554	11:01:00	D	8.13
17	PILHIBHIT	PURANPUR	S-NPP	80.15571	28.61508	14:06:00	D	2.00
18	RAMPUR	BILASPUR	TERRA-1	79.38274	28.87249	11:01:00	D	6.66
19	RAMPUR	TANDA	S-NPP	78.98534	29.10442	14:06:00	D	2.80
20	SHAHJAHANPUR	PUWANYA	S-NPP	80.13215	28.13238	14:06:00	D	5.50
21	SHAHJAHANPUR	PUWANYA	S-NPP	80.13584	28.13332	14:06:00	D	6.80
22	SHAHJAHANPUR	PUWANYA	S-NPP	80.11652	28.24890	14:06:00	D	6.80
23	SHAHJAHANPUR	PUWANYA	S-NPP	80.11864	28.24915	14:06:00	D	8.30
24	SHAHJAHANPUR	PUWANYA	S-NPP	80.12262	28.24923	14:06:00	D	18.30
25	SHAHJAHANPUR	PUWANYA	S-NPP	80.12476	28.24951	14:06:00	D	8.30
26	SHAHJAHANPUR	SHAHJAHANPUR	TERRA-1	79.82952	27.88584	11:01:00	D	6.92
27	SHARANPUR	NAKUR	S-NPP	77.33042	29.89592	14:06:00	D	4.30
28	SHARANPUR	NAKUR	S-NPP	77.32565	29.96119	14:06:00	D	3.00

29	SHARANPUR	NAKUR	S-NPP	77.32996	29.96148	14:06:00	D	3.00
30	SHARANPUR	NAKUR	S-NPP	77.33382	29.96740	14:06:00	D	3.00
31	SHARANPUR	NAKUR	S-NPP	77.33813	29.96769	14:06:00	D	3.00
32	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	77.49702	29.84460	14:06:00	D	2.60
33	SHARANPUR	RAMPUR MANIHARRAN	S-NPP	77.49721	29.84848	14:06:00	D	2.60

District-wise cumulative number of residue burning events in Uttar Pradesh (30-Sep-2018 to 26-Oct-2018)



State wise, date wise and district-wise number of residue burning events detected in 2016, 2017 and 2018
(Period: 30-Sep-2018 to 26-Oct-2018)

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

21-Oct-18	1726	1139	618	257	233	217	152	168	66	2135	1540	901
22-Oct-18	2837	1356	656	309	186	134	194	151	149	3340	1693	939
23-Oct-18	2040	994	1113	313	155	232	331	72	193	2684	1221	1538
24-Oct-18	1836	1714	844	221	244	166	152	171	192	2209	2129	1202
25-Oct-18	1813	2104	1247	229	303	182	83	175	142	2125	2582	1571
26-Oct-18	3390	1715	1173	434	276	132	195	240	33	4019	2231	1338
Total	26849	19182	7985	5603	5376	3157	2649	2607	1669	35101	27165	12811

(a) Punjab

Districts	01 - 26 Oct		
	2016	2017	2018
AMRITSAR	1194	990	808
BARNALA	281	154	79
BATHINDA	1914	1476	526
FARIDKOT	1637	1581	447
FATEHGARH SAHIB	1504	818	205
FAZILKA	0	0	0
FIROZPUR	2928	2612	1088
GURDASPUR	1242	842	358
HOSHIARPUR	378	218	12
JALANDHAR	1740	870	215
KAPURTHALA	1660	662	121
LUDHIANA	1552	1047	210
MANSA	691	670	409
MOGA	545	293	113
MUKTSAR	2323	1436	582
NAWASHAHR	432	263	26
PATHANKOT	0	0	0
PATIALA	2385	1926	1007
RUPNAGAR	387	113	9
SANGRUR	1192	931	455
SAS NAGAR	106	98	83
TARN TARAN	2578	2081	1183
SBS NAGAR	180	101	49
Total	26849	19182	7985

(b) Haryana

Districts	01 -26 Oct		
	2016	2017	2018
AMBALA	403	381	167
BHIWANI	5	8	4
FARIDABAD	74	161	114
FATEHABAD	642	611	304
GURUGRAM	0	0	0
HISAR	56	55	33
JHAJJAR	5	5	6
JIND	226	260	171
KAITHAL	1405	1124	853
KARNAL	1299	1254	635
KURUKSHETRA	971	1046	597
MAHENDRAGARH	0	0	1
MEWAT	0	0	1
PALWAL	0	0	0
PANCHKULA	0	0	3
PANIPAT	34	42	41
REWARI	0	0	0
ROHTAK	7	5	1
SIRSA	304	177	118
SONIPAT	16	27	15
YAMUNANAGAR	156	220	93
Total	5603	5376	3157

(c) Uttar Pradesh

Districts	01 - 25 Oct		
	2016	2017	2018
AGRA	0	0	0
ALIGARH	14	36	33
ALLAHABAD	0	0	4
AMBEDKAR NAGAR	1	5	1
AMETHI	0	0	0
AMROHA	0	0	0
AURAIYA	74	71	20
AZAMGARH	0	1	1
BADAUN	0	3	3
BAGHPAT	0	0	0
BAHRAICH	6	9	16
BALLIA	0	0	0
BALRAMPUR	0	2	4
BANDA	1	1	3
BARABANKI	85	61	91
BAREILLY	137	92	59
BASTI	0	5	0
BHADOHI	0	0	0
BIJNOR	8	6	1
BULANSAHAR	5	9	7
CHANDAULI	1	0	0
CHITRAKOOT	0	0	0
DEORIA	1	3	4
ETAH	3	14	14
ETAWAH	7	15	7
FAIZABAD	1	2	3
FARRUKHABAD	0	0	0
FATEHPUR	15	9	18
FIROZABAD	5	4	3
GAUTAMBUDH NAGAR	4	11	6
GAZIPUR	2	0	0
GHAZIABAD	13	9	6
GONDA	1	3	1
GORAKHPUR	0	4	10
HAMIRPUR	0	0	2
HAPUR	0	0	0
HARDOI	58	39	30
HATHRAS	0	0	0
JALAUN	0	0	0
JAUNPUR	2	1	3
JHANSI	0	0	2
KANNAUJ	1	4	2
KANPUR	1	3	0
KANPUR DEHAT	0	1	0
KASGANJ	0	0	0
KAUSHAMBI	0	5	10
KHERI	193	149	105
KUSHINAGAR	0	1	2
LALITPUR	0	0	0
LUCKNOW	13	7	2
MAHARAJGANJ	12	49	68
MAHOPA	0	0	0
MAINPURI	4	17	10
MATHURA	196	354	469
MAU	1	0	2
MEERUT	25	17	4
MIRZAPUR	0	6	4
MORADABAD	15	15	8
MUZAFARNAGAR	67	69	20
PILHIBHIT	489	455	228
PRATAPGARH	1	1	3
RAE BARELI	5	3	0
RAMPUR	464	420	133
SHARANPUR	31	55	29
SAMBHAL	0	0	0
SANTKABIR NAGAR	0	3	2
SHAHJAHANPUR	619	515	176
SHAMALI	0	0	0
SHRAWASTI	2	6	6
SIDDHARTH NAGAR	2	3	6
SITAPUR	41	22	11
SONBHADRA	6	1	7
SULTANPUR	3	0	0
UNNAO	10	6	7
VARANASI	0	0	0
JYOTIBAPHULE NAGAR	4	3	1
MAHAMAYA NAGAR	0	2	2
Total	2649	2607	1669

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

Study Team

ICAR – HQ	Dr K. Alagusundaram	DDG (Agril. Engg.)	ddgengg@icar.org.in
	Dr S. Bhaskar	ADG (NRM)	adgagroandaf@gmail.com
ICAR - IARI	Dr V.K. Sehgal	Professor & Nodal Scientist	iaricreams@gmail.com vk.sehgal@icar.gov.in
	Dr Rajkumar Dhakar	Scientist	rajdhakar.iari@gmail.com
	Shri Rakeshwar Verma	Chief Technical Officer	rakeshwar.verma@icar.gov.in
	Mr Aakash Chhabra	SRF (NICRA)	aakash.chhabra7489@gmail.com
ICAR - ATARI	Dr Rajbir Singh	Director ATARI (Zone-1)	rajbirsingh.zpd@gmail.com
	Dr U.S. Gautam	Director ATARI (Zone-IV)	zpdicarkanpur@gmail.com
ICAR - IASRI	Dr RajenderParsad	Principal Scientist	rajender.parsad@icar.gov.in

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

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

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