



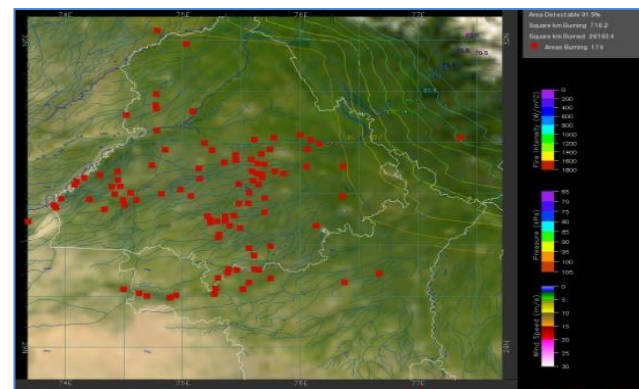
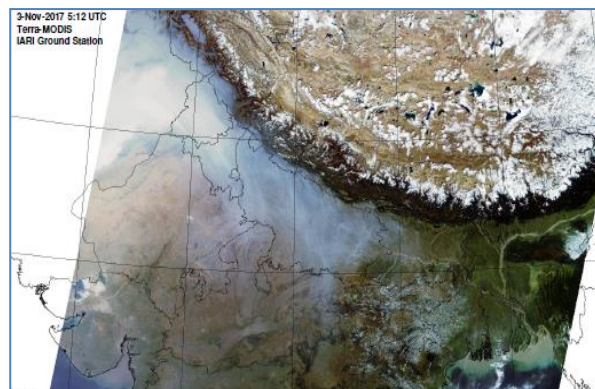
## Bulletin No. 41

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# MONITORING WHEAT RESIDUE BURNING IN INDIA USING SATELLITE REMOTE SENSING DURING 2023



Prepared by:

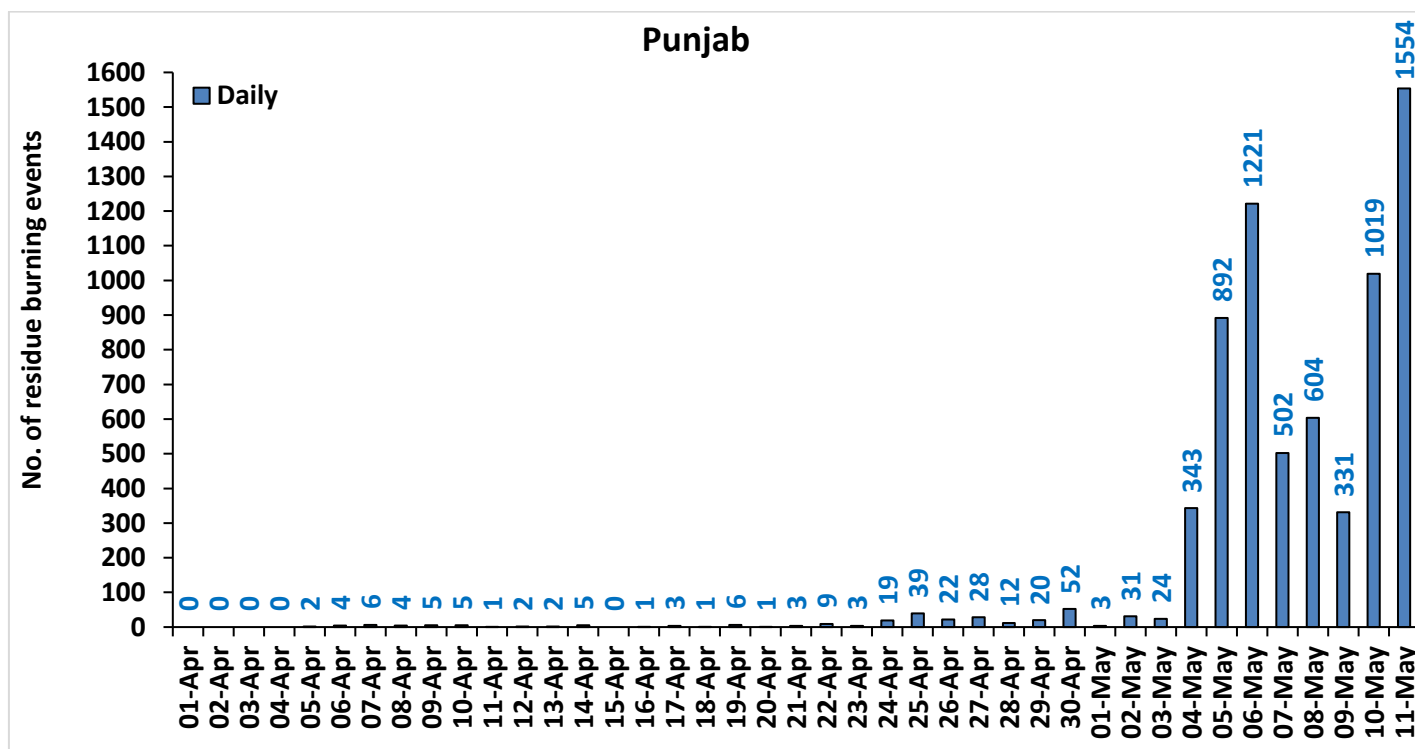
Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,  
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012

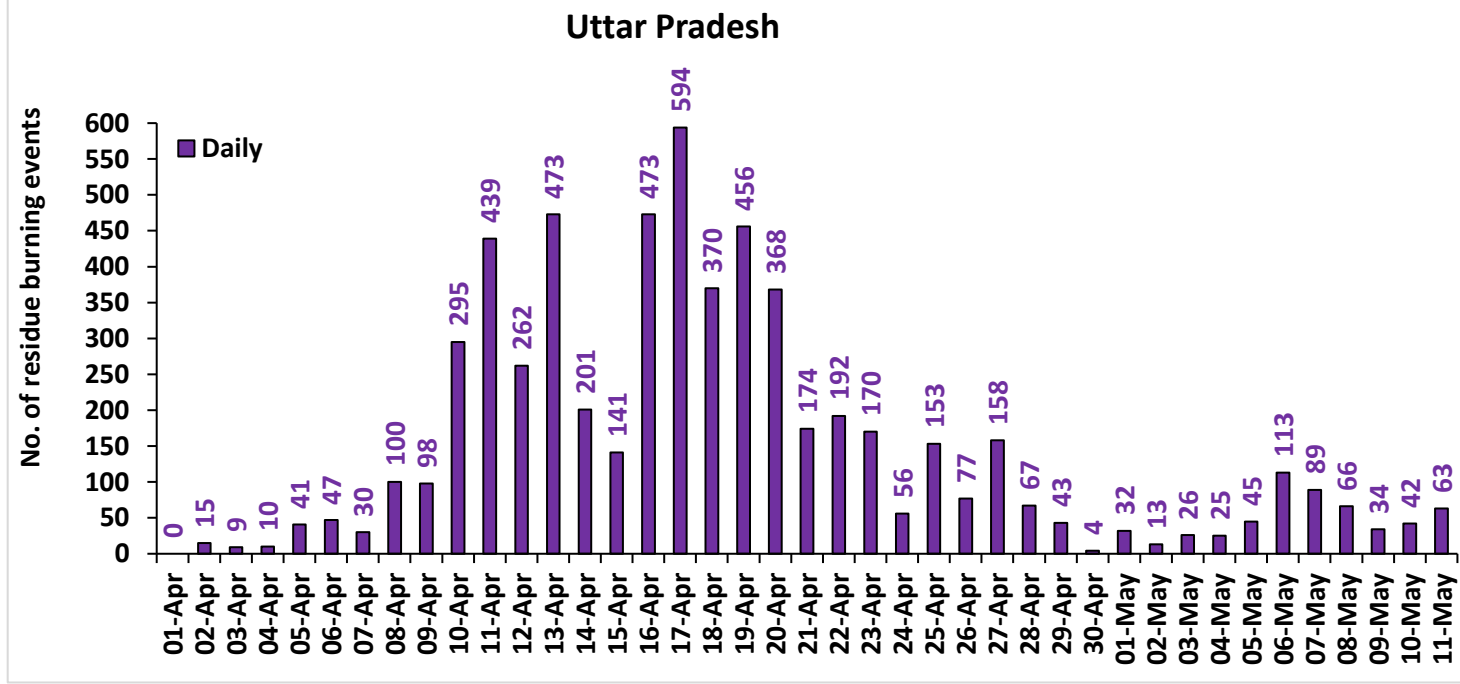
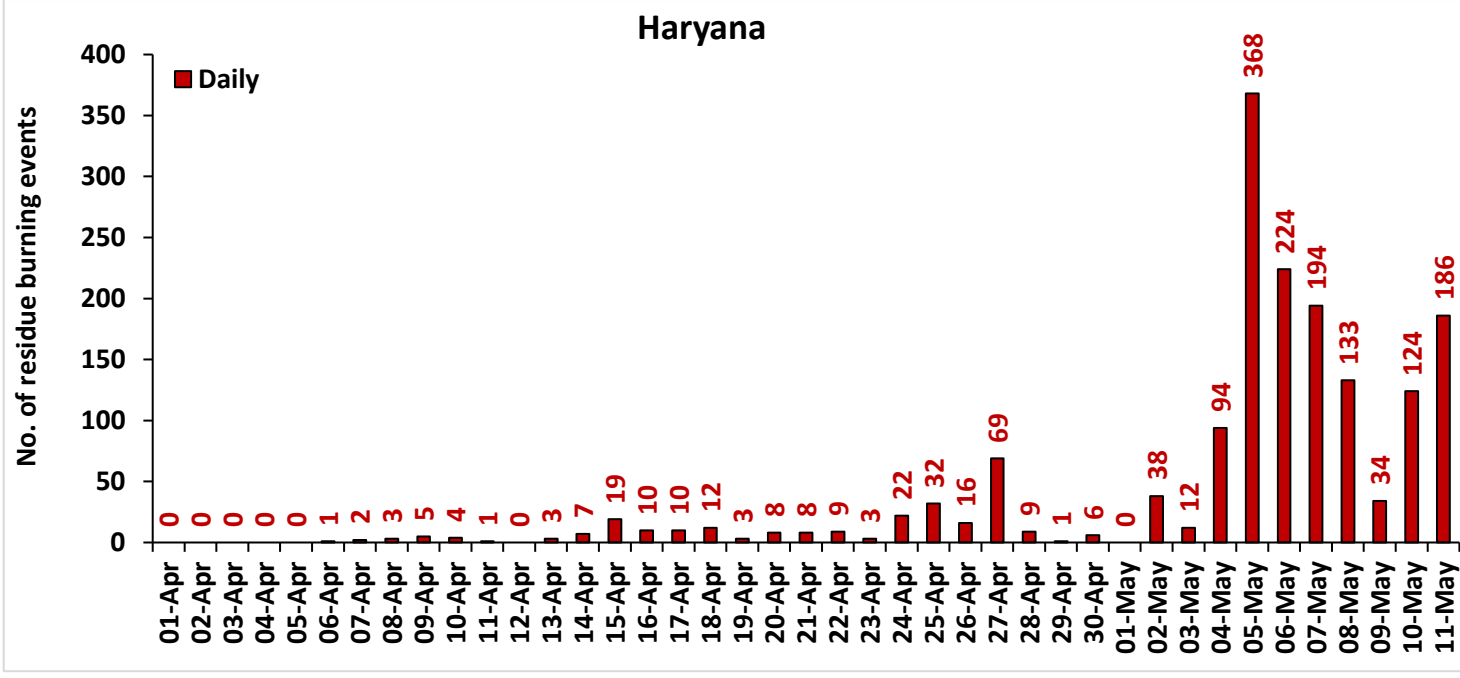
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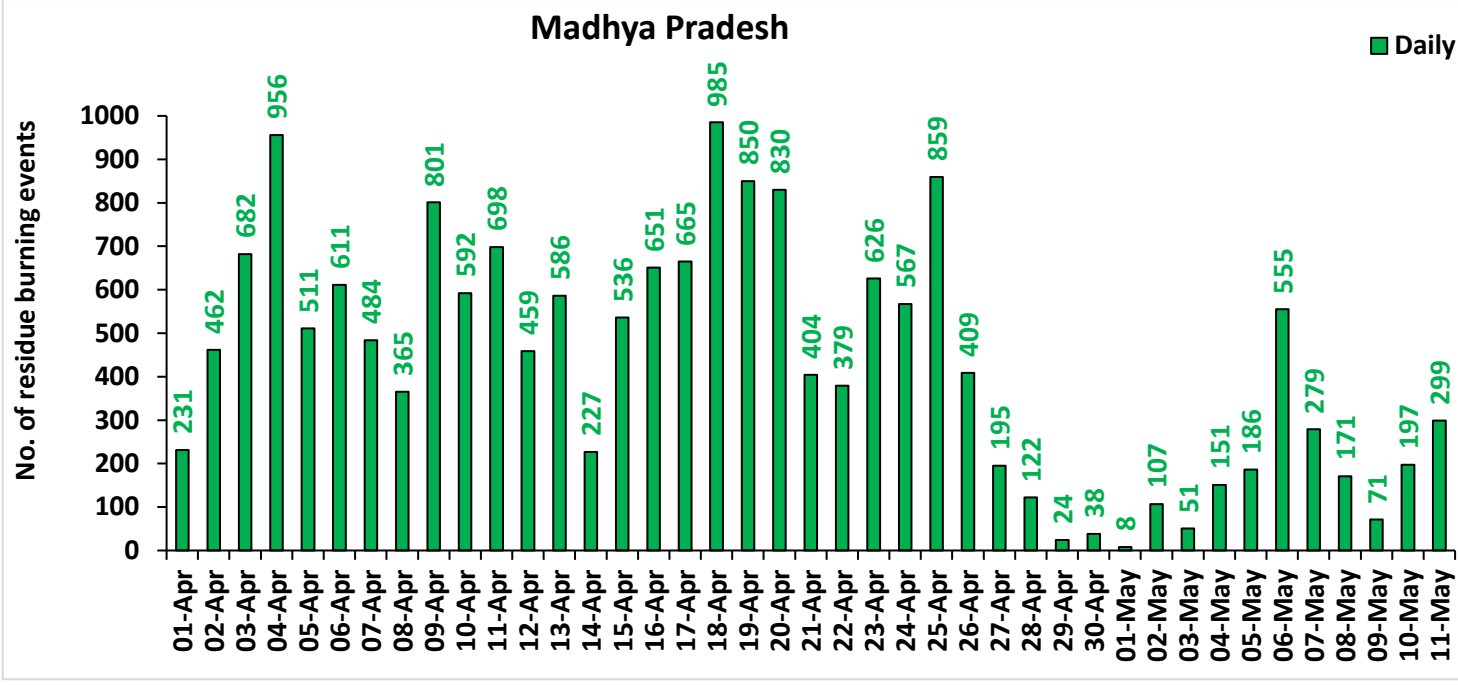
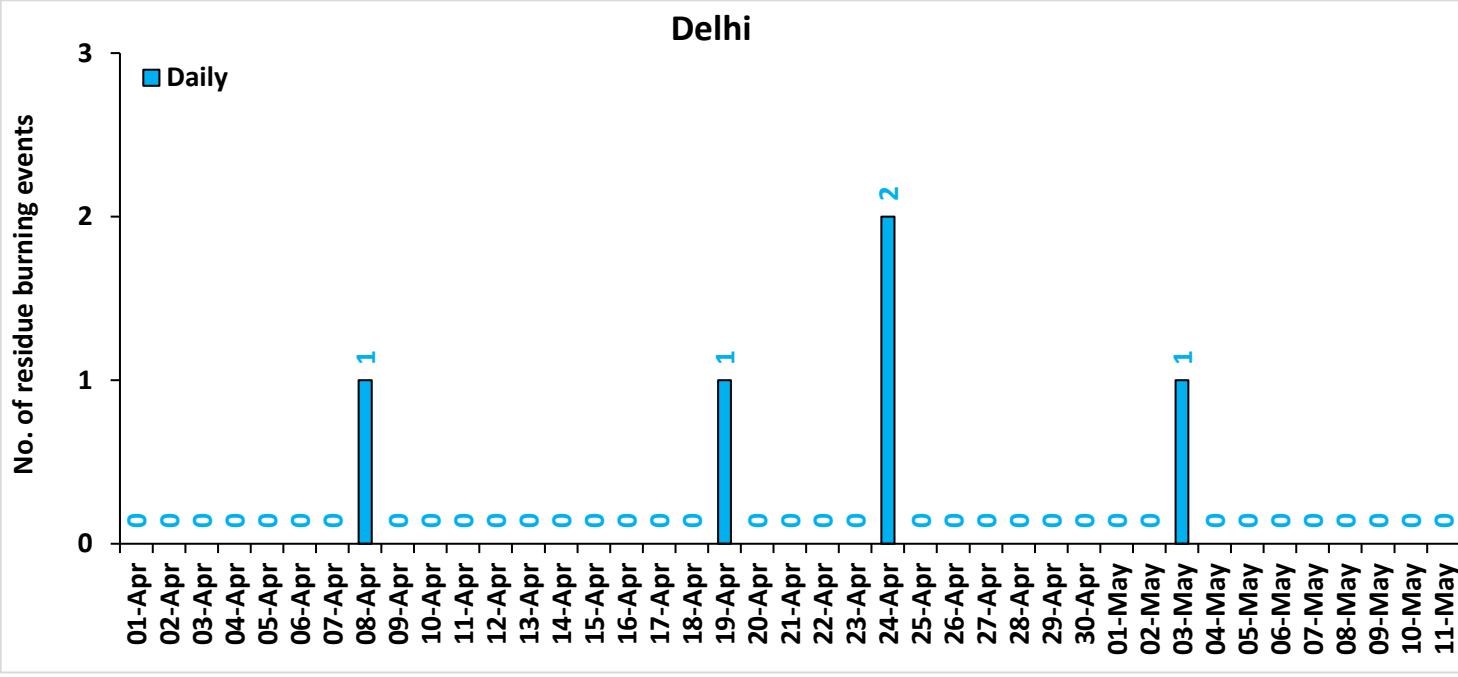
## Highlights for 11-May-2023

- The active fire events due to wheat residue burning were monitored using satellite remote sensing, following the new "Standard Protocol for Estimation of Crop Residue Burning Fire Events using Satellite Data".
- Satellites detected **2102** residue burning events in the five study States on 11-May-2023.
- The state wise events detected on 11-May-2023 were **1554** in Punjab, **186** in Haryana, **00** in Delhi, **63** in Uttar Pradesh and **299** in Madhya Pradesh.
- The number of events has increased from **1382** on 10-May-2023 to **2102** on 11-May-2023 in the five study states.
- Total **32398** burning events were detected in the five states between 01-Apr-2023 and 11-May-2023, which are distributed as **6779**, **1670**, **6064**, **05**, and **17880** in Punjab, Haryana, UP, Delhi, and MP, respectively.

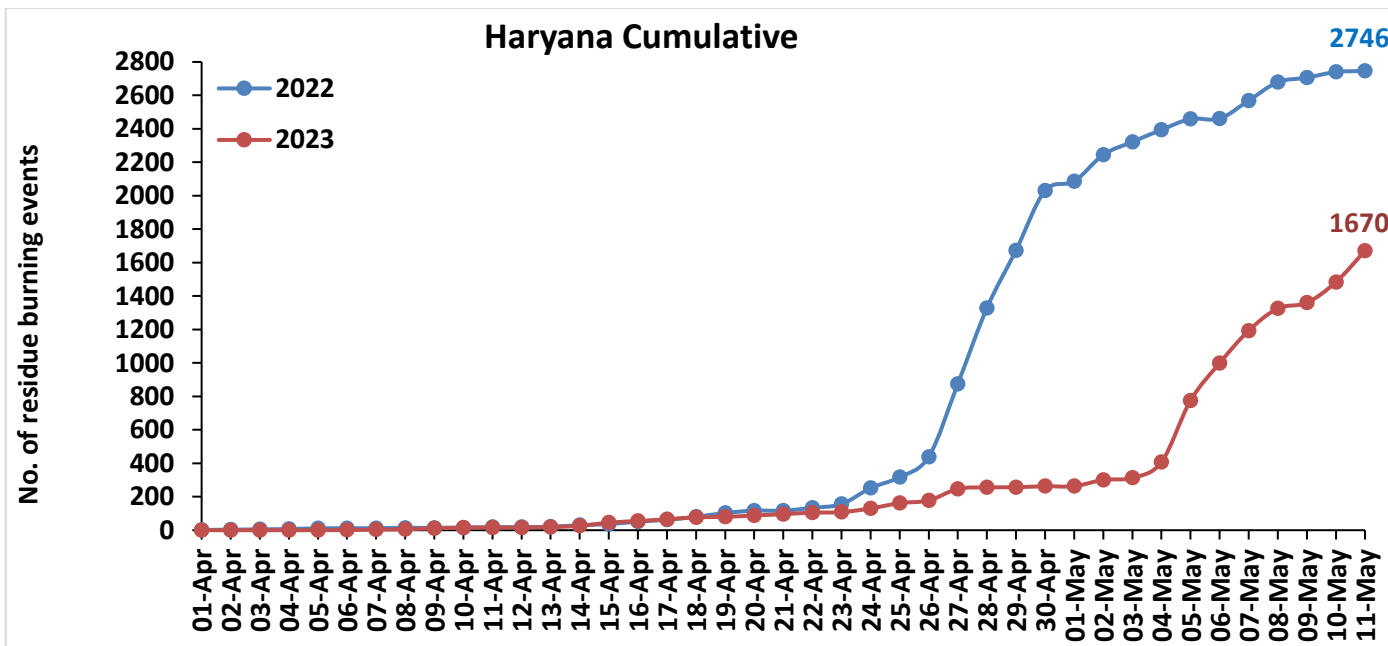
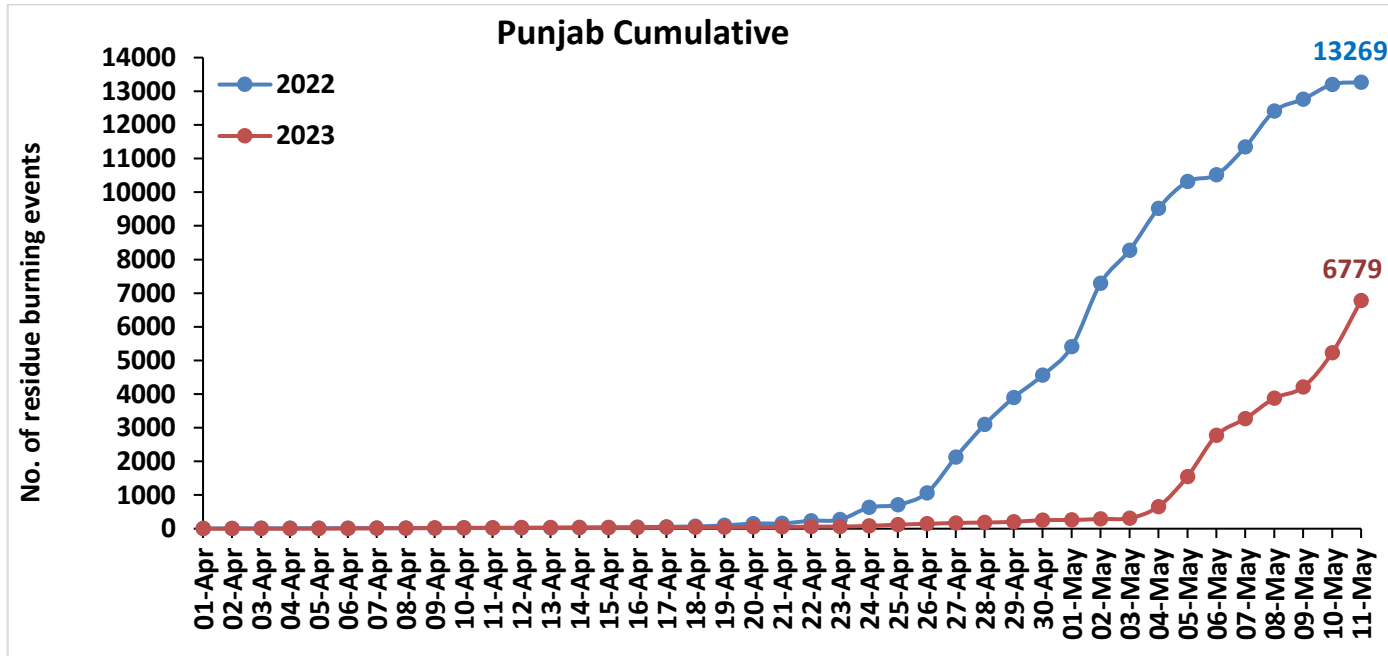
### Temporal distribution of wheat residue burning events for the study States in 2023



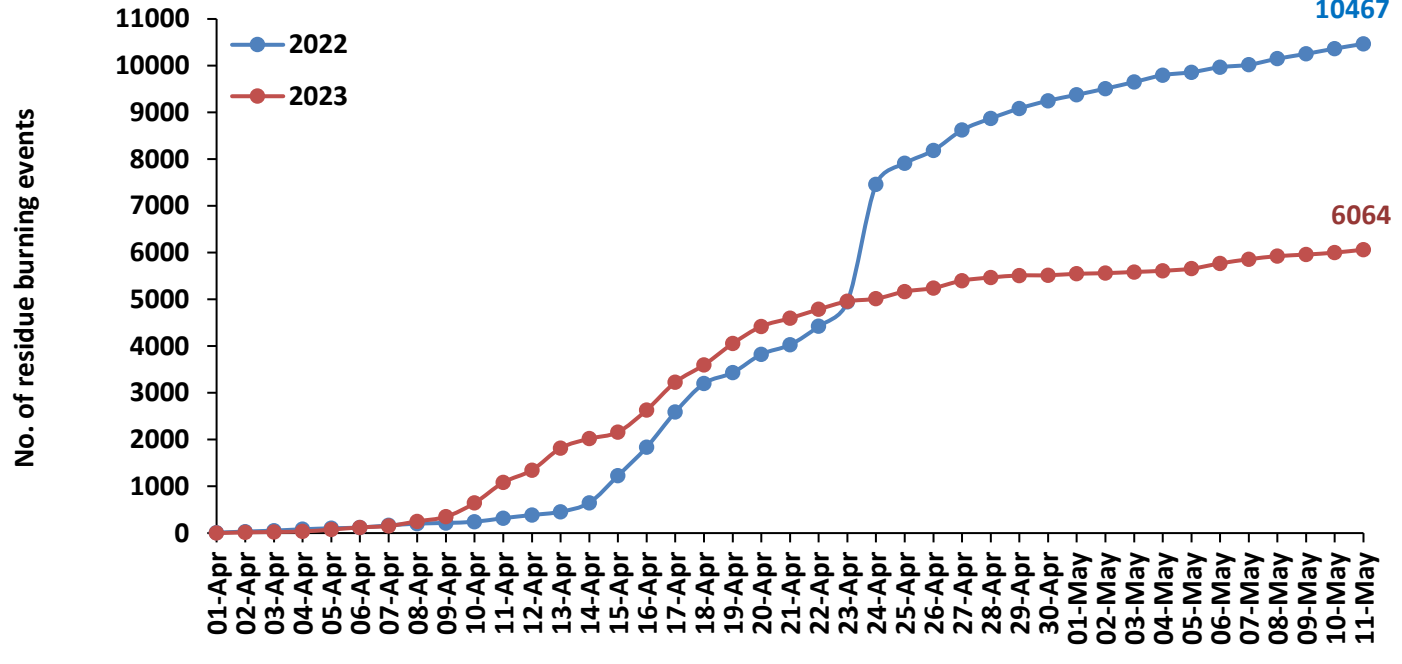




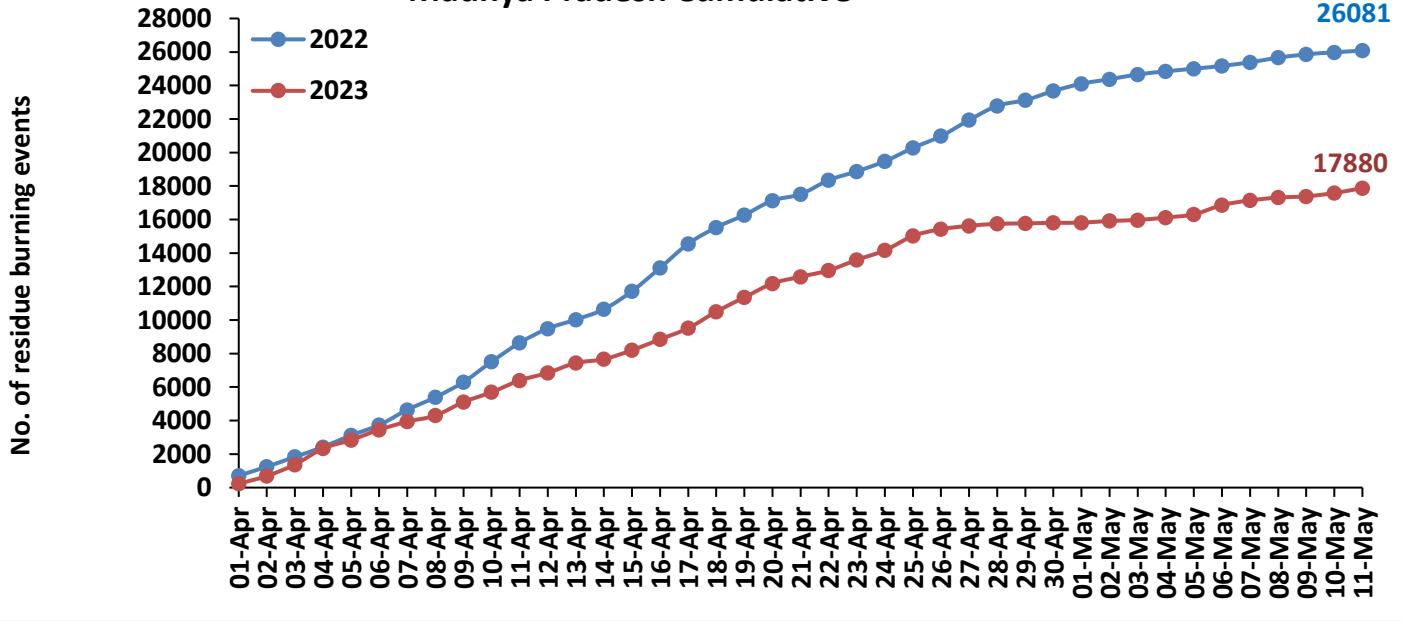
### Comparison of residue burning events in current year (2023) with previous year (2022) for the study States



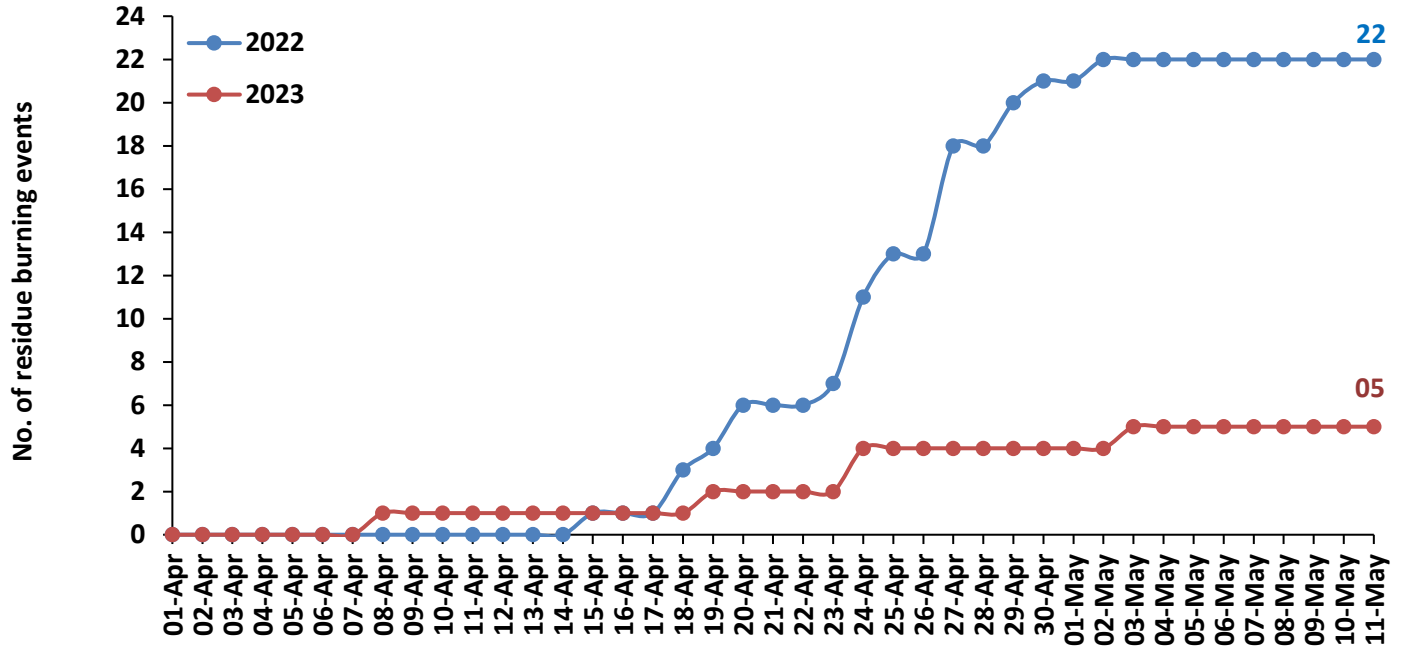
### Uttar Pradesh Cumulative



### Madhya Pradesh Cumulative



### Delhi Cumulative



**District-wise cumulative number of wheat residue burning events detected in 2022 and 2023**  
**(Period: 01 April-11 May)**

**(a) Punjab**

District	01 Apr-11 May	
	2022	2023
Amritsar	1183	373
Barnala	458	510
Bathinda	811	512
Faridkot	491	300
Fatehgarh Sahib	56	50
Fazilka	504	320
Firozpur	1385	533
Gurdaspur	1084	361
Hoshiarpur	447	276
Jalandhar	579	190
Kapurthala	619	146
Ludhiana	779	432
Mansa	405	316
Moga	1060	707
Muktsar	668	447
Pathankot	143	43
Patiala	403	326
Rupnagar	51	6
Sangrur	950	723
SAS NAGAR (Mohali)	24	6
SBS Nagar	135	41
Tarn Taran	1034	161
<b>Total</b>	<b>13269</b>	<b>6779</b>

**(b) Haryana**

District	01 Apr-11 May	
	2022	2023
AMBALA	87	62
BHIWANI	73	20
CHARKHI DADRI	9	5
FARIDABAD	14	15
FATEHABAD	264	261
GURGAON	6	9
HISAR	133	105
JHAJJAR	121	56
JIND	335	140
KAITHAL	273	173
KARNAL	371	194
KURUKSHETRA	132	48
MAHENDRAGARH	0	0
MEWAT	0	8
PALWAL	33	27
PANCHKULA	3	1
PANIPAT	209	95
REWARI	3	3
ROHTAK	210	78
SIRSA	180	231
SONIPAT	270	116
YAMUNANAGAR	20	23
<b>Total</b>	<b>2746</b>	<b>1670</b>



(c) Uttar Pradesh

District	01 Apr-11 May							
	2022	2023						
			GAUTAMBUDHNAGAR	27	24	MUZAFARNAGAR	53	32
			GAZIPUR	97	46	PILHIBHIT	307	56
AGRA	2	0	GHAZIABAD	13	7	PRATAPGARH	20	15
ALIGARH	19	33	GONDA	21	27	RAIBEARELI	92	14
ALLAHABAD	96	32	GORAKHPUR	961	366	RAMPUR	115	20
AMBEDKARNAGAR	11	11	HAMIRPUR	13	27	SANTKABIRNAGAR	683	430
AURAIYA	89	10	HARDOI	94	55	SANTRAVIDASNAGAR	1	2
AZAMGARH	86	72	JALAUN	17	13	SHAHJAHANPUR	311	70
BADAUN	7	4	JAUNPUR	20	6	SHARANPUR	31	15
BAGHPAT	7	3	JHANSI	96	115	SHRAWASTI	85	42
BAHRAICH	104	40	JYOTIBAPHULE NAGAR	9	5	SIDDHARTHANAGAR	2533	1847
BALLIA	135	202	KANNAUJ	0	1	SITAPUR	20	19
BALRAMPUR	236	96	KANPUR	9	2	SONBHADRA	114	24
BANDA	5	3	KANPUR DEHAT	27	12	SULTANPUR	60	26
BARABANKI	7	3	KAUSHAMBI	6	4	UNNAO	45	12
BAREILLY	107	17	KHERI	156	68	VARANASI	1	0
BASTI	424	222	KUSHINAGAR	217	94	<b>Total</b>	<b>10467</b>	<b>6064</b>
BIJNOR	49	23	LACKNOW	11	0			
BULANDSAHAR	8	9	LALITPUR	49	57			
CHANDAULI	286	56	MAHAMAYANAGAR	0	1			
CHITRAKOOT	22	3	MAHARAJGANJ	1493	977			
DEORIA	725	439	MAHOBA	2	43			
ETAH	1	5	MAINPURI	5	6			
ETAWAH	3	4	MATHURA	24	53			
FAIZABAD	4	10	MAU	76	62			
FARRUKHABAD	3	2	MEERUT	17	19			
FATEHPUR	33	23	MIRZAPUR	60	14			
FIROZABAD	1	0	MORADABAD	6	14			

(d) Madhya Pradesh

District	01 Apr-11 May				
	2022	2023			
			PANNA	144	62
ALIRAJPUR	0	0	RAISEN	2587	1646
ANUPPUR	33	1	RAJGARH	136	168
ASHOKNAGAR	626	225	RATLAM	189	287
BALAGHAT	27	1	REWA	113	33
BARWANI	4	7	SAGAR	721	549
BETUL	177	49	SATNA	729	151
BHIND	57	48	SEHORE	923	646
BHOPAL	939	483	SEONI	1521	762
BURHANPUR	11	2	SHAHDOL	99	8
CHHATARPUR	137	115	SHAJAPUR	364	535
CHHINDWARA	488	254	SHEOPUR	356	446
DAMOH	202	245	SHIVPURI	155	109
DATIA	358	273	SIDHI	20	1
DEWAS	558	565	SINGRAULI	107	3
DHAR	1004	873	TIKAMGARH	29	76
DINDORI	43	4	UJJAIN	1210	1758
EAST NIMAR	80	103	UMARIA	49	8
GUNA	702	385	VIDESHA	3691	1705
GWALIOR	522	375	WEST NIMAR	31	55
HARDA	374	270	<b>Total</b>	<b>26081</b>	<b>17880</b>
HOSHANGABAD	4061	2756			
INDORE	968	1008			
JABALPUR	868	457			
JHABUA	2	6			
KATNI	280	92			
MANDLA	172	33			
MANDSAUR	63	104			
MORENA	3	0			
NARSHIMAPURA	128	97			
NIMACH	20	41			

**(e) Delhi**

District	01 Apr-11 May	
	2022	2023
CENTRAL	0	0
EAST	0	0
NEW DELHI	0	0
NORTH	18	2
NORTH EAST	0	0
NORTH WEST DELHI	1	0
SHAHADRA	0	0
SOUTH	1	0
SOUTH EAST	0	0
SOUTH WEST DELHI	1	2
WEST DELHI	1	1
<b>Total</b>	<b>22</b>	<b>5</b>

**State-wise and date-wise number of wheat residue burning events detected in 2022 and 2023**  
**(Period: 01 April-11 May)**

Date	Punjab		Haryana		Uttar Pradesh		Delhi		Madhya Pradesh	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
01-Apr	6	0	2	0	10	0	0	0	715	231
02-Apr	1	0	1	0	22	15	0	0	531	462
03-Apr	3	0	2	0	21	9	0	0	589	682
04-Apr	2	0	2	0	29	10	0	0	589	956
05-Apr	2	2	4	0	21	41	0	0	698	511
06-Apr	0	4	1	1	16	47	0	0	612	611
07-Apr	0	6	0	2	46	30	0	0	908	484
08-Apr	1	4	2	3	37	100	0	1	749	365
09-Apr	0	5	0	5	16	98	0	0	907	801
10-Apr	4	5	2	4	24	295	0	0	1217	592
11-Apr	2	1	2	1	78	439	0	0	1129	698
12-Apr	0	2	0	0	67	262	0	0	847	459
13-Apr	3	2	3	3	70	473	0	0	537	586
14-Apr	7	5	9	7	193	201	0	0	618	227
15-Apr	1	0	7	19	579	141	1	0	1079	536
16-Apr	13	1	14	10	609	473	0	0	1390	651
17-Apr	10	3	12	10	751	594	0	0	1441	665
18-Apr	12	1	17	12	611	370	2	0	972	985
19-Apr	29	6	23	3	231	456	1	1	748	850
20-Apr	56	1	14	8	395	368	2	0	856	830
21-Apr	4	3	0	8	202	174	0	0	379	404
22-Apr	77	9	17	9	398	192	0	0	839	379
23-Apr	35	3	22	2	519	170	1	0	524	626
24-Apr	360	19	96	22	2515	56	4	2	605	567
25-Apr	82	39	65	32	450	153	2	0	796	859

<b>26-Apr</b>	354	22	122	16	277	77	0	0	706	409
<b>27-Apr</b>	1064	28	436	69	436	158	5	0	955	195
<b>28-Apr</b>	965	12	453	9	249	67	0	0	849	122
<b>29-Apr</b>	802	20	345	1	213	43	2	0	340	24
<b>30-Apr</b>	662	52	357	6	166	4	1	0	547	38
<b>01-May</b>	848	3	56	0	126	32	0	0	437	8
<b>02-May</b>	1887	31	159	38	132	13	1	0	265	107
<b>03-May</b>	979	24	77	12	141	26	0	1	283	51
<b>04-May</b>	1247	343	72	94	147	25	0	0	188	151
<b>05-May</b>	796	892	65	368	64	45	0	0	159	186
<b>06-May</b>	202	1221	2	224	107	113	0	0	166	555
<b>07-May</b>	827	502	108	194	52	89	0	0	215	279
<b>08-May</b>	1065	604	110	133	130	66	0	0	275	171
<b>09-May</b>	357	331	27	34	103	34	0	0	199	71
<b>10-May</b>	437	1019	34	124	113	42	0	0	123	197
<b>11-May</b>	67	1554	6	186	101	63	0	0	99	299
<b>Total</b>	<b>13269</b>	<b>6779</b>	<b>2746</b>	<b>1670</b>	<b>10467</b>	<b>6064</b>	<b>22</b>	<b>5</b>	<b>26081</b>	<b>17880</b>

### Details of residue burning events in Punjab on 11-May-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	S-NPP	31.81153	74.83577	12:40:12	D	8.50
2	AMRITSAR	AJNALA	S-NPP	31.81310	74.83172	12:40:12	D	5.00
3	AMRITSAR	AJNALA	S-NPP	31.81873	74.75706	12:40:12	D	4.70
4	AMRITSAR	AJNALA	S-NPP	31.83452	74.89951	12:40:12	D	6.20
5	AMRITSAR	AJNALA	S-NPP	31.85109	74.73415	12:40:12	D	6.80
6	AMRITSAR	AJNALA	S-NPP	31.86242	74.65327	14:20:29	D	4.70
7	AMRITSAR	AJNALA	S-NPP	31.87469	74.76041	14:20:29	D	3.50
8	AMRITSAR	AJNALA	S-NPP	31.88111	74.89584	12:40:12	D	14.30
9	AMRITSAR	AJNALA	S-NPP	31.88231	74.70225	12:40:12	D	2.10
10	AMRITSAR	AJNALA	S-NPP	31.91435	74.70201	12:40:12	D	4.30
11	AMRITSAR	AJNALA	AQUA	31.84600	74.83200	13:53:46	D	21.20
12	AMRITSAR	ATTARI	S-NPP	31.54704	74.83199	14:20:29	D	2.80
13	AMRITSAR	ATTARI	S-NPP	31.55412	74.85127	14:20:29	D	3.30
14	AMRITSAR	ATTARI	S-NPP	31.55878	74.70985	12:40:12	D	6.60
15	AMRITSAR	ATTARI	S-NPP	31.56267	74.89545	14:20:29	D	3.80
16	AMRITSAR	ATTARI	S-NPP	31.56327	74.70815	14:20:29	D	6.30
17	AMRITSAR	ATTARI	S-NPP	31.56683	74.86525	14:20:29	D	4.80
18	AMRITSAR	ATTARI	S-NPP	31.56694	74.84333	12:40:12	D	3.10
19	AMRITSAR	ATTARI	S-NPP	31.57548	74.73798	14:20:29	D	4.30
20	AMRITSAR	ATTARI	S-NPP	31.58228	74.80402	12:40:12	D	2.90
21	AMRITSAR	ATTARI	S-NPP	31.58385	74.80312	12:40:12	D	2.90
22	AMRITSAR	ATTARI	S-NPP	31.58488	74.80115	14:20:29	D	4.30
23	AMRITSAR	ATTARI	S-NPP	31.58516	74.80607	14:20:29	D	4.30
24	AMRITSAR	ATTARI	S-NPP	31.59683	74.61002	12:40:12	D	4.10
25	AMRITSAR	ATTARI	S-NPP	31.63441	74.55579	12:40:12	D	3.50
26	AMRITSAR	ATTARI	S-NPP	31.63467	74.55806	12:40:12	D	4.50
27	AMRITSAR	ATTARI	AQUA	31.56300	74.85300	13:53:46	D	13.00
28	AMRITSAR	ATTARI	AQUA	31.56500	74.86400	13:53:46	D	11.80
29	AMRITSAR	CHOGAWAN	S-NPP	31.62928	74.65807	12:40:12	D	3.20

30	AMRITSAR	CHOGAWAN	S-NPP	31.64586	74.67294	12:40:12	D	4.40
31	AMRITSAR	CHOGAWAN	S-NPP	31.64675	74.67479	12:40:12	D	5.00
32	AMRITSAR	CHOGAWAN	S-NPP	31.65666	74.64035	12:40:12	D	1.70
33	AMRITSAR	CHOGAWAN	S-NPP	31.65742	74.64236	12:40:12	D	2.80
34	AMRITSAR	CHOGAWAN	S-NPP	31.68570	74.72355	12:40:12	D	2.40
35	AMRITSAR	CHOGAWAN	S-NPP	31.68583	74.72703	12:40:12	D	5.30
36	AMRITSAR	CHOGAWAN	S-NPP	31.84300	74.60646	12:40:12	D	12.70
37	AMRITSAR	CHOGAWAN	S-NPP	31.87454	74.62564	12:40:12	D	5.30
38	AMRITSAR	CHOGAWAN	S-NPP	31.87478	74.62923	12:40:12	D	7.30
39	AMRITSAR	CHOGAWAN	S-NPP	31.87594	74.63083	12:40:12	D	6.20
40	AMRITSAR	HARSHA CHHINA	S-NPP	31.71129	74.77260	14:20:29	D	7.70
41	AMRITSAR	HARSHA CHHINA	S-NPP	31.72728	74.84578	14:20:29	D	4.10
42	AMRITSAR	HARSHA CHHINA	S-NPP	31.73754	74.84559	12:40:12	D	6.00
43	AMRITSAR	HARSHA CHHINA	S-NPP	31.73771	74.82014	14:20:29	D	11.50
44	AMRITSAR	HARSHA CHHINA	S-NPP	31.75144	74.80156	12:40:12	D	12.60
45	AMRITSAR	HARSHA CHHINA	S-NPP	31.75728	74.79945	12:40:12	D	7.30
46	AMRITSAR	HARSHA CHHINA	S-NPP	31.77749	74.73026	12:40:12	D	7.40
47	AMRITSAR	HARSHA CHHINA	S-NPP	31.77843	74.72648	12:40:12	D	10.30
48	AMRITSAR	HARSHA CHHINA	S-NPP	31.77982	74.73162	12:40:12	D	13.60
49	AMRITSAR	HARSHA CHHINA	S-NPP	31.78335	74.72814	12:40:12	D	7.40
50	AMRITSAR	HARSHA CHHINA	S-NPP	31.79424	74.87090	14:20:29	D	6.00
51	AMRITSAR	HARSHA CHHINA	S-NPP	31.79454	74.87589	14:20:29	D	7.90
52	AMRITSAR	HARSHA CHHINA	S-NPP	31.79768	74.87053	14:20:29	D	4.70
53	AMRITSAR	HARSHA CHHINA	S-NPP	31.79795	74.87553	14:20:29	D	4.70
54	AMRITSAR	HARSHA CHHINA	S-NPP	31.81812	74.87424	12:40:12	D	11.20
55	AMRITSAR	HARSHA CHHINA	AQUA	31.70100	74.78100	13:53:46	D	22.10
56	AMRITSAR	JANDIALA GURU	S-NPP	31.53764	75.12772	12:40:12	D	4.10
57	AMRITSAR	JANDIALA GURU	S-NPP	31.55107	75.05763	12:40:12	D	4.80
58	AMRITSAR	JANDIALA GURU	S-NPP	31.55363	75.05849	12:40:12	D	6.40
59	AMRITSAR	JANDIALA GURU	S-NPP	31.62877	74.97105	12:40:12	D	5.10
60	AMRITSAR	MAJITHA	S-NPP	31.68588	74.99476	12:40:12	D	4.10
61	AMRITSAR	MAJITHA	S-NPP	31.70907	74.98648	12:40:12	D	5.40
62	AMRITSAR	MAJITHA	S-NPP	31.72122	74.95166	14:20:29	D	3.90

63	AMRITSAR	MAJITHA	S-NPP	31.72440	74.94805	12:40:12	D	4.70
64	AMRITSAR	MAJITHA	S-NPP	31.72553	74.96590	14:20:29	D	1.40
65	AMRITSAR	MAJITHA	S-NPP	31.72663	74.94116	14:20:29	D	2.80
66	AMRITSAR	MAJITHA	S-NPP	31.73454	74.97607	14:20:29	D	13.30
67	AMRITSAR	MAJITHA	S-NPP	31.74534	74.95498	14:20:29	D	6.10
68	AMRITSAR	MAJITHA	S-NPP	31.74667	75.09419	12:40:12	D	2.40
69	AMRITSAR	MAJITHA	S-NPP	31.74695	74.95281	12:40:12	D	3.30
70	AMRITSAR	MAJITHA	S-NPP	31.74850	75.07742	12:40:12	D	4.90
71	AMRITSAR	MAJITHA	S-NPP	31.75238	75.07984	12:40:12	D	4.90
72	AMRITSAR	MAJITHA	S-NPP	31.75491	75.04103	12:40:12	D	4.70
73	AMRITSAR	MAJITHA	S-NPP	31.75620	75.04599	12:40:12	D	11.70
74	AMRITSAR	MAJITHA	S-NPP	31.75792	75.04166	12:40:12	D	12.90
75	AMRITSAR	MAJITHA	S-NPP	31.75923	75.04659	12:40:12	D	13.90
76	AMRITSAR	MAJITHA	S-NPP	31.76106	75.02971	12:40:12	D	5.90
77	AMRITSAR	MAJITHA	S-NPP	31.77000	75.01572	12:40:12	D	3.40
78	AMRITSAR	MAJITHA	S-NPP	31.77544	75.07162	12:40:12	D	3.70
79	AMRITSAR	MAJITHA	S-NPP	31.78049	75.05534	12:40:12	D	15.20
80	AMRITSAR	MAJITHA	S-NPP	31.78180	75.06027	12:40:12	D	26.20
81	AMRITSAR	MAJITHA	S-NPP	31.78442	74.95047	12:40:12	D	7.30
82	AMRITSAR	MAJITHA	S-NPP	31.78516	75.09676	12:40:12	D	10.20
83	AMRITSAR	MAJITHA	S-NPP	31.78549	75.02649	12:40:12	D	6.50
84	AMRITSAR	MAJITHA	S-NPP	31.78865	75.01452	12:40:12	D	6.80
85	AMRITSAR	MAJITHA	S-NPP	31.79443	75.01247	12:40:12	D	6.80
86	AMRITSAR	MAJITHA	S-NPP	31.80527	74.95581	14:20:29	D	3.90
87	AMRITSAR	MAJITHA	S-NPP	31.80893	74.94720	12:40:12	D	8.60
88	AMRITSAR	MAJITHA	S-NPP	31.81024	74.95221	12:40:12	D	12.50
89	AMRITSAR	MAJITHA	S-NPP	31.82331	75.00212	12:40:12	D	6.30
90	AMRITSAR	MAJITHA	S-NPP	31.82461	75.00710	12:40:12	D	6.30
91	AMRITSAR	MAJITHA	AQUA	31.75200	75.13400	13:53:46	D	15.50
92	AMRITSAR	MAJITHA	AQUA	31.75300	75.14400	13:53:46	D	41.60
93	AMRITSAR	MAJITHA	AQUA	31.76100	75.06800	13:53:46	D	18.10
94	AMRITSAR	RAYYA	S-NPP	31.53384	75.20993	12:40:12	D	6.90
95	AMRITSAR	RAYYA	S-NPP	31.56648	75.16998	14:20:29	D	4.20



96	AMRITSAR	RAYYA	S-NPP	31.58158	75.27309	12:40:12	D	3.50
97	AMRITSAR	RAYYA	S-NPP	31.64577	75.28901	12:40:12	D	4.90
98	AMRITSAR	RAYYA	S-NPP	31.68854	75.26291	14:20:29	D	2.70
99	AMRITSAR	RAYYA	S-NPP	31.69578	75.28352	14:20:29	D	2.90
100	AMRITSAR	RAYYA	AQUA	31.53100	75.20700	13:53:46	D	11.20
101	AMRITSAR	TARSIKKA	S-NPP	31.60167	75.14462	12:40:12	D	2.80
102	AMRITSAR	TARSIKKA	S-NPP	31.60614	75.13764	12:40:12	D	2.80
103	AMRITSAR	TARSIKKA	S-NPP	31.66756	75.21155	12:40:12	D	3.70
104	AMRITSAR	TARSIKKA	S-NPP	31.68478	75.20552	12:40:12	D	1.00
105	AMRITSAR	TARSIKKA	S-NPP	31.68865	75.22012	12:40:12	D	2.30
106	AMRITSAR	TARSIKKA	S-NPP	31.68993	75.22497	12:40:12	D	2.30
107	AMRITSAR	TARSIKKA	S-NPP	31.69045	75.22031	12:40:12	D	4.80
108	AMRITSAR	TARSIKKA	S-NPP	31.69681	75.19411	14:20:29	D	9.60
109	AMRITSAR	TARSIKKA	S-NPP	31.72240	75.18164	12:40:12	D	5.30
110	AMRITSAR	TARSIKKA	S-NPP	31.72368	75.18652	12:40:12	D	4.90
111	AMRITSAR	TARSIKKA	S-NPP	31.73196	75.14625	12:40:12	D	10.50
112	AMRITSAR	TARSIKKA	S-NPP	31.73770	75.14420	12:40:12	D	11.00
113	AMRITSAR	TARSIKKA	S-NPP	31.74154	75.15890	12:40:12	D	5.40
114	AMRITSAR	TARSIKKA	AQUA	31.69100	75.22700	13:53:46	D	20.60
115	AMRITSAR	VERKA	S-NPP	31.58691	74.80437	14:20:29	D	7.90
116	AMRITSAR	VERKA	S-NPP	31.59614	74.79043	14:20:29	D	4.40
117	AMRITSAR	VERKA	S-NPP	31.59780	74.78880	14:20:29	D	5.40
118	AMRITSAR	VERKA	S-NPP	31.70403	74.93501	12:40:12	D	4.00
119	AMRITSAR	VERKA	S-NPP	31.71519	74.91274	12:40:12	D	10.90
120	AMRITSAR	VERKA	S-NPP	31.71651	74.91781	12:40:12	D	9.40
121	AMRITSAR	VERKA	S-NPP	31.71744	74.91375	12:40:12	D	12.50
122	AMRITSAR	VERKA	S-NPP	31.73517	74.88020	14:20:29	D	9.80
123	BARNALA	BARNALA	S-NPP	30.20320	75.51376	12:40:12	D	5.10
124	BARNALA	BARNALA	S-NPP	30.21941	75.56722	14:20:29	D	15.10
125	BARNALA	BARNALA	S-NPP	30.44602	75.62608	12:40:12	D	6.60
126	BARNALA	BARNALA	S-NPP	30.44985	75.62623	12:40:12	D	13.00
127	BARNALA	BARNALA	S-NPP	30.45181	75.62410	12:40:12	D	8.00
128	BARNALA	BARNALA	AQUA	30.46200	75.65900	13:53:46	D	7.70

129	BARNALA	MAHAL KALAN	S-NPP	30.49956	75.50220	12:40:12	D	6.80
130	BARNALA	MAHAL KALAN	S-NPP	30.52421	75.45048	12:40:12	D	4.20
131	BARNALA	MAHAL KALAN	S-NPP	30.53656	75.42448	12:40:12	D	7.20
132	BARNALA	MAHAL KALAN	S-NPP	30.54640	75.56149	12:40:12	D	10.30
133	BARNALA	MAHAL KALAN	S-NPP	30.54807	75.55708	12:40:12	D	5.50
134	BARNALA	MAHAL KALAN	S-NPP	30.54936	75.56200	12:40:12	D	5.50
135	BARNALA	MAHAL KALAN	S-NPP	30.55899	75.62254	12:40:12	D	8.30
136	BARNALA	MAHAL KALAN	S-NPP	30.56145	75.62025	12:40:12	D	5.30
137	BARNALA	MAHAL KALAN	AQUA	30.46300	75.47900	13:53:46	D	26.20
138	BARNALA	MAHAL KALAN	AQUA	30.51100	75.48400	13:53:46	D	9.50
139	BARNALA	MAHAL KALAN	AQUA	30.55400	75.52900	13:53:46	D	15.00
140	BARNALA	MAHAL KALAN	AQUA	30.55600	75.53900	13:53:46	D	12.10
141	BARNALA	MAHAL KALAN	AQUA	30.57600	75.61900	13:53:46	D	10.60
142	BARNALA	SEHNA	S-NPP	30.44423	75.36285	12:40:12	D	12.70
143	BARNALA	SEHNA	S-NPP	30.44555	75.36792	12:40:12	D	12.70
144	BARNALA	SEHNA	AQUA	30.46200	75.46900	13:53:46	D	26.80
145	BATHINDA	BATHINDA	S-NPP	30.15939	74.86679	14:20:29	D	4.90
146	BATHINDA	BATHINDA	S-NPP	30.19895	75.02740	14:20:29	D	14.60
147	BATHINDA	BATHINDA	S-NPP	30.20558	74.85367	14:20:29	D	13.70
148	BATHINDA	BATHINDA	S-NPP	30.25315	74.81414	12:40:12	D	6.10
149	BATHINDA	BHAGTA BHAI KA	S-NPP	30.40719	75.10814	14:20:29	D	12.80
150	BATHINDA	BHAGTA BHAI KA	S-NPP	30.46145	75.08385	12:40:12	D	9.90
151	BATHINDA	BHAGTA BHAI KA	S-NPP	30.46284	75.08909	12:40:12	D	10.10
152	BATHINDA	BHAGTA BHAI KA	S-NPP	30.46704	75.06220	14:20:29	D	7.00
153	BATHINDA	BHAGTA BHAI KA	S-NPP	30.46733	75.06712	14:20:29	D	7.00
154	BATHINDA	BHAGTA BHAI KA	S-NPP	30.47003	75.06392	14:20:29	D	9.00
155	BATHINDA	BHAGTA BHAI KA	S-NPP	30.47035	75.06883	14:20:29	D	11.00
156	BATHINDA	BHAGTA BHAI KA	S-NPP	30.48990	75.21571	12:40:12	D	8.70
157	BATHINDA	BHAGTA BHAI KA	S-NPP	30.50611	75.27711	12:40:12	D	8.90
158	BATHINDA	BHAGTA BHAI KA	S-NPP	30.50681	75.12871	14:20:29	D	8.50
159	BATHINDA	BHAGTA BHAI KA	S-NPP	30.51247	75.12332	14:20:29	D	11.50
160	BATHINDA	BHAGTA BHAI KA	S-NPP	30.51277	75.12827	14:20:29	D	8.50
161	BATHINDA	BHAGTA BHAI KA	S-NPP	30.52219	75.14252	12:40:12	D	9.40

162	BATHINDA	BHAGTA BHAI KA	S-NPP	30.53721	75.13642	14:20:29	D	9.40
163	BATHINDA	BHAGTA BHAI KA	S-NPP	30.57526	75.14350	12:40:12	D	3.40
164	BATHINDA	BHAGTA BHAI KA	AQUA	30.44000	75.05600	13:53:46	D	10.80
165	BATHINDA	BHAGTA BHAI KA	AQUA	30.44200	75.06600	13:53:46	D	23.10
166	BATHINDA	GONIANA MANDI	S-NPP	30.27363	74.89032	12:40:12	D	4.10
167	BATHINDA	GONIANA MANDI	S-NPP	30.29021	74.81926	14:20:29	D	7.40
168	BATHINDA	GONIANA MANDI	S-NPP	30.29988	74.81591	12:40:12	D	5.10
169	BATHINDA	GONIANA MANDI	S-NPP	30.33015	74.92975	12:40:12	D	3.90
170	BATHINDA	GONIANA MANDI	S-NPP	30.33789	74.90943	12:40:12	D	6.20
171	BATHINDA	GONIANA MANDI	S-NPP	30.35866	74.99380	14:20:29	D	3.00
172	BATHINDA	GONIANA MANDI	S-NPP	30.36195	74.94978	14:20:29	D	3.90
173	BATHINDA	GONIANA MANDI	S-NPP	30.36341	74.94787	14:20:29	D	5.00
174	BATHINDA	GONIANA MANDI	S-NPP	30.36479	75.01124	12:40:12	D	6.90
175	BATHINDA	GONIANA MANDI	S-NPP	30.37175	74.83847	12:40:12	D	6.30
176	BATHINDA	MAUR	S-NPP	30.04070	75.11289	12:40:12	D	8.60
177	BATHINDA	MAUR	S-NPP	30.09090	75.07280	14:20:29	D	4.50
178	BATHINDA	MAUR	S-NPP	30.15443	75.09951	12:40:12	D	8.70
179	BATHINDA	MAUR	AQUA	30.08000	75.05700	13:53:46	D	9.90
180	BATHINDA	MAUR	AQUA	30.08200	75.06700	13:53:46	D	16.70
181	BATHINDA	NATHANA	S-NPP	30.18113	75.10190	12:40:12	D	9.30
182	BATHINDA	NATHANA	S-NPP	30.21375	75.17694	12:40:12	D	7.10
183	BATHINDA	NATHANA	S-NPP	30.31398	75.10310	14:20:29	D	3.50
184	BATHINDA	NATHANA	S-NPP	30.40124	75.10857	14:20:29	D	12.80
185	BATHINDA	NATHANA	AQUA	30.21600	75.17200	13:53:46	D	15.60
186	BATHINDA	NATHANA	AQUA	30.25700	75.12600	13:53:46	D	33.40
187	BATHINDA	NATHANA	AQUA	30.29800	75.03300	13:53:46	D	17.20
188	BATHINDA	NATHANA	AQUA	30.30800	75.10500	13:53:46	D	16.40
189	BATHINDA	PHUL	S-NPP	30.36690	75.18371	14:20:29	D	11.00
190	BATHINDA	PHUL	S-NPP	30.36962	75.18069	14:20:29	D	3.50
191	BATHINDA	PHUL	S-NPP	30.45350	75.17953	14:20:29	D	5.80
192	BATHINDA	RAMPURA	S-NPP	30.15115	75.28711	12:40:12	D	9.50
193	BATHINDA	RAMPURA	S-NPP	30.15258	75.28873	12:40:12	D	7.30
194	BATHINDA	RAMPURA	S-NPP	30.17762	75.21214	12:40:12	D	7.90

195	BATHINDA	RAMPURA	S-NPP	30.18357	75.21013	12:40:12	D	8.30
196	BATHINDA	RAMPURA	S-NPP	30.18666	75.34447	12:40:12	D	8.20
197	BATHINDA	RAMPURA	S-NPP	30.21512	75.18219	12:40:12	D	7.10
198	BATHINDA	RAMPURA	S-NPP	30.21908	75.27167	12:40:12	D	8.30
199	BATHINDA	RAMPURA	AQUA	30.21800	75.18200	13:53:46	D	12.40
200	BATHINDA	SANGAT	S-NPP	30.03588	74.80284	12:40:12	D	8.10
201	BATHINDA	SANGAT	S-NPP	30.03869	74.80508	12:40:12	D	7.30
202	BATHINDA	SANGAT	S-NPP	30.04830	74.74992	12:40:12	D	3.80
203	BATHINDA	SANGAT	S-NPP	30.06897	74.92078	12:40:12	D	3.90
204	BATHINDA	SANGAT	S-NPP	30.07759	74.68465	12:40:12	D	10.00
205	BATHINDA	SANGAT	S-NPP	30.07908	74.69028	12:40:12	D	18.80
206	BATHINDA	SANGAT	S-NPP	30.11468	74.94926	12:40:12	D	16.80
207	BATHINDA	SANGAT	AQUA	29.98300	74.77700	13:53:46	D	44.70
208	BATHINDA	TALWANDI SABO	S-NPP	29.90638	74.96290	03:10:29	N	2.10
209	BATHINDA	TALWANDI SABO	S-NPP	29.90740	74.94942	12:40:12	D	19.80
210	BATHINDA	TALWANDI SABO	S-NPP	29.94389	75.03783	12:40:12	D	10.20
211	BATHINDA	TALWANDI SABO	S-NPP	29.99046	75.11562	12:40:12	D	6.70
212	BATHINDA	TALWANDI SABO	S-NPP	30.06749	74.98231	14:20:29	D	4.50
213	BATHINDA	TALWANDI SABO	AQUA	29.91800	74.94500	03:01:11	N	26.50
214	FARIDKOT	FARIDKOT	S-NPP	30.58732	74.67848	12:40:12	D	11.40
215	FARIDKOT	FARIDKOT	S-NPP	30.59499	74.65771	12:40:12	D	10.20
216	FARIDKOT	FARIDKOT	S-NPP	30.61503	74.70496	14:20:29	D	6.80
217	FARIDKOT	FARIDKOT	S-NPP	30.63711	74.81567	12:40:12	D	6.90
218	FARIDKOT	FARIDKOT	S-NPP	30.64100	74.68655	12:40:12	D	10.30
219	FARIDKOT	FARIDKOT	S-NPP	30.64648	74.75458	14:20:29	D	3.70
220	FARIDKOT	FARIDKOT	S-NPP	30.64755	74.75449	14:20:29	D	3.20
221	FARIDKOT	FARIDKOT	S-NPP	30.64937	74.78772	12:40:12	D	7.60
222	FARIDKOT	FARIDKOT	S-NPP	30.66222	74.92185	14:20:29	D	13.00
223	FARIDKOT	FARIDKOT	S-NPP	30.66435	74.92155	14:20:29	D	13.90
224	FARIDKOT	FARIDKOT	S-NPP	30.68019	74.92538	14:20:29	D	6.50
225	FARIDKOT	FARIDKOT	S-NPP	30.68724	74.85678	12:40:12	D	14.50
226	FARIDKOT	FARIDKOT	S-NPP	30.68776	74.85930	12:40:12	D	11.80
227	FARIDKOT	FARIDKOT	S-NPP	30.69024	74.89539	14:20:29	D	5.30

228	FARIDKOT	FARIDKOT	S-NPP	30.70115	74.86049	12:40:12	D	7.10
229	FARIDKOT	FARIDKOT	S-NPP	30.72048	74.71237	12:40:12	D	5.90
230	FARIDKOT	FARIDKOT	S-NPP	30.72620	74.88084	12:40:12	D	3.90
231	FARIDKOT	FARIDKOT	S-NPP	30.76934	74.56740	14:20:29	D	6.40
232	FARIDKOT	FARIDKOT	S-NPP	30.77317	74.68783	12:40:12	D	5.10
233	FARIDKOT	FARIDKOT	S-NPP	30.77918	74.68568	12:40:12	D	5.10
234	FARIDKOT	FARIDKOT	AQUA	30.66600	74.83500	13:53:46	D	20.70
235	FARIDKOT	FARIDKOT	AQUA	30.69700	74.86000	13:53:46	D	11.80
236	FARIDKOT	FARIDKOT	AQUA	30.72800	74.50700	13:53:46	D	19.10
237	FARIDKOT	JAITON	S-NPP	30.37756	74.91471	14:20:29	D	3.60
238	FARIDKOT	JAITON	S-NPP	30.39706	75.03981	14:20:29	D	3.50
239	FARIDKOT	JAITON	S-NPP	30.39737	74.86777	12:40:12	D	8.40
240	FARIDKOT	JAITON	S-NPP	30.40649	74.99991	14:20:29	D	8.50
241	FARIDKOT	JAITON	S-NPP	30.40679	75.00478	14:20:29	D	12.00
242	FARIDKOT	JAITON	S-NPP	30.40720	74.78123	12:40:12	D	9.90
243	FARIDKOT	JAITON	S-NPP	30.41046	74.78312	14:20:29	D	3.80
244	FARIDKOT	JAITON	S-NPP	30.41399	74.99997	12:40:12	D	3.60
245	FARIDKOT	JAITON	S-NPP	30.41595	74.86845	14:20:29	D	6.30
246	FARIDKOT	JAITON	S-NPP	30.43797	74.97089	12:40:12	D	5.40
247	FARIDKOT	JAITON	S-NPP	30.43831	74.82397	12:40:12	D	8.60
248	FARIDKOT	JAITON	S-NPP	30.44050	74.91273	14:20:29	D	3.70
249	FARIDKOT	JAITON	S-NPP	30.44221	74.90978	14:20:29	D	5.00
250	FARIDKOT	JAITON	S-NPP	30.45513	74.74335	12:40:12	D	7.10
251	FARIDKOT	JAITON	S-NPP	30.45576	74.74025	12:40:12	D	6.00
252	FARIDKOT	JAITON	S-NPP	30.45657	74.91777	12:40:12	D	10.70
253	FARIDKOT	JAITON	S-NPP	30.45661	74.74883	12:40:12	D	7.10
254	FARIDKOT	JAITON	S-NPP	30.45721	74.74575	12:40:12	D	6.00
255	FARIDKOT	JAITON	S-NPP	30.45919	74.73468	14:20:29	D	11.80
256	FARIDKOT	JAITON	S-NPP	30.46006	74.74876	14:20:29	D	6.90
257	FARIDKOT	JAITON	S-NPP	30.46966	74.82167	12:40:12	D	5.60
258	FARIDKOT	JAITON	S-NPP	30.46984	74.81883	12:40:12	D	6.10
259	FARIDKOT	JAITON	S-NPP	30.47125	75.03230	14:20:29	D	5.90
260	FARIDKOT	JAITON	S-NPP	30.47554	74.84055	12:40:12	D	4.30

261	FARIDKOT	JAITON	S-NPP	30.48005	74.83584	12:40:12	D	6.70
262	FARIDKOT	JAITON	S-NPP	30.48062	74.76442	12:40:12	D	8.20
263	FARIDKOT	JAITON	S-NPP	30.48107	74.76133	12:40:12	D	8.00
264	FARIDKOT	JAITON	S-NPP	30.48138	74.90475	14:20:29	D	3.50
265	FARIDKOT	JAITON	S-NPP	30.48658	74.93323	12:40:12	D	6.90
266	FARIDKOT	JAITON	S-NPP	30.48757	74.93623	12:40:12	D	4.90
267	FARIDKOT	JAITON	S-NPP	30.48921	75.01682	12:40:12	D	10.80
268	FARIDKOT	JAITON	S-NPP	30.48969	74.89449	12:40:12	D	6.00
269	FARIDKOT	JAITON	S-NPP	30.48994	74.89701	12:40:12	D	5.60
270	FARIDKOT	JAITON	S-NPP	30.49816	74.82668	12:40:12	D	5.30
271	FARIDKOT	JAITON	S-NPP	30.50266	74.82207	12:40:12	D	11.40
272	FARIDKOT	JAITON	S-NPP	30.50551	74.92995	12:40:12	D	5.90
273	FARIDKOT	JAITON	S-NPP	30.51053	74.92500	12:40:12	D	5.90
274	FARIDKOT	JAITON	S-NPP	30.51545	74.88289	14:20:29	D	5.60
275	FARIDKOT	JAITON	S-NPP	30.52842	74.90114	14:20:29	D	5.80
276	FARIDKOT	JAITON	S-NPP	30.53385	74.96340	12:40:12	D	12.60
277	FARIDKOT	JAITON	S-NPP	30.53453	74.96629	12:40:12	D	10.10
278	FARIDKOT	JAITON	AQUA	30.46400	75.03000	13:53:46	D	11.30
279	FARIDKOT	JAITON	AQUA	30.53100	74.92700	13:53:46	D	16.30
280	FARIDKOT	JAITON	AQUA	30.54200	74.93500	13:53:46	D	10.10
281	FARIDKOT	KOT KAPURA	S-NPP	30.49306	74.80785	14:20:29	D	5.50
282	FARIDKOT	KOT KAPURA	S-NPP	30.51659	74.77568	12:40:12	D	15.60
283	FARIDKOT	KOT KAPURA	S-NPP	30.52188	74.84488	12:40:12	D	8.80
284	FARIDKOT	KOT KAPURA	S-NPP	30.52473	74.70706	12:40:12	D	3.80
285	FARIDKOT	KOT KAPURA	S-NPP	30.54383	74.75423	12:40:12	D	8.20
286	FARIDKOT	KOT KAPURA	S-NPP	30.55429	74.86208	14:20:29	D	11.90
287	FARIDKOT	KOT KAPURA	S-NPP	30.55457	74.86687	14:20:29	D	11.90
288	FARIDKOT	KOT KAPURA	S-NPP	30.55485	74.87168	14:20:29	D	20.70
289	FARIDKOT	KOT KAPURA	S-NPP	30.55531	74.86060	14:20:29	D	5.80
290	FARIDKOT	KOT KAPURA	S-NPP	30.55563	74.86538	14:20:29	D	5.80
291	FARIDKOT	KOT KAPURA	S-NPP	30.55626	74.87496	14:20:29	D	24.50
292	FARIDKOT	KOT KAPURA	S-NPP	30.55713	74.71413	14:20:29	D	7.10
293	FARIDKOT	KOT KAPURA	S-NPP	30.55722	74.71291	14:20:29	D	5.80

294	FARIDKOT	KOT KAPURA	S-NPP	30.56073	74.87122	14:20:29	D	6.20
295	FARIDKOT	KOT KAPURA	S-NPP	30.56717	74.88037	14:20:29	D	5.50
296	FARIDKOT	KOT KAPURA	S-NPP	30.57362	74.70132	12:40:12	D	3.20
297	FARIDKOT	KOT KAPURA	S-NPP	30.57401	74.70335	14:20:29	D	4.90
298	FARIDKOT	KOT KAPURA	S-NPP	30.58080	74.79470	12:40:12	D	9.40
299	FARIDKOT	KOT KAPURA	S-NPP	30.58271	74.88155	12:40:12	D	9.10
300	FARIDKOT	KOT KAPURA	S-NPP	30.58406	74.88188	12:40:12	D	10.10
301	FARIDKOT	KOT KAPURA	S-NPP	30.58498	74.79255	12:40:12	D	9.90
302	FARIDKOT	KOT KAPURA	S-NPP	30.59127	74.88818	14:20:29	D	5.40
303	FARIDKOT	KOT KAPURA	S-NPP	30.59715	74.88774	14:20:29	D	8.10
304	FARIDKOT	KOT KAPURA	S-NPP	30.61040	74.93590	12:40:12	D	9.50
305	FARIDKOT	KOT KAPURA	S-NPP	30.61141	74.93643	12:40:12	D	11.80
306	FARIDKOT	KOT KAPURA	S-NPP	30.61182	74.94119	12:40:12	D	14.70
307	FARIDKOT	KOT KAPURA	S-NPP	30.61280	74.94173	12:40:12	D	11.80
308	FARIDKOT	KOT KAPURA	S-NPP	30.61324	74.94648	12:40:12	D	14.70
309	FARIDKOT	KOT KAPURA	S-NPP	30.61419	74.94703	12:40:12	D	20.30
310	FARIDKOT	KOT KAPURA	S-NPP	30.62718	74.90108	12:40:12	D	7.30
311	FARIDKOT	KOT KAPURA	S-NPP	30.62832	74.90141	12:40:12	D	7.90
312	FARIDKOT	KOT KAPURA	S-NPP	30.62859	74.90639	12:40:12	D	7.30
313	FARIDKOT	KOT KAPURA	S-NPP	30.62971	74.90675	12:40:12	D	10.60
314	FARIDKOT	KOT KAPURA	S-NPP	30.63112	74.81778	12:40:12	D	6.90
315	FARIDKOT	KOT KAPURA	S-NPP	30.65658	74.89294	14:20:29	D	7.40
316	FARIDKOT	KOT KAPURA	S-NPP	30.66896	74.88644	12:40:12	D	3.90
317	FARIDKOT	KOT KAPURA	S-NPP	30.66930	74.86303	12:40:12	D	5.30
318	FARIDKOT	KOT KAPURA	AQUA	30.52100	74.85500	13:53:46	D	9.60
319	FARIDKOT	KOT KAPURA	AQUA	30.54200	74.75500	13:53:46	D	21.60
320	FARIDKOT	KOT KAPURA	AQUA	30.54400	74.82900	13:53:46	D	16.00
321	FARIDKOT	KOT KAPURA	AQUA	30.56700	74.85000	13:53:46	D	16.00
322	FARIDKOT	KOT KAPURA	AQUA	30.57300	74.89100	13:53:46	D	26.00
323	FARIDKOT	KOT KAPURA	AQUA	30.57500	74.90100	13:53:46	D	10.70
324	FARIDKOT	KOT KAPURA	AQUA	30.57900	74.93200	13:53:46	D	27.10
325	FARIDKOT	KOT KAPURA	AQUA	30.58100	74.94200	13:53:46	D	9.60
326	FARIDKOT	KOT KAPURA	AQUA	30.58200	74.88900	13:53:46	D	49.20

327	FARIDKOT	KOT KAPURA	AQUA	30.59500	74.79100	13:53:46	D	11.70
328	FARIDKOT	KOT KAPURA	AQUA	30.60300	74.84200	13:53:46	D	64.60
329	FARIDKOT	KOT KAPURA	AQUA	30.62800	74.89000	13:53:46	D	12.50
330	FATEHGARH SAHIB	AMLOH	S-NPP	30.54648	76.16551	12:40:12	D	6.10
331	FATEHGARH SAHIB	AMLOH	S-NPP	30.55975	76.12163	12:40:12	D	2.80
332	FATEHGARH SAHIB	AMLOH	S-NPP	30.60516	76.22005	01:30:12	N	0.70
333	FATEHGARH SAHIB	AMLOH	S-NPP	30.69143	76.34805	14:20:29	D	3.10
334	FATEHGARH SAHIB	AMLOH	AQUA	30.55400	76.11900	13:53:46	D	12.40
335	FATEHGARH SAHIB	BASSI PATHANAN	S-NPP	30.66756	76.37278	12:40:12	D	5.10
336	FATEHGARH SAHIB	KHAMANON	S-NPP	30.71931	76.34679	01:30:12	N	0.70
337	FATEHGARH SAHIB	KHAMANON	S-NPP	30.84325	76.40679	14:20:29	D	9.90
338	FATEHGARH SAHIB	KHAMANON	S-NPP	30.84458	76.40442	14:20:29	D	6.40
339	FATEHGARH SAHIB	KHAMANON	S-NPP	30.85979	76.34258	12:40:12	D	4.50
340	FATEHGARH SAHIB	KHAMANON	S-NPP	30.86271	76.34232	12:40:12	D	7.80
341	FATEHGARH SAHIB	KHERA	S-NPP	30.59068	76.54887	14:20:29	D	4.90
342	FATEHGARH SAHIB	SIRHIND	S-NPP	30.45258	76.40948	14:20:29	D	4.90
343	FATEHGARH SAHIB	SIRHIND	S-NPP	30.45413	76.40731	14:20:29	D	3.90
344	FATEHGARH SAHIB	SIRHIND	S-NPP	30.54304	76.42025	12:40:12	D	12.30
345	FATEHGARH SAHIB	SIRHIND	S-NPP	30.58377	76.41054	14:20:29	D	5.50
346	FATEHGARH SAHIB	SIRHIND	S-NPP	30.59068	76.31631	12:40:12	D	4.30
347	FATEHGARH SAHIB	SIRHIND	AQUA	30.58400	76.40300	13:53:46	D	6.80
348	FATEHGARH SAHIB	SIRHIND	AQUA	30.59700	76.43300	13:53:46	D	25.80
349	FATEHGARH SAHIB	SIRHIND	AQUA	30.59800	76.44400	13:53:46	D	9.50
350	FAZILKA	ABOHAR	S-NPP	30.16093	74.27354	14:20:29	D	5.90
351	FAZILKA	ABOHAR	S-NPP	30.16123	74.27790	14:20:29	D	5.90
352	FAZILKA	ABOHAR	S-NPP	30.23029	74.34934	12:40:12	D	3.00
353	FAZILKA	ABOHAR	S-NPP	30.23277	74.33867	12:40:12	D	3.20
354	FAZILKA	ABOHAR	AQUA	30.06900	74.31100	13:53:46	D	8.10
355	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.27957	74.28084	12:40:12	D	7.90
356	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.28261	74.26689	12:40:12	D	8.90
357	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.28419	74.27278	12:40:12	D	8.90
358	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.31838	74.27352	12:40:12	D	4.70
359	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.31964	74.27026	12:40:12	D	4.60



360	FAZILKA	ARNIWALA SHEIKH SUBANPUR	S-NPP	30.36988	74.12930	12:40:12	D	2.00
361	FAZILKA	FAZILKA	S-NPP	30.41192	74.10767	12:40:12	D	6.50
362	FAZILKA	FAZILKA	S-NPP	30.41227	74.10762	12:40:12	D	4.90
363	FAZILKA	FAZILKA	S-NPP	30.44202	73.96270	12:40:12	D	5.90
364	FAZILKA	FAZILKA	S-NPP	30.44590	74.02998	12:40:12	D	6.60
365	FAZILKA	FAZILKA	S-NPP	30.44873	73.98684	12:40:12	D	7.00
366	FAZILKA	FAZILKA	S-NPP	30.47464	74.08537	12:40:12	D	6.90
367	FAZILKA	FAZILKA	S-NPP	30.47699	74.08862	12:40:12	D	4.50
368	FAZILKA	FAZILKA	S-NPP	30.52000	74.04259	14:20:29	D	13.10
369	FAZILKA	FAZILKA	AQUA	30.50000	73.98400	13:53:46	D	13.10
370	FAZILKA	JALALABAD	S-NPP	30.47766	74.29711	12:40:12	D	10.70
371	FAZILKA	JALALABAD	S-NPP	30.50391	74.29414	12:40:12	D	7.50
372	FAZILKA	JALALABAD	S-NPP	30.51858	74.37199	14:20:29	D	7.90
373	FAZILKA	JALALABAD	S-NPP	30.51956	74.37701	12:40:12	D	10.30
374	FAZILKA	JALALABAD	S-NPP	30.52224	74.37092	14:20:29	D	7.90
375	FAZILKA	JALALABAD	S-NPP	30.56207	74.16457	14:20:29	D	6.80
376	FAZILKA	JALALABAD	S-NPP	30.56236	74.16892	14:20:29	D	6.80
377	FAZILKA	JALALABAD	S-NPP	30.57594	74.15072	12:40:12	D	13.90
378	FAZILKA	JALALABAD	S-NPP	30.57716	74.10503	12:40:12	D	6.80
379	FAZILKA	JALALABAD	S-NPP	30.57876	74.11092	12:40:12	D	7.80
380	FAZILKA	JALALABAD	S-NPP	30.58516	74.13451	12:40:12	D	6.60
381	FAZILKA	JALALABAD	S-NPP	30.62139	74.24345	12:40:12	D	5.70
382	FAZILKA	JALALABAD	S-NPP	30.62285	74.22380	12:40:12	D	7.90
383	FAZILKA	JALALABAD	S-NPP	30.62430	74.24290	14:20:29	D	6.80
384	FAZILKA	JALALABAD	S-NPP	30.62645	74.24225	14:20:29	D	16.00
385	FAZILKA	JALALABAD	S-NPP	30.62842	74.22050	14:20:29	D	8.90
386	FAZILKA	JALALABAD	S-NPP	30.62997	74.24245	14:20:29	D	6.80
387	FAZILKA	JALALABAD	S-NPP	30.63070	74.21980	14:20:29	D	11.00
388	FAZILKA	JALALABAD	S-NPP	30.65437	74.18419	12:40:12	D	3.90
389	FAZILKA	JALALABAD	AQUA	30.43600	74.23200	13:53:46	D	7.30
390	FAZILKA	JALALABAD	AQUA	30.51500	74.26300	13:53:46	D	16.10
391	FAZILKA	JALALABAD	AQUA	30.51700	74.27400	13:53:46	D	10.90
392	FAZILKA	JALALABAD	AQUA	30.61000	74.16200	13:53:46	D	13.00

393	FAZILKA	KHUIAN SARWAR	S-NPP	30.05361	74.05789	12:40:12	D	6.40
394	FAZILKA	KHUIAN SARWAR	S-NPP	30.26730	73.97680	14:20:29	D	6.50
395	FAZILKA	KHUIAN SARWAR	S-NPP	30.34745	74.01703	14:20:29	D	10.90
396	FIROZPUR	FIROZPUR	S-NPP	30.85980	74.62404	14:20:29	D	4.80
397	FIROZPUR	FIROZPUR	S-NPP	30.86447	74.60486	14:20:29	D	4.60
398	FIROZPUR	FIROZPUR	S-NPP	30.93786	74.56329	14:20:29	D	5.50
399	FIROZPUR	FIROZPUR	S-NPP	30.94365	74.56282	14:20:29	D	5.50
400	FIROZPUR	FIROZPUR	S-NPP	30.95953	74.65728	12:40:12	D	5.60
401	FIROZPUR	FIROZPUR	S-NPP	30.96635	74.65043	14:20:29	D	4.40
402	FIROZPUR	FIROZPUR	S-NPP	30.96649	74.64875	14:20:29	D	3.40
403	FIROZPUR	FIROZPUR	S-NPP	31.00226	74.62666	12:40:12	D	6.80
404	FIROZPUR	FIROZPUR	S-NPP	31.06422	74.73911	14:20:29	D	13.20
405	FIROZPUR	FIROZPUR	S-NPP	31.06563	74.73827	14:20:29	D	10.40
406	FIROZPUR	FIROZPUR	S-NPP	31.06594	74.74306	14:20:29	D	13.70
407	FIROZPUR	FIROZPUR	S-NPP	31.12367	74.78843	12:40:12	D	3.00
408	FIROZPUR	FIROZPUR	S-NPP	31.12408	74.78812	12:40:12	D	3.70
409	FIROZPUR	FIROZPUR	AQUA	30.88400	74.63000	13:53:46	D	10.40
410	FIROZPUR	FIROZPUR	AQUA	31.00400	74.62500	13:53:46	D	14.30
411	FIROZPUR	GHALL KHURD	S-NPP	30.81250	74.88770	14:20:29	D	6.50
412	FIROZPUR	GHALL KHURD	S-NPP	30.84114	74.77924	14:20:29	D	5.20
413	FIROZPUR	GHALL KHURD	S-NPP	30.85554	74.85532	12:40:12	D	10.80
414	FIROZPUR	GHALL KHURD	S-NPP	30.87202	74.94167	12:40:12	D	6.10
415	FIROZPUR	GHALL KHURD	S-NPP	30.87449	74.83937	14:20:29	D	25.10
416	FIROZPUR	GHALL KHURD	S-NPP	30.87838	74.83747	14:20:29	D	19.20
417	FIROZPUR	GHALL KHURD	S-NPP	30.88530	74.84484	12:40:12	D	6.60
418	FIROZPUR	GHALL KHURD	S-NPP	30.90398	74.77273	14:20:29	D	7.50
419	FIROZPUR	GHALL KHURD	S-NPP	30.94003	74.78446	14:20:29	D	3.30
420	FIROZPUR	GHALL KHURD	S-NPP	30.94427	74.82090	12:40:12	D	14.20
421	FIROZPUR	GHALL KHURD	S-NPP	30.97565	74.80785	14:20:29	D	4.40
422	FIROZPUR	GHALL KHURD	S-NPP	30.97593	74.81266	14:20:29	D	4.40
423	FIROZPUR	GHALL KHURD	S-NPP	30.97677	74.80589	14:20:29	D	8.10
424	FIROZPUR	GHALL KHURD	S-NPP	30.97708	74.81068	14:20:29	D	8.10
425	FIROZPUR	GHALL KHURD	S-NPP	30.97716	74.79770	12:40:12	D	7.80

426	FIROZPUR	GHALL KHURD	S-NPP	30.97755	74.74017	14:20:29	D	4.10
427	FIROZPUR	GHALL KHURD	S-NPP	30.97857	74.80299	12:40:12	D	7.80
428	FIROZPUR	GHALL KHURD	S-NPP	30.98152	74.80740	14:20:29	D	4.40
429	FIROZPUR	GHALL KHURD	S-NPP	31.02175	74.78982	14:20:29	D	5.60
430	FIROZPUR	GHALL KHURD	AQUA	30.80400	74.89600	13:53:46	D	9.30
431	FIROZPUR	GHALL KHURD	AQUA	30.83200	74.90000	13:53:46	D	21.10
432	FIROZPUR	GHALL KHURD	AQUA	30.83400	74.91100	13:53:46	D	30.40
433	FIROZPUR	GHALL KHURD	AQUA	30.93300	74.64500	13:53:46	D	8.80
434	FIROZPUR	GURUHAR SAHAI	S-NPP	30.55096	74.35677	12:40:12	D	5.70
435	FIROZPUR	GURUHAR SAHAI	S-NPP	30.59573	74.32533	14:20:29	D	3.30
436	FIROZPUR	GURUHAR SAHAI	S-NPP	30.60175	74.37019	12:40:12	D	7.80
437	FIROZPUR	GURUHAR SAHAI	S-NPP	30.61092	74.35443	12:40:12	D	5.40
438	FIROZPUR	GURUHAR SAHAI	S-NPP	30.63209	74.33089	14:20:29	D	8.80
439	FIROZPUR	GURUHAR SAHAI	S-NPP	30.63379	74.26443	12:40:12	D	7.40
440	FIROZPUR	GURUHAR SAHAI	S-NPP	30.64314	74.34927	12:40:12	D	5.70
441	FIROZPUR	GURUHAR SAHAI	S-NPP	30.64774	74.41619	12:40:12	D	18.00
442	FIROZPUR	GURUHAR SAHAI	S-NPP	30.64834	74.40622	14:20:29	D	9.00
443	FIROZPUR	GURUHAR SAHAI	S-NPP	30.65602	74.34686	14:20:29	D	6.40
444	FIROZPUR	GURUHAR SAHAI	S-NPP	30.65664	74.44642	14:20:29	D	12.90
445	FIROZPUR	GURUHAR SAHAI	S-NPP	30.65693	74.45095	14:20:29	D	16.90
446	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67223	74.38265	12:40:12	D	21.00
447	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67375	74.38834	12:40:12	D	21.00
448	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67552	74.38463	12:40:12	D	32.40
449	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67707	74.39030	12:40:12	D	32.40
450	FIROZPUR	GURUHAR SAHAI	S-NPP	30.67986	74.38615	12:40:12	D	17.00
451	FIROZPUR	GURUHAR SAHAI	S-NPP	30.68394	74.33559	14:20:29	D	7.40
452	FIROZPUR	GURUHAR SAHAI	S-NPP	30.69146	74.27686	14:20:29	D	7.90
453	FIROZPUR	GURUHAR SAHAI	S-NPP	30.71562	74.35190	14:20:29	D	7.30
454	FIROZPUR	GURUHAR SAHAI	S-NPP	30.71692	74.31497	14:20:29	D	6.70
455	FIROZPUR	GURUHAR SAHAI	S-NPP	30.71911	74.31559	14:20:29	D	9.90
456	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72439	74.31741	12:40:12	D	7.60
457	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72452	74.41692	12:40:12	D	7.60
458	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72508	74.31959	14:20:29	D	6.60

459	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72605	74.42255	12:40:12	D	7.60
460	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72862	74.31851	14:20:29	D	10.10
461	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72893	74.32298	14:20:29	D	10.10
462	FIROZPUR	GURUHAR SAHAI	S-NPP	30.72924	74.32743	14:20:29	D	7.90
463	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73078	74.31911	14:20:29	D	6.60
464	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73106	74.32359	14:20:29	D	6.60
465	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73215	74.39566	12:40:12	D	9.40
466	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73432	74.31806	14:20:29	D	4.30
467	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73825	74.39350	12:40:12	D	13.50
468	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73958	74.39430	14:20:29	D	7.40
469	FIROZPUR	GURUHAR SAHAI	S-NPP	30.73989	74.39882	14:20:29	D	7.40
470	FIROZPUR	GURUHAR SAHAI	S-NPP	30.74126	74.39500	14:20:29	D	9.00
471	FIROZPUR	GURUHAR SAHAI	S-NPP	30.74432	74.31657	12:40:12	D	8.50
472	FIROZPUR	GURUHAR SAHAI	S-NPP	30.74585	74.37649	14:20:29	D	3.60
473	FIROZPUR	GURUHAR SAHAI	S-NPP	30.75798	74.46661	12:40:12	D	8.50
474	FIROZPUR	GURUHAR SAHAI	S-NPP	30.75959	74.42303	12:40:12	D	9.20
475	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76407	74.46445	12:40:12	D	8.50
476	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76560	74.41574	14:20:29	D	5.00
477	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76577	74.29636	12:40:12	D	7.20
478	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76588	74.42029	14:20:29	D	5.00
479	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76809	74.29257	12:40:12	D	9.80
480	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76892	74.28905	14:20:29	D	7.80
481	FIROZPUR	GURUHAR SAHAI	S-NPP	30.76965	74.29829	12:40:12	D	9.80
482	FIROZPUR	GURUHAR SAHAI	S-NPP	30.77190	74.29417	12:40:12	D	7.20
483	FIROZPUR	GURUHAR SAHAI	S-NPP	30.77423	74.46077	14:20:29	D	9.10
484	FIROZPUR	GURUHAR SAHAI	S-NPP	30.78337	74.42343	14:20:29	D	8.00
485	FIROZPUR	GURUHAR SAHAI	AQUA	30.61400	74.36600	13:53:46	D	15.60
486	FIROZPUR	GURUHAR SAHAI	AQUA	30.64700	74.40200	13:53:46	D	24.20
487	FIROZPUR	GURUHAR SAHAI	AQUA	30.65600	74.28200	13:53:46	D	8.90
488	FIROZPUR	GURUHAR SAHAI	AQUA	30.68400	74.33400	13:53:46	D	15.40
489	FIROZPUR	GURUHAR SAHAI	AQUA	30.70500	74.35200	13:53:46	D	24.20
490	FIROZPUR	GURUHAR SAHAI	AQUA	30.71800	74.31700	13:53:46	D	32.20
491	FIROZPUR	GURUHAR SAHAI	AQUA	30.72800	74.32500	13:53:46	D	11.60

492	FIROZPUR	GURUHAR SAHAI	AQUA	30.75300	74.42700	13:53:46	D	26.90
493	FIROZPUR	GURUHAR SAHAI	AQUA	30.76900	74.29000	13:53:46	D	32.70
494	FIROZPUR	GURUHAR SAHAI	AQUA	30.77000	74.30000	13:53:46	D	11.80
495	FIROZPUR	MAKHU	S-NPP	31.05352	74.82622	14:20:29	D	1.90
496	FIROZPUR	MAKHU	S-NPP	31.07879	75.08590	12:40:12	D	2.30
497	FIROZPUR	MAKHU	S-NPP	31.08037	75.08692	12:40:12	D	4.60
498	FIROZPUR	MAKHU	S-NPP	31.09054	74.88789	14:20:29	D	13.80
499	FIROZPUR	MAKHU	S-NPP	31.09289	74.88686	14:20:29	D	7.00
500	FIROZPUR	MAKHU	S-NPP	31.09321	74.89175	14:20:29	D	7.00
501	FIROZPUR	MAKHU	S-NPP	31.11201	75.09085	12:40:12	D	8.90
502	FIROZPUR	MAKHU	S-NPP	31.11369	75.09195	12:40:12	D	9.30
503	FIROZPUR	MAKHU	S-NPP	31.12458	75.06457	14:20:29	D	8.40
504	FIROZPUR	MAKHU	AQUA	31.05200	75.07700	13:53:46	D	10.80
505	FIROZPUR	MAKHU	AQUA	31.05300	75.08800	13:53:46	D	22.00
506	FIROZPUR	MAKHU	AQUA	31.10300	75.11500	13:53:46	D	8.00
507	FIROZPUR	MAMDOT	S-NPP	30.77452	74.46532	14:20:29	D	9.10
508	FIROZPUR	MAMDOT	S-NPP	30.78893	74.33231	14:20:29	D	14.10
509	FIROZPUR	MAMDOT	S-NPP	30.79464	74.33184	14:20:29	D	5.80
510	FIROZPUR	MAMDOT	S-NPP	30.79779	74.36605	12:40:12	D	11.20
511	FIROZPUR	MAMDOT	S-NPP	30.79930	74.37173	12:40:12	D	11.20
512	FIROZPUR	MAMDOT	S-NPP	30.80044	74.47599	12:40:12	D	15.50
513	FIROZPUR	MAMDOT	S-NPP	30.80055	74.36214	12:40:12	D	9.30
514	FIROZPUR	MAMDOT	S-NPP	30.80181	74.50600	12:40:12	D	9.20
515	FIROZPUR	MAMDOT	S-NPP	30.80209	74.36781	12:40:12	D	17.70
516	FIROZPUR	MAMDOT	S-NPP	30.80375	74.47170	12:40:12	D	10.00
517	FIROZPUR	MAMDOT	S-NPP	30.81596	74.48039	14:20:29	D	9.50
518	FIROZPUR	MAMDOT	S-NPP	30.83315	74.39211	14:20:29	D	13.50
519	FIROZPUR	MAMDOT	S-NPP	30.83345	74.39663	14:20:29	D	13.50
520	FIROZPUR	MAMDOT	S-NPP	30.83376	74.40115	14:20:29	D	16.30
521	FIROZPUR	MAMDOT	S-NPP	30.83398	74.39006	14:20:29	D	14.40
522	FIROZPUR	MAMDOT	S-NPP	30.83426	74.39460	14:20:29	D	21.60
523	FIROZPUR	MAMDOT	S-NPP	30.83454	74.39913	14:20:29	D	21.60
524	FIROZPUR	MAMDOT	S-NPP	30.83887	74.39165	14:20:29	D	13.50

525	FIROZPUR	MAMDOT	S-NPP	30.83918	74.39618	14:20:29	D	13.50
526	FIROZPUR	MAMDOT	S-NPP	30.83949	74.40069	14:20:29	D	16.30
527	FIROZPUR	MAMDOT	S-NPP	30.83999	74.39413	14:20:29	D	21.60
528	FIROZPUR	MAMDOT	S-NPP	30.84027	74.39866	14:20:29	D	21.60
529	FIROZPUR	MAMDOT	S-NPP	30.84055	74.40318	14:20:29	D	16.20
530	FIROZPUR	MAMDOT	S-NPP	30.84491	74.39572	14:20:29	D	2.10
531	FIROZPUR	MAMDOT	S-NPP	30.84956	74.46397	14:20:29	D	10.80
532	FIROZPUR	MAMDOT	S-NPP	30.84994	74.46197	14:20:29	D	12.00
533	FIROZPUR	MAMDOT	S-NPP	30.85022	74.46655	14:20:29	D	18.60
534	FIROZPUR	MAMDOT	S-NPP	30.86343	74.49313	14:20:29	D	5.30
535	FIROZPUR	MAMDOT	S-NPP	30.87980	74.38634	14:20:29	D	3.60
536	FIROZPUR	MAMDOT	S-NPP	30.89565	74.45369	14:20:29	D	11.10
537	FIROZPUR	ZIRA	S-NPP	30.92586	74.87355	12:40:12	D	6.60
538	FIROZPUR	ZIRA	S-NPP	30.93139	75.03016	14:20:29	D	11.20
539	FIROZPUR	ZIRA	S-NPP	30.94418	75.04421	14:20:29	D	4.90
540	FIROZPUR	ZIRA	S-NPP	30.97711	74.90323	14:20:29	D	5.90
541	FIROZPUR	ZIRA	S-NPP	30.97714	74.99258	12:40:12	D	3.20
542	FIROZPUR	ZIRA	S-NPP	30.98021	74.85901	14:20:29	D	6.50
543	FIROZPUR	ZIRA	S-NPP	30.98210	75.02372	14:20:29	D	8.10
544	FIROZPUR	ZIRA	S-NPP	30.98803	74.98137	14:20:29	D	7.50
545	FIROZPUR	ZIRA	S-NPP	30.99144	74.97821	14:20:29	D	9.50
546	FIROZPUR	ZIRA	S-NPP	30.99556	74.84516	14:20:29	D	13.60
547	FIROZPUR	ZIRA	S-NPP	31.00130	75.10748	12:40:12	D	16.80
548	FIROZPUR	ZIRA	S-NPP	31.00273	74.96743	14:20:29	D	9.40
549	FIROZPUR	ZIRA	S-NPP	31.00566	74.95422	12:40:12	D	8.40
550	FIROZPUR	ZIRA	S-NPP	31.00837	74.96206	14:20:29	D	11.90
551	FIROZPUR	ZIRA	S-NPP	31.00866	74.96699	14:20:29	D	11.90
552	FIROZPUR	ZIRA	S-NPP	31.01482	75.01324	12:40:12	D	6.10
553	FIROZPUR	ZIRA	S-NPP	31.02139	74.98096	14:20:29	D	9.70
554	FIROZPUR	ZIRA	AQUA	30.99800	74.96100	13:53:46	D	17.80
555	FIROZPUR	ZIRA	AQUA	31.00700	74.95900	13:53:46	D	19.30
556	FIROZPUR	ZIRA	AQUA	31.01500	75.01100	13:53:46	D	9.00
557	FIROZPUR	ZIRA	AQUA	31.04000	74.87300	13:53:46	D	9.80

558	GURDASPUR	BATALA	S-NPP	31.73190	75.27583	14:20:29	D	7.40
559	GURDASPUR	BATALA	S-NPP	31.73325	75.19913	12:40:12	D	2.00
560	GURDASPUR	BATALA	S-NPP	31.74729	75.15686	12:40:12	D	5.40
561	GURDASPUR	BATALA	S-NPP	31.74856	75.16174	12:40:12	D	5.40
562	GURDASPUR	BATALA	S-NPP	31.75750	75.14788	12:40:12	D	8.90
563	GURDASPUR	BATALA	S-NPP	31.75864	75.24847	12:40:12	D	11.30
564	GURDASPUR	BATALA	S-NPP	31.75975	75.14321	12:40:12	D	13.00
565	GURDASPUR	BATALA	S-NPP	31.76070	75.13605	12:40:12	D	6.90
566	GURDASPUR	BATALA	S-NPP	31.76289	75.13142	12:40:12	D	7.30
567	GURDASPUR	BATALA	S-NPP	31.76420	75.13632	12:40:12	D	7.30
568	GURDASPUR	BATALA	S-NPP	31.80084	75.25075	12:40:12	D	2.80
569	GURDASPUR	BATALA	S-NPP	31.87132	75.21015	12:40:12	D	3.50
570	GURDASPUR	BATALA	S-NPP	31.87508	75.22463	12:40:12	D	2.10
571	GURDASPUR	BATALA	S-NPP	31.88218	75.17985	12:40:12	D	4.00
572	GURDASPUR	BATALA	S-NPP	31.89404	75.20274	14:20:29	D	3.00
573	GURDASPUR	BATALA	S-NPP	31.89433	75.20798	14:20:29	D	3.00
574	GURDASPUR	BATALA	S-NPP	31.89466	75.20855	12:40:12	D	4.90
575	GURDASPUR	BATALA	S-NPP	31.89540	75.20684	12:40:12	D	7.30
576	GURDASPUR	BATALA	AQUA	31.75200	75.19800	13:53:46	D	16.90
577	GURDASPUR	DERA BABA NANAK	S-NPP	31.95811	75.02078	12:40:12	D	5.40
578	GURDASPUR	DERA BABA NANAK	S-NPP	31.95940	75.02573	12:40:12	D	5.40
579	GURDASPUR	DERA BABA NANAK	S-NPP	31.96144	75.02108	12:40:12	D	6.00
580	GURDASPUR	DERA BABA NANAK	S-NPP	31.96276	75.02599	12:40:12	D	6.00
581	GURDASPUR	DERA BABA NANAK	S-NPP	31.96407	75.03091	12:40:12	D	8.90
582	GURDASPUR	DERA BABA NANAK	S-NPP	31.96515	75.02365	12:40:12	D	7.00
583	GURDASPUR	DERA BABA NANAK	S-NPP	31.99541	75.03044	12:40:12	D	10.50
584	GURDASPUR	DERA BABA NANAK	S-NPP	31.99834	74.97009	12:40:12	D	4.90
585	GURDASPUR	DERA BABA NANAK	S-NPP	32.00245	75.03330	12:40:12	D	4.60
586	GURDASPUR	DERA BABA NANAK	S-NPP	32.01079	75.04107	12:40:12	D	4.80
587	GURDASPUR	DERA BABA NANAK	S-NPP	32.01605	75.10852	12:40:12	D	5.80
588	GURDASPUR	DERA BABA NANAK	AQUA	31.91900	75.07800	13:53:46	D	24.00
589	GURDASPUR	DERA BABA NANAK	AQUA	31.92100	75.08800	13:53:46	D	13.40
590	GURDASPUR	DERA BABA NANAK	AQUA	32.01500	75.10600	13:53:46	D	31.90

591	GURDASPUR	DHARIWAL	S-NPP	31.87565	75.25073	12:40:12	D	5.40
592	GURDASPUR	DHARIWAL	S-NPP	31.87690	75.25553	12:40:12	D	5.40
593	GURDASPUR	DHARIWAL	S-NPP	31.89606	75.23950	14:20:29	D	2.70
594	GURDASPUR	DHARIWAL	S-NPP	31.89987	75.19998	12:40:12	D	6.90
595	GURDASPUR	DHARIWAL	S-NPP	31.91247	75.27572	12:40:12	D	2.00
596	GURDASPUR	DHARIWAL	S-NPP	31.91623	75.33547	12:40:12	D	5.40
597	GURDASPUR	DHARIWAL	S-NPP	31.92152	75.25897	14:20:29	D	12.00
598	GURDASPUR	DHARIWAL	S-NPP	31.92182	75.26425	14:20:29	D	30.60
599	GURDASPUR	DHARIWAL	S-NPP	31.92209	75.26051	14:20:29	D	18.80
600	GURDASPUR	DHARIWAL	S-NPP	31.92236	75.26579	14:20:29	D	26.50
601	GURDASPUR	DHARIWAL	S-NPP	31.92687	75.35644	14:20:29	D	2.10
602	GURDASPUR	DHARIWAL	S-NPP	31.92688	75.35361	12:40:12	D	2.00
603	GURDASPUR	DHARIWAL	S-NPP	31.93205	75.27927	12:40:12	D	1.50
604	GURDASPUR	DHARIWAL	S-NPP	31.93357	75.28255	12:40:12	D	6.10
605	GURDASPUR	DHARIWAL	S-NPP	31.94125	75.28425	14:20:29	D	11.70
606	GURDASPUR	DHARIWAL	S-NPP	31.94150	75.29156	12:40:12	D	4.20
607	GURDASPUR	DHARIWAL	S-NPP	31.94167	75.28573	14:20:29	D	7.40
608	GURDASPUR	DHARIWAL	S-NPP	31.94171	75.29010	12:40:12	D	4.60
609	GURDASPUR	DHARIWAL	S-NPP	31.94276	75.29633	12:40:12	D	4.20
610	GURDASPUR	DHARIWAL	S-NPP	31.94293	75.29487	12:40:12	D	4.60
611	GURDASPUR	DHARIWAL	S-NPP	31.94415	75.29965	12:40:12	D	6.80
612	GURDASPUR	DHARIWAL	S-NPP	31.94719	75.28958	12:40:12	D	7.80
613	GURDASPUR	DHARIWAL	S-NPP	31.94843	75.29434	12:40:12	D	7.80
614	GURDASPUR	DHARIWAL	S-NPP	31.96740	75.31073	14:20:29	D	7.00
615	GURDASPUR	DHARIWAL	S-NPP	31.97433	75.32631	14:20:29	D	5.70
616	GURDASPUR	DHARIWAL	AQUA	31.89800	75.19500	13:53:46	D	35.20
617	GURDASPUR	DHARIWAL	AQUA	31.94000	75.28800	13:53:46	D	18.90
618	GURDASPUR	DHARIWAL	AQUA	31.94100	75.29800	13:53:46	D	13.50
619	GURDASPUR	DINA NAGAR	S-NPP	32.12024	75.57920	12:40:12	D	5.40
620	GURDASPUR	DINA NAGAR	S-NPP	32.12115	75.57966	12:40:12	D	6.50
621	GURDASPUR	DINA NAGAR	S-NPP	32.15091	75.45923	12:40:12	D	5.30
622	GURDASPUR	DINA NAGAR	AQUA	32.11800	75.58100	13:53:46	D	20.60
623	GURDASPUR	DORANGALA	S-NPP	32.07123	75.29604	14:20:29	D	5.60



624	GURDASPUR	DORANGALA	S-NPP	32.07732	75.29566	14:20:29	D	5.60
625	GURDASPUR	DORANGALA	S-NPP	32.07955	75.33849	14:20:29	D	8.90
626	GURDASPUR	DORANGALA	S-NPP	32.08342	75.29525	14:20:29	D	4.00
627	GURDASPUR	DORANGALA	S-NPP	32.08538	75.33272	14:20:29	D	8.50
628	GURDASPUR	DORANGALA	S-NPP	32.08566	75.33809	14:20:29	D	8.50
629	GURDASPUR	DORANGALA	S-NPP	32.11514	75.34473	12:40:12	D	2.50
630	GURDASPUR	DORANGALA	AQUA	32.08300	75.32900	13:53:46	D	19.20
631	GURDASPUR	DORANGALA	AQUA	32.08400	75.33900	13:53:46	D	35.10
632	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.78646	75.10168	12:40:12	D	12.90
633	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.79999	75.12907	12:40:12	D	5.30
634	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.80702	75.13194	12:40:12	D	4.60
635	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.81594	75.11809	12:40:12	D	3.50
636	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.84082	75.09318	12:40:12	D	1.70
637	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.84833	75.14305	14:20:29	D	5.60
638	GURDASPUR	FATEHGARH CHURIAN	S-NPP	31.88906	74.92598	12:40:12	D	10.40
639	GURDASPUR	FATEHGARH CHURIAN	AQUA	31.80900	75.08500	13:53:46	D	31.60
640	GURDASPUR	FATEHGARH CHURIAN	AQUA	31.81100	75.09500	13:53:46	D	39.60
641	GURDASPUR	FATEHGARH CHURIAN	AQUA	31.82700	75.08100	13:53:46	D	23.00
642	GURDASPUR	FATEHGARH CHURIAN	AQUA	31.84500	75.14200	13:53:46	D	13.10
643	GURDASPUR	FATEHGARH CHURIAN	AQUA	31.84900	74.98100	13:53:46	D	16.30
644	GURDASPUR	GURDASPUR	S-NPP	31.97176	75.43028	12:40:12	D	6.00
645	GURDASPUR	GURDASPUR	S-NPP	32.00024	75.37421	12:40:12	D	6.10
646	GURDASPUR	GURDASPUR	S-NPP	32.02811	75.31889	12:40:12	D	2.10
647	GURDASPUR	GURDASPUR	S-NPP	32.02879	75.31760	12:40:12	D	1.60
648	GURDASPUR	GURDASPUR	S-NPP	32.08569	75.34998	12:40:12	D	5.30
649	GURDASPUR	GURDASPUR	AQUA	31.96900	75.43200	13:53:46	D	14.50
650	GURDASPUR	KAHNUWAN	S-NPP	31.83512	75.49583	12:40:12	D	3.90
651	GURDASPUR	KAHNUWAN	S-NPP	31.84070	75.46877	14:20:29	D	3.60
652	GURDASPUR	KAHNUWAN	S-NPP	31.84691	75.35466	12:40:12	D	6.60
653	GURDASPUR	KAHNUWAN	S-NPP	31.84780	75.35303	12:40:12	D	7.20
654	GURDASPUR	KAHNUWAN	S-NPP	31.84879	75.50120	12:40:12	D	4.30
655	GURDASPUR	KAHNUWAN	S-NPP	31.85039	75.53979	14:20:29	D	3.00
656	GURDASPUR	KAHNUWAN	S-NPP	31.85489	75.40860	12:40:12	D	4.70

657	GURDASPUR	KAHNUWAN	S-NPP	31.85612	75.41331	12:40:12	D	2.90
658	GURDASPUR	KAHNUWAN	S-NPP	31.85667	75.41190	12:40:12	D	3.60
659	GURDASPUR	KAHNUWAN	S-NPP	31.86276	75.53175	12:40:12	D	2.00
660	GURDASPUR	KAHNUWAN	S-NPP	31.86447	75.37437	12:40:12	D	7.90
661	GURDASPUR	KAHNUWAN	S-NPP	31.86693	75.38380	12:40:12	D	8.10
662	GURDASPUR	KAHNUWAN	S-NPP	31.88427	75.47712	14:20:29	D	3.90
663	GURDASPUR	KAHNUWAN	S-NPP	31.88570	75.47923	12:40:12	D	5.00
664	GURDASPUR	KAHNUWAN	S-NPP	31.88934	75.49319	12:40:12	D	5.70
665	GURDASPUR	KAHNUWAN	S-NPP	31.89127	75.49309	14:20:29	D	11.30
666	GURDASPUR	KAHNUWAN	S-NPP	31.90038	75.43210	14:20:29	D	4.70
667	GURDASPUR	KAHNUWAN	S-NPP	31.92433	75.48602	12:40:12	D	4.10
668	GURDASPUR	KAHNUWAN	S-NPP	31.92683	75.48174	14:20:29	D	9.70
669	GURDASPUR	KAHNUWAN	S-NPP	31.92759	75.47979	14:20:29	D	5.60
670	GURDASPUR	KAHNUWAN	S-NPP	31.92788	75.48525	14:20:29	D	5.60
671	GURDASPUR	KAHNUWAN	S-NPP	31.93298	75.48132	14:20:29	D	9.70
672	GURDASPUR	KAHNUWAN	S-NPP	31.93324	75.48679	14:20:29	D	9.70
673	GURDASPUR	KAHNUWAN	S-NPP	31.93374	75.47940	14:20:29	D	9.70
674	GURDASPUR	KAHNUWAN	S-NPP	31.93404	75.48486	14:20:29	D	9.70
675	GURDASPUR	KAHNUWAN	S-NPP	31.95116	75.47464	14:20:29	D	12.20
676	GURDASPUR	KAHNUWAN	S-NPP	31.95188	75.47279	14:20:29	D	7.10
677	GURDASPUR	KAHNUWAN	AQUA	31.83500	75.46000	13:53:46	D	12.30
678	GURDASPUR	KAHNUWAN	AQUA	31.88200	75.46700	13:53:46	D	9.60
679	GURDASPUR	KAHNUWAN	AQUA	31.88400	75.48800	13:53:46	D	6.70
680	GURDASPUR	KAHNUWAN	AQUA	31.90400	75.43000	13:53:46	D	11.30
681	GURDASPUR	KAHNUWAN	AQUA	31.92000	75.48100	13:53:46	D	13.20
682	GURDASPUR	KAHNUWAN	AQUA	31.92900	75.47900	13:53:46	D	130.20
683	GURDASPUR	KAHNUWAN	AQUA	31.93000	75.49000	13:53:46	D	11.30
684	GURDASPUR	KALANAUR	S-NPP	31.91685	75.17435	12:40:12	D	6.30
685	GURDASPUR	KALANAUR	S-NPP	31.99308	75.13134	12:40:12	D	1.70
686	GURDASPUR	KALANAUR	S-NPP	32.04393	75.15213	14:20:29	D	6.10
687	GURDASPUR	KALANAUR	S-NPP	32.04423	75.15736	14:20:29	D	6.10
688	GURDASPUR	KALANAUR	S-NPP	32.04561	75.15453	14:20:29	D	13.50
689	GURDASPUR	KALANAUR	S-NPP	32.05522	75.10667	14:20:29	D	5.40

690	GURDASPUR	KALANAUR	S-NPP	32.07002	75.14754	12:40:12	D	2.70
691	GURDASPUR	KALANAUR	S-NPP	32.07128	75.15237	12:40:12	D	4.20
692	GURDASPUR	KALANAUR	AQUA	32.06700	75.15000	13:53:46	D	13.60
693	GURDASPUR	KALANAUR	AQUA	32.06800	75.16000	13:53:46	D	13.80
694	GURDASPUR	QADIAN	S-NPP	31.74519	75.31624	12:40:12	D	10.70
695	GURDASPUR	QADIAN	S-NPP	31.78063	75.30901	12:40:12	D	2.30
696	GURDASPUR	QADIAN	S-NPP	31.79648	75.29820	12:40:12	D	4.40
697	GURDASPUR	QADIAN	S-NPP	31.80133	75.50776	12:40:12	D	3.10
698	GURDASPUR	QADIAN	S-NPP	31.80976	75.39752	12:40:12	D	2.90
699	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.69957	75.28502	12:40:12	D	4.70
700	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70098	75.28539	12:40:12	D	5.70
701	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70198	75.33755	12:40:12	D	4.10
702	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70215	75.28837	14:20:29	D	10.70
703	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70322	75.34235	12:40:12	D	4.10
704	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70337	75.34650	12:40:12	D	6.90
705	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70423	75.32538	14:20:29	D	7.20
706	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70446	75.34715	12:40:12	D	6.60
707	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.70906	75.34450	12:40:12	D	6.90
708	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.71016	75.34515	12:40:12	D	6.60
709	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.71699	75.33517	14:20:29	D	14.20
710	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.71725	75.33635	14:20:29	D	17.60
711	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.72604	75.38928	14:20:29	D	6.70
712	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.73562	75.35088	12:40:12	D	6.50
713	GURDASPUR	SRI HARGOBINDPUR	S-NPP	31.73661	75.35146	12:40:12	D	3.30
714	GURDASPUR	SRI HARGOBINDPUR	AQUA	31.65800	75.31900	13:53:46	D	26.00
715	GURDASPUR	SRI HARGOBINDPUR	AQUA	31.69800	75.27900	13:53:46	D	10.00
716	GURDASPUR	SRI HARGOBINDPUR	AQUA	31.70000	75.29000	13:53:46	D	13.50
717	GURDASPUR	SRI HARGOBINDPUR	AQUA	31.73500	75.34700	13:53:46	D	15.30
718	HOSHIARPUR	DASUYA	S-NPP	31.75446	75.56566	12:40:12	D	10.40
719	HOSHIARPUR	DASUYA	S-NPP	31.75565	75.57030	12:40:12	D	10.40
720	HOSHIARPUR	DASUYA	S-NPP	31.76956	75.60072	12:40:12	D	14.70
721	HOSHIARPUR	DASUYA	S-NPP	31.76998	75.59931	12:40:12	D	13.90
722	HOSHIARPUR	DASUYA	S-NPP	31.77073	75.60532	12:40:12	D	14.70

723	HOSHIARPUR	DASUYA	S-NPP	31.77118	75.60390	12:40:12	D	29.10
724	HOSHIARPUR	DASUYA	S-NPP	31.78629	75.60411	14:20:29	D	3.70
725	HOSHIARPUR	DASUYA	S-NPP	31.88020	75.57603	12:40:12	D	4.30
726	HOSHIARPUR	GARH SHANKAR	S-NPP	31.14943	76.19288	12:40:12	D	3.10
727	HOSHIARPUR	GARH SHANKAR	S-NPP	31.22262	76.06329	14:20:29	D	9.70
728	HOSHIARPUR	GARH SHANKAR	S-NPP	31.22323	76.05712	12:40:12	D	24.00
729	HOSHIARPUR	GARH SHANKAR	S-NPP	31.22436	76.06158	12:40:12	D	24.00
730	HOSHIARPUR	GARH SHANKAR	S-NPP	31.22543	76.05733	12:40:12	D	24.60
731	HOSHIARPUR	GARH SHANKAR	S-NPP	31.22658	76.06179	12:40:12	D	24.60
732	HOSHIARPUR	GARH SHANKAR	S-NPP	31.22773	76.06625	12:40:12	D	10.60
733	HOSHIARPUR	GARH SHANKAR	S-NPP	31.22879	76.05524	12:40:12	D	24.00
734	HOSHIARPUR	GARH SHANKAR	S-NPP	31.22984	76.05100	12:40:12	D	17.90
735	HOSHIARPUR	GARH SHANKAR	S-NPP	31.22992	76.05971	12:40:12	D	24.00
736	HOSHIARPUR	GARH SHANKAR	S-NPP	31.23099	76.05546	12:40:12	D	24.60
737	HOSHIARPUR	GARH SHANKAR	S-NPP	31.23104	76.06418	12:40:12	D	21.60
738	HOSHIARPUR	GARH SHANKAR	S-NPP	31.23214	76.05991	12:40:12	D	24.60
739	HOSHIARPUR	GARH SHANKAR	S-NPP	31.23329	76.06438	12:40:12	D	10.60
740	HOSHIARPUR	GARH SHANKAR	S-NPP	31.23435	76.05334	12:40:12	D	6.80
741	HOSHIARPUR	GARH SHANKAR	S-NPP	31.23659	76.06229	12:40:12	D	7.00
742	HOSHIARPUR	GARH SHANKAR	S-NPP	31.27465	76.08453	12:40:12	D	4.10
743	HOSHIARPUR	GARH SHANKAR	AQUA	31.26700	76.08600	13:53:46	D	13.50
744	HOSHIARPUR	HAJIPUR	AQUA	31.95800	75.75400	13:53:46	D	12.60
745	HOSHIARPUR	HOSHIARPUR-1	S-NPP	31.50220	75.91336	14:20:29	D	11.90
746	HOSHIARPUR	HOSHIARPUR-1	AQUA	31.57800	75.93800	13:53:46	D	8.40
747	HOSHIARPUR	MAHILPUR	AQUA	31.35600	75.98700	13:53:46	D	7.40
748	HOSHIARPUR	MUKERIAN	S-NPP	31.90858	75.63731	12:40:12	D	6.80
749	HOSHIARPUR	MUKERIAN	S-NPP	31.91783	75.64622	14:20:29	D	6.40
750	HOSHIARPUR	MUKERIAN	S-NPP	31.92618	75.61121	12:40:12	D	4.90
751	HOSHIARPUR	MUKERIAN	S-NPP	31.93058	75.60468	12:40:12	D	3.80
752	HOSHIARPUR	MUKERIAN	S-NPP	31.94007	75.64133	12:40:12	D	7.50
753	HOSHIARPUR	MUKERIAN	S-NPP	31.94126	75.64590	12:40:12	D	22.60
754	HOSHIARPUR	MUKERIAN	S-NPP	31.94261	75.58044	12:40:12	D	4.60
755	HOSHIARPUR	MUKERIAN	S-NPP	31.95974	75.59956	12:40:12	D	8.30

756	HOSHIARPUR	MUKERIAN	S-NPP	32.04162	75.65134	12:40:12	D	5.20
757	HOSHIARPUR	MUKERIAN	S-NPP	32.04280	75.65588	12:40:12	D	5.20
758	HOSHIARPUR	MUKERIAN	AQUA	31.91500	75.64300	13:53:46	D	7.80
759	HOSHIARPUR	TANDA	S-NPP	31.64486	75.56726	12:40:12	D	2.20
760	HOSHIARPUR	TANDA	S-NPP	31.64606	75.57191	12:40:12	D	3.90
761	HOSHIARPUR	TANDA	S-NPP	31.64725	75.57657	12:40:12	D	3.90
762	HOSHIARPUR	TANDA	S-NPP	31.65220	75.55045	12:40:12	D	3.50
763	HOSHIARPUR	TANDA	S-NPP	31.65257	75.54934	12:40:12	D	3.60
764	HOSHIARPUR	TANDA	S-NPP	31.65508	75.55597	14:20:29	D	5.30
765	HOSHIARPUR	TANDA	S-NPP	31.65574	75.55888	14:20:29	D	6.50
766	HOSHIARPUR	TANDA	S-NPP	31.68128	75.59108	12:40:12	D	13.70
767	HOSHIARPUR	TANDA	S-NPP	31.68136	75.59002	12:40:12	D	6.60
768	HOSHIARPUR	TANDA	S-NPP	31.68254	75.59467	12:40:12	D	6.60
769	HOSHIARPUR	TANDA	S-NPP	31.69435	75.64117	12:40:12	D	3.60
770	HOSHIARPUR	TANDA	S-NPP	31.70784	75.55151	12:40:12	D	3.90
771	HOSHIARPUR	TANDA	S-NPP	31.70905	75.55615	12:40:12	D	3.90
772	HOSHIARPUR	TANDA	S-NPP	31.71468	75.55419	12:40:12	D	3.90
773	HOSHIARPUR	TANDA	S-NPP	31.72032	75.55222	12:40:12	D	3.90
774	HOSHIARPUR	TANDA	S-NPP	31.72114	75.53161	12:40:12	D	1.90
775	HOSHIARPUR	TANDA	S-NPP	31.74596	75.66769	14:20:29	D	1.50
776	HOSHIARPUR	TANDA	AQUA	31.64500	75.55200	13:53:46	D	10.30
777	HOSHIARPUR	TANDA	AQUA	31.67800	75.58900	13:53:46	D	11.60
778	HOSHIARPUR	TANDA	AQUA	31.68200	75.55000	13:53:46	D	12.40
779	HOSHIARPUR	TANDA	AQUA	31.70800	75.54500	13:53:46	D	22.30
780	HOSHIARPUR	TANDA	AQUA	31.71000	75.55600	13:53:46	D	14.70
781	JALANDHAR	ADAMPUR	S-NPP	31.40807	75.76781	12:40:12	D	3.50
782	JALANDHAR	ADAMPUR	S-NPP	31.40839	75.79267	12:40:12	D	3.00
783	JALANDHAR	ADAMPUR	S-NPP	31.42097	75.64465	01:30:12	N	1.20
784	JALANDHAR	BHOGPUR	S-NPP	31.50075	75.67672	12:40:12	D	4.60
785	JALANDHAR	BHOGPUR	S-NPP	31.56531	75.60306	14:20:29	D	8.50
786	JALANDHAR	BHOGPUR	S-NPP	31.56768	75.60275	12:40:12	D	6.60
787	JALANDHAR	BHOGPUR	AQUA	31.48100	75.62800	13:53:46	D	10.20
788	JALANDHAR	BHOGPUR	AQUA	31.51000	75.70900	13:53:46	D	39.30

789	JALANDHAR	BHOGPUR	AQUA	31.53400	75.61300	13:53:46	D	12.90
790	JALANDHAR	JALANDHAR EAST	AQUA	31.36800	75.61400	13:53:46	D	13.30
791	JALANDHAR	JALANDHAR WEST	S-NPP	31.38169	75.59478	12:40:12	D	2.50
792	JALANDHAR	JALANDHAR WEST	S-NPP	31.42498	75.59514	12:40:12	D	4.70
793	JALANDHAR	LOHIAN	S-NPP	31.10955	75.15080	14:20:29	D	3.50
794	JALANDHAR	LOHIAN	S-NPP	31.11151	75.15175	14:20:29	D	4.40
795	JALANDHAR	LOHIAN	S-NPP	31.12126	75.14449	12:40:12	D	3.00
796	JALANDHAR	LOHIAN	S-NPP	31.13095	75.17593	14:20:29	D	3.60
797	JALANDHAR	LOHIAN	AQUA	31.10300	75.17800	13:53:46	D	20.40
798	JALANDHAR	LOHIAN	AQUA	31.10800	75.14600	13:53:46	D	23.80
799	JALANDHAR	LOHIAN	AQUA	31.10900	75.15600	13:53:46	D	7.50
800	JALANDHAR	MEHATPUR	S-NPP	30.98462	75.40289	14:20:29	D	8.30
801	JALANDHAR	MEHATPUR	S-NPP	30.98523	75.43062	12:40:12	D	2.40
802	JALANDHAR	MEHATPUR	S-NPP	30.99747	75.43086	14:20:29	D	7.80
803	JALANDHAR	MEHATPUR	S-NPP	31.00765	75.45638	12:40:12	D	4.40
804	JALANDHAR	MEHATPUR	S-NPP	31.04234	75.39643	12:40:12	D	4.70
805	JALANDHAR	MEHATPUR	S-NPP	31.04714	75.43015	14:20:29	D	4.50
806	JALANDHAR	MEHATPUR	S-NPP	31.06435	75.51938	14:20:29	D	6.80
807	JALANDHAR	MEHATPUR	AQUA	30.99200	75.43500	13:53:46	D	15.00
808	JALANDHAR	NAKODAR	S-NPP	31.11664	75.46937	14:20:29	D	8.70
809	JALANDHAR	NUR MAHAL	S-NPP	31.00316	75.59862	12:40:12	D	3.80
810	JALANDHAR	NUR MAHAL	S-NPP	31.00439	75.60341	12:40:12	D	3.80
811	JALANDHAR	NUR MAHAL	S-NPP	31.00731	75.59853	12:40:12	D	5.60
812	JALANDHAR	NUR MAHAL	S-NPP	31.01154	75.56609	14:20:29	D	5.50
813	JALANDHAR	NUR MAHAL	S-NPP	31.01167	75.56847	14:20:29	D	8.40
814	JALANDHAR	NUR MAHAL	S-NPP	31.03450	75.65118	14:20:29	D	9.60
815	JALANDHAR	NUR MAHAL	S-NPP	31.03516	75.65353	14:20:29	D	9.20
816	JALANDHAR	NUR MAHAL	S-NPP	31.03935	75.64973	12:40:12	D	6.90
817	JALANDHAR	NUR MAHAL	S-NPP	31.03982	75.67533	12:40:12	D	8.20
818	JALANDHAR	NUR MAHAL	S-NPP	31.04089	75.67369	12:40:12	D	5.80
819	JALANDHAR	NUR MAHAL	S-NPP	31.08045	75.64078	12:40:12	D	20.20
820	JALANDHAR	PHILLAUR	S-NPP	31.00492	75.80213	14:20:29	D	10.80
821	JALANDHAR	PHILLAUR	S-NPP	31.00520	75.80769	14:20:29	D	10.80

822	JALANDHAR	PHILLAUR	S-NPP	31.00547	75.81325	14:20:29	D	24.80
823	JALANDHAR	PHILLAUR	S-NPP	31.00650	75.80415	14:20:29	D	20.60
824	JALANDHAR	PHILLAUR	S-NPP	31.00681	75.80971	14:20:29	D	34.50
825	JALANDHAR	PHILLAUR	S-NPP	31.01114	75.80170	14:20:29	D	10.80
826	JALANDHAR	PHILLAUR	S-NPP	31.01142	75.80727	14:20:29	D	10.80
827	JALANDHAR	PHILLAUR	S-NPP	31.01271	75.80376	14:20:29	D	5.90
828	JALANDHAR	PHILLAUR	S-NPP	31.01302	75.80931	14:20:29	D	6.90
829	JALANDHAR	PHILLAUR	AQUA	31.00800	75.80400	13:53:46	D	31.40
830	JALANDHAR	RURKA KALAN	S-NPP	31.07680	75.69858	12:40:12	D	12.80
831	JALANDHAR	RURKA KALAN	S-NPP	31.17004	75.67820	12:40:12	D	10.40
832	JALANDHAR	RURKA KALAN	AQUA	31.21800	75.66600	13:53:46	D	10.90
833	JALANDHAR	SHAHKOT	S-NPP	31.03726	75.37680	12:40:12	D	6.90
834	JALANDHAR	SHAHKOT	S-NPP	31.06699	75.34988	14:20:29	D	5.60
835	JALANDHAR	SHAHKOT	S-NPP	31.07229	75.23144	12:40:12	D	21.10
836	JALANDHAR	SHAHKOT	S-NPP	31.07517	75.38605	14:20:29	D	8.00
837	JALANDHAR	SHAHKOT	S-NPP	31.07547	75.39128	14:20:29	D	8.00
838	JALANDHAR	SHAHKOT	S-NPP	31.08124	75.38561	14:20:29	D	9.70
839	JALANDHAR	SHAHKOT	AQUA	31.03100	75.37800	13:53:46	D	21.50
840	JALANDHAR	SHAHKOT	AQUA	31.07700	75.25200	13:53:46	D	9.60
841	KAPURTHALA	DHILWAN	S-NPP	31.37071	75.26298	12:40:12	D	11.10
842	KAPURTHALA	DHILWAN	S-NPP	31.37197	75.26788	12:40:12	D	13.20
843	KAPURTHALA	DHILWAN	S-NPP	31.37399	75.26353	12:40:12	D	14.20
844	KAPURTHALA	DHILWAN	S-NPP	31.53295	75.37418	12:40:12	D	3.70
845	KAPURTHALA	DHILWAN	S-NPP	31.54242	75.38657	12:40:12	D	7.10
846	KAPURTHALA	DHILWAN	AQUA	31.53100	75.39900	13:53:46	D	14.40
847	KAPURTHALA	KAPURTHALA	S-NPP	31.39258	75.26242	12:40:12	D	8.10
848	KAPURTHALA	NADALA	S-NPP	31.56082	75.50452	12:40:12	D	4.30
849	KAPURTHALA	NADALA	S-NPP	31.56203	75.39018	12:40:12	D	2.40
850	KAPURTHALA	NADALA	S-NPP	31.56503	75.59759	14:20:29	D	5.60
851	KAPURTHALA	NADALA	S-NPP	31.56741	75.55344	12:40:12	D	7.10
852	KAPURTHALA	NADALA	S-NPP	31.56823	75.55659	12:40:12	D	12.60
853	KAPURTHALA	NADALA	S-NPP	31.56864	75.54809	14:20:29	D	5.60
854	KAPURTHALA	NADALA	S-NPP	31.56864	75.55814	12:40:12	D	11.30

855	KAPURTHALA	NADALA	S-NPP	31.58116	75.55889	12:40:12	D	3.30
856	KAPURTHALA	NADALA	AQUA	31.54900	75.52400	13:53:46	D	6.00
857	KAPURTHALA	NADALA	AQUA	31.57100	75.55200	13:53:46	D	8.80
858	KAPURTHALA	NADALA	AQUA	31.63200	75.52300	13:53:46	D	10.10
859	KAPURTHALA	PHAGWARA	S-NPP	31.30518	75.70375	12:40:12	D	5.30
860	KAPURTHALA	PHAGWARA	S-NPP	31.35381	75.79773	12:40:12	D	2.90
861	KAPURTHALA	PHAGWARA	AQUA	31.29000	75.71000	13:53:46	D	7.90
862	KAPURTHALA	PHAGWARA	AQUA	31.29900	75.70800	13:53:46	D	15.50
863	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.21539	75.17669	12:40:12	D	2.80
864	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.21859	75.17621	12:40:12	D	3.70
865	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.23598	75.18103	14:20:29	D	3.10
866	KAPURTHALA	SULTANPUR LODHI	S-NPP	31.26129	75.09740	14:20:29	D	5.00
867	LUDHIANA	DEHLON	S-NPP	30.77555	75.93242	12:40:12	D	4.30
868	LUDHIANA	DORAHA	S-NPP	30.63017	76.05923	12:40:12	D	5.70
869	LUDHIANA	DORAHA	S-NPP	30.63134	76.06381	12:40:12	D	7.00
870	LUDHIANA	DORAHA	S-NPP	30.69789	76.06133	12:40:12	D	13.20
871	LUDHIANA	DORAHA	S-NPP	30.69812	76.06218	12:40:12	D	13.60
872	LUDHIANA	DORAHA	S-NPP	30.77055	75.98425	12:40:12	D	3.20
873	LUDHIANA	DORAHA	S-NPP	30.77539	75.98147	12:40:12	D	6.00
874	LUDHIANA	DORAHA	S-NPP	30.77619	75.98238	12:40:12	D	3.90
875	LUDHIANA	DORAHA	S-NPP	30.80579	76.00222	12:40:12	D	2.50
876	LUDHIANA	DORAHA	S-NPP	30.83783	76.05582	12:40:12	D	7.90
877	LUDHIANA	JAGRAON	S-NPP	30.59252	75.42545	14:20:29	D	4.70
878	LUDHIANA	JAGRAON	S-NPP	30.64358	75.43841	12:40:12	D	3.50
879	LUDHIANA	JAGRAON	S-NPP	30.65393	75.42941	12:40:12	D	9.80
880	LUDHIANA	JAGRAON	S-NPP	30.66447	75.48173	12:40:12	D	10.10
881	LUDHIANA	JAGRAON	S-NPP	30.69927	75.42125	12:40:12	D	6.70
882	LUDHIANA	JAGRAON	S-NPP	30.70391	75.45429	14:20:29	D	6.10
883	LUDHIANA	JAGRAON	S-NPP	30.70444	75.45499	14:20:29	D	6.30
884	LUDHIANA	JAGRAON	S-NPP	30.71747	75.46987	14:20:29	D	7.10
885	LUDHIANA	JAGRAON	S-NPP	30.71893	75.49614	14:20:29	D	13.00
886	LUDHIANA	JAGRAON	S-NPP	30.71922	75.50140	14:20:29	D	13.00
887	LUDHIANA	JAGRAON	S-NPP	30.73306	75.42151	14:20:29	D	7.70



888	LUDHIANA	JAGRAON	S-NPP	30.73529	75.46281	12:40:12	D	5.90
889	LUDHIANA	JAGRAON	S-NPP	30.73735	75.46069	12:40:12	D	5.00
890	LUDHIANA	JAGRAON	S-NPP	30.74077	75.55835	14:20:29	D	2.70
891	LUDHIANA	JAGRAON	S-NPP	30.75850	75.57739	12:40:12	D	7.00
892	LUDHIANA	JAGRAON	S-NPP	30.77528	75.38844	12:40:12	D	5.60
893	LUDHIANA	JAGRAON	S-NPP	30.78569	75.58990	14:20:29	D	6.30
894	LUDHIANA	JAGRAON	S-NPP	30.78949	75.39437	12:40:12	D	3.20
895	LUDHIANA	JAGRAON	S-NPP	30.81680	75.57179	12:40:12	D	6.50
896	LUDHIANA	JAGRAON	S-NPP	30.81806	75.57663	12:40:12	D	8.10
897	LUDHIANA	JAGRAON	AQUA	30.59400	75.42000	13:53:46	D	8.50
898	LUDHIANA	JAGRAON	AQUA	30.64100	75.43200	13:53:46	D	23.00
899	LUDHIANA	JAGRAON	AQUA	30.67700	75.48200	13:53:46	D	15.70
900	LUDHIANA	JAGRAON	AQUA	30.71600	75.49600	13:53:46	D	15.80
901	LUDHIANA	JAGRAON	AQUA	30.73300	75.49200	13:53:46	D	9.60
902	LUDHIANA	JAGRAON	AQUA	30.79900	75.56900	13:53:46	D	8.10
903	LUDHIANA	KHANNA	S-NPP	30.64510	76.09390	12:40:12	D	3.40
904	LUDHIANA	KHANNA	S-NPP	30.64813	76.12261	14:20:29	D	1.70
905	LUDHIANA	KHANNA	S-NPP	30.69411	76.15433	14:20:29	D	2.40
906	LUDHIANA	KHANNA	S-NPP	30.72071	76.20113	12:40:12	D	11.20
907	LUDHIANA	KHANNA	S-NPP	30.72175	76.20148	12:40:12	D	10.30
908	LUDHIANA	KHANNA	S-NPP	30.72876	76.25234	12:40:12	D	3.60
909	LUDHIANA	LUDHIANA-1	S-NPP	30.83049	75.74408	12:40:12	D	6.10
910	LUDHIANA	LUDHIANA-1	S-NPP	30.83873	75.79426	12:40:12	D	8.50
911	LUDHIANA	LUDHIANA-1	S-NPP	30.84276	75.79123	12:40:12	D	8.50
912	LUDHIANA	LUDHIANA-1	S-NPP	30.84644	75.68851	14:20:29	D	3.60
913	LUDHIANA	LUDHIANA-1	S-NPP	30.85822	75.79205	14:20:29	D	5.80
914	LUDHIANA	LUDHIANA-1	AQUA	30.83000	75.72200	13:53:46	D	45.40
915	LUDHIANA	LUDHIANA-1	AQUA	30.84800	76.05000	13:53:46	D	9.60
916	LUDHIANA	LUDHIANA-2	S-NPP	30.89400	76.11229	14:20:29	D	3.90
917	LUDHIANA	LUDHIANA-2	S-NPP	30.94004	75.72552	14:20:29	D	4.60
918	LUDHIANA	LUDHIANA-2	S-NPP	30.99807	75.89140	12:40:12	D	3.40
919	LUDHIANA	MACHHIWARA	S-NPP	30.83759	76.25588	14:20:29	D	4.10
920	LUDHIANA	MACHHIWARA	S-NPP	30.84335	76.25258	12:40:12	D	6.40

921	LUDHIANA	MACHHIWARA	S-NPP	30.84576	76.25262	12:40:12	D	7.20
922	LUDHIANA	MACHHIWARA	S-NPP	30.87506	76.11343	14:20:29	D	5.40
923	LUDHIANA	MALOD	S-NPP	30.59738	75.95485	12:40:12	D	3.90
924	LUDHIANA	MALOD	S-NPP	30.62309	75.91073	12:40:12	D	6.90
925	LUDHIANA	MALOD	S-NPP	30.62434	75.98434	14:20:29	D	6.20
926	LUDHIANA	MALOD	S-NPP	30.65986	75.98519	12:40:12	D	6.80
927	LUDHIANA	MALOD	S-NPP	30.66013	75.98412	12:40:12	D	6.50
928	LUDHIANA	MALOD	S-NPP	30.66755	75.91600	12:40:12	D	4.20
929	LUDHIANA	MALOD	S-NPP	30.68544	75.94143	12:40:12	D	2.10
930	LUDHIANA	MALOD	S-NPP	30.69125	75.87090	14:20:29	D	7.80
931	LUDHIANA	MALOD	S-NPP	30.69319	75.92368	12:40:12	D	5.20
932	LUDHIANA	MALOD	AQUA	30.61700	76.03600	13:53:46	D	18.00
933	LUDHIANA	MALOD	AQUA	30.62600	76.03500	13:53:46	D	7.40
934	LUDHIANA	MALOD	AQUA	30.66200	75.96900	13:53:46	D	8.30
935	LUDHIANA	PAKHOWAL	S-NPP	30.77221	75.77599	12:40:12	D	3.50
936	LUDHIANA	PAKHOWAL	S-NPP	30.80617	75.83603	12:40:12	D	7.30
937	LUDHIANA	PAKHOWAL	S-NPP	30.83140	75.75525	14:20:29	D	11.20
938	LUDHIANA	PAKHOWAL	S-NPP	30.83169	75.76073	14:20:29	D	15.30
939	LUDHIANA	PAKHOWAL	S-NPP	30.83249	75.75809	14:20:29	D	18.20
940	LUDHIANA	RAIKOT	S-NPP	30.60853	75.54723	12:40:12	D	4.80
941	LUDHIANA	RAIKOT	S-NPP	30.60901	75.50291	14:20:29	D	4.10
942	LUDHIANA	RAIKOT	S-NPP	30.62080	75.52162	12:40:12	D	5.90
943	LUDHIANA	RAIKOT	S-NPP	30.62223	75.64852	12:40:12	D	11.40
944	LUDHIANA	RAIKOT	S-NPP	30.62649	75.68908	12:40:12	D	5.50
945	LUDHIANA	RAIKOT	S-NPP	30.63419	75.54912	12:40:12	D	5.20
946	LUDHIANA	RAIKOT	S-NPP	30.63844	75.59116	14:20:29	D	4.30
947	LUDHIANA	RAIKOT	S-NPP	30.66208	75.48599	12:40:12	D	6.60
948	LUDHIANA	RAIKOT	S-NPP	30.66335	75.49094	12:40:12	D	6.60
949	LUDHIANA	RAIKOT	S-NPP	30.66576	75.48665	12:40:12	D	9.90
950	LUDHIANA	RAIKOT	S-NPP	30.66705	75.49158	12:40:12	D	9.90
951	LUDHIANA	RAIKOT	S-NPP	30.67053	75.50918	14:20:29	D	7.40
952	LUDHIANA	RAIKOT	S-NPP	30.67524	75.64263	12:40:12	D	4.90
953	LUDHIANA	RAIKOT	S-NPP	30.67816	75.67152	12:40:12	D	5.70

954	LUDHIANA	RAIKOT	S-NPP	30.68156	75.66670	12:40:12	D	2.80
955	LUDHIANA	RAIKOT	S-NPP	30.68304	75.51363	14:20:29	D	6.40
956	LUDHIANA	RAIKOT	S-NPP	30.68321	75.51452	14:20:29	D	3.90
957	LUDHIANA	RAIKOT	S-NPP	30.69400	75.54645	12:40:12	D	3.90
958	LUDHIANA	RAIKOT	S-NPP	30.69551	75.63113	14:20:29	D	11.10
959	LUDHIANA	RAIKOT	S-NPP	30.69579	75.63647	14:20:29	D	9.90
960	LUDHIANA	RAIKOT	S-NPP	30.69605	75.63011	14:20:29	D	8.80
961	LUDHIANA	RAIKOT	S-NPP	30.69637	75.63546	14:20:29	D	12.80
962	LUDHIANA	SAMRALA	S-NPP	30.83632	76.09847	14:20:29	D	5.10
963	LUDHIANA	SIDHWAN BET	S-NPP	30.82861	75.47500	14:20:29	D	3.70
964	LUDHIANA	SIDHWAN BET	S-NPP	30.83469	75.47456	14:20:29	D	3.70
965	LUDHIANA	SIDHWAN BET	S-NPP	30.92883	75.45558	12:40:12	D	6.20
966	LUDHIANA	SIDHWAN BET	S-NPP	30.98270	75.43310	12:40:12	D	4.50
967	LUDHIANA	SIDHWAN BET	AQUA	30.82900	75.45800	13:53:46	D	16.00
968	LUDHIANA	SIDHWAN BET	AQUA	30.85500	75.43500	13:53:46	D	6.60
969	LUDHIANA	SIDHWAN BET	AQUA	30.90800	75.55200	13:53:46	D	16.40
970	LUDHIANA	SIDHWAN BET	AQUA	30.91700	75.55000	13:53:46	D	13.80
971	LUDHIANA	SUDHAR	S-NPP	30.73790	75.61744	14:20:29	D	4.50
972	LUDHIANA	SUDHAR	S-NPP	30.80950	75.68298	14:20:29	D	3.40
973	LUDHIANA	SUDHAR	AQUA	30.72100	75.66400	13:53:46	D	11.40
974	LUDHIANA	SUDHAR	AQUA	30.76700	75.59700	13:53:46	D	12.20
975	LUDHIANA	SUDHAR	AQUA	30.82900	75.71200	13:53:46	D	10.80
976	MANSA	BHIKHI	S-NPP	30.13287	75.48834	12:40:12	D	4.90
977	MANSA	BUDHLADA	S-NPP	29.84977	75.59621	12:40:12	D	7.70
978	MANSA	BUDHLADA	S-NPP	29.95570	75.48273	12:40:12	D	6.00
979	MANSA	BUDHLADA	S-NPP	30.04515	75.63627	14:20:29	D	3.50
980	MANSA	SARDULGARH	S-NPP	29.67634	75.32895	14:20:29	D	5.90
981	MANSA	SARDULGARH	S-NPP	29.70058	75.33218	14:20:29	D	7.70
982	MOGA	BAGHA PURANA	S-NPP	30.49346	75.00608	14:20:29	D	4.70
983	MOGA	BAGHA PURANA	S-NPP	30.53358	75.08409	12:40:12	D	7.10
984	MOGA	BAGHA PURANA	S-NPP	30.53364	75.08746	12:40:12	D	10.60
985	MOGA	BAGHA PURANA	S-NPP	30.53476	75.09678	14:20:29	D	5.20
986	MOGA	BAGHA PURANA	S-NPP	30.53498	75.08931	12:40:12	D	8.40

987	MOGA	BAGHA PURANA	S-NPP	30.54098	75.01610	12:40:12	D	7.50
988	MOGA	BAGHA PURANA	S-NPP	30.54197	75.01828	12:40:12	D	7.30
989	MOGA	BAGHA PURANA	S-NPP	30.57016	75.03150	14:20:29	D	20.80
990	MOGA	BAGHA PURANA	S-NPP	30.57227	75.02970	14:20:29	D	14.20
991	MOGA	BAGHA PURANA	S-NPP	30.57258	75.03460	14:20:29	D	15.30
992	MOGA	BAGHA PURANA	S-NPP	30.58213	75.15003	12:40:12	D	7.40
993	MOGA	BAGHA PURANA	S-NPP	30.58262	74.97542	12:40:12	D	3.40
994	MOGA	BAGHA PURANA	S-NPP	30.58391	75.15179	12:40:12	D	9.00
995	MOGA	BAGHA PURANA	S-NPP	30.58818	74.99654	12:40:12	D	2.30
996	MOGA	BAGHA PURANA	S-NPP	30.59175	74.96068	12:40:12	D	6.10
997	MOGA	BAGHA PURANA	S-NPP	30.60307	74.98471	14:20:29	D	6.90
998	MOGA	BAGHA PURANA	S-NPP	30.61669	75.01318	14:20:29	D	7.90
999	MOGA	BAGHA PURANA	S-NPP	30.61699	75.01808	14:20:29	D	7.90
1000	MOGA	BAGHA PURANA	S-NPP	30.61831	75.01384	12:40:12	D	7.00
1001	MOGA	BAGHA PURANA	S-NPP	30.61887	75.01458	12:40:12	D	9.90
1002	MOGA	BAGHA PURANA	S-NPP	30.62003	74.99604	12:40:12	D	12.30
1003	MOGA	BAGHA PURANA	S-NPP	30.62069	74.99673	12:40:12	D	11.30
1004	MOGA	BAGHA PURANA	S-NPP	30.62070	75.14474	12:40:12	D	10.80
1005	MOGA	BAGHA PURANA	S-NPP	30.62321	75.02254	14:20:29	D	10.30
1006	MOGA	BAGHA PURANA	S-NPP	30.62770	74.97615	12:40:12	D	6.40
1007	MOGA	BAGHA PURANA	S-NPP	30.62845	74.97675	12:40:12	D	10.90
1008	MOGA	BAGHA PURANA	S-NPP	30.64430	75.13655	12:40:12	D	8.10
1009	MOGA	BAGHA PURANA	S-NPP	30.64678	75.21979	12:40:12	D	13.30
1010	MOGA	BAGHA PURANA	S-NPP	30.65266	75.21777	12:40:12	D	9.90
1011	MOGA	BAGHA PURANA	S-NPP	30.65533	75.22797	12:40:12	D	8.70
1012	MOGA	BAGHA PURANA	S-NPP	30.65584	75.15395	12:40:12	D	6.20
1013	MOGA	BAGHA PURANA	S-NPP	30.65688	75.08450	14:20:29	D	5.30
1014	MOGA	BAGHA PURANA	S-NPP	30.65987	75.22086	12:40:12	D	9.90
1015	MOGA	BAGHA PURANA	S-NPP	30.66120	75.22596	12:40:12	D	8.70
1016	MOGA	BAGHA PURANA	S-NPP	30.66232	75.03293	12:40:12	D	8.50
1017	MOGA	BAGHA PURANA	S-NPP	30.66268	75.03365	12:40:12	D	7.00
1018	MOGA	BAGHA PURANA	S-NPP	30.66548	75.02045	12:40:12	D	10.50
1019	MOGA	BAGHA PURANA	S-NPP	30.66620	74.97428	12:40:12	D	12.50

1020	MOGA	BAGHA PURANA	S-NPP	30.66884	75.08179	12:40:12	D	8.60
1021	MOGA	BAGHA PURANA	S-NPP	30.66895	75.08273	12:40:12	D	10.40
1022	MOGA	BAGHA PURANA	S-NPP	30.67023	75.08700	12:40:12	D	8.60
1023	MOGA	BAGHA PURANA	S-NPP	30.67030	75.08794	12:40:12	D	17.40
1024	MOGA	BAGHA PURANA	S-NPP	30.67141	75.01836	12:40:12	D	8.80
1025	MOGA	BAGHA PURANA	S-NPP	30.67476	75.07976	12:40:12	D	13.10
1026	MOGA	BAGHA PURANA	S-NPP	30.67486	75.08067	12:40:12	D	10.40
1027	MOGA	BAGHA PURANA	S-NPP	30.68153	75.00348	14:20:29	D	2.80
1028	MOGA	BAGHA PURANA	S-NPP	30.68480	75.00345	14:20:29	D	5.50
1029	MOGA	BAGHA PURANA	S-NPP	30.69730	74.96914	12:40:12	D	10.80
1030	MOGA	BAGHA PURANA	S-NPP	30.69740	75.11685	14:20:29	D	10.30
1031	MOGA	BAGHA PURANA	S-NPP	30.69869	74.97441	12:40:12	D	10.80
1032	MOGA	BAGHA PURANA	S-NPP	30.70324	74.96707	12:40:12	D	10.80
1033	MOGA	BAGHA PURANA	S-NPP	30.70463	74.97234	12:40:12	D	10.80
1034	MOGA	BAGHA PURANA	S-NPP	30.70732	74.98211	14:20:29	D	13.10
1035	MOGA	BAGHA PURANA	S-NPP	30.70762	74.98702	14:20:29	D	14.50
1036	MOGA	BAGHA PURANA	S-NPP	30.70792	74.99191	14:20:29	D	14.50
1037	MOGA	BAGHA PURANA	S-NPP	30.70821	74.99681	14:20:29	D	16.80
1038	MOGA	BAGHA PURANA	S-NPP	30.70851	75.00172	14:20:29	D	16.80
1039	MOGA	BAGHA PURANA	S-NPP	30.70909	75.01154	14:20:29	D	12.40
1040	MOGA	BAGHA PURANA	S-NPP	30.70919	74.96500	12:40:12	D	5.60
1041	MOGA	BAGHA PURANA	S-NPP	30.70933	75.11595	14:20:29	D	22.50
1042	MOGA	BAGHA PURANA	S-NPP	30.70939	75.01646	14:20:29	D	12.00
1043	MOGA	BAGHA PURANA	S-NPP	30.71383	74.99146	14:20:29	D	14.50
1044	MOGA	BAGHA PURANA	S-NPP	30.71413	74.99637	14:20:29	D	16.80
1045	MOGA	BAGHA PURANA	S-NPP	30.76992	74.93820	14:20:29	D	9.80
1046	MOGA	BAGHA PURANA	S-NPP	30.77381	74.93458	14:20:29	D	7.10
1047	MOGA	BAGHA PURANA	S-NPP	30.78000	74.93903	14:20:29	D	7.10
1048	MOGA	BAGHA PURANA	S-NPP	30.78057	74.94878	14:20:29	D	12.70
1049	MOGA	BAGHA PURANA	S-NPP	30.78205	74.94225	14:20:29	D	6.20
1050	MOGA	BAGHA PURANA	S-NPP	30.78268	74.95200	14:20:29	D	7.10
1051	MOGA	BAGHA PURANA	AQUA	30.52400	75.12800	13:53:46	D	29.90
1052	MOGA	BAGHA PURANA	AQUA	30.54900	75.11300	13:53:46	D	12.10

1053	MOGA	BAGHA PURANA	AQUA	30.55100	75.06000	13:53:46	D	17.20
1054	MOGA	BAGHA PURANA	AQUA	30.57700	74.99100	13:53:46	D	16.90
1055	MOGA	BAGHA PURANA	AQUA	30.59700	74.99100	13:53:46	D	22.40
1056	MOGA	BAGHA PURANA	AQUA	30.61400	75.10400	13:53:46	D	12.20
1057	MOGA	BAGHA PURANA	AQUA	30.61600	74.99800	13:53:46	D	10.50
1058	MOGA	BAGHA PURANA	AQUA	30.62200	75.03900	13:53:46	D	9.70
1059	MOGA	BAGHA PURANA	AQUA	30.62800	75.01700	13:53:46	D	11.10
1060	MOGA	BAGHA PURANA	AQUA	30.64900	75.22400	13:53:46	D	10.80
1061	MOGA	BAGHA PURANA	AQUA	30.70600	74.98500	13:53:46	D	119.50
1062	MOGA	BAGHA PURANA	AQUA	30.70800	74.99500	13:53:46	D	87.90
1063	MOGA	BAGHA PURANA	AQUA	30.71500	74.98300	13:53:46	D	25.80
1064	MOGA	BAGHA PURANA	AQUA	30.71600	74.99400	13:53:46	D	19.50
1065	MOGA	BAGHA PURANA	AQUA	30.74500	74.99900	13:53:46	D	13.20
1066	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.86949	75.27628	12:40:12	D	10.80
1067	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.87873	75.14053	12:40:12	D	8.10
1068	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.88026	75.14196	12:40:12	D	6.00
1069	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.88239	75.33398	14:20:29	D	3.70
1070	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.88604	75.17947	14:20:29	D	9.40
1071	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.88721	75.32957	14:20:29	D	12.40
1072	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.88816	75.32838	14:20:29	D	13.60
1073	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.89056	75.06002	12:40:12	D	4.20
1074	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.89175	75.20574	14:20:29	D	10.40
1075	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.91612	75.35793	12:40:12	D	7.60
1076	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.91740	75.36290	12:40:12	D	9.30
1077	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.91792	75.10631	14:20:29	D	4.40
1078	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.91858	75.17105	12:40:12	D	7.60
1079	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.92036	75.17245	12:40:12	D	6.80
1080	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.92137	75.05492	12:40:12	D	8.60
1081	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.92184	75.07088	14:20:29	D	9.50
1082	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.92760	75.29602	12:40:12	D	12.60
1083	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.92780	75.07044	14:20:29	D	9.50
1084	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.92969	75.28806	12:40:12	D	8.30
1085	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.93098	75.29305	12:40:12	D	12.00

1086	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.93209	75.28902	12:40:12	D	12.50
1087	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.93227	75.29805	12:40:12	D	12.00
1088	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.93341	75.29401	12:40:12	D	12.60
1089	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.93970	75.17054	14:20:29	D	9.00
1090	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.94394	75.09188	12:40:12	D	5.80
1091	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.94928	75.23119	14:20:29	D	4.70
1092	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.95768	75.16926	14:20:29	D	6.60
1093	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.95798	75.17433	14:20:29	D	13.30
1094	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.96967	75.16841	14:20:29	D	6.40
1095	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.97224	75.17072	14:20:29	D	7.30
1096	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.97483	75.30684	12:40:12	D	13.10
1097	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.97548	75.26537	14:20:29	D	7.20
1098	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.97747	75.26781	14:20:29	D	6.10
1099	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.97813	75.34357	12:40:12	D	3.10
1100	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.97977	75.33764	14:20:29	D	5.80
1101	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.97980	75.13727	14:20:29	D	4.60
1102	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.98132	75.34019	14:20:29	D	5.00
1103	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99271	75.15158	14:20:29	D	10.70
1104	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99331	75.22543	14:20:29	D	3.90
1105	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99510	75.14869	14:20:29	D	6.30
1106	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99679	75.11458	12:40:12	D	3.40
1107	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99772	75.15091	12:40:12	D	9.90
1108	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	30.99838	75.14610	14:20:29	D	7.40
1109	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.00018	75.11119	12:40:12	D	28.30
1110	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.00081	75.14320	14:20:29	D	6.30
1111	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.00265	75.11254	12:40:12	D	16.80
1112	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.03703	75.14568	14:20:29	D	26.20
1113	MOGA	KOT ISE KHAN AT DHARAMKOT	S-NPP	31.04273	75.14021	14:20:29	D	8.30
1114	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.88600	75.33400	13:53:46	D	7.70
1115	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.91100	75.05900	13:53:46	D	26.30
1116	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.91900	75.05700	13:53:46	D	14.00
1117	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.92000	75.31100	13:53:46	D	24.00
1118	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.92100	75.06800	13:53:46	D	18.00

1119	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.93000	75.32000	13:53:46	D	14.60
1120	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.94500	75.23200	13:53:46	D	11.00
1121	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.95400	75.16700	13:53:46	D	30.90
1122	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.95500	75.17700	13:53:46	D	28.30
1123	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.96200	75.16500	13:53:46	D	23.50
1124	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.96400	75.17600	13:53:46	D	30.70
1125	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.97100	75.16400	13:53:46	D	41.80
1126	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.97300	75.17400	13:53:46	D	35.60
1127	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	30.99000	75.15300	13:53:46	D	29.50
1128	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	31.00200	75.10900	13:53:46	D	14.80
1129	MOGA	KOT ISE KHAN AT DHARAMKOT	AQUA	31.02500	75.21000	13:53:46	D	8.30
1130	MOGA	MOGA-1	S-NPP	30.71334	75.20118	12:40:12	D	18.00
1131	MOGA	MOGA-1	S-NPP	30.71559	75.12050	14:20:29	D	16.00
1132	MOGA	MOGA-1	S-NPP	30.72156	75.12006	14:20:29	D	16.00
1133	MOGA	MOGA-1	S-NPP	30.72215	75.13007	14:20:29	D	20.90
1134	MOGA	MOGA-1	S-NPP	30.72252	75.30853	12:40:12	D	11.50
1135	MOGA	MOGA-1	S-NPP	30.72542	75.24698	12:40:12	D	6.70
1136	MOGA	MOGA-1	S-NPP	30.72713	75.30810	12:40:12	D	8.80
1137	MOGA	MOGA-1	S-NPP	30.73287	75.31246	14:20:29	D	3.20
1138	MOGA	MOGA-1	S-NPP	30.73761	75.34160	12:40:12	D	3.70
1139	MOGA	MOGA-1	S-NPP	30.74059	75.28036	12:40:12	D	5.90
1140	MOGA	MOGA-1	S-NPP	30.74192	75.28541	12:40:12	D	5.90
1141	MOGA	MOGA-1	S-NPP	30.74201	75.34129	12:40:12	D	7.20
1142	MOGA	MOGA-1	S-NPP	30.75205	75.22672	12:40:12	D	9.50
1143	MOGA	MOGA-1	S-NPP	30.75338	75.23180	12:40:12	D	6.00
1144	MOGA	MOGA-1	S-NPP	30.75452	75.35760	12:40:12	D	13.10
1145	MOGA	MOGA-1	S-NPP	30.75583	75.36260	12:40:12	D	18.30
1146	MOGA	MOGA-1	S-NPP	30.75765	75.17470	12:40:12	D	6.20
1147	MOGA	MOGA-1	S-NPP	30.76218	75.16753	12:40:12	D	9.20
1148	MOGA	MOGA-1	S-NPP	30.76352	75.17266	12:40:12	D	15.00
1149	MOGA	MOGA-1	S-NPP	30.76486	75.34861	12:40:12	D	6.80
1150	MOGA	MOGA-1	S-NPP	30.76702	75.37740	14:20:29	D	12.10
1151	MOGA	MOGA-1	S-NPP	30.76933	75.28111	14:20:29	D	6.80



1152	MOGA	MOGA-1	S-NPP	30.77127	75.31704	14:20:29	D	7.50
1153	MOGA	MOGA-1	S-NPP	30.77323	75.27874	14:20:29	D	5.00
1154	MOGA	MOGA-1	S-NPP	30.77566	75.26825	12:40:12	D	7.80
1155	MOGA	MOGA-1	S-NPP	30.78074	75.15781	12:40:12	D	2.50
1156	MOGA	MOGA-1	S-NPP	30.79600	75.26324	12:40:12	D	3.30
1157	MOGA	MOGA-1	S-NPP	30.79848	75.33151	12:40:12	D	7.70
1158	MOGA	MOGA-1	S-NPP	30.80399	75.38533	14:20:29	D	7.30
1159	MOGA	MOGA-1	S-NPP	30.80546	75.38732	14:20:29	D	7.30
1160	MOGA	MOGA-1	S-NPP	30.81335	75.36443	12:40:12	D	3.50
1161	MOGA	MOGA-1	S-NPP	30.81529	75.34747	12:40:12	D	3.10
1162	MOGA	MOGA-1	S-NPP	30.82149	75.24139	14:20:29	D	10.10
1163	MOGA	MOGA-1	S-NPP	30.82178	75.24651	14:20:29	D	10.10
1164	MOGA	MOGA-1	S-NPP	30.82681	75.30737	12:40:12	D	1.50
1165	MOGA	MOGA-1	S-NPP	30.82707	75.33894	14:20:29	D	8.50
1166	MOGA	MOGA-1	S-NPP	30.82736	75.34411	14:20:29	D	10.10
1167	MOGA	MOGA-1	S-NPP	30.82755	75.37039	12:40:12	D	3.50
1168	MOGA	MOGA-1	S-NPP	30.83335	75.36838	12:40:12	D	3.50
1169	MOGA	MOGA-1	S-NPP	30.84485	75.27931	12:40:12	D	1.70
1170	MOGA	MOGA-1	S-NPP	30.84617	75.28432	12:40:12	D	1.70
1171	MOGA	MOGA-1	S-NPP	30.85255	75.26019	12:40:12	D	4.20
1172	MOGA	MOGA-1	S-NPP	30.85387	75.26522	12:40:12	D	3.40
1173	MOGA	MOGA-1	S-NPP	30.85707	75.25314	12:40:12	D	4.50
1174	MOGA	MOGA-1	AQUA	30.73300	75.29700	13:53:46	D	19.60
1175	MOGA	MOGA-1	AQUA	30.73500	75.30700	13:53:46	D	39.70
1176	MOGA	MOGA-1	AQUA	30.75200	75.30300	13:53:46	D	12.70
1177	MOGA	MOGA-1	AQUA	30.75400	75.31400	13:53:46	D	14.50
1178	MOGA	MOGA-1	AQUA	30.82300	75.33600	13:53:46	D	16.50
1179	MOGA	MOGA-1	AQUA	30.82400	75.34600	13:53:46	D	13.80
1180	MOGA	MOGA-1	AQUA	30.84900	75.26700	13:53:46	D	19.10
1181	MOGA	MOGA-1	AQUA	30.86100	75.35000	13:53:46	D	13.80
1182	MOGA	MOGA-2	S-NPP	30.76177	75.09213	14:20:29	D	5.50
1183	MOGA	MOGA-2	S-NPP	30.76688	75.03323	12:40:12	D	5.70
1184	MOGA	MOGA-2	S-NPP	30.76726	75.13776	12:40:12	D	6.00

1185	MOGA	MOGA-2	S-NPP	30.76803	75.13424	12:40:12	D	4.00
1186	MOGA	MOGA-2	S-NPP	30.77040	74.99783	12:40:12	D	9.60
1187	MOGA	MOGA-2	S-NPP	30.77318	75.00829	12:40:12	D	9.80
1188	MOGA	MOGA-2	S-NPP	30.77632	74.99575	12:40:12	D	6.70
1189	MOGA	MOGA-2	S-NPP	30.77744	75.05605	14:20:29	D	24.80
1190	MOGA	MOGA-2	S-NPP	30.77910	75.00622	12:40:12	D	8.90
1191	MOGA	MOGA-2	S-NPP	30.78049	75.01144	12:40:12	D	8.70
1192	MOGA	MOGA-2	S-NPP	30.78063	75.05254	14:20:29	D	23.90
1193	MOGA	MOGA-2	S-NPP	30.78091	75.05751	14:20:29	D	23.90
1194	MOGA	MOGA-2	S-NPP	30.78339	75.05563	14:20:29	D	18.40
1195	MOGA	MOGA-2	S-NPP	30.78829	75.08189	14:20:29	D	10.50
1196	MOGA	MOGA-2	S-NPP	30.80645	75.08554	14:20:29	D	7.90
1197	MOGA	MOGA-2	S-NPP	30.81094	75.06022	14:20:29	D	9.50
1198	MOGA	MOGA-2	S-NPP	30.82107	75.02972	14:20:29	D	37.90
1199	MOGA	MOGA-2	S-NPP	30.82790	75.04406	14:20:29	D	4.40
1200	MOGA	MOGA-2	S-NPP	30.84181	74.97868	14:20:29	D	6.90
1201	MOGA	MOGA-2	S-NPP	30.84269	75.12518	12:40:12	D	1.90
1202	MOGA	MOGA-2	S-NPP	30.84403	75.13030	12:40:12	D	1.90
1203	MOGA	MOGA-2	S-NPP	30.85610	75.01720	14:20:29	D	6.20
1204	MOGA	MOGA-2	S-NPP	30.87205	74.98635	14:20:29	D	16.10
1205	MOGA	MOGA-2	S-NPP	30.87440	75.14400	12:40:12	D	6.00
1206	MOGA	MOGA-2	S-NPP	30.87506	74.98467	14:20:29	D	13.60
1207	MOGA	MOGA-2	S-NPP	30.87578	75.04566	14:20:29	D	6.50
1208	MOGA	MOGA-2	S-NPP	30.87844	75.04406	14:20:29	D	6.00
1209	MOGA	MOGA-2	AQUA	30.74300	75.05200	13:53:46	D	16.60
1210	MOGA	MOGA-2	AQUA	30.77100	75.05700	13:53:46	D	44.90
1211	MOGA	MOGA-2	AQUA	30.79300	75.00400	13:53:46	D	8.90
1212	MOGA	MOGA-2	AQUA	30.80300	74.94900	13:53:46	D	10.00
1213	MOGA	MOGA-2	AQUA	30.80600	75.03300	13:53:46	D	10.50
1214	MOGA	MOGA-2	AQUA	30.83100	75.14400	13:53:46	D	52.80
1215	MOGA	MOGA-2	AQUA	30.83800	75.00500	13:53:46	D	9.90
1216	MOGA	MOGA-2	AQUA	30.84000	75.14200	13:53:46	D	22.10
1217	MOGA	MOGA-2	AQUA	30.84700	75.06700	13:53:46	D	12.30

1218	MOGA	MOGA-2	AQUA	30.85600	75.00200	13:53:46	D	18.10
1219	MOGA	MOGA-2	AQUA	30.85800	75.01200	13:53:46	D	28.30
1220	MOGA	NIHAL SINGH	S-NPP	30.51921	75.27816	12:40:12	D	4.70
1221	MOGA	NIHAL SINGH	S-NPP	30.54647	75.23538	12:40:12	D	6.10
1222	MOGA	NIHAL SINGH	S-NPP	30.59361	75.36611	14:20:29	D	7.40
1223	MOGA	NIHAL SINGH	S-NPP	30.59393	75.37124	14:20:29	D	7.40
1224	MOGA	NIHAL SINGH	S-NPP	30.59541	75.36813	14:20:29	D	15.50
1225	MOGA	NIHAL SINGH	S-NPP	30.59570	75.37328	14:20:29	D	15.50
1226	MOGA	NIHAL SINGH	S-NPP	30.59966	75.36568	14:20:29	D	7.40
1227	MOGA	NIHAL SINGH	S-NPP	30.59998	75.37083	14:20:29	D	7.40
1228	MOGA	NIHAL SINGH	S-NPP	30.61134	75.30401	12:40:12	D	8.20
1229	MOGA	NIHAL SINGH	S-NPP	30.61457	75.30074	12:40:12	D	6.00
1230	MOGA	NIHAL SINGH	S-NPP	30.61905	75.28481	12:40:12	D	4.60
1231	MOGA	NIHAL SINGH	S-NPP	30.63622	75.33939	14:20:29	D	6.40
1232	MOGA	NIHAL SINGH	S-NPP	30.65493	75.34837	14:20:29	D	5.10
1233	MOGA	NIHAL SINGH	S-NPP	30.66551	75.34034	12:40:12	D	6.40
1234	MOGA	NIHAL SINGH	S-NPP	30.66741	75.32323	12:40:12	D	4.10
1235	MOGA	NIHAL SINGH	S-NPP	30.66794	75.36296	14:20:29	D	5.80
1236	MOGA	NIHAL SINGH	S-NPP	30.69464	75.28085	12:40:12	D	9.40
1237	MOGA	NIHAL SINGH	S-NPP	30.69564	75.27929	12:40:12	D	8.80
1238	MOGA	NIHAL SINGH	AQUA	30.55800	75.23800	13:53:46	D	44.70
1239	MOGA	NIHAL SINGH	AQUA	30.56000	75.24800	13:53:46	D	11.00
1240	MOGA	NIHAL SINGH	AQUA	30.60600	75.31300	13:53:46	D	11.00
1241	MOGA	NIHAL SINGH	AQUA	30.65100	75.23400	13:53:46	D	13.60
1242	MOGA	NIHAL SINGH	AQUA	30.69700	75.23600	13:53:46	D	11.70
1243	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.13999	74.58226	12:40:12	D	5.70
1244	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.18298	74.59869	14:20:29	D	8.70
1245	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.19793	74.62388	12:40:12	D	21.60
1246	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.19942	74.62952	12:40:12	D	20.40
1247	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.20064	74.61976	12:40:12	D	17.00
1248	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.20216	74.62538	12:40:12	D	17.00
1249	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.24514	74.53619	12:40:12	D	12.90
1250	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.24666	74.54189	12:40:12	D	12.40

1251	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.25710	74.63086	12:40:12	D	10.10
1252	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.26943	74.58755	14:20:29	D	5.80
1253	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.27714	74.58077	12:40:12	D	14.80
1254	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.27900	74.57692	12:40:12	D	14.60
1255	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.28053	74.58257	12:40:12	D	27.50
1256	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.28325	74.57863	12:40:12	D	14.80
1257	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.31531	74.57349	12:40:12	D	5.00
1258	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.32624	74.65251	12:40:12	D	2.80
1259	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.32630	74.62806	12:40:12	D	10.80
1260	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.32867	74.62418	12:40:12	D	6.80
1261	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.33585	74.67670	12:40:12	D	13.50
1262	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.33834	74.67264	12:40:12	D	12.80
1263	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.33984	74.67820	12:40:12	D	12.80
1264	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.34046	74.66898	12:40:12	D	9.10
1265	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.34193	74.67457	12:40:12	D	9.10
1266	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.34442	74.67054	12:40:12	D	9.30
1267	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.35191	74.77666	14:20:29	D	2.20
1268	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.35387	74.62832	14:20:29	D	6.80
1269	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.37545	74.78586	14:20:29	D	3.20
1270	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.38504	74.72292	12:40:12	D	7.80
1271	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.39290	74.67786	12:40:12	D	7.80
1272	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.39484	74.61022	12:40:12	D	8.70
1273	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.39798	74.60601	12:40:12	D	5.40
1274	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.40449	74.74625	12:40:12	D	3.60
1275	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.41161	74.65608	12:40:12	D	5.80
1276	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.42035	74.67205	14:20:29	D	9.20
1277	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.42085	74.67415	14:20:29	D	7.30
1278	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.43265	74.70915	12:40:12	D	5.30
1279	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.43414	74.71465	12:40:12	D	8.90
1280	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.43495	74.71148	12:40:12	D	5.10
1281	MUKTSAR	KOT BHAI AT GIDDERBAHA	S-NPP	30.47075	74.65364	12:40:12	D	4.10
1282	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.18600	74.59000	13:53:46	D	13.40
1283	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.28500	74.57500	13:53:46	D	12.70

1284	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.28700	74.58600	13:53:46	D	9.40
1285	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.31200	74.57000	13:53:46	D	14.20
1286	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.36700	74.56300	13:53:46	D	13.00
1287	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.38000	74.77200	13:53:46	D	14.10
1288	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.42000	74.66900	13:53:46	D	12.60
1289	MUKTSAR	KOT BHAI AT GIDDERBAHA	AQUA	30.42800	74.66700	13:53:46	D	17.70
1290	MUKTSAR	LAMBI	S-NPP	29.97543	74.46284	14:20:29	D	10.20
1291	MUKTSAR	LAMBI	S-NPP	29.99048	74.65936	12:40:12	D	6.50
1292	MUKTSAR	LAMBI	S-NPP	29.99418	74.66122	12:40:12	D	10.20
1293	MUKTSAR	LAMBI	S-NPP	29.99723	74.69733	14:20:29	D	7.30
1294	MUKTSAR	LAMBI	S-NPP	30.02323	74.47010	14:20:29	D	9.80
1295	MUKTSAR	LAMBI	S-NPP	30.02353	74.47456	14:20:29	D	9.80
1296	MUKTSAR	LAMBI	S-NPP	30.02894	74.46963	14:20:29	D	9.80
1297	MUKTSAR	LAMBI	S-NPP	30.02924	74.47409	14:20:29	D	9.80
1298	MUKTSAR	LAMBI	S-NPP	30.03356	74.41802	12:40:12	D	7.70
1299	MUKTSAR	LAMBI	S-NPP	30.03467	74.41746	12:40:12	D	5.70
1300	MUKTSAR	LAMBI	S-NPP	30.04289	74.59505	14:20:29	D	7.40
1301	MUKTSAR	LAMBI	S-NPP	30.05449	74.42281	14:20:29	D	14.70
1302	MUKTSAR	LAMBI	S-NPP	30.06145	74.42096	12:40:12	D	9.00
1303	MUKTSAR	LAMBI	S-NPP	30.06264	74.42047	12:40:12	D	7.70
1304	MUKTSAR	LAMBI	S-NPP	30.06984	74.56552	14:20:29	D	6.60
1305	MUKTSAR	LAMBI	S-NPP	30.08936	74.61848	12:40:12	D	4.00
1306	MUKTSAR	LAMBI	AQUA	30.07000	74.67900	13:53:46	D	14.20
1307	MUKTSAR	LAMBI	AQUA	30.07400	74.52400	13:53:46	D	12.30
1308	MUKTSAR	LAMBI	AQUA	30.07700	74.54400	13:53:46	D	11.80
1309	MUKTSAR	LAMBI	AQUA	30.12800	74.57700	13:53:46	D	12.00
1310	MUKTSAR	MALOUT	S-NPP	30.16271	74.55461	14:20:29	D	8.20
1311	MUKTSAR	MALOUT	S-NPP	30.16486	74.50005	14:20:29	D	7.80
1312	MUKTSAR	MALOUT	S-NPP	30.20501	74.38673	12:40:12	D	7.00
1313	MUKTSAR	MALOUT	S-NPP	30.22564	74.46354	14:20:29	D	10.30
1314	MUKTSAR	MALOUT	S-NPP	30.22627	74.47250	14:20:29	D	4.90
1315	MUKTSAR	MALOUT	S-NPP	30.22737	74.47266	14:20:29	D	5.40
1316	MUKTSAR	MALOUT	S-NPP	30.33719	74.39423	12:40:12	D	5.20

1317	MUKTSAR	MALOUT	S-NPP	30.33911	74.39062	12:40:12	D	10.50
1318	MUKTSAR	MALOUT	S-NPP	30.36243	74.42651	12:40:12	D	5.50
1319	MUKTSAR	MALOUT	S-NPP	30.36816	74.40376	14:20:29	D	5.60
1320	MUKTSAR	MALOUT	S-NPP	30.38253	74.45081	12:40:12	D	5.80
1321	MUKTSAR	MALOUT	S-NPP	30.38315	74.49085	12:40:12	D	18.00
1322	MUKTSAR	MUKTSAR	S-NPP	30.36643	74.42803	12:40:12	D	8.80
1323	MUKTSAR	MUKTSAR	S-NPP	30.38077	74.42068	14:20:29	D	8.00
1324	MUKTSAR	MUKTSAR	S-NPP	30.38107	74.42514	14:20:29	D	10.20
1325	MUKTSAR	MUKTSAR	S-NPP	30.38109	74.49487	12:40:12	D	14.60
1326	MUKTSAR	MUKTSAR	S-NPP	30.38466	74.49653	12:40:12	D	19.00
1327	MUKTSAR	MUKTSAR	S-NPP	30.38722	74.49274	12:40:12	D	14.60
1328	MUKTSAR	MUKTSAR	S-NPP	30.44764	74.54935	14:20:29	D	2.90
1329	MUKTSAR	MUKTSAR	S-NPP	30.45741	74.57915	12:40:12	D	8.60
1330	MUKTSAR	MUKTSAR	S-NPP	30.46350	74.57703	12:40:12	D	8.60
1331	MUKTSAR	MUKTSAR	S-NPP	30.46442	74.70412	12:40:12	D	6.00
1332	MUKTSAR	MUKTSAR	S-NPP	30.46574	74.73365	12:40:12	D	5.70
1333	MUKTSAR	MUKTSAR	S-NPP	30.46640	74.73048	12:40:12	D	6.40
1334	MUKTSAR	MUKTSAR	S-NPP	30.46681	74.48960	12:40:12	D	7.10
1335	MUKTSAR	MUKTSAR	S-NPP	30.49832	74.57037	12:40:12	D	13.40
1336	MUKTSAR	MUKTSAR	S-NPP	30.50137	74.55707	12:40:12	D	9.30
1337	MUKTSAR	MUKTSAR	S-NPP	30.50153	74.56975	12:40:12	D	6.50
1338	MUKTSAR	MUKTSAR	S-NPP	30.50302	74.57534	12:40:12	D	6.50
1339	MUKTSAR	MUKTSAR	S-NPP	30.50464	74.55638	12:40:12	D	14.10
1340	MUKTSAR	MUKTSAR	S-NPP	30.50898	74.56051	12:40:12	D	8.30
1341	MUKTSAR	MUKTSAR	S-NPP	30.51156	74.65746	12:40:12	D	2.50
1342	MUKTSAR	MUKTSAR	S-NPP	30.51619	74.62246	14:20:29	D	10.60
1343	MUKTSAR	MUKTSAR	S-NPP	30.51649	74.62709	14:20:29	D	10.70
1344	MUKTSAR	MUKTSAR	S-NPP	30.54273	74.50058	14:20:29	D	4.90
1345	MUKTSAR	MUKTSAR	S-NPP	30.54304	74.50512	14:20:29	D	7.70
1346	MUKTSAR	MUKTSAR	S-NPP	30.54396	74.50142	14:20:29	D	7.10
1347	MUKTSAR	MUKTSAR	S-NPP	30.55023	74.44103	12:40:12	D	5.20
1348	MUKTSAR	MUKTSAR	S-NPP	30.55251	74.63696	12:40:12	D	7.90
1349	MUKTSAR	MUKTSAR	S-NPP	30.55583	74.63527	12:40:12	D	6.00

1350	MUKTSAR	MUKTSAR	S-NPP	30.56743	74.41759	14:20:29	D	9.80
1351	MUKTSAR	MUKTSAR	S-NPP	30.56961	74.40027	12:40:12	D	14.10
1352	MUKTSAR	MUKTSAR	S-NPP	30.57117	74.40594	12:40:12	D	16.40
1353	MUKTSAR	MUKTSAR	S-NPP	30.57321	74.40167	12:40:12	D	14.50
1354	MUKTSAR	MUKTSAR	S-NPP	30.58203	74.53475	12:40:12	D	5.40
1355	MUKTSAR	MUKTSAR	S-NPP	30.58302	74.63777	12:40:12	D	7.30
1356	MUKTSAR	MUKTSAR	S-NPP	30.58451	74.64329	12:40:12	D	20.10
1357	MUKTSAR	MUKTSAR	S-NPP	30.58746	74.65432	12:40:12	D	10.20
1358	MUKTSAR	MUKTSAR	S-NPP	30.58893	74.65982	12:40:12	D	10.20
1359	MUKTSAR	MUKTSAR	AQUA	30.52400	74.63100	13:53:46	D	11.20
1360	MUKTSAR	MUKTSAR	AQUA	30.56700	74.42400	13:53:46	D	31.50
1361	MUKTSAR	MUKTSAR	AQUA	30.58300	74.59200	13:53:46	D	12.30
1362	MUKTSAR	MUKTSAR	AQUA	30.60700	74.50600	13:53:46	D	10.80
1363	PATHANKOT	BAMIAL	S-NPP	32.31168	75.39166	12:40:12	D	10.30
1364	PATHANKOT	GHAROTA	S-NPP	32.17105	75.55146	14:20:29	D	3.90
1365	PATHANKOT	SUJANPUR	S-NPP	32.31694	75.62635	12:40:12	D	5.30
1366	PATHANKOT	SUJANPUR	S-NPP	32.33832	75.59551	14:20:29	D	6.60
1367	PATIALA	BHUNARHERI	S-NPP	30.11458	76.50684	14:20:29	D	5.80
1368	PATIALA	BHUNARHERI	S-NPP	30.11584	76.49744	12:40:12	D	5.20
1369	PATIALA	BHUNARHERI	S-NPP	30.28131	76.61341	12:40:12	D	7.40
1370	PATIALA	BHUNARHERI	AQUA	30.11700	76.48700	13:53:46	D	17.40
1371	PATIALA	BHUNARHERI	AQUA	30.11900	76.49700	13:53:46	D	10.60
1372	PATIALA	BHUNARHERI	AQUA	30.12300	76.46400	13:53:46	D	12.90
1373	PATIALA	BHUNARHERI	AQUA	30.20000	76.62800	13:53:46	D	8.70
1374	PATIALA	GHANAUR	S-NPP	30.33644	76.66435	14:20:29	D	3.70
1375	PATIALA	GHANAUR	S-NPP	30.38131	76.52149	14:20:29	D	9.00
1376	PATIALA	GHANAUR	S-NPP	30.38161	76.52752	14:20:29	D	9.00
1377	PATIALA	GHANAUR	AQUA	30.33400	76.66200	13:53:46	D	12.20
1378	PATIALA	GHANAUR	AQUA	30.37300	76.61700	13:53:46	D	24.30
1379	PATIALA	NABHA	S-NPP	30.36804	76.11258	12:40:12	D	4.90
1380	PATIALA	NABHA	S-NPP	30.37734	76.08285	14:20:29	D	6.60
1381	PATIALA	NABHA	S-NPP	30.40644	76.09484	12:40:12	D	11.60
1382	PATIALA	NABHA	S-NPP	30.43355	76.08083	12:40:12	D	3.70

1383	PATIALA	NABHA	S-NPP	30.49637	76.25751	12:40:12	D	2.60
1384	PATIALA	NABHA	S-NPP	30.53583	76.21901	14:20:29	D	8.00
1385	PATIALA	NABHA	S-NPP	30.54000	76.21973	14:20:29	D	7.90
1386	PATIALA	NABHA	AQUA	30.43300	76.30700	13:53:46	D	15.00
1387	PATIALA	NABHA	AQUA	30.44100	76.29500	13:53:46	D	31.50
1388	PATIALA	NABHA	AQUA	30.45000	76.29400	13:53:46	D	14.80
1389	PATIALA	PATIALA	S-NPP	30.33479	76.31992	12:40:12	D	7.20
1390	PATIALA	PATIALA	S-NPP	30.36613	76.34953	14:20:29	D	7.30
1391	PATIALA	PATIALA	S-NPP	30.37058	76.29352	12:40:12	D	5.40
1392	PATIALA	PATIALA	S-NPP	30.38512	76.27896	12:40:12	D	7.40
1393	PATIALA	PATIALA	S-NPP	30.40080	76.48553	12:40:12	D	8.80
1394	PATIALA	PATIALA	S-NPP	30.40087	76.31760	12:40:12	D	8.20
1395	PATIALA	PATIALA	S-NPP	30.42186	76.47385	12:40:12	D	6.80
1396	PATIALA	PATIALA	S-NPP	30.43034	76.31414	14:20:29	D	7.10
1397	PATIALA	PATIALA	S-NPP	30.43759	76.39227	12:40:12	D	4.10
1398	PATIALA	PATIALA	S-NPP	30.43973	76.39214	12:40:12	D	4.90
1399	PATIALA	PATRAN	S-NPP	29.85446	76.23843	12:40:12	D	4.30
1400	PATIALA	PATRAN	S-NPP	29.85696	76.15172	12:40:12	D	4.60
1401	PATIALA	PATRAN	S-NPP	29.91759	76.10468	14:20:29	D	6.40
1402	PATIALA	PATRAN	S-NPP	30.01476	76.02829	12:40:12	D	6.70
1403	PATIALA	PATRAN	S-NPP	30.01598	76.03301	12:40:12	D	6.70
1404	PATIALA	PATRAN	S-NPP	30.01691	76.02879	12:40:12	D	10.60
1405	PATIALA	PATRAN	AQUA	30.04900	76.06200	13:53:46	D	11.10
1406	PATIALA	RAJPURA	S-NPP	30.51322	76.74638	12:40:12	D	9.60
1407	PATIALA	RAJPURA	S-NPP	30.55667	76.73701	12:40:12	D	5.70
1408	PATIALA	RAJPURA	S-NPP	30.58958	76.65942	14:20:29	D	10.10
1409	PATIALA	RAJPURA	AQUA	30.53600	76.53100	13:53:46	D	13.80
1410	PATIALA	SAMANA	S-NPP	30.01123	76.20056	14:20:29	D	7.60
1411	PATIALA	SAMANA	S-NPP	30.01436	76.19827	14:20:29	D	9.70
1412	PATIALA	SAMANA	S-NPP	30.04172	76.15665	12:40:12	D	6.80
1413	PATIALA	SAMANA	S-NPP	30.04309	76.15753	12:40:12	D	6.20
1414	PATIALA	SAMANA	S-NPP	30.07558	76.24052	12:40:12	D	3.90
1415	PATIALA	SAMANA	S-NPP	30.23776	76.24394	14:20:29	D	3.60



1416	PATIALA	SAMANA	AQUA	30.09100	76.16100	13:53:46	D	38.40
1417	PATIALA	SAMANA	AQUA	30.09200	76.17100	13:53:46	D	66.80
1418	PATIALA	SAMANA	AQUA	30.14200	76.13500	13:53:46	D	10.40
1419	PATIALA	SANAUR	S-NPP	30.29592	76.48110	12:40:12	D	4.40
1420	PATIALA	SANAUR	AQUA	30.27100	76.46800	13:53:46	D	13.40
1421	PATIALA	SHAMBU KALAN	S-NPP	30.42654	76.68295	12:40:12	D	3.30
1422	PATIALA	SHAMBU KALAN	S-NPP	30.51579	76.64487	12:40:12	D	4.80
1423	PATIALA	SHAMBU KALAN	S-NPP	30.51617	76.61508	14:20:29	D	9.10
1424	PATIALA	SHAMBU KALAN	S-NPP	30.51648	76.62118	14:20:29	D	9.10
1425	RUPNAGAR	CHAMKAUR SAHIB	S-NPP	30.84485	76.41045	14:20:29	D	6.40
1426	SANGRUR	ANDANA	S-NPP	29.84442	75.98096	12:40:12	D	3.50
1427	SANGRUR	BHAWANIGARH	S-NPP	30.25325	76.04924	12:40:12	D	5.00
1428	SANGRUR	BHAWANIGARH	S-NPP	30.26361	76.11001	12:40:12	D	3.10
1429	SANGRUR	BHAWANIGARH	S-NPP	30.27709	76.03608	14:20:29	D	4.10
1430	SANGRUR	BHAWANIGARH	S-NPP	30.28319	75.97308	12:40:12	D	6.40
1431	SANGRUR	BHAWANIGARH	AQUA	30.16300	76.02500	13:53:46	D	13.70
1432	SANGRUR	DHURI	S-NPP	30.34542	75.84497	14:20:29	D	4.30
1433	SANGRUR	DHURI	S-NPP	30.34724	75.87783	14:20:29	D	14.40
1434	SANGRUR	DHURI	S-NPP	30.35585	75.80028	12:40:12	D	4.00
1435	SANGRUR	DHURI	AQUA	30.30400	75.78500	13:53:46	D	11.60
1436	SANGRUR	DHURI	AQUA	30.37000	75.91400	13:53:46	D	13.70
1437	SANGRUR	DIRBA	S-NPP	29.96926	75.98788	12:40:12	D	10.60
1438	SANGRUR	DIRBA	S-NPP	29.97889	75.92754	12:40:12	D	5.20
1439	SANGRUR	DIRBA	S-NPP	30.00930	75.98482	14:20:29	D	16.30
1440	SANGRUR	DIRBA	S-NPP	30.00960	75.99033	14:20:29	D	22.80
1441	SANGRUR	DIRBA	S-NPP	30.01115	75.98697	14:20:29	D	28.60
1442	SANGRUR	DIRBA	S-NPP	30.05819	76.07640	14:20:29	D	4.90
1443	SANGRUR	DIRBA	S-NPP	30.09369	75.99700	12:40:12	D	8.00
1444	SANGRUR	LEHRA GAGA	S-NPP	29.98185	75.88988	12:40:12	D	5.50
1445	SANGRUR	LEHRA GAGA	S-NPP	29.98664	75.87156	12:40:12	D	9.40
1446	SANGRUR	LEHRA GAGA	S-NPP	29.98972	75.87148	12:40:12	D	6.80
1447	SANGRUR	MALERKOTLA-1	S-NPP	30.41870	75.94936	12:40:12	D	7.70
1448	SANGRUR	MALERKOTLA-1	S-NPP	30.42713	75.93977	12:40:12	D	9.30

1449	SANGRUR	MALERKOTLA-1	S-NPP	30.42889	75.94083	12:40:12	D	7.90
1450	SANGRUR	MALERKOTLA-1	S-NPP	30.42918	75.92378	12:40:12	D	2.20
1451	SANGRUR	MALERKOTLA-1	S-NPP	30.50760	75.98180	14:20:29	D	9.90
1452	SANGRUR	MALERKOTLA-1	S-NPP	30.51118	75.98047	14:20:29	D	15.20
1453	SANGRUR	MALERKOTLA-1	S-NPP	30.51146	75.98608	14:20:29	D	8.70
1454	SANGRUR	MALERKOTLA-1	S-NPP	30.51193	75.94793	14:20:29	D	5.20
1455	SANGRUR	MALERKOTLA-1	S-NPP	30.52612	76.01304	12:40:12	D	2.80
1456	SANGRUR	MALERKOTLA-1	S-NPP	30.53669	76.05466	12:40:12	D	4.10
1457	SANGRUR	MALERKOTLA-1	S-NPP	30.54583	76.06658	12:40:12	D	4.70
1458	SANGRUR	MALERKOTLA-1	S-NPP	30.57901	75.95913	14:20:29	D	12.10
1459	SANGRUR	MALERKOTLA-1	S-NPP	30.58024	75.98152	14:20:29	D	3.90
1460	SANGRUR	MALERKOTLA-1	S-NPP	30.58557	75.96433	14:20:29	D	12.10
1461	SANGRUR	MALERKOTLA-1	AQUA	30.50700	75.97800	13:53:46	D	10.40
1462	SANGRUR	MALERKOTLA-2	S-NPP	30.49106	75.83165	14:20:29	D	6.10
1463	SANGRUR	MALERKOTLA-2	S-NPP	30.56161	75.76706	12:40:12	D	9.10
1464	SANGRUR	MALERKOTLA-2	S-NPP	30.60367	75.90711	12:40:12	D	20.10
1465	SANGRUR	MALERKOTLA-2	S-NPP	30.60487	75.91179	12:40:12	D	18.40
1466	SANGRUR	MALERKOTLA-2	S-NPP	30.60827	75.76297	12:40:12	D	5.70
1467	SANGRUR	MALERKOTLA-2	S-NPP	30.60986	75.76112	12:40:12	D	10.10
1468	SANGRUR	MALERKOTLA-2	S-NPP	30.62615	75.81993	14:20:29	D	4.70
1469	SANGRUR	MALERKOTLA-2	S-NPP	30.62744	75.82259	14:20:29	D	7.30
1470	SANGRUR	MALERKOTLA-2	AQUA	30.57600	75.68300	13:53:46	D	19.20
1471	SANGRUR	SANGRUR	S-NPP	30.15854	75.58475	14:20:29	D	15.80
1472	SANGRUR	SANGRUR	S-NPP	30.15935	75.58736	14:20:29	D	11.00
1473	SANGRUR	SHER PUR	S-NPP	30.31793	75.75014	12:40:12	D	5.90
1474	SANGRUR	SHER PUR	S-NPP	30.37883	75.75437	12:40:12	D	8.30
1475	SANGRUR	SHER PUR	S-NPP	30.45197	75.69823	12:40:12	D	4.30
1476	SANGRUR	SHER PUR	AQUA	30.30200	75.70200	13:53:46	D	7.90
1477	SANGRUR	SHER PUR	AQUA	30.48900	75.79100	13:53:46	D	7.80
1478	SANGRUR	SUNAM	S-NPP	30.05523	75.80654	14:20:29	D	3.90
1479	SANGRUR	SUNAM	S-NPP	30.05854	75.75787	14:20:29	D	5.00
1480	SANGRUR	SUNAM	AQUA	30.06300	75.90200	13:53:46	D	11.70
1481	SBS NAGAR	BANGA	S-NPP	31.18537	76.05067	12:40:12	D	5.30

1482	SBS NAGAR	BANGA	S-NPP	31.19637	75.85097	12:40:12	D	7.30
1483	SBS NAGAR	BANGA	S-NPP	31.19650	75.85468	12:40:12	D	15.20
1484	SBS NAGAR	BANGA	S-NPP	31.19755	75.85555	12:40:12	D	7.30
1485	SBS NAGAR	BANGA	S-NPP	31.20375	75.80849	12:40:12	D	5.80
1486	SBS NAGAR	BANGA	S-NPP	31.20674	75.87109	12:40:12	D	9.40
1487	SBS NAGAR	BANGA	S-NPP	31.20789	75.87192	12:40:12	D	11.60
1488	SBS NAGAR	BANGA	S-NPP	31.20874	76.04752	12:40:12	D	7.50
1489	SBS NAGAR	BANGA	S-NPP	31.20987	76.05198	12:40:12	D	12.60
1490	SBS NAGAR	BANGA	S-NPP	31.22428	76.05286	12:40:12	D	17.90
1491	SBS NAGAR	BANGA	S-NPP	31.22766	76.05076	12:40:12	D	23.80
1492	SBS NAGAR	NAWAN SHAHR	S-NPP	31.04169	76.10827	12:40:12	D	4.90
1493	SBS NAGAR	NAWAN SHAHR	S-NPP	31.06342	76.21661	12:40:12	D	1.70
1494	SBS NAGAR	NAWAN SHAHR	S-NPP	31.10076	76.10299	12:40:12	D	3.80
1495	SBS NAGAR	SAROYA	S-NPP	31.10233	76.27514	12:40:12	D	4.90
1496	TARN TARAN	BHIKHIWIND	S-NPP	31.27734	74.70592	14:20:29	D	3.70
1497	TARN TARAN	BHIKHIWIND	AQUA	31.26300	74.63500	13:53:46	D	13.20
1498	TARN TARAN	BHIKHIWIND	AQUA	31.27400	74.70700	13:53:46	D	21.80
1499	TARN TARAN	CHOHLA SAHIB	S-NPP	31.18921	74.96504	12:40:12	D	8.50
1500	TARN TARAN	CHOHLA SAHIB	S-NPP	31.19055	74.97018	12:40:12	D	8.50
1501	TARN TARAN	CHOHLA SAHIB	S-NPP	31.21648	74.98881	12:40:12	D	12.70
1502	TARN TARAN	CHOHLA SAHIB	S-NPP	31.21784	74.99393	12:40:12	D	16.70
1503	TARN TARAN	CHOHLA SAHIB	S-NPP	31.22326	75.01437	12:40:12	D	13.10
1504	TARN TARAN	CHOHLA SAHIB	S-NPP	31.22462	75.01947	12:40:12	D	13.10
1505	TARN TARAN	CHOHLA SAHIB	S-NPP	31.22597	75.02458	12:40:12	D	20.30
1506	TARN TARAN	CHOHLA SAHIB	S-NPP	31.22789	75.03882	14:20:29	D	12.90
1507	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23047	75.01743	12:40:12	D	13.10
1508	TARN TARAN	CHOHLA SAHIB	S-NPP	31.23767	75.02048	12:40:12	D	4.80
1509	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24021	74.94277	14:20:29	D	4.70
1510	TARN TARAN	CHOHLA SAHIB	S-NPP	31.24353	75.01841	12:40:12	D	4.80
1511	TARN TARAN	CHOHLA SAHIB	S-NPP	31.25759	74.90118	12:40:12	D	3.00
1512	TARN TARAN	CHOHLA SAHIB	S-NPP	31.26926	74.93072	14:20:29	D	4.30
1513	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27011	74.99789	12:40:12	D	5.80
1514	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27773	75.03156	14:20:29	D	13.20

1515	TARN TARAN	CHOHLA SAHIB	S-NPP	31.27936	75.06180	14:20:29	D	4.30
1516	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28126	75.02991	14:20:29	D	10.50
1517	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28157	75.03493	14:20:29	D	10.20
1518	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28718	74.98556	14:20:29	D	8.20
1519	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28720	75.03271	12:40:12	D	3.10
1520	TARN TARAN	CHOHLA SAHIB	S-NPP	31.28745	74.99056	14:20:29	D	8.20
1521	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29042	74.98403	14:20:29	D	7.30
1522	TARN TARAN	CHOHLA SAHIB	S-NPP	31.29073	74.98902	14:20:29	D	7.30
1523	TARN TARAN	CHOHLA SAHIB	S-NPP	31.30047	75.00970	14:20:29	D	6.10
1524	TARN TARAN	CHOHLA SAHIB	S-NPP	31.30075	75.01472	14:20:29	D	7.90
1525	TARN TARAN	CHOHLA SAHIB	S-NPP	31.30418	75.01318	14:20:29	D	7.50
1526	TARN TARAN	CHOHLA SAHIB	S-NPP	31.31008	75.07491	14:20:29	D	3.70
1527	TARN TARAN	CHOHLA SAHIB	S-NPP	31.32744	75.06333	14:20:29	D	3.60
1528	TARN TARAN	CHOHLA SAHIB	S-NPP	31.33709	75.02213	14:20:29	D	3.00
1529	TARN TARAN	CHOHLA SAHIB	S-NPP	31.37467	75.04977	14:20:29	D	3.20
1530	TARN TARAN	CHOHLA SAHIB	S-NPP	31.37646	75.05668	12:40:12	D	4.40
1531	TARN TARAN	GANDI WIND TATLA	S-NPP	31.48523	74.75350	12:40:12	D	6.10
1532	TARN TARAN	KHADUR SAHIB	S-NPP	31.43683	75.16648	12:40:12	D	3.90
1533	TARN TARAN	KHADUR SAHIB	S-NPP	31.46561	75.02206	12:40:12	D	7.70
1534	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.34305	75.02171	14:20:29	D	3.00
1535	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.35680	74.95040	14:20:29	D	12.90
1536	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.36748	74.91765	12:40:12	D	5.30
1537	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.40362	74.98161	14:20:29	D	2.40
1538	TARN TARAN	NAUSHERA PANNUAN	S-NPP	31.40650	74.98198	14:20:29	D	1.70
1539	TARN TARAN	PATTI	S-NPP	31.19474	74.87686	14:20:29	D	5.60
1540	TARN TARAN	PATTI	S-NPP	31.20674	74.77808	14:20:29	D	3.20
1541	TARN TARAN	PATTI	S-NPP	31.22341	74.85994	14:20:29	D	6.70
1542	TARN TARAN	PATTI	S-NPP	31.23464	74.84933	14:20:29	D	7.30
1543	TARN TARAN	PATTI	S-NPP	31.24940	74.89746	14:20:29	D	8.00
1544	TARN TARAN	PATTI	S-NPP	31.25962	74.77409	14:20:29	D	3.50
1545	TARN TARAN	PATTI	AQUA	31.22500	74.81300	13:53:46	D	17.20
1546	TARN TARAN	TARN TARAN	S-NPP	31.37869	74.82071	12:40:12	D	4.50
1547	TARN TARAN	TARN TARAN	S-NPP	31.41600	74.81026	12:40:12	D	12.30

1548	TARN TARAN	TARN TARAN	S-NPP	31.45264	74.77647	12:40:12	D	2.40
1549	TARN TARAN	TARN TARAN	S-NPP	31.45792	74.82001	12:40:12	D	3.00
1550	TARN TARAN	TARN TARAN	S-NPP	31.46403	74.82153	12:40:12	D	3.30
1551	TARN TARAN	TARN TARAN	S-NPP	31.46539	74.82669	12:40:12	D	3.30
1552	TARN TARAN	TARN TARAN	S-NPP	31.50723	75.00361	12:40:12	D	2.60
1553	TARN TARAN	VALTOHA	S-NPP	31.15181	74.55001	12:40:12	D	5.20
1554	TARN TARAN	VALTOHA	AQUA	31.20200	74.53000	13:53:46	D	14.90

### Details of residue burning events in Haryana on 11-May-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	AMBALA	AMBALA-II	S-NPP	30.30170	76.68513	12:40:12	D	5.60
2	AMBALA	AMBALA-II	S-NPP	30.30672	76.72978	12:40:12	D	7.30
3	AMBALA	AMBALA-II	S-NPP	30.30959	76.70190	12:40:12	D	13.40
4	AMBALA	AMBALA-II	S-NPP	30.31140	76.70051	12:40:12	D	14.00
5	AMBALA	AMBALA-II	AQUA	30.21600	76.67900	13:53:46	D	12.50
6	AMBALA	AMBALA-II	AQUA	30.24600	76.76100	13:53:46	D	10.10
7	AMBALA	AMBALA-II	AQUA	30.26300	76.68200	13:53:46	D	11.20
8	AMBALA	AMBALA-II	AQUA	30.26400	76.69200	13:53:46	D	13.20
9	AMBALA	AMBALA-II	AQUA	30.31100	76.69900	13:53:46	D	12.30
10	AMBALA	BARARA	S-NPP	30.22410	77.00774	12:40:12	D	5.30
11	AMBALA	NARAINGARH	S-NPP	30.45675	77.12927	12:40:12	D	4.40
12	BHIWANI	BHIWANI	S-NPP	28.89378	76.21019	12:40:12	D	7.90
13	BHIWANI	BHIWANI	S-NPP	29.04664	76.18291	12:40:12	D	5.00
14	FARIDABAD	BALLABGARH	S-NPP	28.24019	77.46282	12:40:12	D	4.40
15	FARIDABAD	BALLABGARH	AQUA	28.23400	77.46200	13:53:46	D	11.60
16	FARIDABAD	FARIDABAD	S-NPP	28.40150	77.46606	12:40:12	D	5.40
17	FARIDABAD	FARIDABAD	S-NPP	28.40473	77.46709	12:40:12	D	8.80
18	FARIDABAD	FARIDABAD	S-NPP	28.40804	77.46858	12:40:12	D	3.70
19	FATEHABAD	FATEHABAD	AQUA	29.56700	75.33000	13:53:46	D	15.70
20	FATEHABAD	FATEHABAD	AQUA	29.58800	75.34700	13:53:46	D	15.50
21	FATEHABAD	FATEHABAD	AQUA	29.58900	75.35700	13:53:46	D	10.80
22	FATEHABAD	RATIA	S-NPP	29.66504	75.55730	14:20:29	D	5.90
23	FATEHABAD	RATIA	S-NPP	29.66587	75.55841	14:20:29	D	7.10
24	FATEHABAD	RATIA	S-NPP	29.72371	75.53683	12:40:12	D	7.30
25	FATEHABAD	RATIA	S-NPP	29.73141	75.46725	12:40:12	D	9.70
26	FATEHABAD	RATIA	S-NPP	29.73733	75.46524	12:40:12	D	7.40
27	FATEHABAD	TOHANA	S-NPP	29.68599	75.91173	14:20:29	D	5.70
28	FATEHABAD	TOHANA	S-NPP	29.68734	75.91005	14:20:29	D	2.70
29	HISAR	BARWALA	S-NPP	29.26576	75.75880	14:20:29	D	9.20

30	HISAR	BARWALA	S-NPP	29.26581	75.76012	14:20:29	D	13.00
31	HISAR	HANSI-I	S-NPP	29.12291	76.07291	12:40:12	D	4.50
32	HISAR	HANSI-I	S-NPP	29.12711	76.03957	12:40:12	D	5.20
33	HISAR	HANSI-II	S-NPP	29.07835	76.20927	12:40:12	D	6.90
34	HISAR	HANSI-II	S-NPP	29.08168	76.20741	12:40:12	D	14.60
35	HISAR	HANSI-II	S-NPP	29.08414	76.20738	12:40:12	D	10.80
36	HISAR	HANSI-II	S-NPP	29.13585	76.25491	14:20:29	D	9.90
37	HISAR	NARNAUND	S-NPP	29.18298	76.15010	12:40:12	D	5.20
38	HISAR	UKLANA	S-NPP	29.46086	75.84009	14:20:29	D	12.50
39	JHAJJAR	BAHADURGARH	S-NPP	28.74049	76.95611	01:30:12	N	0.30
40	JHAJJAR	BAHADURGARH	S-NPP	28.74125	76.95568	01:30:12	N	0.30
41	JIND	JULANA	S-NPP	29.08403	76.33179	12:40:12	D	6.60
42	JIND	JULANA	S-NPP	29.13287	76.30994	12:40:12	D	7.50
43	JIND	JULANA	AQUA	29.18200	76.31600	13:53:46	D	21.70
44	JIND	NARWANA	S-NPP	29.62189	76.11909	12:40:12	D	6.00
45	JIND	NARWANA	S-NPP	29.65154	76.18639	12:40:12	D	4.30
46	JIND	NARWANA	S-NPP	29.73315	76.14561	12:40:12	D	3.70
47	JIND	NARWANA	S-NPP	29.73503	76.14869	12:40:12	D	6.30
48	JIND	NARWANA	S-NPP	29.74865	76.02797	14:20:29	D	5.30
49	JIND	NARWANA	AQUA	29.76300	76.12400	13:53:46	D	10.00
50	JIND	NARWANA	AQUA	29.76400	76.13500	13:53:46	D	5.70
51	JIND	PILLUKHERA	S-NPP	29.25059	76.53552	12:40:12	D	7.10
52	JIND	PILLUKHERA	S-NPP	29.26950	76.51237	14:20:29	D	3.60
53	JIND	SAFIDON	S-NPP	29.37876	76.63500	14:20:29	D	4.40
54	JIND	SAFIDON	AQUA	29.43800	76.70200	13:53:46	D	9.20
55	JIND	UCHANA	AQUA	29.49700	76.12900	13:53:46	D	9.30
56	KAITHAL	GUHLA	S-NPP	29.96748	76.34573	12:40:12	D	10.30
57	KAITHAL	GUHLA	S-NPP	30.01689	76.37148	14:20:29	D	5.90
58	KAITHAL	GUHLA	S-NPP	30.12649	76.22383	12:40:12	D	5.40
59	KAITHAL	GUHLA	S-NPP	30.12765	76.22842	12:40:12	D	5.40
60	KAITHAL	KAITHAL	S-NPP	29.74008	76.44395	14:20:29	D	4.30
61	KAITHAL	KAITHAL	AQUA	29.74300	76.44100	13:53:46	D	11.10
62	KAITHAL	KALAYAT	S-NPP	29.63219	76.30409	12:40:12	D	5.50

63	KAITHAL	KALAYAT	S-NPP	29.63319	76.30302	12:40:12	D	9.10
64	KAITHAL	KALAYAT	S-NPP	29.65756	76.33094	12:40:12	D	3.10
65	KAITHAL	KALAYAT	S-NPP	29.65835	76.32991	12:40:12	D	3.70
66	KAITHAL	KALAYAT	S-NPP	29.69894	76.26730	14:20:29	D	9.50
67	KAITHAL	KALAYAT	S-NPP	29.71171	76.25296	12:40:12	D	7.90
68	KAITHAL	KALAYAT	S-NPP	29.71758	76.27629	12:40:12	D	7.30
69	KAITHAL	KALAYAT	S-NPP	29.72327	76.27441	12:40:12	D	7.20
70	KAITHAL	KALAYAT	S-NPP	29.75379	76.22395	12:40:12	D	3.60
71	KAITHAL	PUNDRI	S-NPP	29.81450	76.71249	12:40:12	D	6.10
72	KAITHAL	PUNDRI	S-NPP	29.81713	76.62620	12:40:12	D	6.30
73	KAITHAL	PUNDRI	S-NPP	29.83641	76.56220	14:20:29	D	5.20
74	KAITHAL	PUNDRI	S-NPP	29.84154	76.59514	12:40:12	D	3.90
75	KAITHAL	PUNDRI	AQUA	29.81500	76.71100	13:53:46	D	17.70
76	KAITHAL	SIWAN	S-NPP	29.87764	76.28092	12:40:12	D	3.40
77	KARNAL	ASSANDH	S-NPP	29.61152	76.55726	12:40:12	D	4.30
78	KARNAL	CHIRAO	S-NPP	29.62805	76.87219	12:40:12	D	3.90
79	KARNAL	CHIRAO	AQUA	29.71800	76.80600	13:53:46	D	17.20
80	KARNAL	CHIRAO	AQUA	29.72000	76.81600	13:53:46	D	25.90
81	KARNAL	GHARAUNDA	S-NPP	29.48429	77.10971	12:40:12	D	7.70
82	KARNAL	GHARAUNDA	S-NPP	29.58338	76.95581	12:40:12	D	3.40
83	KARNAL	GHARAUNDA	S-NPP	29.58639	76.95469	12:40:12	D	4.00
84	KARNAL	GHARAUNDA	S-NPP	29.58949	76.86121	12:40:12	D	2.40
85	KARNAL	GHARAUNDA	S-NPP	29.59135	76.91639	12:40:12	D	2.80
86	KARNAL	KARNAL	S-NPP	29.65678	77.06036	12:40:12	D	1.40
87	KARNAL	KARNAL	S-NPP	29.74382	76.89368	12:40:12	D	4.40
88	KARNAL	KARNAL	S-NPP	29.75657	77.02912	14:20:29	D	4.40
89	KARNAL	NILOKHERI	S-NPP	29.78824	76.87030	12:40:12	D	1.70
90	KARNAL	NILOKHERI	S-NPP	29.80353	76.88385	12:40:12	D	2.80
91	KARNAL	NILOKHERI	S-NPP	29.81559	76.71687	12:40:12	D	11.60
92	KARNAL	NILOKHERI	S-NPP	29.82091	76.90587	12:40:12	D	7.10
93	KARNAL	NILOKHERI	S-NPP	29.85406	76.75143	12:40:12	D	2.50
94	KARNAL	NILOKHERI	S-NPP	29.88991	76.69470	14:20:29	D	6.60
95	KARNAL	NILOKHERI	AQUA	29.79300	76.80700	13:53:46	D	8.80



96	KARNAL	NILOKHERI	AQUA	29.81700	76.72100	13:53:46	D	12.40
97	KURUKSHETRA	BABAIN	S-NPP	30.05817	76.95396	14:20:29	D	4.30
98	KURUKSHETRA	BABAIN	S-NPP	30.05954	76.95538	14:20:29	D	5.20
99	KURUKSHETRA	ISMAILABAD	AQUA	30.19200	76.70500	13:53:46	D	12.00
100	KURUKSHETRA	LADWA	S-NPP	30.01078	77.03460	14:20:29	D	2.70
101	KURUKSHETRA	LADWA	S-NPP	30.05596	77.01300	14:20:29	D	2.30
102	KURUKSHETRA	LADWA	S-NPP	30.05601	77.05003	14:20:29	D	5.50
103	KURUKSHETRA	PEHOWA	S-NPP	29.96256	76.64625	12:40:12	D	2.60
104	KURUKSHETRA	PEHOWA	S-NPP	29.96351	76.61430	14:20:29	D	5.90
105	KURUKSHETRA	PEHOWA	S-NPP	29.96427	76.64606	12:40:12	D	2.50
106	PANIPAT	BAPALI	S-NPP	29.31665	77.06638	12:40:12	D	5.30
107	PANIPAT	ISRANA	S-NPP	29.22229	76.86464	12:40:12	D	6.20
108	PANIPAT	ISRANA	S-NPP	29.22381	76.86264	12:40:12	D	5.30
109	PANIPAT	ISRANA	S-NPP	29.26210	76.75031	12:40:12	D	7.00
110	PANIPAT	ISRANA	S-NPP	29.26550	76.73962	12:40:12	D	5.40
111	PANIPAT	ISRANA	S-NPP	29.26882	76.75298	12:40:12	D	19.50
112	PANIPAT	ISRANA	S-NPP	29.28463	76.71906	12:40:12	D	3.20
113	PANIPAT	ISRANA	AQUA	29.26000	76.74600	13:53:46	D	12.30
114	PANIPAT	MADLAUDA	S-NPP	29.32380	76.73060	12:40:12	D	6.50
115	PANIPAT	MADLAUDA	S-NPP	29.35008	76.82379	14:20:29	D	13.90
116	PANIPAT	MADLAUDA	S-NPP	29.36942	76.74102	12:40:12	D	3.60
117	PANIPAT	MADLAUDA	S-NPP	29.41597	76.83609	14:20:29	D	5.60
118	PANIPAT	MADLAUDA	S-NPP	29.42401	76.76655	12:40:12	D	12.50
119	PANIPAT	MADLAUDA	S-NPP	29.42509	76.77097	12:40:12	D	12.50
120	PANIPAT	MADLAUDA	S-NPP	29.42605	76.76688	12:40:12	D	15.70
121	PANIPAT	MADLAUDA	S-NPP	29.42760	76.81300	14:20:29	D	3.20
122	PANIPAT	MADLAUDA	S-NPP	29.42773	76.81082	14:20:29	D	3.70
123	PANIPAT	SAMALKHA	S-NPP	29.19625	77.13578	14:20:29	D	7.30
124	ROHTAK	KALANAUR	S-NPP	28.74214	76.50449	12:40:12	D	18.60
125	ROHTAK	MEHAM	S-NPP	28.87569	76.38927	14:20:29	D	12.60
126	ROHTAK	MEHAM	S-NPP	28.91726	76.29827	14:20:29	D	6.80
127	ROHTAK	MEHAM	S-NPP	28.95371	76.38038	14:20:29	D	5.40
128	ROHTAK	MEHAM	S-NPP	28.95702	76.38335	14:20:29	D	7.80

129	ROHTAK	MEHAM	S-NPP	29.00639	76.41801	12:40:12	D	5.50
130	ROHTAK	MEHAM	S-NPP	29.00825	76.41664	12:40:12	D	6.20
131	ROHTAK	MEHAM	S-NPP	29.03126	76.36926	12:40:12	D	6.00
132	ROHTAK	MEHAM	AQUA	28.90300	76.30300	13:53:46	D	7.70
133	ROHTAK	MEHAM	AQUA	28.95200	76.38100	13:53:46	D	7.50
134	ROHTAK	MEHAM	AQUA	29.00400	76.42400	13:53:46	D	14.90
135	ROHTAK	MEHAM	AQUA	29.02100	76.34800	13:53:46	D	13.80
136	ROHTAK	ROHTAK	AQUA	28.97200	76.52400	13:53:46	D	12.70
137	ROHTAK	ROHTAK	AQUA	28.97700	76.49200	13:53:46	D	31.40
138	SIRSA	BARAGUNDA	S-NPP	29.61255	75.06180	12:40:12	D	8.20
139	SIRSA	BARAGUNDA	S-NPP	29.78752	75.06439	12:40:12	D	10.00
140	SIRSA	BARAGUNDA	S-NPP	29.78958	75.06380	12:40:12	D	11.90
141	SIRSA	BARAGUNDA	AQUA	29.62800	75.12500	13:53:46	D	12.40
142	SIRSA	DABWALI	S-NPP	29.83472	74.65078	12:40:12	D	9.60
143	SIRSA	DABWALI	S-NPP	29.87010	74.62820	14:20:29	D	8.00
144	SIRSA	ODHAN	S-NPP	29.90684	74.94338	01:30:12	N	10.40
145	SIRSA	ODHAN	S-NPP	29.91056	74.93639	12:40:12	D	12.80
146	SIRSA	RANIA	S-NPP	29.51820	74.90669	12:40:12	D	4.70
147	SIRSA	RANIA	S-NPP	29.52288	74.92339	14:20:29	D	6.30
148	SIRSA	RANIA	S-NPP	29.52317	74.92808	14:20:29	D	16.70
149	SIRSA	RANIA	S-NPP	29.52341	74.92455	14:20:29	D	8.20
150	SIRSA	RANIA	S-NPP	29.52374	74.92924	14:20:29	D	8.20
151	SIRSA	RANIA	S-NPP	29.54204	74.60880	12:40:12	D	19.80
152	SIRSA	RANIA	S-NPP	29.54470	74.63601	14:20:29	D	9.30
153	SIRSA	RANIA	S-NPP	29.55347	74.88858	12:40:12	D	8.70
154	SIRSA	SIRSA	S-NPP	29.55839	75.11121	14:20:29	D	2.80
155	SONIPAT	GANAUR	S-NPP	29.09065	76.89670	12:40:12	D	5.30
156	SONIPAT	GANAUR	S-NPP	29.10638	76.88952	14:20:29	D	6.80
157	SONIPAT	GANAUR	S-NPP	29.10684	76.88639	14:20:29	D	8.80
158	SONIPAT	GANAUR	S-NPP	29.12531	77.10994	12:40:12	D	3.10
159	SONIPAT	GANAUR	S-NPP	29.14917	77.13453	12:40:12	D	4.60
160	SONIPAT	GOHANA	S-NPP	29.02705	76.73418	14:20:29	D	4.40
161	SONIPAT	GOHANA	S-NPP	29.02737	76.74014	14:20:29	D	4.40

162	SONIPAT	GOHANA	S-NPP	29.03172	76.75701	12:40:12	D	6.50
163	SONIPAT	GOHANA	S-NPP	29.04640	76.74266	12:40:12	D	6.40
164	SONIPAT	GOHANA	S-NPP	29.10056	76.71563	12:40:12	D	4.80
165	SONIPAT	GOHANA	S-NPP	29.13995	76.77609	12:40:12	D	5.90
166	SONIPAT	GOHANA	AQUA	29.02800	76.73600	13:53:46	D	10.50
167	SONIPAT	KATHURA	S-NPP	29.19621	76.52525	14:20:29	D	6.50
168	SONIPAT	KATHURA	S-NPP	29.19802	76.52035	14:20:29	D	7.50
169	SONIPAT	KATHURA	S-NPP	29.19833	76.52615	14:20:29	D	7.50
170	SONIPAT	KHARKHODA	S-NPP	28.89850	76.88046	14:20:29	D	4.50
171	SONIPAT	KHARKHODA	AQUA	28.96200	76.86100	13:53:46	D	8.60
172	SONIPAT	MUNDLANA	S-NPP	29.16834	76.64569	12:40:12	D	3.80
173	SONIPAT	MUNDLANA	S-NPP	29.16851	76.64429	12:40:12	D	4.80
174	SONIPAT	MUNDLANA	S-NPP	29.17846	76.66197	12:40:12	D	5.50
175	SONIPAT	MUNDLANA	S-NPP	29.17876	76.66059	12:40:12	D	4.60
176	SONIPAT	MUNDLANA	S-NPP	29.19771	76.64116	12:40:12	D	2.70
177	SONIPAT	MUNDLANA	S-NPP	29.21255	76.60084	12:40:12	D	4.40
178	SONIPAT	MUNDLANA	S-NPP	29.23691	76.64734	14:20:29	D	8.80
179	SONIPAT	MUNDLANA	AQUA	29.19200	76.58800	13:53:46	D	9.00
180	SONIPAT	MUNDLANA	AQUA	29.23700	76.64400	13:53:46	D	26.30
181	SONIPAT	MUNDLANA	AQUA	29.26100	76.75600	13:53:46	D	11.50
182	SONIPAT	SONIPAT	S-NPP	29.06000	76.99114	12:40:12	D	4.20
183	SONIPAT	SONIPAT	S-NPP	29.06321	76.98961	12:40:12	D	3.40
184	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.22888	77.31567	12:40:12	D	2.60
185	YAMUNANAGAR	CHHACHHRAULI	S-NPP	30.23028	77.31516	12:40:12	D	2.10
186	YAMUNANAGAR	JAGADHRI	S-NPP	30.20522	77.28892	12:40:12	D	2.20

### Details of residue burning events in Uttar Pradesh on 11-May-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	ALIGARH	GABHANA	S-NPP	28.12883	77.74419	14:20:29	D	3.70
2	ALIGARH	GABHANA	AQUA	28.03900	77.93200	13:53:46	D	12.10
3	ALLAHABAD	BARA	S-NPP	25.08552	81.67888	12:40:12	D	9.60
4	ALLAHABAD	MEZA	S-NPP	25.07357	81.97133	01:30:12	N	0.60
5	AZAMGARH	NIZAMABAD	S-NPP	26.00093	82.96138	12:40:12	D	3.30
6	AZAMGARH	NIZAMABAD	S-NPP	26.00190	82.96014	12:40:12	D	3.20
7	BALLIA	BALLIA	S-NPP	25.65943	83.96174	01:30:12	N	0.70
8	BALRAMPUR	TULSIPUR	S-NPP	27.42865	82.75655	12:40:12	D	5.70
9	BANDA	ATARRA	S-NPP	25.41150	80.46445	12:40:12	D	6.40
10	ETAH	ETAH	S-NPP	27.51076	78.80743	12:40:12	D	3.10
11	ETAH	ETAH	S-NPP	27.51218	78.80804	12:40:12	D	2.50
12	ETAH	PATIALI	S-NPP	27.62438	78.90478	14:20:29	D	5.20
13	ETAWAH	BHARTHNA	AQUA	26.84500	79.17500	13:53:46	D	12.60
14	FAIZABAD	FAIZSBAD	S-NPP	26.57801	82.39894	12:40:12	D	2.90
15	GORAKHPUR	BANSGAON	S-NPP	26.51932	83.42227	12:40:12	D	5.00
16	HARDOI	BILGRAM	S-NPP	27.18949	80.06763	12:40:12	D	6.40
17	HARDOI	BILGRAM	S-NPP	27.19437	80.06628	12:40:12	D	9.80
18	JALAUN	KONCH	S-NPP	26.03843	79.12363	12:40:12	D	12.30
19	JALAUN	MADHOGARH	S-NPP	26.27762	79.30065	12:40:12	D	5.80
20	JALAUN	MADHOGARH	S-NPP	26.27843	79.30424	12:40:12	D	10.20
21	JALAUN	MADHOGARH	S-NPP	26.36674	79.28267	12:40:12	D	8.10
22	JHANSI	GARAUTHA	S-NPP	25.63798	79.18749	12:40:12	D	9.20
23	JHANSI	GARAUTHA	S-NPP	25.66252	79.14923	14:20:29	D	4.00
24	JHANSI	JHANSI	S-NPP	25.48778	78.61626	01:30:12	N	0.50
25	JHANSI	JHANSI	S-NPP	25.48988	78.62289	12:40:12	D	12.40
26	JHANSI	MAURANIPUR	S-NPP	25.34017	78.89776	12:40:12	D	8.80
27	JHANSI	MOTH	AQUA	25.75500	78.87900	13:53:46	D	18.30
28	JYOTIBAPHULE NAGAR	DHANAURA	S-NPP	28.93873	78.08481	12:40:12	D	3.40
29	KANPUR DEHAT	BHOGANIPUR	S-NPP	26.18148	79.99068	12:40:12	D	3.50
30	KANPUR DEHAT	SIKANDRA	S-NPP	26.40033	79.62244	12:40:12	D	7.70

31	KANPUR DEHAT	SIKANDRA	S-NPP	26.40111	79.62585	12:40:12	D	7.50
32	LALITPUR	KHAGA	AQUA	24.76900	78.65400	13:53:46	D	29.00
33	LALITPUR	LALITPUR	S-NPP	24.55883	78.58025	12:40:12	D	23.70
34	LALITPUR	LALITPUR	AQUA	24.84300	78.36800	13:53:46	D	14.70
35	MAHOBA	KULPAHAR	S-NPP	25.21648	79.52278	14:20:29	D	13.10
36	MAHOBA	KULPAHAR	S-NPP	25.21784	79.51810	14:20:29	D	9.80
37	MAHOBA	KULPAHAR	S-NPP	25.33603	79.54290	01:30:12	N	1.10
38	MAINPURI	MAINPURI	S-NPP	27.13906	78.92773	12:40:12	D	23.80
39	MAU	GHOSI	S-NPP	26.22713	83.54550	12:40:12	D	5.60
40	MAU	MAU	S-NPP	26.02317	83.61871	12:40:12	D	6.40
41	MAU	MAU	S-NPP	26.02396	83.62273	12:40:12	D	6.40
42	MEERUT	MAWANA	AQUA	28.91000	77.86000	13:53:46	D	11.10
43	MEERUT	MAWANA	AQUA	28.92200	78.03000	13:53:46	D	13.80
44	MUZAFARNAGAR	KAIRANA	S-NPP	29.64643	77.15357	12:40:12	D	4.10
45	PILHIBHIT	PURANPUR	S-NPP	28.49472	79.93263	12:40:12	D	4.10
46	PILHIBHIT	PURANPUR	S-NPP	28.70278	80.17776	12:40:12	D	7.00
47	PRATAPGARH	PATTI	S-NPP	25.85751	82.17545	12:40:12	D	5.00
48	RAMPUR	BILASPUR	S-NPP	28.77014	79.27323	12:40:12	D	2.10
49	RAMPUR	BILASPUR	AQUA	28.86100	79.19200	13:53:46	D	12.60
50	RAMPUR	SUAR	AQUA	29.13400	79.07800	13:53:46	D	16.80
51	SHAHJAHANPUR	SHAHJAHANPUR	S-NPP	27.79191	79.99140	12:40:12	D	3.70
52	SHAHJAHANPUR	TILHAR	S-NPP	28.04595	79.65092	12:40:12	D	5.50
53	SHAHJAHANPUR	TILHAR	S-NPP	28.16309	79.77503	12:40:12	D	6.50
54	SHAHJAHANPUR	TILHAR	S-NPP	28.16693	79.77554	12:40:12	D	11.90
55	SHAHJAHANPUR	TILHAR	S-NPP	28.16796	79.77367	12:40:12	D	6.50
56	SHARANPUR	NAKUR	S-NPP	29.78360	77.31535	12:40:12	D	2.10
57	SHRAWASTI	BHINGA	S-NPP	27.77300	81.76406	12:40:12	D	5.60
58	SIDDHARTHANAGAR	ITWA	S-NPP	27.39491	82.80535	12:40:12	D	10.30
59	SONBHADRA	DUDHI	S-NPP	24.06461	83.15573	12:40:12	D	6.60
60	SONBHADRA	REBUTSHGANJ	S-NPP	24.71516	83.21980	01:30:12	N	0.70
61	SULTANPUR	JAISINGHPUR	S-NPP	26.39676	82.22231	12:40:12	D	4.90
62	UNNAO	HASANGANJ	S-NPP	26.72507	80.49205	12:40:12	D	6.20
63	UNNAO	HASANGANJ	AQUA	26.66200	80.64400	13:53:46	D	24.90

### Details of wheat residue burning events in Madhya Pradesh on 11-May-2023

S. No.	District	Tehsil / Block	Satellite	Latitude	Longitude	ACQ_TIME	Day / Night	Fire Power (W/m <sup>2</sup> )
1	BETUL	AMLAL	S-NPP	21.90594	78.36372	12:40:12	D	3.80
2	BETUL	MULTAI	S-NPP	21.89359	78.25520	12:40:12	D	12.90
3	BHIND	GOHAD	S-NPP	26.46238	78.25040	14:20:29	D	9.80
4	BHIND	GOHAD	S-NPP	26.46268	78.25116	14:20:29	D	11.40
5	BHIND	GOHAD	S-NPP	26.48890	78.30518	01:30:12	N	0.70
6	BHIND	GOHAD	S-NPP	26.50210	78.42002	01:30:12	N	0.70
7	BHOPAL	BERASIYA	S-NPP	23.47061	77.32434	14:20:29	D	7.90
8	BHOPAL	BERASIYA	S-NPP	23.53390	77.47692	12:40:12	D	16.60
9	BHOPAL	BERASIYA	S-NPP	23.70553	77.41970	12:40:12	D	17.00
10	BHOPAL	BERASIYA	S-NPP	23.73282	77.47837	12:40:12	D	17.90
11	BHOPAL	BERASIYA	S-NPP	23.74491	77.44769	12:40:12	D	7.30
12	BHOPAL	BERASIYA	S-NPP	23.80515	77.22886	14:20:29	D	8.60
13	BHOPAL	BERASIYA	S-NPP	23.80876	77.23114	14:20:29	D	11.60
14	BHOPAL	HUZUR	S-NPP	23.40004	77.32138	12:40:12	D	16.20
15	BHOPAL	HUZUR	S-NPP	23.40492	77.31425	12:40:12	D	16.20
16	BHOPAL	HUZUR	S-NPP	23.40620	77.31956	12:40:12	D	16.20
17	BHOPAL	HUZUR	S-NPP	23.43067	77.38898	14:20:29	D	14.20
18	BHOPAL	HUZUR	S-NPP	23.43108	77.39454	14:20:29	D	17.80
19	CHHATARPUR	BARAMALEHRA	AQUA	24.49400	79.28800	13:53:46	D	44.30
20	CHHATARPUR	BARAMALEHRA	AQUA	24.49500	79.29900	13:53:46	D	64.00
21	CHHATARPUR	CHHATARPUR	S-NPP	24.81751	79.62639	14:20:29	D	9.30
22	CHHATARPUR	CHHATARPUR	S-NPP	24.83407	79.47243	12:40:12	D	7.40
23	CHHATARPUR	CHHATARPUR	S-NPP	24.83492	79.47615	12:40:12	D	7.40
24	CHHATARPUR	CHHATARPUR	S-NPP	24.86440	79.38596	14:20:29	D	5.10
25	CHHATARPUR	CHHATARPUR	S-NPP	24.86726	79.64643	01:30:12	N	0.60
26	CHHATARPUR	CHHATARPUR	S-NPP	24.88740	79.75491	12:40:12	D	6.60
27	CHHATARPUR	CHHATARPUR	S-NPP	24.89862	79.38292	12:40:12	D	11.10
28	CHHATARPUR	CHHATARPUR	S-NPP	24.90000	79.38382	12:40:12	D	15.60
29	CHHATARPUR	CHHATARPUR	S-NPP	24.90396	79.38151	12:40:12	D	11.10

30	CHHATARPUR	CHHATARPUR	S-NPP	24.94998	79.36603	14:20:29	D	5.20
31	CHHATARPUR	CHHATARPUR	S-NPP	24.96877	79.57215	01:30:12	N	1.80
32	CHHATARPUR	CHHATARPUR	S-NPP	24.97317	79.57272	01:30:12	N	0.80
33	CHHATARPUR	CHHATARPUR	AQUA	24.86300	79.37900	13:53:46	D	14.80
34	CHHINDWARA	AMARWARA	S-NPP	22.19729	79.18433	12:40:12	D	6.40
35	CHHINDWARA	CHAURAI	S-NPP	21.95210	79.29440	14:20:29	D	6.70
36	CHHINDWARA	CHAURAI	S-NPP	21.95395	79.29346	14:20:29	D	8.50
37	CHHINDWARA	CHAURAI	S-NPP	22.06257	79.15262	12:40:12	D	6.40
38	CHHINDWARA	CHAURAI	S-NPP	22.11838	79.18465	12:40:12	D	9.20
39	CHHINDWARA	CHAURAI	S-NPP	22.11876	79.18533	12:40:12	D	11.60
40	CHHINDWARA	CHAURAI	AQUA	21.98300	79.18800	13:53:46	D	8.70
41	CHHINDWARA	CHHINDWARA	S-NPP	22.02310	78.81626	14:20:29	D	3.40
42	CHHINDWARA	CHHINDWARA	S-NPP	22.02447	78.81448	14:20:29	D	1.30
43	CHHINDWARA	CHHINDWARA	S-NPP	22.03002	79.06371	12:40:12	D	6.30
44	CHHINDWARA	PARASIA	AQUA	22.22800	78.75800	13:53:46	D	18.30
45	CHHINDWARA	PARASIA	AQUA	22.22900	78.76800	13:53:46	D	14.80
46	DAMOH	DAMOH	S-NPP	23.80630	79.58086	12:40:12	D	7.70
47	DAMOH	DAMOH	S-NPP	23.80716	79.58467	12:40:12	D	7.70
48	DAMOH	HATTA	S-NPP	24.34521	79.77356	14:20:29	D	8.70
49	DAMOH	JABERA	S-NPP	23.62255	79.60621	12:40:12	D	8.30
50	DAMOH	JABERA	S-NPP	23.70041	79.69785	12:40:12	D	5.90
51	DAMOH	PATHARIA	S-NPP	23.98787	79.39265	01:30:12	N	3.00
52	DATIA	BHANDER	S-NPP	25.61076	78.70440	12:40:12	D	7.70
53	DATIA	DATIA	S-NPP	25.61199	78.63567	12:40:12	D	7.50
54	DATIA	DATIA	S-NPP	25.61414	78.63545	12:40:12	D	10.50
55	DATIA	DATIA	AQUA	25.76400	78.38300	13:53:46	D	8.20
56	DEWAS	DEWAS	S-NPP	22.93107	76.19540	14:20:29	D	3.60
57	DEWAS	SONKACH	S-NPP	22.93612	76.21821	12:40:12	D	9.20
58	DEWAS	SONKACH	S-NPP	23.01103	76.36466	14:20:29	D	8.40
59	DEWAS	SONKACH	S-NPP	23.01368	76.36478	14:20:29	D	19.00
60	DEWAS	SONKACH	S-NPP	23.01699	76.36415	14:20:29	D	12.20
61	GUNA	GUNA	S-NPP	24.73339	77.27046	14:20:29	D	12.60
62	GUNA	GUNA	S-NPP	24.73430	77.26677	14:20:29	D	8.50

63	GUNA	GUNA	S-NPP	24.73466	77.27239	14:20:29	D	8.50
64	GUNA	KUMBHRAJ	S-NPP	24.46296	77.08149	12:40:12	D	20.10
65	GUNA	KUMBHRAJ	S-NPP	24.46534	77.08376	12:40:12	D	19.10
66	GUNA	RAGHOGARH	S-NPP	24.12208	77.24564	01:30:12	N	0.50
67	GUNA	RAGHOGARH	S-NPP	24.41213	77.16755	14:20:29	D	14.40
68	GUNA	RAGHOGARH	S-NPP	24.41444	77.10971	01:30:12	N	0.50
69	GUNA	RAGHOGARH	S-NPP	24.41476	77.16483	14:20:29	D	12.40
70	GUNA	RAGHOGARH	AQUA	24.40900	77.16300	13:53:46	D	13.20
71	GWALIOR	BHITARWAR	S-NPP	25.73419	78.01094	14:20:29	D	19.40
72	GWALIOR	BHITARWAR	S-NPP	25.73701	78.00917	14:20:29	D	12.30
73	GWALIOR	BHITARWAR	S-NPP	25.73813	78.02873	14:20:29	D	12.20
74	GWALIOR	BHITARWAR	S-NPP	25.74487	78.02831	14:20:29	D	12.20
75	GWALIOR	BHITARWAR	S-NPP	25.74599	78.02721	12:40:12	D	9.40
76	GWALIOR	BHITARWAR	S-NPP	25.76365	77.97148	12:40:12	D	7.80
77	GWALIOR	BHITARWAR	S-NPP	25.78850	77.96667	14:20:29	D	6.20
78	GWALIOR	BHITARWAR	S-NPP	25.80689	78.15761	12:40:12	D	9.80
79	GWALIOR	BHITARWAR	S-NPP	25.90782	78.12045	12:40:12	D	3.10
80	GWALIOR	BHITARWAR	AQUA	25.74400	78.02200	13:53:46	D	18.40
81	GWALIOR	DABRA	S-NPP	25.93860	78.25252	01:30:12	N	0.70
82	GWALIOR	DABRA	S-NPP	25.94970	78.28938	01:30:12	N	1.90
83	GWALIOR	DABRA	S-NPP	26.04644	78.47277	12:40:12	D	9.10
84	GWALIOR	DABRA	AQUA	25.95200	78.27500	13:53:46	D	12.00
85	GWALIOR	GWALIOR	S-NPP	26.06218	77.83263	14:20:29	D	5.30
86	JABALPUR	JABALPUR	S-NPP	22.93471	79.84042	12:40:12	D	9.20
87	JABALPUR	JABALPUR	S-NPP	22.93505	79.83980	12:40:12	D	10.70
88	JABALPUR	JABALPUR	S-NPP	23.00450	79.89434	12:40:12	D	7.60
89	JABALPUR	JABALPUR	AQUA	23.09700	80.00300	13:53:46	D	20.00
90	JABALPUR	JABALPUR	AQUA	23.09800	80.01400	13:53:46	D	55.20
91	JABALPUR	JABALPUR	AQUA	23.13600	80.08000	13:53:46	D	11.00
92	JABALPUR	KUNDAM	S-NPP	23.23540	80.44866	12:40:12	D	6.10
93	JABALPUR	MAJHOULI	AQUA	23.44800	79.87900	13:53:46	D	21.60
94	JABALPUR	PATAN	S-NPP	23.22175	79.75262	14:20:29	D	5.50
95	JABALPUR	PATAN	S-NPP	23.22333	79.75830	14:20:29	D	11.00



96	JABALPUR	PATAN	S-NPP	23.26691	79.71044	12:40:12	D	3.60
97	JABALPUR	PATAN	S-NPP	23.27233	79.70904	12:40:12	D	3.60
98	JABALPUR	SAHPURA	S-NPP	23.15916	79.49733	14:20:29	D	4.10
99	KATNI	BARBARA	S-NPP	23.85558	80.56902	12:40:12	D	66.40
100	KATNI	BARBARA	S-NPP	23.85566	80.56366	12:40:12	D	39.20
101	KATNI	BARBARA	S-NPP	23.85639	80.56695	12:40:12	D	39.20
102	KATNI	BARBARA	S-NPP	23.85712	80.57023	12:40:12	D	41.30
103	KATNI	BARHI	S-NPP	23.91010	80.71671	01:30:12	N	0.30
104	KATNI	BARHI	S-NPP	23.91035	80.71553	01:30:12	N	0.40
105	KATNI	BIJERAGHOGARH	S-NPP	24.01637	80.58849	01:30:12	N	1.90
106	KATNI	BIJERAGHOGARH	S-NPP	24.01684	80.58458	01:30:12	N	1.90
107	KATNI	BIJERAGHOGARH	AQUA	23.94600	80.70200	13:53:46	D	32.20
108	KATNI	BIJERAGHOGARH	AQUA	23.94800	80.71500	13:53:46	D	24.30
109	KATNI	DHIMERKHEDA	S-NPP	23.47070	80.30494	12:40:12	D	8.00
110	KATNI	DHIMERKHEDA	S-NPP	23.47082	80.30204	12:40:12	D	7.10
111	KATNI	DHIMERKHEDA	S-NPP	23.53096	80.27849	12:40:12	D	11.60
112	KATNI	DHIMERKHEDA	S-NPP	23.53173	80.28201	12:40:12	D	10.20
113	KATNI	DHIMERKHEDA	S-NPP	23.66344	80.41203	12:40:12	D	7.00
114	KATNI	DHIMERKHEDA	AQUA	23.65700	80.41200	13:53:46	D	13.90
115	MANDLA	MANDLA	AQUA	22.56500	80.47200	13:53:46	D	15.30
116	MANDLA	NAINPUR	S-NPP	22.47944	80.06194	12:40:12	D	4.30
117	MANDLA	NAINPUR	S-NPP	22.51658	80.06047	14:20:29	D	6.20
118	MANDLA	NAINPUR	S-NPP	22.51723	80.05990	14:20:29	D	5.00
119	MANDLA	NAINPUR	S-NPP	22.52765	80.07381	12:40:12	D	7.30
120	MANDSAUR	MANDSAUR	S-NPP	24.04214	75.04910	12:40:12	D	13.70
121	NARSHIMAPURA	NARSIMHAPUR	S-NPP	22.81435	79.37647	12:40:12	D	5.50
122	NIMACH	MANASA	S-NPP	24.42729	75.29582	12:40:12	D	16.50
123	PANNA	GUNAU	S-NPP	24.49961	80.07050	12:40:12	D	7.30
124	RAISEN	BAGAMGANJ	S-NPP	23.57061	78.36682	12:40:12	D	8.00
125	RAISEN	BAGAMGANJ	AQUA	23.53900	78.72300	13:53:46	D	17.50
126	RAISEN	GAIRATGANJ	AQUA	23.29800	78.10000	13:53:46	D	12.20
127	RAISEN	GOHARGANJ	S-NPP	23.11124	77.56878	01:30:12	N	1.90
128	RAISEN	GOHARGANJ	S-NPP	23.17757	77.68690	14:20:29	D	6.70

129	RAISEN	RAISEN	S-NPP	23.34649	77.96416	01:30:12	N	0.40
130	RAISEN	RAISEN	S-NPP	23.38835	77.57049	12:40:12	D	10.00
131	RAISEN	RAISEN	S-NPP	23.39001	77.56862	12:40:12	D	10.80
132	RAISEN	RAISEN	S-NPP	23.40224	77.64186	01:30:12	N	1.60
133	RAISEN	RAISEN	S-NPP	23.40526	77.64191	01:30:12	N	1.70
134	RAISEN	RAISEN	S-NPP	23.41138	77.85674	14:20:29	D	10.60
135	RAISEN	RAISEN	S-NPP	23.42880	77.60317	12:40:12	D	10.80
136	RAISEN	RAISEN	S-NPP	23.44196	77.52274	12:40:12	D	16.40
137	RAISEN	RAISEN	S-NPP	23.44200	77.54591	14:20:29	D	23.50
138	RAISEN	RAISEN	S-NPP	23.44473	77.75861	01:30:12	N	1.50
139	RAISEN	RAISEN	S-NPP	23.45019	77.75340	01:30:12	N	1.50
140	RAISEN	RAISEN	S-NPP	23.45671	77.55710	12:40:12	D	21.40
141	RAISEN	RAISEN	S-NPP	23.46066	77.76199	12:40:12	D	9.30
142	RAJGARH	NARSINGHGAR	S-NPP	23.68920	76.79111	01:30:12	N	0.70
143	RAJGARH	NARSINGHGAR	S-NPP	23.68987	76.79052	01:30:12	N	0.60
144	RAJGARH	NARSINGHGAR	S-NPP	23.69423	76.91255	01:30:12	N	0.50
145	RAJGARH	NARSINGHGAR	S-NPP	23.69703	76.88261	01:30:12	N	0.30
146	RAJGARH	NARSINGHGAR	S-NPP	23.69938	76.91316	01:30:12	N	1.00
147	RAJGARH	NARSINGHGAR	S-NPP	23.76725	76.91091	01:30:12	N	0.20
148	RAJGARH	NARSINGHGAR	AQUA	23.66900	76.95400	13:53:46	D	12.50
149	RAJGARH	RAJGARH	AQUA	23.99700	76.92200	13:53:46	D	17.50
150	RAJGARH	SARANGPUR	S-NPP	23.73829	76.47550	12:40:12	D	18.50
151	REWA	HUZUR	S-NPP	24.59973	81.27789	12:40:12	D	10.90
152	REWA	HUZUR	AQUA	24.44600	81.23900	13:53:46	D	25.40
153	REWA	MAUGANJ	S-NPP	24.64590	81.82896	12:40:12	D	13.30
154	REWA	SIRMAUR	S-NPP	24.70357	81.23077	12:40:12	D	11.10
155	REWA	SIRMAUR	S-NPP	24.72570	81.31080	12:40:12	D	11.20
156	SAGAR	BANDA	S-NPP	24.01927	78.88690	12:40:12	D	8.60
157	SAGAR	BANDA	S-NPP	24.02237	78.88580	12:40:12	D	7.90
158	SAGAR	BANDA	S-NPP	24.36092	78.98579	12:40:12	D	10.20
159	SAGAR	BANDA	S-NPP	24.36185	78.98987	12:40:12	D	17.10
160	SAGAR	BANDA	S-NPP	24.36425	78.98665	12:40:12	D	4.80
161	SAGAR	DEVRI	S-NPP	23.42672	79.00223	12:40:12	D	15.00

162	SAGAR	DEVRI	S-NPP	23.43238	79.00085	12:40:12	D	13.60
163	SAGAR	DEVRI	S-NPP	23.58746	78.85712	01:30:12	N	0.60
164	SAGAR	RAHAT GARH	S-NPP	23.79880	78.56902	12:40:12	D	4.80
165	SAGAR	RAHAT GARH	S-NPP	23.83420	78.32587	01:30:12	N	0.60
166	SAGAR	REHLI	S-NPP	23.55880	79.07758	12:40:12	D	5.00
167	SAGAR	REHLI	S-NPP	23.63319	79.01318	12:40:12	D	7.40
168	SAGAR	REHLI	S-NPP	23.63451	79.00862	12:40:12	D	6.80
169	SAGAR	REHLI	S-NPP	23.63548	79.01279	12:40:12	D	6.80
170	SAGAR	REHLI	S-NPP	23.69358	79.05884	12:40:12	D	8.70
171	SAGAR	REHLI	S-NPP	23.71687	79.05711	12:40:12	D	8.60
172	SAGAR	SAGAR	S-NPP	23.59067	78.86073	01:30:12	N	1.50
173	SAGAR	SAGAR	S-NPP	23.59198	78.85773	01:30:12	N	0.40
174	SAGAR	SAGAR	S-NPP	23.91696	78.61008	12:40:12	D	11.80
175	SAGAR	SAGAR	S-NPP	23.95551	78.78924	01:30:12	N	0.20
176	SAGAR	SAGAR	AQUA	23.66000	78.53400	13:53:46	D	13.00
177	SATNA	MAIHAR	S-NPP	24.04001	80.80624	12:40:12	D	10.70
178	SATNA	MAIHAR	AQUA	24.15500	80.65900	13:53:46	D	16.40
179	SATNA	NAGOD	S-NPP	24.54742	80.46127	12:40:12	D	5.60
180	SATNA	NAGOD	S-NPP	24.54814	80.46454	12:40:12	D	5.60
181	SATNA	NAGOD	S-NPP	24.64330	80.56819	12:40:12	D	4.50
182	SATNA	NAGOD	S-NPP	24.64401	80.57139	12:40:12	D	4.40
183	SATNA	NAGOD	AQUA	24.61500	80.75100	13:53:46	D	19.90
184	SATNA	RAGURAJNAGAR	S-NPP	24.68984	80.68416	12:40:12	D	5.90
185	SATNA	RAGURAJNAGAR	S-NPP	24.70351	80.74681	12:40:12	D	4.30
186	SATNA	RAMPURBAGHLEAN	S-NPP	24.65446	81.04977	12:40:12	D	19.20
187	SATNA	RAMPURBAGHLEAN	S-NPP	24.67348	81.11423	12:40:12	D	12.60
188	SATNA	UCHAHAR	S-NPP	24.51334	80.75616	12:40:12	D	8.30
189	SATNA	UCHAHAR	S-NPP	24.51830	80.75487	12:40:12	D	8.30
190	SATNA	UCHAHAR	AQUA	24.51100	80.74500	13:53:46	D	15.00
191	SATNA	UCHAHAR	AQUA	24.51300	80.75800	13:53:46	D	63.10
192	SEHORE	AASHTA	S-NPP	23.00805	76.76660	14:20:29	D	15.80
193	SEHORE	AASHTA	AQUA	23.02800	76.85500	13:53:46	D	11.30
194	SEHORE	SEHORE	S-NPP	23.15820	77.21481	14:20:29	D	15.50

195	SEHORE	SEHORE	S-NPP	23.16074	77.21488	14:20:29	D	10.60
196	SEHORE	SEHORE	S-NPP	23.36258	77.04731	12:40:12	D	24.10
197	SEHORE	SEHORE	S-NPP	23.36764	77.04916	12:40:12	D	23.00
198	SEONI	GHANSAUR	S-NPP	22.46188	79.82758	12:40:12	D	8.00
199	SEONI	GHANSAUR	S-NPP	22.55422	79.82971	12:40:12	D	6.40
200	SEONI	GHANSAUR	S-NPP	22.55821	79.79570	12:40:12	D	9.10
201	SEONI	GHANSAUR	AQUA	22.57100	79.88700	13:53:46	D	17.10
202	SEONI	KEWLARI	S-NPP	22.34144	79.72114	12:40:12	D	19.90
203	SEONI	KEWLARI	S-NPP	22.34231	79.72505	12:40:12	D	19.90
204	SEONI	KEWLARI	S-NPP	22.34785	79.72372	12:40:12	D	6.30
205	SEONI	KEWLARI	S-NPP	22.42626	79.92098	14:20:29	D	9.30
206	SEONI	KEWLARI	S-NPP	22.42742	79.92246	14:20:29	D	9.60
207	SEONI	KEWLARI	S-NPP	22.42783	79.94475	14:20:29	D	17.50
208	SEONI	KEWLARI	S-NPP	22.42885	79.94621	14:20:29	D	16.90
209	SEONI	KEWLARI	S-NPP	22.42973	79.94205	12:40:12	D	7.70
210	SEONI	KEWLARI	S-NPP	22.43060	79.94592	12:40:12	D	10.00
211	SEONI	KEWLARI	S-NPP	22.44146	80.01983	12:40:12	D	5.70
212	SEONI	KEWLARI	S-NPP	22.44687	80.01845	12:40:12	D	5.70
213	SEONI	KEWLARI	AQUA	22.42000	79.91100	13:53:46	D	18.40
214	SEONI	KEWLARI	AQUA	22.42500	79.91500	13:53:46	D	29.30
215	SEONI	KEWLARI	AQUA	22.42600	79.92600	13:53:46	D	12.20
216	SEONI	LAKHNADOU	S-NPP	22.47484	79.42464	14:20:29	D	9.40
217	SEONI	LAKHNADOU	S-NPP	22.47918	79.42311	14:20:29	D	10.40
218	SEONI	LAKHNADOU	S-NPP	22.56653	79.42709	12:40:12	D	5.90
219	SEONI	LAKHNADOU	S-NPP	22.82709	79.66769	12:40:12	D	17.60
220	SEONI	SEONI	S-NPP	22.06144	79.44108	12:40:12	D	6.00
221	SEONI	SEONI	S-NPP	22.11000	79.52576	12:40:12	D	9.20
222	SEONI	SEONI	S-NPP	22.11108	79.52343	12:40:12	D	9.30
223	SEONI	SEONI	S-NPP	22.11204	79.52761	12:40:12	D	9.30
224	SEONI	SEONI	S-NPP	22.11377	79.51593	12:40:12	D	16.40
225	SEONI	SEONI	S-NPP	22.11469	79.52012	12:40:12	D	9.20
226	SEONI	SEONI	S-NPP	22.11480	79.51364	12:40:12	D	11.70
227	SEONI	SEONI	S-NPP	22.11562	79.52430	12:40:12	D	9.20

228	SEONI	SEONI	S-NPP	22.11575	79.51781	12:40:12	D	11.70
229	SEONI	SEONI	S-NPP	22.11669	79.52197	12:40:12	D	9.30
230	SEONI	SEONI	S-NPP	22.12503	79.48012	12:40:12	D	12.30
231	SEONI	SEONI	S-NPP	22.12599	79.48435	12:40:12	D	9.20
232	SEONI	SEONI	S-NPP	22.15961	79.57293	14:20:29	D	8.80
233	SEONI	SEONI	S-NPP	22.23109	79.68987	12:40:12	D	11.50
234	SEONI	SEONI	S-NPP	22.23472	79.68908	12:40:12	D	12.70
235	SEONI	SEONI	S-NPP	22.23940	79.68950	14:20:29	D	11.30
236	SEONI	SEONI	S-NPP	22.26775	79.73127	12:40:12	D	7.40
237	SEONI	SEONI	S-NPP	22.26935	79.73072	12:40:12	D	3.60
238	SEONI	SEONI	S-NPP	22.27022	79.73467	12:40:12	D	3.60
239	SEONI	SEONI	S-NPP	22.29453	79.72036	12:40:12	D	5.60
240	SEONI	SEONI	AQUA	22.15300	79.57300	13:53:46	D	17.50
241	SHAJAPUR	AGAR	S-NPP	23.65405	76.19641	14:20:29	D	11.30
242	SHAJAPUR	SHAJAPUR	S-NPP	23.32096	76.19913	01:30:12	N	1.60
243	SHAJAPUR	SHAJAPUR	S-NPP	23.32407	76.19715	01:30:12	N	1.10
244	SHEOPUR	SHEOPUR	S-NPP	25.45370	76.72282	12:40:12	D	10.30
245	SHEOPUR	SHEOPUR	S-NPP	25.68588	76.56651	12:40:12	D	16.60
246	SHEOPUR	SHEOPUR	S-NPP	25.84310	76.78453	12:40:12	D	9.50
247	SHIVPURI	NARWAR	S-NPP	25.72705	78.00485	14:20:29	D	8.00
248	SHIVPURI	NARWAR	S-NPP	25.72992	78.00312	14:20:29	D	22.80
249	SHIVPURI	NARWAR	S-NPP	25.73305	77.99822	12:40:12	D	7.30
250	SHIVPURI	NARWAR	S-NPP	25.73378	78.00444	14:20:29	D	8.00
251	SHIVPURI	NARWAR	S-NPP	25.73409	78.00259	12:40:12	D	7.30
252	SHIVPURI	NARWAR	AQUA	25.72300	78.00400	13:53:46	D	38.20
253	SHIVPURI	NARWAR	AQUA	25.73100	77.99200	13:53:46	D	16.80
254	SHIVPURI	NARWAR	AQUA	25.73200	78.00300	13:53:46	D	69.60
255	TIKAMGARH	BALDEOGARH	AQUA	24.82100	79.20100	13:53:46	D	15.20
256	TIKAMGARH	BALDEOGARH	AQUA	24.87600	79.33000	13:53:46	D	8.10
257	TIKAMGARH	PALERA	S-NPP	25.04519	79.29080	01:30:12	N	1.70
258	TIKAMGARH	PALERA	S-NPP	25.04778	79.28811	01:30:12	N	2.70
259	TIKAMGARH	PALERA	S-NPP	25.14462	78.98124	01:30:12	N	1.10
260	TIKAMGARH	PRITHVIPUR	S-NPP	25.11129	78.73156	12:40:12	D	11.30

261	UJJAIN	BARNAGAR	S-NPP	23.23450	75.42093	01:30:12	N	0.40
262	UJJAIN	KACHROD	S-NPP	23.51113	75.31865	14:20:29	D	17.00
263	UJJAIN	MEHIDPUR	AQUA	23.46000	75.61500	13:53:46	D	12.00
264	UJJAIN	NAGDA	S-NPP	23.43188	75.42505	14:20:29	D	8.80
265	UJJAIN	TARANA	S-NPP	23.35553	76.23572	01:30:12	N	0.40
266	UJJAIN	TARANA	S-NPP	23.47050	76.12280	12:40:12	D	16.90
267	UJJAIN	TARANA	S-NPP	23.53804	75.93732	01:30:12	N	0.20
268	UJJAIN	TARANA	AQUA	23.34300	75.99700	13:53:46	D	47.70
269	UJJAIN	TARANA	AQUA	23.34500	76.00700	13:53:46	D	14.30
270	UJJAIN	TARANA	AQUA	23.46900	75.91100	13:53:46	D	9.30
271	UMARIA	BANDHOGARH	S-NPP	23.57427	80.69804	12:40:12	D	6.30
272	UMARIA	MANPUR	S-NPP	23.85698	81.13821	12:40:12	D	11.00
273	UMARIA	MANPUR	S-NPP	23.85746	81.13773	12:40:12	D	10.80
274	VIDESHA	BASODA	S-NPP	23.92423	77.95969	12:40:12	D	8.60
275	VIDESHA	BASODA	S-NPP	23.92600	77.96051	12:40:12	D	13.50
276	VIDESHA	BASODA	S-NPP	23.94724	78.08495	12:40:12	D	12.20
277	VIDESHA	BASODA	S-NPP	24.01685	77.83809	12:40:12	D	20.90
278	VIDESHA	BASODA	S-NPP	24.01784	77.83438	12:40:12	D	25.80
279	VIDESHA	GYARASPUR	AQUA	23.60000	77.89100	13:53:46	D	24.50
280	VIDESHA	GYARASPUR	AQUA	23.60100	77.90100	13:53:46	D	12.80
281	VIDESHA	KORWAI	S-NPP	24.00106	78.27360	12:40:12	D	9.60
282	VIDESHA	NATERAN	S-NPP	23.82508	77.64981	12:40:12	D	14.80
283	VIDESHA	NATERAN	S-NPP	23.82528	77.64812	12:40:12	D	13.60
284	VIDESHA	NATERAN	AQUA	23.92300	77.76200	13:53:46	D	60.20
285	VIDESHA	SIRANJ	S-NPP	24.02321	77.69808	12:40:12	D	9.00
286	VIDESHA	SIRANJ	S-NPP	24.12137	77.89805	12:40:12	D	12.40
287	VIDESHA	SIRANJ	S-NPP	24.12260	77.89618	12:40:12	D	14.30
288	VIDESHA	VIDESHA	S-NPP	23.53455	77.82445	01:30:12	N	2.00
289	VIDESHA	VIDESHA	S-NPP	23.56858	77.80826	12:40:12	D	10.50
290	VIDESHA	VIDESHA	S-NPP	23.56868	77.81190	12:40:12	D	19.50
291	VIDESHA	VIDESHA	S-NPP	23.56978	77.81322	12:40:12	D	10.50
292	VIDESHA	VIDESHA	S-NPP	23.58116	77.76373	14:20:29	D	14.50
293	VIDESHA	VIDESHA	S-NPP	23.58475	77.71959	01:30:12	N	1.70

294	VIDESHA	VIDESHA	S-NPP	23.58535	77.71378	01:30:12	N	1.40
295	VIDESHA	VIDESHA	S-NPP	23.65948	77.78220	01:30:12	N	1.00
296	VIDESHA	VIDESHA	S-NPP	23.67031	77.72473	01:30:12	N	2.40
297	VIDESHA	VIDESHA	AQUA	23.58000	77.75400	13:53:46	D	19.10
298	VIDESHA	VIDESHA	AQUA	23.60000	77.62400	13:53:46	D	22.30
299	WEST NIMAR	KHARGON	S-NPP	21.77796	75.56204	01:30:12	N	0.40

**The study used data received from following Satellites at NRSC Ground Station**

S. No.	Satellite Name	Sensor	Resolution (meter)	Day / Night Passes
1.	Suomi NPP	VIIRS	375 / 750	Both
2.	Terra	MODIS	1000	Both
3.	Aqua	MODIS	1000	Both

**The wheat mask for the Punjab, Haryana and Uttar Pradesh were provided by MNCFC, MoA&FW, Govt of India  
The rabi crop mask for Delhi and Madhya Pradesh were provided by NRSC**

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GIS Maps of fire events can be visualized online on ICAR KRISHI Geoportal website: <http://geoportal.icar.gov.in:8080/geoexplorer/composer/>  
(Part of KRISHI Portal: <https://krishi.icar.gov.in> initiative)

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