



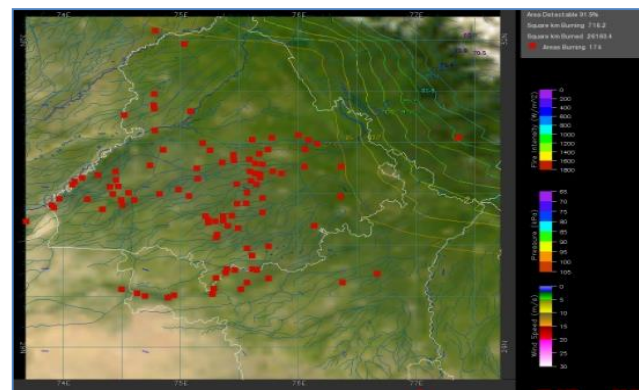
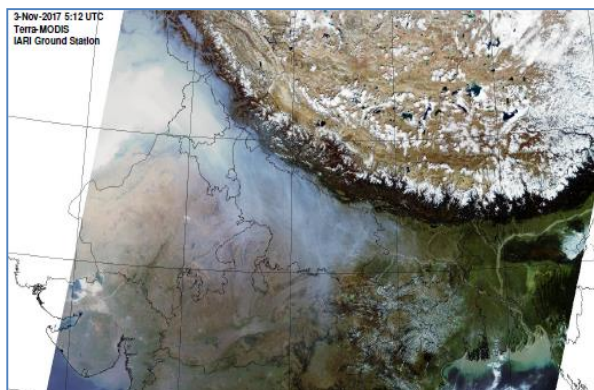
**Bulletin
No. 50**

**Events Date:
19-Nov-2019**

**Issued on:
20-Nov-2019**



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



Prepared by:

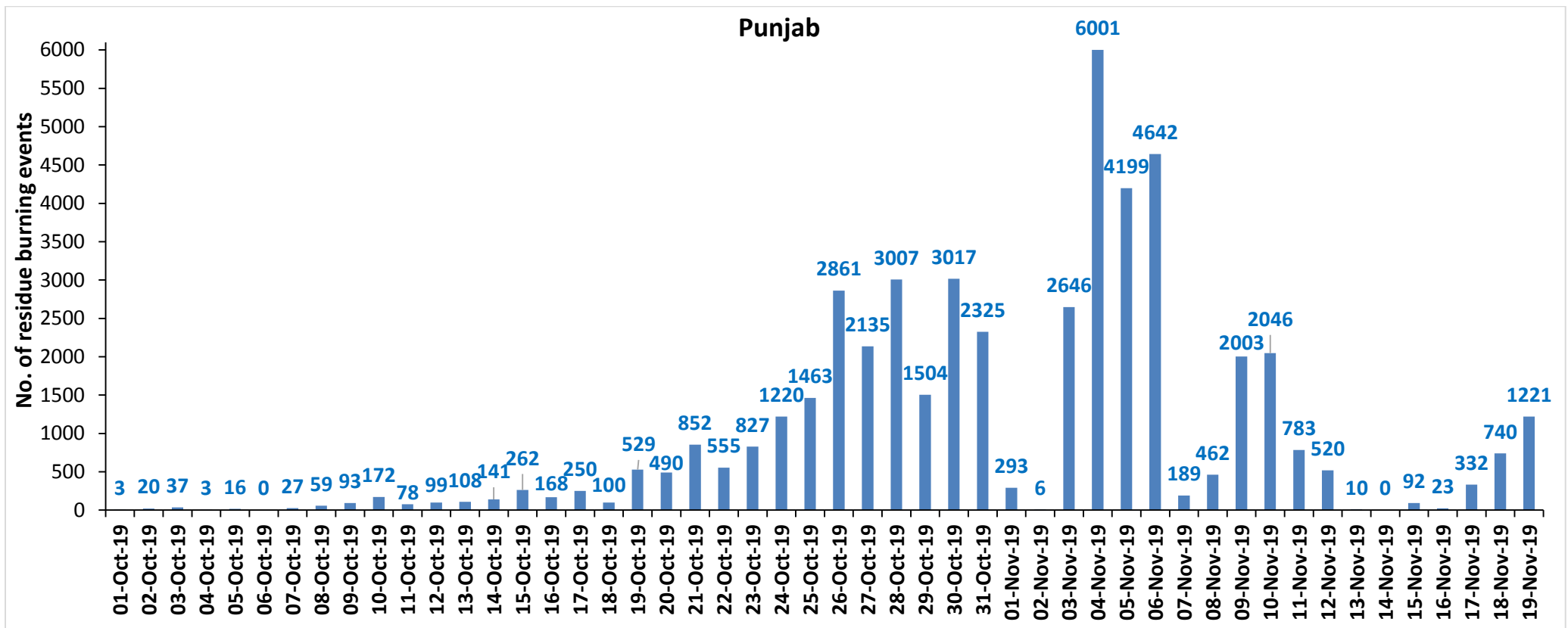
**Consortium for Research on Agroecosystem Monitoring and Modeling from Space (CREAMS) Laboratory,
Division of Agricultural Physics, ICAR – Indian Agricultural Research Institute, New Delhi – 110012**

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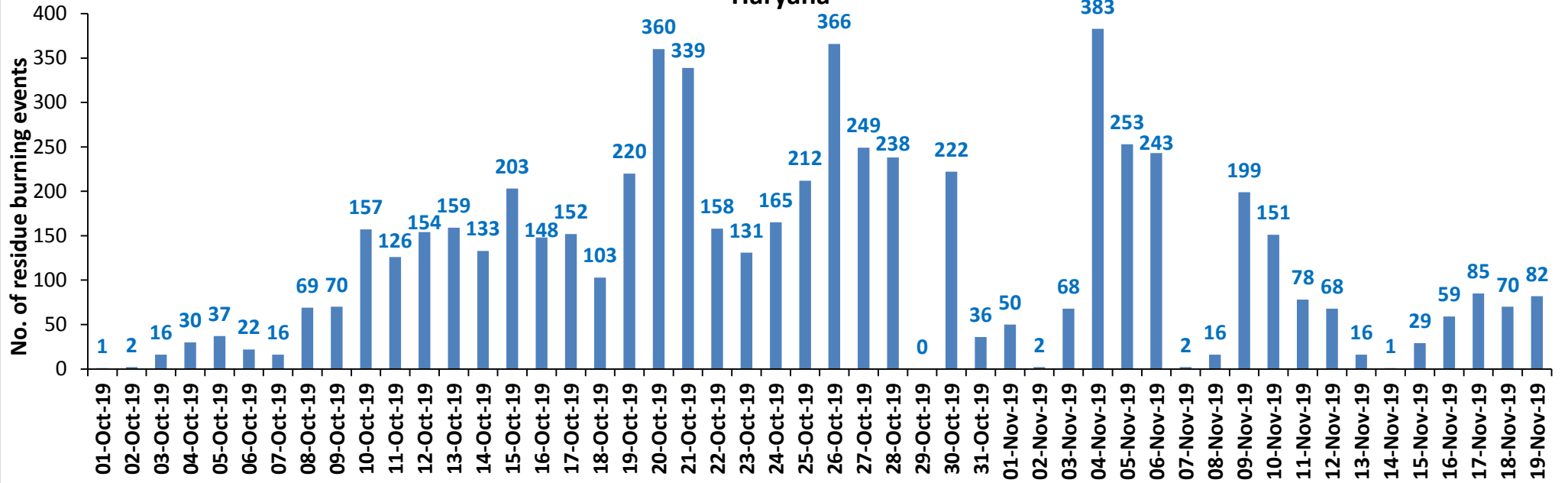
Highlights for 19-November-2019

- Satellites detected **1342** residue burning events in the three study States on **19-Nov-2019**.
- The burning events detected on **19-Nov-2019** are **1221**, **82** and **39** in Punjab, Haryana and UP, respectively.
- The number of events has increased from **923** on **18-Nov-2019** to **1342** on **19-Nov-2019** in the three states.
- Total **58139** burning events were detected in the three States between **01-Oct-2019** and **19-Nov-2019**, which are distributed as **48629**, **6149** and **3361** in Punjab, Haryana and UP, respectively.
- Overall, the total burning events recorded in the three states are **18.4%** less than in 2018 till date. UP recorded **36.1%** reduction, Haryana recorded **25.5%** reduction, and Punjab recorded **15.8%** reduction, respectively, in the current season than in 2018.

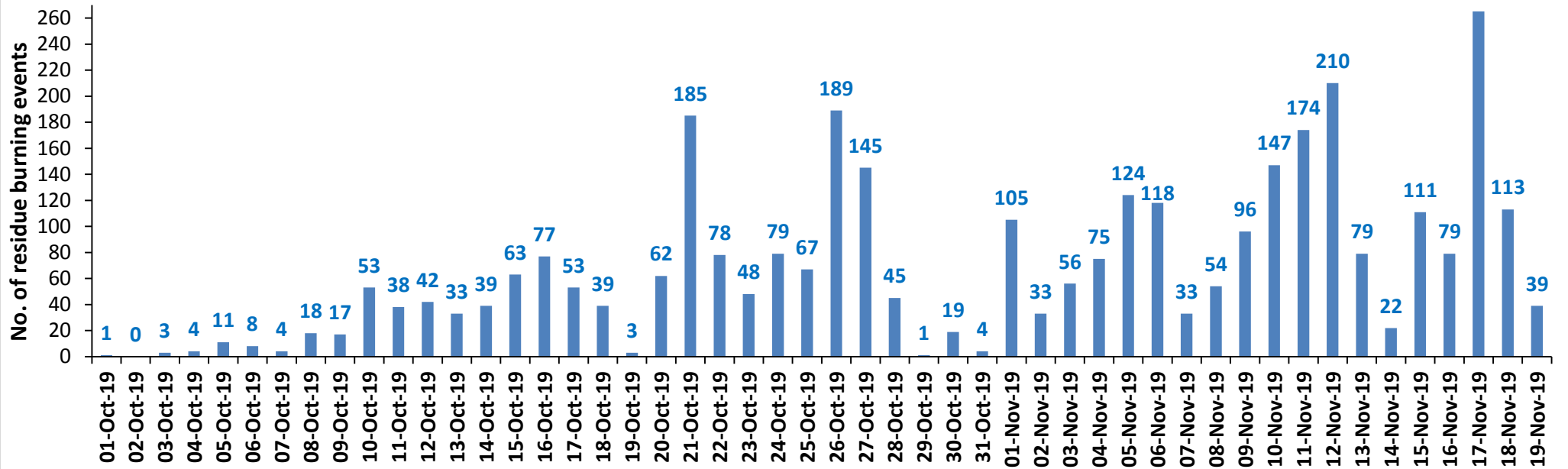
Temporal distribution of residue burning events for the three study States in 2019



Haryana



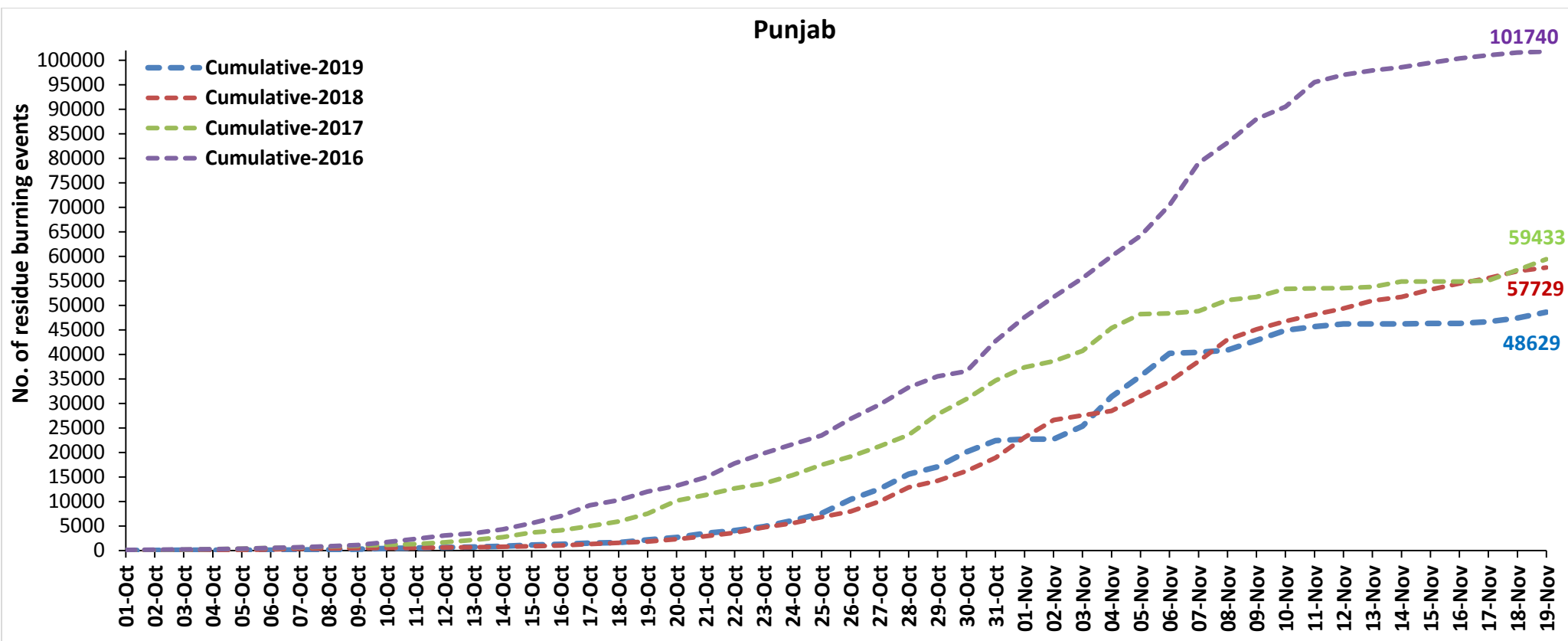
UP



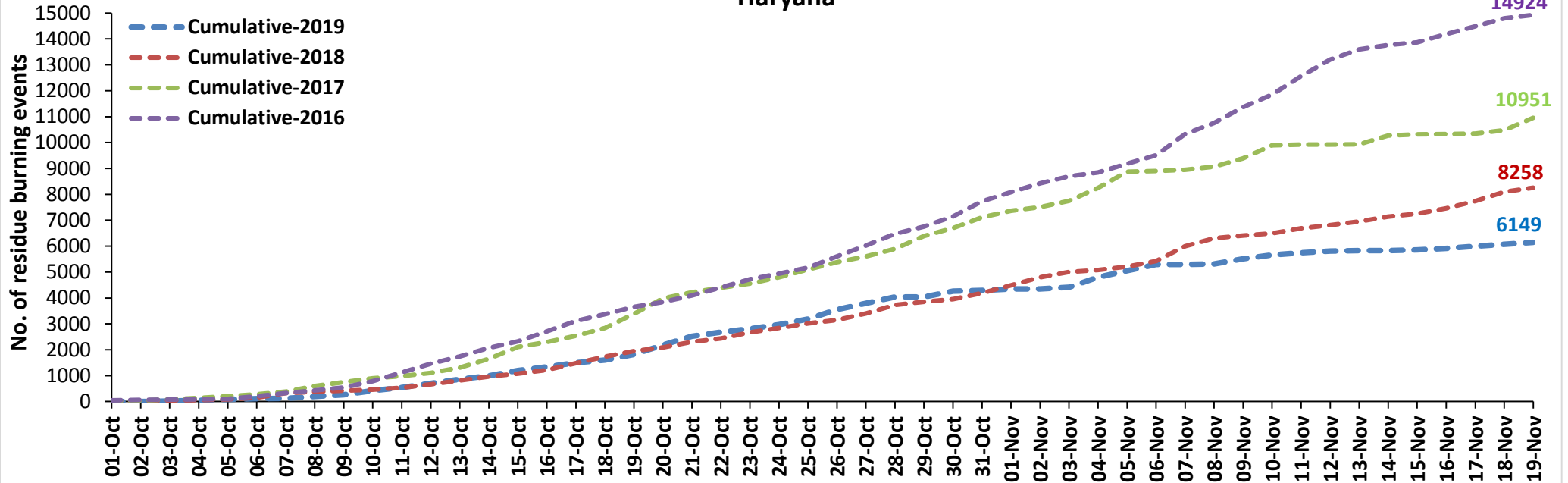
Comparison of residue burning events in current year (2019) with previous years (2018, 2017 & 2016) for the three study States

(01-Oct to 19-Nov)

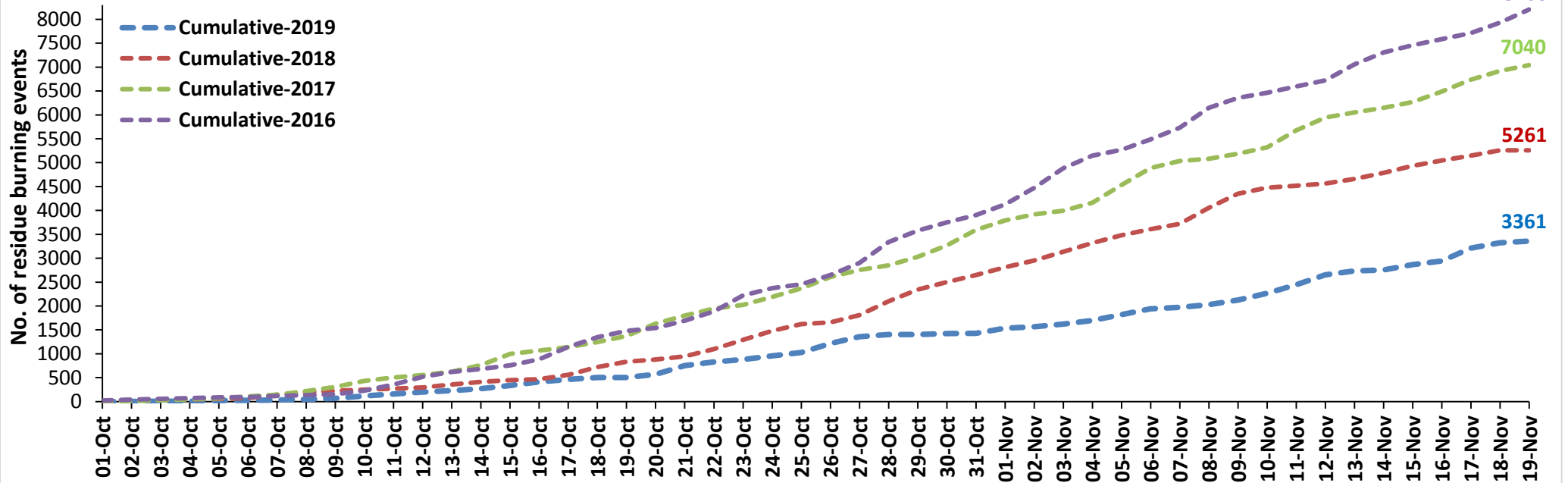
Punjab



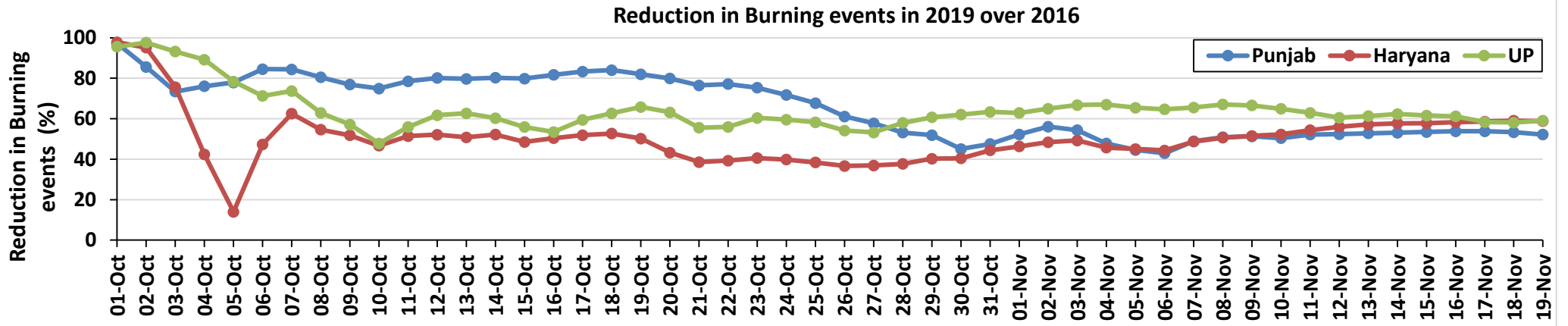
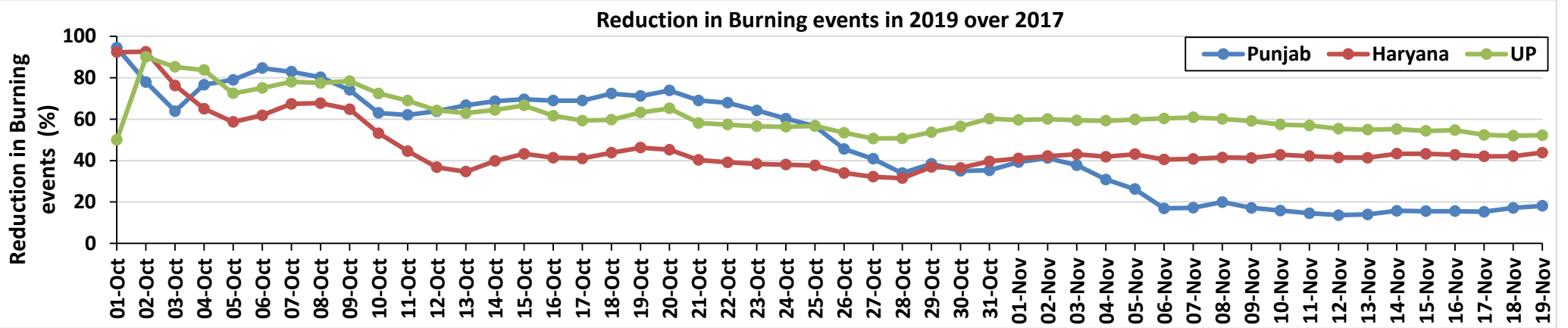
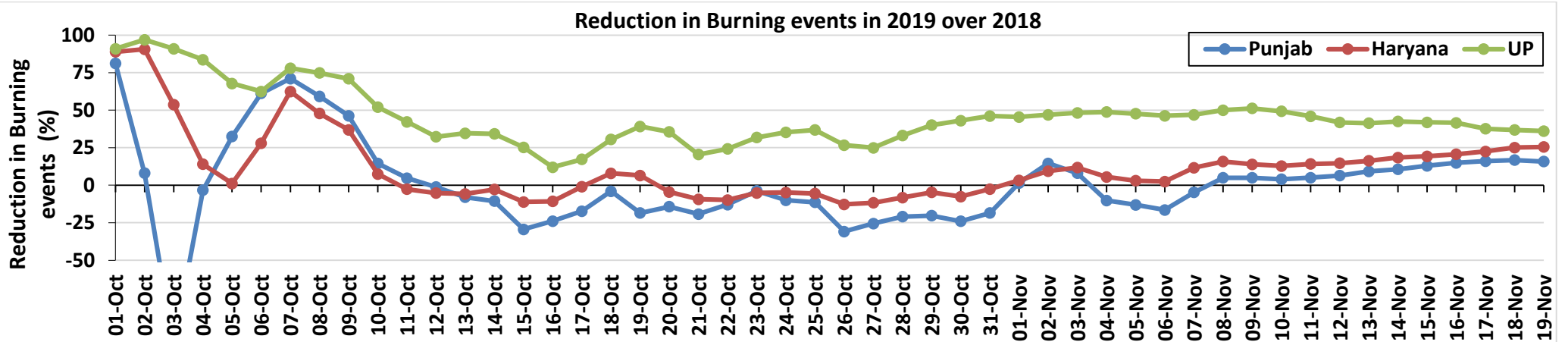
Haryana



UP

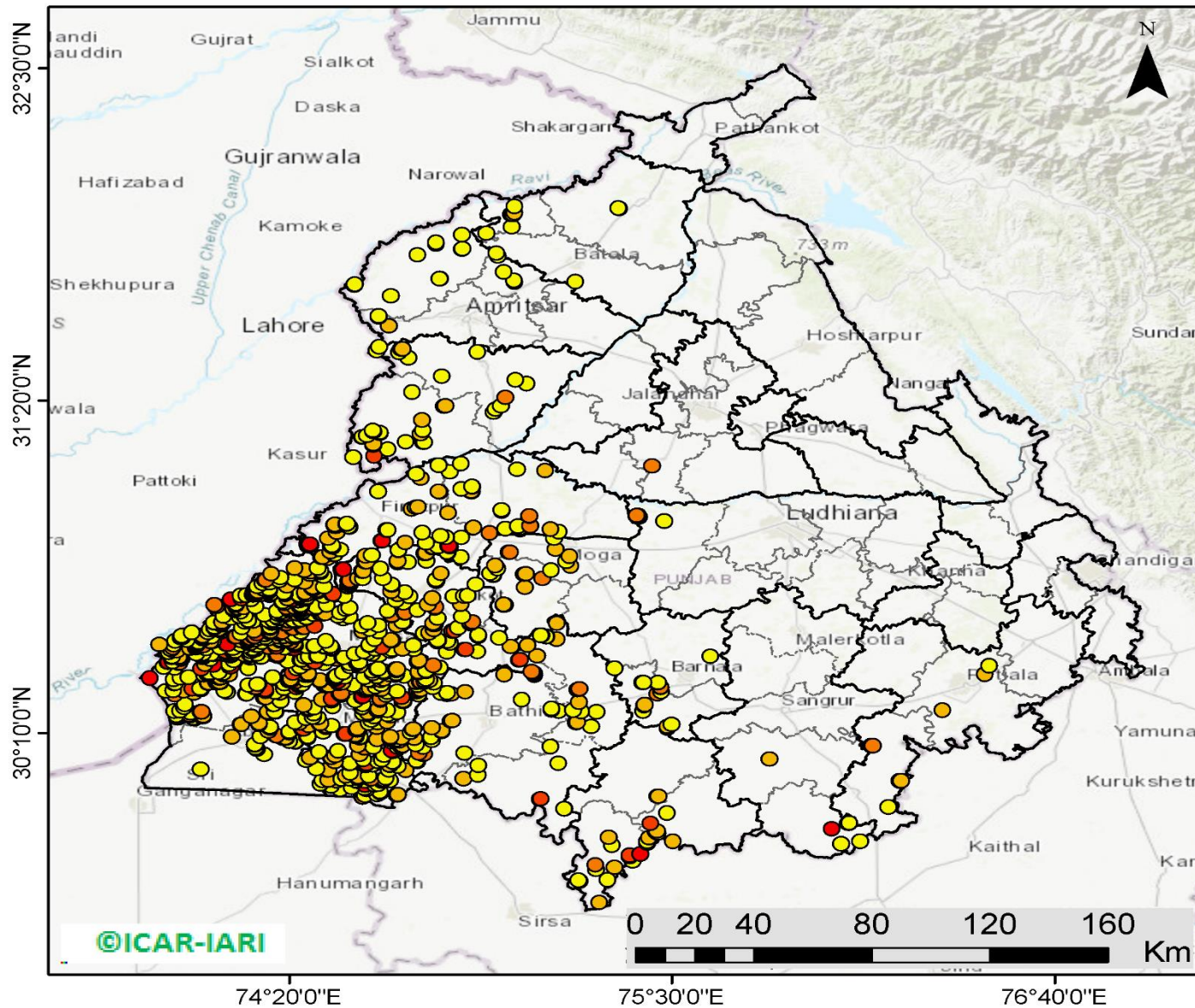


Percent Reduction in Burning events in 2019 over 2018, 2017 and 2016 (Daily Cumulative)



(a) Punjab

RICE RESIDUE BURNING IN PUNJAB



1221 burning events detected in Punjab on 19th November 2019

Fire Intensity (W/m²)

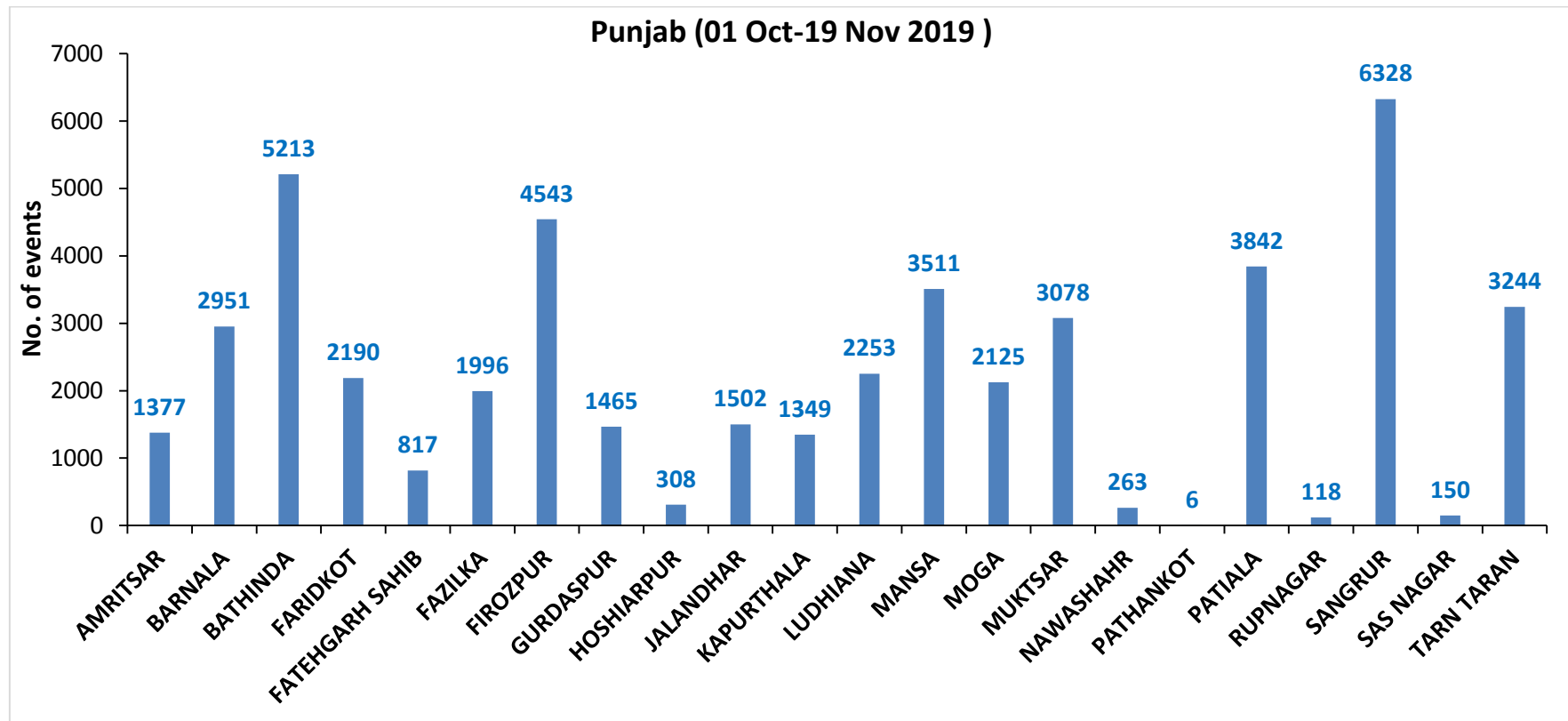
- 0 - 5
- 6 - 10
- 11 - 15
- 16 - 20
- >20



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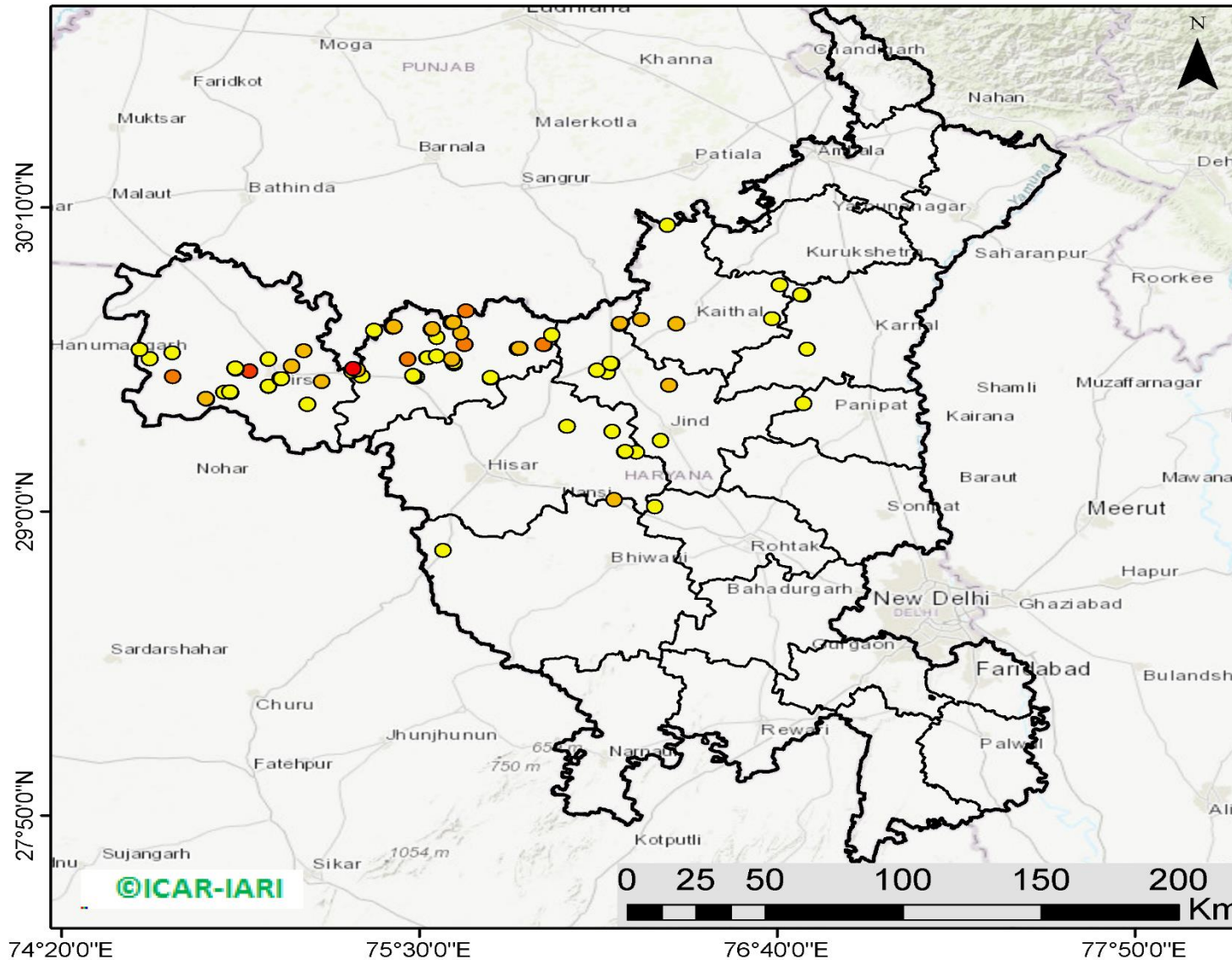
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District-wise cumulative number of residues burning events in Punjab (01 Oct to 19-Nov 2019)



(b) Haryana

RICE RESIDUE BURNING IN HARYANA



82 burning events
detected in Haryana on
19th November 2019

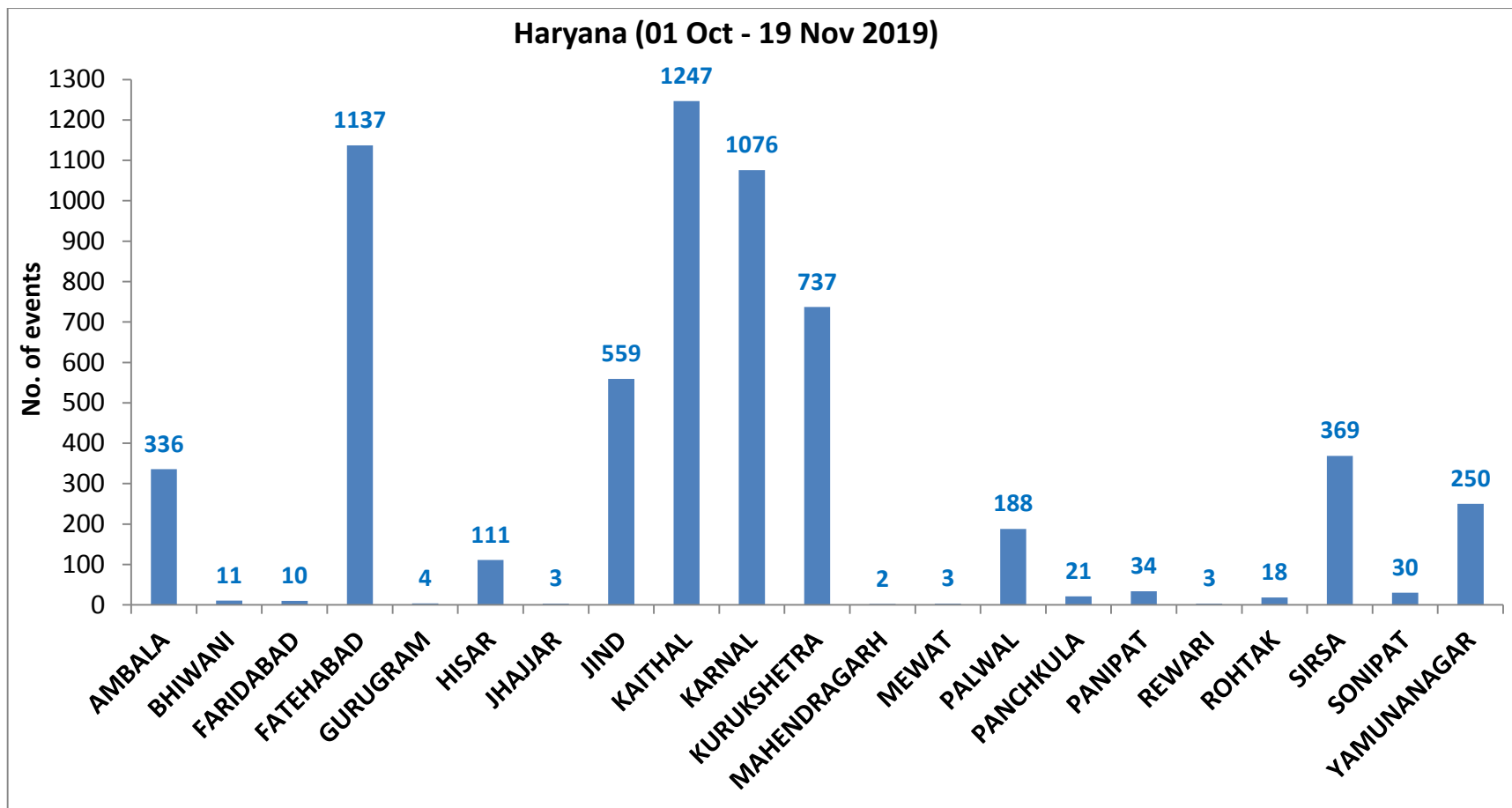
Fire Intensity (W/m²)

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



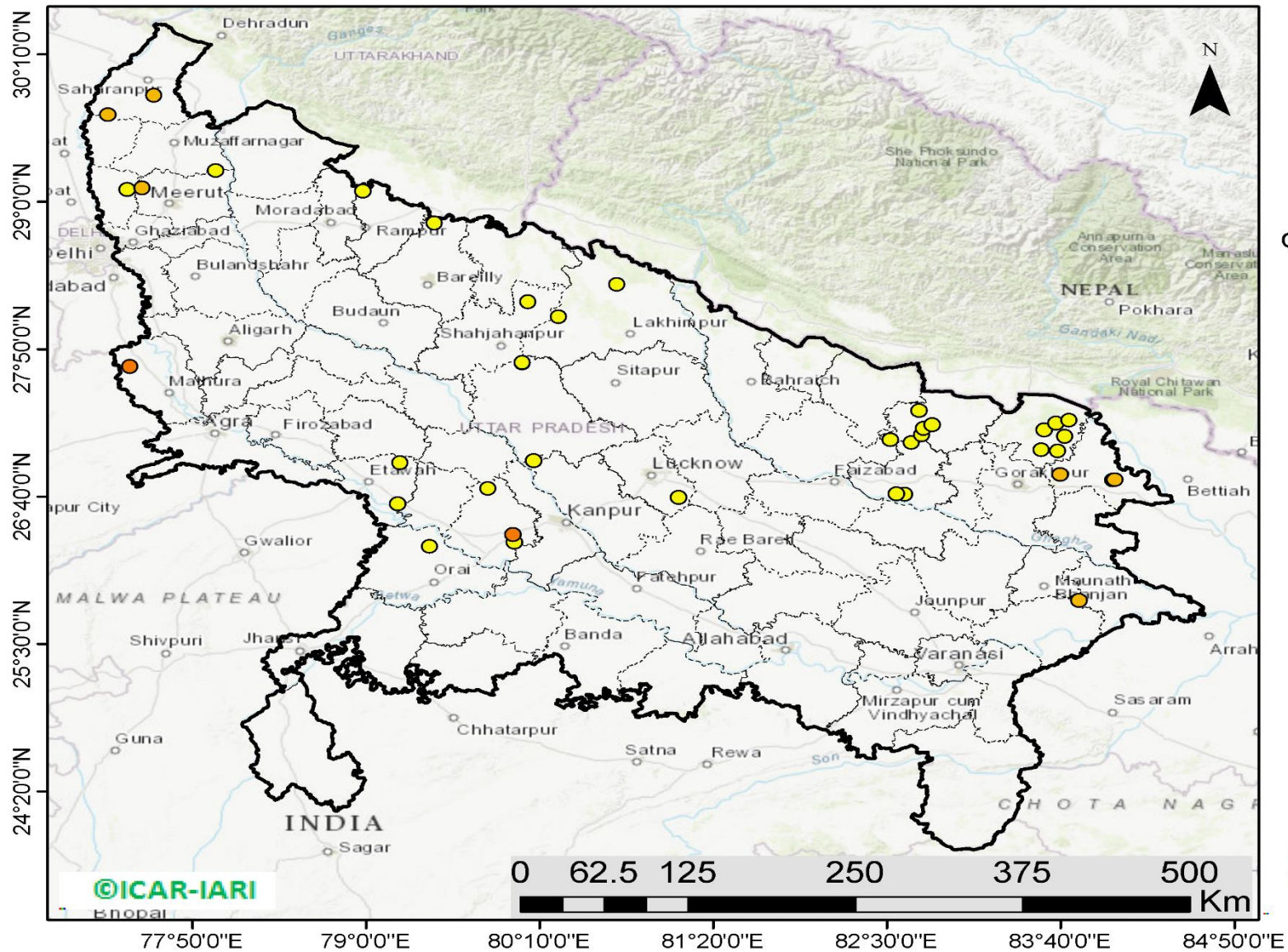
<http://geoportal.icar.gov.in:8080/geoexplorer/composer/>

District-wise cumulative number of residues burning events in Haryana (01 Oct to 19-Nov 2019)



(c) UP

RICE RESIDUE BURNING IN UTTAR PRADESH



39 burning events detected in Uttar Pradesh on 19th November 2019

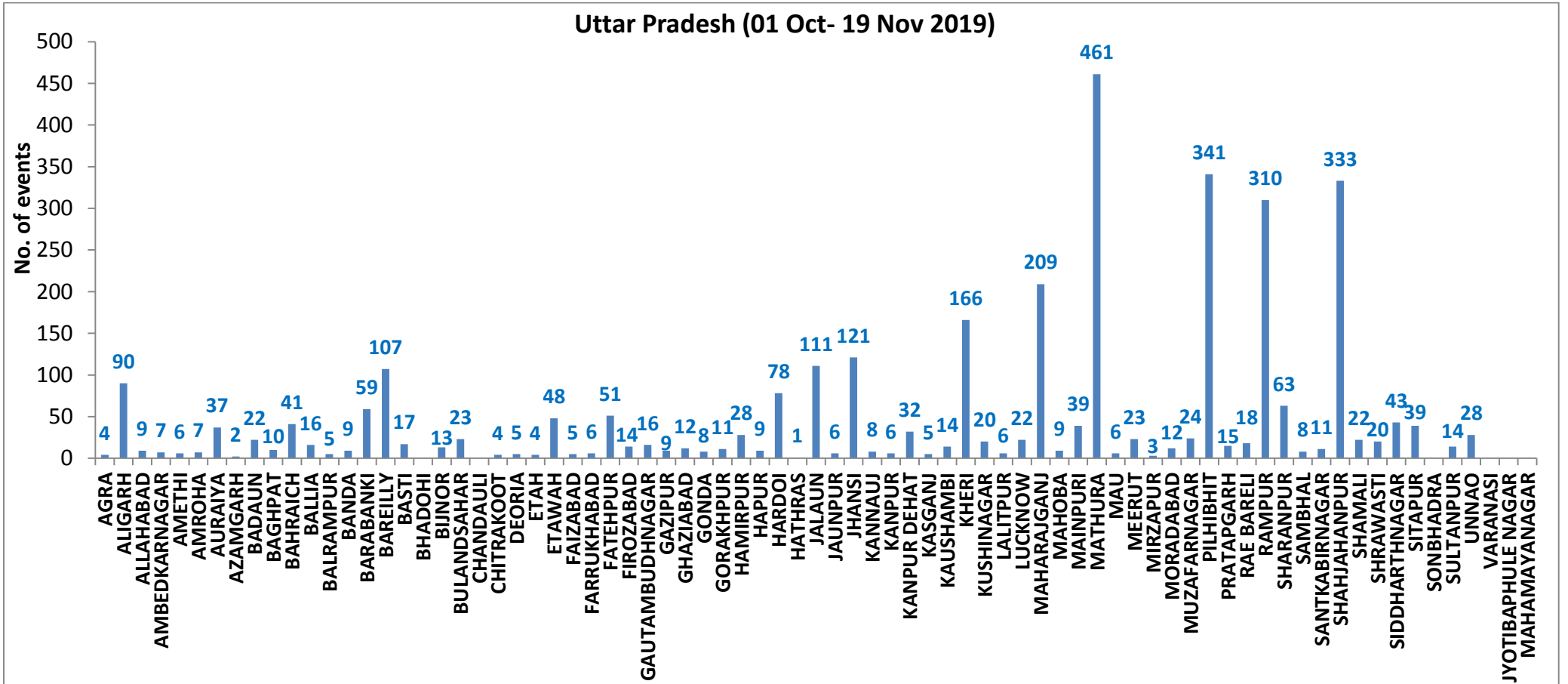
Fire Intensity (W/m^2)

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



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

District-wise cumulative number of residues burning events in Uttar Pradesh (01 Oct to 19-Nov 2019)



State-wise, date-wise and district-wise number of residues burning events detected in 2016, 2017, 2018 and 2019
(Period: 01-Oct to 19-Nov)

Date	Punjab				Haryana				UP				Total			
	2019	2018	2017	2016	2019	2018	2017	2016	2019	2018	2017	2016	2019	2018	2017	2016
01-Oct	3	16	54	109	1	9	13	46	1	11	2	23	5	36	69	178
02-Oct	20	9	50	51	2	23	27	16	0	21	8	20	23	53	85	87
03-Oct	37	4	62	66	16	9	40	16	3	12	17	16	56	25	119	98
04-Oct	3	32	103	37	30	16	60	7	4	5	22	15	37	53	185	59
05-Oct	16	56	106	95	37	30	68	15	11	10	20	14	64	96	194	124
06-Oct	0	87	138	152	22	63	75	105	8	13	39	6	30	163	252	263
07-Oct	27	162	105	171	16	180	97	126	4	69	33	24	47	411	235	321
08-Oct	59	39	215	166	69	40	218	94	18	54	76	14	146	133	509	274
09-Oct	93	75	163	270	70	47	148	121	17	32	88	22	180	154	399	413
10-Oct	172	23	164	597	157	37	151	242	53	21	126	74	382	81	441	913
11-Oct	78	30	177	652	126	78	87	336	38	24	74	128	242	131	338	1116
12-Oct	99	67	342	694	154	133	123	338	42	22	51	164	295	222	516	1196
13-Oct	108	62	470	467	159	147	207	284	33	61	69	102	300	270	746	853
14-Oct	141	112	582	812	133	153	333	328	39	57	137	60	313	322	1052	1200
15-Oct	262	90	943	1215	203	110	458	248	63	35	237	76	528	235	1638	1539
16-Oct	168	174	465	1478	148	138	186	385	77	20	71	125	393	332	722	1988
17-Oct	250	272	807	2173	152	268	244	399	53	94	69	261	455	634	1120	2833
18-Oct	100	263	970	1065	103	255	306	270	39	163	108	204	242	681	1384	1539
19-Oct	529	254	1591	1762	220	208	541	276	3	108	128	132	752	570	2260	2170
20-Oct	490	496	2653	1175	360	141	597	188	62	49	255	62	912	686	3505	1425
21-Oct	852	618	1139	1726	339	217	233	257	185	66	168	152	1376	901	1540	2135
22-Oct	555	656	1356	2837	158	134	186	309	78	149	151	194	791	939	1693	3340
23-Oct	827	1113	994	2040	131	232	155	313	48	193	72	331	1006	1538	1221	2684
24-Oct	1220	844	1714	1836	165	166	244	221	79	192	171	152	1464	1202	2129	2209
25-Oct	1463	1247	2104	1813	212	182	303	229	67	142	175	83	1742	1571	2582	2125
26-Oct	2861	1173	1715	3390	366	132	276	434	189	33	240	195	3416	1338	2231	4019
27-Oct	2135	2040	2069	2904	249	252	224	417	145	154	145	255	2529	2446	2438	3576
28-Oct	3007	2864	2318	3493	238	330	292	458	45	290	99	435	3290	3484	2709	4386
29-Oct	1504	1321	4184	2258	0	124	502	278	1	243	180	237	1505	1688	4866	2773
30-Oct	3017	2008	3152	1076	222	103	307	395	19	158	238	175	3258	2269	3697	1646
31-Oct	2325	2715	3743	6132	36	229	413	575	4	148	321	153	2365	3092	4477	6860
01-Nov	293	4140	2736	4843	50	306	250	362	105	161	199	223	448	4607	3185	5428
02-Nov	6	3550	1246	4183	2	306	145	332	33	142	131	345	41	3998	1522	4860

03-Nov	2646	972	2109	3806	68	202	240	275	56	181	75	409	2770	1355	2424	4490
04-Nov	6001	882	4603	4477	383	77	499	146	75	183	168	265	6459	1142	5270	4888
05-Nov	4199	2989	2876	4137	253	129	625	345	124	163	367	125	4576	3281	3868	4607
06-Nov	4642	3071	171	6303	243	222	26	322	118	130	357	215	5003	3423	554	6840
07-Nov	189	4033	420	8575	2	568	46	821	33	108	149	244	224	4709	615	9640
08-Nov	462	4450	2256	4129	16	313	128	432	54	338	43	419	532	5101	2427	4980
09-Nov	2003	2083	675	4857	199	199	311	608	96	294	107	205	2298	2473	1093	5670
10-Nov	2046	1675	1642	2468	151	85	509	484	147	125	131	109	2344	1885	2282	3061
11-Nov	783	1364	103	5040	78	196	29	716	174	45	358	129	1035	1605	490	5885
12-Nov	520	1256	33	1477	68	122	3	634	210	45	269	129	798	1423	305	2240
13-Nov	10	1563	237	885	16	146	7	389	79	94	109	338	105	1803	353	1612
14-Nov	0	765	1101	692	1	189	340	171	22	128	95	247	23	1082	1536	1110
15-Nov	92	1480	5	871	29	107	40	107	111	146	123	154	232	1733	168	1132
16-Nov	23	1250	8	911	59	204	17	318	79	112	218	123	161	1566	243	1352
17-Nov	332	1132	217	638	85	289	12	299	265	103	249	130	682	1524	478	1067
18-Nov	740	1400	2147	568	70	356	139	312	113	111	180	217	923	1867	2466	1097
19-Nov	1221	752	2200	168	82	159	471	125	39	3	122	273	1342	914	2793	566
Total	48629	57729	59433	101740	6149	8258	10951	14924	3361	5261	7040	8203	58139	71248	77424	124867

(a) Punjab

Districts	01Oct-19 Nov			
	2016	2017	2018	2019
AMRITSAR	2153	1249	1246	1377
BARNALA	5689	2844	3205	2951
BATHINDA	8807	4862	6225	5213
FARIDKOT	4616	3183	2997	2190
FATEHGARH SAHIB	2456	1614	846	817
FAZILKA	0	0	0	1996
FIROZPUR	13415	8170	9520	4543
GURDASPUR	2206	1510	1124	1465
HOSHIARPUR	899	478	195	308
JALANDHAR	4653	2003	1359	1502
KAPURTHALA	3133	1545	739	1349
LUDHIANA	9490	4008	2777	2253
MANSA	5603	4199	4244	3511
MOGA	6391	2045	2653	2125
MUKTSAR	6930	4296	5501	3078
NAWASHAHR (SBS Nagar)	1601	793	369	263
PATHANKOT	0	0	0	6
PATIALA	6535	5016	4200	3842
RUPNAGAR	713	326	82	118
SANGRUR	11850	8263	7743	6328
SAS NAGAR	114	107	104	150
TARN TARAN	4486	2922	2600	3244
Total	101740	59433	57729	48629

(b) Haryana

Districts	01Oct-19 Nov			
	2016	2017	2018	2019
AMBALA	530	492	326	336
BHIWANI	74	27	13	11
FARIDABAD	284	341	185	10
FATEHABAD	4710	3148	2268	1137
GURUGRAM	0	0	0	4
HISAR	372	168	168	111
JHAJJAR	28	16	17	3
JIND	840	911	827	559
KAITHAL	1746	1499	1286	1247
KARNAL	1624	1487	841	1076
KURUKSHETRA	1076	1141	680	737
MAHENDRAGARH	0	0	0	2
MEWAT	0	0	0	3
PALWAL	0	0	0	188
PANCHKULA	0	0	3	21
PANIPAT	79	78	55	34
REWARI	0	0	0	3
ROHTAK	84	53	27	18
SIRSA	3158	1224	1347	369
SONIPAT	80	58	30	30
YAMUNANAGAR	239	308	185	250
Total	14924	10951	8258	6149

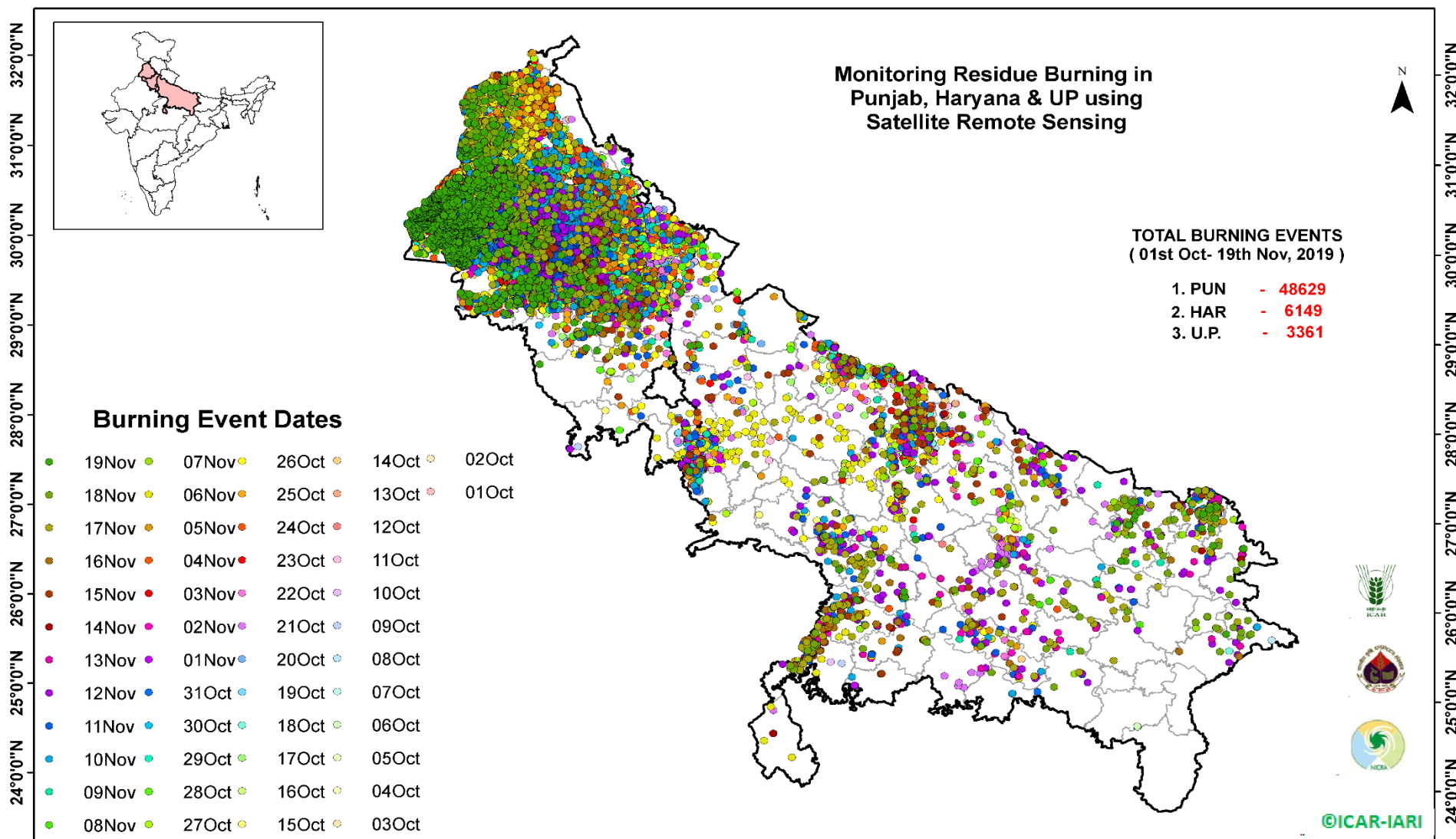
(c) Uttar Pradesh

Districts	01Oct-19 Nov			
	2016	2017	2018	2019
AGRA	0	0	0	4
ALIGARH	52	76	92	90
ALLAHABAD	5	8	11	9
AMBEDKARNAGAR	66	29	14	7
AMETHI	0	0	0	6
AMROHA	0	0	0	7
AURAIYA	207	177	52	37
AZAMGARH	32	26	20	2
BADAUN	6	7	9	22
BAGHPAT	0	0	0	10
BAHRAICH	63	39	57	41
BALLIA	17	21	12	16
BALRAMPUR	30	27	39	5
BANDA	2	14	8	9
BARABANKI	212	151	171	59
BAREILLY	240	199	114	107
BASTI	135	180	106	17
BHADOHI	0	0	0	0
BIJNOR	49	39	8	13
BULANDSAHAR	24	28	12	23
CHANDAULI	6	5	0	0
CHITRAKOOT	0	0	0	4
DEORIA	52	53	43	5
ETAH	17	28	24	4
ETAWAH	120	96	41	48
FAIZABAD	13	10	7	5
FARRUKHABAD	0	0	0	6
FATEHPUR	52	36	70	51
FIROZABAD	23	18	9	14

GAUTAMBUDHNAGAR	20	34	11	16
GAZIPUR	13	8	10	9
GHAZIABAD	65	42	27	12
GONDA	45	33	18	8
GORAKHPUR	56	96	79	11
HAMIRPUR	0	0	1	28
HAPUR	0	0	0	9
HARDOI	235	192	108	78
HATHRAS	0	0	0	1
JALAUN	0	0	0	111
JAUNPUR	15	12	14	6
JHANSI	0	0	2	121
KANNAUJ	28	14	6	8
KANPUR	11	7	10	6
KANPUR DEHAT	47	47	19	32
KASGANJ	0	0	0	5
KAUSHAMBI	19	36	35	14
KHERI	407	256	183	166
KUSHINAGAR	39	89	73	20
LALITPUR	0	0	0	6
LUCKNOW	60	30	26	22
MAHARAJGANJ	530	852	791	209
MAHOBA	0	0	0	9
MAINPURI	79	82	43	39
MATHURA	1441	1082	1048	461
MAU	11	8	9	6
MEERUT	67	68	16	23
MIRZAPUR	3	12	5	3
MORADABAD	45	32	11	12
MUZAFARNAGAR	116	120	34	24
PILHIBHIT	925	710	426	341
PRATAPGARH	35	34	25	15

RAE BARELI	69	53	32	18
RAMPUR	614	618	220	310
SHARANPUR	93	109	52	63
SAMBHAL	0	0	0	8
SANTKABIRNAGAR	53	59	48	11
SHAHJAHANPUR	1124	676	373	333
SHAMALI	0	0	0	22
SHRAWASTI	32	29	35	20
SIDDHARTHANAGAR	232	165	434	43
SITAPUR	115	70	36	39
SONBHADRA	14	13	10	0
SULTANPUR	50	24	23	14
UNNAO	59	46	37	28
VARANASI	1	0	0	0
JYOTIBAPHULE NAGAR	10	13	4	0
MAHAMAYANAGAR	2	2	8	0
Total	8203	7040	5261	3361

Map of Cumulative Burning Events (01 Oct – 19 Nov 2019)



[\(http://geoportal.icar.gov.in:8080/geoexplorer/composer/\)](http://geoportal.icar.gov.in:8080/geoexplorer/composer/)

Details of residue burning events in Punjab on 19-Nov-2019

S. No.	District	Tehsil / Block	Satellite	Longitude	Latitude	Time (IST)	Day / Night	Fire Power (W/m2)
1	AMRITSAR	AJNALA	S-NPP	74.60568	31.62820	14:12:00	D	4.00
2	AMRITSAR	AJNALA	S-NPP	74.60569	31.63056	14:12:00	D	3.80
3	AMRITSAR	AJNALA	S-NPP	74.64239	31.70093	14:12:00	D	1.80
4	AMRITSAR	AJNALA	S-NPP	74.53191	31.73885	14:12:00	D	3.40
5	AMRITSAR	AJNALA	S-NPP	74.53278	31.74142	14:12:00	D	3.10
6	AMRITSAR	AJNALA	S-NPP	74.79305	31.76070	14:12:00	D	2.00
7	AMRITSAR	AJNALA	S-NPP	74.79204	31.76184	14:12:00	D	1.90
8	AMRITSAR	AJNALA	S-NPP	74.72426	31.84429	14:12:00	D	3.40
9	AMRITSAR	AJNALA	S-NPP	74.86037	31.86502	14:12:00	D	2.20
10	AMRITSAR	AJNALA	S-NPP	74.86076	31.86646	14:12:00	D	2.90
11	AMRITSAR	AJNALA	S-NPP	74.78182	31.88310	14:12:00	D	3.30
12	AMRITSAR	AJNALA	S-NPP	74.78133	31.88853	14:12:00	D	3.30
13	AMRITSAR	AJNALA	S-NPP	74.86055	31.91580	14:12:00	D	2.80
14	AMRITSAR	AMRITSAR I	S-NPP	75.01991	31.74944	14:12:00	D	3.50
15	AMRITSAR	AMRITSAR I	S-NPP	75.01944	31.75493	14:12:00	D	2.90
16	AMRITSAR	AMRITSAR I	S-NPP	74.98692	31.78571	14:12:00	D	2.10
17	AMRITSAR	AMRITSAR II	S-NPP	74.60036	31.50898	14:12:00	D	2.70
18	AMRITSAR	AMRITSAR II	S-NPP	74.60772	31.52294	14:12:00	D	3.80
19	AMRITSAR	AMRITSAR II	S-NPP	74.63641	31.59504	14:12:00	D	8.30
20	BARNALA	BARNALA	S-NPP	75.46539	30.32489	14:12:00	D	12.80
21	BARNALA	BARNALA	S-NPP	75.46597	30.32660	14:12:00	D	13.20
22	BARNALA	BARNALA	S-NPP	75.45617	30.34266	14:12:00	D	2.40
23	BARNALA	BARNALA	S-NPP	75.61777	30.43592	12:36:00	D	3.30
24	BARNALA	TAPPA	S-NPP	75.48631	30.18347	14:12:00	D	4.00
25	BARNALA	TAPPA	S-NPP	75.48583	30.18903	14:12:00	D	8.90
26	BARNALA	TAPPA	S-NPP	75.49797	30.19549	14:12:00	D	2.70
27	BARNALA	TAPPA	S-NPP	75.41177	30.24305	12:36:00	D	4.30
28	BARNALA	TAPPA	S-NPP	75.41481	30.26355	12:36:00	D	6.90
29	BARNALA	TAPPA	S-NPP	75.41728	30.26530	12:36:00	D	9.10
30	BARNALA	TAPPA	S-NPP	75.45527	30.30344	14:12:00	D	12.50

31	BARNALA	TAPPA	S-NPP	75.46739	30.30991	14:12:00	D	3.90
32	BARNALA	TAPPA	S-NPP	75.45553	30.34101	14:12:00	D	2.00
33	BARNALA	TAPPA	S-NPP	75.40889	30.34345	14:12:00	D	4.30
34	BARNALA	TAPPA	S-NPP	75.41307	30.34373	14:12:00	D	4.30
35	BARNALA	TAPPA	S-NPP	75.32508	30.39326	14:12:00	D	2.50
36	BATHINDA	BATHINDA	S-NPP	74.72464	30.06504	14:12:00	D	3.30
37	BATHINDA	BATHINDA	S-NPP	74.72118	30.06832	14:12:00	D	4.30
38	BATHINDA	BATHINDA	S-NPP	74.74174	30.09123	14:12:00	D	5.10
39	BATHINDA	BATHINDA	S-NPP	74.74552	30.09151	14:12:00	D	11.90
40	BATHINDA	BATHINDA	S-NPP	74.86787	30.09513	14:12:00	D	3.40
41	BATHINDA	BATHINDA	S-NPP	74.72993	30.09571	14:12:00	D	10.30
42	BATHINDA	BATHINDA	S-NPP	74.66371	30.11740	14:12:00	D	4.00
43	BATHINDA	BATHINDA	S-NPP	74.74301	30.11810	14:12:00	D	3.40
44	BATHINDA	BATHINDA	S-NPP	74.67490	30.11825	14:12:00	D	7.70
45	BATHINDA	BATHINDA	S-NPP	74.67814	30.12384	14:12:00	D	7.70
46	BATHINDA	BATHINDA	S-NPP	74.71939	30.12700	14:12:00	D	3.20
47	BATHINDA	BATHINDA	S-NPP	74.64308	30.13711	14:12:00	D	3.90
48	BATHINDA	BATHINDA	S-NPP	74.66918	30.13914	14:12:00	D	7.80
49	BATHINDA	BATHINDA	S-NPP	74.76749	30.14140	14:12:00	D	3.80
50	BATHINDA	BATHINDA	S-NPP	74.64630	30.14269	14:12:00	D	3.90
51	BATHINDA	BATHINDA	S-NPP	74.65003	30.14298	14:12:00	D	5.10
52	BATHINDA	BATHINDA	S-NPP	74.66122	30.14385	14:12:00	D	4.20
53	BATHINDA	BATHINDA	S-NPP	74.64209	30.14768	14:12:00	D	8.20
54	BATHINDA	BATHINDA	S-NPP	74.71365	30.14795	14:12:00	D	5.60
55	BATHINDA	BATHINDA	S-NPP	74.67567	30.15032	14:12:00	D	8.00
56	BATHINDA	BATHINDA	S-NPP	74.76649	30.15205	14:12:00	D	3.30
57	BATHINDA	BATHINDA	S-NPP	74.79922	30.17071	14:12:00	D	8.90
58	BATHINDA	BATHINDA	S-NPP	74.79858	30.17416	14:12:00	D	8.40
59	BATHINDA	BATHINDA	S-NPP	74.76733	30.18431	14:12:00	D	9.10
60	BATHINDA	BATHINDA	S-NPP	74.82613	30.20844	14:12:00	D	9.00
61	BATHINDA	BATHINDA	S-NPP	74.82997	30.20872	14:12:00	D	9.00
62	BATHINDA	BATHINDA	S-NPP	75.15472	30.24314	14:12:00	D	3.40
63	BATHINDA	BATHINDA	S-NPP	75.19908	30.24632	14:12:00	D	1.90

64	BATHINDA	BATHINDA	S-NPP	75.13273	30.24792	12:36:00	D	9.10
65	BATHINDA	BATHINDA	S-NPP	75.13367	30.25261	14:12:00	D	4.60
66	BATHINDA	BATHINDA	S-NPP	75.21688	30.27514	14:12:00	D	5.90
67	BATHINDA	BATHINDA	S-NPP	75.04263	30.28419	14:12:00	D	2.70
68	BATHINDA	BATHINDA	S-NPP	74.81227	30.30156	14:12:00	D	3.00
69	BATHINDA	BATHINDA	S-NPP	74.81609	30.30184	14:12:00	D	4.40
70	BATHINDA	BATHINDA	S-NPP	74.82761	30.30267	14:12:00	D	5.40
71	BATHINDA	BATHINDA	S-NPP	74.79644	30.30579	14:12:00	D	3.10
72	BATHINDA	BATHINDA	S-NPP	74.81561	30.30719	14:12:00	D	3.60
73	BATHINDA	BATHINDA	S-NPP	74.86957	30.31111	14:12:00	D	6.20
74	BATHINDA	BATHINDA	S-NPP	74.77383	30.34176	14:12:00	D	2.40
75	BATHINDA	BATHINDA	S-NPP	74.74664	30.34508	14:12:00	D	3.70
76	BATHINDA	BATHINDA	S-NPP	74.74613	30.35041	14:12:00	D	3.70
77	BATHINDA	BATHINDA	S-NPP	75.08185	30.37009	14:12:00	D	2.40
78	BATHINDA	BATHINDA	TERRA	74.98900	30.37100	11:20:00	D	9.40
79	BATHINDA	BATHINDA	S-NPP	75.08136	30.37553	14:12:00	D	2.40
80	BATHINDA	BATHINDA	S-NPP	75.07656	30.37836	12:36:00	D	8.50
81	BATHINDA	BATHINDA	S-NPP	75.07246	30.38204	12:36:00	D	10.70
82	BATHINDA	RAMPURA PHUL	S-NPP	75.25302	30.18885	14:12:00	D	2.40
83	BATHINDA	RAMPURA PHUL	S-NPP	75.20702	30.20196	14:12:00	D	5.20
84	BATHINDA	RAMPURA PHUL	S-NPP	75.21104	30.20227	14:12:00	D	5.20
85	BATHINDA	RAMPURA PHUL	S-NPP	75.20707	30.20282	14:12:00	D	5.30
86	BATHINDA	RAMPURA PHUL	S-NPP	75.21111	30.20310	14:12:00	D	5.30
87	BATHINDA	RAMPURA PHUL	S-NPP	75.26916	30.24023	14:12:00	D	5.00
88	BATHINDA	RAMPURA PHUL	S-NPP	75.22386	30.24256	14:12:00	D	2.90
89	BATHINDA	RAMPURA PHUL	S-NPP	75.21139	30.31861	12:36:00	D	9.90
90	BATHINDA	RAMPURA PHUL	S-NPP	75.21597	30.31904	12:36:00	D	11.80
91	BATHINDA	RAMPURA PHUL	S-NPP	75.21767	30.32033	12:36:00	D	13.60
92	BATHINDA	RAMPURA PHUL	S-NPP	75.08787	30.43722	14:12:00	D	5.20
93	BATHINDA	RAMPURA PHUL	S-NPP	75.06044	30.47359	14:12:00	D	6.20
94	BATHINDA	RAMPURA PHUL	S-NPP	75.14747	30.49643	14:12:00	D	6.10
95	BATHINDA	RAMPURA PHUL	S-NPP	75.11823	30.50527	14:12:00	D	3.60
96	BATHINDA	RAMPURA PHUL	S-NPP	75.11729	30.50538	14:12:00	D	3.60

97	BATHINDA	RAMPURA PHUL	S-NPP	75.10165	30.50952	14:12:00	D	1.90
98	BATHINDA	RAMPURA PHUL	S-NPP	75.10067	30.50974	14:12:00	D	1.80
99	BATHINDA	RAMPURA PHUL	S-NPP	75.14974	30.55161	14:12:00	D	8.60
100	BATHINDA	TALWANDI SABO	S-NPP	75.17329	29.90026	14:12:00	D	1.70
101	BATHINDA	TALWANDI SABO	S-NPP	75.17206	29.90109	14:12:00	D	5.00
102	BATHINDA	TALWANDI SABO	S-NPP	75.09724	29.93395	14:12:00	D	14.10
103	BATHINDA	TALWANDI SABO	S-NPP	75.10118	29.93424	14:12:00	D	18.70
104	BATHINDA	TALWANDI SABO	S-NPP	74.86372	30.00597	14:12:00	D	6.80
105	BATHINDA	TALWANDI SABO	S-NPP	74.90878	30.02011	14:12:00	D	1.90
106	BATHINDA	TALWANDI SABO	S-NPP	74.90965	30.05259	14:12:00	D	3.70
107	BATHINDA	TALWANDI SABO	S-NPP	75.15379	30.06007	14:12:00	D	3.40
108	BATHINDA	TALWANDI SABO	S-NPP	75.12958	30.11941	14:12:00	D	2.40
109	FARIDKOT	FARIDKOT	S-NPP	74.78568	30.48788	14:12:00	D	5.10
110	FARIDKOT	FARIDKOT	S-NPP	74.78668	30.49101	14:12:00	D	8.80
111	FARIDKOT	FARIDKOT	S-NPP	74.78519	30.49324	14:12:00	D	2.70
112	FARIDKOT	FARIDKOT	S-NPP	74.74430	30.51720	14:12:00	D	4.30
113	FARIDKOT	FARIDKOT	S-NPP	74.75964	30.51832	14:12:00	D	5.40
114	FARIDKOT	FARIDKOT	S-NPP	74.77399	30.53013	14:12:00	D	5.70
115	FARIDKOT	FARIDKOT	S-NPP	74.84745	30.53550	14:12:00	D	3.90
116	FARIDKOT	FARIDKOT	S-NPP	74.77251	30.54618	14:12:00	D	5.90
117	FARIDKOT	FARIDKOT	S-NPP	74.77636	30.54647	14:12:00	D	17.80
118	FARIDKOT	FARIDKOT	S-NPP	74.88544	30.54909	14:12:00	D	4.20
119	FARIDKOT	FARIDKOT	S-NPP	74.77203	30.55153	14:12:00	D	5.90
120	FARIDKOT	FARIDKOT	S-NPP	74.88494	30.55448	14:12:00	D	5.30
121	FARIDKOT	FARIDKOT	S-NPP	74.89276	30.55506	14:12:00	D	10.10
122	FARIDKOT	FARIDKOT	S-NPP	74.78596	30.56875	14:12:00	D	2.90
123	FARIDKOT	FARIDKOT	S-NPP	74.85957	30.57428	14:12:00	D	4.60
124	FARIDKOT	FARIDKOT	S-NPP	74.68551	30.58613	14:12:00	D	11.20
125	FARIDKOT	FARIDKOT	S-NPP	74.68404	30.58783	14:12:00	D	8.10
126	FARIDKOT	FARIDKOT	S-NPP	74.68783	30.58813	14:12:00	D	13.00
127	FARIDKOT	FARIDKOT	S-NPP	74.72545	30.59641	14:12:00	D	3.40
128	FARIDKOT	FARIDKOT	S-NPP	74.77867	30.60594	14:12:00	D	10.90
129	FARIDKOT	FARIDKOT	S-NPP	74.77596	30.60869	14:12:00	D	12.30

130	FARIDKOT	FARIDKOT	S-NPP	74.77982	30.60897	14:12:00	D	11.90
131	FARIDKOT	FARIDKOT	S-NPP	74.75570	30.61802	14:12:00	D	7.30
132	FARIDKOT	FARIDKOT	S-NPP	74.85696	30.61986	14:12:00	D	6.10
133	FARIDKOT	FARIDKOT	S-NPP	74.68205	30.62341	14:12:00	D	2.70
134	FARIDKOT	FARIDKOT	S-NPP	74.65824	30.63237	14:12:00	D	3.20
135	FARIDKOT	FARIDKOT	S-NPP	74.76916	30.64055	14:12:00	D	6.90
136	FARIDKOT	FARIDKOT	S-NPP	74.83503	30.64535	14:12:00	D	1.50
137	FARIDKOT	FARIDKOT	S-NPP	74.69915	30.64614	14:12:00	D	4.10
138	FARIDKOT	FARIDKOT	S-NPP	74.86629	30.64762	14:12:00	D	3.10
139	FARIDKOT	FARIDKOT	S-NPP	74.87800	30.64847	14:12:00	D	3.20
140	FARIDKOT	FARIDKOT	S-NPP	74.66389	30.65422	14:12:00	D	7.70
141	FARIDKOT	FARIDKOT	S-NPP	74.68621	30.66127	14:12:00	D	2.70
142	FARIDKOT	FARIDKOT	S-NPP	74.64390	30.66342	14:12:00	D	5.60
143	FARIDKOT	FARIDKOT	S-NPP	74.51243	30.67887	14:12:00	D	8.90
144	FARIDKOT	FARIDKOT	S-NPP	74.51369	30.68001	14:12:00	D	8.70
145	FARIDKOT	FARIDKOT	S-NPP	74.64571	30.68497	14:12:00	D	2.60
146	FARIDKOT	FARIDKOT	S-NPP	74.51693	30.68558	14:12:00	D	3.10
147	FARIDKOT	FARIDKOT	S-NPP	74.90211	30.68825	14:12:00	D	4.60
148	FARIDKOT	FARIDKOT	S-NPP	74.64414	30.68829	14:12:00	D	4.50
149	FARIDKOT	FARIDKOT	S-NPP	74.51514	30.68970	14:12:00	D	3.70
150	FARIDKOT	FARIDKOT	S-NPP	74.51643	30.69085	14:12:00	D	3.10
151	FARIDKOT	FARIDKOT	S-NPP	74.51837	30.69524	14:12:00	D	10.40
152	FARIDKOT	FARIDKOT	S-NPP	74.78229	30.69802	14:12:00	D	7.30
153	FARIDKOT	FARIDKOT	S-NPP	74.51413	30.70025	14:12:00	D	13.00
154	FARIDKOT	FARIDKOT	S-NPP	74.51787	30.70052	14:12:00	D	10.40
155	FARIDKOT	FARIDKOT	S-NPP	74.77930	30.70064	14:12:00	D	6.50
156	FARIDKOT	FARIDKOT	S-NPP	74.78316	30.70093	14:12:00	D	6.50
157	FARIDKOT	FARIDKOT	S-NPP	74.78178	30.70338	14:12:00	D	3.50
158	FARIDKOT	FARIDKOT	S-NPP	74.54357	30.70772	14:12:00	D	5.20
159	FARIDKOT	FARIDKOT	S-NPP	74.61937	30.70791	14:12:00	D	3.90
160	FARIDKOT	FARIDKOT	S-NPP	74.55857	30.70882	14:12:00	D	1.80
161	FARIDKOT	FARIDKOT	S-NPP	74.79532	30.72593	14:12:00	D	8.70
162	FARIDKOT	FARIDKOT	S-NPP	74.55605	30.73528	14:12:00	D	6.70

163	FARIDKOT	FARIDKOT	S-NPP	74.55982	30.73556	14:12:00	D	7.10
164	FARIDKOT	FARIDKOT	S-NPP	74.49522	30.74133	14:12:00	D	10.60
165	FARIDKOT	FARIDKOT	S-NPP	74.49894	30.74162	14:12:00	D	20.40
166	FARIDKOT	FARIDKOT	S-NPP	74.61211	30.74481	14:12:00	D	2.10
167	FARIDKOT	FARIDKOT	S-NPP	74.66383	30.76475	14:12:00	D	3.60
168	FARIDKOT	FARIDKOT	S-NPP	74.69440	30.76704	14:12:00	D	3.20
169	FARIDKOT	FARIDKOT	S-NPP	74.56436	30.76789	14:12:00	D	5.40
170	FARIDKOT	FARIDKOT	S-NPP	74.56812	30.76818	14:12:00	D	5.40
171	FARIDKOT	FARIDKOT	S-NPP	74.66334	30.77007	14:12:00	D	8.00
172	FARIDKOT	FARIDKOT	S-NPP	74.75214	30.77136	14:12:00	D	3.60
173	FARIDKOT	FARIDKOT	S-NPP	74.56588	30.78839	14:12:00	D	7.60
174	FARIDKOT	FARIDKOT	S-NPP	74.56617	30.78937	14:12:00	D	7.30
175	FARIDKOT	FARIDKOT	S-NPP	74.58475	30.78973	14:12:00	D	3.90
176	FARIDKOT	FARIDKOT	S-NPP	74.58501	30.79083	14:12:00	D	3.90
177	FARIDKOT	FARIDKOT	S-NPP	74.74585	30.79569	14:12:00	D	2.40
178	FARIDKOT	FARIDKOT	S-NPP	74.74972	30.79596	14:12:00	D	2.40
179	FARIDKOT	FARIDKOT	S-NPP	74.74971	30.79814	14:12:00	D	5.30
180	FARIDKOT	FARIDKOT	S-NPP	74.66741	30.80631	14:12:00	D	3.80
181	FARIDKOT	FARIDKOT	S-NPP	74.66755	30.80796	14:12:00	D	4.10
182	FARIDKOT	JAITO	S-NPP	74.77206	30.40408	12:36:00	D	13.00
183	FARIDKOT	JAITO	S-NPP	75.03300	30.42241	14:12:00	D	19.80
184	FARIDKOT	JAITO	S-NPP	75.03696	30.42269	14:12:00	D	19.80
185	FARIDKOT	JAITO	S-NPP	74.81370	30.44993	14:12:00	D	3.60
186	FARIDKOT	JAITO	S-NPP	74.90736	30.45146	14:12:00	D	2.50
187	FARIDKOT	JAITO	S-NPP	74.86741	30.45934	14:12:00	D	10.70
188	FARIDKOT	JAITO	S-NPP	74.87130	30.45963	14:12:00	D	16.40
189	FARIDKOT	JAITO	S-NPP	75.00871	30.46980	14:12:00	D	9.20
190	FARIDKOT	JAITO	S-NPP	74.82236	30.48296	14:12:00	D	1.70
191	FARIDKOT	JAITO	S-NPP	74.81654	30.49006	14:12:00	D	2.00
192	FARIDKOT	JAITO	S-NPP	74.97294	30.50097	14:12:00	D	0.70
193	FARIDKOT	JAITO	S-NPP	74.91030	30.50595	14:12:00	D	4.30
194	FARIDKOT	JAITO	S-NPP	74.90897	30.50739	14:12:00	D	6.10
195	FARIDKOT	JAITO	S-NPP	74.90981	30.51134	14:12:00	D	4.30

196	FARIDKOT	JAITO	S-NPP	74.83073	30.52449	12:36:00	D	16.50
197	FARIDKOT	JAITO	S-NPP	74.83725	30.52630	12:36:00	D	19.40
198	FAZILKA	ABOHAR	S-NPP	74.06327	30.03915	14:12:00	D	3.90
199	FAZILKA	ABOHAR	S-NPP	74.38474	30.06951	14:12:00	D	3.10
200	FAZILKA	ABOHAR	S-NPP	74.25739	30.09082	14:12:00	D	1.40
201	FAZILKA	ABOHAR	S-NPP	74.23426	30.10975	14:12:00	D	9.30
202	FAZILKA	ABOHAR	S-NPP	74.23025	30.11462	14:12:00	D	3.40
203	FAZILKA	ABOHAR	S-NPP	74.22923	30.12493	14:12:00	D	6.90
204	FAZILKA	ABOHAR	S-NPP	74.22814	30.12678	14:12:00	D	2.30
205	FAZILKA	ABOHAR	S-NPP	74.35307	30.13508	14:12:00	D	4.60
206	FAZILKA	ABOHAR	S-NPP	74.35223	30.13613	14:12:00	D	4.40
207	FAZILKA	ABOHAR	S-NPP	74.33474	30.13881	14:12:00	D	3.00
208	FAZILKA	ABOHAR	S-NPP	74.32306	30.14830	14:12:00	D	5.60
209	FAZILKA	ABOHAR	S-NPP	74.31499	30.14900	14:12:00	D	2.90
210	FAZILKA	ABOHAR	S-NPP	74.32211	30.14954	14:12:00	D	6.80
211	FAZILKA	ABOHAR	S-NPP	74.15859	30.15252	14:12:00	D	7.60
212	FAZILKA	ABOHAR	S-NPP	74.24667	30.15419	14:12:00	D	4.60
213	FAZILKA	ABOHAR	S-NPP	74.29263	30.15773	14:12:00	D	10.90
214	FAZILKA	ABOHAR	S-NPP	74.29617	30.15800	14:12:00	D	12.40
215	FAZILKA	ABOHAR	S-NPP	74.33484	30.16620	14:12:00	D	2.80
216	FAZILKA	ABOHAR	S-NPP	74.33430	30.17139	14:12:00	D	2.80
217	FAZILKA	ABOHAR	S-NPP	74.26984	30.17160	14:12:00	D	6.60
218	FAZILKA	ABOHAR	S-NPP	74.27587	30.18250	14:12:00	D	4.70
219	FAZILKA	ABOHAR	S-NPP	74.27180	30.18739	14:12:00	D	4.70
220	FAZILKA	ABOHAR	S-NPP	74.27534	30.18767	14:12:00	D	4.70
221	FAZILKA	ABOHAR	S-NPP	74.24252	30.19548	14:12:00	D	14.00
222	FAZILKA	ABOHAR	S-NPP	74.18584	30.19613	14:12:00	D	8.30
223	FAZILKA	ABOHAR	S-NPP	74.18934	30.19641	14:12:00	D	8.30
224	FAZILKA	ABOHAR	S-NPP	74.24201	30.20064	14:12:00	D	8.10
225	FAZILKA	ABOHAR	S-NPP	74.21838	30.22472	14:12:00	D	9.00
226	FAZILKA	ABOHAR	S-NPP	74.26676	30.23911	14:12:00	D	5.10
227	FAZILKA	ABOHAR	S-NPP	74.27031	30.23940	14:12:00	D	5.10
228	FAZILKA	ABOHAR	S-NPP	74.26839	30.24012	14:12:00	D	9.70

229	FAZILKA	FAZILKA	S-NPP	74.04433	30.21551	14:12:00	D	2.50
230	FAZILKA	FAZILKA	S-NPP	74.04215	30.21771	14:12:00	D	1.80
231	FAZILKA	FAZILKA	S-NPP	73.99376	30.21910	14:12:00	D	1.30
232	FAZILKA	FAZILKA	S-NPP	74.06787	30.22262	14:12:00	D	9.10
233	FAZILKA	FAZILKA	S-NPP	74.07132	30.22291	14:12:00	D	4.30
234	FAZILKA	FAZILKA	S-NPP	73.99326	30.22419	14:12:00	D	5.10
235	FAZILKA	FAZILKA	S-NPP	74.06569	30.22467	14:12:00	D	10.10
236	FAZILKA	FAZILKA	S-NPP	74.06913	30.22493	14:12:00	D	8.40
237	FAZILKA	FAZILKA	S-NPP	74.07258	30.22519	14:12:00	D	8.40
238	FAZILKA	FAZILKA	S-NPP	74.02742	30.22685	14:12:00	D	7.60
239	FAZILKA	FAZILKA	S-NPP	74.03085	30.22712	14:12:00	D	7.60
240	FAZILKA	FAZILKA	S-NPP	74.06736	30.22773	14:12:00	D	6.00
241	FAZILKA	FAZILKA	S-NPP	74.07081	30.22802	14:12:00	D	9.10
242	FAZILKA	FAZILKA	S-NPP	73.98934	30.22901	14:12:00	D	3.50
243	FAZILKA	FAZILKA	S-NPP	74.02914	30.22966	14:12:00	D	12.10
244	FAZILKA	FAZILKA	S-NPP	74.03323	30.23758	14:12:00	D	2.90
245	FAZILKA	FAZILKA	S-NPP	74.06413	30.23999	14:12:00	D	11.70
246	FAZILKA	FAZILKA	S-NPP	74.06757	30.24026	14:12:00	D	12.30
247	FAZILKA	FAZILKA	S-NPP	73.98436	30.24400	14:12:00	D	3.30
248	FAZILKA	FAZILKA	S-NPP	74.00142	30.24535	14:12:00	D	4.80
249	FAZILKA	FAZILKA	S-NPP	74.01407	30.25662	14:12:00	D	5.00
250	FAZILKA	FAZILKA	S-NPP	74.01645	30.26709	14:12:00	D	1.80
251	FAZILKA	FAZILKA	S-NPP	74.25713	30.28985	12:36:00	D	8.20
252	FAZILKA	FAZILKA	S-NPP	74.26260	30.29028	12:36:00	D	7.70
253	FAZILKA	FAZILKA	S-NPP	73.98550	30.30050	14:12:00	D	11.90
254	FAZILKA	FAZILKA	S-NPP	74.20167	30.30259	14:12:00	D	4.20
255	FAZILKA	FAZILKA	S-NPP	74.20519	30.30287	14:12:00	D	4.20
256	FAZILKA	FAZILKA	S-NPP	74.04371	30.30530	14:12:00	D	5.80
257	FAZILKA	FAZILKA	S-NPP	74.14460	30.30837	14:12:00	D	2.70
258	FAZILKA	FAZILKA	S-NPP	74.29016	30.30964	14:12:00	D	2.70
259	FAZILKA	FAZILKA	S-NPP	74.26122	30.31256	14:12:00	D	4.40
260	FAZILKA	FAZILKA	S-NPP	74.13712	30.31294	14:12:00	D	4.90
261	FAZILKA	FAZILKA	S-NPP	74.01182	30.31295	14:12:00	D	7.60

262	FAZILKA	FAZILKA	S-NPP	73.95674	30.31349	14:12:00	D	3.20
263	FAZILKA	FAZILKA	S-NPP	73.98055	30.31548	14:12:00	D	3.30
264	FAZILKA	FAZILKA	S-NPP	74.06334	30.31721	14:12:00	D	3.20
265	FAZILKA	FAZILKA	S-NPP	74.26070	30.31773	14:12:00	D	16.70
266	FAZILKA	FAZILKA	S-NPP	74.03875	30.32033	14:12:00	D	17.80
267	FAZILKA	FAZILKA	S-NPP	74.06283	30.32233	14:12:00	D	4.60
268	FAZILKA	FAZILKA	S-NPP	74.22784	30.32550	14:12:00	D	10.40
269	FAZILKA	FAZILKA	S-NPP	74.23136	30.32579	14:12:00	D	10.40
270	FAZILKA	FAZILKA	S-NPP	74.20919	30.33439	14:12:00	D	2.40
271	FAZILKA	FAZILKA	S-NPP	74.24095	30.33698	14:12:00	D	3.00
272	FAZILKA	FAZILKA	S-NPP	74.23647	30.33784	14:12:00	D	2.00
273	FAZILKA	FAZILKA	S-NPP	74.31976	30.33816	14:12:00	D	3.50
274	FAZILKA	FAZILKA	S-NPP	73.98389	30.33916	14:12:00	D	4.90
275	FAZILKA	FAZILKA	S-NPP	73.98731	30.33943	14:12:00	D	4.70
276	FAZILKA	FAZILKA	S-NPP	74.08550	30.33970	14:12:00	D	6.80
277	FAZILKA	FAZILKA	S-NPP	74.10978	30.34172	14:12:00	D	3.70
278	FAZILKA	FAZILKA	S-NPP	74.11325	30.34201	14:12:00	D	4.90
279	FAZILKA	FAZILKA	S-NPP	74.08772	30.34208	14:12:00	D	5.20
280	FAZILKA	FAZILKA	S-NPP	74.12370	30.34289	14:12:00	D	2.70
281	FAZILKA	FAZILKA	S-NPP	74.11203	30.34395	14:12:00	D	3.80
282	FAZILKA	FAZILKA	S-NPP	74.11552	30.34422	14:12:00	D	3.80
283	FAZILKA	FAZILKA	S-NPP	74.12251	30.34476	14:12:00	D	5.20
284	FAZILKA	FAZILKA	S-NPP	73.98232	30.35443	14:12:00	D	5.00
285	FAZILKA	FAZILKA	S-NPP	73.90990	30.35890	14:12:00	D	33.50
286	FAZILKA	FAZILKA	S-NPP	74.12094	30.36015	14:12:00	D	12.60
287	FAZILKA	FAZILKA	S-NPP	74.12443	30.36042	14:12:00	D	9.20
288	FAZILKA	FAZILKA	S-NPP	74.00235	30.36115	14:12:00	D	2.90
289	FAZILKA	FAZILKA	S-NPP	74.28419	30.36230	14:12:00	D	3.20
290	FAZILKA	FAZILKA	S-NPP	74.02641	30.36306	14:12:00	D	3.00
291	FAZILKA	FAZILKA	S-NPP	74.13388	30.37152	14:12:00	D	4.70
292	FAZILKA	FAZILKA	S-NPP	74.07423	30.37199	14:12:00	D	3.00
293	FAZILKA	FAZILKA	S-NPP	74.08463	30.37281	14:12:00	D	9.90
294	FAZILKA	FAZILKA	S-NPP	74.15138	30.37288	14:12:00	D	6.40

295	FAZILKA	FAZILKA	S-NPP	74.08810	30.37309	14:12:00	D	17.60
296	FAZILKA	FAZILKA	S-NPP	74.13338	30.37666	14:12:00	D	4.70
297	FAZILKA	FAZILKA	S-NPP	74.09105	30.37848	14:12:00	D	3.60
298	FAZILKA	FAZILKA	S-NPP	74.11890	30.38069	14:12:00	D	4.70
299	FAZILKA	FAZILKA	AQUA	73.92400	30.38100	14:35:00	D	74.20
300	FAZILKA	FAZILKA	S-NPP	74.06525	30.39191	14:12:00	D	17.90
301	FAZILKA	FAZILKA	S-NPP	74.20960	30.39303	14:12:00	D	2.10
302	FAZILKA	FAZILKA	S-NPP	74.35699	30.39404	14:12:00	D	3.50
303	FAZILKA	FAZILKA	S-NPP	73.98505	30.39571	14:12:00	D	4.20
304	FAZILKA	FAZILKA	S-NPP	73.95039	30.39801	14:12:00	D	1.50
305	FAZILKA	FAZILKA	S-NPP	74.15232	30.39888	14:12:00	D	13.10
306	FAZILKA	FAZILKA	S-NPP	74.15584	30.39916	14:12:00	D	24.20
307	FAZILKA	FAZILKA	S-NPP	74.09893	30.40496	14:12:00	D	35.20
308	FAZILKA	FAZILKA	S-NPP	74.10240	30.40524	14:12:00	D	35.20
309	FAZILKA	FAZILKA	S-NPP	74.07757	30.40840	14:12:00	D	5.90
310	FAZILKA	FAZILKA	S-NPP	74.15131	30.40917	14:12:00	D	3.50
311	FAZILKA	FAZILKA	S-NPP	73.99722	30.41212	14:12:00	D	21.60
312	FAZILKA	FAZILKA	S-NPP	74.00066	30.41241	14:12:00	D	14.60
313	FAZILKA	FAZILKA	S-NPP	73.96249	30.41438	14:12:00	D	15.30
314	FAZILKA	FAZILKA	S-NPP	73.96590	30.41467	14:12:00	D	25.00
315	FAZILKA	FAZILKA	S-NPP	73.97956	30.41580	14:12:00	D	3.20
316	FAZILKA	FAZILKA	S-NPP	74.16434	30.42060	14:12:00	D	2.30
317	FAZILKA	FAZILKA	S-NPP	74.00433	30.42518	14:12:00	D	13.10
318	FAZILKA	FAZILKA	S-NPP	74.09340	30.42519	14:12:00	D	1.80
319	FAZILKA	FAZILKA	S-NPP	74.00255	30.42799	14:12:00	D	11.70
320	FAZILKA	FAZILKA	S-NPP	74.00600	30.42827	14:12:00	D	21.90
321	FAZILKA	FAZILKA	S-NPP	74.21319	30.42975	14:12:00	D	7.50
322	FAZILKA	FAZILKA	S-NPP	73.99694	30.42976	14:12:00	D	16.40
323	FAZILKA	FAZILKA	S-NPP	74.07001	30.43019	14:12:00	D	4.60
324	FAZILKA	FAZILKA	S-NPP	74.00381	30.43029	14:12:00	D	13.10
325	FAZILKA	FAZILKA	S-NPP	73.97462	30.43079	14:12:00	D	6.50
326	FAZILKA	FAZILKA	S-NPP	74.24507	30.43233	14:12:00	D	3.50
327	FAZILKA	FAZILKA	S-NPP	73.99519	30.43251	14:12:00	D	5.00

328	FAZILKA	FAZILKA	S-NPP	74.24862	30.43260	14:12:00	D	3.50
329	FAZILKA	FAZILKA	S-NPP	73.99861	30.43280	14:12:00	D	8.80
330	FAZILKA	FAZILKA	S-NPP	73.97581	30.43327	14:12:00	D	4.10
331	FAZILKA	FAZILKA	S-NPP	74.06810	30.43343	14:12:00	D	5.00
332	FAZILKA	FAZILKA	S-NPP	74.07157	30.43372	14:12:00	D	5.00
333	FAZILKA	FAZILKA	S-NPP	74.20914	30.43463	14:12:00	D	7.50
334	FAZILKA	FAZILKA	S-NPP	74.06948	30.43531	14:12:00	D	4.60
335	FAZILKA	FAZILKA	S-NPP	74.07295	30.43557	14:12:00	D	7.40
336	FAZILKA	FAZILKA	S-NPP	74.15385	30.43652	14:12:00	D	6.10
337	FAZILKA	FAZILKA	S-NPP	74.07452	30.43913	14:12:00	D	3.50
338	FAZILKA	FAZILKA	S-NPP	74.20155	30.43922	14:12:00	D	5.70
339	FAZILKA	FAZILKA	S-NPP	74.14478	30.43976	14:12:00	D	12.30
340	FAZILKA	FAZILKA	S-NPP	74.19968	30.43996	14:12:00	D	6.40
341	FAZILKA	FAZILKA	S-NPP	74.15179	30.44034	14:12:00	D	6.50
342	FAZILKA	FAZILKA	S-NPP	74.21573	30.44037	14:12:00	D	5.20
343	FAZILKA	FAZILKA	S-NPP	74.15530	30.44063	14:12:00	D	6.50
344	FAZILKA	FAZILKA	S-NPP	74.14280	30.44087	14:12:00	D	14.00
345	FAZILKA	FAZILKA	S-NPP	74.21385	30.44102	14:12:00	D	2.60
346	FAZILKA	FAZILKA	S-NPP	74.21739	30.44129	14:12:00	D	2.60
347	FAZILKA	FAZILKA	S-NPP	74.10232	30.44144	14:12:00	D	3.40
348	FAZILKA	FAZILKA	S-NPP	74.29443	30.44152	14:12:00	D	11.80
349	FAZILKA	FAZILKA	S-NPP	74.15334	30.44167	14:12:00	D	6.10
350	FAZILKA	FAZILKA	S-NPP	74.29803	30.44181	14:12:00	D	11.80
351	FAZILKA	FAZILKA	S-NPP	74.15685	30.44193	14:12:00	D	11.50
352	FAZILKA	FAZILKA	S-NPP	74.09680	30.44256	14:12:00	D	1.20
353	FAZILKA	FAZILKA	S-NPP	74.23514	30.44261	14:12:00	D	2.20
354	FAZILKA	FAZILKA	S-NPP	74.07054	30.44396	14:12:00	D	2.90
355	FAZILKA	FAZILKA	S-NPP	74.05109	30.44422	14:12:00	D	4.50
356	FAZILKA	FAZILKA	S-NPP	74.15128	30.44548	14:12:00	D	2.00
357	FAZILKA	FAZILKA	S-NPP	73.96741	30.44801	14:12:00	D	3.20
358	FAZILKA	FAZILKA	S-NPP	74.14026	30.44976	14:12:00	D	9.00
359	FAZILKA	FAZILKA	S-NPP	74.14377	30.45005	14:12:00	D	14.30
360	FAZILKA	FAZILKA	S-NPP	74.14176	30.45116	14:12:00	D	17.50

361	FAZILKA	FAZILKA	S-NPP	74.16132	30.45150	14:12:00	D	1.60
362	FAZILKA	FAZILKA	S-NPP	74.21635	30.45162	14:12:00	D	4.90
363	FAZILKA	FAZILKA	S-NPP	74.16286	30.45277	14:12:00	D	3.40
364	FAZILKA	FAZILKA	S-NPP	74.16991	30.45331	14:12:00	D	1.70
365	FAZILKA	FAZILKA	S-NPP	73.98061	30.45418	14:12:00	D	3.80
366	FAZILKA	FAZILKA	S-NPP	73.98403	30.45445	14:12:00	D	3.80
367	FAZILKA	FAZILKA	S-NPP	73.99090	30.45499	14:12:00	D	6.00
368	FAZILKA	FAZILKA	S-NPP	74.22838	30.45704	14:12:00	D	3.30
369	FAZILKA	FAZILKA	S-NPP	74.22294	30.45733	14:12:00	D	3.80
370	FAZILKA	FAZILKA	S-NPP	73.97324	30.45873	14:12:00	D	3.60
371	FAZILKA	FAZILKA	S-NPP	74.08079	30.46200	14:12:00	D	2.60
372	FAZILKA	FAZILKA	S-NPP	74.16183	30.46308	14:12:00	D	4.80
373	FAZILKA	FAZILKA	S-NPP	74.03173	30.46333	14:12:00	D	5.60
374	FAZILKA	FAZILKA	S-NPP	73.97958	30.46437	14:12:00	D	10.10
375	FAZILKA	FAZILKA	S-NPP	74.04902	30.46469	14:12:00	D	5.10
376	FAZILKA	FAZILKA	S-NPP	74.12270	30.46525	14:12:00	D	4.30
377	FAZILKA	FAZILKA	S-NPP	74.04852	30.46980	14:12:00	D	6.90
378	FAZILKA	FAZILKA	S-NPP	74.19660	30.47094	14:12:00	D	2.50
379	FAZILKA	FAZILKA	S-NPP	74.07281	30.47171	14:12:00	D	10.50
380	FAZILKA	FAZILKA	S-NPP	73.98197	30.47484	14:12:00	D	2.40
381	FAZILKA	FAZILKA	S-NPP	74.04800	30.47492	14:12:00	D	6.90
382	FAZILKA	FAZILKA	S-NPP	74.05146	30.47519	14:12:00	D	6.90
383	FAZILKA	FAZILKA	S-NPP	74.18551	30.47529	14:12:00	D	4.00
384	FAZILKA	FAZILKA	S-NPP	73.93698	30.47637	14:12:00	D	7.90
385	FAZILKA	FAZILKA	S-NPP	74.14272	30.47717	14:12:00	D	12.80
386	FAZILKA	FAZILKA	S-NPP	74.14622	30.47744	14:12:00	D	23.40
387	FAZILKA	FAZILKA	S-NPP	74.04748	30.48004	14:12:00	D	18.30
388	FAZILKA	FAZILKA	S-NPP	74.04350	30.48488	14:12:00	D	13.70
389	FAZILKA	FAZILKA	S-NPP	74.04696	30.48516	14:12:00	D	18.30
390	FAZILKA	FAZILKA	S-NPP	74.05737	30.48598	14:12:00	D	1.50
391	FAZILKA	FAZILKA	S-NPP	74.10152	30.48825	12:36:00	D	5.80
392	FAZILKA	FAZILKA	S-NPP	74.10032	30.48866	12:36:00	D	4.40
393	FAZILKA	FAZILKA	S-NPP	74.09218	30.48874	14:12:00	D	4.70

394	FAZILKA	FAZILKA	S-NPP	74.09566	30.48902	14:12:00	D	7.10
395	FAZILKA	FAZILKA	S-NPP	73.98728	30.49068	14:12:00	D	1.50
396	FAZILKA	FAZILKA	S-NPP	74.02173	30.49344	14:12:00	D	3.10
397	FAZILKA	FAZILKA	S-NPP	74.07026	30.49733	14:12:00	D	20.30
398	FAZILKA	FAZILKA	S-NPP	74.07374	30.49761	14:12:00	D	30.10
399	FAZILKA	FAZILKA	S-NPP	74.00346	30.50227	14:12:00	D	4.70
400	FAZILKA	FAZILKA	S-NPP	74.00691	30.50255	14:12:00	D	4.70
401	FAZILKA	FAZILKA	S-NPP	74.07322	30.50274	14:12:00	D	4.40
402	FAZILKA	FAZILKA	S-NPP	74.09761	30.50469	14:12:00	D	4.80
403	FAZILKA	FAZILKA	S-NPP	74.06574	30.50731	14:12:00	D	5.20
404	FAZILKA	FAZILKA	S-NPP	74.06923	30.50758	14:12:00	D	5.20
405	FAZILKA	FAZILKA	S-NPP	74.00640	30.50766	14:12:00	D	4.50
406	FAZILKA	FAZILKA	S-NPP	74.08562	30.51925	14:12:00	D	3.00
407	FAZILKA	FAZILKA	S-NPP	74.03646	30.52041	14:12:00	D	3.70
408	FAZILKA	FAZILKA	S-NPP	74.09158	30.53008	14:12:00	D	4.30
409	FAZILKA	FAZILKA	S-NPP	74.10905	30.53151	14:12:00	D	1.60
410	FAZILKA	FAZILKA	S-NPP	74.10504	30.53636	14:12:00	D	25.50
411	FAZILKA	FAZILKA	S-NPP	74.10546	30.53845	14:12:00	D	4.20
412	FAZILKA	JALALABAD	S-NPP	74.22241	30.46250	14:12:00	D	4.40
413	FAZILKA	JALALABAD	S-NPP	74.31940	30.46459	14:12:00	D	1.90
414	FAZILKA	JALALABAD	S-NPP	74.26874	30.46601	14:12:00	D	12.20
415	FAZILKA	JALALABAD	S-NPP	74.27231	30.46628	14:12:00	D	12.20
416	FAZILKA	JALALABAD	S-NPP	74.29380	30.46790	14:12:00	D	16.90
417	FAZILKA	JALALABAD	S-NPP	74.23206	30.47366	14:12:00	D	4.80
418	FAZILKA	JALALABAD	S-NPP	74.23917	30.47420	14:12:00	D	1.80
419	FAZILKA	JALALABAD	S-NPP	74.29278	30.47829	14:12:00	D	5.60
420	FAZILKA	JALALABAD	S-NPP	74.20620	30.48209	14:12:00	D	3.10
421	FAZILKA	JALALABAD	S-NPP	74.34313	30.48211	14:12:00	D	11.60
422	FAZILKA	JALALABAD	S-NPP	74.35039	30.48266	14:12:00	D	9.60
423	FAZILKA	JALALABAD	S-NPP	74.21683	30.48291	14:12:00	D	8.40
424	FAZILKA	JALALABAD	S-NPP	74.24885	30.48538	14:12:00	D	3.10
425	FAZILKA	JALALABAD	S-NPP	74.33903	30.48705	14:12:00	D	11.60
426	FAZILKA	JALALABAD	S-NPP	74.20569	30.48726	14:12:00	D	3.10

427	FAZILKA	JALALABAD	S-NPP	74.30612	30.48978	14:12:00	D	2.50
428	FAZILKA	JALALABAD	S-NPP	74.18750	30.49105	14:12:00	D	8.20
429	FAZILKA	JALALABAD	S-NPP	74.32411	30.49115	14:12:00	D	6.70
430	FAZILKA	JALALABAD	S-NPP	74.20518	30.49243	14:12:00	D	8.00
431	FAZILKA	JALALABAD	S-NPP	74.20872	30.49270	14:12:00	D	10.60
432	FAZILKA	JALALABAD	S-NPP	74.21581	30.49326	14:12:00	D	13.10
433	FAZILKA	JALALABAD	S-NPP	74.22646	30.49408	14:12:00	D	7.60
434	FAZILKA	JALALABAD	S-NPP	74.23003	30.49436	14:12:00	D	6.50
435	FAZILKA	JALALABAD	S-NPP	74.30561	30.49497	14:12:00	D	2.50
436	FAZILKA	JALALABAD	S-NPP	74.32361	30.49636	14:12:00	D	6.70
437	FAZILKA	JALALABAD	S-NPP	74.32722	30.49663	14:12:00	D	6.70
438	FAZILKA	JALALABAD	S-NPP	74.26928	30.49741	14:12:00	D	4.00
439	FAZILKA	JALALABAD	S-NPP	74.21530	30.49842	14:12:00	D	13.10
440	FAZILKA	JALALABAD	S-NPP	74.24734	30.50092	14:12:00	D	2.80
441	FAZILKA	JALALABAD	S-NPP	74.26163	30.50204	14:12:00	D	1.10
442	FAZILKA	JALALABAD	S-NPP	74.34476	30.50323	14:12:00	D	10.00
443	FAZILKA	JALALABAD	S-NPP	74.35200	30.50379	14:12:00	D	3.70
444	FAZILKA	JALALABAD	S-NPP	74.22545	30.50443	14:12:00	D	6.10
445	FAZILKA	JALALABAD	S-NPP	74.22900	30.50471	14:12:00	D	11.20
446	FAZILKA	JALALABAD	S-NPP	74.30102	30.50510	14:12:00	D	8.90
447	FAZILKA	JALALABAD	S-NPP	74.16831	30.50513	14:12:00	D	8.10
448	FAZILKA	JALALABAD	S-NPP	74.17184	30.50541	14:12:00	D	13.90
449	FAZILKA	JALALABAD	S-NPP	74.31900	30.50649	14:12:00	D	1.40
450	FAZILKA	JALALABAD	S-NPP	74.34066	30.50817	14:12:00	D	8.60
451	FAZILKA	JALALABAD	S-NPP	74.35152	30.50900	14:12:00	D	3.70
452	FAZILKA	JALALABAD	S-NPP	74.26060	30.51241	14:12:00	D	7.60
453	FAZILKA	JALALABAD	S-NPP	74.23511	30.51562	14:12:00	D	19.70
454	FAZILKA	JALALABAD	S-NPP	74.30361	30.51578	14:12:00	D	3.50
455	FAZILKA	JALALABAD	S-NPP	74.18495	30.51686	14:12:00	D	1.70
456	FAZILKA	JALALABAD	S-NPP	74.27441	30.51872	14:12:00	D	6.70
457	FAZILKA	JALALABAD	S-NPP	74.29594	30.52041	14:12:00	D	38.50
458	FAZILKA	JALALABAD	S-NPP	74.36861	30.52084	14:12:00	D	3.20
459	FAZILKA	JALALABAD	S-NPP	74.30312	30.52098	14:12:00	D	23.50

460	FAZILKA	JALALABAD	S-NPP	74.31390	30.52182	14:12:00	D	10.80
461	FAZILKA	JALALABAD	S-NPP	74.27749	30.52420	14:12:00	D	8.80
462	FAZILKA	JALALABAD	S-NPP	74.22699	30.52541	14:12:00	D	5.20
463	FAZILKA	JALALABAD	S-NPP	74.12006	30.52722	14:12:00	D	7.40
464	FAZILKA	JALALABAD	S-NPP	74.11954	30.53236	14:12:00	D	7.40
465	FAZILKA	JALALABAD	S-NPP	74.34177	30.53450	14:12:00	D	10.30
466	FAZILKA	JALALABAD	S-NPP	74.27647	30.53458	14:12:00	D	1.70
467	FAZILKA	JALALABAD	S-NPP	74.34539	30.53479	14:12:00	D	10.30
468	FAZILKA	JALALABAD	S-NPP	74.37438	30.53707	14:12:00	D	13.10
469	FAZILKA	JALALABAD	S-NPP	74.37801	30.53736	14:12:00	D	12.90
470	FAZILKA	JALALABAD	S-NPP	74.19001	30.53808	14:12:00	D	2.80
471	FAZILKA	JALALABAD	S-NPP	74.27599	30.53977	14:12:00	D	2.70
472	FAZILKA	JALALABAD	S-NPP	74.12598	30.54518	14:12:00	D	5.90
473	FAZILKA	JALALABAD	S-NPP	74.12504	30.54836	14:12:00	D	9.20
474	FAZILKA	JALALABAD	S-NPP	74.12855	30.54865	14:12:00	D	9.20
475	FAZILKA	JALALABAD	S-NPP	74.32220	30.54870	14:12:00	D	5.10
476	FAZILKA	JALALABAD	S-NPP	74.32582	30.54899	14:12:00	D	12.20
477	FAZILKA	JALALABAD	S-NPP	74.12549	30.55033	14:12:00	D	7.00
478	FAZILKA	JALALABAD	S-NPP	74.12900	30.55059	14:12:00	D	7.00
479	FAZILKA	JALALABAD	S-NPP	74.13252	30.55086	14:12:00	D	12.70
480	FAZILKA	JALALABAD	S-NPP	74.28291	30.55168	14:12:00	D	10.30
481	FAZILKA	JALALABAD	S-NPP	74.10354	30.55177	14:12:00	D	3.30
482	FAZILKA	JALALABAD	S-NPP	74.12805	30.55380	14:12:00	D	9.20
483	FAZILKA	JALALABAD	S-NPP	74.10393	30.55387	14:12:00	D	4.20
484	FAZILKA	JALALABAD	S-NPP	74.13157	30.55409	14:12:00	D	22.00
485	FAZILKA	JALALABAD	S-NPP	74.27901	30.55459	12:36:00	D	7.90
486	FAZILKA	JALALABAD	S-NPP	74.27807	30.55564	14:12:00	D	5.40
487	FAZILKA	JALALABAD	S-NPP	74.12849	30.55574	14:12:00	D	7.00
488	FAZILKA	JALALABAD	S-NPP	74.19969	30.55592	14:12:00	D	1.60
489	FAZILKA	JALALABAD	S-NPP	74.28166	30.55593	14:12:00	D	9.70
490	FAZILKA	JALALABAD	S-NPP	74.28523	30.55622	14:12:00	D	9.70
491	FAZILKA	JALALABAD	S-NPP	74.27881	30.55660	14:12:00	D	10.30
492	FAZILKA	JALALABAD	S-NPP	74.28239	30.55687	14:12:00	D	10.30

493	FAZILKA	JALALABAD	S-NPP	74.35513	30.55699	14:12:00	D	2.90
494	FAZILKA	JALALABAD	S-NPP	74.28599	30.55714	14:12:00	D	10.30
495	FAZILKA	JALALABAD	S-NPP	74.29961	30.55737	14:12:00	D	5.30
496	FAZILKA	JALALABAD	S-NPP	74.22460	30.55779	14:12:00	D	2.20
497	FAZILKA	JALALABAD	S-NPP	74.30039	30.55820	14:12:00	D	5.40
498	FAZILKA	JALALABAD	S-NPP	74.32843	30.55970	14:12:00	D	5.50
499	FAZILKA	JALALABAD	S-NPP	74.33205	30.55999	14:12:00	D	5.20
500	FAZILKA	JALALABAD	S-NPP	74.27040	30.56025	14:12:00	D	2.20
501	FAZILKA	JALALABAD	S-NPP	74.20924	30.56048	14:12:00	D	3.70
502	FAZILKA	JALALABAD	S-NPP	74.34652	30.56115	14:12:00	D	5.10
503	FAZILKA	JALALABAD	S-NPP	74.28474	30.56141	14:12:00	D	2.20
504	FAZILKA	JALALABAD	S-NPP	74.34737	30.56167	14:12:00	D	4.50
505	FAZILKA	JALALABAD	S-NPP	74.20983	30.56189	14:12:00	D	3.60
506	FAZILKA	JALALABAD	S-NPP	74.36826	30.56290	14:12:00	D	2.70
507	FAZILKA	JALALABAD	S-NPP	74.36916	30.56328	14:12:00	D	3.20
508	FAZILKA	JALALABAD	S-NPP	74.30219	30.56807	14:12:00	D	2.40
509	FAZILKA	JALALABAD	S-NPP	74.15564	30.56819	14:12:00	D	2.90
510	FAZILKA	JALALABAD	S-NPP	74.30294	30.56888	14:12:00	D	4.40
511	FAZILKA	JALALABAD	S-NPP	74.29502	30.57374	12:36:00	D	5.00
512	FAZILKA	JALALABAD	S-NPP	74.18343	30.57551	14:12:00	D	4.90
513	FAZILKA	JALALABAD	S-NPP	74.19763	30.57660	14:12:00	D	3.20
514	FAZILKA	JALALABAD	S-NPP	74.13347	30.57687	14:12:00	D	3.20
515	FAZILKA	JALALABAD	S-NPP	74.30915	30.57982	14:12:00	D	5.80
516	FAZILKA	JALALABAD	S-NPP	74.31998	30.58064	14:12:00	D	7.10
517	FAZILKA	JALALABAD	S-NPP	74.32361	30.58091	14:12:00	D	11.80
518	FAZILKA	JALALABAD	S-NPP	74.25829	30.58122	14:12:00	D	4.90
519	FAZILKA	JALALABAD	S-NPP	74.35987	30.58363	14:12:00	D	7.30
520	FAZILKA	JALALABAD	S-NPP	74.29784	30.58421	14:12:00	D	2.70
521	FAZILKA	JALALABAD	S-NPP	74.30863	30.58503	14:12:00	D	5.00
522	FAZILKA	JALALABAD	S-NPP	74.31948	30.58585	14:12:00	D	10.10
523	FAZILKA	JALALABAD	S-NPP	74.37392	30.58994	14:12:00	D	8.20
524	FAZILKA	JALALABAD	S-NPP	74.30813	30.59023	14:12:00	D	5.00
525	FAZILKA	JALALABAD	S-NPP	74.31174	30.59051	14:12:00	D	5.00

526	FAZILKA	JALALABAD	S-NPP	74.18545	30.59128	14:12:00	D	2.60
527	FAZILKA	JALALABAD	S-NPP	74.29681	30.59462	14:12:00	D	5.00
528	FAZILKA	JALALABAD	S-NPP	74.36612	30.59462	14:12:00	D	4.40
529	FAZILKA	JALALABAD	S-NPP	74.36977	30.59489	14:12:00	D	4.40
530	FAZILKA	JALALABAD	S-NPP	74.16721	30.59507	14:12:00	D	5.90
531	FAZILKA	JALALABAD	S-NPP	74.33293	30.59736	14:12:00	D	6.20
532	FAZILKA	JALALABAD	S-NPP	74.35470	30.59902	14:12:00	D	7.50
533	FAZILKA	JALALABAD	S-NPP	74.35834	30.59929	14:12:00	D	6.00
534	FAZILKA	JALALABAD	S-NPP	74.36562	30.59984	14:12:00	D	7.60
535	FAZILKA	JALALABAD	S-NPP	74.16317	30.59996	14:12:00	D	5.90
536	FAZILKA	JALALABAD	S-NPP	74.36926	30.60012	14:12:00	D	7.60
537	FAZILKA	JALALABAD	S-NPP	74.38020	30.60094	14:12:00	D	9.20
538	FAZILKA	JALALABAD	S-NPP	74.33242	30.60258	14:12:00	D	6.20
539	FAZILKA	JALALABAD	S-NPP	74.40945	30.60316	14:12:00	D	4.10
540	FAZILKA	JALALABAD	S-NPP	74.16266	30.60511	14:12:00	D	5.20
541	FAZILKA	JALALABAD	S-NPP	74.37240	30.60562	14:12:00	D	6.60
542	FAZILKA	JALALABAD	S-NPP	74.17329	30.60595	14:12:00	D	3.20
543	FAZILKA	JALALABAD	S-NPP	74.17683	30.60623	14:12:00	D	5.80
544	FAZILKA	JALALABAD	S-NPP	74.38700	30.60673	14:12:00	D	2.50
545	FAZILKA	JALALABAD	S-NPP	74.32468	30.60723	14:12:00	D	10.80
546	FAZILKA	JALALABAD	S-NPP	74.19457	30.60762	14:12:00	D	5.60
547	FAZILKA	JALALABAD	S-NPP	74.40163	30.60784	14:12:00	D	10.30
548	FAZILKA	JALALABAD	S-NPP	74.35004	30.60918	14:12:00	D	6.10
549	FAZILKA	JALALABAD	S-NPP	74.36461	30.61029	14:12:00	D	4.50
550	FAZILKA	JALALABAD	S-NPP	74.23017	30.61040	14:12:00	D	3.10
551	FAZILKA	JALALABAD	S-NPP	74.37189	30.61085	14:12:00	D	6.80
552	FAZILKA	JALALABAD	S-NPP	74.10880	30.61124	14:12:00	D	14.30
553	FAZILKA	JALALABAD	S-NPP	74.11230	30.61152	14:12:00	D	19.70
554	FAZILKA	JALALABAD	S-NPP	74.36774	30.61579	14:12:00	D	4.50
555	FAZILKA	JALALABAD	S-NPP	74.16873	30.61600	14:12:00	D	3.80
556	FAZILKA	JALALABAD	S-NPP	74.10477	30.61610	14:12:00	D	14.30
557	FAZILKA	JALALABAD	S-NPP	74.17227	30.61628	14:12:00	D	3.80
558	FAZILKA	JALALABAD	S-NPP	74.22914	30.62076	14:12:00	D	81.40

559	FAZILKA	JALALABAD	S-NPP	74.17176	30.62144	14:12:00	D	3.80
560	FAZILKA	JALALABAD	S-NPP	74.31955	30.62259	14:12:00	D	2.50
561	FAZILKA	JALALABAD	S-NPP	74.31181	30.62724	14:12:00	D	3.90
562	FAZILKA	JALALABAD	S-NPP	74.31543	30.62752	14:12:00	D	3.90
563	FAZILKA	JALALABAD	S-NPP	74.35895	30.63091	14:12:00	D	8.80
564	FAZILKA	JALALABAD	S-NPP	74.36260	30.63119	14:12:00	D	5.90
565	FAZILKA	JALALABAD	S-NPP	74.34026	30.63471	14:12:00	D	40.30
566	FAZILKA	JALALABAD	S-NPP	74.34390	30.63499	14:12:00	D	40.30
567	FAZILKA	JALALABAD	S-NPP	74.21693	30.63545	14:12:00	D	2.00
568	FAZILKA	JALALABAD	S-NPP	74.15607	30.63579	14:12:00	D	33.90
569	FAZILKA	JALALABAD	S-NPP	74.38364	30.63682	12:36:00	D	5.90
570	FAZILKA	JALALABAD	S-NPP	74.37302	30.63726	14:12:00	D	2.40
571	FAZILKA	JALALABAD	S-NPP	74.18797	30.63836	14:12:00	D	16.20
572	FAZILKA	JALALABAD	S-NPP	74.32889	30.63907	14:12:00	D	5.40
573	FAZILKA	JALALABAD	S-NPP	74.37251	30.64249	14:12:00	D	6.10
574	FAZILKA	JALALABAD	S-NPP	74.38712	30.64363	14:12:00	D	6.00
575	FAZILKA	JALALABAD	S-NPP	74.36472	30.64714	14:12:00	D	4.80
576	FAZILKA	JALALABAD	S-NPP	74.43845	30.64762	14:12:00	D	3.10
577	FAZILKA	JALALABAD	S-NPP	74.18697	30.64869	14:12:00	D	4.00
578	FAZILKA	JALALABAD	S-NPP	74.18519	30.64969	14:12:00	D	4.60
579	FAZILKA	JALALABAD	S-NPP	74.20474	30.65013	14:12:00	D	3.00
580	FAZILKA	JALALABAD	S-NPP	74.27324	30.65040	14:12:00	D	2.20
581	FAZILKA	JALALABAD	S-NPP	74.20301	30.65101	14:12:00	D	2.80
582	FAZILKA	JALALABAD	S-NPP	74.22256	30.65157	14:12:00	D	5.50
583	FAZILKA	JALALABAD	S-NPP	74.22613	30.65185	14:12:00	D	5.50
584	FAZILKA	JALALABAD	S-NPP	74.36420	30.65237	14:12:00	D	2.30
585	FAZILKA	JALALABAD	S-NPP	74.22445	30.65260	14:12:00	D	6.90
586	FAZILKA	JALALABAD	S-NPP	74.24402	30.65330	14:12:00	D	6.20
587	FAZILKA	JALALABAD	S-NPP	74.23518	30.65339	14:12:00	D	8.20
588	FAZILKA	JALALABAD	S-NPP	74.24760	30.65358	14:12:00	D	6.20
589	FAZILKA	JALALABAD	S-NPP	74.38246	30.65381	14:12:00	D	8.70
590	FAZILKA	JALALABAD	S-NPP	74.38612	30.65410	14:12:00	D	8.70
591	FAZILKA	JALALABAD	S-NPP	74.32014	30.65414	14:12:00	D	1.50

592	FAZILKA	JALALABAD	S-NPP	74.24595	30.65419	14:12:00	D	11.30
593	FAZILKA	JALALABAD	S-NPP	74.46377	30.65489	14:12:00	D	18.60
594	FAZILKA	JALALABAD	S-NPP	74.46746	30.65518	14:12:00	D	18.60
595	FAZILKA	JALALABAD	S-NPP	74.27634	30.65589	14:12:00	D	5.80
596	FAZILKA	JALALABAD	S-NPP	74.27829	30.65657	14:12:00	D	2.90
597	FAZILKA	JALALABAD	S-NPP	74.22564	30.65704	14:12:00	D	5.50
598	FAZILKA	JALALABAD	S-NPP	74.22921	30.65733	14:12:00	D	12.70
599	FAZILKA	JALALABAD	S-NPP	74.23278	30.65761	14:12:00	D	12.70
600	FAZILKA	JALALABAD	S-NPP	74.22394	30.65778	14:12:00	D	6.90
601	FAZILKA	JALALABAD	S-NPP	74.23636	30.65790	14:12:00	D	15.50
602	FAZILKA	JALALABAD	S-NPP	74.22752	30.65805	14:12:00	D	12.90
603	FAZILKA	JALALABAD	S-NPP	74.23109	30.65832	14:12:00	D	12.90
604	FAZILKA	JALALABAD	S-NPP	74.23467	30.65858	14:12:00	D	8.20
605	FAZILKA	JALALABAD	S-NPP	74.23826	30.65884	14:12:00	D	8.20
606	FAZILKA	JALALABAD	S-NPP	74.38197	30.65904	14:12:00	D	8.70
607	FAZILKA	JALALABAD	S-NPP	74.31963	30.65935	14:12:00	D	7.10
608	FAZILKA	JALALABAD	S-NPP	74.31807	30.65949	14:12:00	D	2.90
609	FAZILKA	JALALABAD	S-NPP	74.26865	30.66051	14:12:00	D	5.10
610	FAZILKA	JALALABAD	S-NPP	74.26699	30.66097	14:12:00	D	3.50
611	FAZILKA	JALALABAD	S-NPP	74.41859	30.66193	14:12:00	D	4.00
612	FAZILKA	JALALABAD	S-NPP	74.22871	30.66251	14:12:00	D	7.00
613	FAZILKA	JALALABAD	S-NPP	74.23228	30.66280	14:12:00	D	7.00
614	FAZILKA	JALALABAD	S-NPP	74.23586	30.66309	14:12:00	D	13.90
615	FAZILKA	JALALABAD	S-NPP	74.23058	30.66350	14:12:00	D	8.80
616	FAZILKA	JALALABAD	S-NPP	74.23415	30.66376	14:12:00	D	6.60
617	FAZILKA	JALALABAD	S-NPP	74.23774	30.66403	14:12:00	D	6.60
618	FAZILKA	JALALABAD	S-NPP	74.26815	30.66570	14:12:00	D	3.80
619	FAZILKA	JALALABAD	S-NPP	74.27175	30.66599	14:12:00	D	4.00
620	FAZILKA	JALALABAD	S-NPP	74.27008	30.66643	14:12:00	D	8.30
621	FAZILKA	JALALABAD	S-NPP	74.41666	30.66666	14:12:00	D	4.20
622	FAZILKA	JALALABAD	S-NPP	74.42035	30.66693	14:12:00	D	4.20
623	FAZILKA	JALALABAD	S-NPP	74.41808	30.66717	14:12:00	D	6.30
624	FAZILKA	JALALABAD	S-NPP	74.25687	30.67002	14:12:00	D	7.00

625	FAZILKA	JALALABAD	S-NPP	74.25877	30.67083	14:12:00	D	5.90
626	FAZILKA	JALALABAD	S-NPP	74.27125	30.67119	14:12:00	D	4.00
627	FAZILKA	JALALABAD	S-NPP	74.40879	30.67137	14:12:00	D	3.10
628	FAZILKA	JALALABAD	S-NPP	74.40658	30.67154	14:12:00	D	2.30
629	FAZILKA	JALALABAD	S-NPP	74.40460	30.67635	14:12:00	D	10.30
630	FAZILKA	JALALABAD	S-NPP	74.40241	30.67649	14:12:00	D	5.70
631	FAZILKA	JALALABAD	S-NPP	74.40607	30.67678	14:12:00	D	5.70
632	FAZILKA	JALALABAD	S-NPP	74.43915	30.67942	14:12:00	D	3.40
633	FAZILKA	JALALABAD	S-NPP	74.23621	30.67960	14:12:00	D	3.90
634	FAZILKA	JALALABAD	S-NPP	74.32692	30.68115	14:12:00	D	5.10
635	FAZILKA	JALALABAD	S-NPP	74.25314	30.69134	14:12:00	D	3.90
636	FAZILKA	JALALABAD	S-NPP	74.27473	30.69297	14:12:00	D	4.00
637	FAZILKA	JALALABAD	S-NPP	74.37694	30.69540	14:12:00	D	5.30
638	FAZILKA	JALALABAD	S-NPP	74.38059	30.69567	14:12:00	D	5.30
639	FAZILKA	JALALABAD	S-NPP	74.30312	30.70037	14:12:00	D	4.10
640	FAZILKA	JALALABAD	S-NPP	74.25932	30.70227	14:12:00	D	11.90
641	FAZILKA	JALALABAD	S-NPP	74.26291	30.70254	14:12:00	D	11.90
642	FAZILKA	JALALABAD	S-NPP	74.35036	30.70394	14:12:00	D	2.20
643	FAZILKA	JALALABAD	S-NPP	74.30573	30.71106	14:12:00	D	4.10
644	FAZILKA	JALALABAD	S-NPP	74.43788	30.71580	14:12:00	D	3.50
645	FAZILKA	JALALABAD	S-NPP	74.39640	30.72324	14:12:00	D	1.50
646	FAZILKA	JALALABAD	S-NPP	74.27889	30.72474	14:12:00	D	5.20
647	FAZILKA	JALALABAD	S-NPP	74.42902	30.73100	14:12:00	D	3.60
648	FAZILKA	JALALABAD	S-NPP	74.39539	30.73371	14:12:00	D	7.30
649	FAZILKA	JALALABAD	S-NPP	74.39906	30.73400	14:12:00	D	7.30
650	FAZILKA	JALALABAD	S-NPP	74.42851	30.73625	14:12:00	D	3.60
651	FAZILKA	JALALABAD	S-NPP	74.37656	30.73754	14:12:00	D	4.60
652	FAZILKA	JALALABAD	S-NPP	74.38021	30.73783	14:12:00	D	9.30
653	FAZILKA	JALALABAD	S-NPP	74.34998	30.74602	14:12:00	D	6.30
654	FAZILKA	JALALABAD	S-NPP	74.42013	30.74618	14:12:00	D	2.70
655	FIROZPUR	FIROZPUR	S-NPP	74.44993	30.78008	14:12:00	D	5.30
656	FIROZPUR	FIROZPUR	S-NPP	74.45042	30.78030	14:12:00	D	6.30
657	FIROZPUR	FIROZPUR	S-NPP	74.43091	30.78400	14:12:00	D	6.50

658	FIROZPUR	FIROZPUR	S-NPP	74.43142	30.78410	14:12:00	D	6.50
659	FIROZPUR	FIROZPUR	S-NPP	74.43460	30.78427	14:12:00	D	8.10
660	FIROZPUR	FIROZPUR	S-NPP	74.43511	30.78439	14:12:00	D	8.10
661	FIROZPUR	FIROZPUR	S-NPP	74.85677	30.78455	14:12:00	D	4.90
662	FIROZPUR	FIROZPUR	S-NPP	74.47121	30.79222	14:12:00	D	3.10
663	FIROZPUR	FIROZPUR	S-NPP	74.47168	30.79259	14:12:00	D	3.20
664	FIROZPUR	FIROZPUR	S-NPP	74.81620	30.79777	14:12:00	D	1.80
665	FIROZPUR	FIROZPUR	S-NPP	74.81585	30.80053	14:12:00	D	1.90
666	FIROZPUR	FIROZPUR	S-NPP	74.45905	30.80194	14:12:00	D	5.60
667	FIROZPUR	FIROZPUR	S-NPP	74.48833	30.80939	14:12:00	D	2.80
668	FIROZPUR	FIROZPUR	S-NPP	74.77148	30.81600	14:12:00	D	5.20
669	FIROZPUR	FIROZPUR	S-NPP	74.46597	30.81881	12:36:00	D	6.60
670	FIROZPUR	FIROZPUR	S-NPP	74.77102	30.81903	14:12:00	D	7.50
671	FIROZPUR	FIROZPUR	S-NPP	74.82207	30.81988	14:12:00	D	17.90
672	FIROZPUR	FIROZPUR	S-NPP	74.78656	30.82013	14:12:00	D	2.00
673	FIROZPUR	FIROZPUR	S-NPP	74.46328	30.82140	12:36:00	D	10.00
674	FIROZPUR	FIROZPUR	S-NPP	74.81776	30.82232	14:12:00	D	8.10
675	FIROZPUR	FIROZPUR	S-NPP	74.82167	30.82260	14:12:00	D	24.10
676	FIROZPUR	FIROZPUR	S-NPP	74.38995	30.82326	14:12:00	D	16.40
677	FIROZPUR	FIROZPUR	S-NPP	74.46075	30.82328	14:12:00	D	3.90
678	FIROZPUR	FIROZPUR	S-NPP	74.46448	30.82355	14:12:00	D	3.90
679	FIROZPUR	FIROZPUR	S-NPP	74.39731	30.82382	14:12:00	D	34.00
680	FIROZPUR	FIROZPUR	S-NPP	74.38944	30.82851	14:12:00	D	16.40
681	FIROZPUR	FIROZPUR	S-NPP	74.39312	30.82879	14:12:00	D	34.00
682	FIROZPUR	FIROZPUR	S-NPP	74.39681	30.82906	14:12:00	D	34.00
683	FIROZPUR	FIROZPUR	S-NPP	74.75014	30.83374	14:12:00	D	3.40
684	FIROZPUR	FIROZPUR	S-NPP	74.68794	30.83464	14:12:00	D	5.20
685	FIROZPUR	FIROZPUR	S-NPP	74.61435	30.83999	14:12:00	D	23.60
686	FIROZPUR	FIROZPUR	S-NPP	74.61815	30.84027	14:12:00	D	28.20
687	FIROZPUR	FIROZPUR	S-NPP	74.45082	30.84904	14:12:00	D	9.50
688	FIROZPUR	FIROZPUR	S-NPP	74.85841	30.85231	14:12:00	D	2.20
689	FIROZPUR	FIROZPUR	S-NPP	74.81085	30.85432	14:12:00	D	1.30
690	FIROZPUR	FIROZPUR	S-NPP	74.79480	30.85857	14:12:00	D	2.70

691	FIROZPUR	FIROZPUR	S-NPP	74.73894	30.87068	14:12:00	D	1.80
692	FIROZPUR	FIROZPUR	S-NPP	74.47860	30.87240	14:12:00	D	5.20
693	FIROZPUR	FIROZPUR	S-NPP	74.62994	30.87864	14:12:00	D	3.00
694	FIROZPUR	FIROZPUR	S-NPP	74.63375	30.87893	14:12:00	D	3.00
695	FIROZPUR	FIROZPUR	S-NPP	74.89330	30.88661	12:36:00	D	7.10
696	FIROZPUR	FIROZPUR	S-NPP	74.89496	30.88820	12:36:00	D	5.20
697	FIROZPUR	FIROZPUR	S-NPP	74.51712	30.89018	14:12:00	D	3.90
698	FIROZPUR	FIROZPUR	S-NPP	74.51452	30.89114	14:12:00	D	3.90
699	FIROZPUR	FIROZPUR	S-NPP	74.47163	30.89224	14:12:00	D	7.50
700	FIROZPUR	FIROZPUR	S-NPP	74.47538	30.89251	14:12:00	D	14.00
701	FIROZPUR	FIROZPUR	S-NPP	74.47291	30.89321	14:12:00	D	9.50
702	FIROZPUR	FIROZPUR	S-NPP	74.47664	30.89350	14:12:00	D	24.30
703	FIROZPUR	FIROZPUR	S-NPP	74.47113	30.89751	14:12:00	D	7.50
704	FIROZPUR	FIROZPUR	S-NPP	74.47488	30.89779	14:12:00	D	14.00
705	FIROZPUR	FIROZPUR	S-NPP	74.47241	30.89848	14:12:00	D	9.50
706	FIROZPUR	FIROZPUR	S-NPP	74.50860	30.90022	14:12:00	D	1.40
707	FIROZPUR	FIROZPUR	S-NPP	74.50980	30.90142	14:12:00	D	2.30
708	FIROZPUR	FIROZPUR	S-NPP	74.81804	30.93836	14:12:00	D	7.10
709	FIROZPUR	FIROZPUR	S-NPP	74.70700	30.95203	14:12:00	D	6.70
710	FIROZPUR	FIROZPUR	S-NPP	74.71815	30.95823	14:12:00	D	3.10
711	FIROZPUR	FIROZPUR	S-NPP	74.72591	30.95880	14:12:00	D	6.20
712	FIROZPUR	FIROZPUR	S-NPP	74.79163	31.01231	14:12:00	D	6.50
713	FIROZPUR	FIROZPUR	S-NPP	74.60501	31.01445	12:36:00	D	4.10
714	FIROZPUR	FIROZPUR	S-NPP	74.78920	31.01492	14:12:00	D	5.40
715	FIROZPUR	FIROZPUR	S-NPP	74.73395	31.05970	14:12:00	D	6.90
716	FIROZPUR	FIROZPUR	S-NPP	74.72081	31.07495	14:12:00	D	1.80
717	FIROZPUR	FIROZPUR	S-NPP	74.78874	31.10700	14:12:00	D	2.20
718	FIROZPUR	ZIRA	S-NPP	74.94460	30.86935	14:12:00	D	10.30
719	FIROZPUR	ZIRA	S-NPP	75.15575	30.87322	14:12:00	D	3.80
720	FIROZPUR	ZIRA	S-NPP	75.03632	30.88136	14:12:00	D	3.60
721	FIROZPUR	ZIRA	S-NPP	75.13020	30.88248	14:12:00	D	9.10
722	FIROZPUR	ZIRA	S-NPP	74.99156	30.88365	14:12:00	D	3.60
723	FIROZPUR	ZIRA	S-NPP	75.03584	30.88682	14:12:00	D	3.60

724	FIROZPUR	ZIRA	S-NPP	75.03132	30.89198	14:12:00	D	3.70
725	FIROZPUR	ZIRA	S-NPP	75.06773	30.89458	14:12:00	D	14.20
726	FIROZPUR	ZIRA	S-NPP	75.06487	30.92737	14:12:00	D	11.40
727	FIROZPUR	ZIRA	S-NPP	75.06412	30.92796	14:12:00	D	11.10
728	FIROZPUR	ZIRA	S-NPP	74.98133	30.94429	14:12:00	D	4.30
729	FIROZPUR	ZIRA	S-NPP	74.98085	30.94972	14:12:00	D	3.40
730	FIROZPUR	ZIRA	S-NPP	74.88672	31.01397	14:12:00	D	3.50
731	FIROZPUR	ZIRA	S-NPP	74.89070	31.01426	14:12:00	D	5.60
732	FIROZPUR	ZIRA	S-NPP	74.88841	31.01625	14:12:00	D	6.00
733	FIROZPUR	ZIRA	S-NPP	74.85803	31.02272	14:12:00	D	2.00
734	FIROZPUR	ZIRA	S-NPP	74.89326	31.03080	14:12:00	D	2.30
735	FIROZPUR	ZIRA	S-NPP	74.89092	31.03276	14:12:00	D	3.00
736	FIROZPUR	ZIRA	S-NPP	74.82267	31.08236	14:12:00	D	3.90
737	FIROZPUR	ZIRA	S-NPP	75.11407	31.08652	14:12:00	D	5.60
738	FIROZPUR	ZIRA	S-NPP	75.02728	31.09149	14:12:00	D	2.50
739	FIROZPUR	ZIRA	S-NPP	74.85749	31.11215	12:36:00	D	4.00
740	GURDASPUR	BATALA	S-NPP	75.20570	31.75109	14:12:00	D	2.50
741	GURDASPUR	BATALA	S-NPP	74.96979	31.83973	14:12:00	D	2.40
742	GURDASPUR	BATALA	S-NPP	74.96471	31.85041	14:12:00	D	4.90
743	GURDASPUR	BATALA	S-NPP	75.01172	31.94264	14:12:00	D	3.20
744	GURDASPUR	DERA BABA NANAK	S-NPP	74.93433	31.92082	14:12:00	D	2.40
745	GURDASPUR	DERA BABA NANAK	S-NPP	75.00961	31.98675	14:12:00	D	2.50
746	GURDASPUR	DERA BABA NANAK	S-NPP	75.01223	31.98697	14:12:00	D	3.30
747	GURDASPUR	DERA BABA NANAK	S-NPP	75.01379	31.98702	14:12:00	D	6.80
748	GURDASPUR	DERA BABA NANAK	S-NPP	75.01640	31.98726	14:12:00	D	3.30
749	GURDASPUR	DERA BABA NANAK	S-NPP	75.02011	31.99306	14:12:00	D	5.20
750	GURDASPUR	DERA BABA NANAK	S-NPP	75.01978	32.01510	14:12:00	D	3.70
751	GURDASPUR	GURDASPUR	S-NPP	75.33880	32.00747	14:12:00	D	2.00
752	GURDASPUR	GURDASPUR	S-NPP	75.33666	32.00947	14:12:00	D	4.40
753	JALANDHAR	NAKODAR	S-NPP	75.43830	31.10288	14:12:00	D	12.10
754	LUDHIANA	JAGRAON	S-NPP	75.47554	30.91000	12:36:00	D	3.00
755	LUDHIANA	JAGRAON	S-NPP	75.39914	30.92323	12:36:00	D	9.10
756	LUDHIANA	JAGRAON	S-NPP	75.39591	30.92345	12:36:00	D	21.10

757	LUDHIANA	JAGRAON	S-NPP	75.39091	30.92782	12:36:00	D	14.00
758	LUDHIANA	JAGRAON	S-NPP	75.39687	30.92944	12:36:00	D	26.00
759	LUDHIANA	JAGRAON	S-NPP	75.39366	30.92966	12:36:00	D	11.40
760	MANSA	BUDHLADA	S-NPP	75.42346	29.78622	14:12:00	D	3.40
761	MANSA	BUDHLADA	S-NPP	75.50245	29.78649	14:12:00	D	9.10
762	MANSA	BUDHLADA	S-NPP	75.43095	29.79766	14:12:00	D	6.20
763	MANSA	BUDHLADA	S-NPP	75.43073	29.79788	14:12:00	D	7.00
764	MANSA	BUDHLADA	S-NPP	75.45538	29.81482	12:30:00	D	4.40
765	MANSA	BUDHLADA	S-NPP	75.44958	29.82118	14:12:00	D	5.80
766	MANSA	BUDHLADA	S-NPP	75.45371	29.82147	14:12:00	D	8.90
767	MANSA	BUDHLADA	S-NPP	75.43475	29.84795	14:12:00	D	15.30
768	MANSA	BUDHLADA	S-NPP	75.48567	29.88505	14:12:00	D	3.40
769	MANSA	MANSA	S-NPP	75.45468	29.94313	14:12:00	D	7.30
770	MANSA	MANSA	S-NPP	75.45883	29.94342	14:12:00	D	9.50
771	MANSA	SARDULGARH	NOAA-18	75.27885	29.57127	20:50:00	N	7.00
772	MANSA	SARDULGARH	S-NPP	75.21756	29.64601	12:30:00	D	5.30
773	MANSA	SARDULGARH	S-NPP	75.21413	29.64969	12:30:00	D	4.40
774	MANSA	SARDULGARH	S-NPP	75.30363	29.65036	14:12:00	D	4.40
775	MANSA	SARDULGARH	S-NPP	75.26819	29.68621	14:12:00	D	2.80
776	MANSA	SARDULGARH	S-NPP	75.32499	29.69483	12:30:00	D	5.70
777	MANSA	SARDULGARH	S-NPP	75.26751	29.70301	14:12:00	D	11.30
778	MANSA	SARDULGARH	S-NPP	75.37969	29.71708	12:30:00	D	4.00
779	MANSA	SARDULGARH	S-NPP	75.37057	29.73246	14:12:00	D	27.40
780	MANSA	SARDULGARH	S-NPP	75.37009	29.73795	14:12:00	D	17.00
781	MANSA	SARDULGARH	AQUA	75.40300	29.74200	12:55:00	D	41.00
782	MANSA	SARDULGARH	S-NPP	75.31800	29.77282	14:12:00	D	3.20
783	MANSA	SARDULGARH	S-NPP	75.42394	29.78070	14:12:00	D	8.60
784	MANSA	SARDULGARH	S-NPP	75.30749	29.79961	14:12:00	D	5.50
785	MANSA	SARDULGARH	S-NPP	75.30745	29.80018	14:12:00	D	5.60
786	MOGA	BAGHA PURANA	S-NPP	74.98643	30.61645	14:12:00	D	4.50
787	MOGA	BAGHA PURANA	S-NPP	74.99040	30.61675	14:12:00	D	5.50
788	MOGA	BAGHA PURANA	S-NPP	74.98798	30.61817	14:12:00	D	5.80
789	MOGA	BAGHA PURANA	S-NPP	75.05106	30.67732	14:12:00	D	8.20

790	MOGA	BAGHA PURANA	S-NPP	75.10514	30.70870	14:12:00	D	14.80
791	MOGA	BAGHA PURANA	S-NPP	74.95492	30.71943	14:12:00	D	4.00
792	MOGA	BAGHA PURANA	S-NPP	74.95379	30.72079	14:12:00	D	3.00
793	MOGA	BAGHA PURANA	S-NPP	75.04886	30.72279	12:36:00	D	3.20
794	MOGA	BAGHA PURANA	S-NPP	75.05070	30.72375	12:36:00	D	4.50
795	MOGA	BAGHA PURANA	S-NPP	75.05511	30.72456	12:36:00	D	5.30
796	MOGA	BAGHA PURANA	S-NPP	74.94538	30.72565	14:12:00	D	2.40
797	MOGA	BAGHA PURANA	S-NPP	74.96773	30.74358	14:12:00	D	3.50
798	MOGA	BAGHA PURANA	S-NPP	74.96104	30.75422	12:36:00	D	7.20
799	MOGA	MOGA	S-NPP	75.13121	30.73816	14:12:00	D	4.50
800	MOGA	MOGA	S-NPP	75.19070	30.75354	14:12:00	D	8.20
801	MOGA	MOGA	S-NPP	75.17693	30.76918	14:12:00	D	4.90
802	MOGA	MOGA	S-NPP	75.18782	30.78652	14:12:00	D	9.40
803	MOGA	MOGA	S-NPP	75.00288	30.80076	14:12:00	D	8.70
804	MOGA	MOGA	S-NPP	75.00687	30.80105	14:12:00	D	14.30
805	MOGA	MOGA	S-NPP	75.14443	30.81105	14:12:00	D	8.10
806	MOGA	MOGA	S-NPP	75.14127	30.85014	14:12:00	D	3.60
807	MUKTSAR	GIDDARBAHA	S-NPP	74.60126	30.14446	14:12:00	D	6.50
808	MUKTSAR	GIDDARBAHA	S-NPP	74.64160	30.15296	14:12:00	D	8.20
809	MUKTSAR	GIDDARBAHA	S-NPP	74.70387	30.16733	14:12:00	D	3.10
810	MUKTSAR	GIDDARBAHA	S-NPP	74.71037	30.17850	14:12:00	D	5.40
811	MUKTSAR	GIDDARBAHA	S-NPP	74.71068	30.17980	14:12:00	D	5.20
812	MUKTSAR	GIDDARBAHA	S-NPP	74.60046	30.18636	14:12:00	D	9.50
813	MUKTSAR	GIDDARBAHA	S-NPP	74.57674	30.20050	14:12:00	D	1.80
814	MUKTSAR	GIDDARBAHA	S-NPP	74.60266	30.20247	14:12:00	D	1.10
815	MUKTSAR	GIDDARBAHA	S-NPP	74.63240	30.20472	14:12:00	D	5.10
816	MUKTSAR	GIDDARBAHA	S-NPP	74.58314	30.21160	14:12:00	D	1.00
817	MUKTSAR	GIDDARBAHA	S-NPP	74.59324	30.22300	14:12:00	D	1.40
818	MUKTSAR	GIDDARBAHA	S-NPP	74.64156	30.22672	14:12:00	D	2.80
819	MUKTSAR	GIDDARBAHA	S-NPP	74.63362	30.23144	14:12:00	D	1.80
820	MUKTSAR	GIDDARBAHA	S-NPP	74.57373	30.23211	14:12:00	D	2.30
821	MUKTSAR	GIDDARBAHA	S-NPP	74.55845	30.23622	14:12:00	D	5.00
822	MUKTSAR	GIDDARBAHA	S-NPP	74.57323	30.23738	14:12:00	D	6.70

823	MUKTSAR	GIDDARBAHA	S-NPP	74.66299	30.23904	14:12:00	D	3.30
824	MUKTSAR	GIDDARBAHA	S-NPP	74.60236	30.24497	14:12:00	D	2.80
825	MUKTSAR	GIDDARBAHA	S-NPP	74.60607	30.24526	14:12:00	D	2.80
826	MUKTSAR	GIDDARBAHA	S-NPP	74.63214	30.24730	14:12:00	D	4.50
827	MUKTSAR	GIDDARBAHA	S-NPP	74.60558	30.25054	14:12:00	D	5.70
828	MUKTSAR	GIDDARBAHA	S-NPP	74.55496	30.25613	14:12:00	D	5.10
829	MUKTSAR	GIDDARBAHA	S-NPP	74.55644	30.25727	14:12:00	D	4.70
830	MUKTSAR	GIDDARBAHA	S-NPP	74.55764	30.26693	14:12:00	D	2.90
831	MUKTSAR	GIDDARBAHA	S-NPP	74.55914	30.26810	14:12:00	D	3.10
832	MUKTSAR	GIDDARBAHA	S-NPP	74.67828	30.27761	14:12:00	D	2.70
833	MUKTSAR	GIDDARBAHA	S-NPP	74.68204	30.27791	14:12:00	D	6.80
834	MUKTSAR	GIDDARBAHA	S-NPP	74.53395	30.28108	14:12:00	D	2.60
835	MUKTSAR	GIDDARBAHA	S-NPP	74.68024	30.28123	14:12:00	D	7.30
836	MUKTSAR	GIDDARBAHA	S-NPP	74.61233	30.28158	14:12:00	D	10.90
837	MUKTSAR	GIDDARBAHA	S-NPP	74.61181	30.28687	14:12:00	D	10.90
838	MUKTSAR	GIDDARBAHA	S-NPP	74.67547	30.29157	14:12:00	D	15.20
839	MUKTSAR	GIDDARBAHA	S-NPP	74.55508	30.29326	14:12:00	D	17.10
840	MUKTSAR	GIDDARBAHA	S-NPP	74.55879	30.29354	14:12:00	D	48.00
841	MUKTSAR	GIDDARBAHA	S-NPP	74.62946	30.29883	14:12:00	D	2.80
842	MUKTSAR	GIDDARBAHA	S-NPP	74.72786	30.30077	14:12:00	D	2.00
843	MUKTSAR	GIDDARBAHA	S-NPP	74.63219	30.30969	14:12:00	D	3.00
844	MUKTSAR	GIDDARBAHA	S-NPP	74.72304	30.31113	14:12:00	D	16.10
845	MUKTSAR	GIDDARBAHA	S-NPP	74.66219	30.31194	14:12:00	D	2.40
846	MUKTSAR	GIDDARBAHA	S-NPP	74.56419	30.31518	14:12:00	D	8.60
847	MUKTSAR	GIDDARBAHA	S-NPP	74.72253	30.31645	14:12:00	D	16.10
848	MUKTSAR	GIDDARBAHA	S-NPP	74.73011	30.31702	14:12:00	D	7.40
849	MUKTSAR	GIDDARBAHA	S-NPP	74.73391	30.31730	14:12:00	D	7.40
850	MUKTSAR	GIDDARBAHA	S-NPP	74.60880	30.31858	14:12:00	D	10.40
851	MUKTSAR	GIDDARBAHA	S-NPP	74.61626	30.31915	14:12:00	D	5.40
852	MUKTSAR	GIDDARBAHA	S-NPP	74.56368	30.32045	14:12:00	D	5.60
853	MUKTSAR	GIDDARBAHA	S-NPP	74.57111	30.32102	14:12:00	D	7.10
854	MUKTSAR	GIDDARBAHA	S-NPP	74.57855	30.32159	14:12:00	D	7.60
855	MUKTSAR	GIDDARBAHA	S-NPP	74.77150	30.32546	14:12:00	D	2.50

856	MUKTSAR	GIDDARBAHA	S-NPP	74.59661	30.32829	14:12:00	D	2.00
857	MUKTSAR	GIDDARBAHA	S-NPP	74.72485	30.33270	14:12:00	D	1.40
858	MUKTSAR	GIDDARBAHA	S-NPP	74.52886	30.33367	14:12:00	D	2.80
859	MUKTSAR	GIDDARBAHA	S-NPP	74.61476	30.33500	14:12:00	D	4.40
860	MUKTSAR	GIDDARBAHA	S-NPP	74.72005	30.34306	14:12:00	D	7.40
861	MUKTSAR	GIDDARBAHA	S-NPP	74.73142	30.34393	14:12:00	D	5.00
862	MUKTSAR	GIDDARBAHA	S-NPP	74.73522	30.34421	14:12:00	D	10.40
863	MUKTSAR	GIDDARBAHA	S-NPP	74.58347	30.34855	14:12:00	D	4.00
864	MUKTSAR	GIDDARBAHA	S-NPP	74.61327	30.35087	14:12:00	D	12.50
865	MUKTSAR	GIDDARBAHA	S-NPP	74.76138	30.35157	14:12:00	D	6.40
866	MUKTSAR	GIDDARBAHA	S-NPP	74.57551	30.35324	14:12:00	D	1.40
867	MUKTSAR	GIDDARBAHA	S-NPP	74.74945	30.35603	14:12:00	D	2.90
868	MUKTSAR	GIDDARBAHA	S-NPP	74.62025	30.35674	14:12:00	D	6.30
869	MUKTSAR	GIDDARBAHA	S-NPP	74.60014	30.36459	14:12:00	D	1.60
870	MUKTSAR	GIDDARBAHA	S-NPP	74.60056	30.36585	14:12:00	D	2.10
871	MUKTSAR	GIDDARBAHA	S-NPP	74.68355	30.36702	14:12:00	D	2.40
872	MUKTSAR	GIDDARBAHA	S-NPP	74.65672	30.37027	14:12:00	D	2.60
873	MUKTSAR	GIDDARBAHA	S-NPP	74.63710	30.37259	14:12:00	D	2.30
874	MUKTSAR	GIDDARBAHA	S-NPP	74.65966	30.37422	14:12:00	D	5.40
875	MUKTSAR	GIDDARBAHA	S-NPP	74.58839	30.37552	14:12:00	D	9.00
876	MUKTSAR	GIDDARBAHA	S-NPP	74.65998	30.37587	14:12:00	D	2.60
877	MUKTSAR	GIDDARBAHA	S-NPP	74.62197	30.37819	14:12:00	D	4.40
878	MUKTSAR	GIDDARBAHA	S-NPP	74.72781	30.37911	14:12:00	D	6.10
879	MUKTSAR	GIDDARBAHA	S-NPP	74.72798	30.38121	14:12:00	D	5.90
880	MUKTSAR	GIDDARBAHA	S-NPP	74.62109	30.38209	14:12:00	D	9.80
881	MUKTSAR	GIDDARBAHA	S-NPP	74.75081	30.38299	14:12:00	D	2.50
882	MUKTSAR	GIDDARBAHA	S-NPP	74.62148	30.38349	14:12:00	D	4.40
883	MUKTSAR	GIDDARBAHA	S-NPP	74.58695	30.38492	14:12:00	D	3.00
884	MUKTSAR	GIDDARBAHA	S-NPP	74.75016	30.38607	14:12:00	D	3.30
885	MUKTSAR	GIDDARBAHA	S-NPP	74.65898	30.38647	14:12:00	D	2.90
886	MUKTSAR	GIDDARBAHA	S-NPP	74.65814	30.39013	14:12:00	D	5.40
887	MUKTSAR	GIDDARBAHA	S-NPP	74.66190	30.39040	14:12:00	D	6.60
888	MUKTSAR	GIDDARBAHA	S-NPP	74.60136	30.39130	14:12:00	D	2.90

889	MUKTSAR	GIDDARBAHA	S-NPP	74.60510	30.39157	14:12:00	D	2.90
890	MUKTSAR	GIDDARBAHA	S-NPP	74.79188	30.39696	14:12:00	D	2.80
891	MUKTSAR	GIDDARBAHA	S-NPP	74.72522	30.41646	12:36:00	D	6.20
892	MUKTSAR	GIDDARBAHA	S-NPP	74.72944	30.42077	12:36:00	D	8.60
893	MUKTSAR	GIDDARBAHA	S-NPP	74.64088	30.45293	14:12:00	D	3.40
894	MUKTSAR	GIDDARBAHA	S-NPP	74.71272	30.45844	14:12:00	D	3.10
895	MUKTSAR	GIDDARBAHA	S-NPP	74.64788	30.45881	14:12:00	D	4.60
896	MUKTSAR	GIDDARBAHA	S-NPP	74.61682	30.46708	14:12:00	D	15.40
897	MUKTSAR	MALAUT	S-NPP	74.55740	29.94057	14:12:00	D	13.60
898	MUKTSAR	MALAUT	S-NPP	74.55800	29.94063	14:12:00	D	13.50
899	MUKTSAR	MALAUT	S-NPP	74.56421	29.94636	14:12:00	D	3.60
900	MUKTSAR	MALAUT	S-NPP	74.56480	29.94647	14:12:00	D	3.90
901	MUKTSAR	MALAUT	S-NPP	74.66056	29.94817	14:12:00	D	5.20
902	MUKTSAR	MALAUT	S-NPP	74.66428	29.94844	14:12:00	D	5.20
903	MUKTSAR	MALAUT	S-NPP	74.66100	29.94890	14:12:00	D	5.10
904	MUKTSAR	MALAUT	S-NPP	74.60092	29.94909	14:12:00	D	3.50
905	MUKTSAR	MALAUT	S-NPP	74.66470	29.94920	14:12:00	D	5.10
906	MUKTSAR	MALAUT	S-NPP	74.60145	29.94943	14:12:00	D	3.00
907	MUKTSAR	MALAUT	S-NPP	74.61197	29.95558	14:12:00	D	2.90
908	MUKTSAR	MALAUT	S-NPP	74.61095	29.96043	14:12:00	D	3.10
909	MUKTSAR	MALAUT	S-NPP	74.48878	29.96706	14:12:00	D	3.70
910	MUKTSAR	MALAUT	S-NPP	74.56946	29.96792	14:12:00	D	5.50
911	MUKTSAR	MALAUT	S-NPP	74.56351	29.97171	12:36:00	D	4.00
912	MUKTSAR	MALAUT	S-NPP	74.52460	29.97508	14:12:00	D	3.30
913	MUKTSAR	MALAUT	S-NPP	74.46194	29.98078	14:12:00	D	2.80
914	MUKTSAR	MALAUT	S-NPP	74.56427	29.98339	14:12:00	D	21.40
915	MUKTSAR	MALAUT	S-NPP	74.59365	29.98564	14:12:00	D	3.10
916	MUKTSAR	MALAUT	S-NPP	74.60470	29.98648	14:12:00	D	2.70
917	MUKTSAR	MALAUT	S-NPP	74.42851	29.98868	14:12:00	D	3.50
918	MUKTSAR	MALAUT	S-NPP	74.54080	29.99745	14:12:00	D	7.80
919	MUKTSAR	MALAUT	S-NPP	74.47848	29.99786	14:12:00	D	8.40
920	MUKTSAR	MALAUT	S-NPP	74.61474	29.99786	14:12:00	D	5.20
921	MUKTSAR	MALAUT	S-NPP	74.61843	29.99815	14:12:00	D	6.60

922	MUKTSAR	MALAUT	S-NPP	74.56276	29.99915	14:12:00	D	4.60
923	MUKTSAR	MALAUT	S-NPP	74.43468	29.99967	14:12:00	D	3.60
924	MUKTSAR	MALAUT	S-NPP	74.64063	29.99985	14:12:00	D	4.50
925	MUKTSAR	MALAUT	S-NPP	74.53757	30.00079	12:36:00	D	2.60
926	MUKTSAR	MALAUT	S-NPP	74.45271	30.00109	14:12:00	D	6.80
927	MUKTSAR	MALAUT	S-NPP	74.61794	30.00342	14:12:00	D	6.60
928	MUKTSAR	MALAUT	S-NPP	74.62163	30.00370	14:12:00	D	6.60
929	MUKTSAR	MALAUT	AQUA	74.50400	30.00400	14:35:00	D	53.60
930	MUKTSAR	MALAUT	S-NPP	74.49249	30.00423	14:12:00	D	2.40
931	MUKTSAR	MALAUT	S-NPP	74.58058	30.00583	14:12:00	D	10.70
932	MUKTSAR	MALAUT	S-NPP	74.58427	30.00611	14:12:00	D	10.70
933	MUKTSAR	MALAUT	S-NPP	74.51794	30.00623	14:12:00	D	5.00
934	MUKTSAR	MALAUT	S-NPP	74.54345	30.00822	14:12:00	D	19.60
935	MUKTSAR	MALAUT	S-NPP	74.62852	30.00954	14:12:00	D	2.30
936	MUKTSAR	MALAUT	S-NPP	74.54294	30.01347	14:12:00	D	7.70
937	MUKTSAR	MALAUT	S-NPP	74.50600	30.01584	14:12:00	D	5.50
938	MUKTSAR	MALAUT	S-NPP	74.57592	30.01606	14:12:00	D	2.90
939	MUKTSAR	MALAUT	AQUA	74.49900	30.01800	14:35:00	D	65.20
940	MUKTSAR	MALAUT	S-NPP	74.51954	30.02747	14:12:00	D	3.50
941	MUKTSAR	MALAUT	S-NPP	74.68970	30.03559	14:12:00	D	9.90
942	MUKTSAR	MALAUT	S-NPP	74.63710	30.03679	14:12:00	D	3.50
943	MUKTSAR	MALAUT	S-NPP	74.44917	30.03761	14:12:00	D	6.00
944	MUKTSAR	MALAUT	S-NPP	74.44950	30.03768	14:12:00	D	6.60
945	MUKTSAR	MALAUT	S-NPP	74.45277	30.03791	14:12:00	D	6.30
946	MUKTSAR	MALAUT	S-NPP	74.41631	30.04019	14:12:00	D	3.10
947	MUKTSAR	MALAUT	S-NPP	74.66582	30.04970	14:12:00	D	4.50
948	MUKTSAR	MALAUT	S-NPP	74.56557	30.05157	14:12:00	D	5.90
949	MUKTSAR	MALAUT	S-NPP	74.64002	30.05174	14:12:00	D	5.60
950	MUKTSAR	MALAUT	S-NPP	74.56506	30.05227	14:12:00	D	12.20
951	MUKTSAR	MALAUT	S-NPP	74.56871	30.05257	14:12:00	D	19.70
952	MUKTSAR	MALAUT	S-NPP	74.63932	30.05292	14:12:00	D	5.30
953	MUKTSAR	MALAUT	S-NPP	74.57607	30.05316	14:12:00	D	2.70
954	MUKTSAR	MALAUT	S-NPP	74.58765	30.05321	14:12:00	D	2.30

955	MUKTSAR	MALAUT	S-NPP	74.58710	30.05404	14:12:00	D	4.90
956	MUKTSAR	MALAUT	S-NPP	74.56506	30.05683	14:12:00	D	23.70
957	MUKTSAR	MALAUT	S-NPP	74.56873	30.05710	14:12:00	D	23.70
958	MUKTSAR	MALAUT	S-NPP	74.56455	30.05753	14:12:00	D	13.40
959	MUKTSAR	MALAUT	S-NPP	74.56821	30.05782	14:12:00	D	16.30
960	MUKTSAR	MALAUT	S-NPP	74.51696	30.05853	14:12:00	D	5.30
961	MUKTSAR	MALAUT	S-NPP	74.52061	30.05881	14:12:00	D	5.30
962	MUKTSAR	MALAUT	S-NPP	74.51654	30.05891	14:12:00	D	5.00
963	MUKTSAR	MALAUT	S-NPP	74.52019	30.05921	14:12:00	D	5.00
964	MUKTSAR	MALAUT	S-NPP	74.65015	30.06312	14:12:00	D	2.00
965	MUKTSAR	MALAUT	S-NPP	74.64945	30.06437	14:12:00	D	2.10
966	MUKTSAR	MALAUT	S-NPP	74.47227	30.06571	14:12:00	D	5.90
967	MUKTSAR	MALAUT	S-NPP	74.60454	30.06607	14:12:00	D	2.50
968	MUKTSAR	MALAUT	AQUA	74.39600	30.06700	14:35:00	D	53.80
969	MUKTSAR	MALAUT	AQUA	74.40000	30.07000	14:35:00	D	59.70
970	MUKTSAR	MALAUT	AQUA	74.44500	30.07000	14:35:00	D	53.20
971	MUKTSAR	MALAUT	S-NPP	74.61572	30.07120	14:12:00	D	3.60
972	MUKTSAR	MALAUT	S-NPP	74.55986	30.07232	14:12:00	D	4.90
973	MUKTSAR	MALAUT	AQUA	74.45000	30.07300	14:35:00	D	50.20
974	MUKTSAR	MALAUT	S-NPP	74.39872	30.07846	12:36:00	D	9.30
975	MUKTSAR	MALAUT	S-NPP	74.39703	30.07904	12:36:00	D	8.20
976	MUKTSAR	MALAUT	S-NPP	74.45987	30.08055	14:12:00	D	8.50
977	MUKTSAR	MALAUT	S-NPP	74.46348	30.08083	14:12:00	D	7.80
978	MUKTSAR	MALAUT	S-NPP	74.47385	30.08690	14:12:00	D	6.70
979	MUKTSAR	MALAUT	S-NPP	74.62158	30.08758	14:12:00	D	1.80
980	MUKTSAR	MALAUT	S-NPP	74.54787	30.09138	12:36:00	D	9.10
981	MUKTSAR	MALAUT	S-NPP	74.42531	30.09891	14:12:00	D	2.30
982	MUKTSAR	MALAUT	S-NPP	74.65031	30.10039	14:12:00	D	3.70
983	MUKTSAR	MALAUT	S-NPP	74.48324	30.10344	14:12:00	D	4.10
984	MUKTSAR	MALAUT	S-NPP	74.64609	30.10539	14:12:00	D	35.10
985	MUKTSAR	MALAUT	S-NPP	74.56317	30.11495	14:12:00	D	13.40
986	MUKTSAR	MALAUT	S-NPP	74.58894	30.11695	14:12:00	D	2.20
987	MUKTSAR	MALAUT	S-NPP	74.54380	30.12402	14:12:00	D	5.20

988	MUKTSAR	MALAUT	S-NPP	74.39065	30.14949	14:12:00	D	4.00
989	MUKTSAR	MALAUT	S-NPP	74.54810	30.15065	14:12:00	D	2.80
990	MUKTSAR	MALAUT	S-NPP	74.54862	30.15088	14:12:00	D	3.20
991	MUKTSAR	MALAUT	S-NPP	74.38738	30.15361	14:12:00	D	5.40
992	MUKTSAR	MALAUT	S-NPP	74.39097	30.15391	14:12:00	D	7.90
993	MUKTSAR	MALAUT	S-NPP	74.39014	30.15470	14:12:00	D	4.00
994	MUKTSAR	MALAUT	S-NPP	74.53654	30.15510	14:12:00	D	10.90
995	MUKTSAR	MALAUT	S-NPP	74.53712	30.15525	14:12:00	D	12.70
996	MUKTSAR	MALAUT	S-NPP	74.53604	30.16035	14:12:00	D	8.80
997	MUKTSAR	MALAUT	S-NPP	74.53664	30.16050	14:12:00	D	6.80
998	MUKTSAR	MALAUT	S-NPP	74.50322	30.16308	14:12:00	D	12.10
999	MUKTSAR	MALAUT	S-NPP	74.50254	30.16314	14:12:00	D	11.40
1000	MUKTSAR	MALAUT	S-NPP	74.50687	30.16338	14:12:00	D	15.00
1001	MUKTSAR	MALAUT	S-NPP	74.50620	30.16342	14:12:00	D	16.50
1002	MUKTSAR	MALAUT	S-NPP	74.43604	30.16868	14:12:00	D	2.70
1003	MUKTSAR	MALAUT	S-NPP	74.53819	30.17639	14:12:00	D	10.40
1004	MUKTSAR	MALAUT	S-NPP	74.54187	30.17666	14:12:00	D	19.10
1005	MUKTSAR	MALAUT	S-NPP	74.54556	30.17694	14:12:00	D	19.10
1006	MUKTSAR	MALAUT	S-NPP	74.37320	30.17962	14:12:00	D	17.40
1007	MUKTSAR	MALAUT	S-NPP	74.37679	30.17990	14:12:00	D	17.40
1008	MUKTSAR	MALAUT	S-NPP	74.54137	30.18192	14:12:00	D	10.00
1009	MUKTSAR	MALAUT	S-NPP	74.44537	30.18518	14:12:00	D	12.50
1010	MUKTSAR	MALAUT	S-NPP	74.44900	30.18546	14:12:00	D	12.50
1011	MUKTSAR	MALAUT	S-NPP	74.44486	30.19041	14:12:00	D	12.50
1012	MUKTSAR	MALAUT	S-NPP	74.39375	30.19171	14:12:00	D	8.60
1013	MUKTSAR	MALAUT	S-NPP	74.46301	30.19180	14:12:00	D	4.60
1014	MUKTSAR	MALAUT	S-NPP	74.42572	30.19945	14:12:00	D	6.60
1015	MUKTSAR	MALAUT	S-NPP	74.42935	30.19973	14:12:00	D	5.30
1016	MUKTSAR	MALAUT	S-NPP	74.36398	30.19987	14:12:00	D	6.30
1017	MUKTSAR	MALAUT	S-NPP	74.35271	30.20423	14:12:00	D	2.70
1018	MUKTSAR	MALAUT	S-NPP	74.38400	30.21719	14:12:00	D	2.30
1019	MUKTSAR	MALAUT	S-NPP	74.42008	30.22005	14:12:00	D	4.70
1020	MUKTSAR	MALAUT	S-NPP	74.40475	30.22087	12:36:00	D	3.30

1021	MUKTSAR	MALAUT	S-NPP	74.40771	30.23483	14:12:00	D	2.20
1022	MUKTSAR	MALAUT	S-NPP	74.29156	30.24114	14:12:00	D	2.60
1023	MUKTSAR	MALAUT	S-NPP	74.28971	30.24173	14:12:00	D	2.40
1024	MUKTSAR	MALAUT	S-NPP	74.39005	30.24925	14:12:00	D	7.40
1025	MUKTSAR	MALAUT	S-NPP	74.39177	30.24931	14:12:00	D	8.70
1026	MUKTSAR	MALAUT	S-NPP	74.38953	30.25446	14:12:00	D	7.20
1027	MUKTSAR	MALAUT	S-NPP	74.39127	30.25452	14:12:00	D	9.30
1028	MUKTSAR	MALAUT	S-NPP	74.39315	30.25473	14:12:00	D	7.80
1029	MUKTSAR	MALAUT	S-NPP	74.40762	30.25581	14:12:00	D	5.60
1030	MUKTSAR	MALAUT	S-NPP	74.40930	30.25599	14:12:00	D	5.00
1031	MUKTSAR	MALAUT	S-NPP	74.46577	30.26014	14:12:00	D	2.80
1032	MUKTSAR	MALAUT	S-NPP	74.37769	30.26407	14:12:00	D	9.80
1033	MUKTSAR	MALAUT	S-NPP	74.28358	30.26736	14:12:00	D	4.40
1034	MUKTSAR	MALAUT	S-NPP	74.28713	30.26763	14:12:00	D	4.40
1035	MUKTSAR	MALAUT	S-NPP	74.30750	30.27965	14:12:00	D	2.50
1036	MUKTSAR	MALAUT	S-NPP	74.46008	30.28081	14:12:00	D	13.30
1037	MUKTSAR	MALAUT	S-NPP	74.46373	30.28109	14:12:00	D	15.40
1038	MUKTSAR	MALAUT	S-NPP	74.43406	30.28411	14:12:00	D	5.50
1039	MUKTSAR	MALAUT	S-NPP	74.46321	30.28633	14:12:00	D	15.40
1040	MUKTSAR	MALAUT	S-NPP	74.49148	30.29904	14:12:00	D	3.60
1041	MUKTSAR	MALAUT	S-NPP	74.48730	30.30400	14:12:00	D	7.70
1042	MUKTSAR	MALAUT	S-NPP	74.49097	30.30428	14:12:00	D	12.70
1043	MUKTSAR	MALAUT	S-NPP	74.30493	30.30559	14:12:00	D	8.00
1044	MUKTSAR	MALAUT	S-NPP	74.35151	30.30926	14:12:00	D	1.90
1045	MUKTSAR	MALAUT	S-NPP	74.31770	30.32229	14:12:00	D	4.30
1046	MUKTSAR	MALAUT	S-NPP	74.35717	30.32544	14:12:00	D	16.40
1047	MUKTSAR	MALAUT	S-NPP	74.36385	30.33121	14:12:00	D	9.20
1048	MUKTSAR	MALAUT	S-NPP	74.44044	30.33203	14:12:00	D	4.20
1049	MUKTSAR	MALAUT	S-NPP	74.44772	30.33260	14:12:00	D	4.60
1050	MUKTSAR	MALAUT	S-NPP	74.45502	30.33317	14:12:00	D	6.40
1051	MUKTSAR	MALAUT	S-NPP	74.36335	30.33642	14:12:00	D	5.80
1052	MUKTSAR	MALAUT	S-NPP	74.37420	30.33729	14:12:00	D	2.10
1053	MUKTSAR	MALAUT	S-NPP	74.35514	30.34625	14:12:00	D	12.20

1054	MUKTSAR	MALAUT	S-NPP	74.35438	30.34662	14:12:00	D	13.00
1055	MUKTSAR	MALAUT	S-NPP	74.33311	30.34972	14:12:00	D	16.80
1056	MUKTSAR	MALAUT	S-NPP	74.33670	30.35000	14:12:00	D	16.80
1057	MUKTSAR	MALAUT	S-NPP	74.33229	30.35022	14:12:00	D	17.40
1058	MUKTSAR	MALAUT	S-NPP	74.34027	30.35029	14:12:00	D	6.00
1059	MUKTSAR	MALAUT	S-NPP	74.33588	30.35049	14:12:00	D	17.40
1060	MUKTSAR	MALAUT	S-NPP	74.33948	30.35076	14:12:00	D	8.40
1061	MUKTSAR	MALAUT	S-NPP	74.38351	30.35380	14:12:00	D	2.70
1062	MUKTSAR	MALAUT	S-NPP	74.38277	30.35398	14:12:00	D	2.90
1063	MUKTSAR	MALAUT	S-NPP	74.33978	30.35550	14:12:00	D	6.30
1064	MUKTSAR	MALAUT	S-NPP	74.33897	30.35596	14:12:00	D	6.80
1065	MUKTSAR	MALAUT	S-NPP	74.38123	30.36962	14:12:00	D	11.20
1066	MUKTSAR	MALAUT	S-NPP	74.34412	30.37732	14:12:00	D	18.30
1067	MUKTSAR	MUKTSAR	S-NPP	74.48377	30.34072	14:12:00	D	2.80
1068	MUKTSAR	MUKTSAR	S-NPP	74.49477	30.34159	14:12:00	D	8.60
1069	MUKTSAR	MUKTSAR	S-NPP	74.48328	30.34597	14:12:00	D	22.60
1070	MUKTSAR	MUKTSAR	S-NPP	74.42802	30.34685	14:12:00	D	14.50
1071	MUKTSAR	MUKTSAR	S-NPP	74.42687	30.35197	14:12:00	D	6.00
1072	MUKTSAR	MUKTSAR	S-NPP	74.42751	30.35208	14:12:00	D	6.20
1073	MUKTSAR	MUKTSAR	S-NPP	74.47070	30.35519	14:12:00	D	4.30
1074	MUKTSAR	MUKTSAR	S-NPP	74.47129	30.35559	14:12:00	D	4.20
1075	MUKTSAR	MUKTSAR	S-NPP	74.47018	30.36043	14:12:00	D	4.30
1076	MUKTSAR	MUKTSAR	S-NPP	74.47385	30.36070	14:12:00	D	4.30
1077	MUKTSAR	MUKTSAR	S-NPP	74.47752	30.36097	14:12:00	D	6.40
1078	MUKTSAR	MUKTSAR	S-NPP	74.47446	30.36112	14:12:00	D	4.20
1079	MUKTSAR	MUKTSAR	S-NPP	74.47813	30.36141	14:12:00	D	4.70
1080	MUKTSAR	MUKTSAR	S-NPP	74.56296	30.36191	14:12:00	D	3.00
1081	MUKTSAR	MUKTSAR	S-NPP	74.56340	30.36291	14:12:00	D	2.40
1082	MUKTSAR	MUKTSAR	S-NPP	74.50379	30.36347	14:12:00	D	0.90
1083	MUKTSAR	MUKTSAR	S-NPP	74.47701	30.36621	14:12:00	D	2.50
1084	MUKTSAR	MUKTSAR	S-NPP	74.47762	30.36666	14:12:00	D	1.80
1085	MUKTSAR	MUKTSAR	S-NPP	74.39211	30.37044	14:12:00	D	8.10
1086	MUKTSAR	MUKTSAR	S-NPP	74.39158	30.37566	14:12:00	D	8.10

1087	MUKTSAR	MUKTSAR	S-NPP	74.49804	30.37835	14:12:00	D	1.00
1088	MUKTSAR	MUKTSAR	S-NPP	74.38281	30.39077	14:12:00	D	74.00
1089	MUKTSAR	MUKTSAR	S-NPP	74.36733	30.40009	14:12:00	D	3.30
1090	MUKTSAR	MUKTSAR	S-NPP	74.51814	30.40103	14:12:00	D	3.50
1091	MUKTSAR	MUKTSAR	S-NPP	74.54404	30.40298	14:12:00	D	3.80
1092	MUKTSAR	MUKTSAR	S-NPP	74.54775	30.40326	14:12:00	D	7.20
1093	MUKTSAR	MUKTSAR	S-NPP	74.53983	30.40797	14:12:00	D	3.80
1094	MUKTSAR	MUKTSAR	S-NPP	74.43948	30.41090	14:12:00	D	3.10
1095	MUKTSAR	MUKTSAR	S-NPP	74.51713	30.41155	14:12:00	D	1.90
1096	MUKTSAR	MUKTSAR	S-NPP	74.38804	30.41220	14:12:00	D	6.60
1097	MUKTSAR	MUKTSAR	S-NPP	74.53933	30.41323	14:12:00	D	8.90
1098	MUKTSAR	MUKTSAR	S-NPP	74.54304	30.41352	14:12:00	D	8.90
1099	MUKTSAR	MUKTSAR	S-NPP	74.54675	30.41380	14:12:00	D	4.80
1100	MUKTSAR	MUKTSAR	S-NPP	74.40981	30.41389	14:12:00	D	16.40
1101	MUKTSAR	MUKTSAR	S-NPP	74.41344	30.41417	14:12:00	D	16.40
1102	MUKTSAR	MUKTSAR	S-NPP	74.32925	30.41811	14:12:00	D	3.00
1103	MUKTSAR	MUKTSAR	S-NPP	74.36893	30.42122	14:12:00	D	4.70
1104	MUKTSAR	MUKTSAR	S-NPP	74.37254	30.42150	14:12:00	D	4.70
1105	MUKTSAR	MUKTSAR	S-NPP	74.47876	30.42449	14:12:00	D	10.10
1106	MUKTSAR	MUKTSAR	S-NPP	74.44893	30.42747	14:12:00	D	4.10
1107	MUKTSAR	MUKTSAR	S-NPP	74.45259	30.42775	14:12:00	D	4.10
1108	MUKTSAR	MUKTSAR	S-NPP	74.49666	30.43117	14:12:00	D	3.00
1109	MUKTSAR	MUKTSAR	S-NPP	74.50035	30.43145	14:12:00	D	3.20
1110	MUKTSAR	MUKTSAR	S-NPP	74.38240	30.43279	14:12:00	D	4.60
1111	MUKTSAR	MUKTSAR	S-NPP	74.39326	30.43365	14:12:00	D	2.60
1112	MUKTSAR	MUKTSAR	S-NPP	74.41870	30.43565	14:12:00	D	4.70
1113	MUKTSAR	MUKTSAR	S-NPP	74.42235	30.43594	14:12:00	D	4.70
1114	MUKTSAR	MUKTSAR	S-NPP	74.29852	30.43662	14:12:00	D	11.80
1115	MUKTSAR	MUKTSAR	S-NPP	74.60434	30.43946	14:12:00	D	3.70
1116	MUKTSAR	MUKTSAR	S-NPP	74.60809	30.43975	14:12:00	D	3.70
1117	MUKTSAR	MUKTSAR	S-NPP	74.58515	30.44331	14:12:00	D	1.10
1118	MUKTSAR	MUKTSAR	S-NPP	74.53259	30.44456	14:12:00	D	1.60
1119	MUKTSAR	MUKTSAR	S-NPP	74.57345	30.44773	14:12:00	D	4.60

1120	MUKTSAR	MUKTSAR	S-NPP	74.56181	30.45214	14:12:00	D	2.90
1121	MUKTSAR	MUKTSAR	S-NPP	74.59485	30.46004	14:12:00	D	2.10
1122	MUKTSAR	MUKTSAR	S-NPP	74.46424	30.46037	14:12:00	D	9.20
1123	MUKTSAR	MUKTSAR	S-NPP	74.67809	30.46114	14:12:00	D	8.70
1124	MUKTSAR	MUKTSAR	S-NPP	74.34323	30.46119	14:12:00	D	19.90
1125	MUKTSAR	MUKTSAR	S-NPP	74.34514	30.46126	14:12:00	D	32.80
1126	MUKTSAR	MUKTSAR	S-NPP	74.34876	30.46153	14:12:00	D	28.30
1127	MUKTSAR	MUKTSAR	S-NPP	74.46224	30.46463	14:12:00	D	14.90
1128	MUKTSAR	MUKTSAR	S-NPP	74.46373	30.46561	14:12:00	D	9.20
1129	MUKTSAR	MUKTSAR	S-NPP	74.43973	30.46827	14:12:00	D	2.90
1130	MUKTSAR	MUKTSAR	S-NPP	74.44127	30.46910	14:12:00	D	3.20
1131	MUKTSAR	MUKTSAR	S-NPP	74.38615	30.46992	14:12:00	D	3.40
1132	MUKTSAR	MUKTSAR	S-NPP	74.45956	30.47057	14:12:00	D	3.80
1133	MUKTSAR	MUKTSAR	S-NPP	74.40996	30.47134	14:12:00	D	3.80
1134	MUKTSAR	MUKTSAR	S-NPP	74.41158	30.47198	14:12:00	D	4.50
1135	MUKTSAR	MUKTSAR	S-NPP	74.35137	30.47223	14:12:00	D	4.70
1136	MUKTSAR	MUKTSAR	S-NPP	74.57713	30.47299	14:12:00	D	4.50
1137	MUKTSAR	MUKTSAR	S-NPP	74.71124	30.47441	14:12:00	D	3.40
1138	MUKTSAR	MUKTSAR	S-NPP	74.57843	30.47472	14:12:00	D	4.60
1139	MUKTSAR	MUKTSAR	S-NPP	74.34726	30.47717	14:12:00	D	4.70
1140	MUKTSAR	MUKTSAR	S-NPP	74.44504	30.48978	14:12:00	D	3.50
1141	MUKTSAR	MUKTSAR	S-NPP	74.64493	30.49064	14:12:00	D	4.40
1142	MUKTSAR	MUKTSAR	S-NPP	74.64870	30.49094	14:12:00	D	4.40
1143	MUKTSAR	MUKTSAR	S-NPP	74.64318	30.49376	14:12:00	D	5.90
1144	MUKTSAR	MUKTSAR	S-NPP	74.59381	30.49550	14:12:00	D	2.20
1145	MUKTSAR	MUKTSAR	S-NPP	74.60631	30.52308	14:12:00	D	2.50
1146	MUKTSAR	MUKTSAR	S-NPP	74.55724	30.52471	14:12:00	D	5.20
1147	MUKTSAR	MUKTSAR	S-NPP	74.57915	30.53169	14:12:00	D	1.80
1148	MUKTSAR	MUKTSAR	S-NPP	74.41080	30.53992	14:12:00	D	15.80
1149	MUKTSAR	MUKTSAR	S-NPP	74.55573	30.54055	14:12:00	D	3.60
1150	MUKTSAR	MUKTSAR	S-NPP	74.66138	30.54324	14:12:00	D	5.90
1151	MUKTSAR	MUKTSAR	S-NPP	74.60439	30.54426	14:12:00	D	1.60
1152	MUKTSAR	MUKTSAR	S-NPP	74.57340	30.55255	14:12:00	D	2.10

1153	MUKTSAR	MUKTSAR	S-NPP	74.67934	30.55531	14:12:00	D	2.40
1154	MUKTSAR	MUKTSAR	S-NPP	74.49818	30.56739	14:12:00	D	2.40
1155	MUKTSAR	MUKTSAR	S-NPP	74.38593	30.56958	14:12:00	D	0.70
1156	MUKTSAR	MUKTSAR	S-NPP	74.38687	30.56984	14:12:00	D	0.80
1157	MUKTSAR	MUKTSAR	S-NPP	74.51622	30.57400	14:12:00	D	2.60
1158	MUKTSAR	MUKTSAR	S-NPP	74.48237	30.57684	14:12:00	D	2.40
1159	MUKTSAR	MUKTSAR	S-NPP	74.64432	30.57786	14:12:00	D	9.10
1160	MUKTSAR	MUKTSAR	S-NPP	74.64809	30.57812	14:12:00	D	9.10
1161	MUKTSAR	MUKTSAR	S-NPP	74.64665	30.57957	14:12:00	D	13.70
1162	MUKTSAR	MUKTSAR	S-NPP	74.40781	30.58193	14:12:00	D	2.50
1163	MUKTSAR	MUKTSAR	S-NPP	74.42979	30.58356	14:12:00	D	3.40
1164	MUKTSAR	MUKTSAR	S-NPP	74.43713	30.58410	14:12:00	D	5.20
1165	MUKTSAR	MUKTSAR	S-NPP	74.37079	30.58444	14:12:00	D	3.90
1166	MUKTSAR	MUKTSAR	S-NPP	74.44449	30.58464	14:12:00	D	6.80
1167	MUKTSAR	MUKTSAR	S-NPP	74.48877	30.58791	14:12:00	D	3.10
1168	MUKTSAR	MUKTSAR	S-NPP	74.63383	30.59460	14:12:00	D	2.00
1169	MUKTSAR	MUKTSAR	S-NPP	74.50629	30.59980	14:12:00	D	4.70
1170	MUKTSAR	MUKTSAR	S-NPP	74.51694	30.60590	14:12:00	D	1.90
1171	MUKTSAR	MUKTSAR	S-NPP	74.41628	30.60895	14:12:00	D	3.20
1172	MUKTSAR	MUKTSAR	S-NPP	74.44882	30.61669	14:12:00	D	4.20
1173	MUKTSAR	MUKTSAR	S-NPP	74.50181	30.64722	14:12:00	D	2.80
1174	PATIALA	PATIALA	S-NPP	76.32429	30.24594	14:12:00	D	6.30
1175	PATIALA	PATIALA	S-NPP	76.45370	30.37322	12:36:00	D	6.60
1176	PATIALA	PATIALA	S-NPP	76.46669	30.40274	12:36:00	D	2.60
1177	PATIALA	SAMANA	S-NPP	76.15957	29.90718	12:30:00	D	4.30
1178	PATIALA	SAMANA	S-NPP	76.19390	29.99869	14:12:00	D	7.10
1179	PATIALA	SAMANA	S-NPP	76.19852	29.99899	14:12:00	D	7.10
1180	PATIALA	SAMANA	S-NPP	76.10672	30.12132	14:12:00	D	9.10
1181	PATIALA	SAMANA	S-NPP	76.11131	30.12162	14:12:00	D	10.10
1182	SANGRUR	MOONAK	S-NPP	76.01460	29.77716	14:12:00	D	4.30
1183	SANGRUR	MOONAK	S-NPP	76.07251	29.78679	14:12:00	D	4.40
1184	SANGRUR	MOONAK	TERRA	75.98700	29.82900	11:20:00	D	32.80
1185	SANGRUR	MOONAK	S-NPP	76.04044	29.84798	14:12:00	D	2.70

1186	SANGRUR	MOONAK	S-NPP	76.03671	29.84919	14:12:00	D	3.40
1187	SANGRUR	MOONAK	S-NPP	76.04119	29.84948	14:12:00	D	3.90
1188	SANGRUR	SUNAM	TERRA	75.79700	30.07500	11:20:00	D	5.30
1189	TARN TARAN	KHADOOR SAHIB	S-NPP	74.95583	31.29153	14:12:00	D	2.70
1190	TARN TARAN	KHADOOR SAHIB	S-NPP	74.96298	31.30301	14:12:00	D	3.70
1191	TARN TARAN	KHADOOR SAHIB	S-NPP	74.97825	31.31507	14:12:00	D	1.10
1192	TARN TARAN	KHADOOR SAHIB	S-NPP	74.99213	31.34353	14:12:00	D	12.00
1193	TARN TARAN	KHADOOR SAHIB	S-NPP	75.05724	31.39241	14:12:00	D	4.20
1194	TARN TARAN	KHADOOR SAHIB	S-NPP	75.02292	31.40660	14:12:00	D	2.50
1195	TARN TARAN	KHADOOR SAHIB	S-NPP	74.79834	31.41805	14:12:00	D	2.80
1196	TARN TARAN	KHADOOR SAHIB	S-NPP	74.69699	31.48360	14:12:00	D	3.30
1197	TARN TARAN	KHADOOR SAHIB	S-NPP	74.66759	31.50311	14:12:00	D	2.20
1198	TARN TARAN	KHADOOR SAHIB	S-NPP	74.90800	31.50391	14:12:00	D	4.50
1199	TARN TARAN	KHADOOR SAHIB	S-NPP	74.67446	31.51442	14:12:00	D	5.60
1200	TARN TARAN	KHADOOR SAHIB	S-NPP	74.67838	31.51471	14:12:00	D	8.90
1201	TARN TARAN	PATTI	S-NPP	74.52846	31.13395	14:12:00	D	3.90
1202	TARN TARAN	PATTI	S-NPP	74.59325	31.13862	14:12:00	D	17.10
1203	TARN TARAN	PATTI	S-NPP	74.63354	31.16300	14:12:00	D	4.20
1204	TARN TARAN	PATTI	S-NPP	74.58979	31.17590	14:12:00	D	7.30
1205	TARN TARAN	PATTI	S-NPP	74.58930	31.18122	14:12:00	D	7.30
1206	TARN TARAN	PATTI	S-NPP	74.74090	31.18699	14:12:00	D	2.50
1207	TARN TARAN	PATTI	S-NPP	74.74480	31.18728	14:12:00	D	2.50
1208	TARN TARAN	PATTI	S-NPP	74.68974	31.18866	14:12:00	D	1.30
1209	TARN TARAN	PATTI	S-NPP	74.55613	31.20408	14:12:00	D	2.40
1210	TARN TARAN	PATTI	S-NPP	74.55627	31.20553	14:12:00	D	2.20
1211	TARN TARAN	PATTI	S-NPP	74.57094	31.21047	14:12:00	D	1.20
1212	TARN TARAN	PATTI	S-NPP	74.73418	31.21634	14:12:00	D	5.90
1213	TARN TARAN	PATTI	S-NPP	74.60883	31.21848	14:12:00	D	3.10
1214	TARN TARAN	PATTI	S-NPP	74.60889	31.22027	14:12:00	D	2.40
1215	TARN TARAN	PATTI	S-NPP	74.58919	31.22413	14:12:00	D	1.00
1216	TARN TARAN	PATTI	S-NPP	74.74101	31.22763	14:12:00	D	1.70
1217	TARN TARAN	PATTI	S-NPP	74.58858	31.22779	14:12:00	D	2.10
1218	TARN TARAN	PATTI	S-NPP	74.73757	31.26527	14:12:00	D	6.80

1219	TARN TARAN	PATTI	S-NPP	74.80467	31.31350	14:12:00	D	3.40
1220	TARN TARAN	PATTI	S-NPP	74.80865	31.31379	14:12:00	D	6.30
1221	TARN TARAN	PATTI	S-NPP	74.70793	31.36276	14:12:00	D	4.70

Details of residue burning events in Haryana on 19-Nov-2019

S. No.	District	Tehsil / Block	Satellite	Longitude	Latitude	Time (IST)	Day / Night	Fire Power (W/m ²)
1	BHIWANI	SIWANI	S-NPP	75.57711	28.85044	12:30:00	D	3.60
2	FATEHABAD	FATEHABAD	S-NPP	75.73250	29.51139	14:12:00	D	4.50
3	FATEHABAD	FATEHABAD	S-NPP	75.73157	29.51437	14:12:00	D	4.80
4	FATEHABAD	FATEHABAD	S-NPP	75.48889	29.51532	01:18:00	N	1.10
5	FATEHABAD	FATEHABAD	S-NPP	75.48278	29.51563	01:18:00	N	1.20
6	FATEHABAD	FATEHABAD	S-NPP	75.31138	29.51816	14:12:00	D	1.10
7	FATEHABAD	FATEHABAD	S-NPP	75.48032	29.52201	01:18:00	N	0.80
8	FATEHABAD	FATEHABAD	S-NPP	75.61218	29.56783	14:12:00	D	4.60
9	FATEHABAD	FATEHABAD	S-NPP	75.61172	29.57340	14:12:00	D	4.60
10	FATEHABAD	FATEHABAD	S-NPP	75.60659	29.58423	14:12:00	D	7.20
11	FATEHABAD	FATEHABAD	NOAA-18	75.46326	29.58474	20:50:00	N	12.00
12	FATEHABAD	RATIA	S-NPP	75.52549	29.58913	02:54:00	N	0.90
13	FATEHABAD	RATIA	S-NPP	75.52763	29.59027	02:54:00	N	0.60
14	FATEHABAD	RATIA	S-NPP	75.55653	29.59618	01:18:00	N	0.50
15	FATEHABAD	RATIA	S-NPP	75.64716	29.63948	12:30:00	D	10.50
16	FATEHABAD	RATIA	S-NPP	75.55756	29.66902	14:12:00	D	2.90
17	FATEHABAD	RATIA	S-NPP	75.63634	29.68594	14:12:00	D	7.00
18	FATEHABAD	RATIA	S-NPP	75.35259	29.69549	12:30:00	D	2.30
19	FATEHABAD	RATIA	S-NPP	75.53936	29.69977	14:12:00	D	6.10
20	FATEHABAD	RATIA	S-NPP	75.54221	29.70143	14:12:00	D	7.40
21	FATEHABAD	RATIA	S-NPP	75.41390	29.70783	14:12:00	D	13.00
22	FATEHABAD	RATIA	S-NPP	75.41286	29.70836	14:12:00	D	6.00
23	FATEHABAD	RATIA	S-NPP	75.41695	29.70867	14:12:00	D	6.00
24	FATEHABAD	RATIA	S-NPP	75.60477	29.72390	12:30:00	D	8.70
25	FATEHABAD	RATIA	S-NPP	75.61091	29.72557	12:30:00	D	8.70
26	FATEHABAD	RATIA	S-NPP	75.65179	29.76924	14:12:00	D	12.20
27	FATEHABAD	TOHANA	S-NPP	75.82082	29.62376	12:30:00	D	5.60
28	FATEHABAD	TOHANA	S-NPP	75.82681	29.62536	12:30:00	D	7.10
29	FATEHABAD	TOHANA	S-NPP	75.82436	29.62571	12:30:00	D	8.00
30	FATEHABAD	TOHANA	S-NPP	75.90652	29.63978	12:30:00	D	8.70

31	FATEHABAD	TOHANA	S-NPP	75.90385	29.64058	12:30:00	D	11.40
32	FATEHABAD	TOHANA	S-NPP	75.93174	29.67847	14:12:00	D	1.90
33	HISAR	HANSI	S-NPP	76.13569	29.04618	14:12:00	D	7.90
34	HISAR	HISAR	S-NPP	75.98055	29.32564	14:12:00	D	3.70
35	HISAR	NARNAUND	S-NPP	76.20777	29.22649	14:12:00	D	2.40
36	HISAR	NARNAUND	S-NPP	76.17010	29.22844	14:12:00	D	3.30
37	HISAR	NARNAUND	S-NPP	76.17132	29.22987	14:12:00	D	4.40
38	HISAR	NARNAUND	S-NPP	76.12881	29.30768	14:12:00	D	5.00
39	JIND	JIND	S-NPP	76.28619	29.27224	14:12:00	D	2.20
40	JIND	JIND	S-NPP	76.31405	29.48337	14:12:00	D	7.90
41	JIND	NARWANA	S-NPP	76.11277	29.53396	14:12:00	D	4.40
42	JIND	NARWANA	S-NPP	76.07834	29.54203	12:30:00	D	3.90
43	JIND	NARWANA	S-NPP	76.12629	29.56833	12:30:00	D	4.40
44	JIND	NARWANA	S-NPP	76.12264	29.56895	12:30:00	D	4.80
45	JIND	NARWANA	S-NPP	76.15277	29.71860	12:30:00	D	7.20
46	JIND	NARWANA	S-NPP	76.15515	29.72237	12:30:00	D	6.20
47	KAITHAL	GUHLA	S-NPP	76.30916	30.09944	14:12:00	D	2.20
48	KAITHAL	KAITHAL	S-NPP	76.33719	29.72050	12:30:00	D	5.10
49	KAITHAL	KAITHAL	TERRA	76.22200	29.73600	11:20:00	D	6.40
50	KAITHAL	KAITHAL	S-NPP	76.65021	29.73905	12:30:00	D	2.70
51	KAITHAL	KAITHAL	S-NPP	76.67536	29.86809	12:30:00	D	3.00
52	KARNAL	KARNAL	S-NPP	76.76444	29.62242	14:12:00	D	3.80
53	KARNAL	NILOKHERI	S-NPP	76.74851	29.83015	02:54:00	N	1.90
54	KARNAL	NILOKHERI	S-NPP	76.74516	29.83280	02:54:00	N	1.30
55	KARNAL	NILOKHERI	S-NPP	76.74398	29.83309	01:18:00	N	1.50
56	PANIPAT	PANIPAT	S-NPP	76.75121	29.41479	12:30:00	D	4.30
57	ROHTAK	MAHAM	S-NPP	76.26749	29.01917	14:12:00	D	1.50
58	SIRSA	ELLENABAD	S-NPP	74.80616	29.43221	14:12:00	D	5.20
59	SIRSA	ELLENABAD	S-NPP	74.80376	29.43383	14:12:00	D	5.40
60	SIRSA	ELLENABAD	S-NPP	74.88453	29.45643	14:12:00	D	2.40
61	SIRSA	ELLENABAD	S-NPP	74.86309	29.45657	02:54:00	N	0.40
62	SIRSA	ELLENABAD	S-NPP	74.88277	29.45931	14:12:00	D	4.10
63	SIRSA	ELLENABAD	NOAA-18	74.69650	29.51737	20:50:00	N	11.00
64	SIRSA	RANIA	S-NPP	74.90109	29.54663	14:12:00	D	2.80

65	SIRSA	RANIA	S-NPP	74.90044	29.54987	14:12:00	D	2.90
66	SIRSA	RANIA	S-NPP	74.62012	29.58718	14:12:00	D	3.20
67	SIRSA	RANIA	S-NPP	74.69547	29.60904	14:12:00	D	3.30
68	SIRSA	RANIA	S-NPP	74.58750	29.62155	14:12:00	D	2.20
69	SIRSA	SIRSA	S-NPP	75.13527	29.41124	14:12:00	D	4.10
70	SIRSA	SIRSA	S-NPP	75.00787	29.47855	12:30:00	D	3.60
71	SIRSA	SIRSA	S-NPP	75.00837	29.48073	12:30:00	D	4.90
72	SIRSA	SIRSA	S-NPP	75.18135	29.49767	14:12:00	D	6.10
73	SIRSA	SIRSA	S-NPP	75.04690	29.50940	14:12:00	D	4.40
74	SIRSA	SIRSA	S-NPP	75.05076	29.50969	14:12:00	D	4.40
75	SIRSA	SIRSA	S-NPP	75.28142	29.53794	14:12:00	D	2.90
76	SIRSA	SIRSA	S-NPP	74.94759	29.53955	14:12:00	D	18.60
77	SIRSA	SIRSA	S-NPP	75.29291	29.54430	14:12:00	D	5.00
78	SIRSA	SIRSA	S-NPP	75.29691	29.54460	14:12:00	D	6.20
79	SIRSA	SIRSA	AQUA	75.28400	29.54900	12:55:00	D	34.20
80	SIRSA	SIRSA	NOAA-18	75.08473	29.55780	20:50:00	N	9.00
81	SIRSA	SIRSA	S-NPP	75.00863	29.58480	14:12:00	D	3.30
82	SIRSA	SIRSA	NOAA-18	75.12356	29.61619	20:50:00	N	7.00

Details of residue burning events in Uttar Pradesh on 19-Nov-2019

S. No.	District	Tehsil / Block	Satellite	Longitude	Latitude	Time (IST)	Day / Night	Fire Power (W/m ²)
1	BAGHPAT	BARAUT	S-NPP	77.39576	29.09580	14:12:00	D	2.30
2	BALLIA	RASRA	S-NPP	83.78999	25.84489	12:30:00	D	8.40
3	BAREILLY	BAHERI	S-NPP	79.45788	28.83167	14:12:00	D	2.00
4	BASTI	BHANPUR	S-NPP	82.66496	27.09204	01:18:00	N	0.60
5	BASTI	HARRAIYA	S-NPP	82.61998	26.68559	01:18:00	N	0.50
6	BASTI	HARRAIYA	S-NPP	82.56292	26.68813	01:18:00	N	1.20
7	ETAWAH	BHARTHNA	S-NPP	79.22885	26.93539	12:30:00	D	2.30
8	ETAWAH	CHAKARNAGAR	S-NPP	79.21352	26.61020	12:30:00	D	3.10
9	GONDA	MANKAPUR	S-NPP	82.52257	27.11502	12:30:00	D	1.60
10	HARDOI	SHAHABAD	S-NPP	80.05048	27.72523	12:30:00	D	1.20
11	HARDOI	SHAHABAD	S-NPP	80.05067	27.72812	12:30:00	D	1.50
12	JALAUN	JALAUN	S-NPP	79.42803	26.27141	14:12:00	D	3.00
13	KANPUR DEHAT	AKBARPUR	S-NPP	79.99567	26.30409	12:30:00	D	2.30
14	KANPUR DEHAT	AKBARPUR	S-NPP	79.98537	26.36613	14:12:00	D	12.20
15	KANPUR DEHAT	RASULABAD	S-NPP	79.81783	26.72954	14:12:00	D	4.40
16	KHERI	MOHMADI	S-NPP	80.29340	28.08982	12:30:00	D	2.60
17	KHERI	PALIA KALAN	S-NPP	80.68621	28.34451	12:30:00	D	1.10
18	KUSHINAGAR	HATA	METOP-2	83.66470	26.84039	20:12:00	N	7.00
19	KUSHINAGAR	KASAYA	AQUA	84.01700	26.79700	12:55:00	D	18.50
20	KUSHINAGAR	KASAYA	AQUA	84.03000	26.79900	12:55:00	D	9.40
21	LUCKNOW	MOHANLAL GANJ	S-NPP	81.09858	26.65879	12:30:00	D	1.70
22	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.64911	27.02747	12:30:00	D	1.80
23	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.53738	27.03655	12:30:00	D	3.40
24	MAHARAJGANJ	MAHARAJGANJ	S-NPP	83.55508	27.19498	12:30:00	D	2.40
25	MAHARAJGANJ	NICHLAUL	S-NPP	83.69537	27.14201	12:30:00	D	2.30
26	MAHARAJGANJ	NICHLAUL	S-NPP	83.63543	27.24798	12:30:00	D	3.10
27	MAHARAJGANJ	NICHLAUL	S-NPP	83.72239	27.27030	12:30:00	D	2.80
28	MATHURA	CHHATA	S-NPP	77.41219	27.69698	12:30:00	D	11.50
29	MEERUT	MAWANA	S-NPP	77.98756	29.24710	12:30:00	D	1.90
30	MEERUT	SARDHANA	S-NPP	77.49664	29.11001	12:30:00	D	9.30
31	RAMPUR	TANDA	S-NPP	78.97764	29.08604	12:30:00	D	2.00

32	SHAHJAHANPUR	PUWANYA	S-NPP	80.08739	28.20955	01:18:00	N	0.80
33	SHARANPUR	DEOBAND	TERRA	77.57500	29.84200	11:20:00	D	7.00
34	SHARANPUR	NAKUR	S-NPP	77.26424	29.68967	14:12:00	D	7.70
35	SIDDHARTHANAGAR	DOMARIYAGANJ	S-NPP	82.73550	27.15771	01:18:00	N	0.70
36	SIDDHARTHANAGAR	ITWA	S-NPP	82.74721	27.20622	12:30:00	D	2.70
37	SIDDHARTHANAGAR	ITWA	S-NPP	82.80254	27.23634	12:30:00	D	2.50
38	SIDDHARTHANAGAR	ITWA	S-NPP	82.71555	27.34667	12:30:00	D	2.20
39	UNNAO	SAFIPUR	S-NPP	80.12588	26.95137	12:30:00	D	4.10

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

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

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